

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044478.D
 Acq On : 18 Feb 2020 18:39
 Operator : CG/JU
 Sample : L1365-16MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MSD

Manual Integrations
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mohammad
 2/20/2020 8:57:31 AM

Quant Time: Feb 19 01:31:19 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	7.90	152	71521	20.00	ng	0.00
21) Naphthalene-d8	10.69	136	294201	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	197161	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	430692	20.00	ng	0.00
76) Chrysene-d12	21.53	240	397580	20.00	ng	0.00
87) Perylene-d12	24.61	264	438558	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	541062	133.51	ng	0.00
7) Phenol-d6	7.07	99	645492	118.61	ng	0.00
23) Nitrobenzene-d5	9.05	82	477489	91.63	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	345195	149.14	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1093667	92.89	ng	0.00
79) Terphenyl-d14	19.90	244	1752792	90.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	69981	38.435	ng	# 52
3) Pyridine	3.76	79	168501	34.735	ng	99
4) n-Nitrosodimethylamine	3.66	42	88628	43.722	ng	98
6) Aniline	7.22	93	79172	11.721	ng	99
8) 2-Chlorophenol	7.46	128	231705	52.023	ng	99
9) Benzaldehyde	7.03	77	106162	34.253	ng	97
10) Phenol	7.10	94	238580	44.299	ng	98
11) bis(2-Chloroethyl)ether	7.31	93	210925	45.809	ng	97
12) 1,3-Dichlorobenzene	7.79	146	249957	47.004	ng	97
13) 1,4-Dichlorobenzene	7.93	146	247505	46.993	ng	100
14) 1,2-Dichlorobenzene	8.25	146	235444	47.294	ng	98
15) Benzyl Alcohol	8.13	79	188606	48.953	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.43	45	280909	45.075	ng	99
17) 2-Methylphenol	8.35	107	187210	48.720	ng	97
18) Hexachloroethane	8.98	117	91786	46.441	ng	98
19) n-Nitroso-di-n-propylamine	8.70	70	163687	45.133	ng	98
20) 3+4-Methylphenols	8.68	107	250320	47.269	ng	99
22) Acetophenone	8.71	105	314041	43.879	ng	99
24) Nitrobenzene	9.10	77	243336	47.831	ng	98
25) Isophorone	9.62	82	454581	46.802	ng	99
26) 2-Nitrophenol	9.81	139	135580	51.361	ng	99
27) 2,4-Dimethylphenol	9.88	122	211580	56.780	ng	100
28) bis(2-Chloroethoxy)methane	10.10	93	282240	43.559	ng	99
29) 2,4-Dichlorophenol	10.35	162	229831	51.009	ng	98
30) 1,2,4-Trichlorobenzene	10.56	180	245542	47.526	ng	99
31) Naphthalene	10.75	128	720952	50.509	ng	100
32) Benzoic acid	10.03	122	62805m	32.205	ng	
33) 4-Chloroaniline	10.85	127	24866	3.830	ng	98
34) Hexachlorobutadiene	11.04	225	143805	45.235	ng	98
35) Caprolactam	11.63	113	66818m	40.483	ng	
36) 4-Chloro-3-methylphenol	11.99	107	245388	51.944	ng	99
37) 2-Methylnaphthalene	12.36	142	530737	50.079	ng	99
38) 1-Methylnaphthalene	12.58	142	503541	50.397	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	273004	46.290	ng	99

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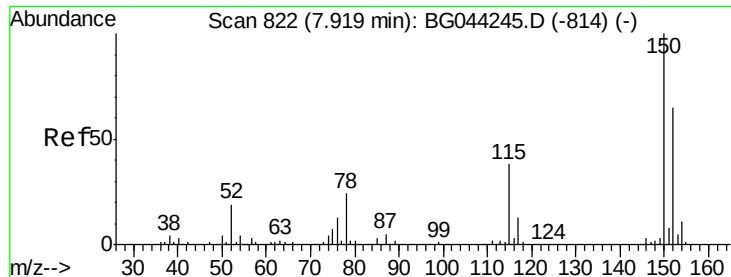
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	121381	42.892	nq	99
43) 2,4,6-Trichlorophenol	12.97	196	193428	50.740	nq	99
44) 2,4,5-Trichlorophenol	13.05	196	211711	54.372	nq	98
46) 1,1'-Biphenyl	13.37	154	675185	47.477	nq	100
47) 2-Chloronaphthalene	13.41	162	533936	47.181	nq	99
48) 2-Nitroaniline	13.61	65	157771	47.240	nq	99
49) Acenaphthylene	14.26	152	845131	50.916	nq	99
50) Dimethylphthalate	13.99	163	684398	48.291	nq	100
51) 2,6-Dinitrotoluene	14.11	165	156138	49.411	nq	99
52) Acenaphthene	14.60	154	528190	49.094	nq	99
53) 3-Nitroaniline	14.44	138	51659	14.776	nq	94
54) 2,4-Dinitrophenol	14.65	184	105770	58.729	nq	97
55) Dibenzofuran	14.94	168	818349	50.239	nq	99
56) 4-Nitrophenol	14.77	139	255109	99.618	nq	98
57) 2,4-Dinitrotoluene	14.90	165	222098	50.147	nq	98
58) Fluorene	15.58	166	658557	51.330	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	189238	53.806	nq	98
60) Diethylphthalate	15.36	149	673322	47.680	nq	99
61) 4-Chlorophenyl-phenylether	15.58	204	341239	49.054	nq	99
62) 4-Nitroaniline	15.61	138	154167	44.131	nq	97
63) Azobenzene	15.87	77	622015	50.256	nq	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	96587	40.627	nq	97
66) n-Nitrosodiphenylamine	15.79	169	611411	50.656	nq	99
67) 4-Bromophenyl-phenylether	16.47	248	228826	48.766	nq	97
68) Hexachlorobenzene	16.60	284	252481	48.028	nq	99
69) Atrazine	16.75	200	239045	57.783	nq	99
70) Pentachlorophenol	16.94	266	261562	97.669	nq	98
71) Phenanthrene	17.32	178	1060194	50.835	nq	99
72) Anthracene	17.42	178	1089525	52.841	nq	99
73) Carbazole	17.69	167	984685	51.803	nq	99
74) Di-n-butylphthalate	18.24	149	1188724	50.606	nq	100
75) Fluoranthene	19.34	202	1212271	50.247	nq	100
77) Benzidine	19.51	184	273073	24.762	nq	98
78) Pyrene	19.69	202	1225283	47.989	nq	99
80) Butylbenzylphthalate	20.59	149	538283	46.262	nq	99
81) Benzo(a)anthracene	21.51	228	1165215	47.554	nq	100
82) 3,3'-Dichlorobenzidine	21.42	252	141970	14.929	nq	100
83) Chrysene	21.57	228	1118872	47.240	nq	100
84) Bis(2-ethylhexyl)phthalate	21.43	149	762495	47.610	nq	99
85) Di-n-octyl phthalate	22.59	149	1334013	48.142	nq	100
86) Indeno(1,2,3-cd)pyrene	28.11	276	1490963	48.251	nq	# 87
88) Benzo(b)fluoranthene	23.64	252	1236121	48.914	nq	100
89) Benzo(k)fluoranthene	23.71	252	1232729	50.049	nq	100
90) Benzo(a)pyrene	24.47	252	1170011	48.967	nq	98
91) Dibenzo(a,h)anthracene	28.17	278	1250647	52.889	nq	98
92) Benzo(g,h,i)perylene	29.21	276	1147607	48.479	nq	99

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



#1

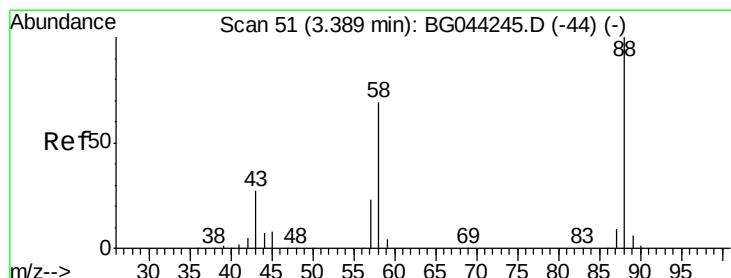
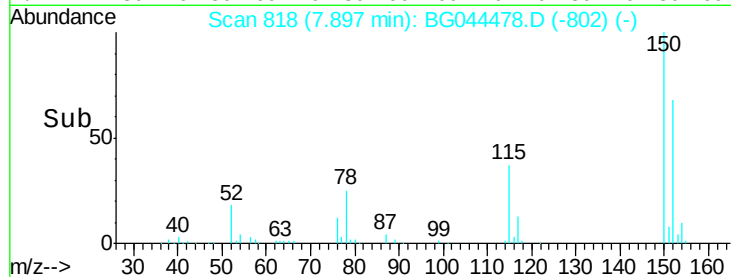
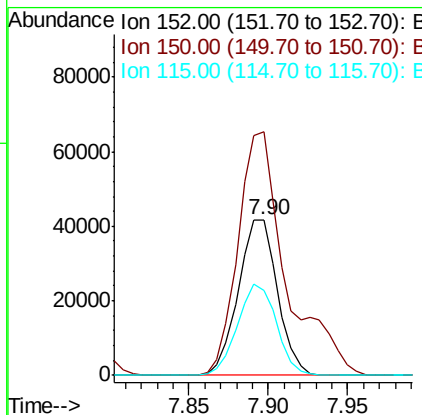
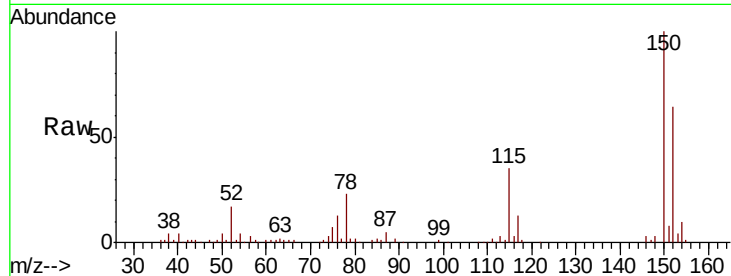
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.6	183.8
115	55.0	46.0	69.0

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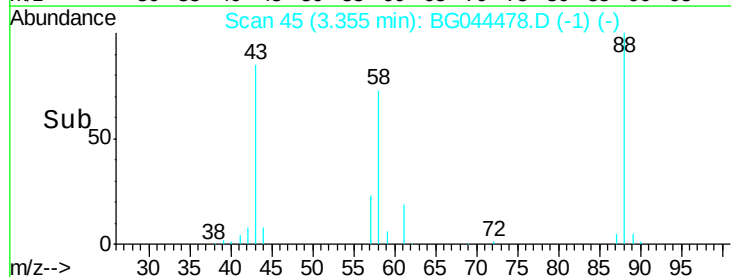
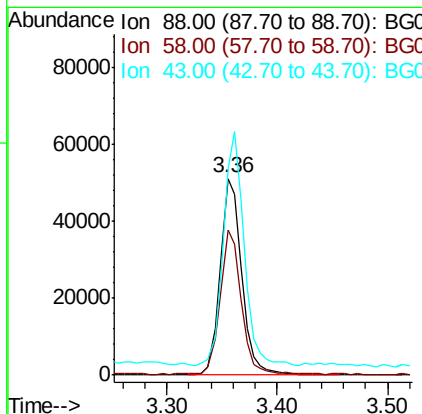
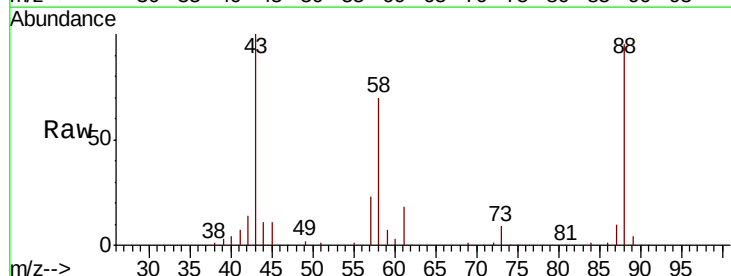
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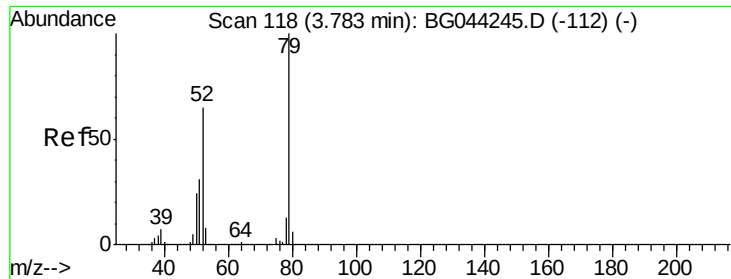


#2

1,4-Dioxane
Concen: 38.435 ng
RT: 3.36 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	55.8	83.6
43	114.2	21.6	32.4





#3

Pvridine

Concen: 34.735 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

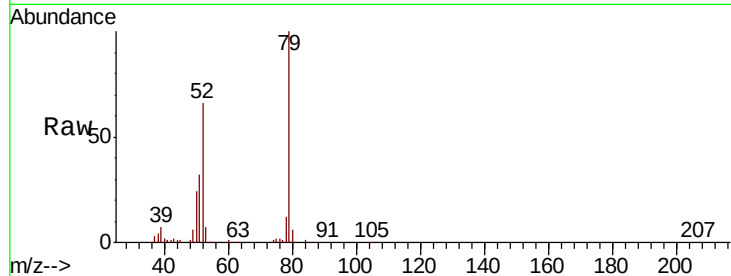
ClientSampleId :

CL-02-021420MSD

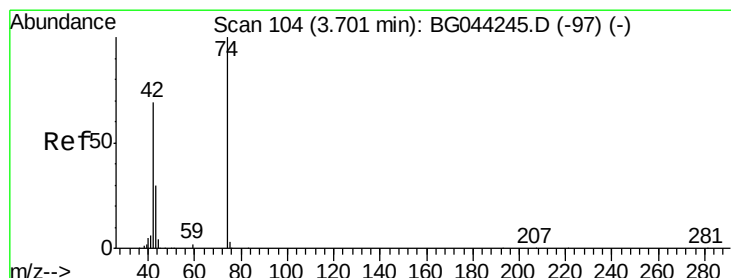
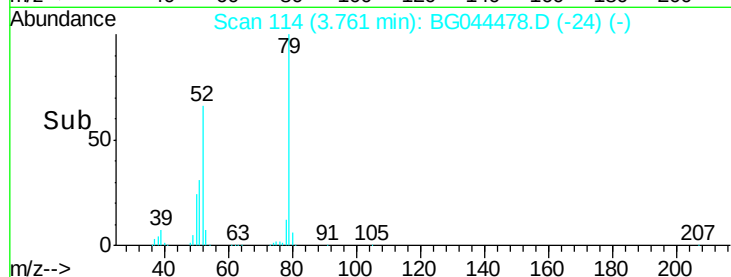
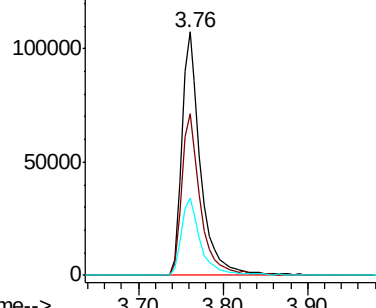
Tot Ion:	79	Resp:	168501
Ion Ratio	Lower	Upper	
79	100		
52	66.3	51.9	77.9
51	31.6	25.3	37.9

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.722 ng

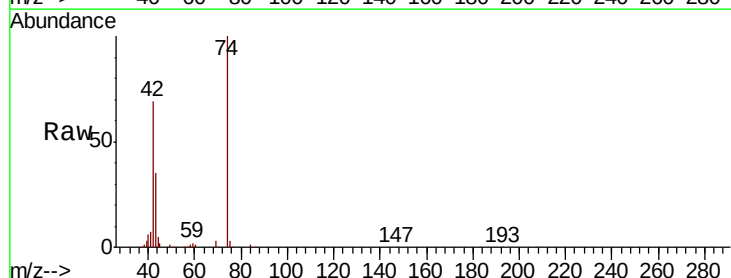
RT: 3.66 min Scan# 97

Delta R.T. -0.01 min

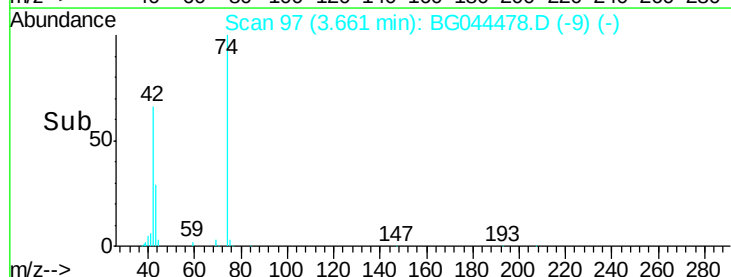
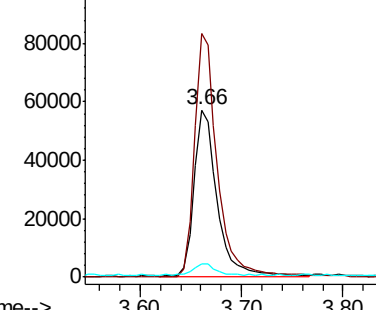
Lab File: BG044478.D

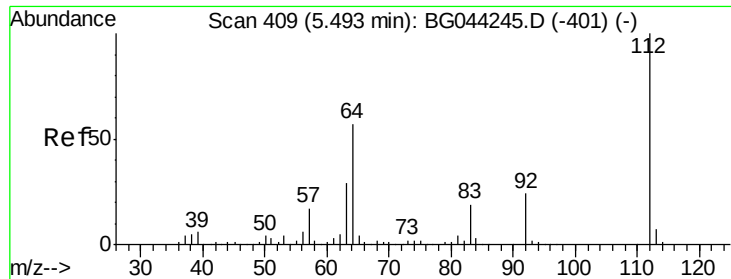
Acq: 18 Feb 2020 18:39

Tgt Ion:	42	Resp:	88628
Ion Ratio	Lower	Upper	
42	100		
74	145.8	115.1	172.7
44	7.6	5.6	8.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 133.512 ng

RT: 5.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

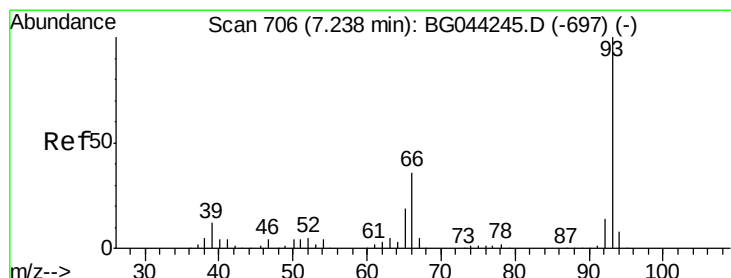
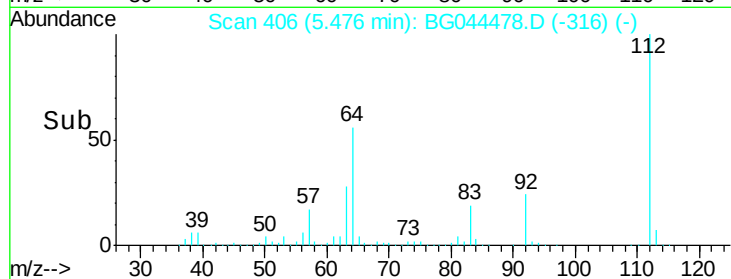
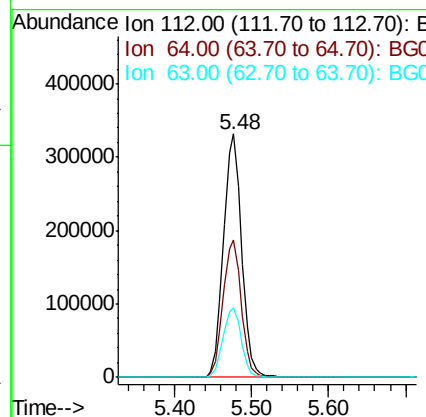
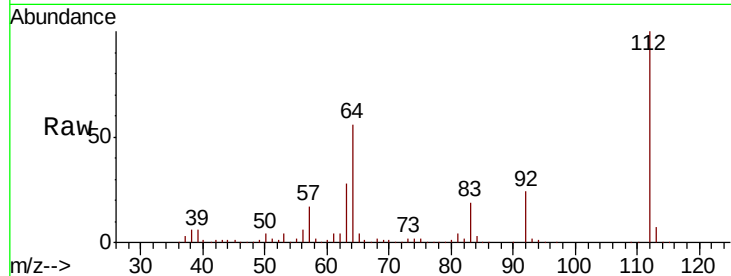
ClientSampleId :

CL-02-021420MSD

Tot Ion:	112	Resp:	541062
Ion Ratio	Lower	Upper	
112	100		
64	56.4	45.4	68.2
63	28.4	22.9	34.3

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#6

Aniline

Concen: 11.721 ng

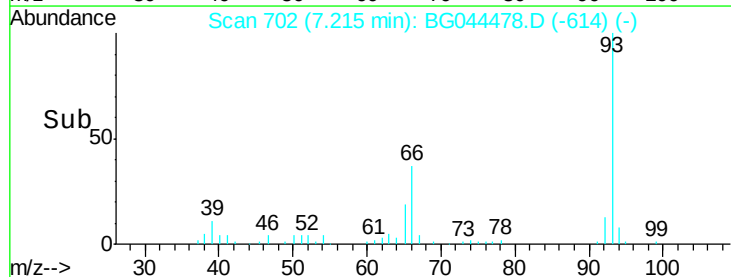
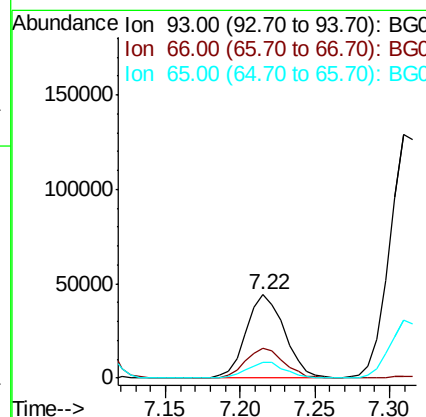
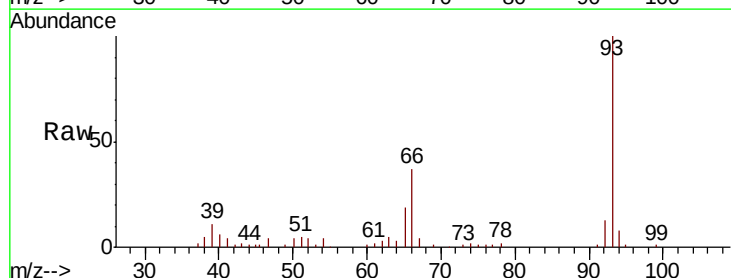
RT: 7.22 min Scan# 702

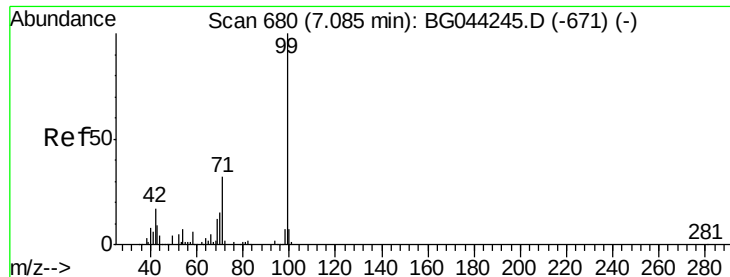
Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Tgt Ion:	93	Resp:	79172
Ion Ratio	Lower	Upper	
93	100		
66	36.6	28.7	43.1
65	19.2	15.4	23.0





#7

Phenol-d6

Concen: 118.614 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

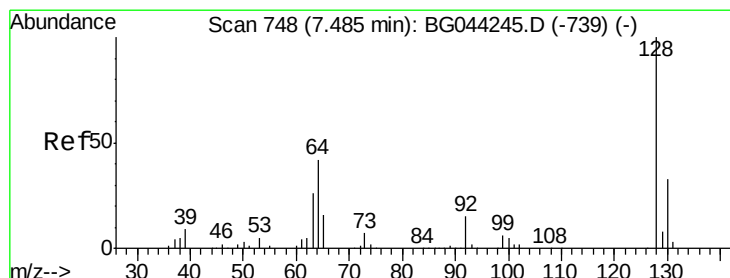
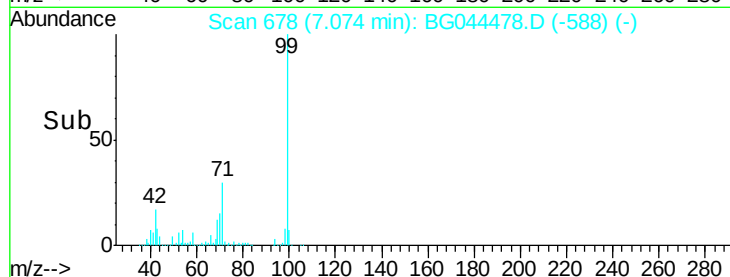
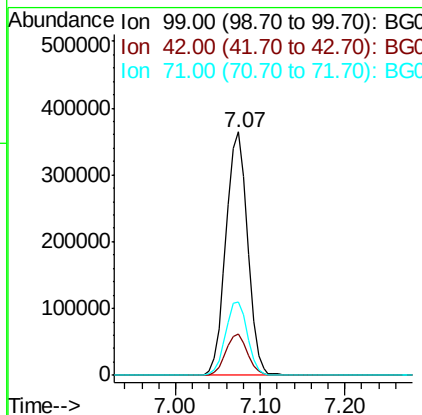
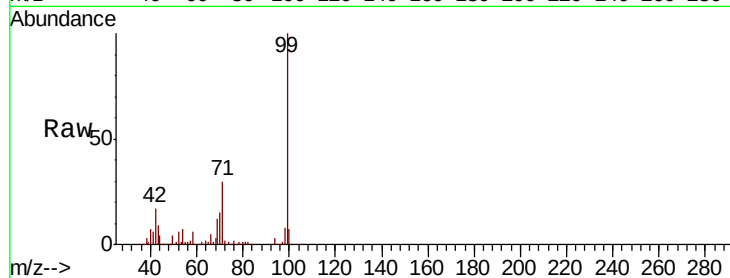
ClientSampleId :

CL-02-021420MSD

Tot Ion:	99	Resp:	645492
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.8	20.6
71	30.3	25.5	38.3

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#8

2-Chlorophenol

Concen: 52.023 ng

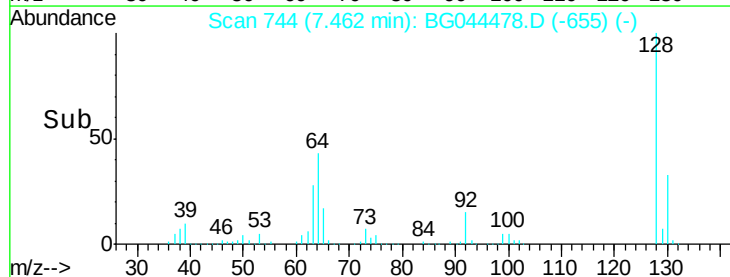
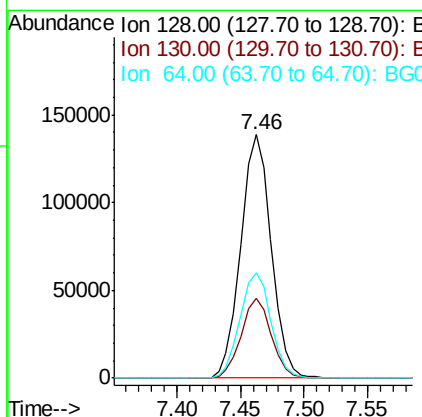
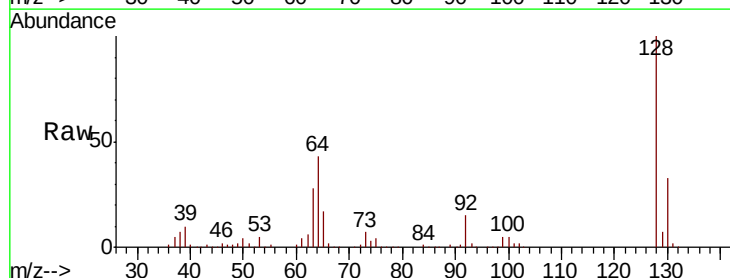
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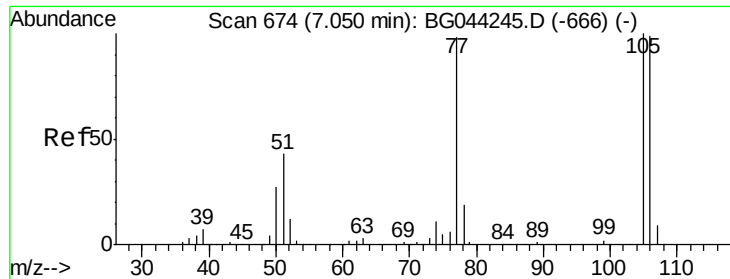
Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Tgt Ion:	128	Resp:	231705
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.5	52.5
64	43.2	24.2	64.2





#9

Benzaldehyde

Concen: 34.253 ng

RT: 7.03 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

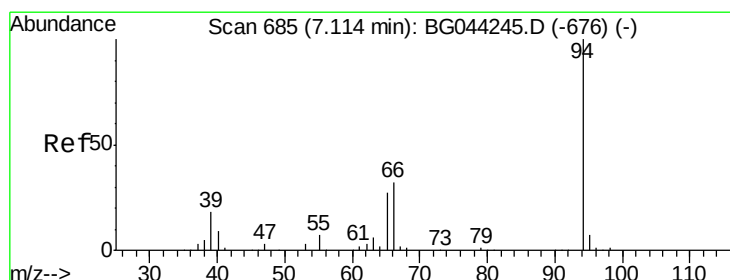
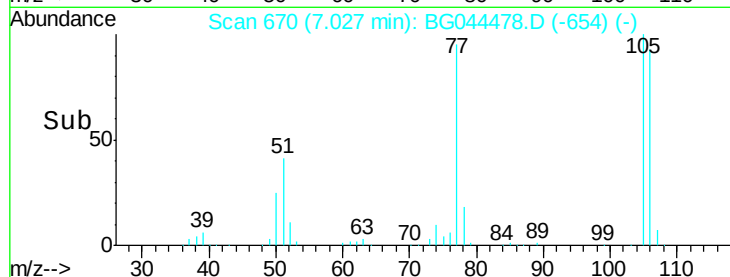
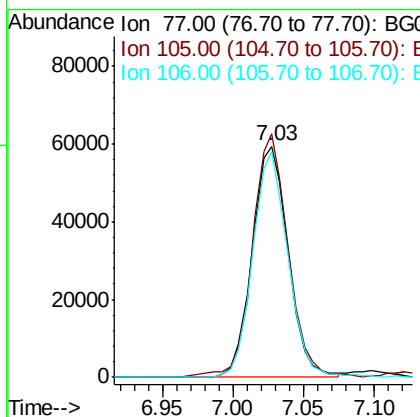
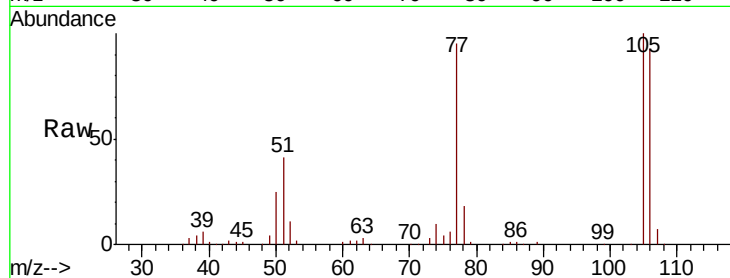
ClientSampleId :

CL-02-021420MSD

Tot Ion:	77	Resp:	106162
Ion Ratio	Lower	Upper	
77	100		
105	105.3	82.0	122.0
106	97.5	80.7	120.7

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#10

Phenol

Concen: 44.299 ng

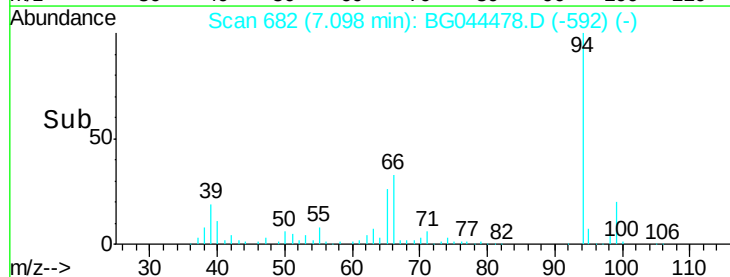
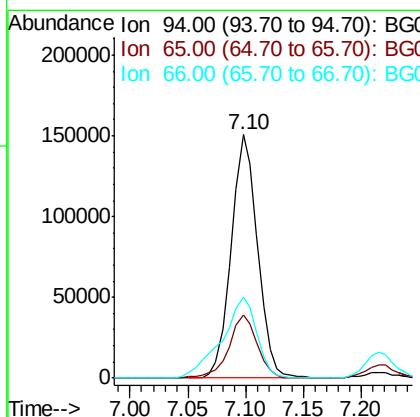
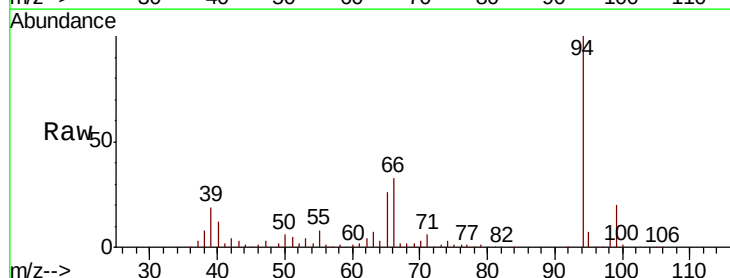
RT: 7.10 min Scan# 682

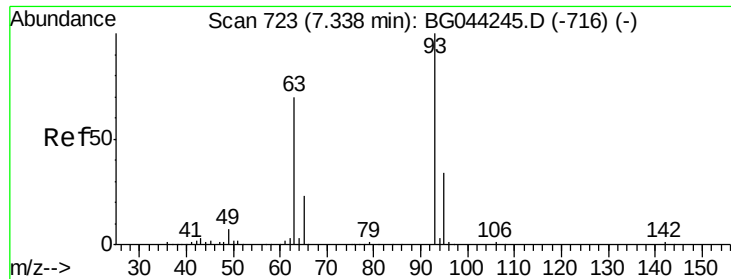
Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Tgt Ion:	94	Resp:	238580
Ion Ratio	Lower	Upper	
94	100		
65	25.9	7.0	47.0
66	33.5	12.7	52.7





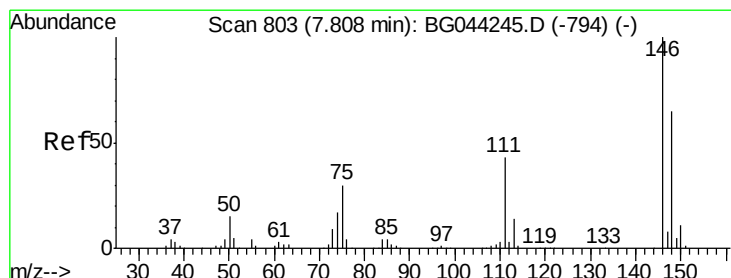
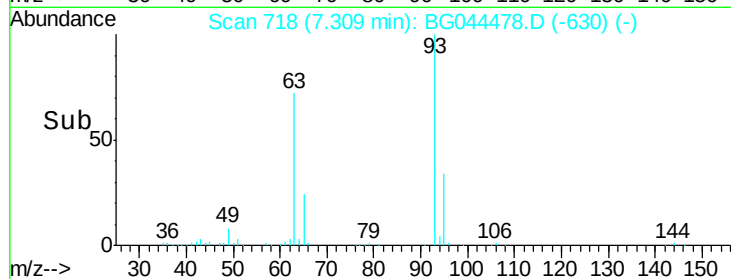
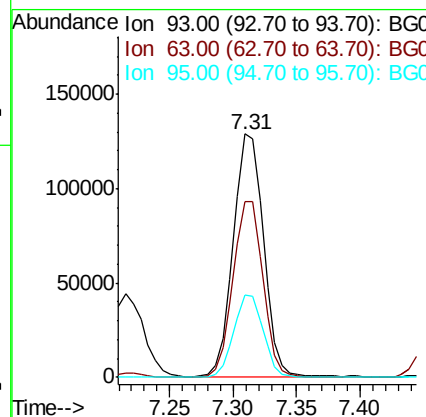
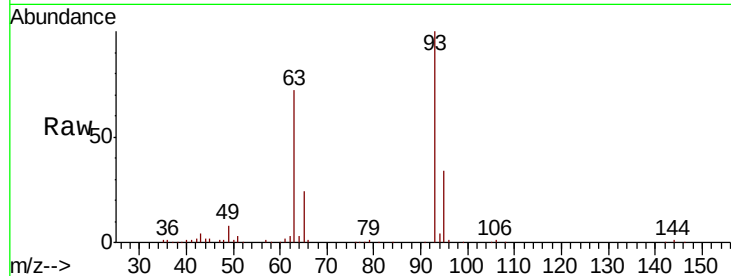
#11
bis(2-Chloroethyl)ether
Concen: 45.809 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion	93	Resp	210925
Ion Ratio	Lower	Upper	
93	100		
63	72.1	49.2	89.2
95	33.8	13.6	53.6

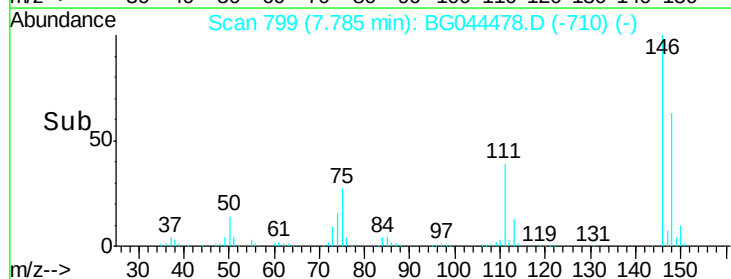
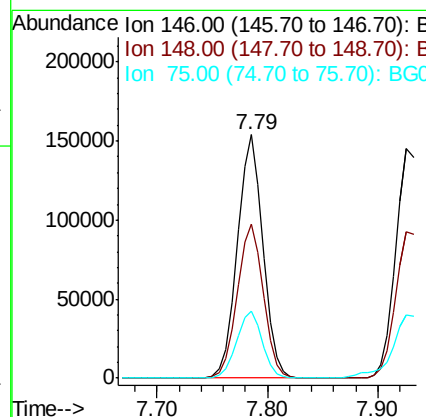
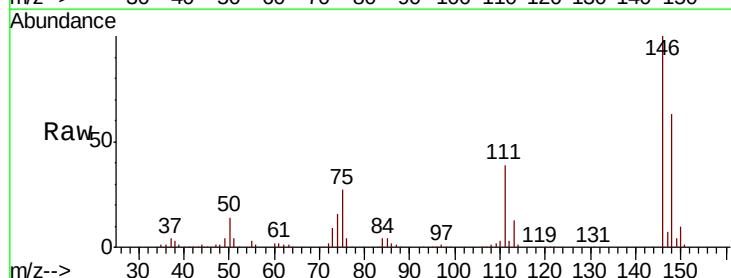
Manual Integrations
APPROVED

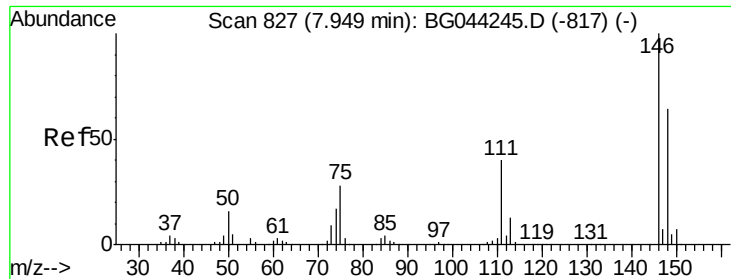
mohammad
2/20/2020 8:57:31 AM



#12
1,3-Dichlorobenzene
Concen: 47.004 ng
RT: 7.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	146	Resp	249957
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.8	77.8
75	27.3	23.7	35.5





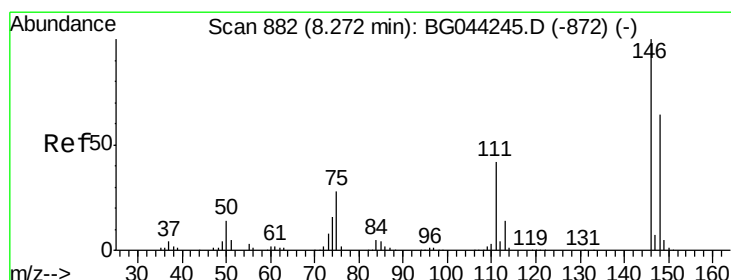
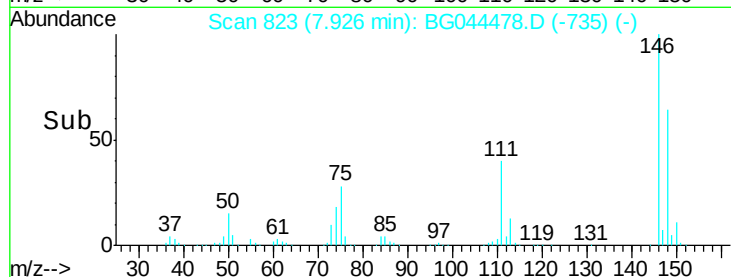
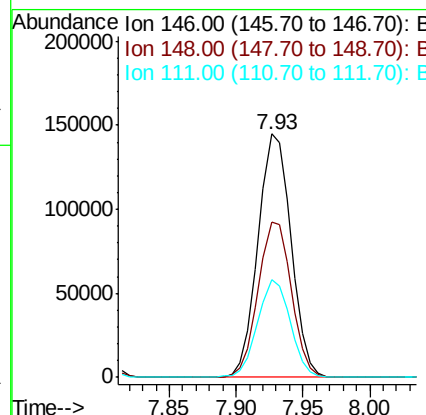
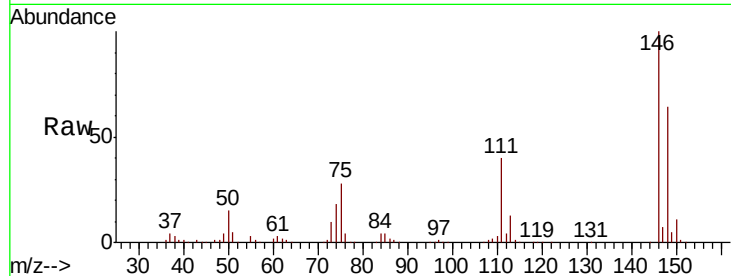
#13
1,4-Dichlorobenzene
Concen: 46.993 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
111	40.0	31.8	47.8

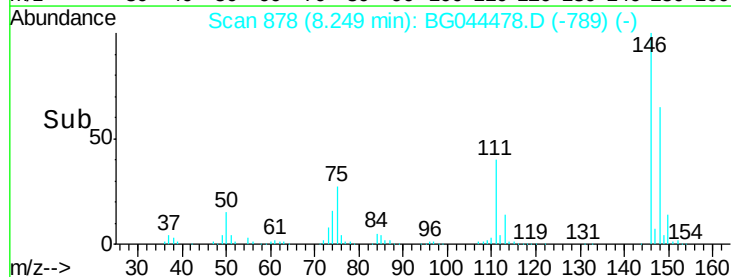
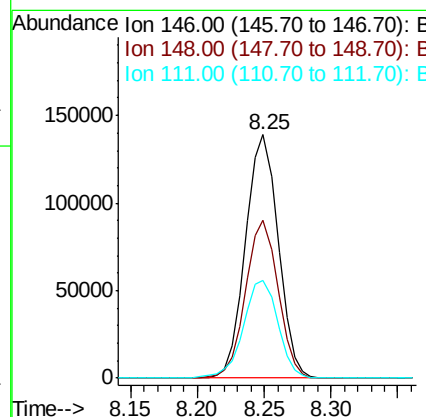
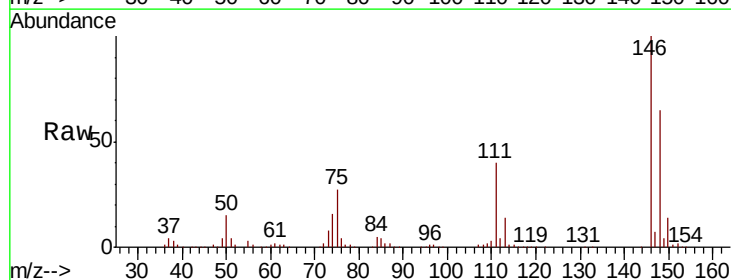
Manual Integrations
APPROVED

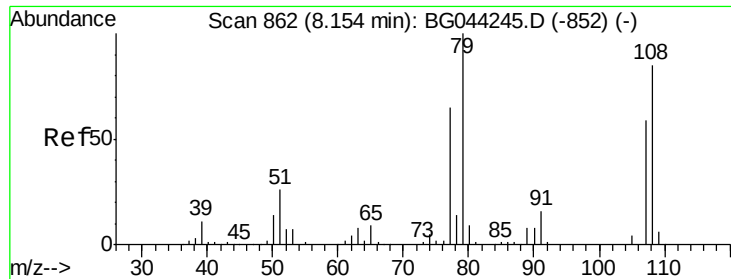
mohammad
2/20/2020 8:57:31 AM



#14
1,2-Dichlorobenzene
Concen: 47.294 ng
RT: 8.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.2	76.8
111	40.0	34.0	51.0





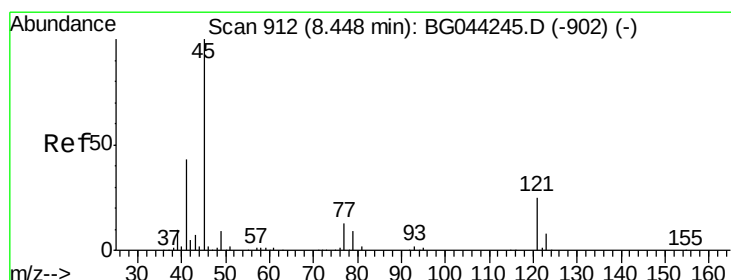
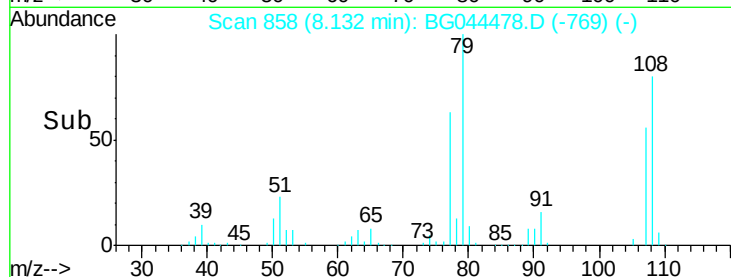
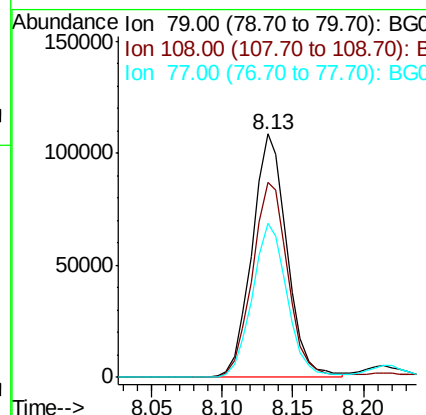
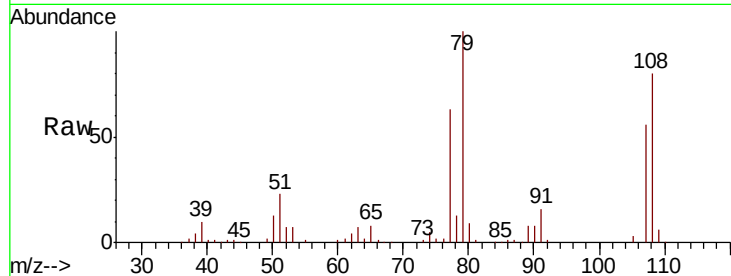
#15
Benzyl Alcohol
Concen: 48.953 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.2	68.3	102.5
77	63.0	51.8	77.8

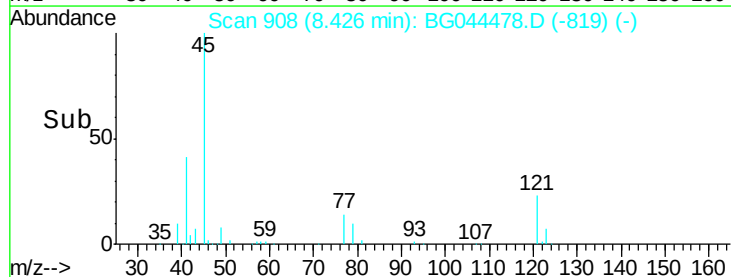
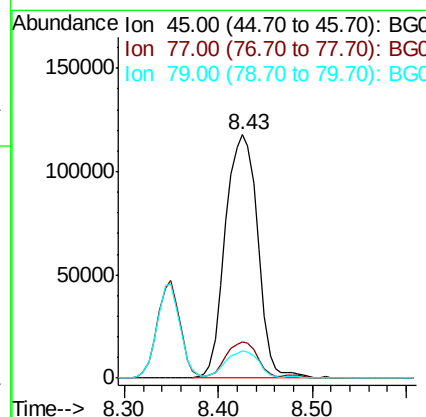
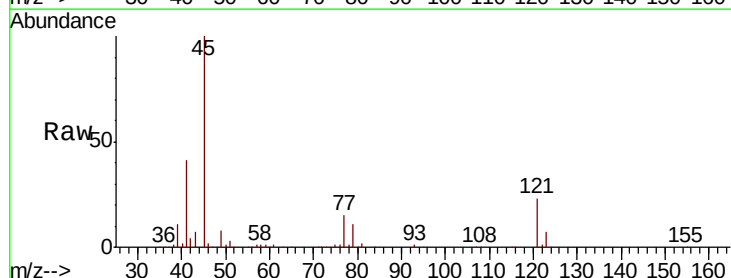
Manual Integrations
APPROVED

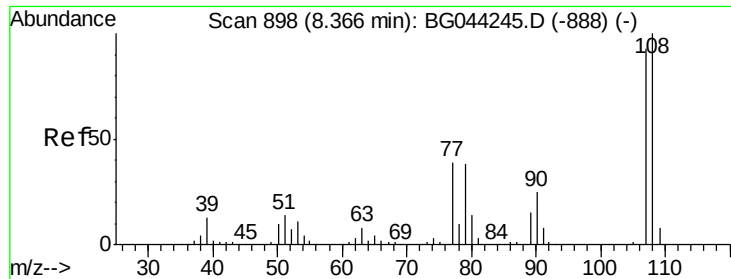
mohammad
2/20/2020 8:57:31 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.075 ng
RT: 8.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	35.2
79	11.0	0.0	31.1





#17

2-Methylphenol

Concen: 48.720 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

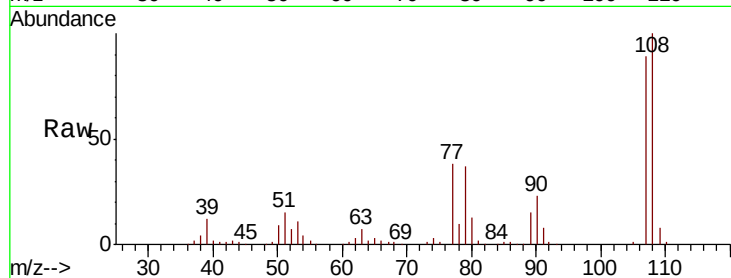
ClientSampleId :

CL-02-021420MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	187210		
108	112.8	86.4	129.6	
77	43.1	34.0	51.0	
79	41.4	32.9	49.3	

Manual Integrations
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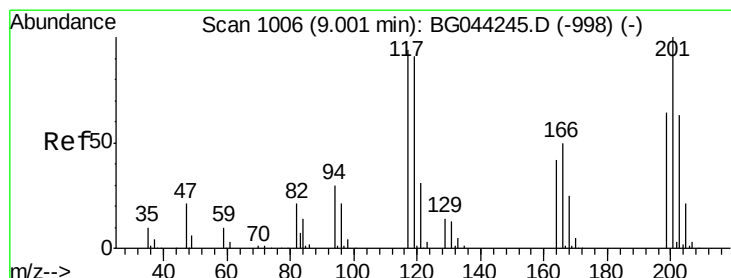
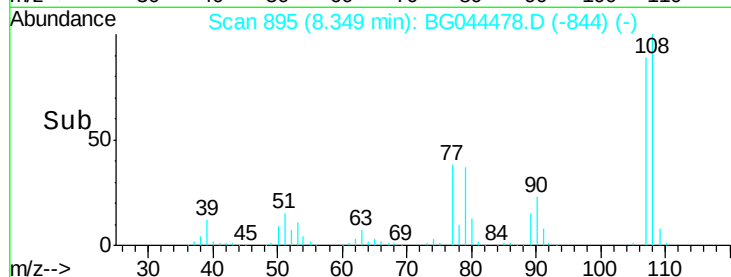
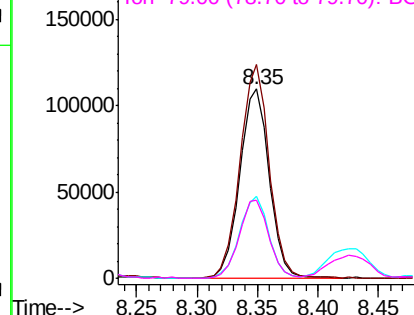
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 46.441 ng

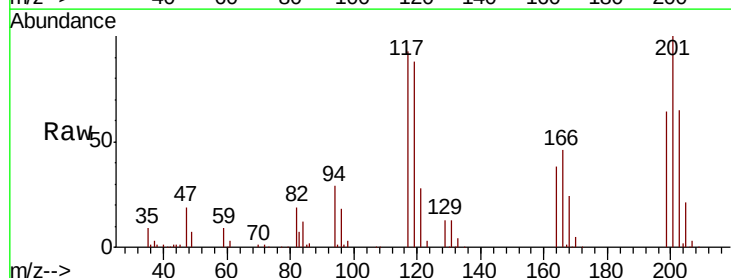
RT: 8.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	91786		
119	93.8	77.5	116.3	
201	107.0	84.9	127.3	

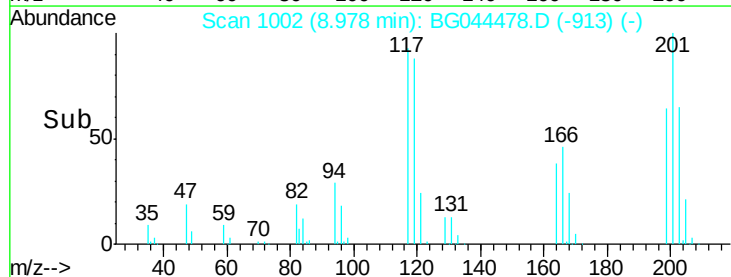
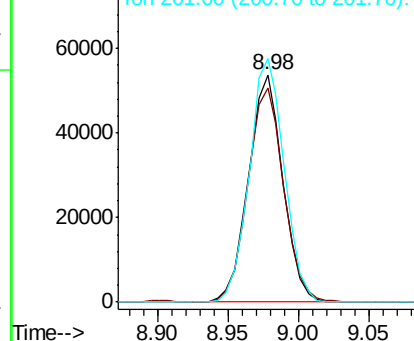


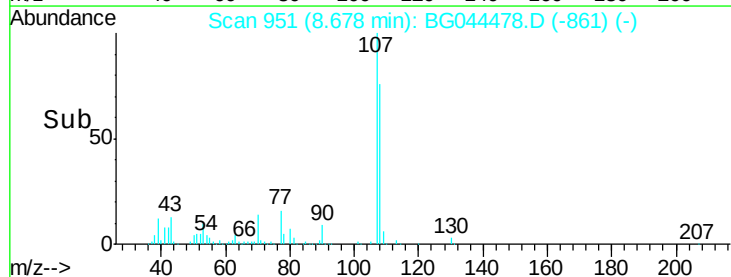
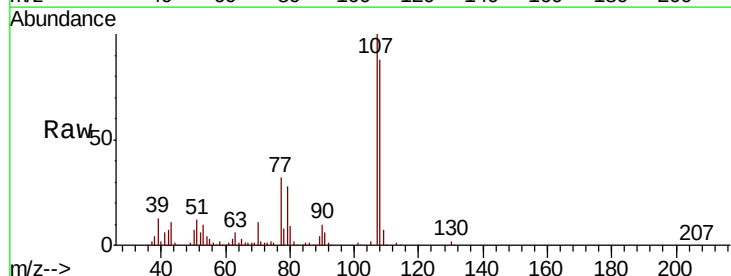
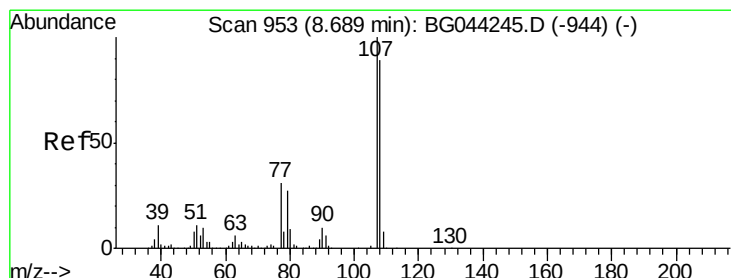
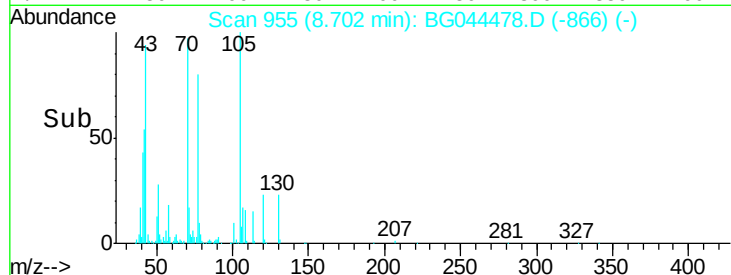
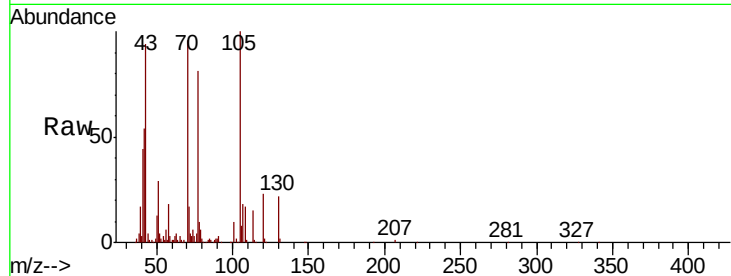
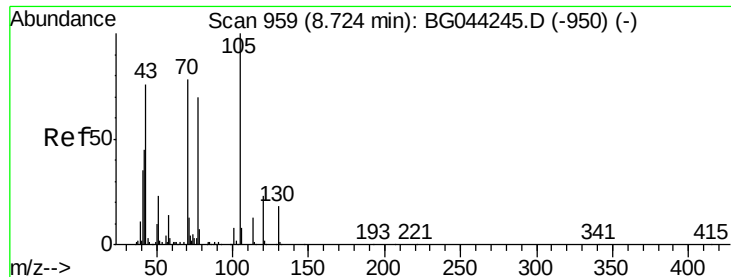
Abundance

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





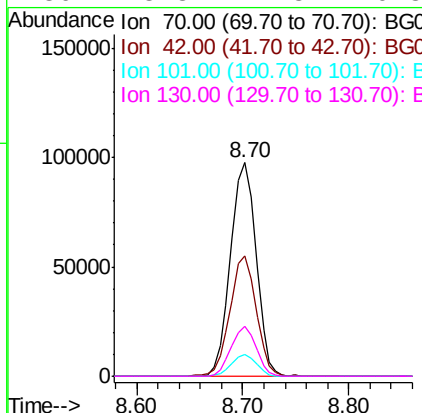
#19
n-Nitroso-di-n-propylamine
Concen: 45.133 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.3	46.2	69.2	
101	10.3	8.4	12.6	
130	23.3	17.8	26.8	

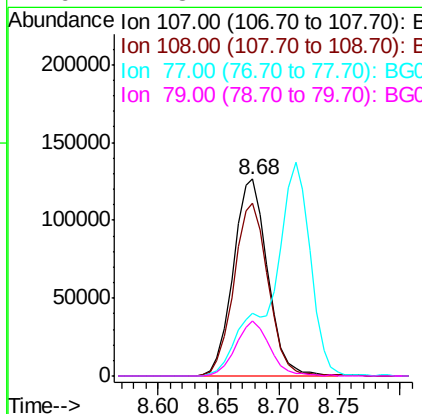
Manual Integrations
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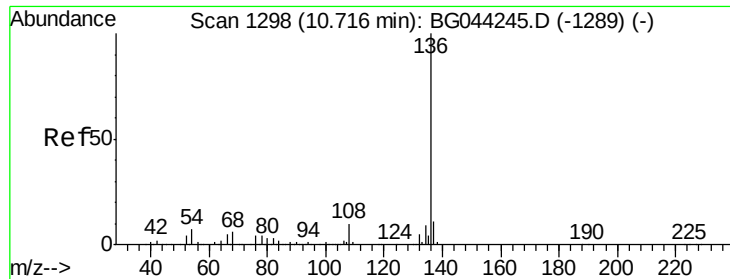
mohammad
2/20/2020 8:57:31 AM



#20
3+4-Methylphenols
Concen: 47.269 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.6	68.5	108.5	
77	31.7	10.9	50.9	
79	27.8	7.1	47.1	





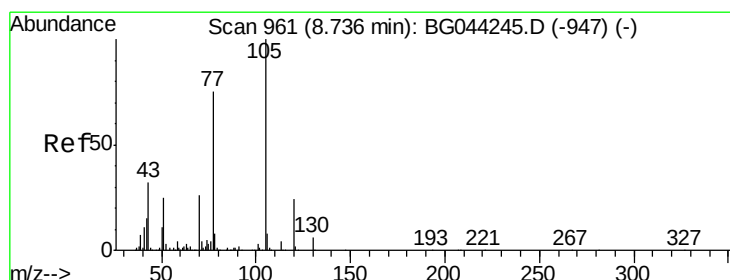
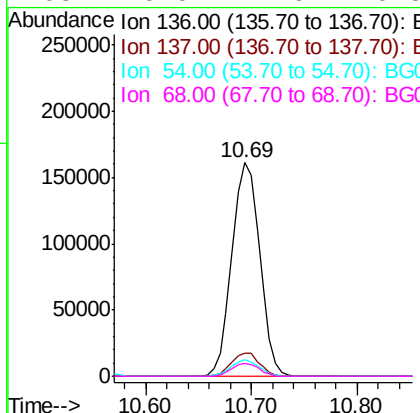
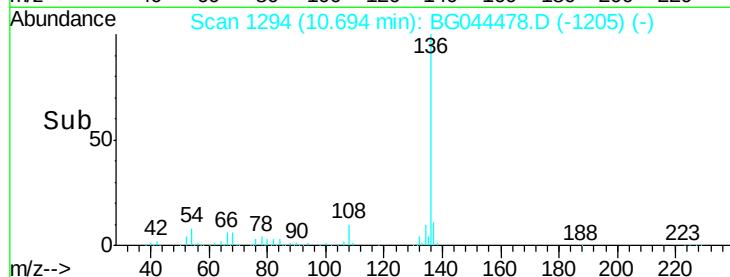
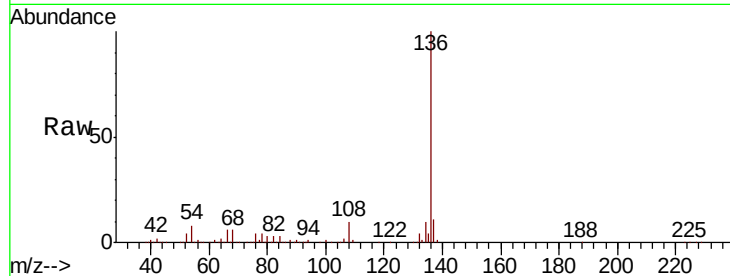
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	294201		
137	11.0		8.8	13.2
54	7.6		5.8	8.8
68	6.0		4.6	6.8

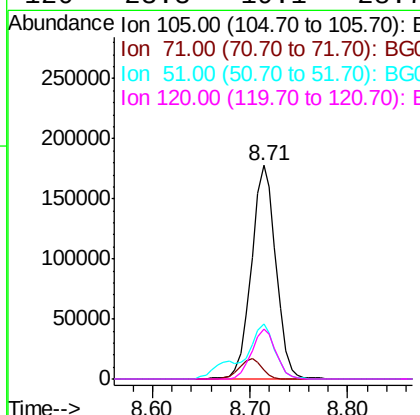
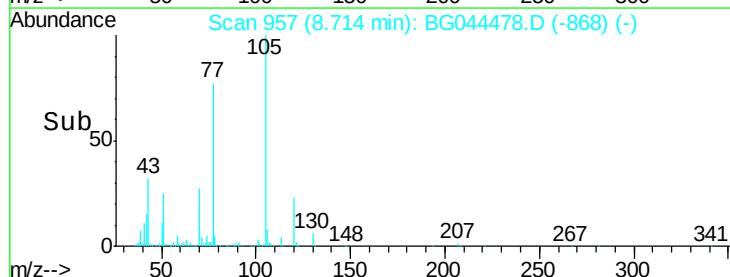
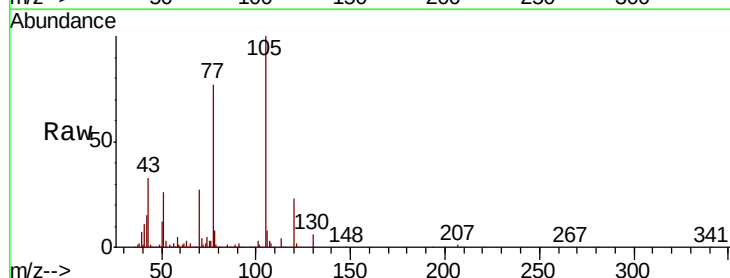
Manual Integrations
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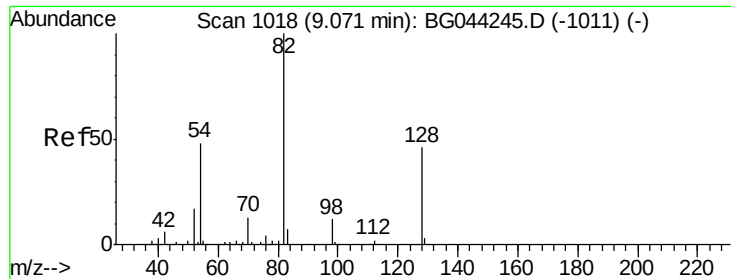
mohammad
2/20/2020 8:57:31 AM



#22
Acetophenone
Concen: 43.879 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	314041		
71	4.3		3.4	5.0
51	25.5		20.2	30.4
120	23.3		19.1	28.7





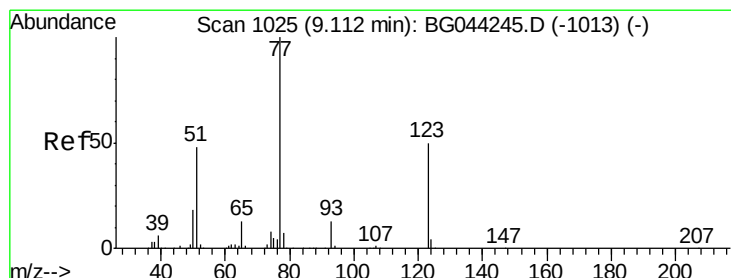
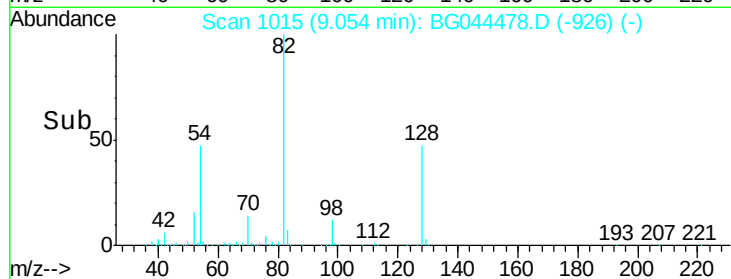
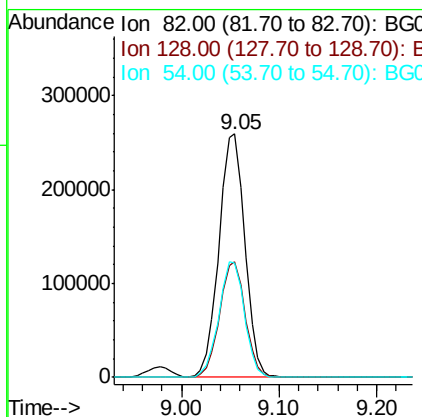
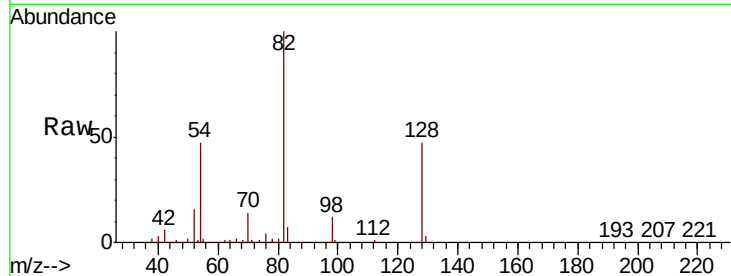
#23
 Nitrobenzene-d5
 Concen: 91.629 ng
 RT: 9.05 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	477489		
128	47.4		36.5	54.7
54	46.8		38.6	58.0

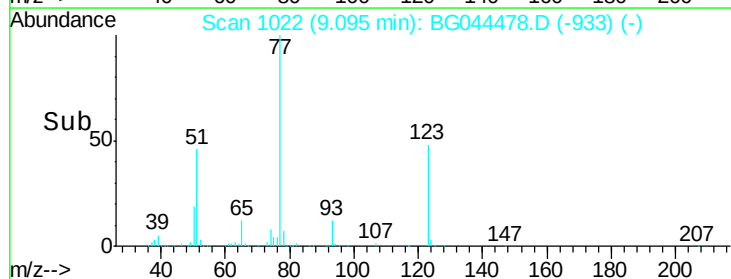
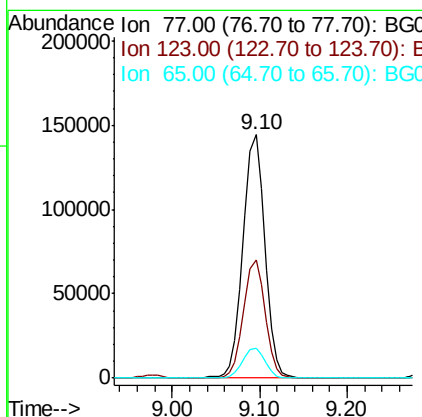
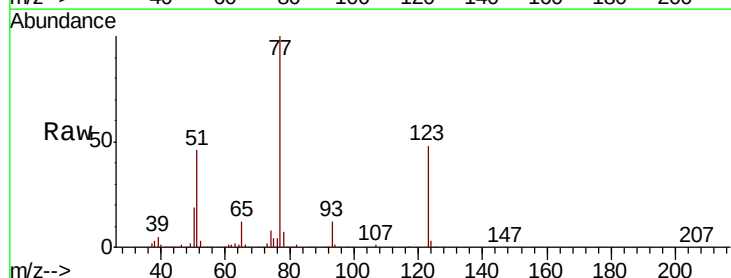
Manual Integrations
 APPROVED

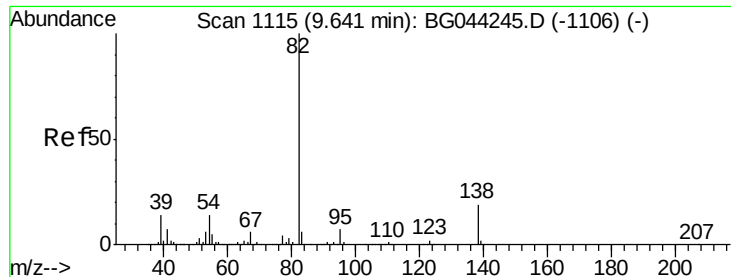
mohammad
 2/20/2020 8:57:31 AM



#24
 Nitrobenzene
 Concen: 47.831 ng
 RT: 9.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	243336		
123	48.4		39.9	59.9
65	12.1		10.4	15.6





#25

Isophorone

Concen: 46.802 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

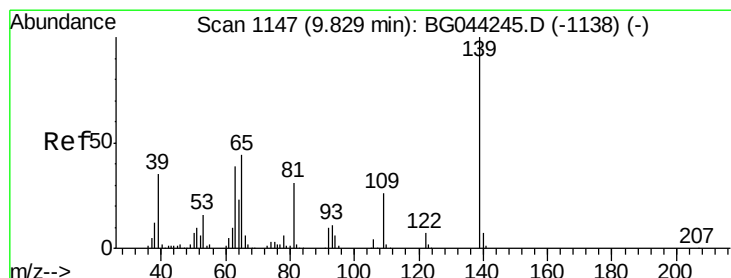
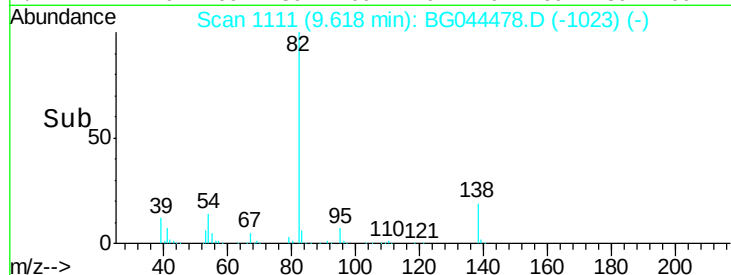
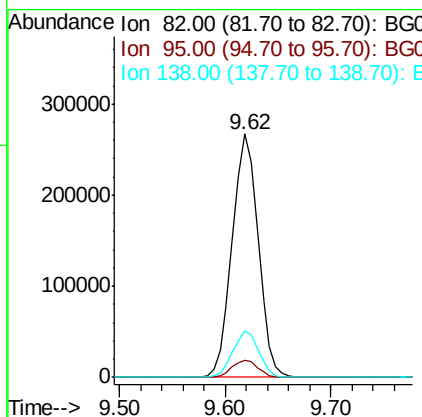
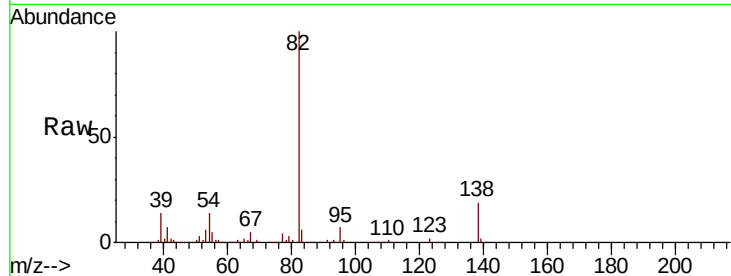
ClientSampleId :

CL-02-021420MSD

Tot Ion:	82	Resp:	454581
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.7	8.5
138	19.0	15.0	22.4

Manual Integrations
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2/20/2020 8:57:31 AM



#26

2-Nitrophenol

Concen: 51.361 ng

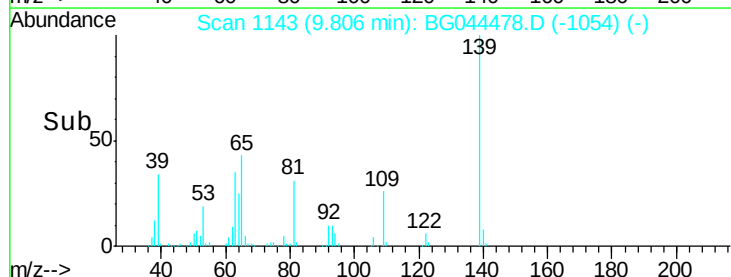
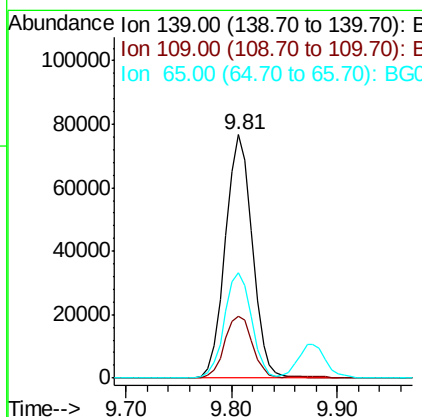
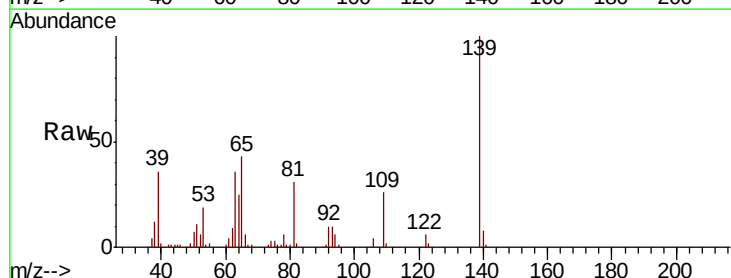
RT: 9.81 min Scan# 1143

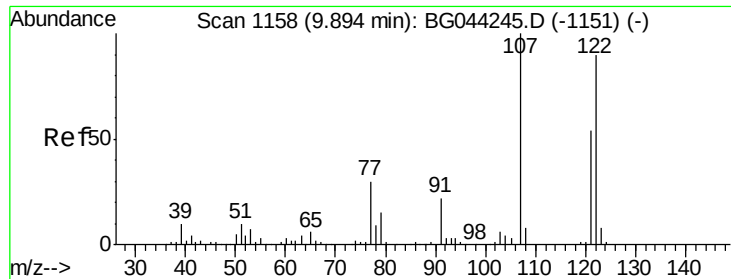
Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Tgt Ion:	139	Resp:	135580
Ion Ratio	Lower	Upper	
139	100		
109	25.6	21.0	31.4
65	43.4	35.0	52.4





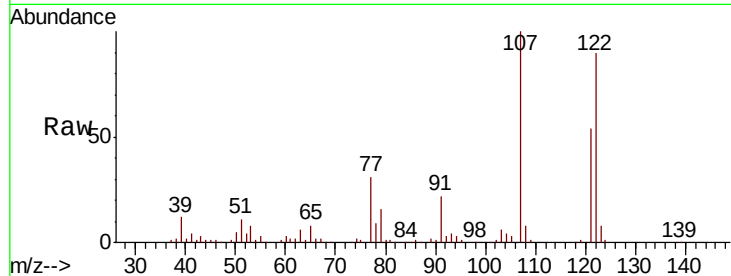
#27
2,4-Dimethylphenol
Concen: 56.780 ng
RT: 9.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.1	88.8	133.2
121	60.4	48.3	72.5

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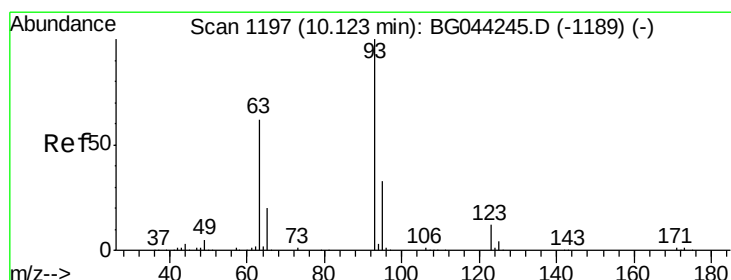
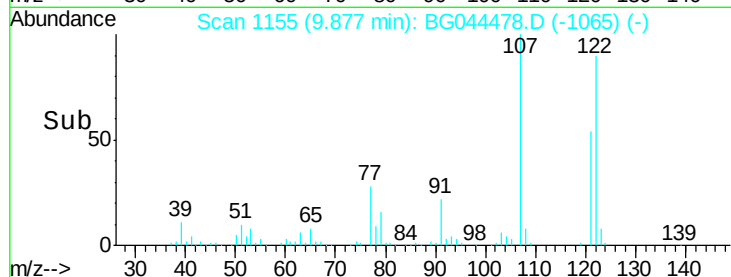
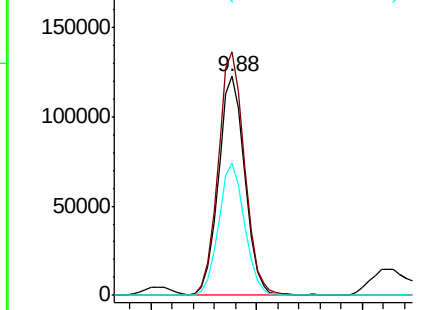


Abundance

Ion 122.00 (121.70 to 122.70): E

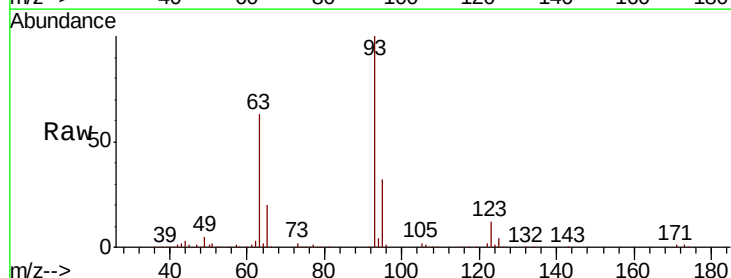
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.559 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.6	40.0
123	12.2	10.0	15.0

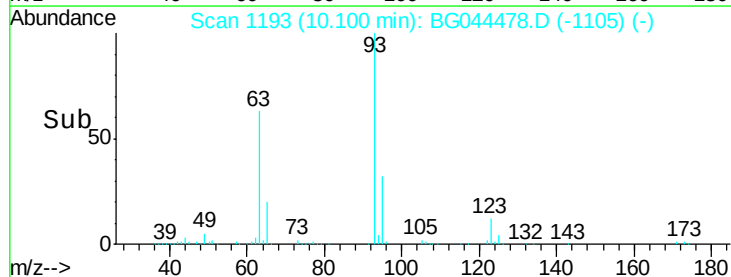
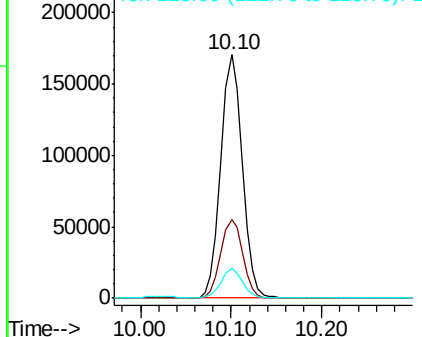


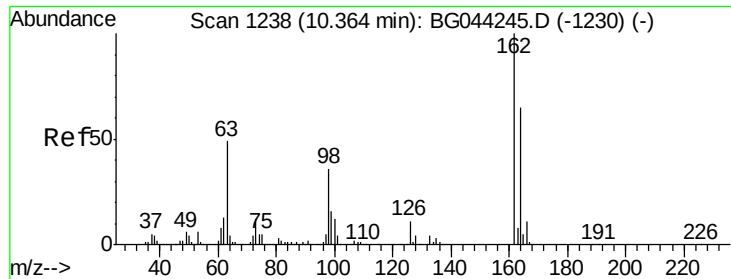
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





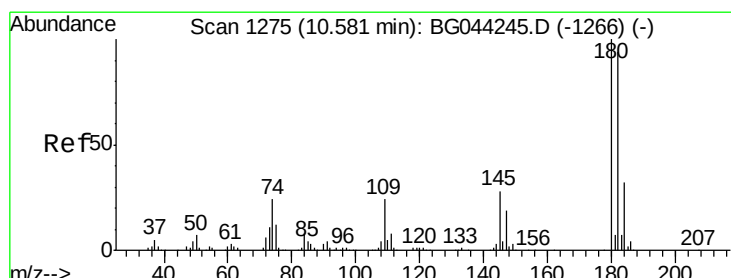
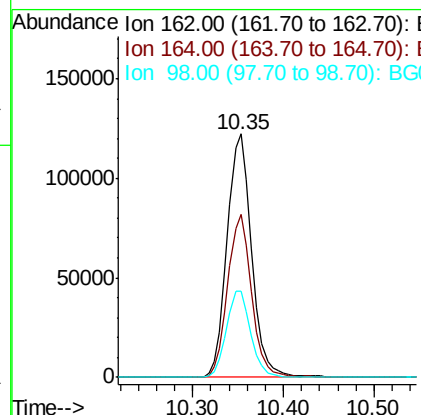
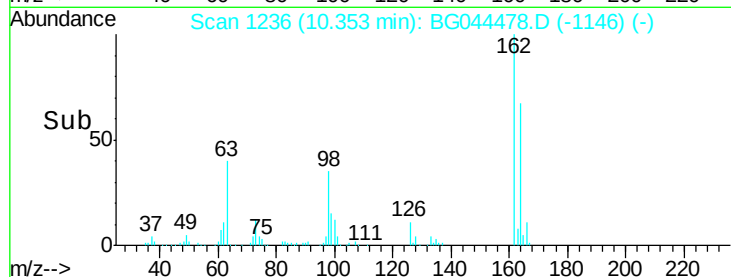
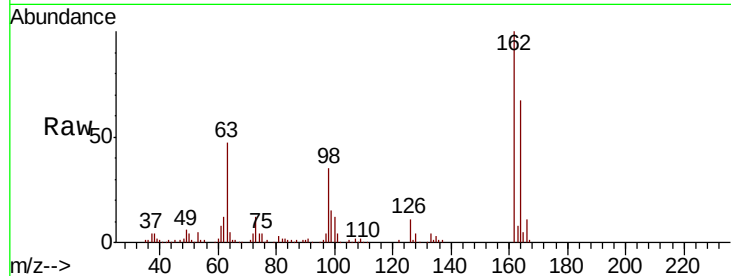
#29
 2,4-Dichlorophenol
 Concen: 51.009 ng
 RT: 10.35 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	229831		
164	67.1	44.7	84.7	
98	35.2	15.8	55.8	

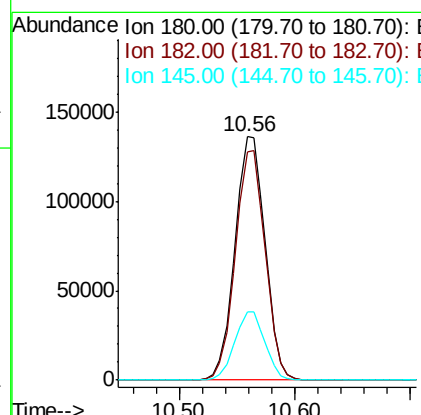
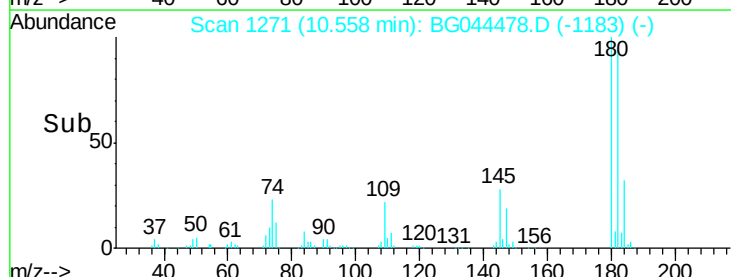
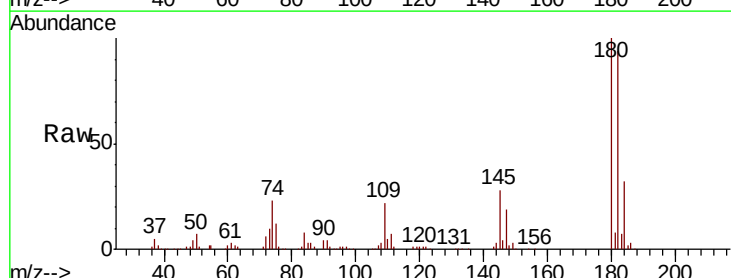
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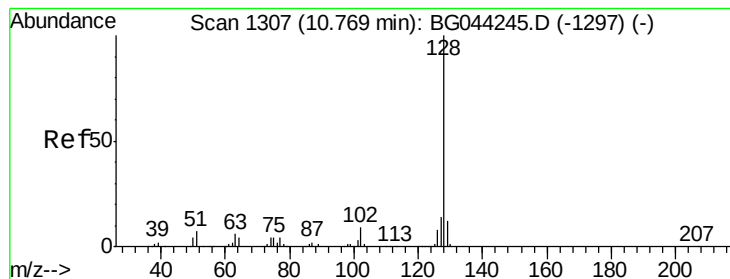
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.526 ng
 RT: 10.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	245542		
182	94.0	75.5	113.3	
145	27.9	22.6	34.0	





#31

Naphthalene

Concen: 50.509 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

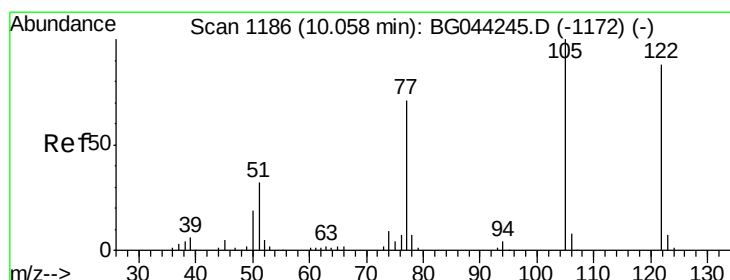
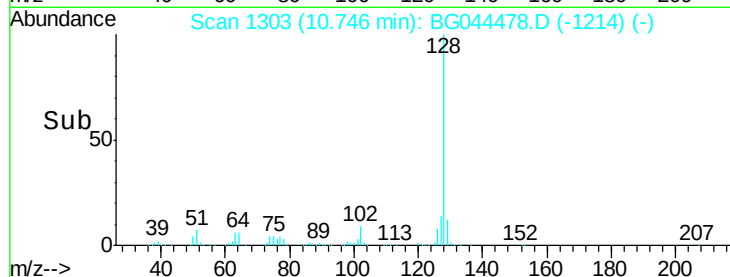
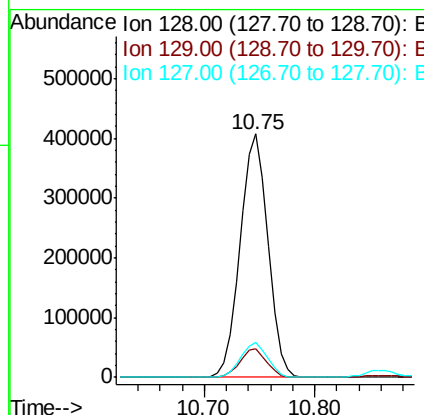
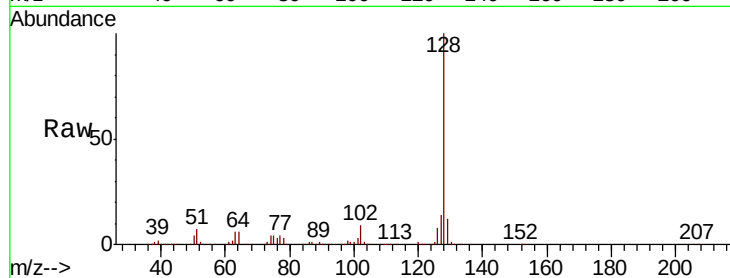
ClientSampleId :

CL-02-021420MSD

Tot Ion:	128	Resp:	720952
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.3	13.9
127	14.4	11.6	17.4

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#32

Benzoic acid

Concen: 32.205 ng m

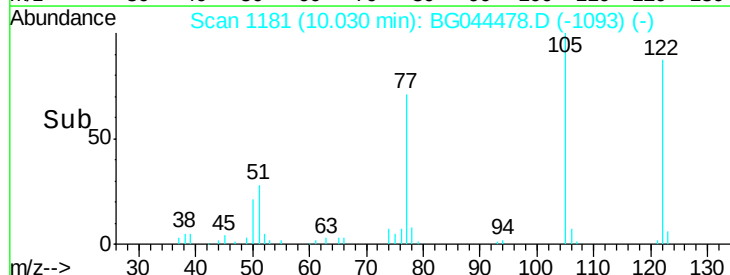
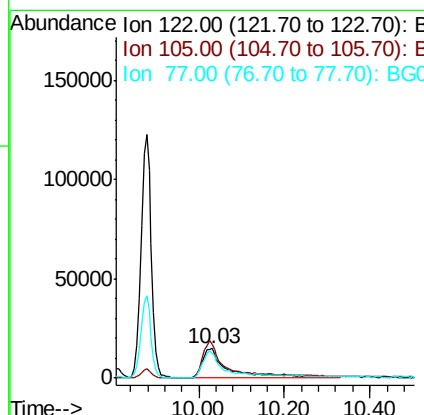
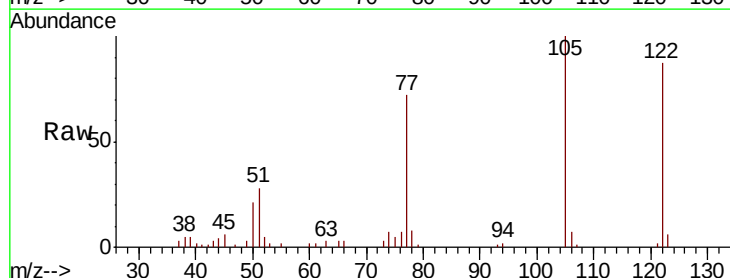
RT: 10.03 min Scan# 1181

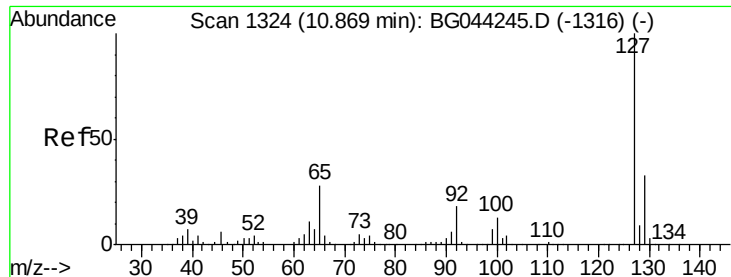
Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Tgt Ion:	122	Resp:	62805
Ion Ratio	Lower	Upper	
122	100		
105	114.3	93.5	133.5
77	81.9	61.0	101.0





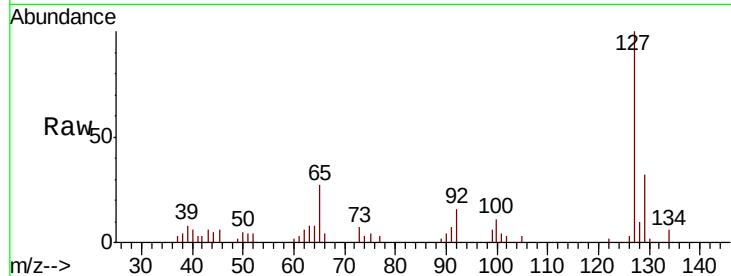
#33
4-Chloroaniline
Concen: 3.830 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

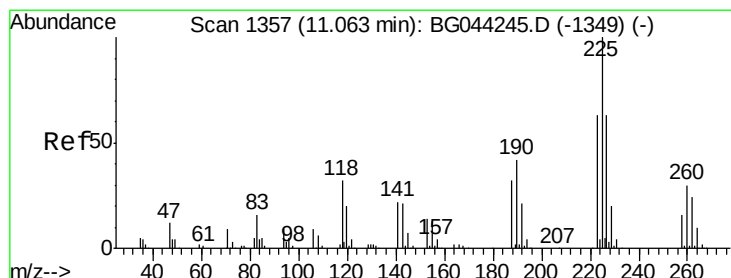
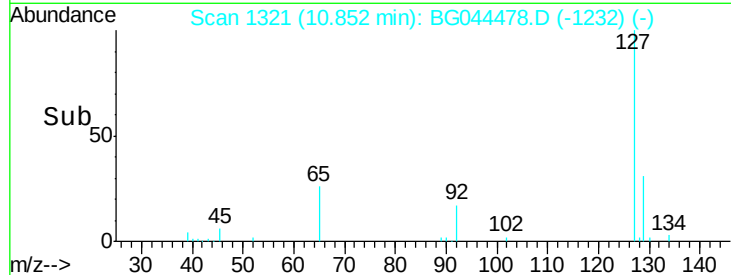
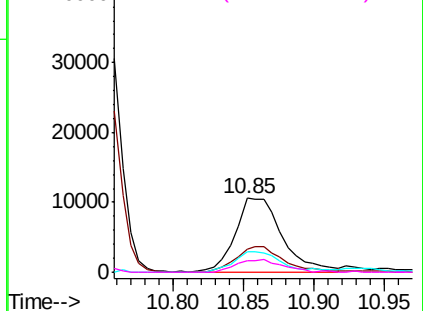
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		24866		
129	32.1	26.6	40.0		
65	27.2	22.5	33.7		
92	15.9	14.1	21.1		

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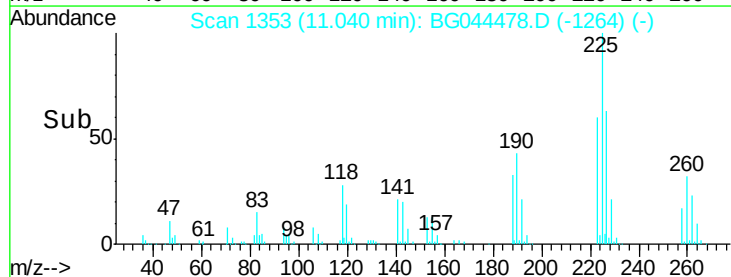
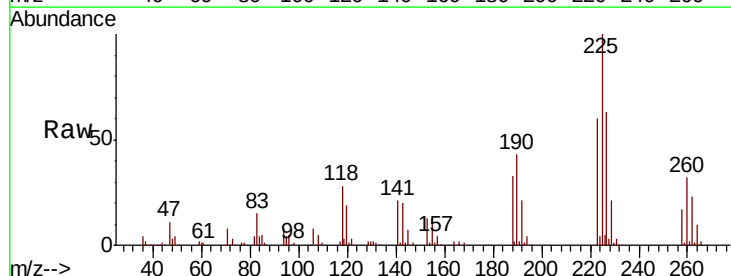
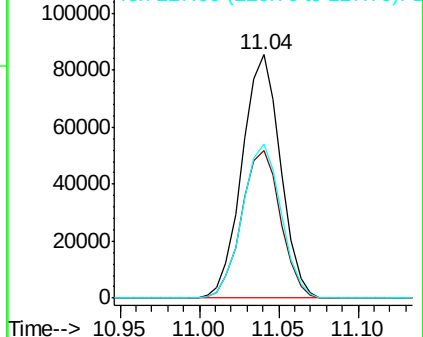
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

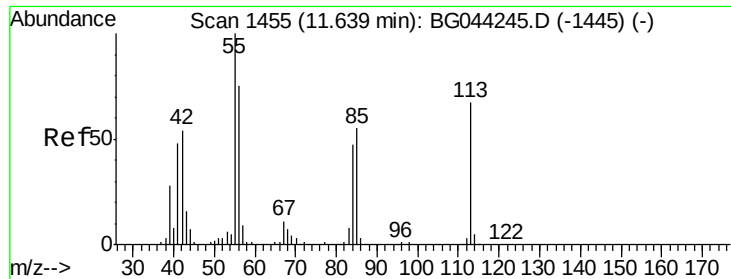


#34
Hexachlorobutadiene
Concen: 45.235 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		143805		
223	60.4	50.2	75.4		
227	63.4	50.8	76.2		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.483 ng/mL

RT: 11.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampleId :

CL-02-021420MSD

Tot Ion:113 Resp: 66818

Ion Ratio Lower Upper

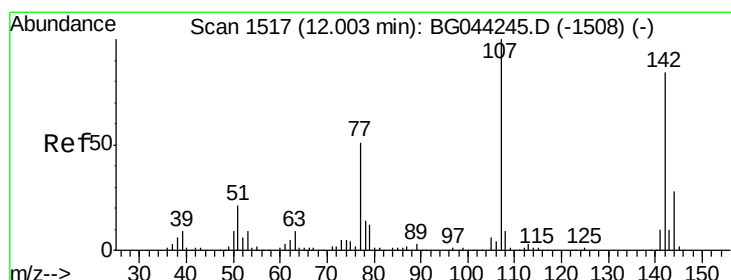
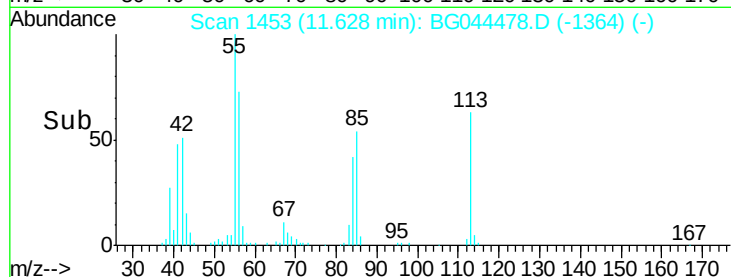
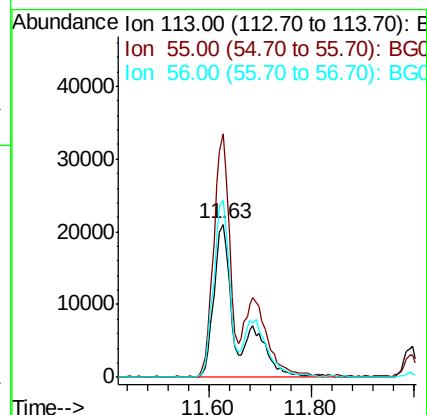
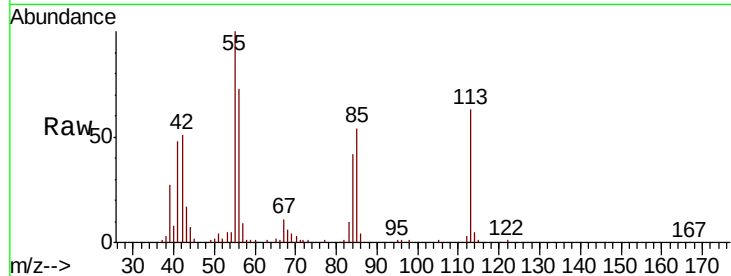
113 100

55 158.9 129.9 169.9

56 115.5 92.5 132.5

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#36

4-Chloro-3-methylphenol

Concen: 51.944 ng/mL

RT: 11.99 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

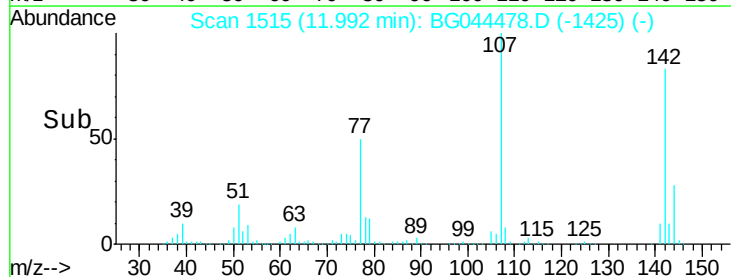
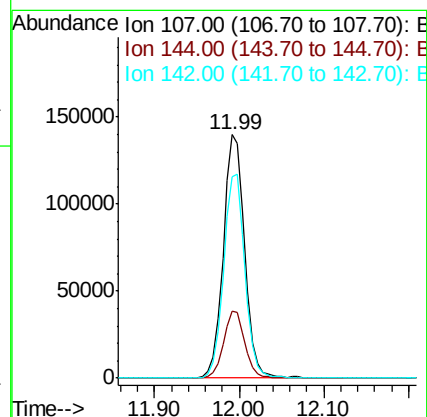
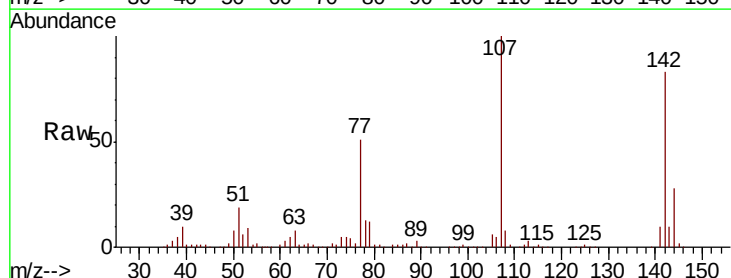
Tgt Ion:107 Resp: 245388

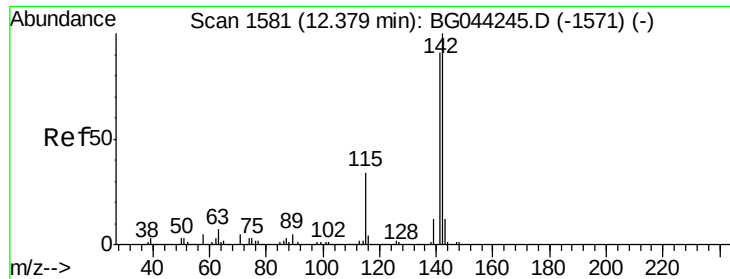
Ion Ratio Lower Upper

107 100

144 27.6 22.2 33.4

142 82.8 67.4 101.0





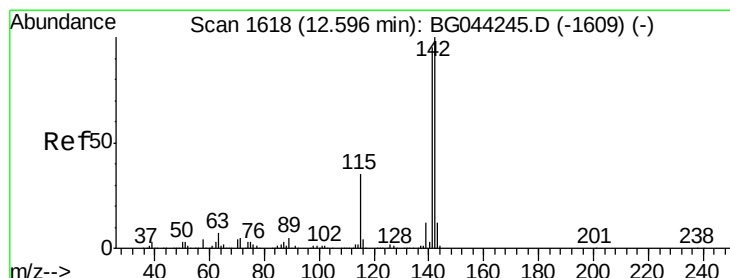
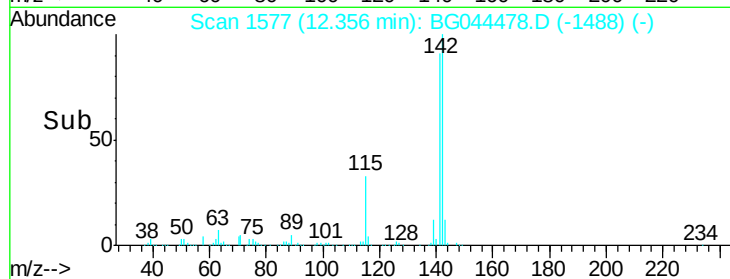
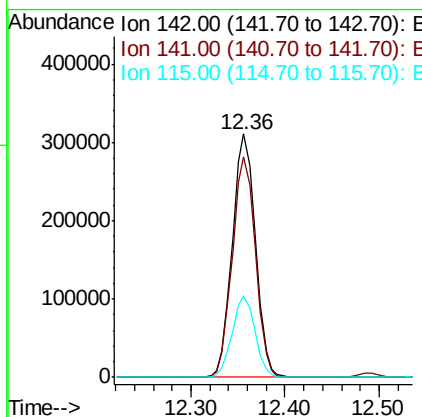
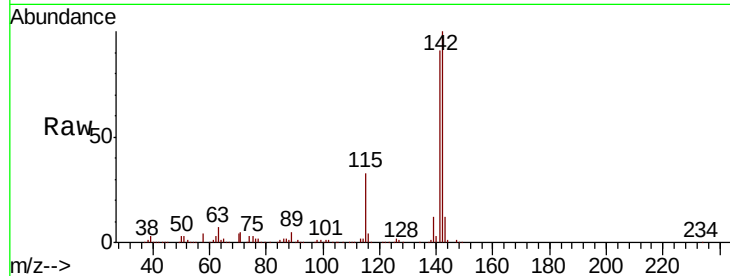
#37
2-Methylnaphthalene
Concen: 50.079 ng
RT: 12.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.2	109.8
115	33.3	27.1	40.7

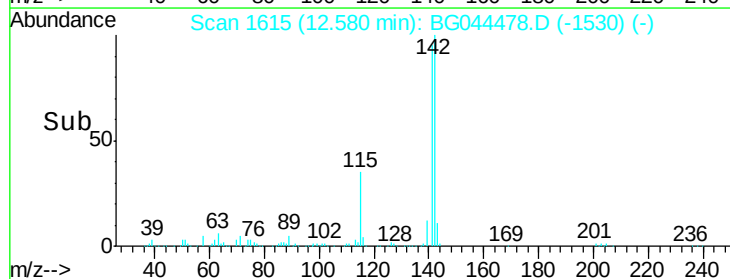
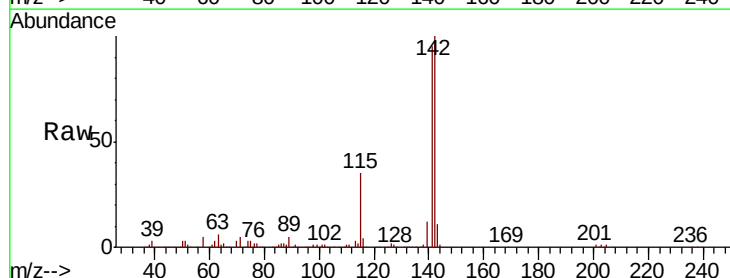
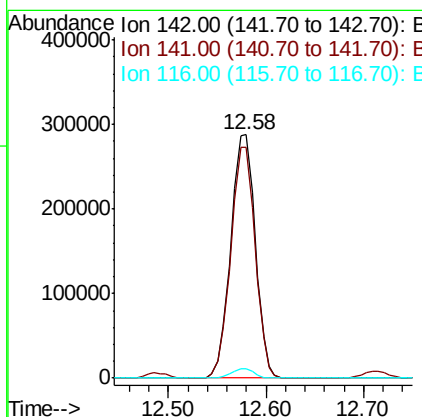
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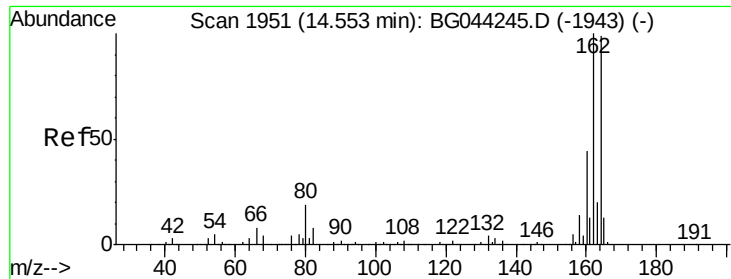
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#38
1-Methylnaphthalene
Concen: 50.397 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.8	113.6
116	3.6	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

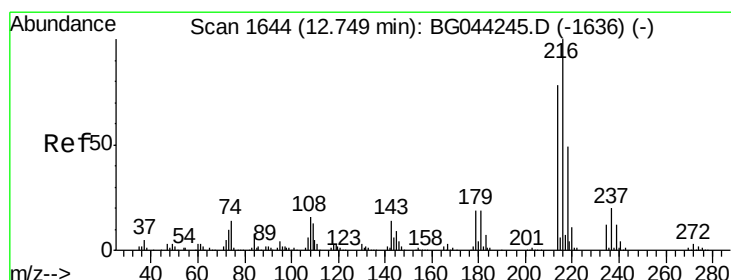
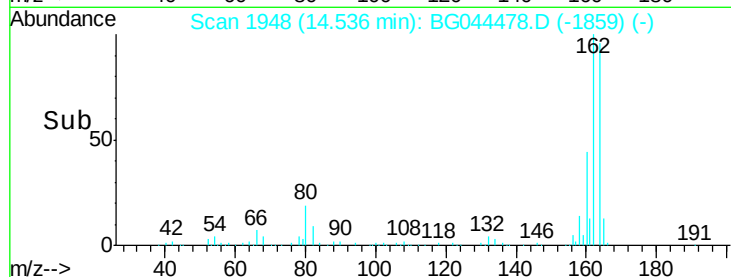
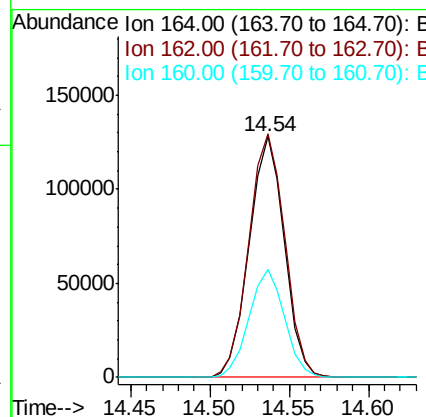
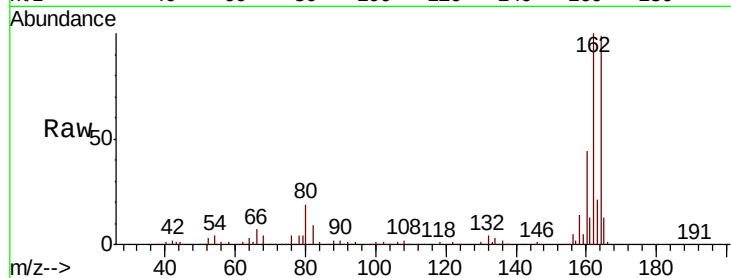
ClientSampleId :

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Tot Ion:	164	Resp:	197161
Ion Ratio	Lower	Upper	
164	100		
162	101.3	80.7	121.1
160	44.9	35.3	52.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.290 ng

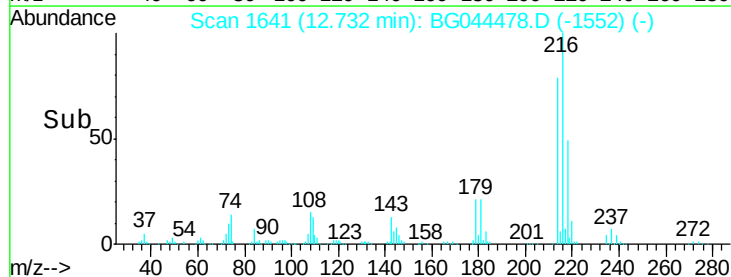
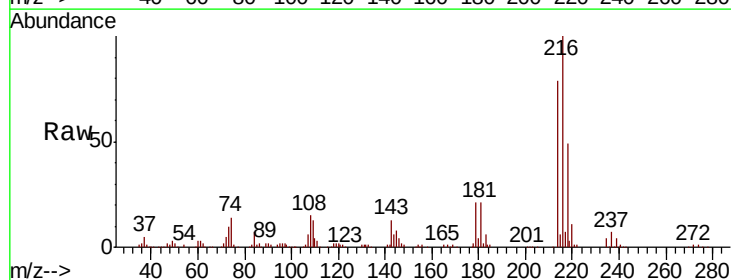
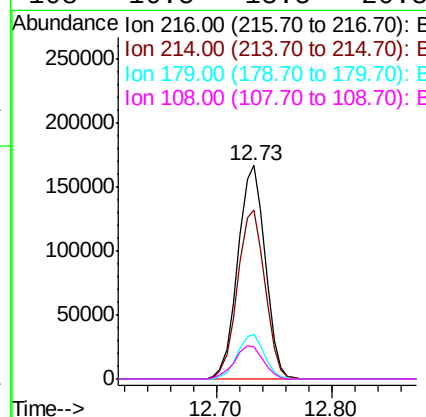
RT: 12.73 min Scan# 1641

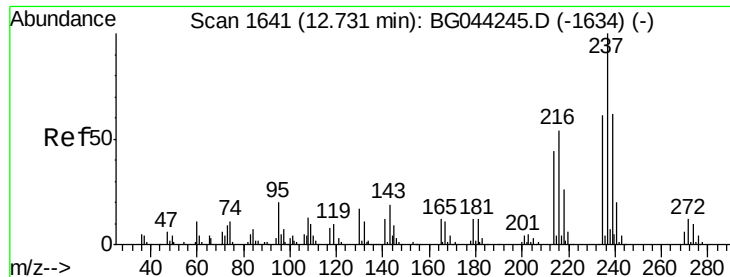
Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Tgt Ion:	216	Resp:	273004
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.0	94.6
179	20.5	16.2	24.4
108	16.5	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 42.892 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

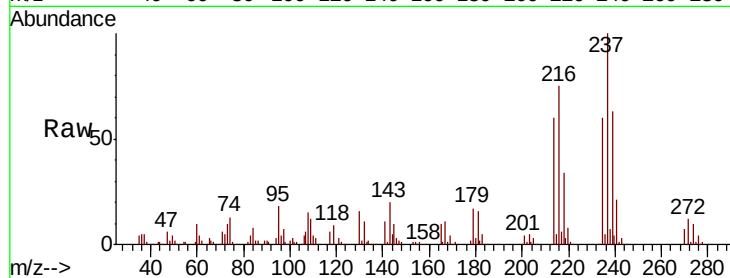
ClientSampleId :

CL-02-021420MSD

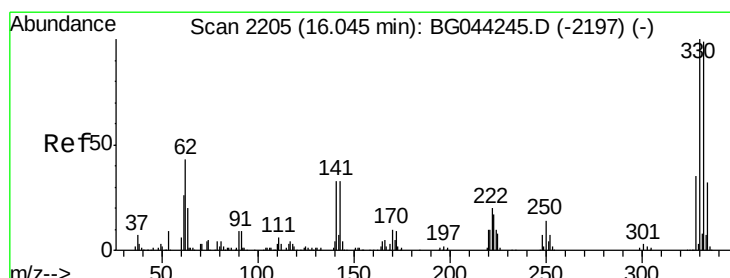
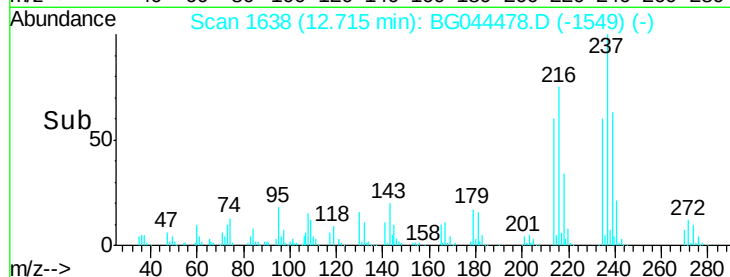
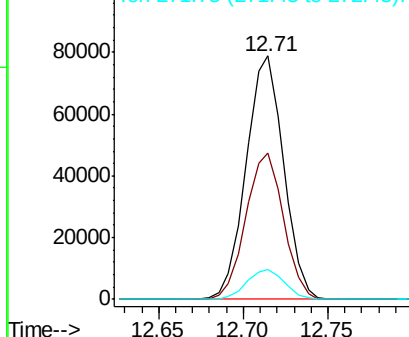
Tot Ion:	237	Resp:	121381
Ion Ratio	Lower	Upper	
237	100		
235	60.1	41.2	81.2
272	12.2	0.0	32.4

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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: 149.141 ng

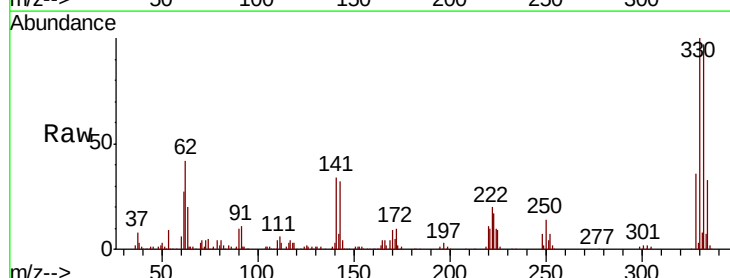
RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

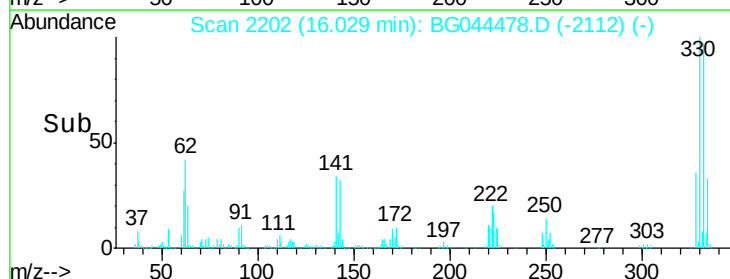
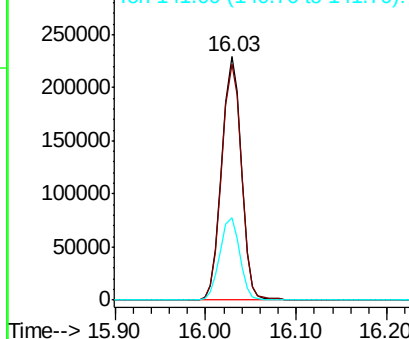
Lab File: BG044478.D

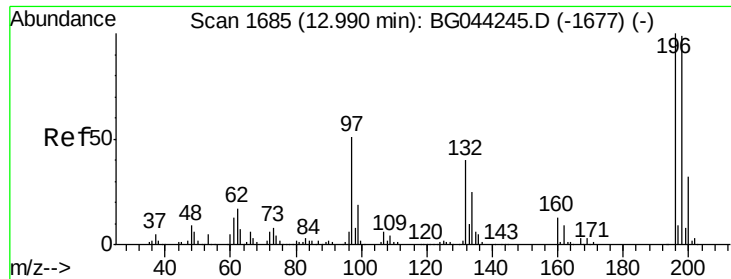
Acq: 18 Feb 2020 18:39

Tgt Ion:	330	Resp:	345195
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.2	115.8
141	34.5	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





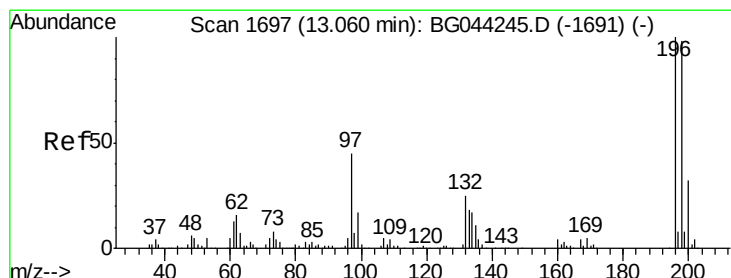
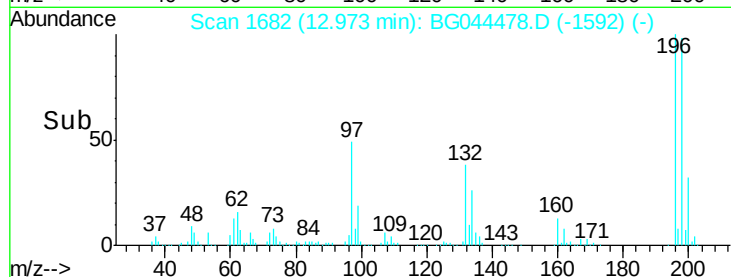
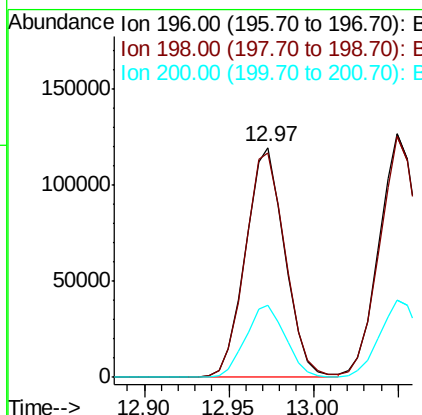
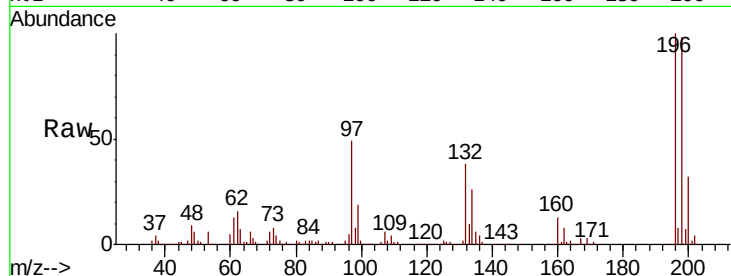
#43
 2,4,6-Trichlorophenol
 Concen: 50.740 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	193428		
198	97.5	79.3	118.9	
200	31.5	25.7	38.5	

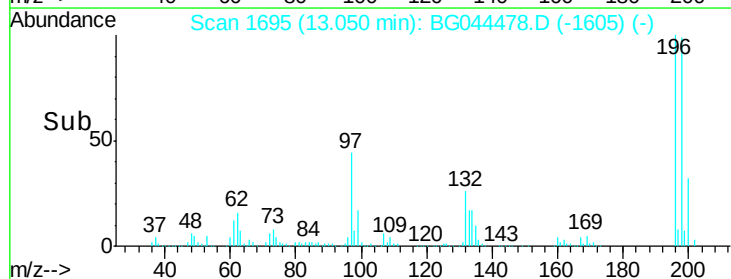
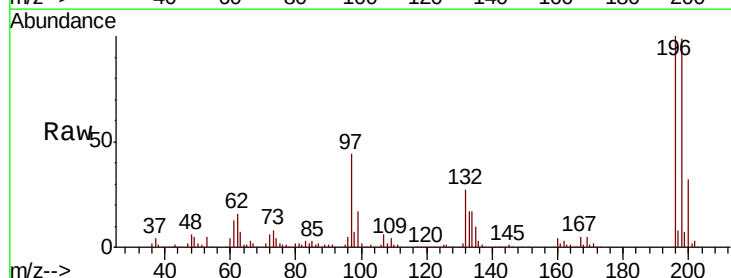
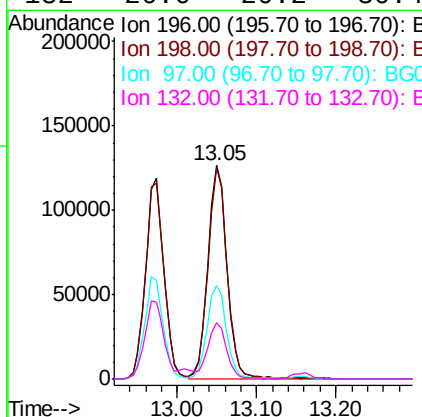
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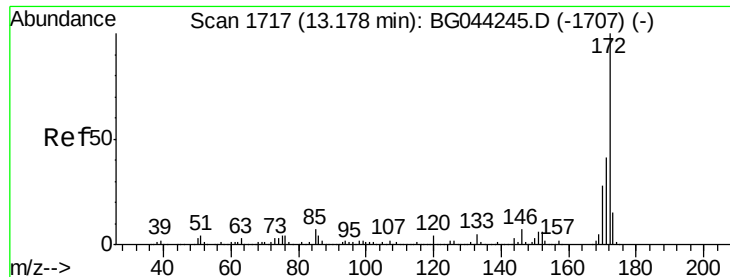
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 54.372 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	211711		
198	99.2	78.2	117.2	
97	43.9	36.2	54.4	
132	26.6	20.2	30.4	





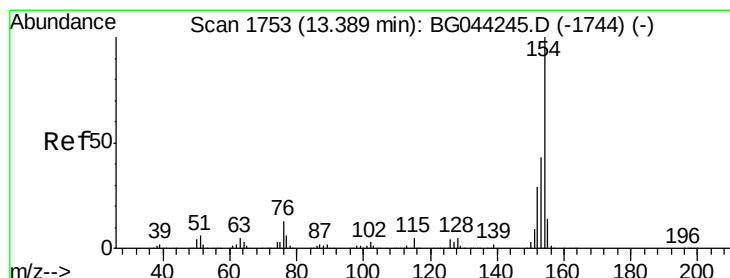
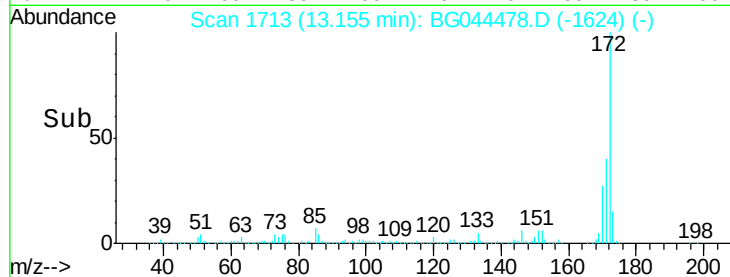
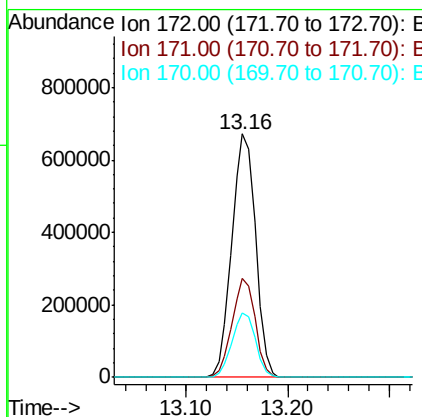
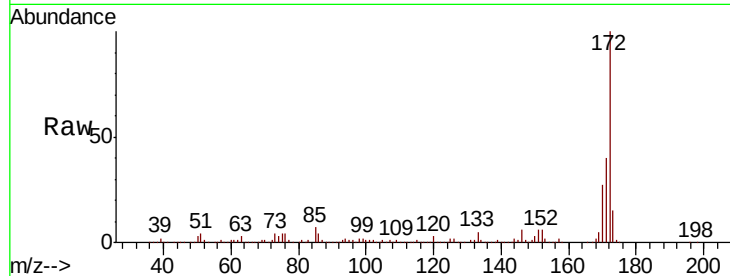
#45
2-Fluorobiphenyl
Concen: 92.889 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.5	32.9	49.3
170	26.6	22.0	33.0

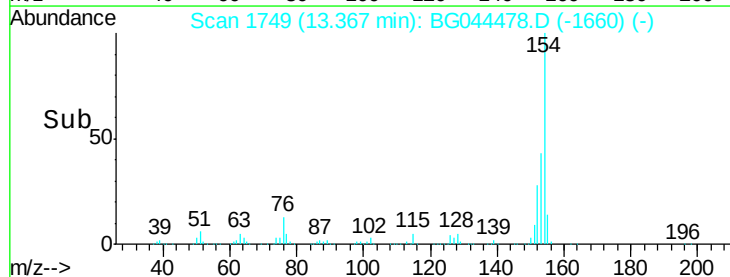
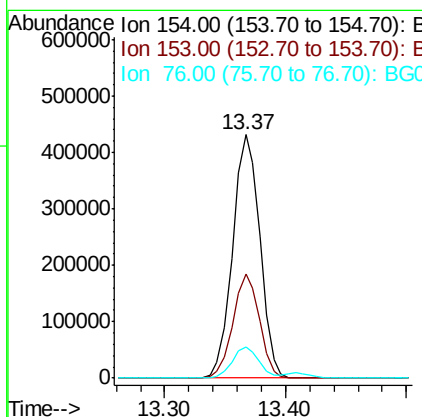
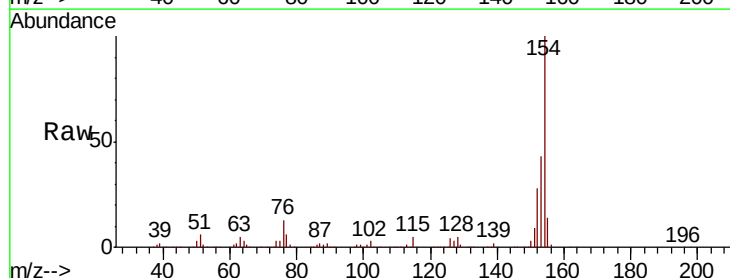
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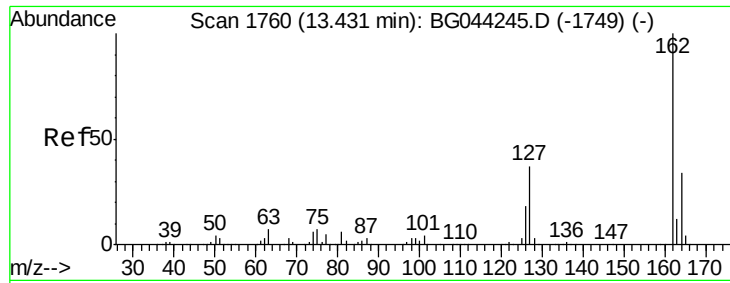
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#46
1,1'-Biphenyl
Concen: 47.477 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.7	62.7
76	12.8	0.0	32.9





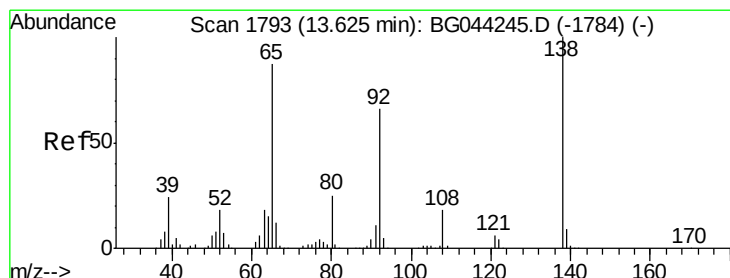
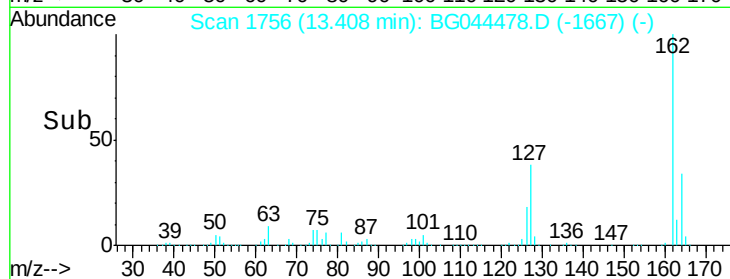
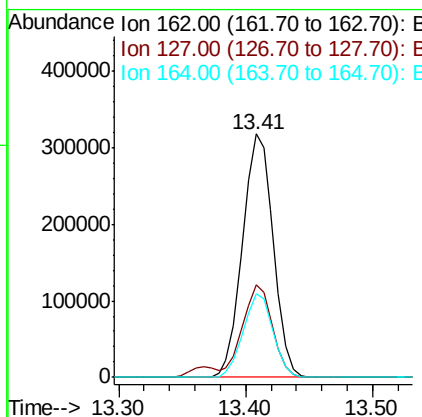
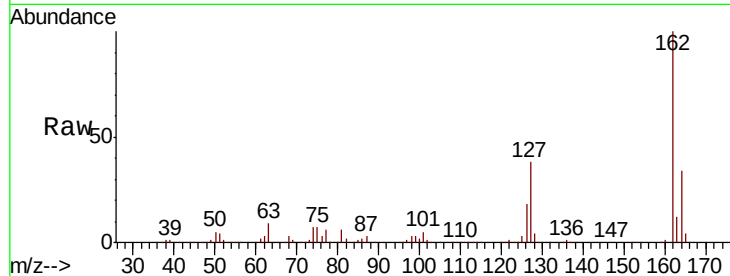
#47
 2-Chloronaphthalene
 Concen: 47.181 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.0	45.0
164	34.1	27.2	40.8

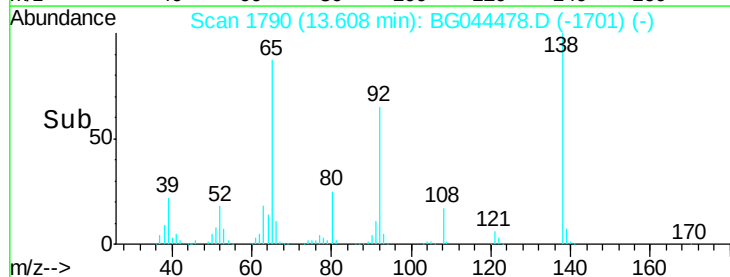
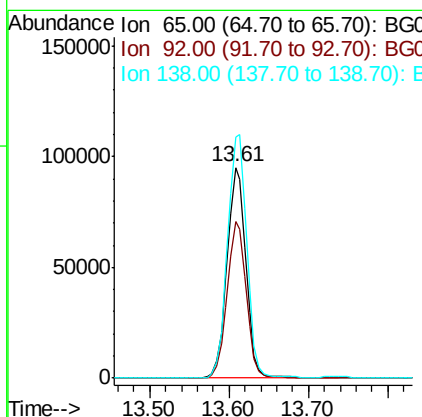
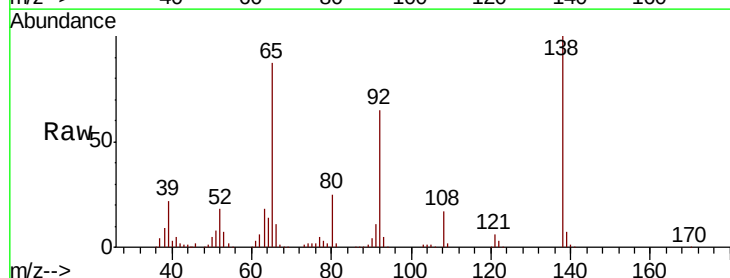
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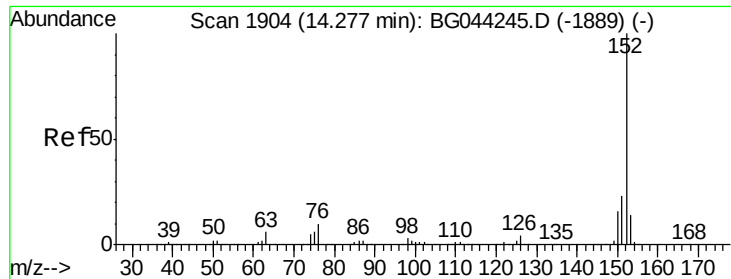
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#48
 2-Nitroaniline
 Concen: 47.240 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	60.3	90.5
138	114.5	91.9	137.9





#49

Acenaphthylene

Concen: 50.916 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

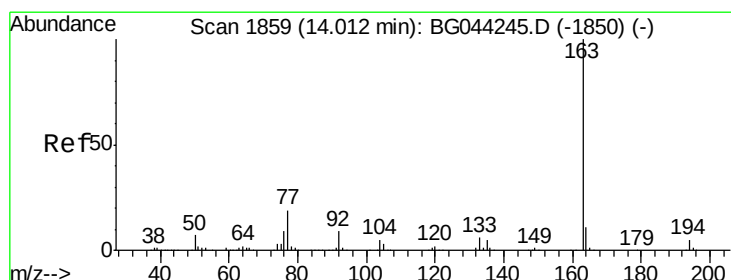
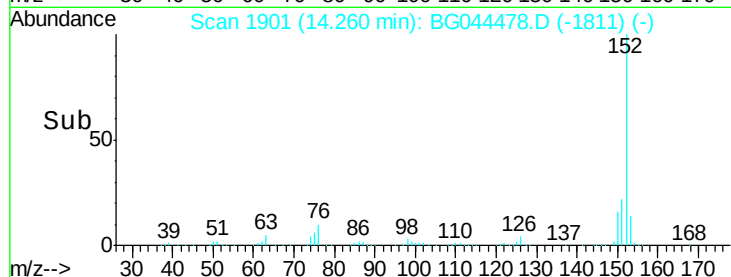
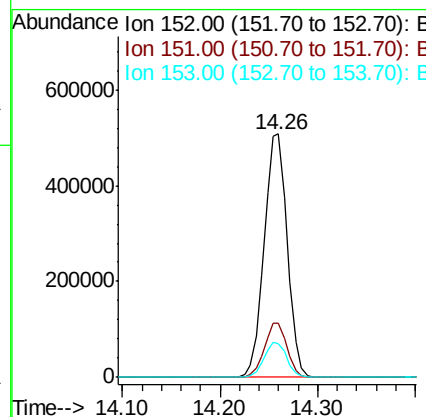
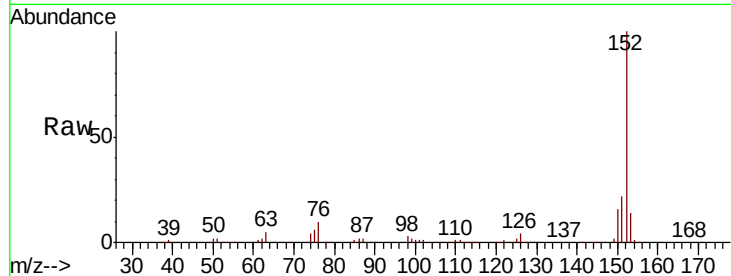
ClientSampleId :

CL-02-021420MSD

Tot Ion:	152	Resp:	845131
Ion Ratio	Lower	Upper	
152	100		
151	22.3	18.1	27.1
153	13.9	11.5	17.3

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#50

Dimethylphthalate

Concen: 48.291 ng

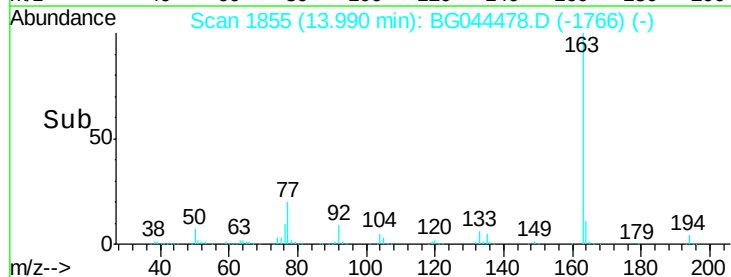
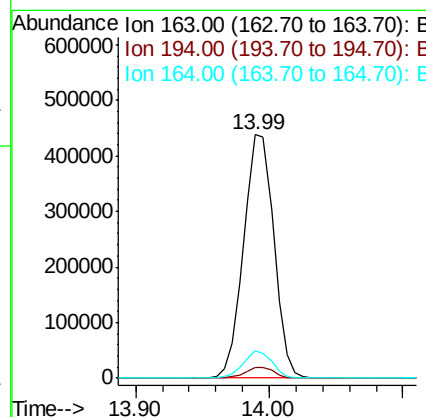
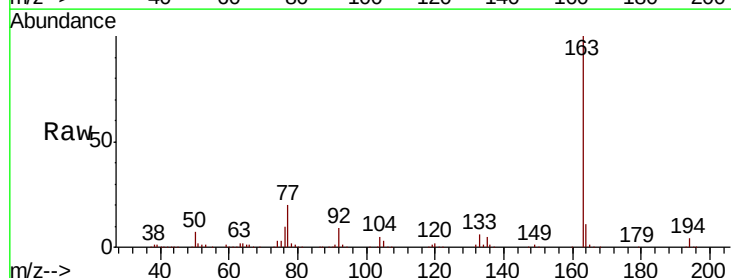
RT: 13.99 min Scan# 1855

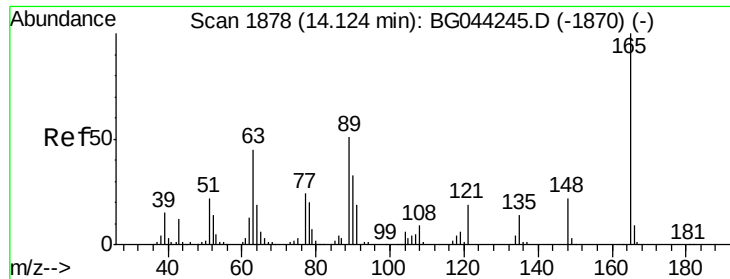
Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Tgt Ion:	163	Resp:	684398
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	11.0	8.7	13.1





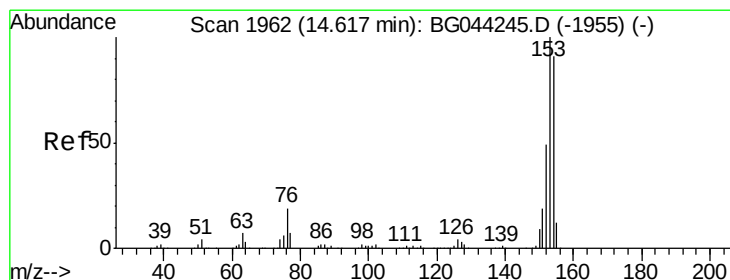
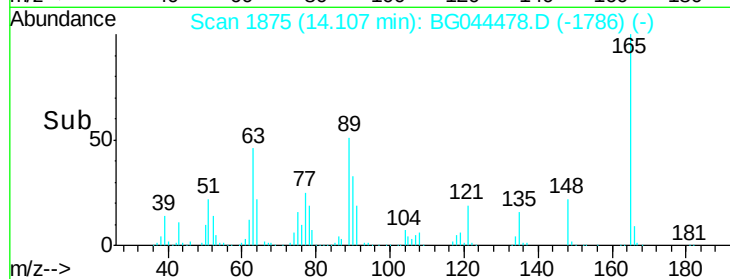
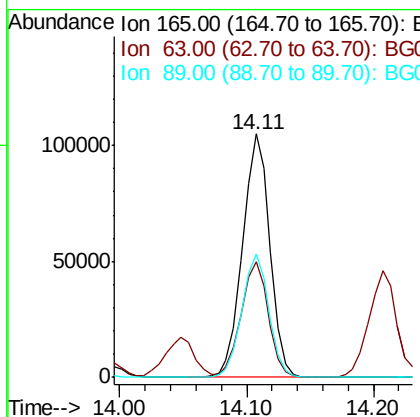
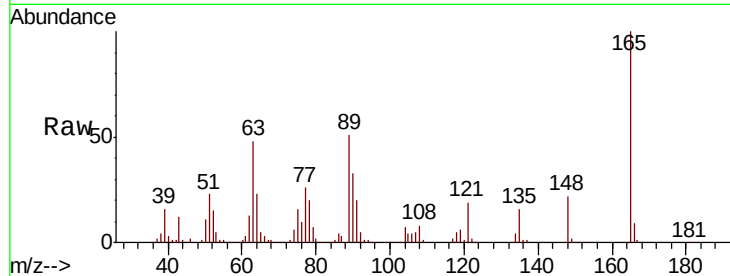
#51
2,6-Dinitrotoluene
Concen: 49.411 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	156138		
63	47.6	38.7	58.1	
89	50.7	40.4	60.6	

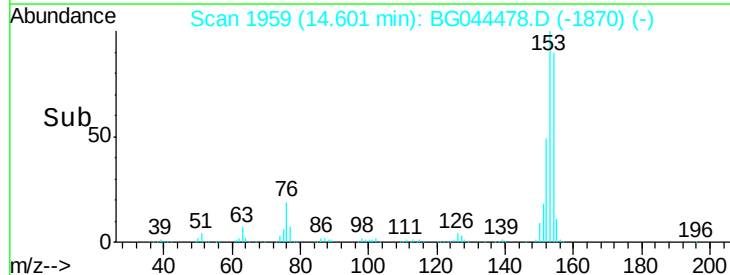
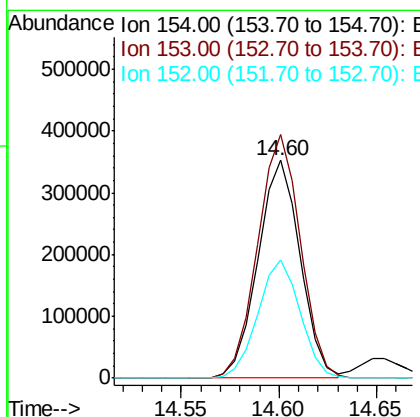
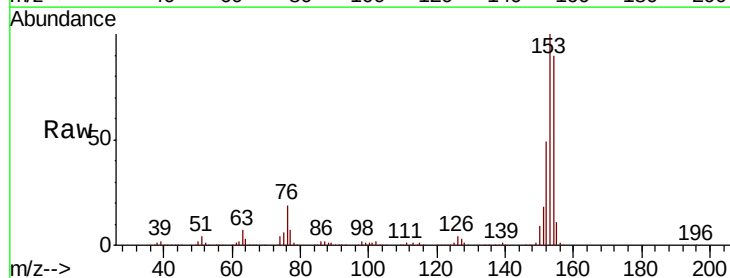
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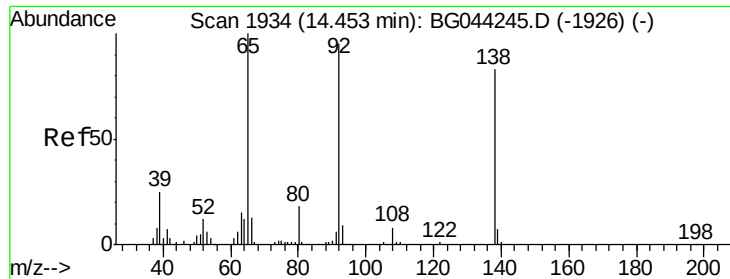
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#52
Acenaphthene
Concen: 49.094 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	528190		
153	111.7	87.9	131.9	
152	54.4	43.1	64.7	





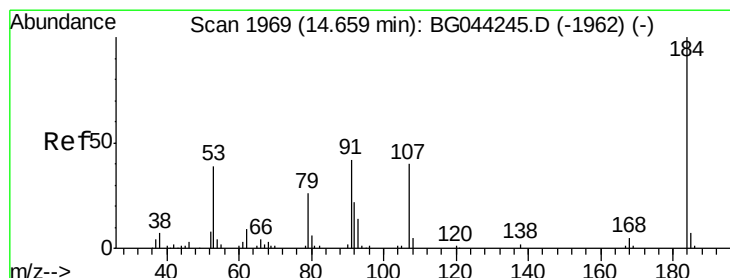
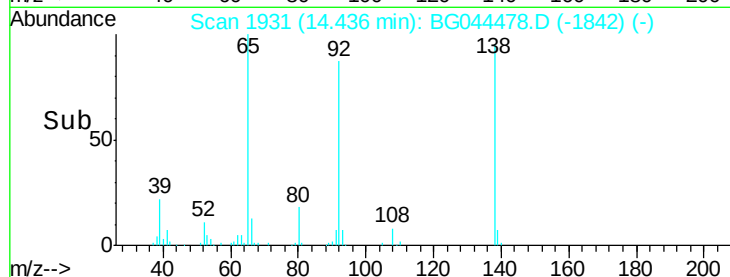
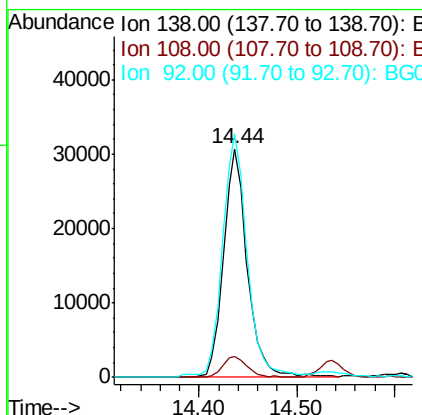
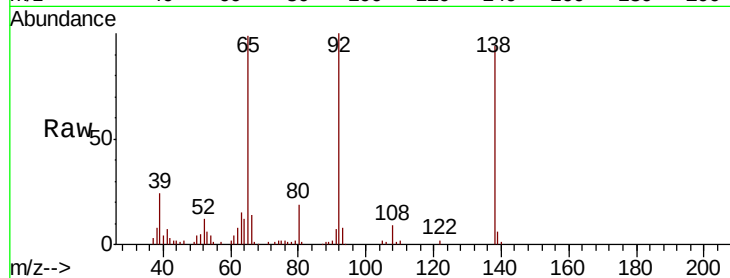
#53
 3-Nitroaniline
 Concen: 14.776 ng
 RT: 14.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.9	11.9
92	106.6	91.0	136.4

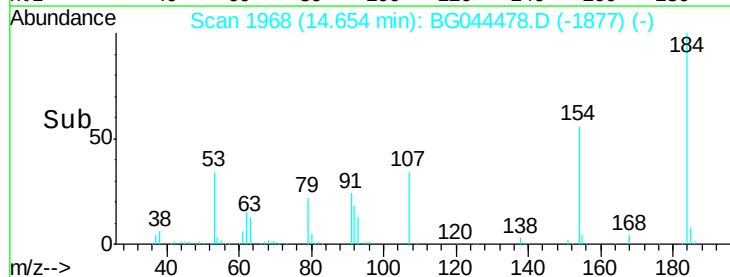
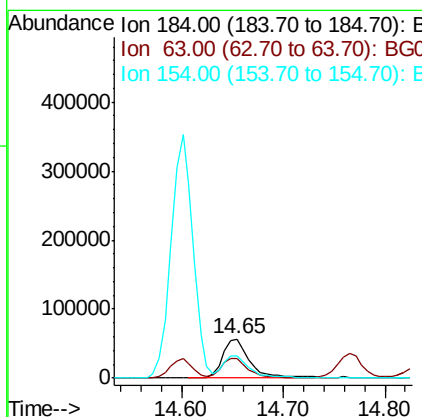
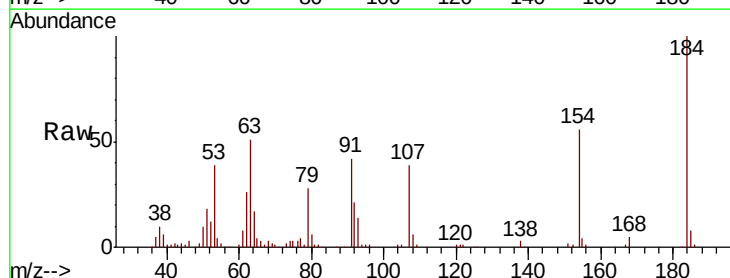
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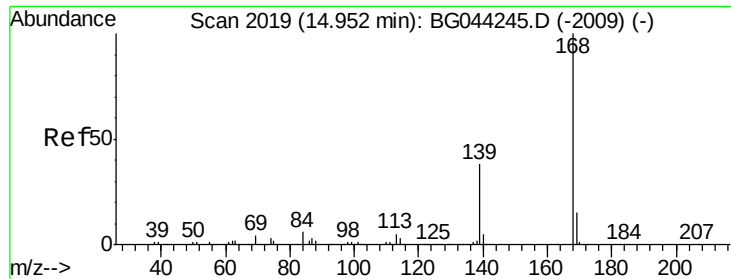
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#54
 2,4-Dinitrophenol
 Concen: 58.729 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.4	44.1	66.1
154	56.4	45.4	68.0





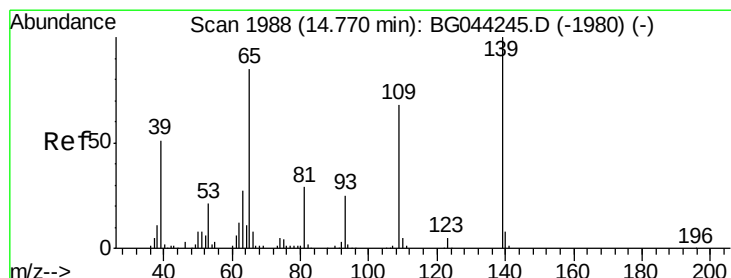
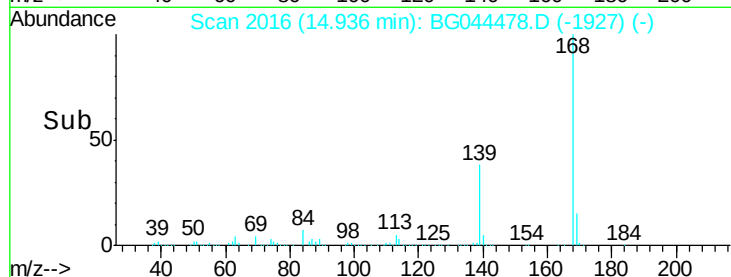
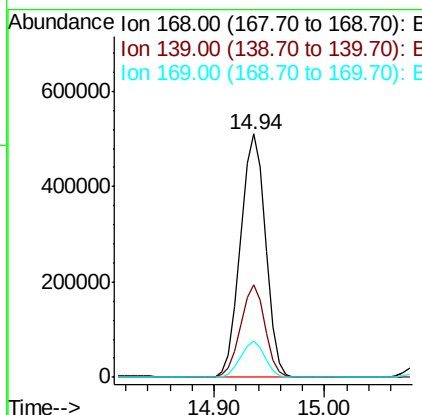
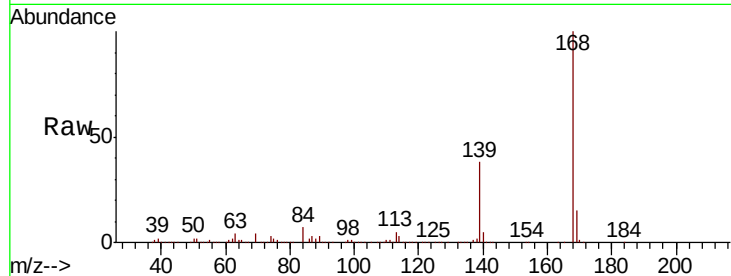
#55
Dibenzofuran
Concen: 50.239 ng
RT: 14.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.5	45.7
169	14.9	11.7	17.5

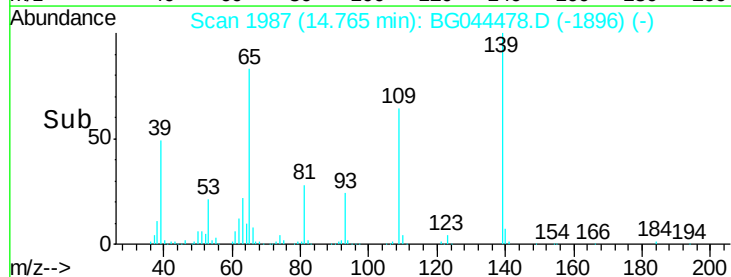
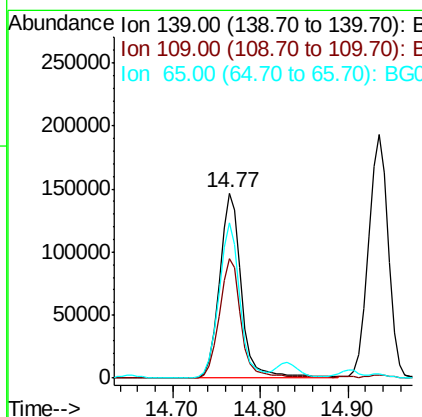
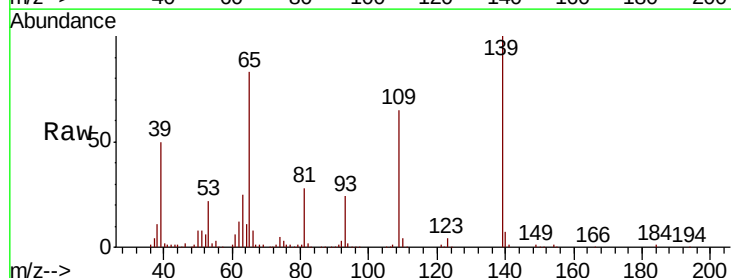
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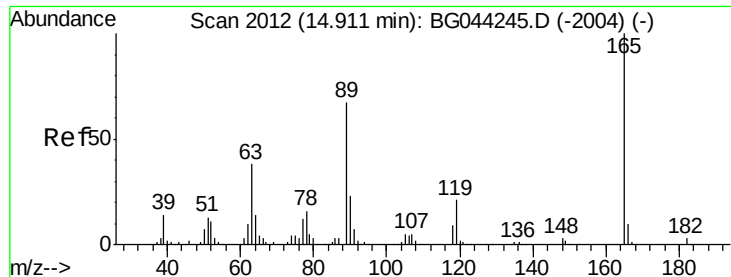
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#56
4-Nitrophenol
Concen: 99.618 ng
RT: 14.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.5	47.5	87.5
65	83.5	64.9	104.9





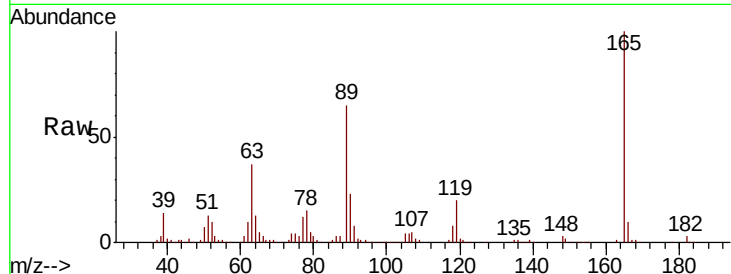
#57
2,4-Dinitrotoluene
Concen: 50.147 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

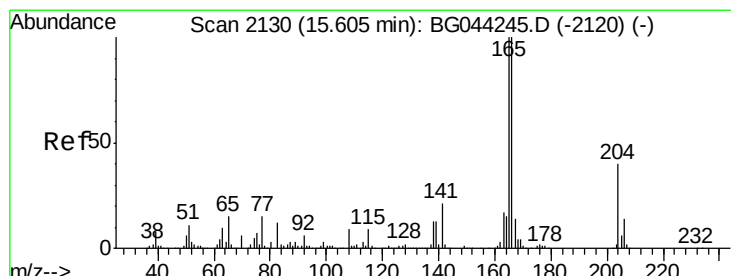
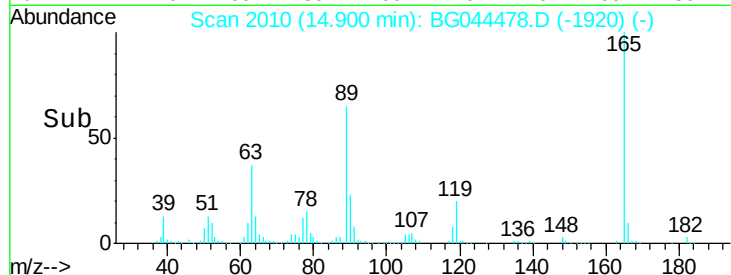
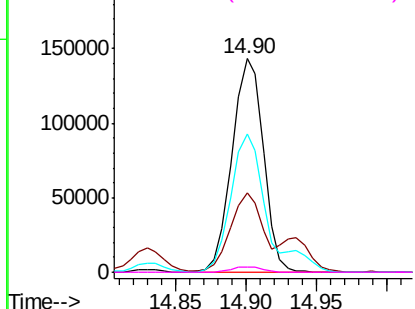
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		222098		
63	37.3	30.3	45.5		
89	64.9	53.4	80.2		
182	2.6	2.1	3.1		

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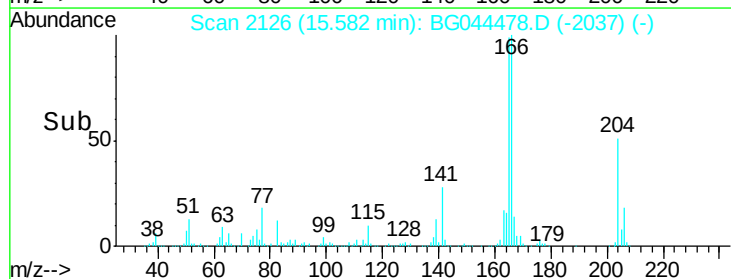
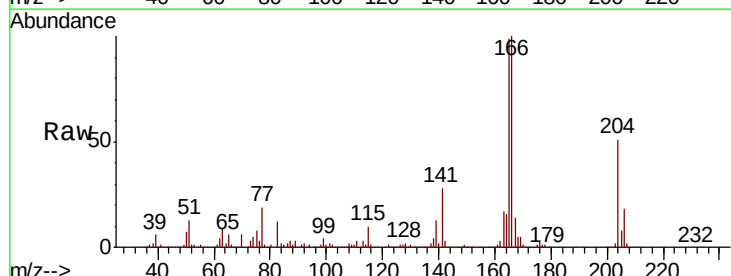
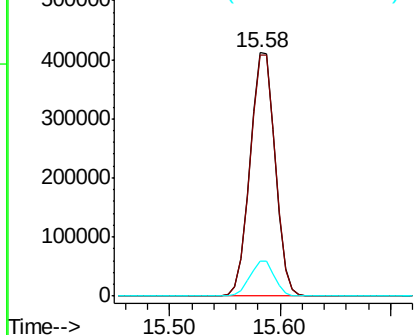
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

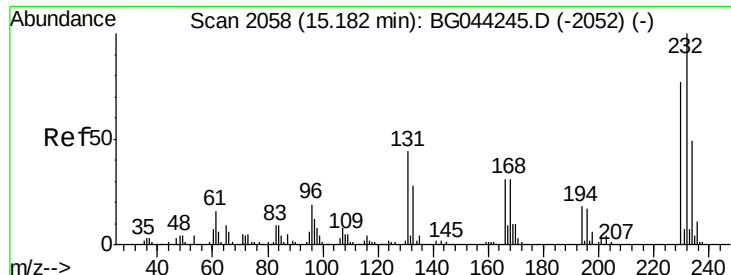


#58
Fluorene
Concen: 51.330 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		658557		
165	99.2	79.9	119.9		
167	14.3	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





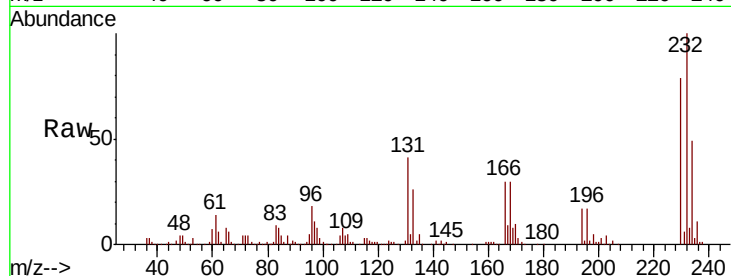
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.806 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MSD

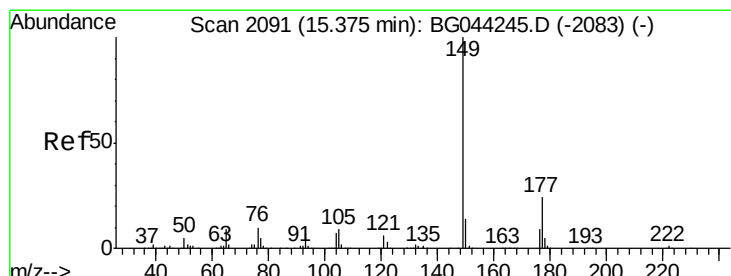
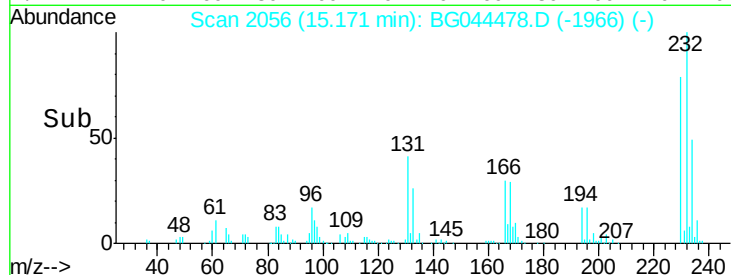
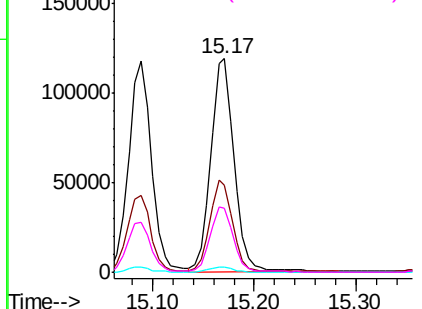
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.9	34.2	51.4
130	2.4	1.8	2.8
166	31.1	23.8	35.8

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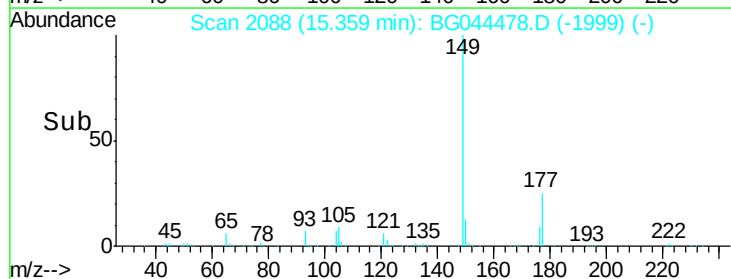
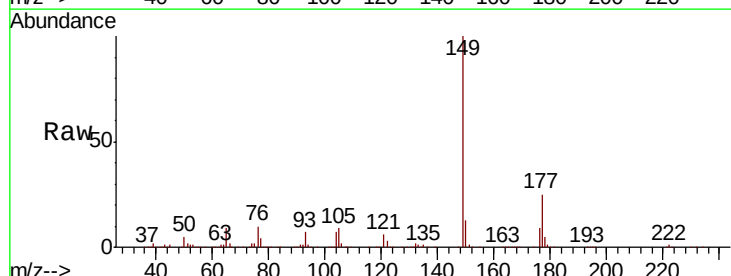
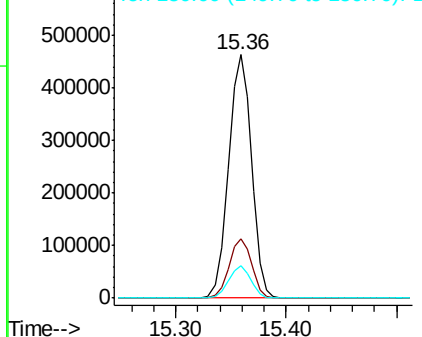
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

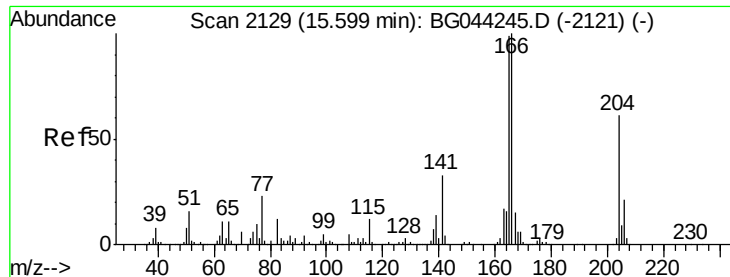


#60
 Diethylphthalate
 Concen: 47.680 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.4	29.0
150	13.3	10.9	16.3

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





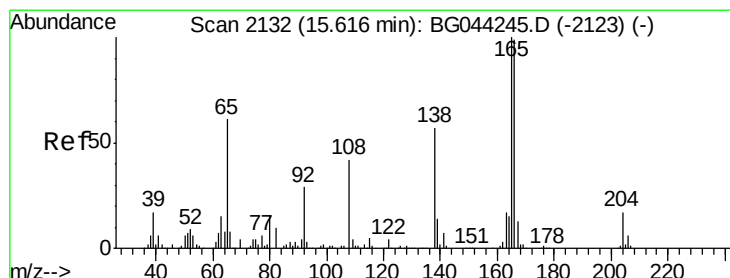
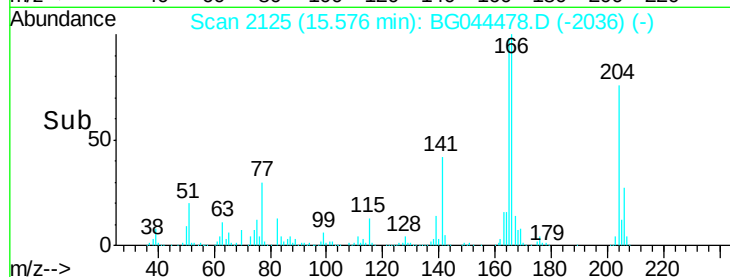
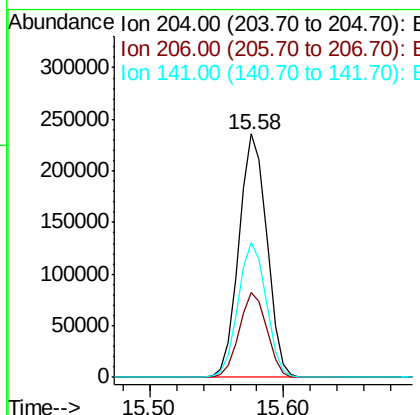
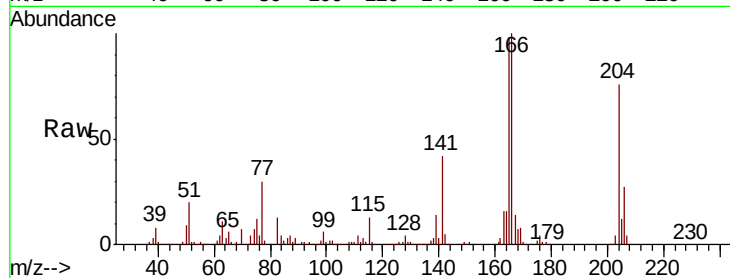
#61
4-Chlorophenyl-phenylether
Concen: 49.054 ng
RT: 15.58 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	27.6	41.4
141	55.3	43.4	65.0

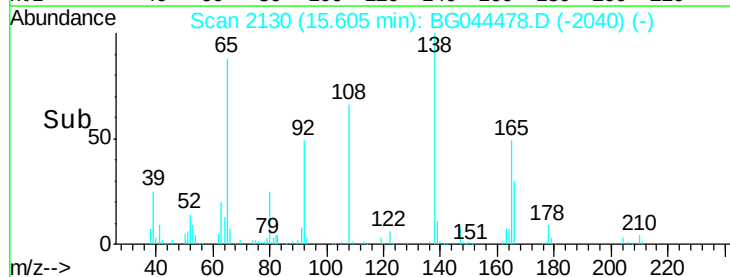
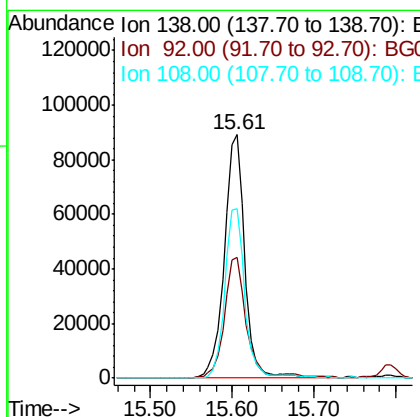
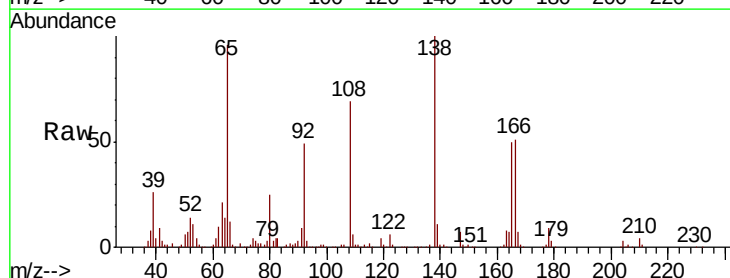
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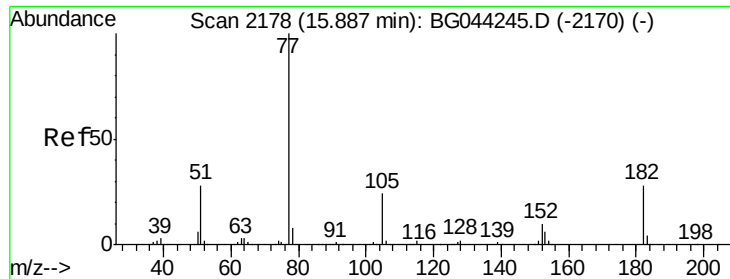
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#62
4-Nitroaniline
Concen: 44.131 ng
RT: 15.61 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	31.3	71.3
108	69.4	52.6	92.6





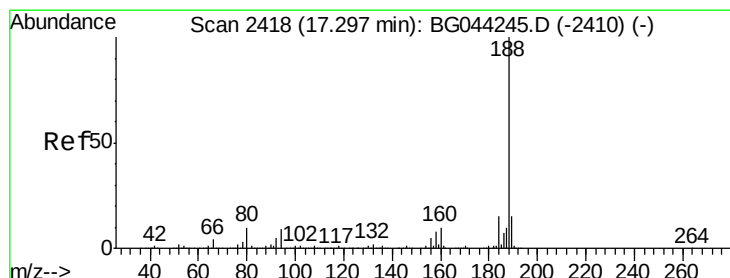
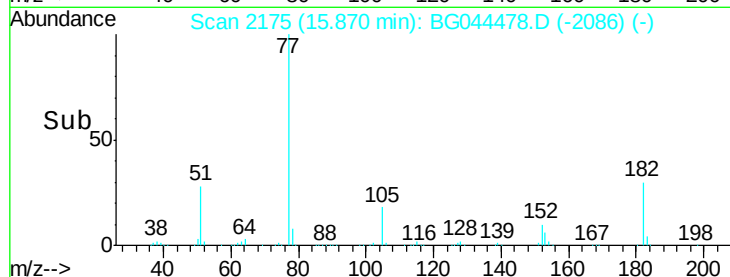
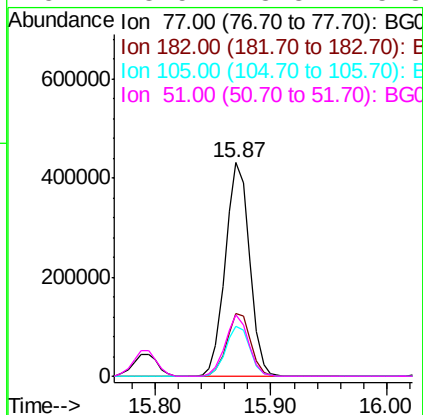
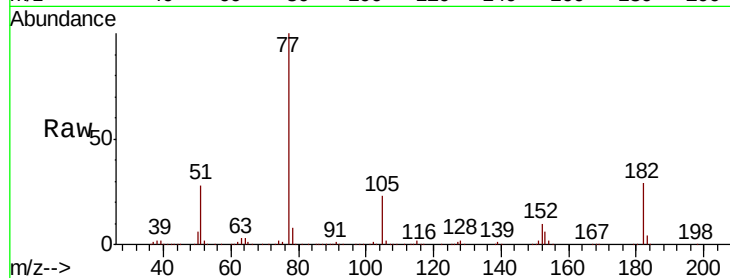
#63
Azobenzene
Concen: 50.256 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		622015		
182	29.2	8.2	48.2		
105	23.4	3.6	43.6		
51	28.5	8.3	48.3		

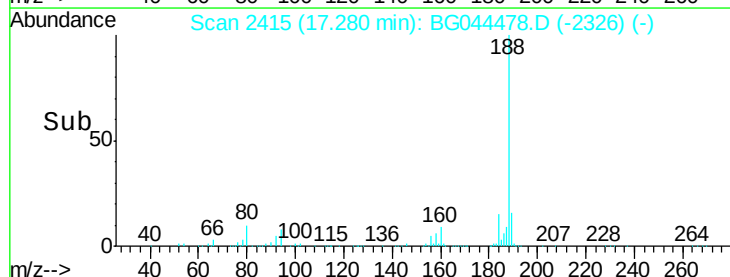
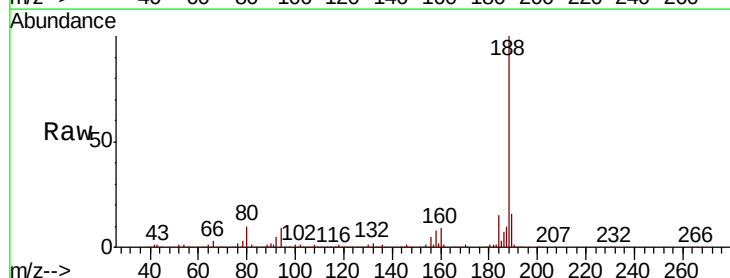
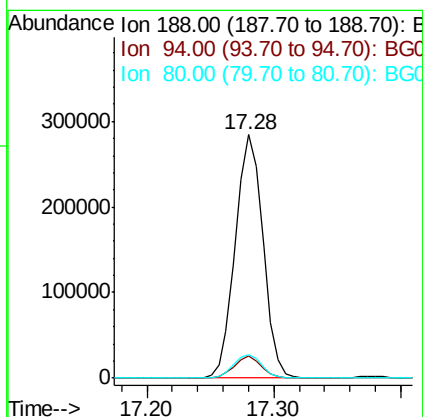
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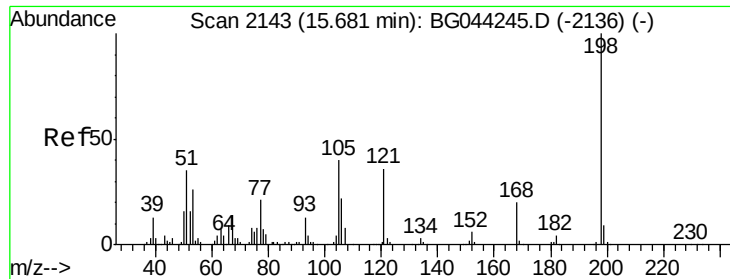
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		430692		
94	9.0	7.4	11.2		
80	9.9	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 40.627 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

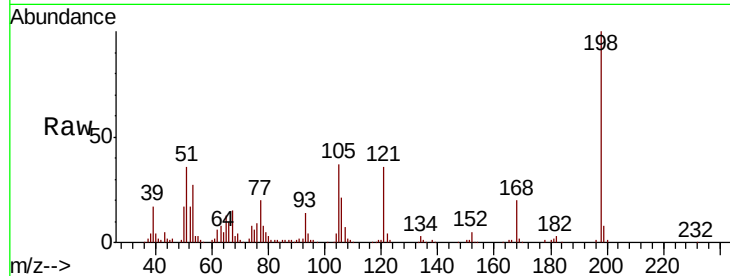
ClientSampleId :

CL-02-021420MSD

Tot Ion:	198	Resp:	96587
Ion Ratio	Lower	Upper	
198	100		
51	36.5	16.6	56.6
105	37.1	20.6	60.6

Manual Integrations
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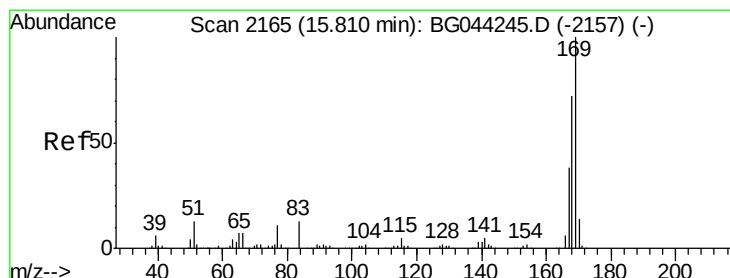
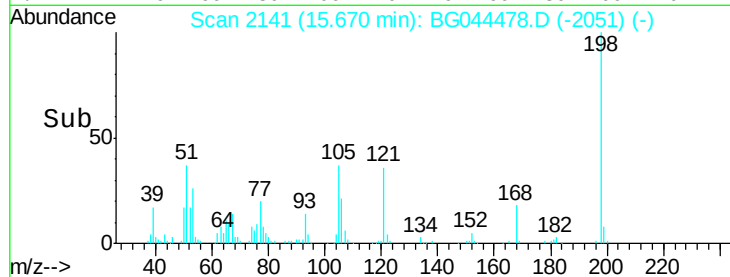
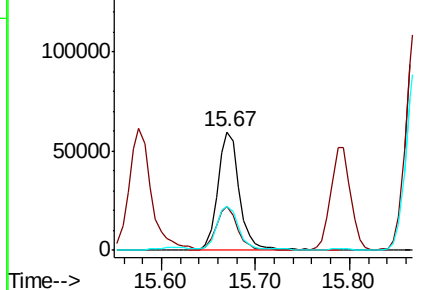
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 50.656 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG044478.D

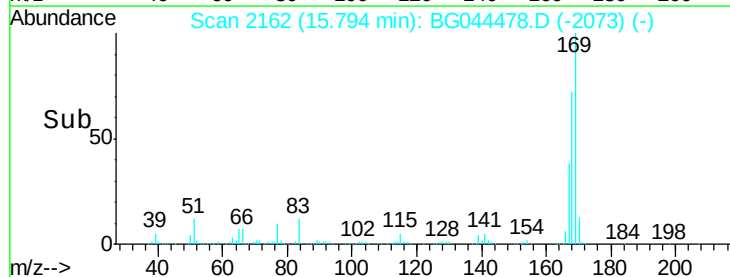
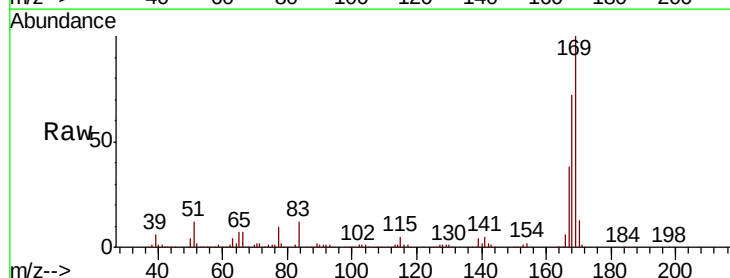
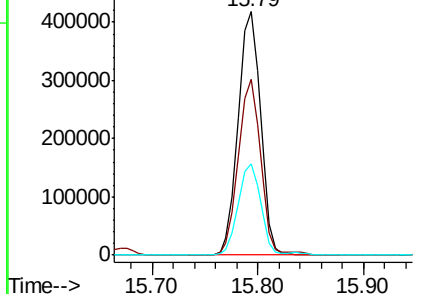
Acq: 18 Feb 2020 18:39

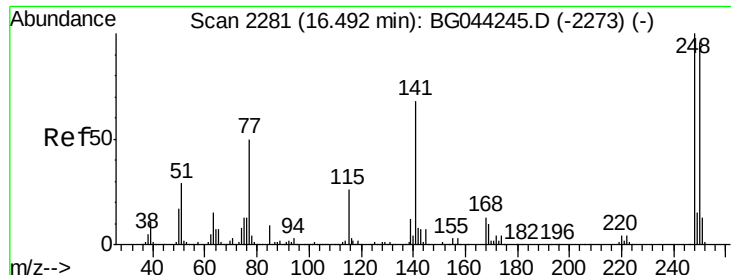
Tgt Ion:	169	Resp:	611411
Ion Ratio	Lower	Upper	
169	100		
168	72.0	57.9	86.9
167	37.6	30.7	46.1

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





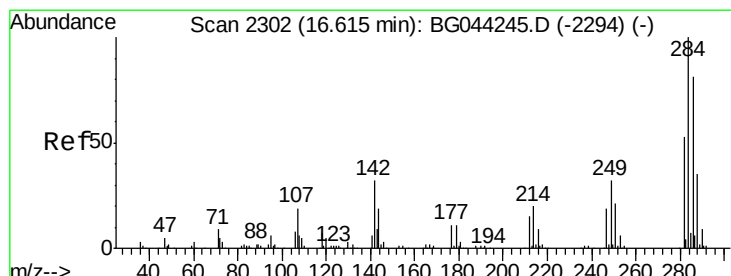
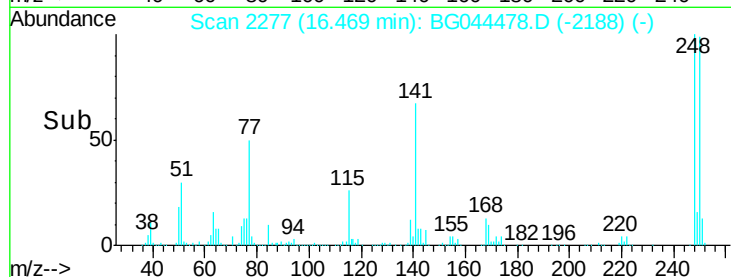
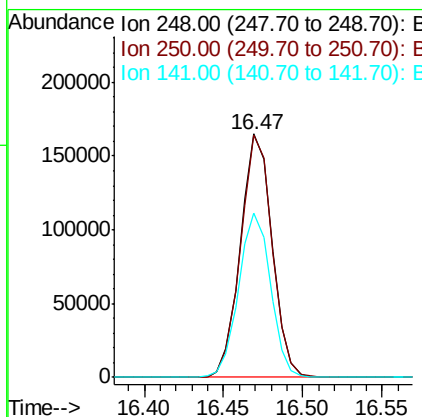
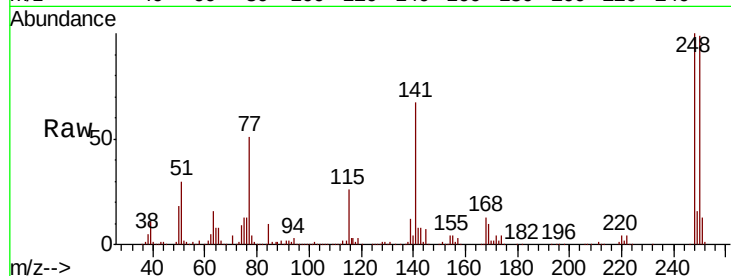
#67
 4-Bromophenyl-phenylether
 Concen: 48.766 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	76.6	114.8
141	67.5	54.7	82.1

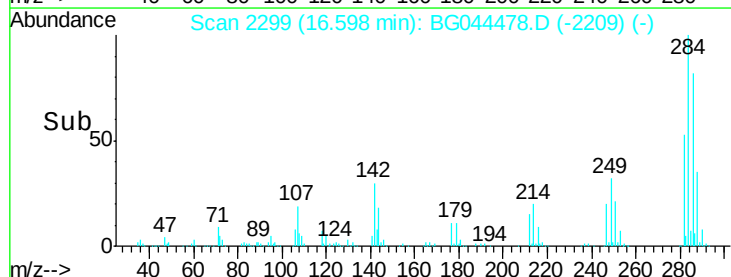
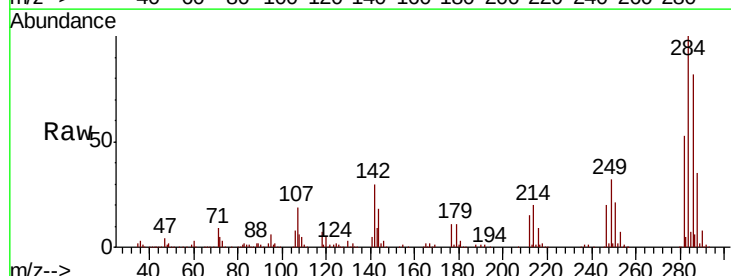
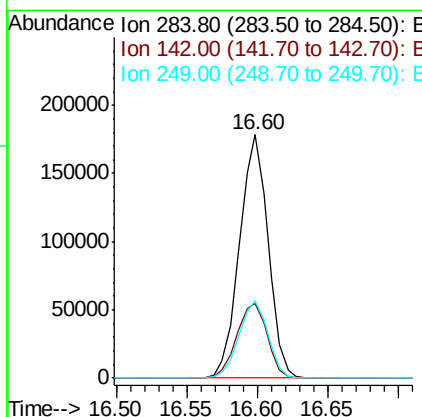
Manual Integrations
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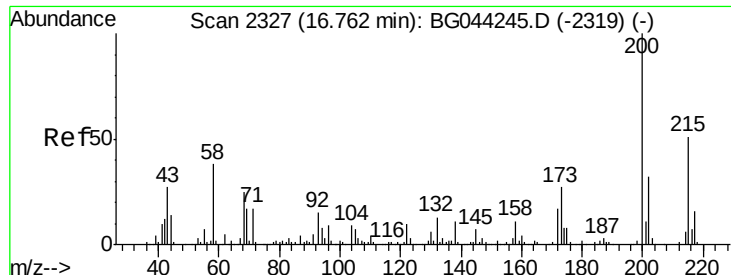
mohammad
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#68
 Hexachlorobenzene
 Concen: 48.028 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	25.3	37.9
249	31.7	25.5	38.3





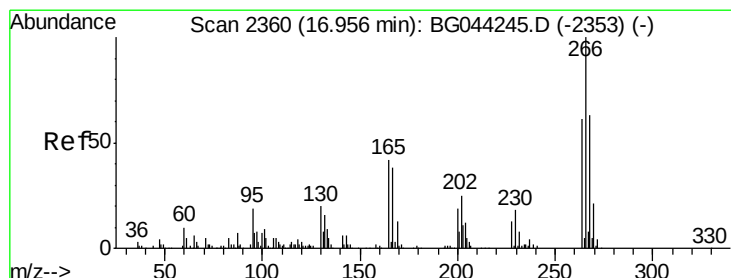
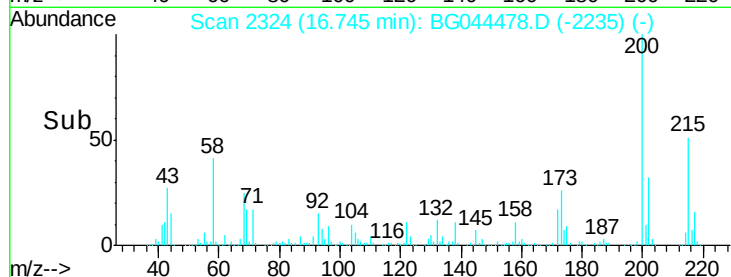
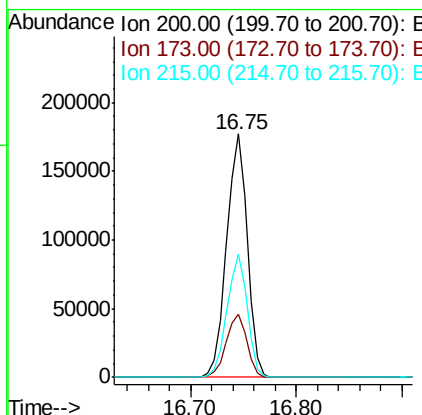
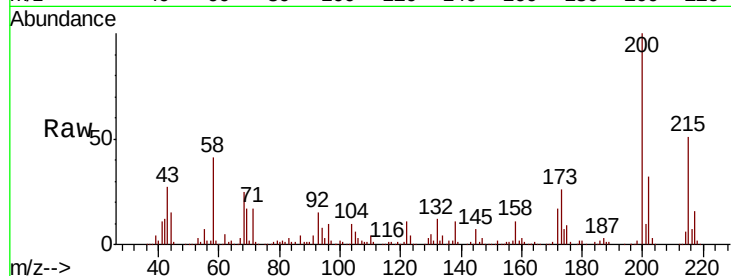
#69
 Atrazine
 Concen: 57.783 ng
 RT: 16.75 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.1	6.6	46.6
215	50.7	31.0	71.0

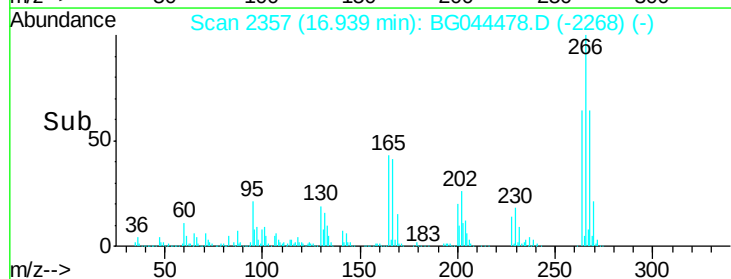
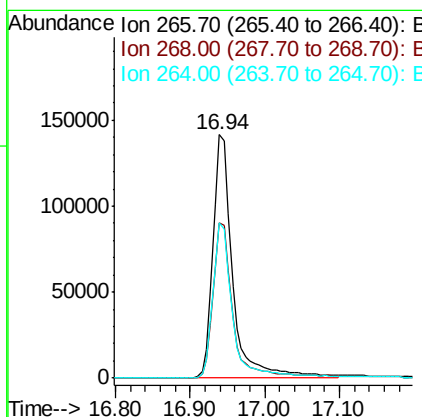
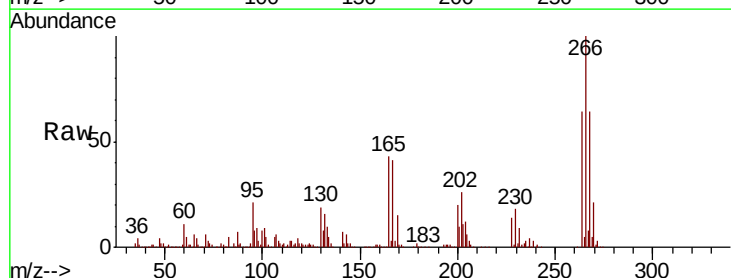
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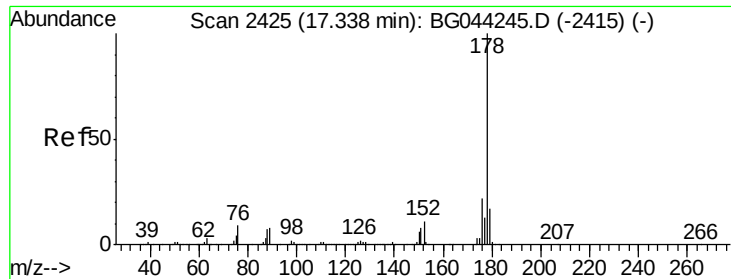
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#70
 Pentachlorophenol
 Concen: 97.669 ng
 RT: 16.94 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.6	50.6	75.8
264	63.9	48.7	73.1





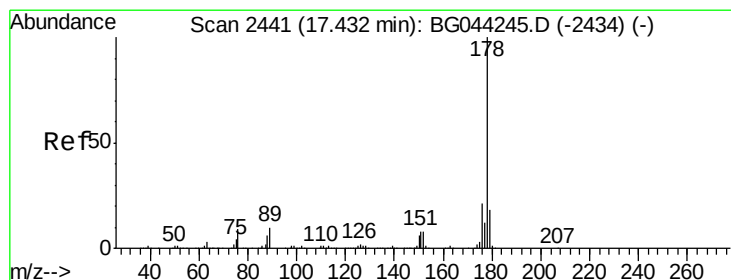
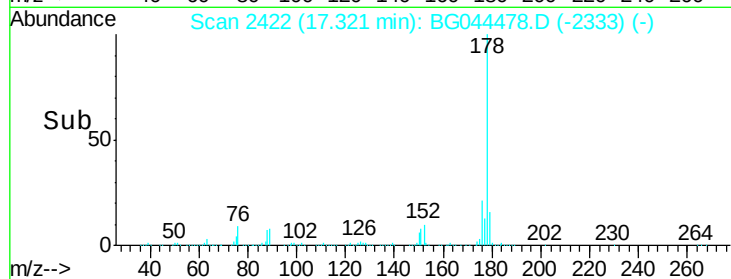
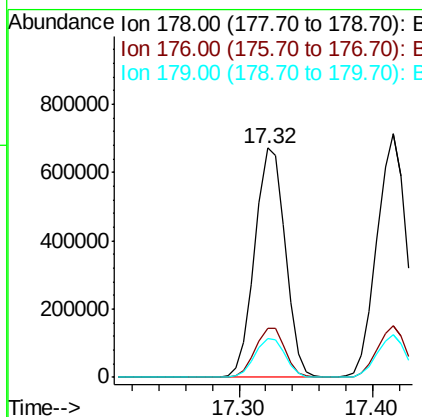
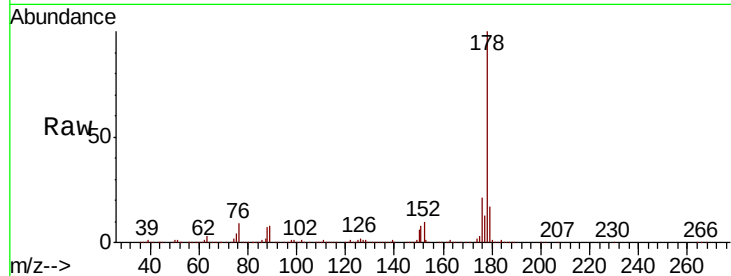
#71
Phenanthrene
Concen: 50.835 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion:178 Resp: 1060194
Ion Ratio Lower Upper
178 100
176 21.5 17.7 26.5
179 16.9 13.7 20.5

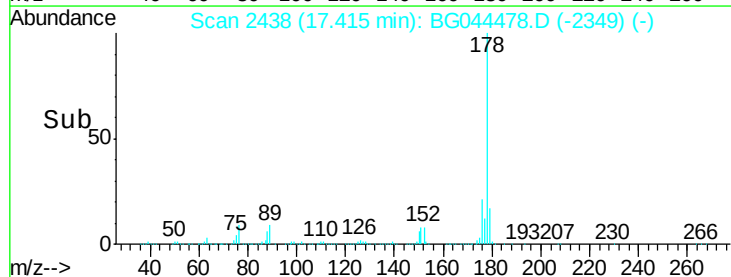
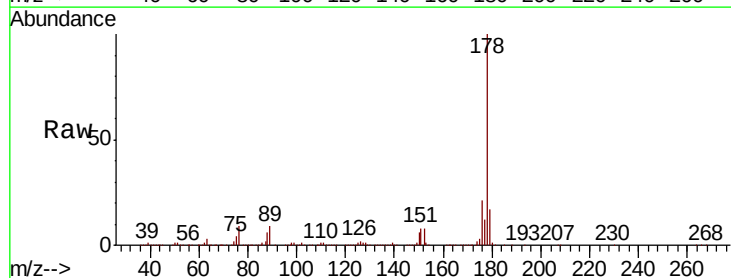
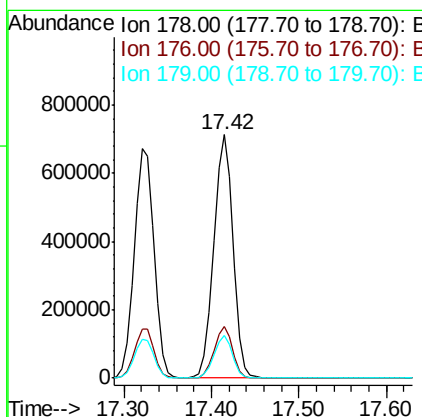
Manual Integrations
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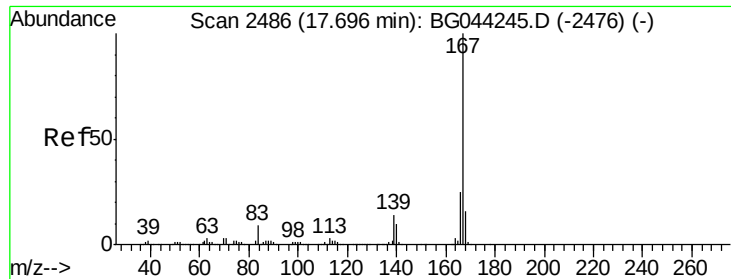
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#72
Anthracene
Concen: 52.841 ng
RT: 17.42 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion:178 Resp: 1089525
Ion Ratio Lower Upper
178 100
176 21.2 17.0 25.4
179 17.4 14.4 21.6





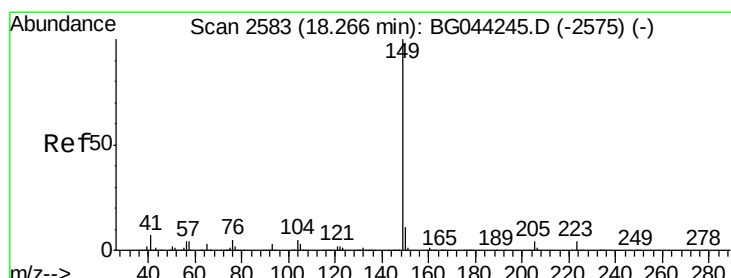
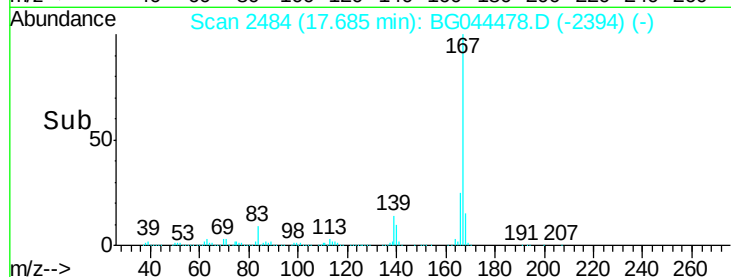
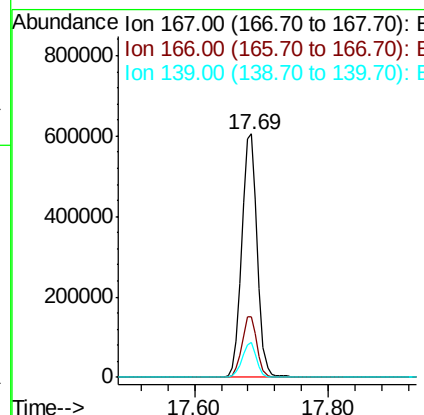
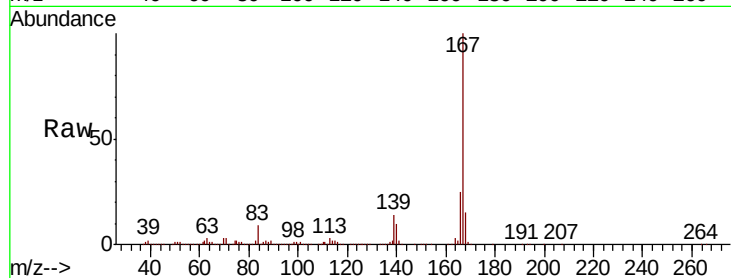
#73
 Carbazole
 Concen: 51.803 ng
 RT: 17.69 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	25.0	19.8	29.6		
139	14.1	11.1	16.7		

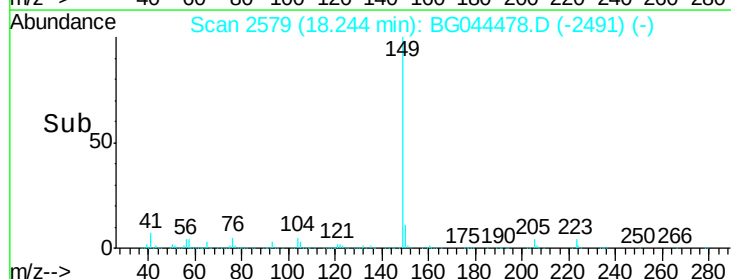
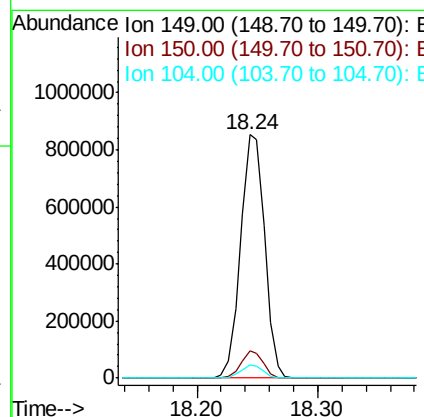
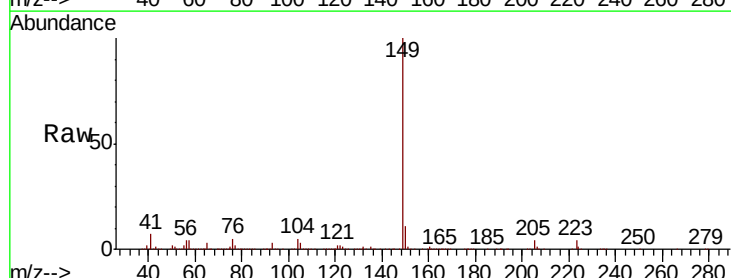
Manual Integrations
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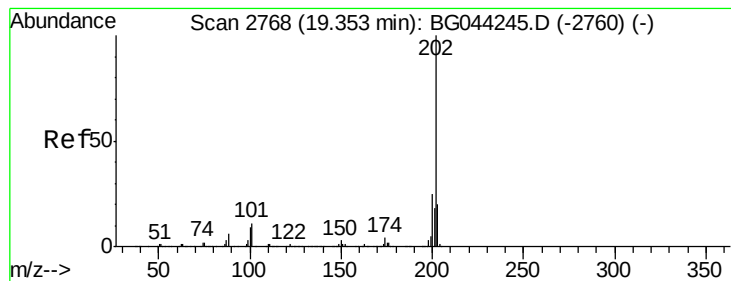
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#74
 Di-n-butylphthalate
 Concen: 50.606 ng
 RT: 18.24 min Scan# 2579
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	11.0	8.7	13.1		
104	5.5	4.3	6.5		





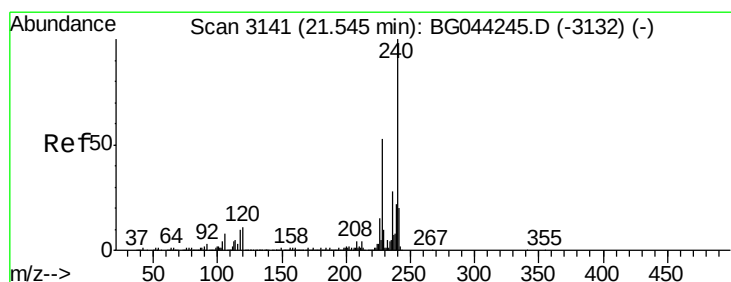
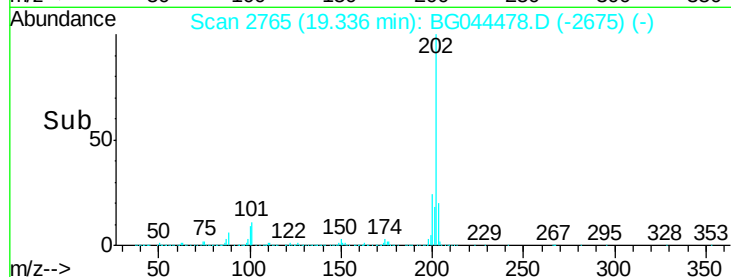
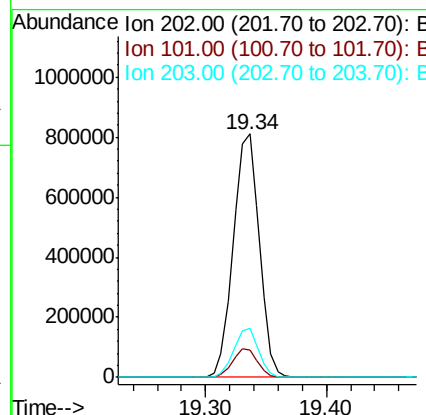
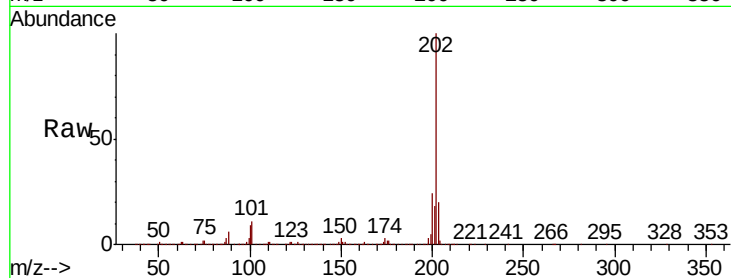
#75
 Fluoranthene
 Concen: 50.247 ng
 RT: 19.34 min Scan# 2765
 Delta R.T. -0.00 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.3
203	20.0	0.0	39.9

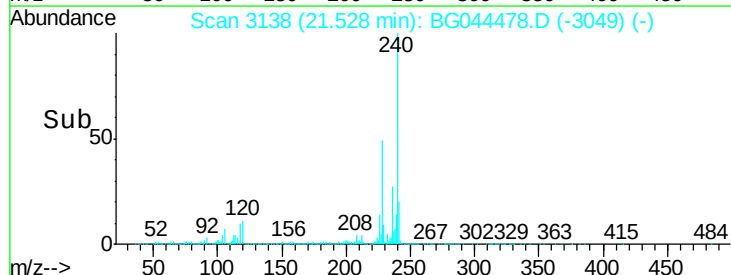
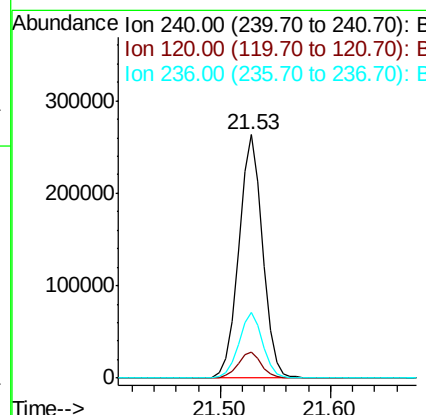
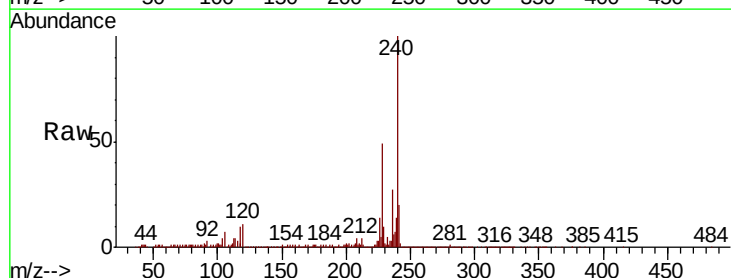
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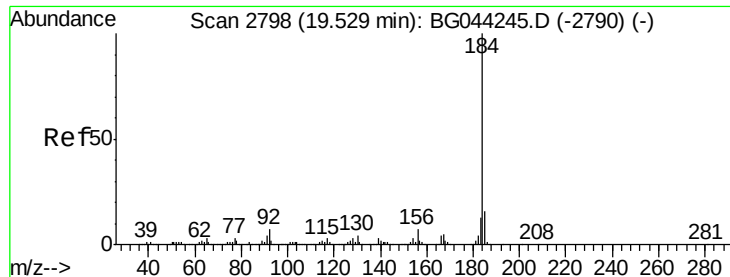
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.4	12.6
236	26.9	22.1	33.1





#77

Benzidine

Concen: 24.762 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

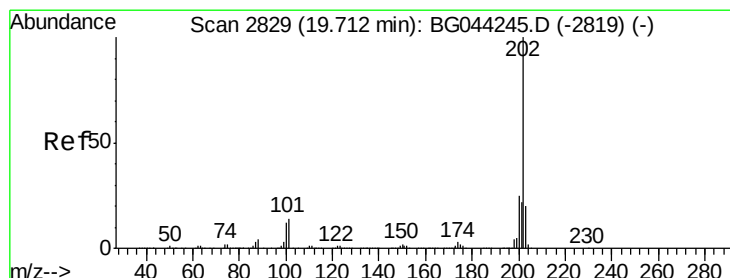
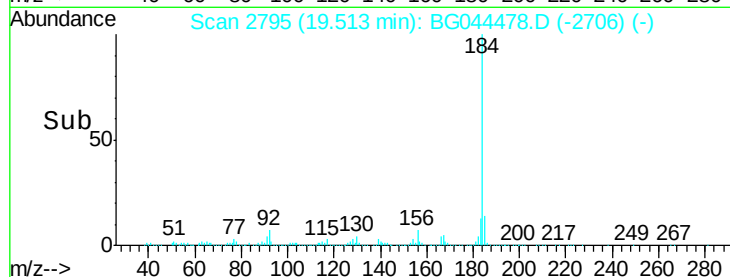
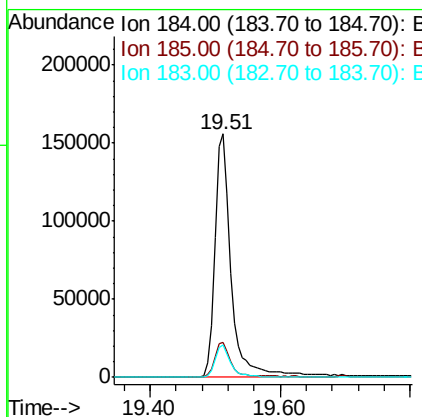
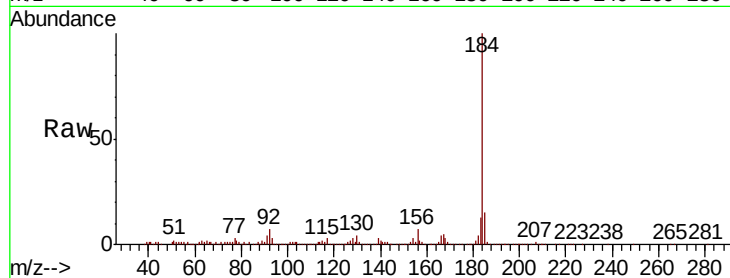
ClientSampleId :

CL-02-021420MSD

Tot Ion:	184	Resp:	273073
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.9	19.3
183	13.1	10.8	16.2

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#78

Pyrene

Concen: 47.989 ng

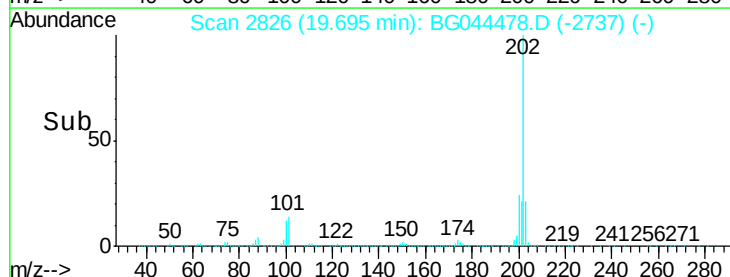
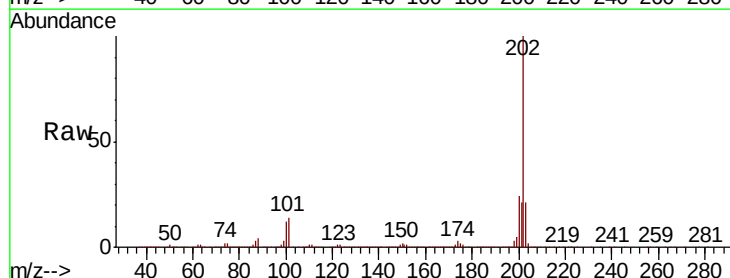
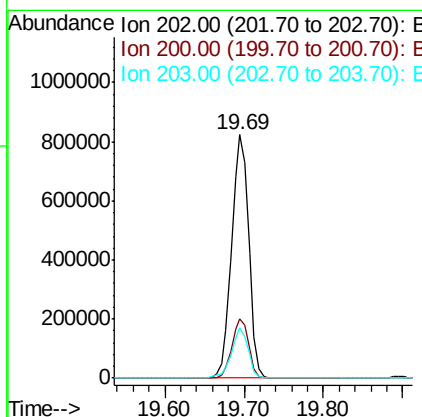
RT: 19.69 min Scan# 2826

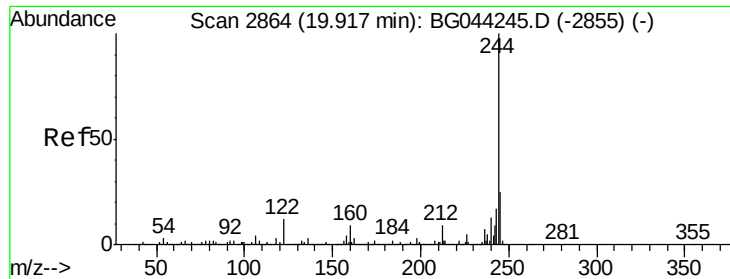
Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Tgt Ion:	202	Resp:	1225283
Ion Ratio	Lower	Upper	
202	100		
200	24.5	20.0	30.0
203	20.5	16.2	24.2





#79

Terphenyl-d14

Concen: 90.680 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampleId :

CL-02-021420MSD

Tot Ion:244 Resp: 1752792

Ion Ratio Lower Upper

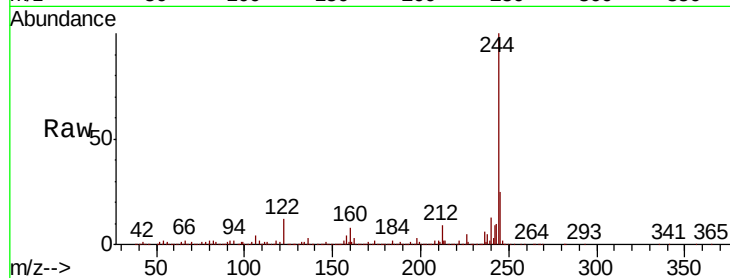
244 100

212 9.1 7.4 11.2

122 11.7 9.8 14.6

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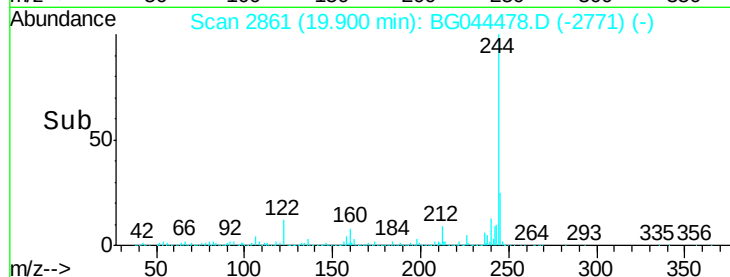


Abundance Ion 244.00 (243.70 to 244.70): E

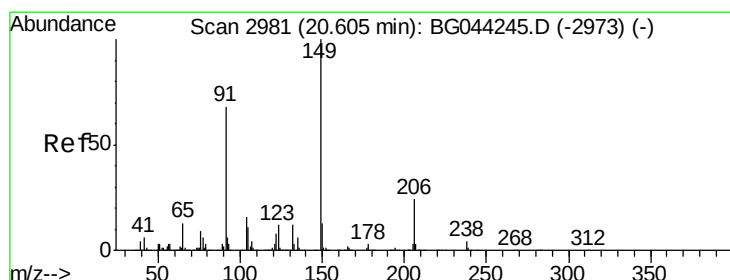
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.90



Time-->



#80

Butylbenzylphthalate

Concen: 46.262 ng

RT: 20.59 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

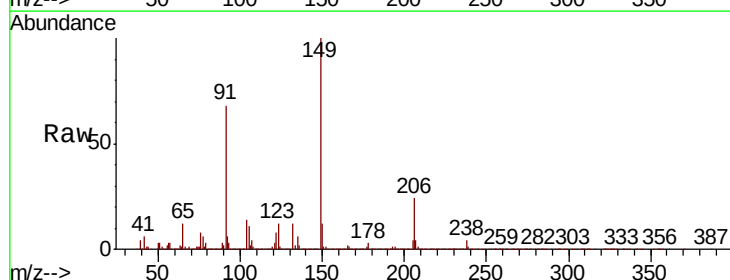
Tgt Ion:149 Resp: 538283

Ion Ratio Lower Upper

149 100

91 67.5 54.5 81.7

206 24.2 19.1 28.7

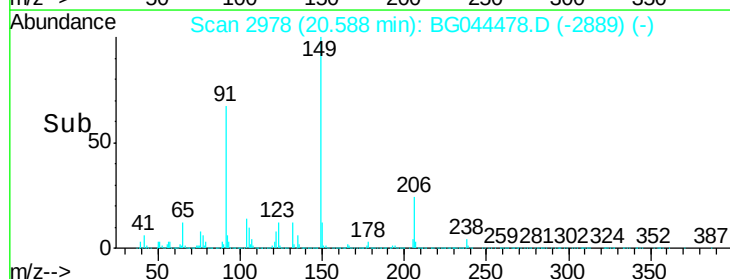


Abundance Ion 149.00 (148.70 to 149.70): E

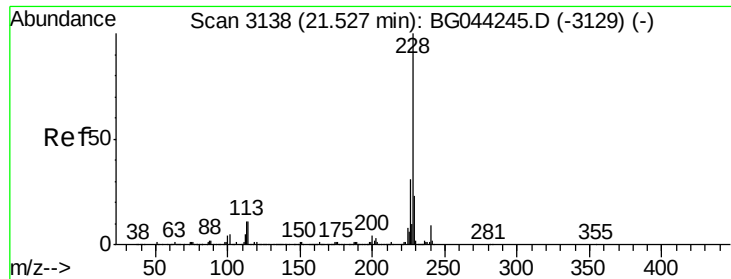
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

20.59



Time-->



#81

Benzo(a)anthracene

Concen: 47.554 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampleId :

CL-02-021420MSD

Tot Ion:228 Resp: 1165215

Ion Ratio Lower Upper

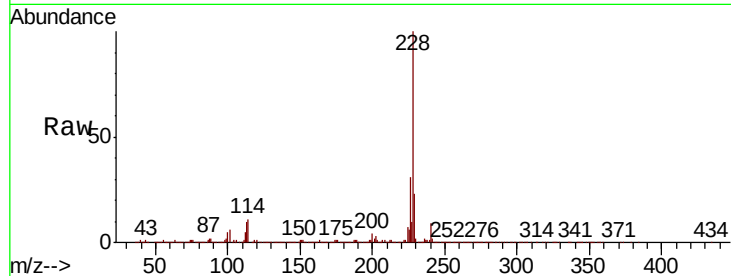
228 100

226 31.0 24.7 37.1

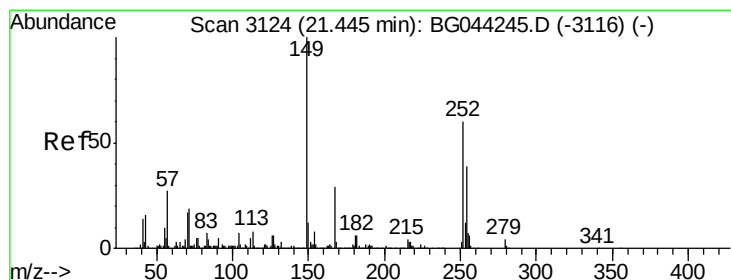
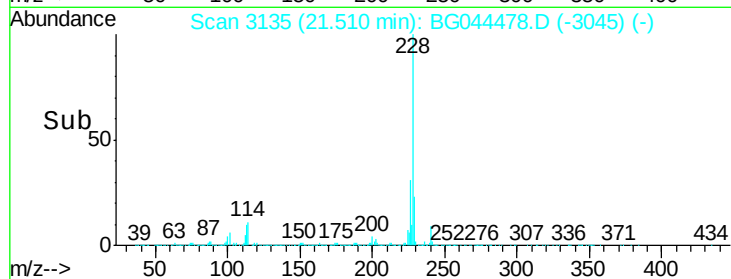
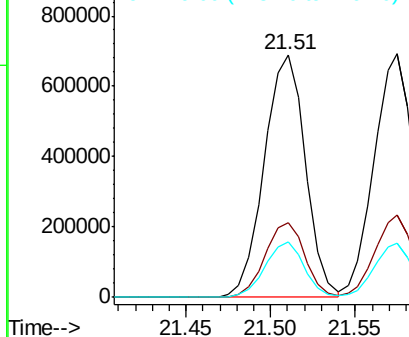
229 22.9 18.2 27.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 14.929 ng

RT: 21.42 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

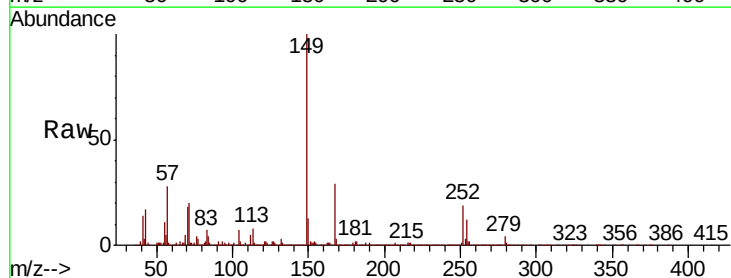
Tgt Ion:252 Resp: 141970

Ion Ratio Lower Upper

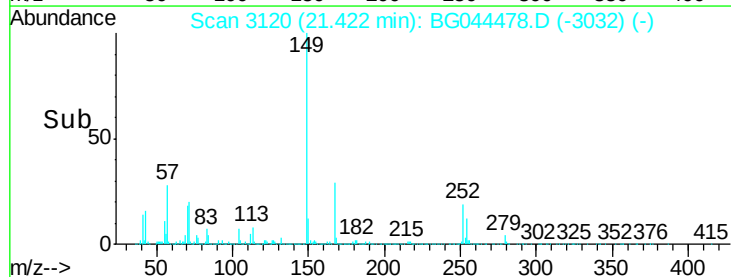
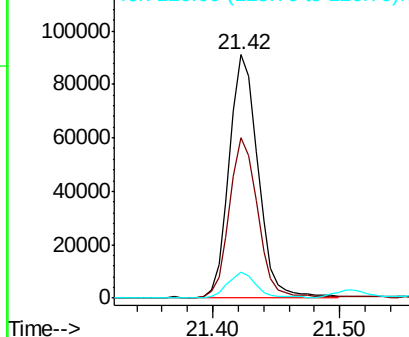
252 100

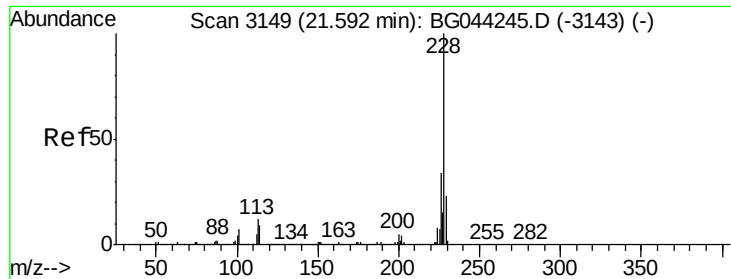
254 65.8 52.6 78.8

126 10.6 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





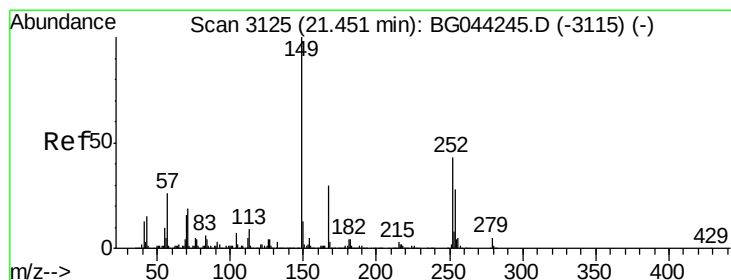
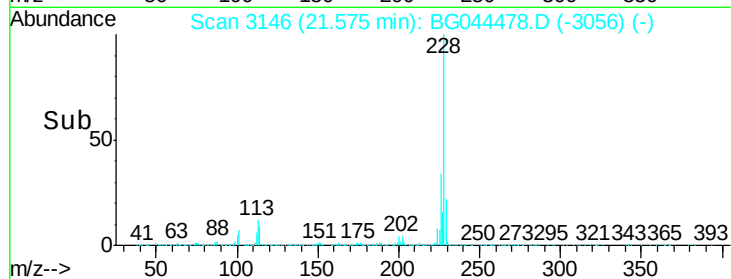
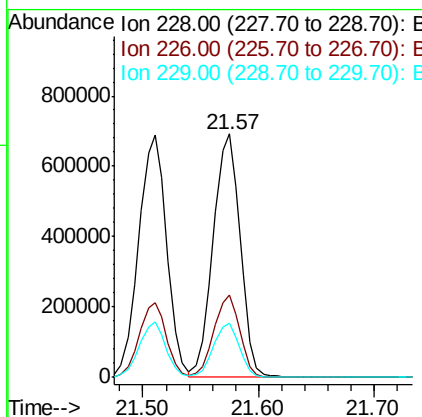
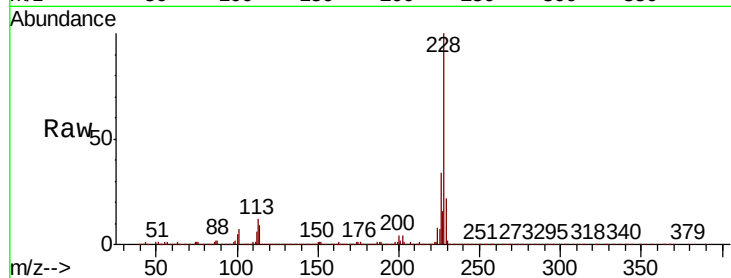
#83
Chrysene
Concen: 47.240 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.8	27.1	40.7
229	22.0	17.9	26.9

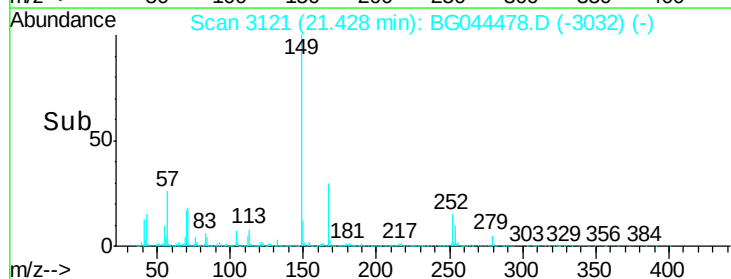
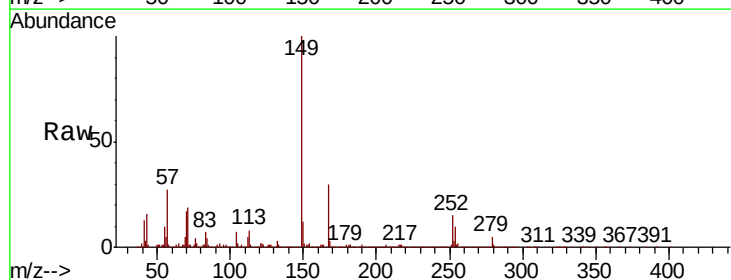
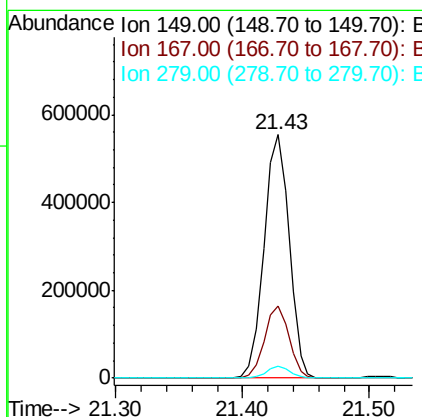
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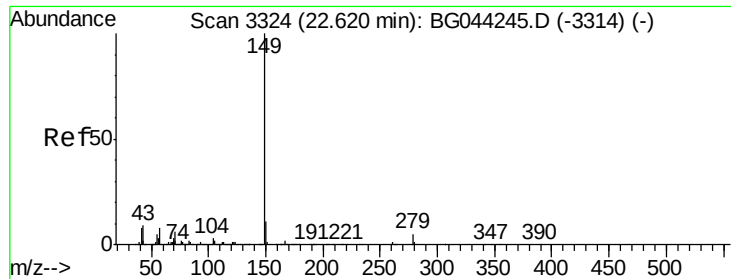
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.610 ng
RT: 21.43 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	24.0	36.0
279	4.7	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 48.142 ng

RT: 22.59 min Scan# 3319

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

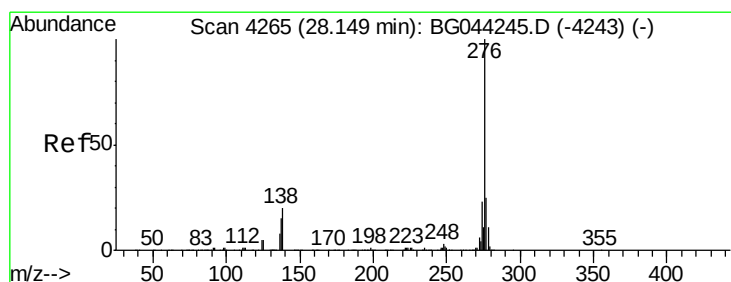
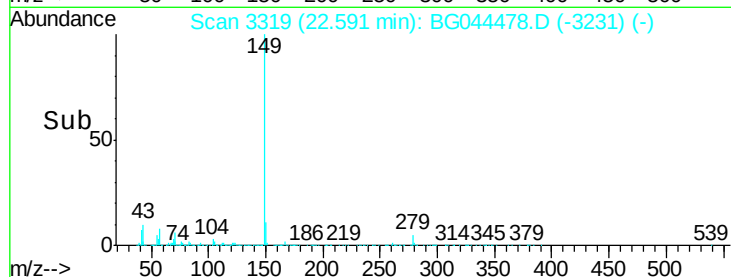
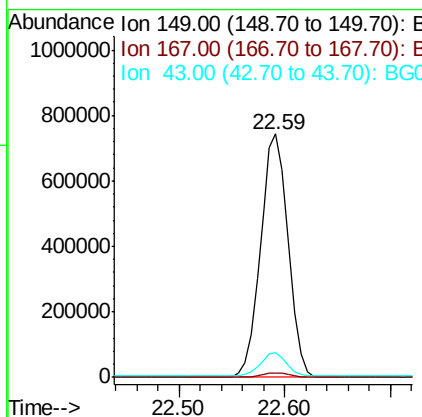
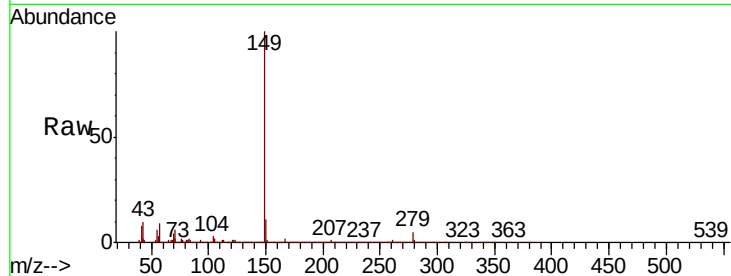
ClientSampleId :

CL-02-021420MSD

Tot Ion:	149	Resp:	1334013
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	9.3	7.4	11.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 48.251 ng

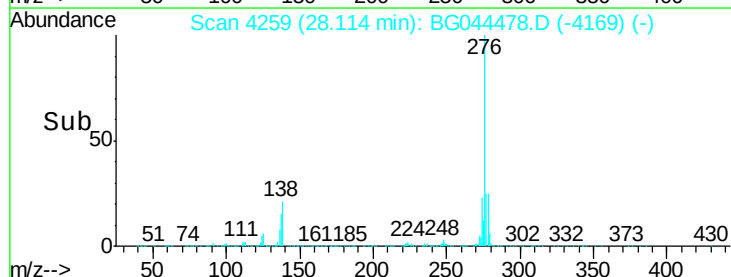
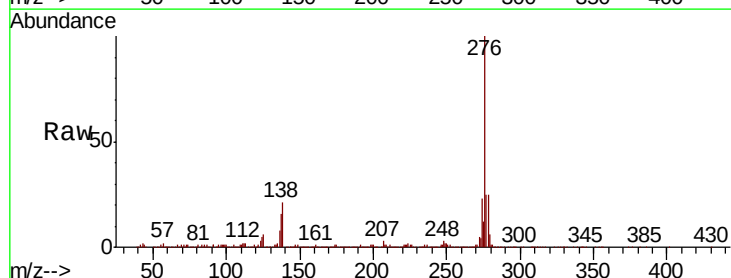
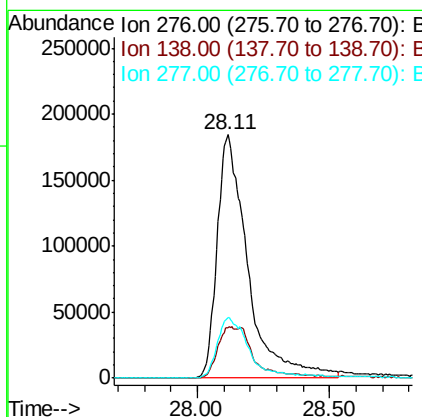
RT: 28.11 min Scan# 4259

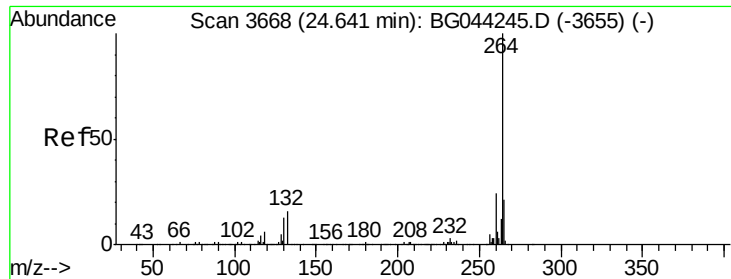
Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Tgt Ion:	276	Resp:	1490963
Ion	Ratio	Lower	Upper
276	100		
138	12.6	19.4	29.0#
277	24.5	21.0	31.6





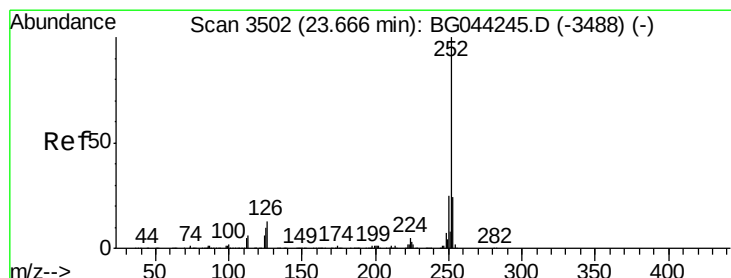
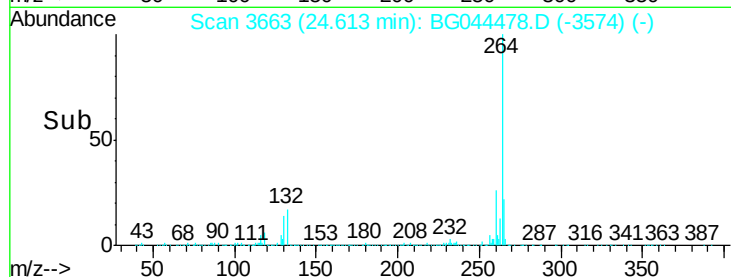
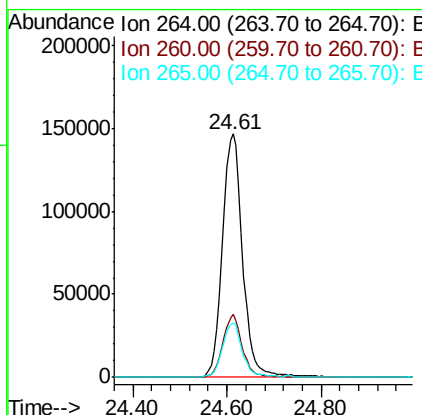
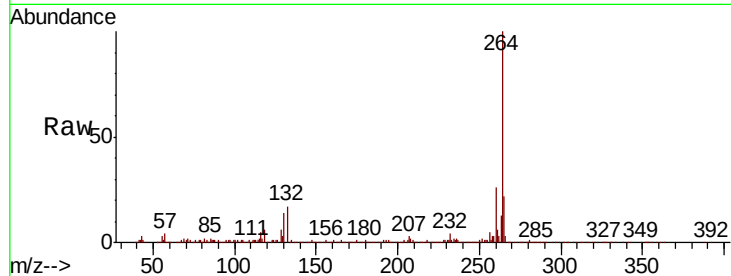
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.4	29.2
265	22.1	16.7	25.1

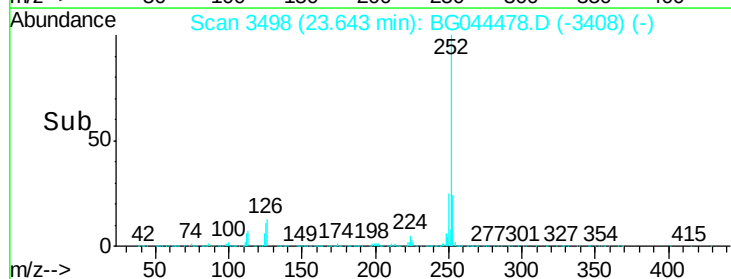
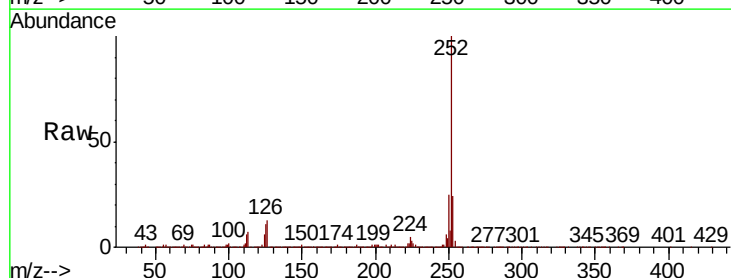
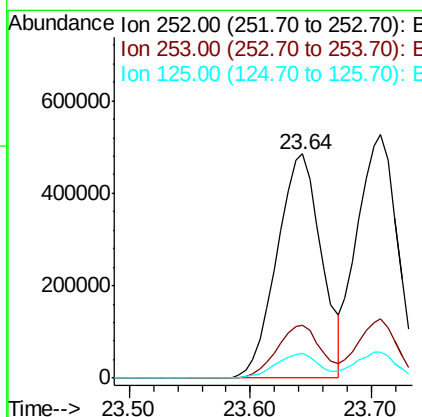
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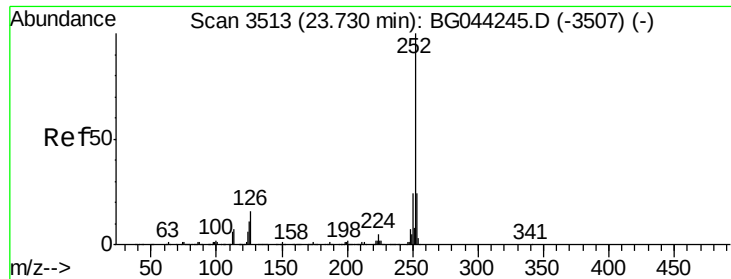
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#88
Benzo(b)fluoranthene
Concen: 48.914 ng
RT: 23.64 min Scan# 3498
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	10.8	8.4	12.6





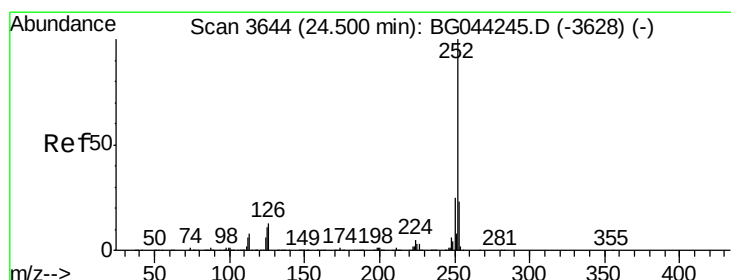
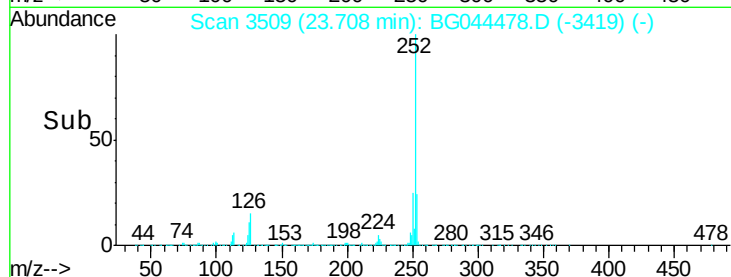
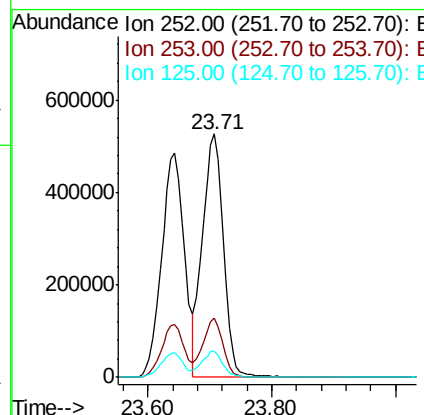
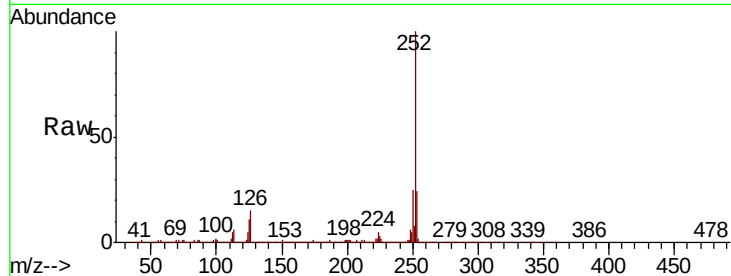
#89
Benzo(k)fluoranthene
Concen: 50.049 ng
RT: 23.71 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.1	28.7
125	10.8	8.6	12.8

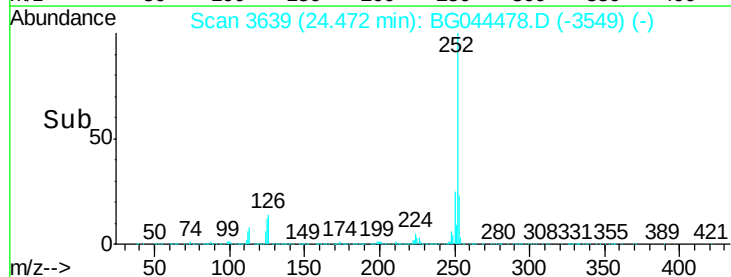
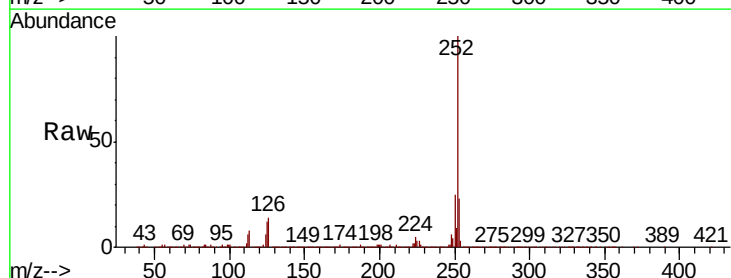
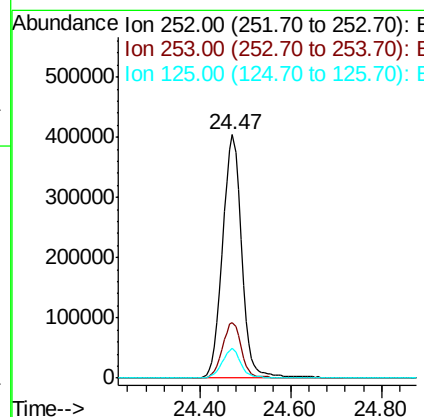
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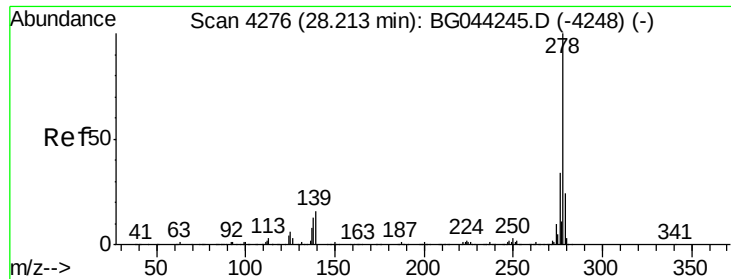
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#90
Benzo(a)pyrene
Concen: 48.967 ng
RT: 24.47 min Scan# 3639
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	12.2	8.6	13.0





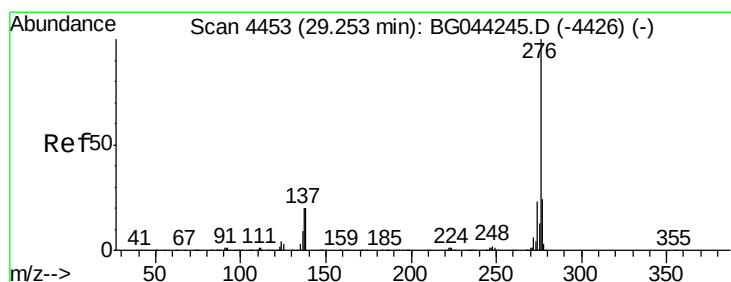
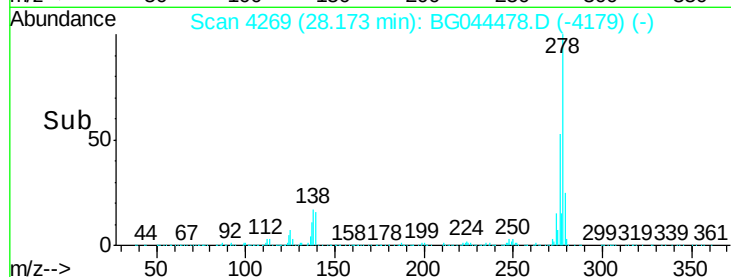
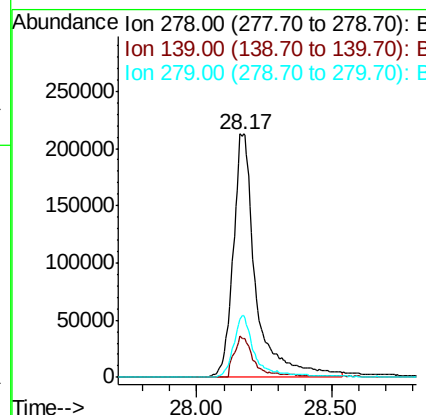
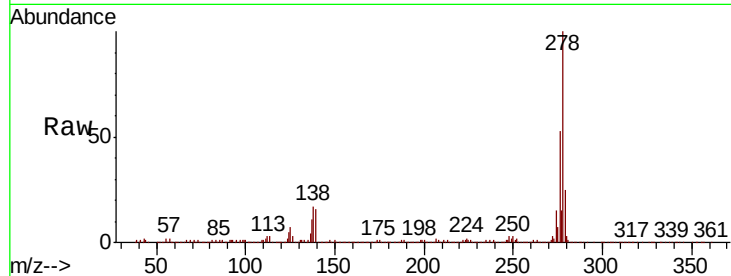
#91
Dibenzo(a,h)anthracene
Concen: 52.889 ng
RT: 28.17 min Scan# 4269
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	25.3	19.3	28.9

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#92
Benzo(g,h,i)perylene
Concen: 48.479 ng
RT: 29.21 min Scan# 4445
Delta R.T. 0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	20.4	16.2	24.2

