

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045509.D
 Acq On : 29 May 2020 1:44
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 5/29/2020 10:27:11 PM

Quant Time: May 29 06:37:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	93632	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	389892	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	277150	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	613284	20.00	ng	0.00
76) Chrysene-d12	21.61	240	540908	20.00	ng	0.00
87) Perylene-d12	24.75	264	591900	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	401204	83.74	ng	0.00
7) Phenol-d6	7.16	99	594456	87.17	ng	0.00
23) Nitrobenzene-d5	9.12	82	592595	82.88	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	285641	80.59	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1330390	81.42	ng	0.00
79) Terphenyl-d14	19.96	244	1941484	83.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	92049	38.744	ng	99
3) Pyridine	3.81	79	266745	40.313	ng	95
4) n-Nitrosodimethylamine	3.72	42	88993	41.101	ng	88
6) Aniline	7.29	93	375320	42.162	ng	98
8) 2-Chlorophenol	7.53	128	224555	42.740	ng	97
9) Benzaldehyde	7.09	77	179405	40.381	ng	97
10) Phenol	7.19	94	306482	43.608	ng	97
11) bis(2-Chloroethyl)ether	7.38	93	233957	42.678	ng	97
12) 1,3-Dichlorobenzene	7.85	146	266550	42.217	ng	98
13) 1,4-Dichlorobenzene	7.99	146	269626	43.272	ng	99
14) 1,2-Dichlorobenzene	8.32	146	256585	42.815	ng	96
15) Benzyl Alcohol	8.21	79	246456	43.750	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.49	45	216169	41.542	ng	99
17) 2-Methylphenol	8.43	107	227029	43.158	ng	96
18) Hexachloroethane	9.04	117	101670	42.604	ng	91
19) n-Nitroso-di-n-propylamine	8.77	70	200999	42.625	ng	96
20) 3+4-Methylphenols	8.77	107	314766	43.941	ng	# 74
22) Acetophenone	8.78	105	381369	41.270	ng	95
24) Nitrobenzene	9.16	77	313072	40.869	ng	98
25) Isophorone	9.68	82	575595	40.878	ng	99
26) 2-Nitrophenol	9.88	139	140455	42.862	ng	91
27) 2,4-Dimethylphenol	9.96	122	206394	42.466	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	301419	40.818	ng	97
29) 2,4-Dichlorophenol	10.44	162	247306	43.090	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	288769	42.580	ng	98
31) Naphthalene	10.81	128	751426	41.358	ng	99
32) Benzoic acid	10.15	122	141992	44.009	ng	91
33) 4-Chloroaniline	10.93	127	329075	43.330	ng	96
34) Hexachlorobutadiene	11.11	225	202327	42.205	ng	98
35) Caprolactam	11.71	113	85829m	40.742	ng	
36) 4-Chloro-3-methylphenol	12.09	107	273836	42.342	ng	99
37) 2-Methylnaphthalene	12.42	142	574274	42.407	ng	98
38) 1-Methylnaphthalene	12.64	142	538516m	42.098	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	324506	41.919	ng	99

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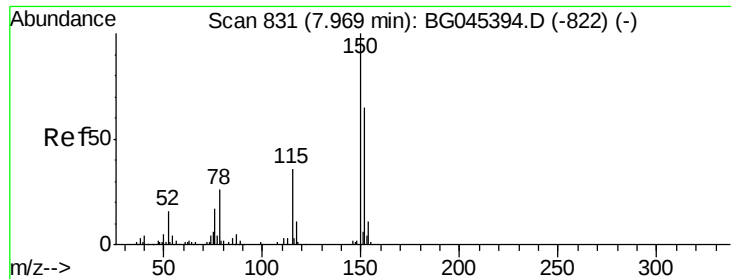
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	126280	28.263	nq	98
43) 2,4,6-Trichlorophenol	13.04	196	224471	41.742	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	253058	41.180	nq	99
46) 1,1'-Biphenyl	13.43	154	703650	41.319	nq	100
47) 2-Chloronaphthalene	13.48	162	567631	41.047	nq	99
48) 2-Nitroaniline	13.68	65	182477	40.115	nq	87
49) Acenaphthylene	14.32	152	906603	40.815	nq	99
50) Dimethylphthalate	14.06	163	740225	38.934	nq	98
51) 2,6-Dinitrotoluene	14.17	165	169396	39.485	nq	96
52) Acenaphthene	14.67	154	606249m	40.774	nq	
53) 3-Nitroaniline	14.51	138	174569	40.029	nq	97
54) 2,4-Dinitrophenol	14.72	184	86693	34.202	nq	99
55) Dibenzofuran	15.00	168	887877	40.212	nq	96
56) 4-Nitrophenol	14.87	139	117999	35.738	nq	93
57) 2,4-Dinitrotoluene	14.97	165	245439	39.503	nq	99
58) Fluorene	15.65	166	731221	40.310	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	213916	39.568	nq	98
60) Diethylphthalate	15.42	149	765220	38.670	nq	99
61) 4-Chlorophenyl-phenylether	15.64	204	421425	40.599	nq	99
62) 4-Nitroaniline	15.68	138	174696	38.371	nq	98
63) Azobenzene	15.93	77	720793	39.064	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	138068	38.656	nq	96
66) n-Nitrosodiphenylamine	15.86	169	640358	43.488	nq	96
67) 4-Bromophenyl-phenylether	16.54	248	299540	45.106	nq	95
68) Hexachlorobenzene	16.66	284	303532	43.700	nq	99
69) Atrazine	16.81	200	243266	40.110	nq	97
70) Pentachlorophenol	17.02	266	143914	39.904	nq	98
71) Phenanthrene	17.39	178	1107809	41.377	nq	99
72) Anthracene	17.49	178	1119097	41.623	nq	98
73) Carbazole	17.76	167	1049547	40.047	nq	99
74) Di-n-butylphthalate	18.31	149	1221026	38.817	nq	98
75) Fluoranthene	19.40	202	1308678	38.430	nq	98
77) Benzidine	19.58	184	576639	37.958	nq	98
78) Pyrene	19.76	202	1311095	42.521	nq	99
80) Butylbenzylphthalate	20.65	149	551133	41.411	nq	97
81) Benzo(a)anthracene	21.59	228	1263338	41.926	nq	98
82) 3,3'-Dichlorobenzidine	21.51	252	493839	41.781	nq	100
83) Chrysene	21.66	228	1218163	42.044	nq	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	754217	41.226	nq	97
85) Di-n-octyl phthalate	22.69	149	1291320	41.096	nq	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1571290	41.472	nq	# 96
88) Benzo(b)fluoranthene	23.77	252	1338240	42.157	nq	99
89) Benzo(k)fluoranthene	23.83	252	1276375	42.798	nq	99
90) Benzo(a)pyrene	24.61	252	1254432	42.431	nq	96
91) Dibenzo(a,h)anthracene	28.39	278	1257285	42.320	nq	100
92) Benzo(g,h,i)perylene	29.45	276	1256345	42.283	nq	98

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



#1

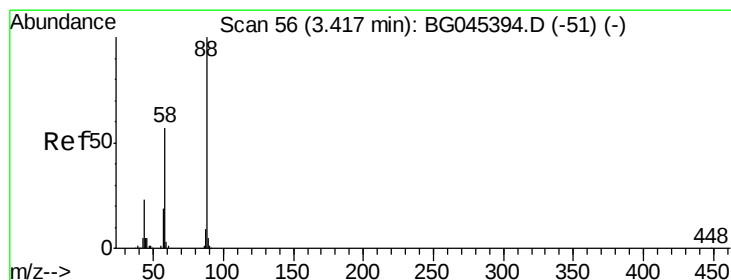
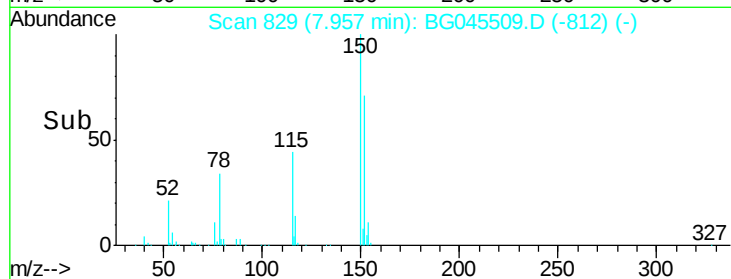
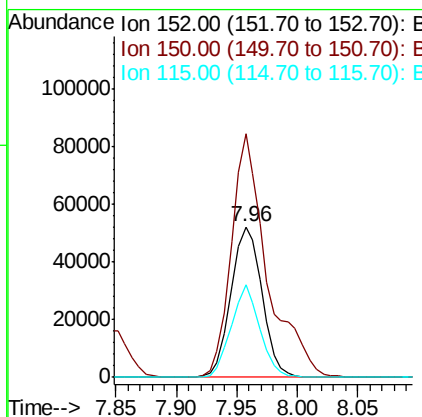
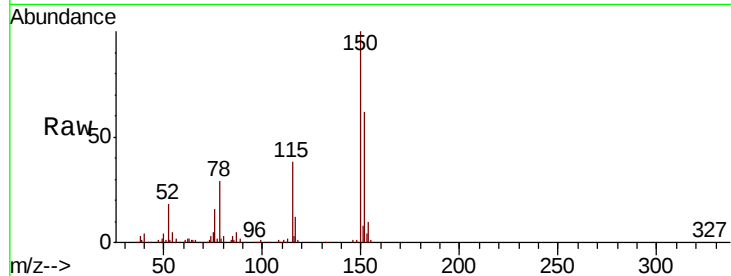
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	122.4	183.6
115	61.6	44.2	66.4

Manual Integrations
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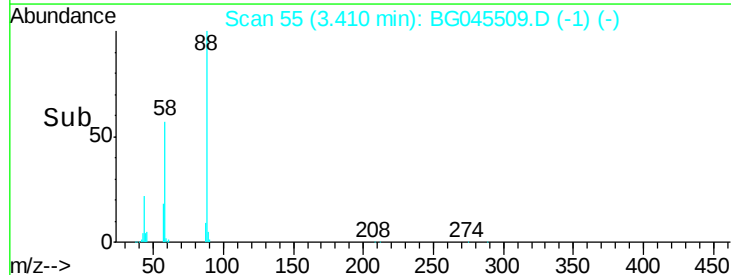
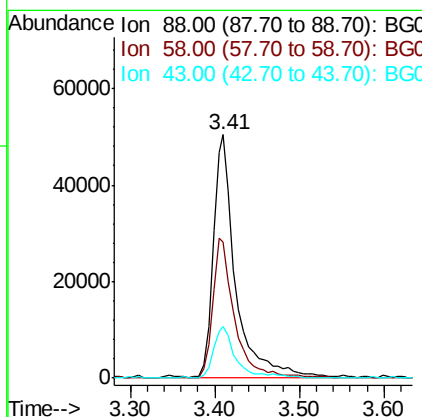
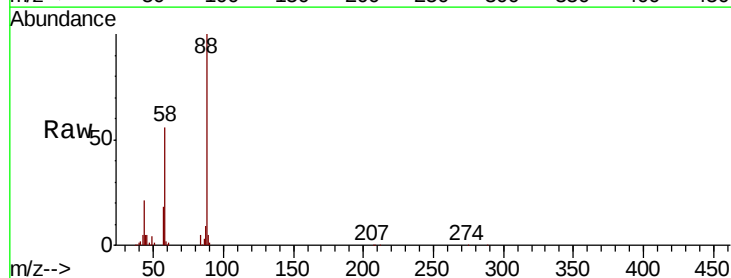
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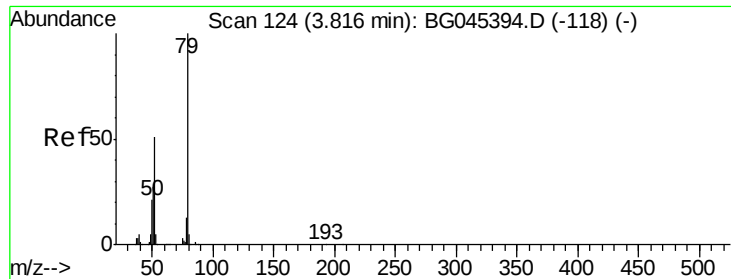


#2

1,4-Dioxane
Concen: 38.744 ng
RT: 3.41 min Scan# 55
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.9	45.7	68.5
43	22.0	16.8	25.2





#3

Pvridine

Concen: 40.313 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

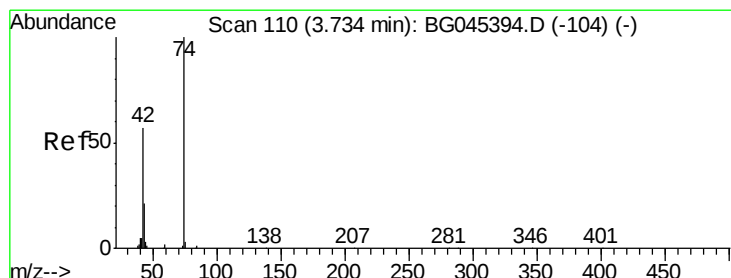
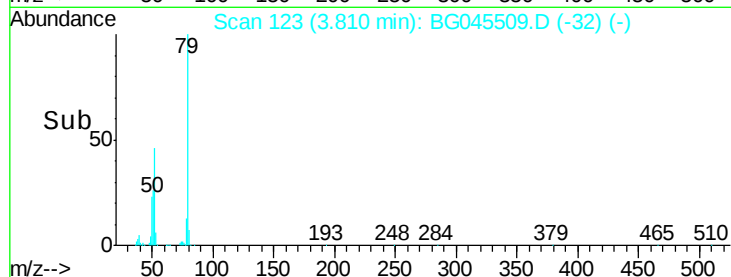
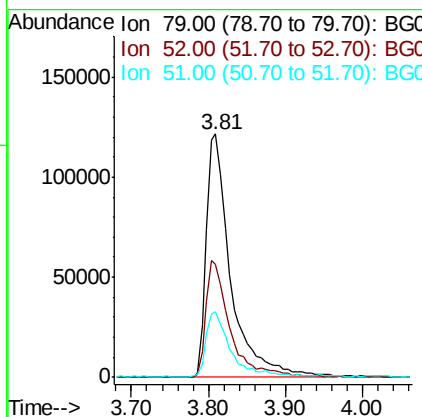
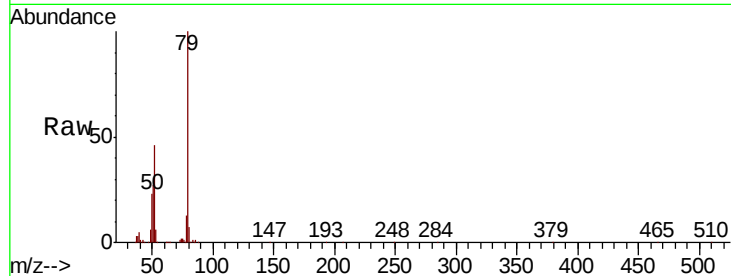
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	266745
Ion Ratio	Lower	Upper	
79	100		
52	46.2	40.8	61.2
51	27.1	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 41.101 ng

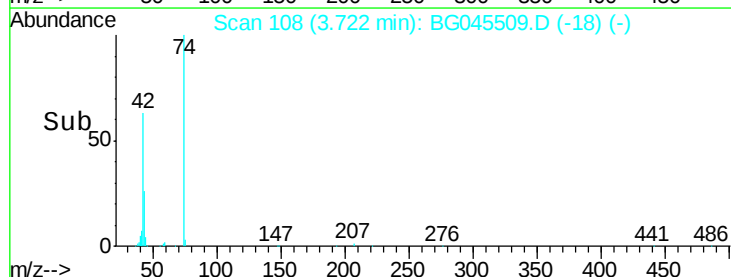
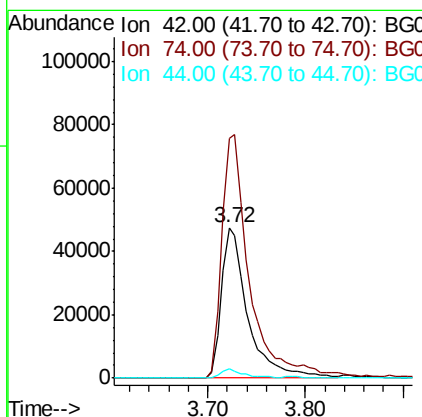
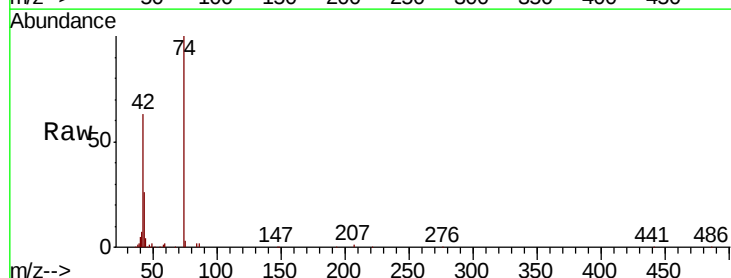
RT: 3.72 min Scan# 108

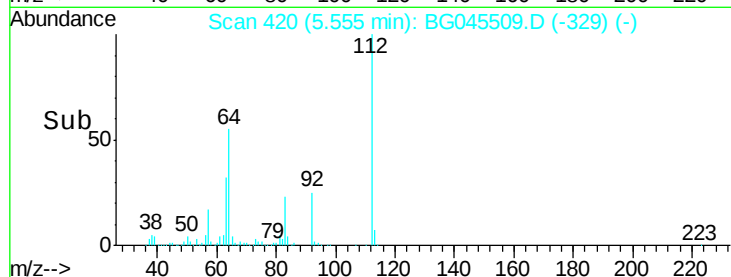
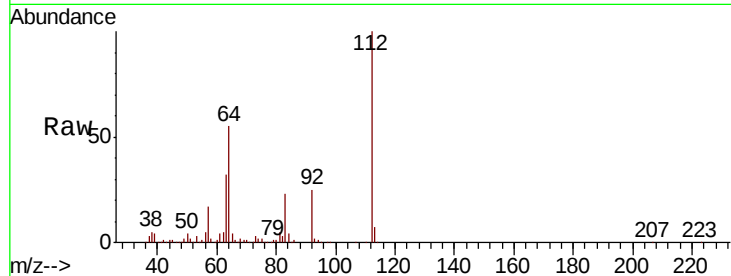
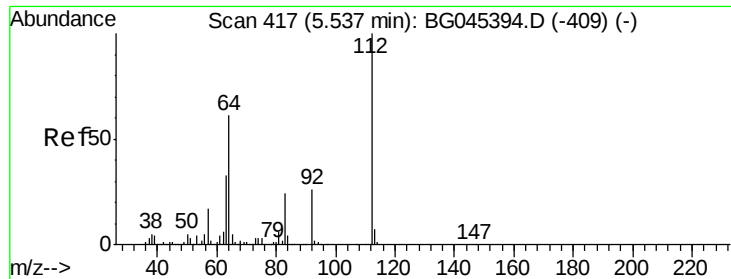
Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Tgt Ion:	42	Resp:	88993
Ion Ratio	Lower	Upper	
42	100		
74	159.3	141.3	211.9
44	5.9	4.2	6.4





#5

2-Fluorophenol

Concen: 83.740 ng

RT: 5.55 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
401204	112	100			
	64	55.2		48.6	72.8
	63	32.0		26.5	39.7

Instrument :

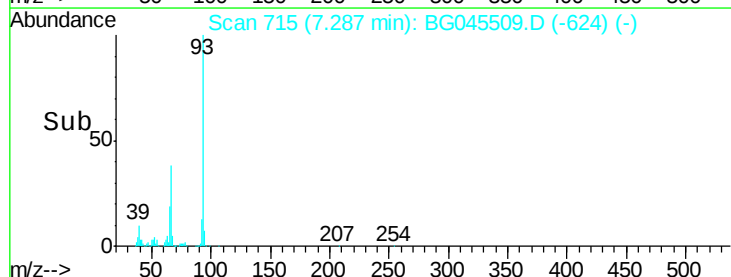
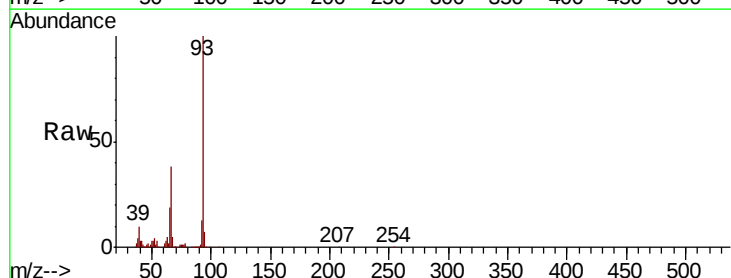
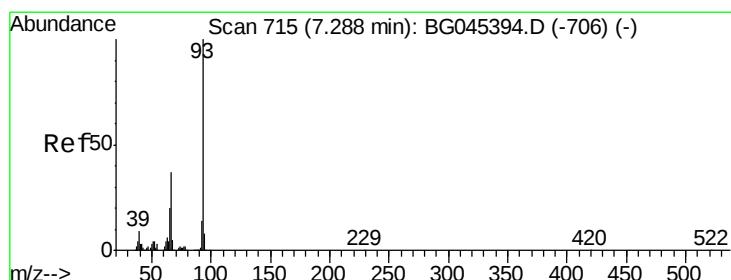
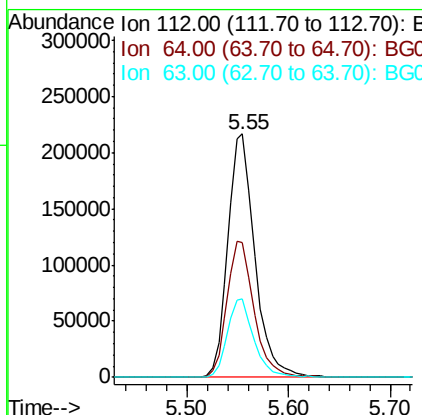
BNA_G

ClientSampleId :

SSTDCCC040

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#6

Aniline

Concen: 42.162 ng

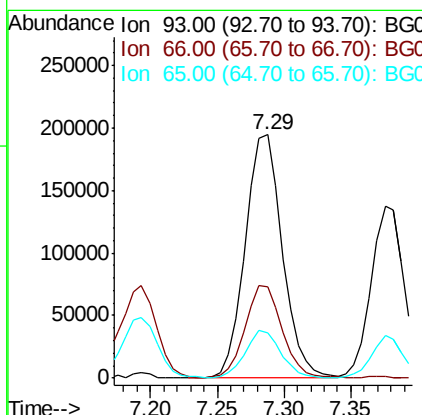
RT: 7.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
375320	93	100			
	66	37.6		29.6	44.4
	65	18.5		15.9	23.9





#7

Phenol-d6

Concen: 87.175 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

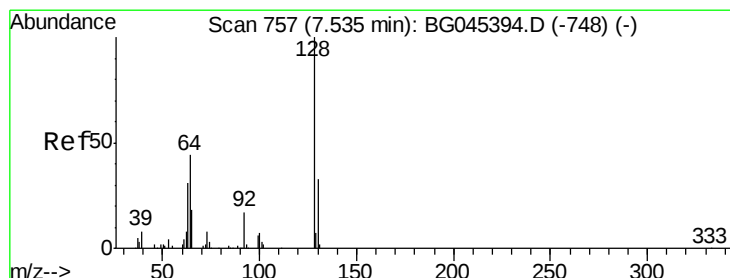
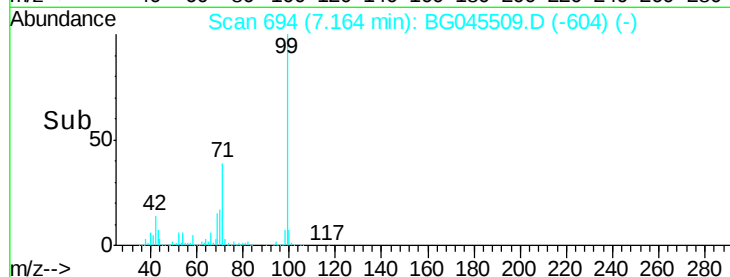
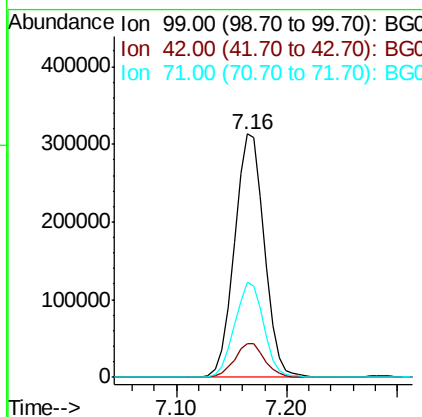
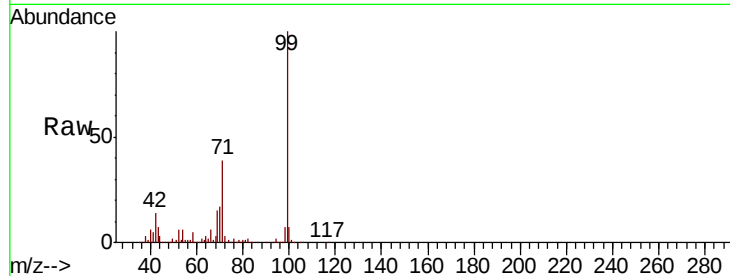
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		594456		
42	13.8	11.3	16.9		
71	39.3	30.8	46.2		

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#8

2-Chlorophenol

Concen: 42.740 ng

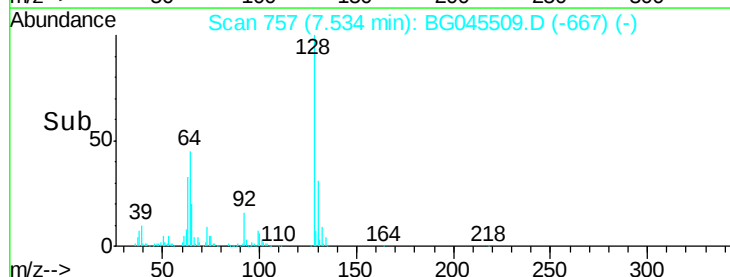
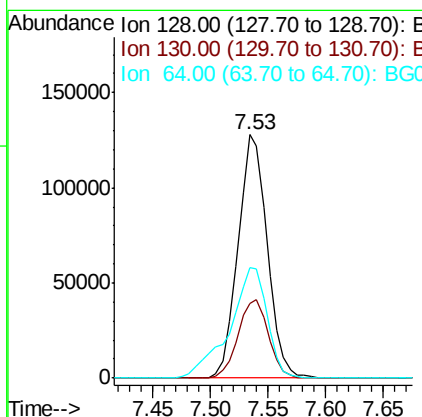
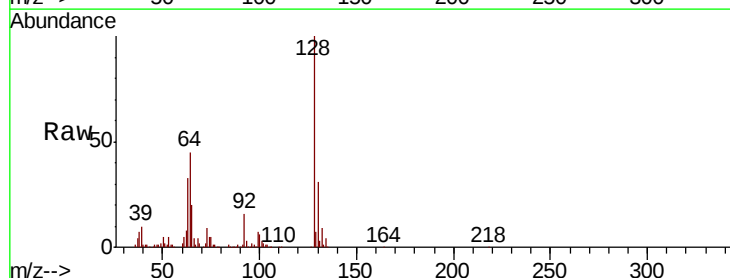
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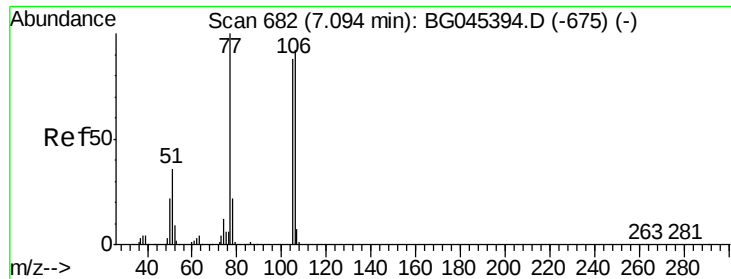
Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		224555		
130	30.7	12.6	52.6		
64	45.3	27.0	67.0		





#9

Benzaldehyde

Concen: 40.381 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

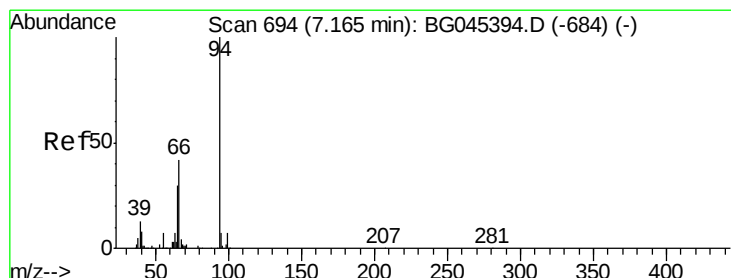
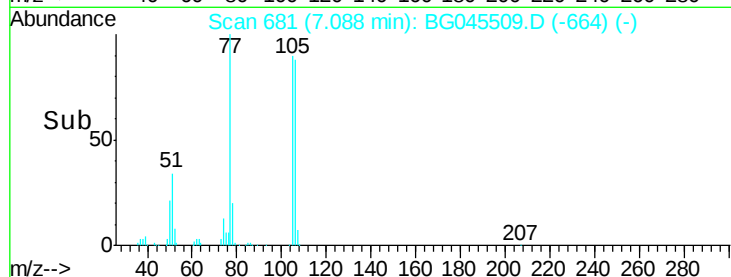
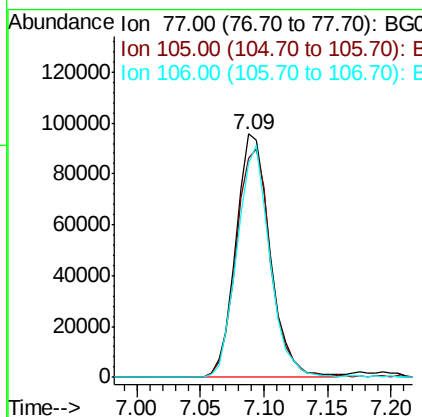
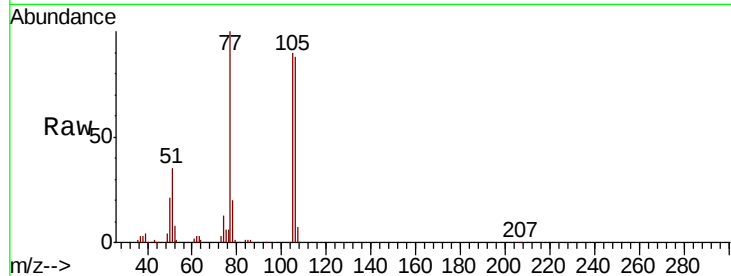
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	179405
Ion Ratio	Lower	Upper	
77	100		
105	90.2	68.5	108.5
106	88.0	71.6	111.6

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#10

Phenol

Concen: 43.608 ng

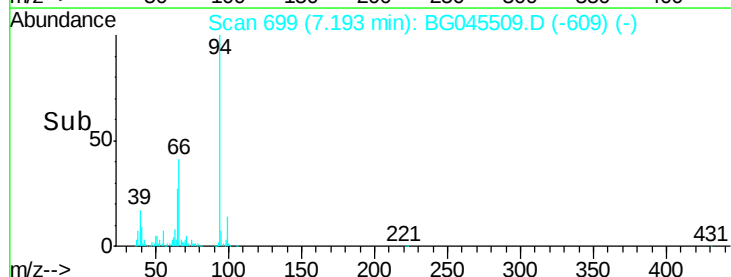
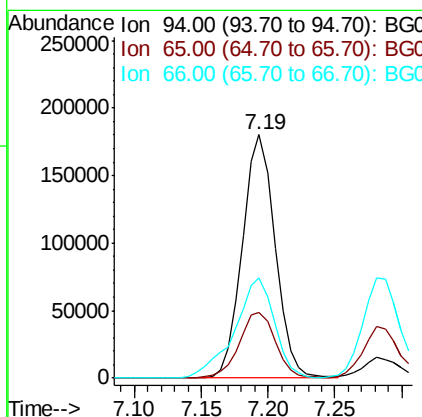
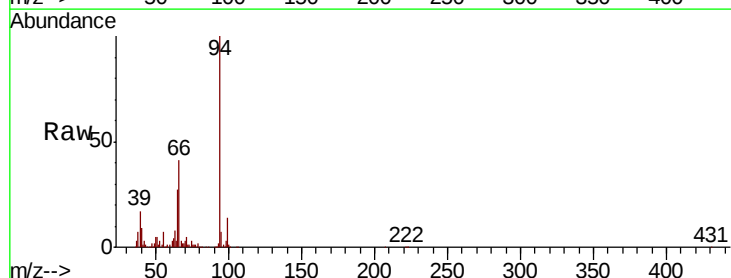
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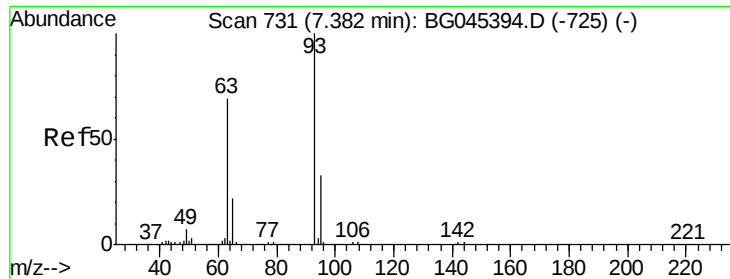
Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Tgt Ion:	94	Resp:	306482
Ion Ratio	Lower	Upper	
94	100		
65	27.0	9.8	49.8
66	41.2	22.0	62.0





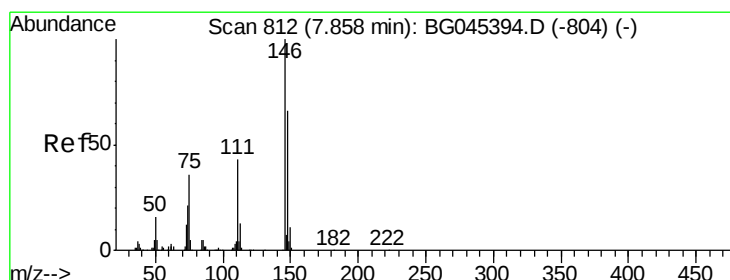
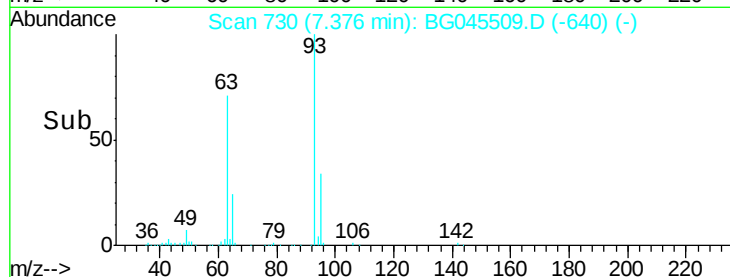
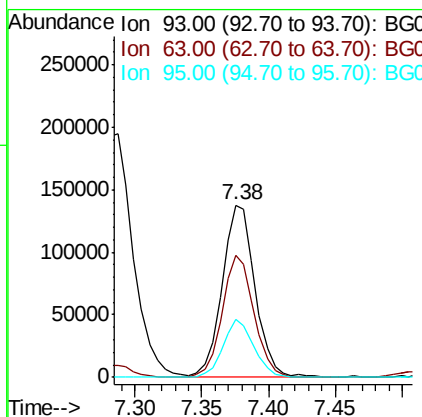
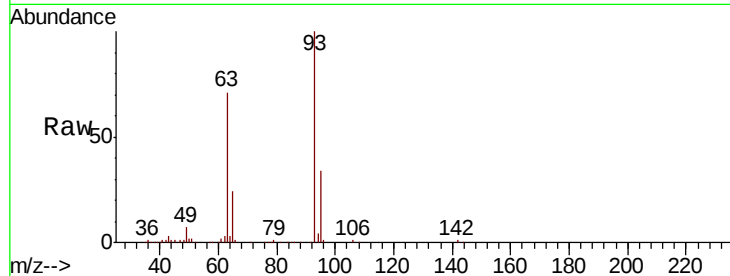
#11
bis(2-Chloroethyl)ether
Concen: 42.678 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	233957
Ion Ratio	Lower	Upper	
93	100		
63	70.8	48.4	88.4
95	33.9	12.4	52.4

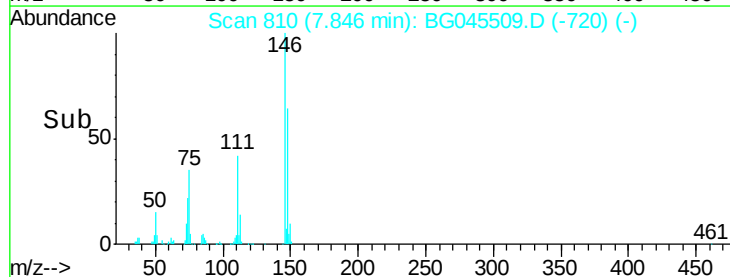
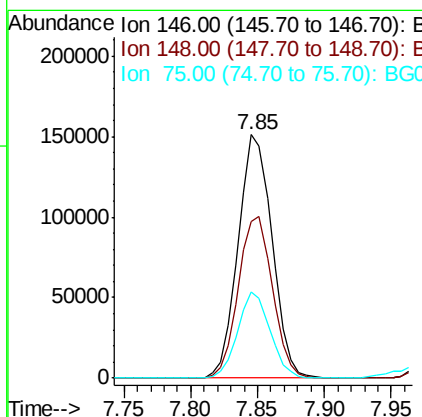
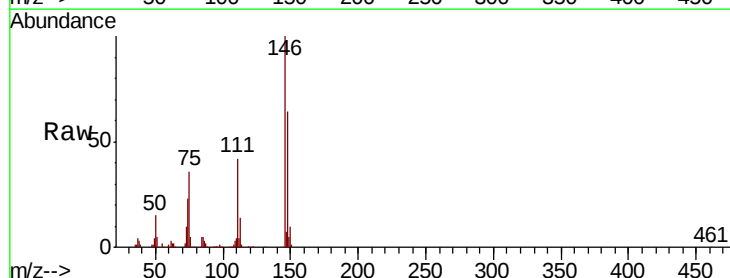
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#12
1,3-Dichlorobenzene
Concen: 42.217 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	146	Resp	266550
Ion Ratio	Lower	Upper	
146	100		
148	64.5	53.2	79.8
75	35.6	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 43.272 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

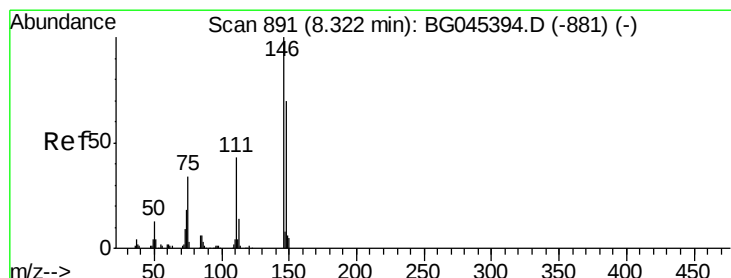
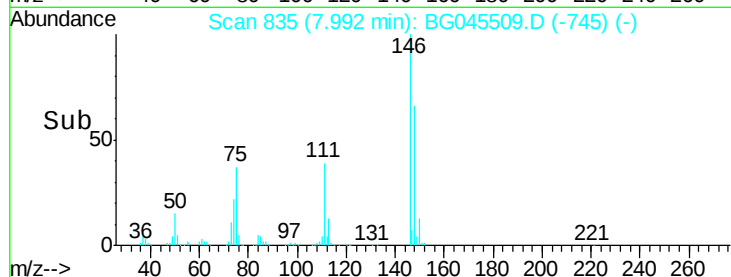
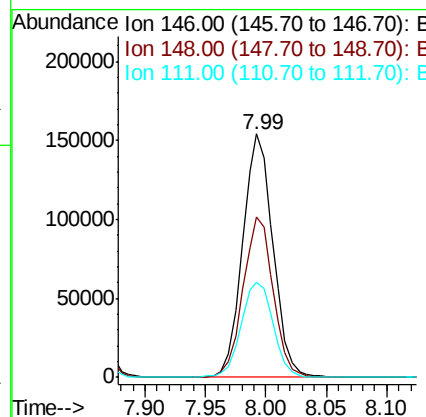
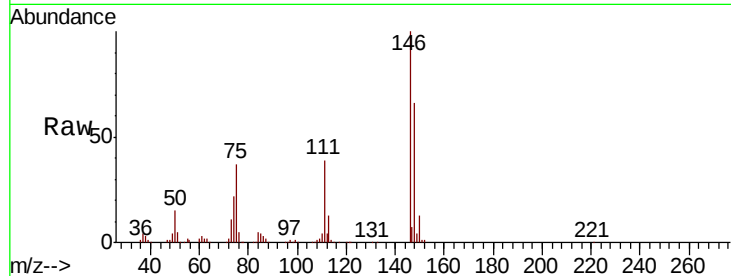
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	269626
Ion Ratio	Lower	Upper	
146	100		
148	65.7	51.8	77.8
111	39.2	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 42.815 ng

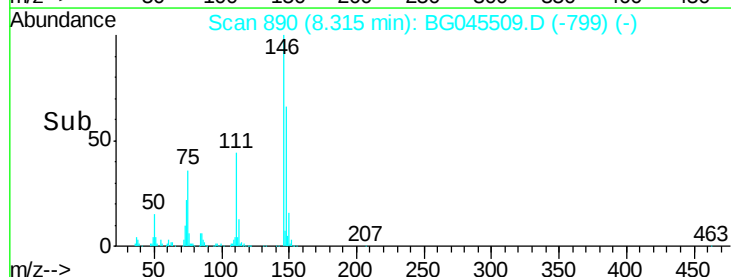
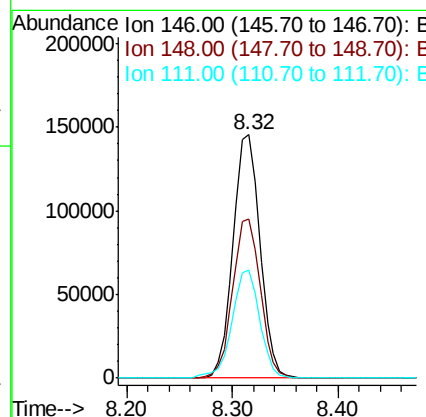
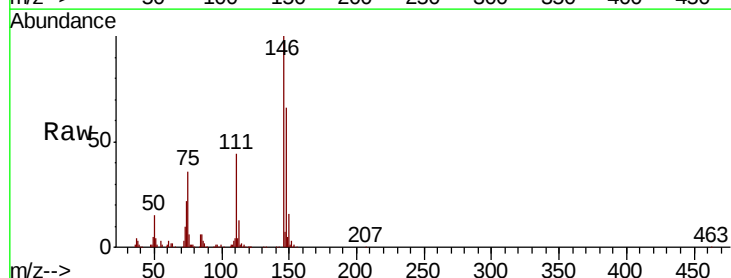
RT: 8.32 min Scan# 890

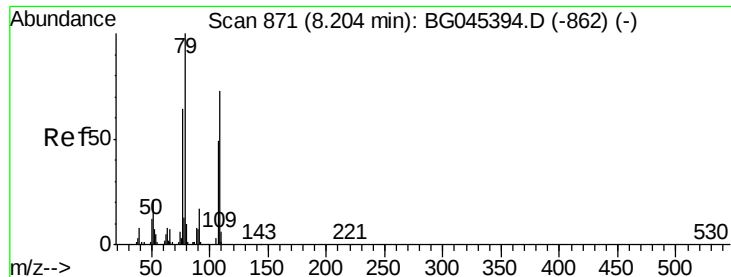
Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Tgt Ion:	146	Resp:	256585
Ion Ratio	Lower	Upper	
146	100		
148	65.6	55.9	83.9
111	44.3	35.0	52.4





#15

Benzyl Alcohol

Concen: 43.750 ng

RT: 8.21 min Scan# 872

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

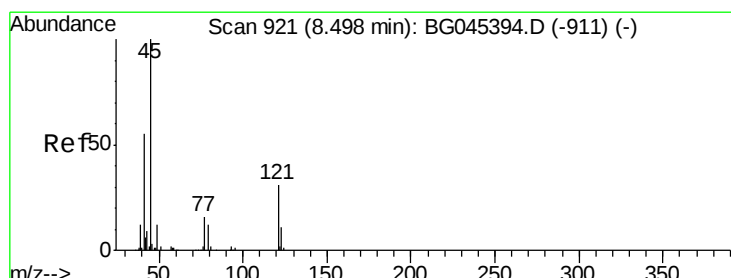
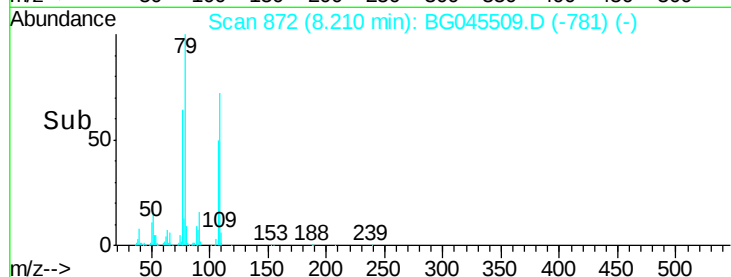
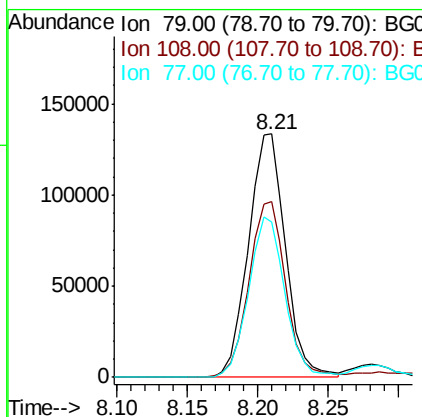
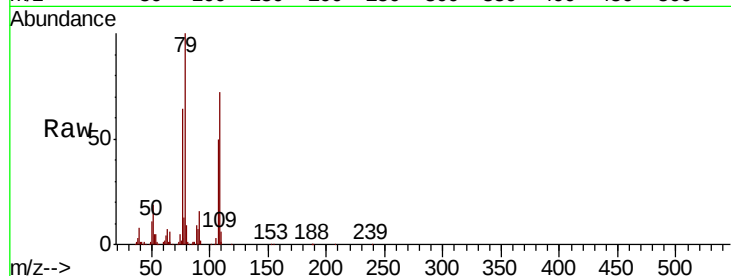
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	246456
Ion Ratio	Lower	Upper	
79	100		
108	72.3	58.2	87.4
77	63.7	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.542 ng

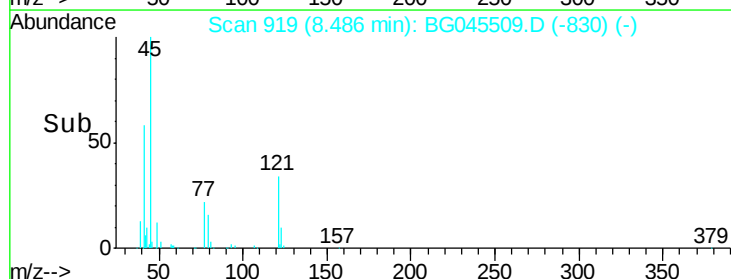
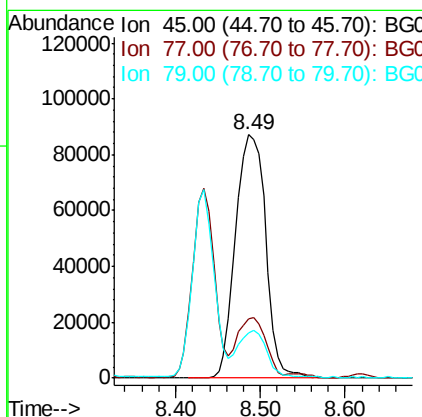
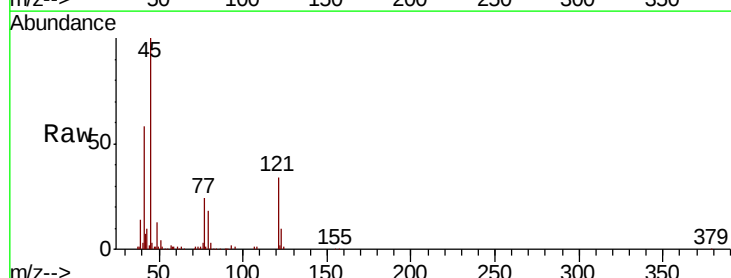
RT: 8.49 min Scan# 919

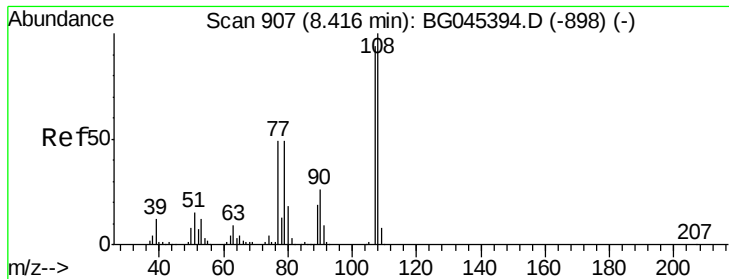
Delta R.T. -0.01 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Tgt Ion:	45	Resp:	216169
Ion Ratio	Lower	Upper	
45	100		
77	24.3	4.0	44.0
79	18.4	0.0	38.6





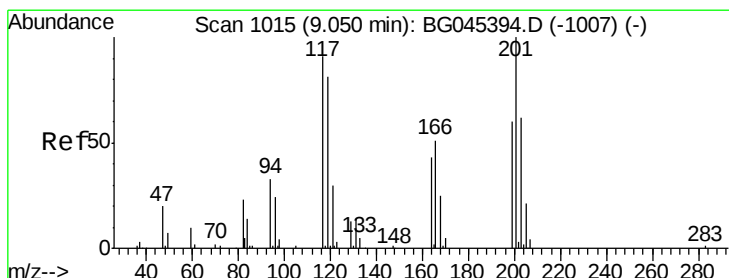
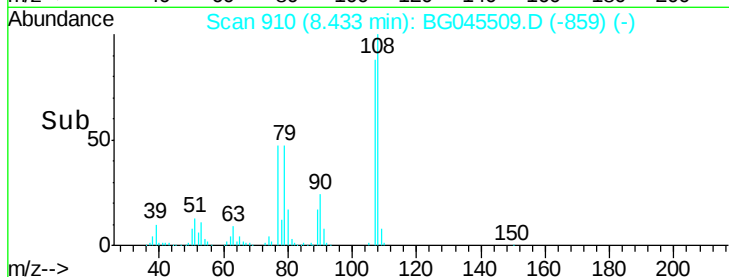
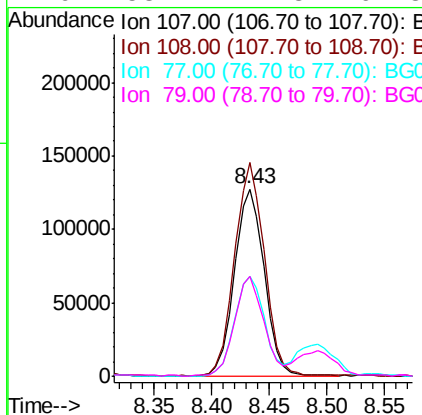
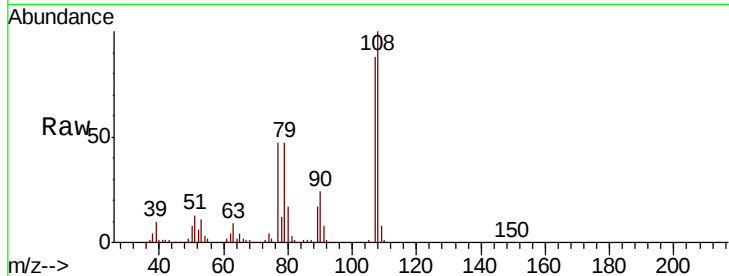
#17
2-Methylphenol
Concen: 43.158 ng
RT: 8.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	227029		
108	114.0	85.2	127.8	
77	53.2	41.6	62.4	
79	53.1	41.8	62.8	

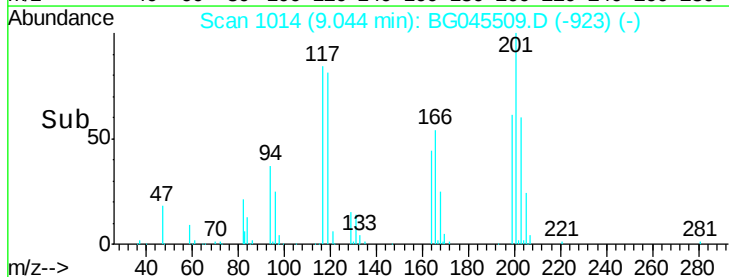
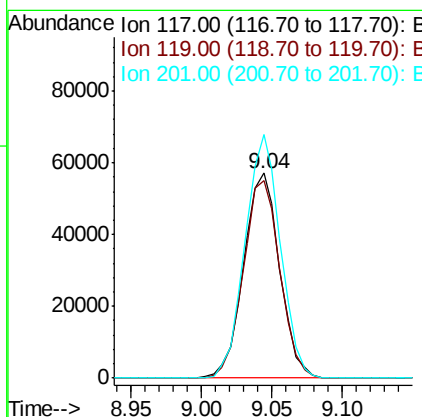
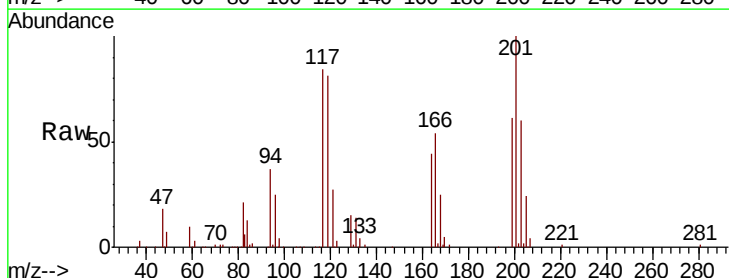
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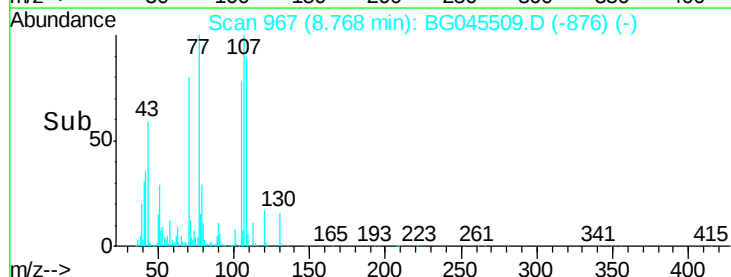
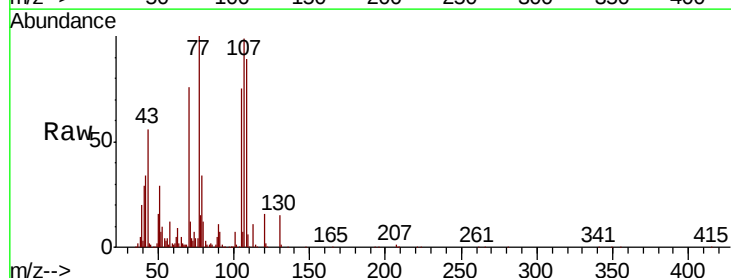
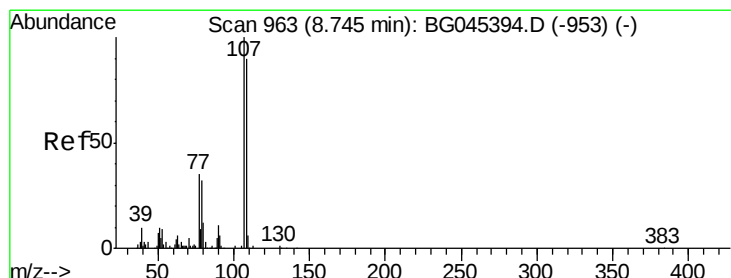
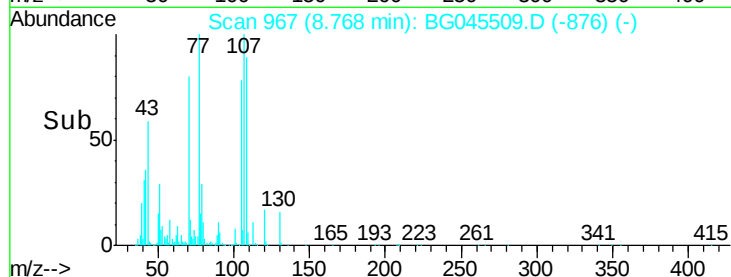
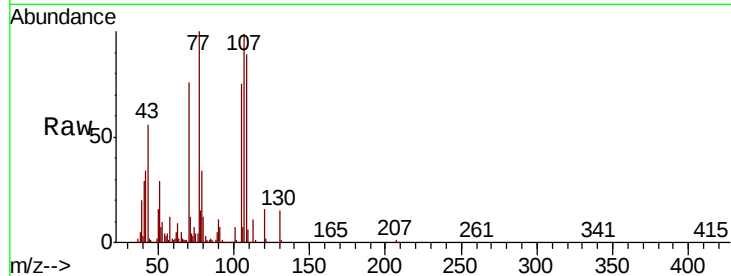
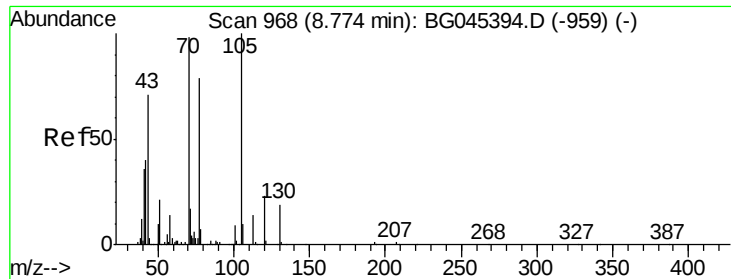
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#18
Hexachloroethane
Concen: 42.604 ng
RT: 9.04 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

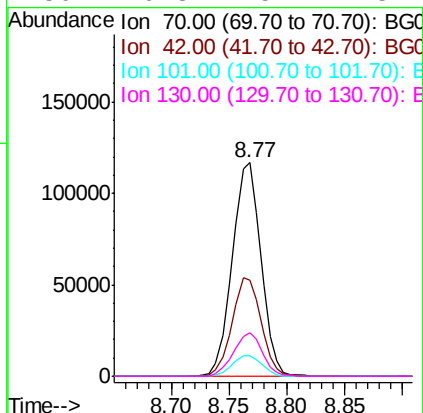
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	101670		
119	96.6	71.3	106.9	
201	118.8	87.5	131.3	





#19
n-Nitroso-di-n-propylamine
Concen: 42.625 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	44.8	33.2	49.8	
101	9.7	7.8	11.6	
130	20.3	15.4	23.2	



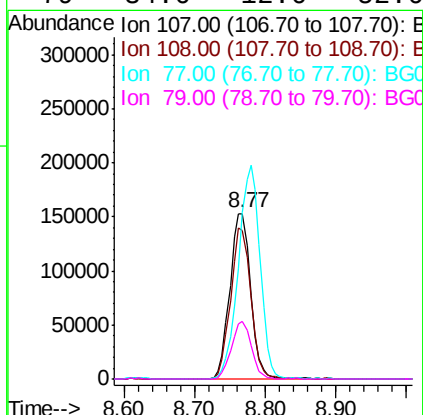
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

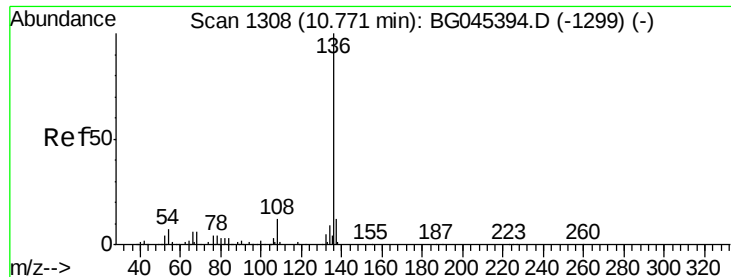
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#20
3+4-Methylphenols
Concen: 43.941 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	90.3	70.3	110.3	
77	101.0	15.4	55.4	
79	34.6	12.6	52.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

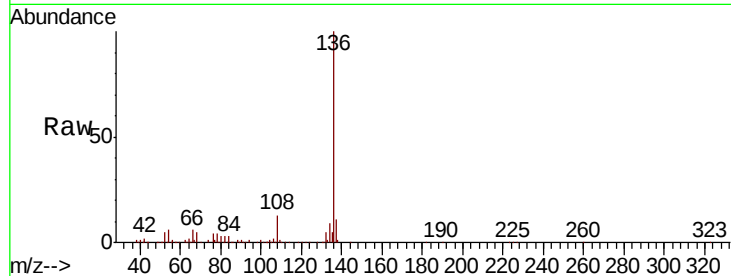
ClientSampleId :

SSTDCCC040

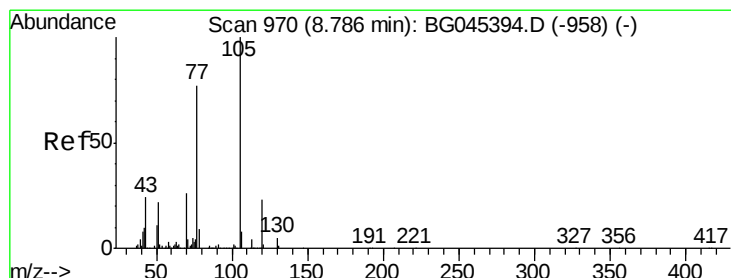
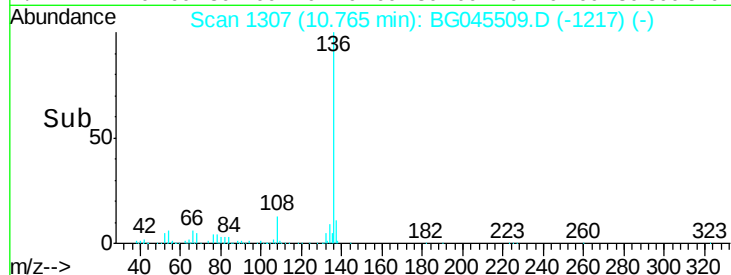
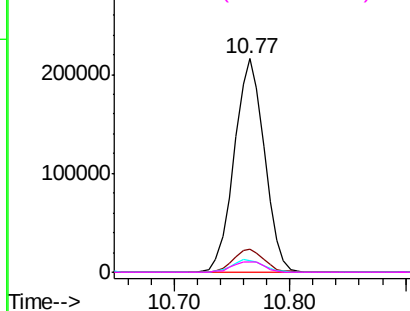
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.8		9.4	14.2	
54	5.7		5.8	8.6	
68	4.8		4.5	6.7	

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.270 ng

RT: 8.78 min Scan# 969

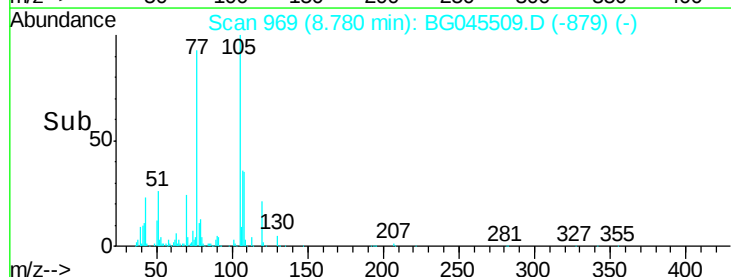
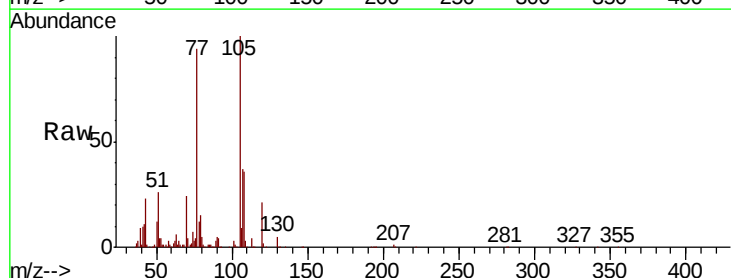
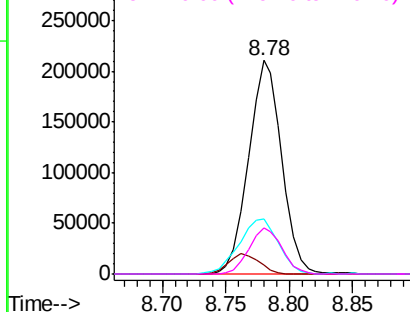
Delta R.T. -0.00 min

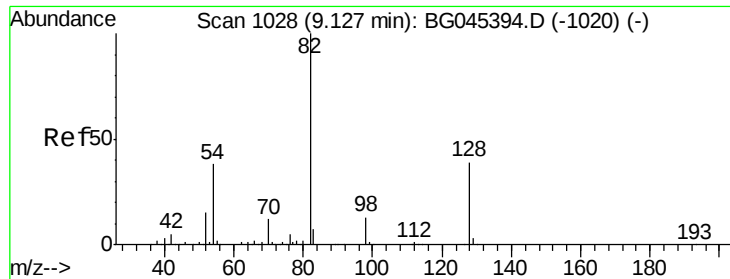
Lab File: BG045509.D

Acq: 29 May 2020 1:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	4.2		3.4	5.0	
51	26.0		18.2	27.2	
120	21.4		18.6	27.8	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





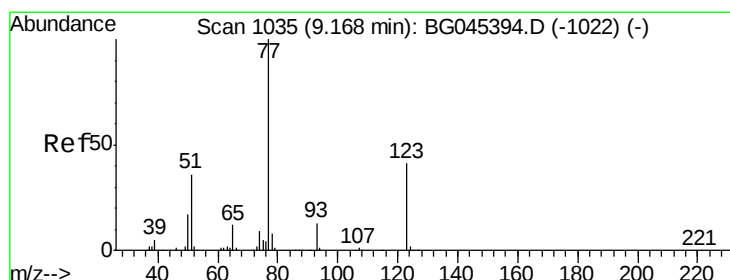
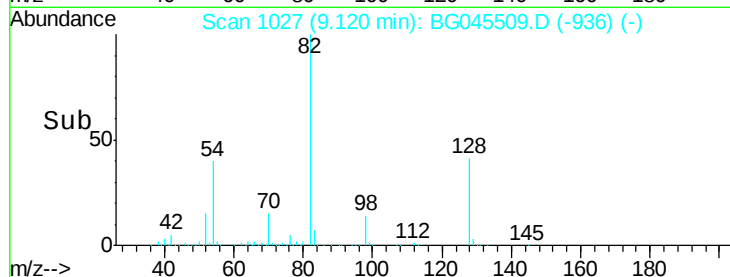
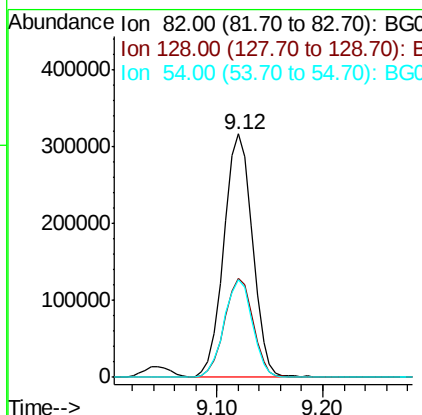
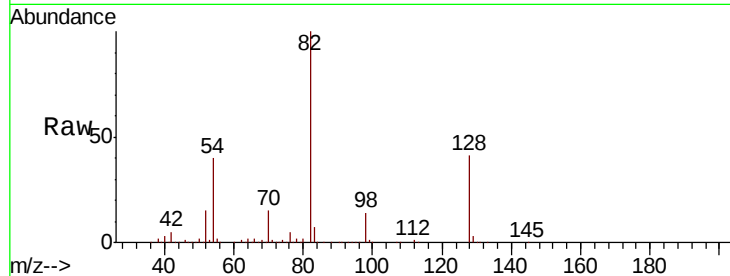
#23
 Nitrobenzene-d5
 Concen: 82.882 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	592595		
128	40.8		30.9	46.3
54	40.0		30.3	45.5

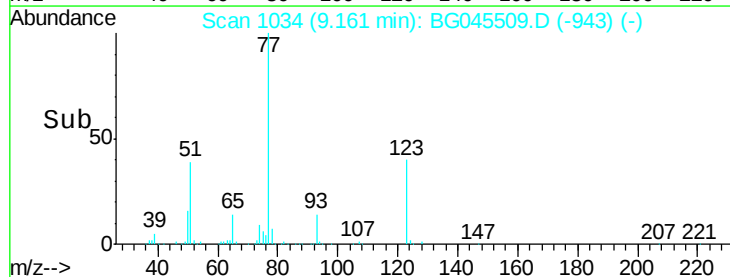
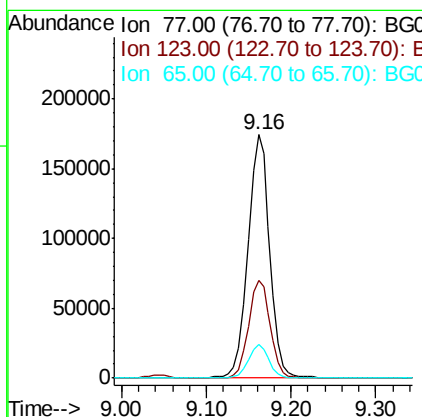
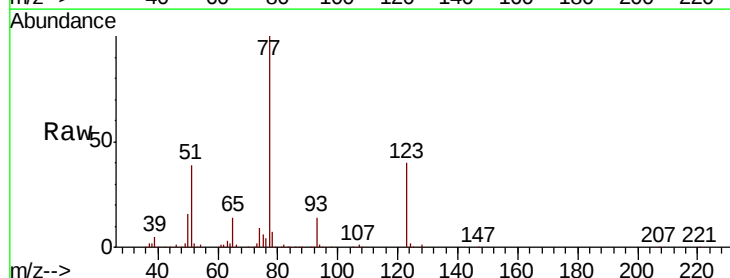
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#24
 Nitrobenzene
 Concen: 40.869 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	313072		
123	40.3		32.9	49.3
65	13.9		9.4	14.2





#25

Isophorone

Concen: 40.878 ng

RT: 9.68 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

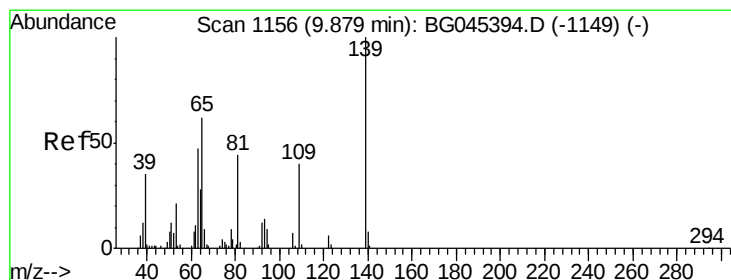
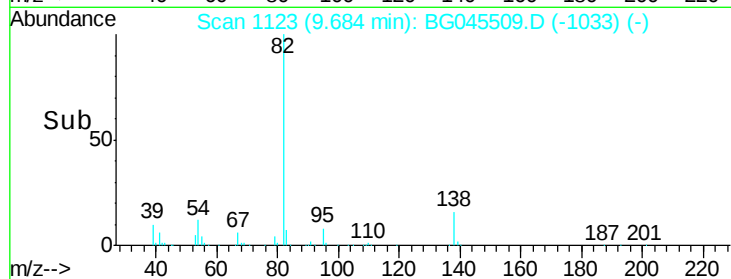
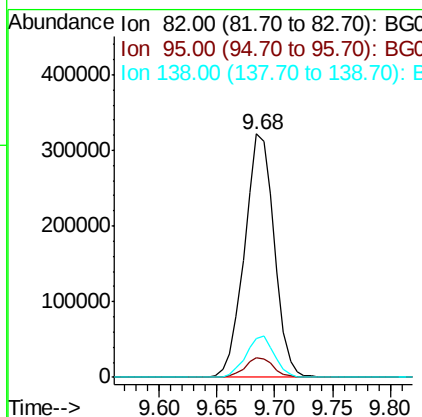
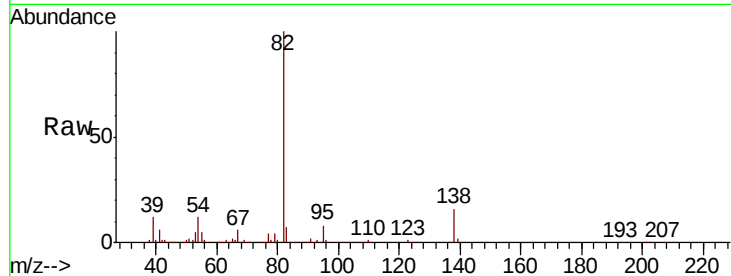
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	575595
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.7	10.1
138	16.0	12.2	18.4

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#26

2-Nitrophenol

Concen: 42.862 ng

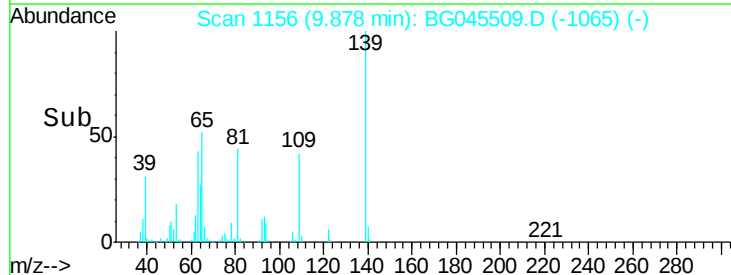
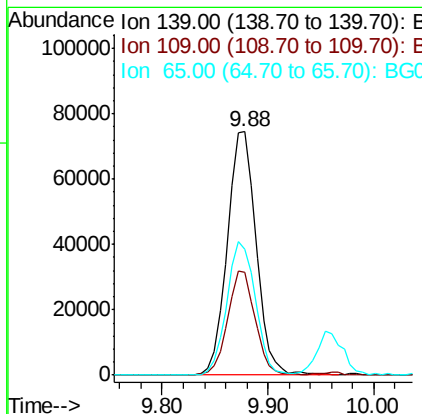
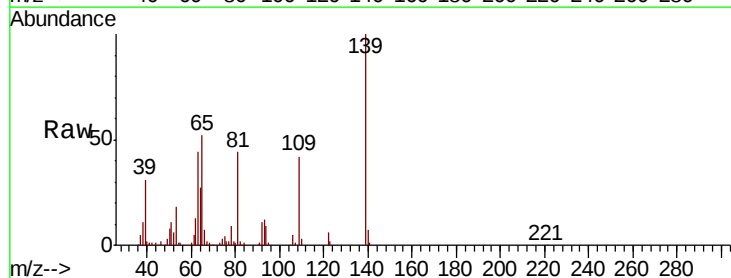
RT: 9.88 min Scan# 1156

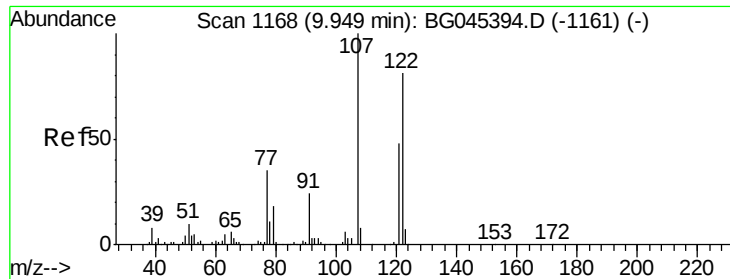
Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Tgt Ion:	139	Resp:	140455
Ion Ratio	Lower	Upper	
139	100		
109	42.2	32.2	48.4
65	51.9	49.6	74.4





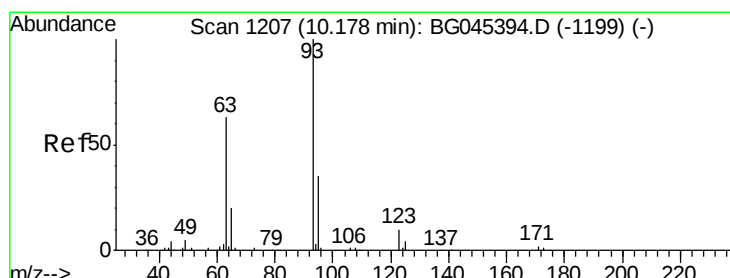
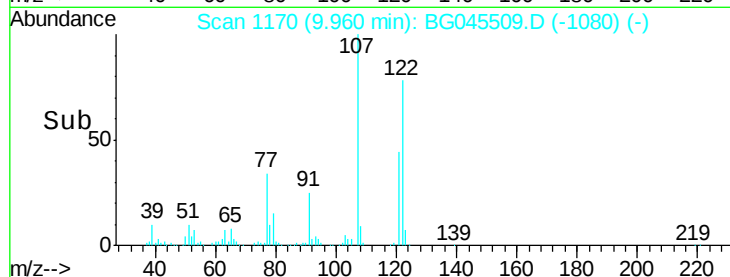
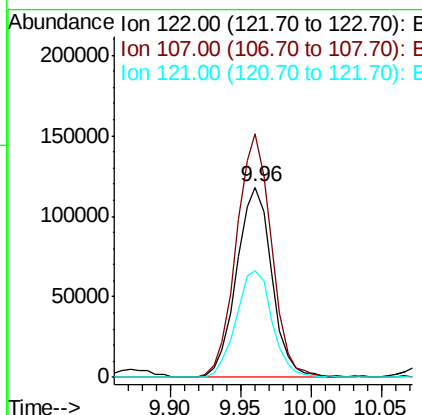
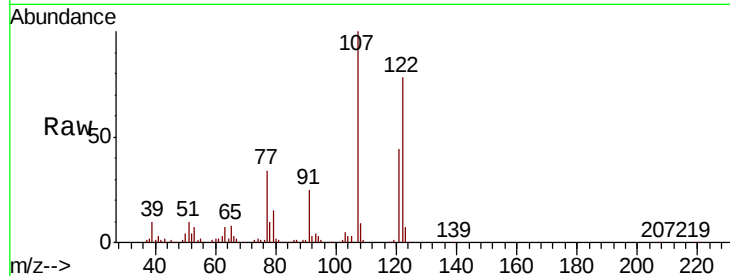
#27
2,4-Dimethylphenol
Concen: 42.466 ng
RT: 9.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.8	99.0	148.4
121	56.1	47.7	71.5

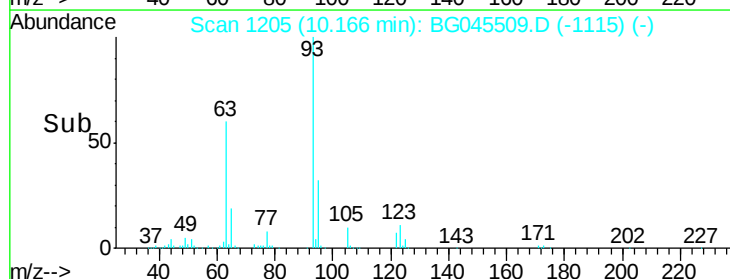
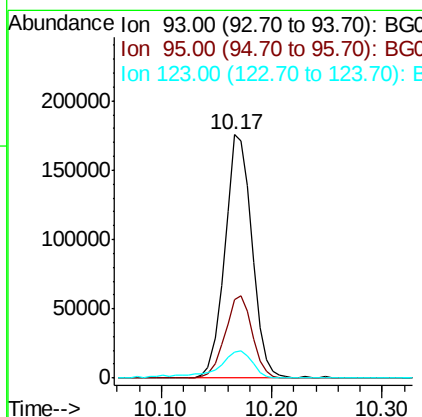
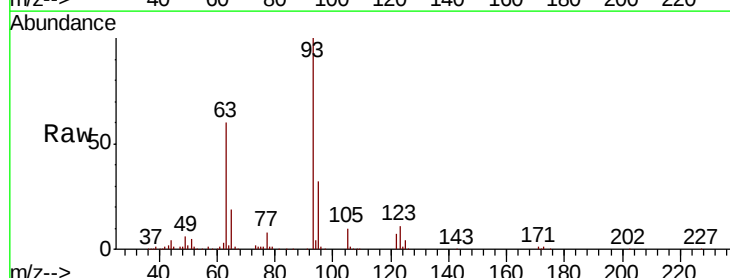
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#28
bis(2-Chloroethoxy)methane
Concen: 40.818 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	27.6	41.4
123	10.8	8.1	12.1





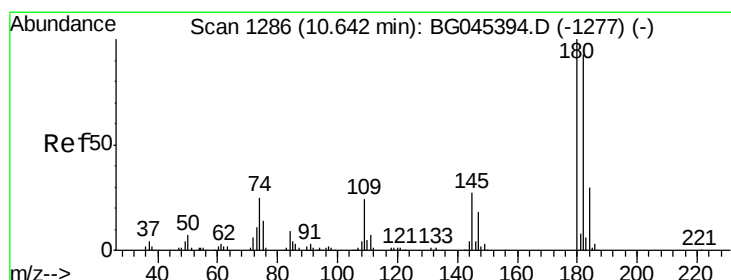
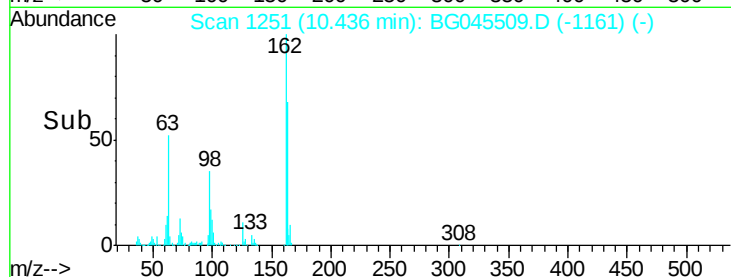
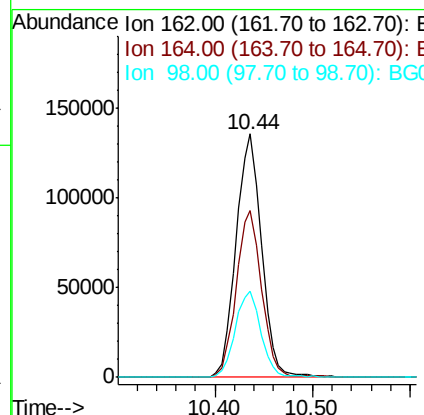
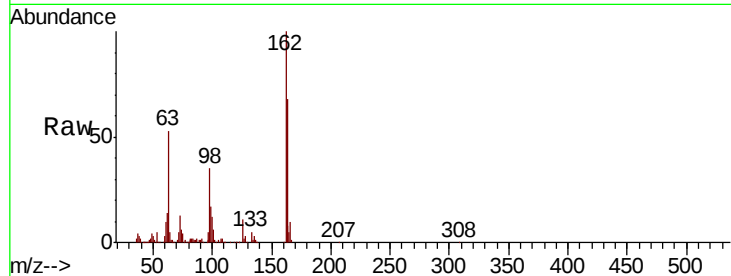
#29
 2,4-Dichlorophenol
 Concen: 43.090 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	247306		
164	68.4	46.8	86.8	
98	35.4	15.2	55.2	

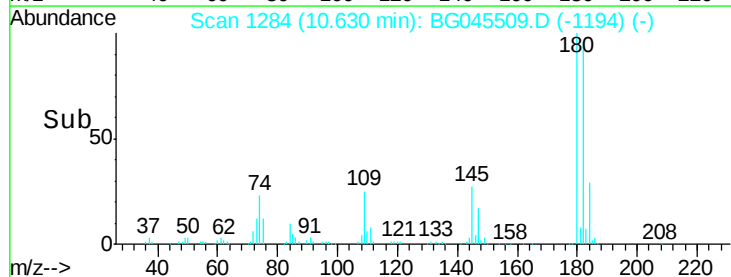
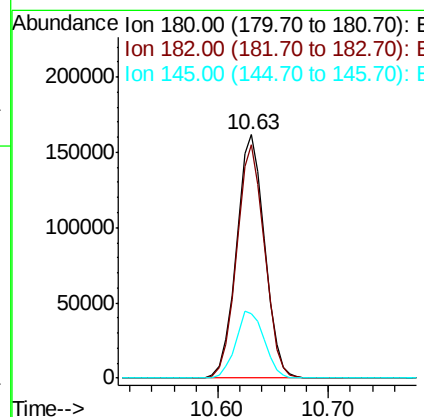
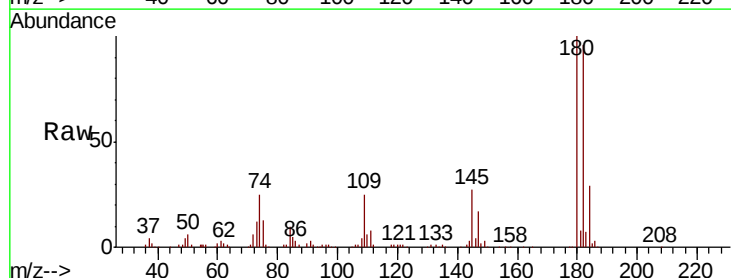
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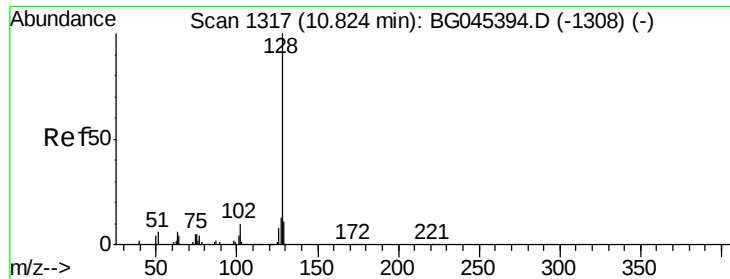
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.580 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	288769		
182	95.7	74.8	112.2	
145	26.6	21.9	32.9	





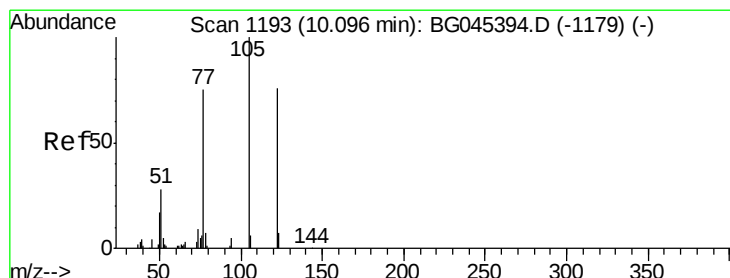
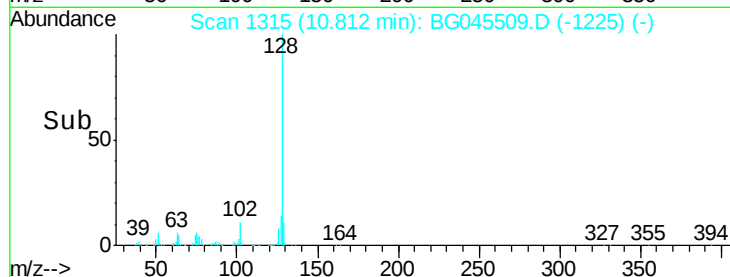
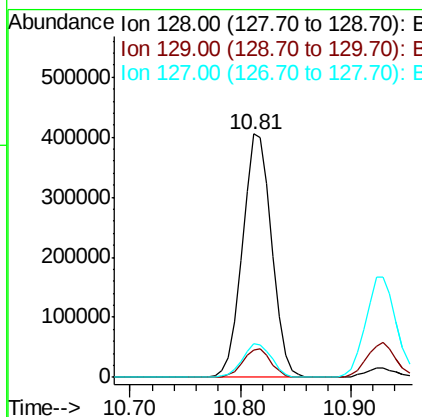
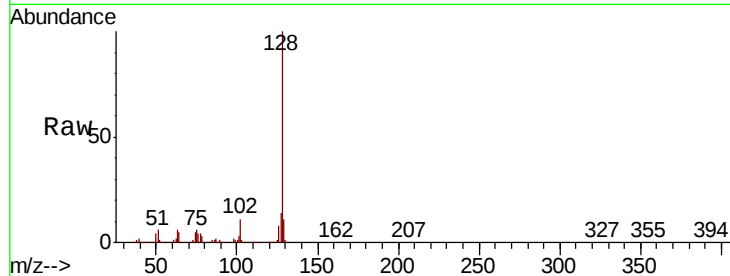
#31
Naphthalene
Concen: 41.358 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.7	10.7	16.1

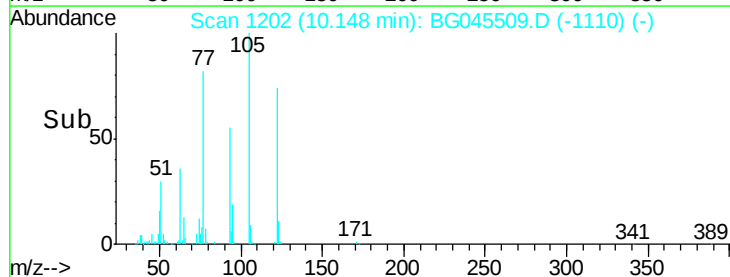
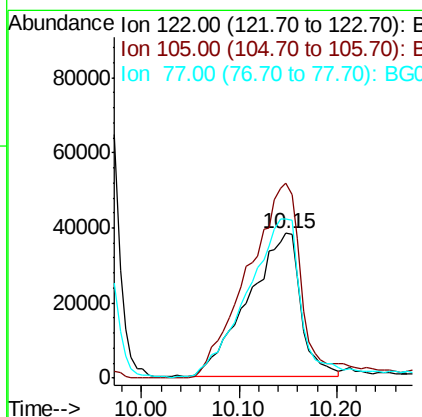
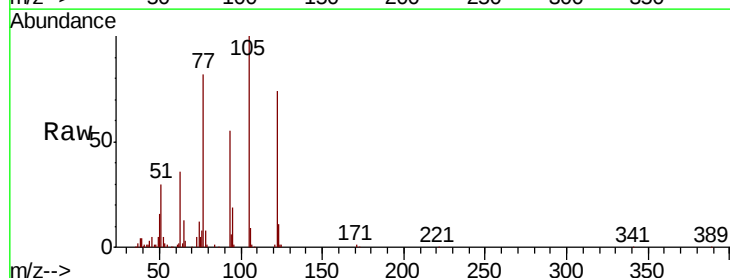
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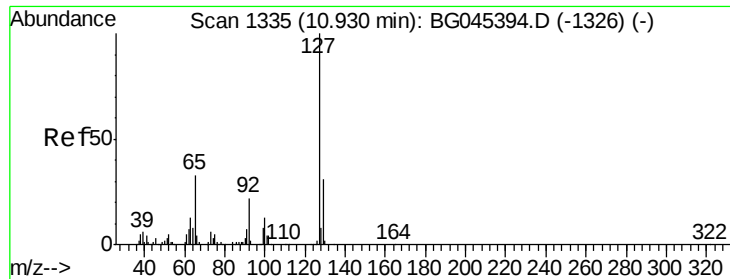
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#32
Benzoic acid
Concen: 44.009 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.3	107.9	147.9
77	110.4	78.9	118.9





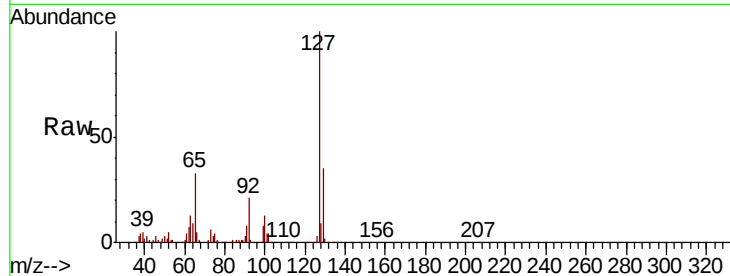
#33
4-Chloroaniline
Concen: 43.330 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.2	24.7	37.1		
65	33.1	26.2	39.2		
92	21.1	17.9	26.9		

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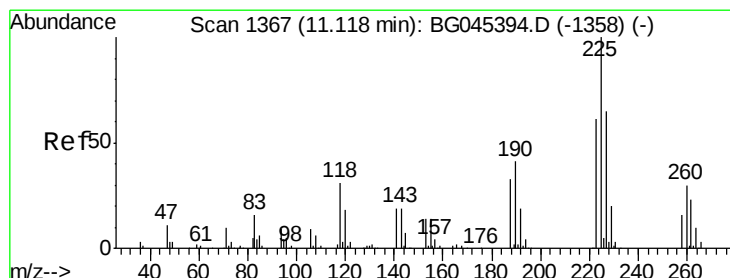
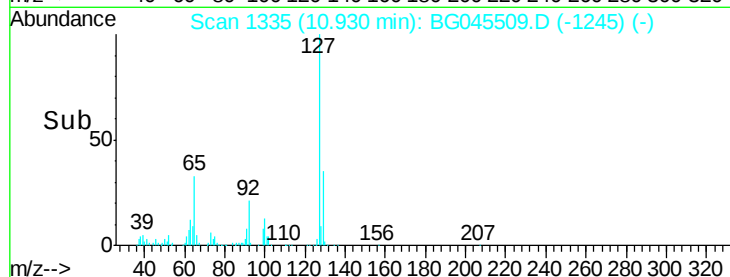
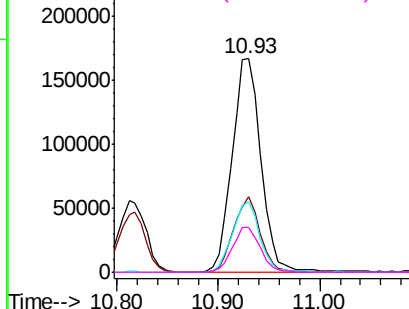
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

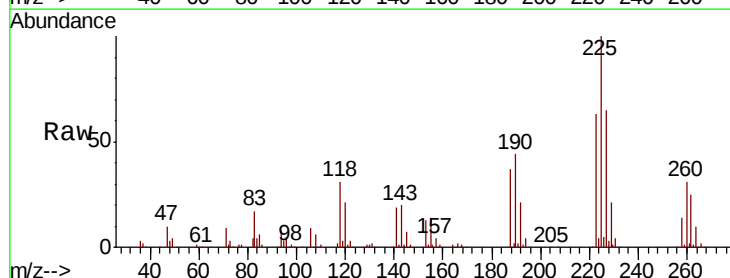
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 42.205 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	49.1	73.7		
227	64.5	52.0	78.0		

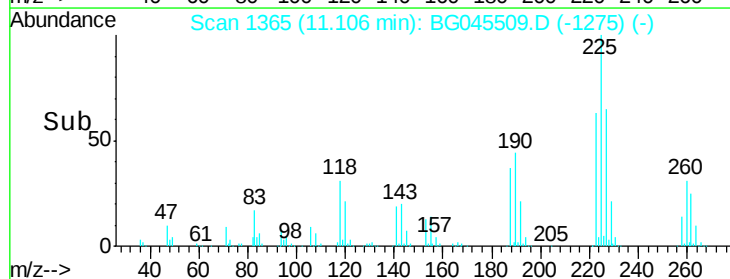
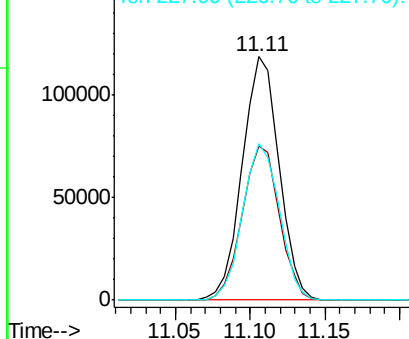


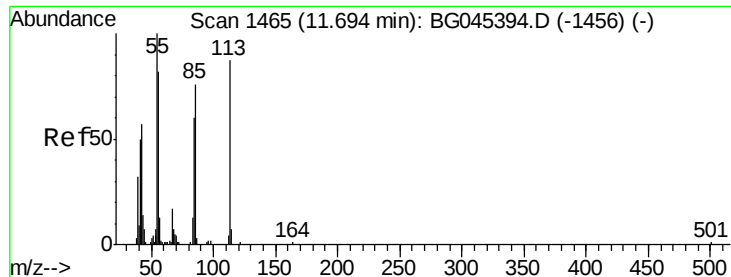
Abundance

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: 40.742 ng/mL

RT: 11.71 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 85829

Ion Ratio Lower Upper

113 100

55 140.5 96.0 136.0#

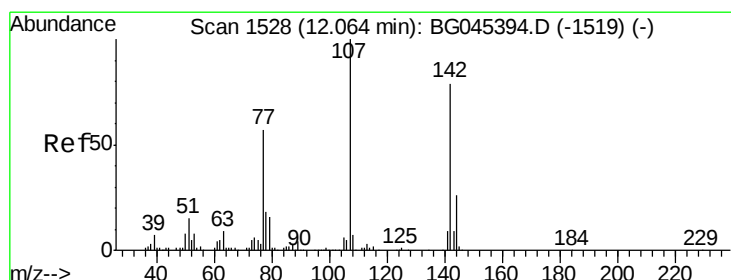
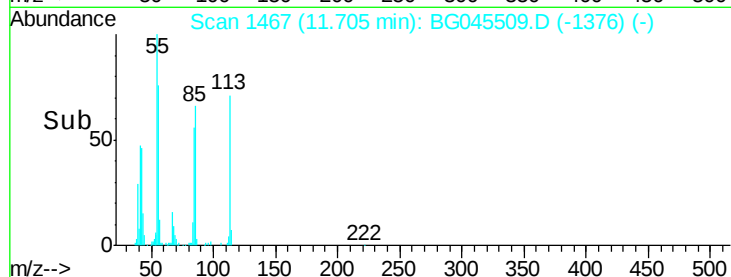
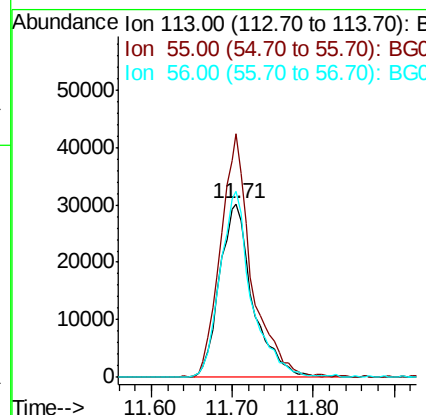
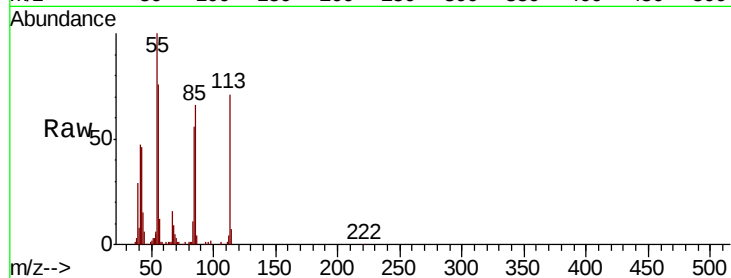
56 107.3 75.1 115.1

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#36

4-Chloro-3-methylphenol

Concen: 42.342 ng/mL

RT: 12.09 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

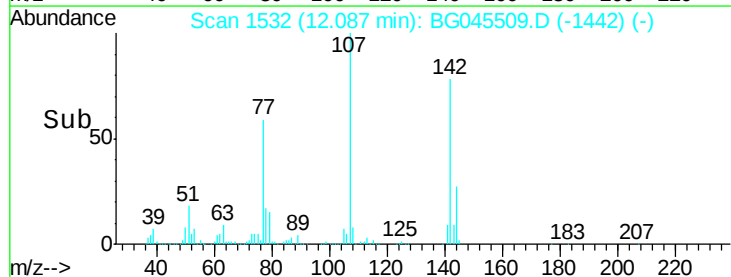
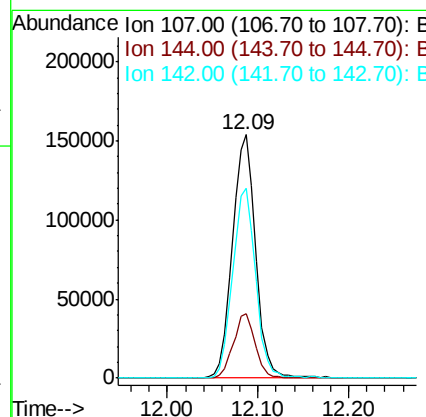
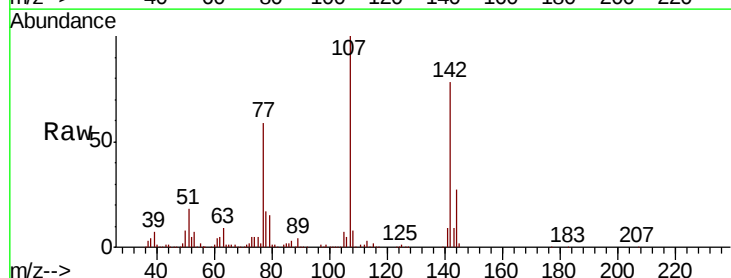
Tgt Ion:107 Resp: 273836

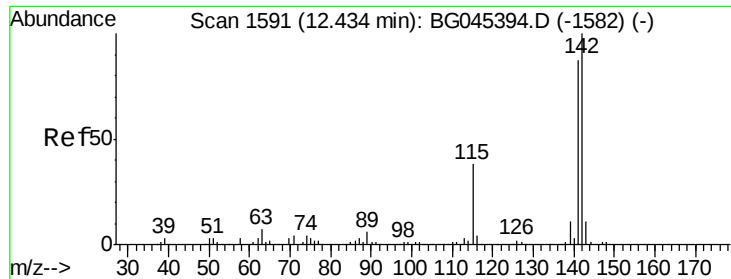
Ion Ratio Lower Upper

107 100

144 26.6 20.8 31.2

142 78.2 62.8 94.2





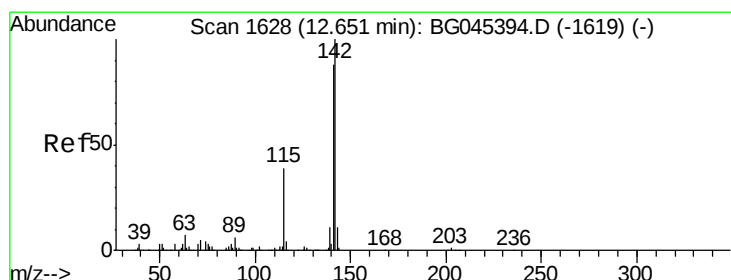
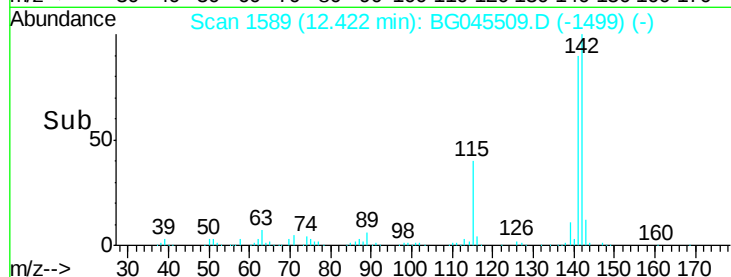
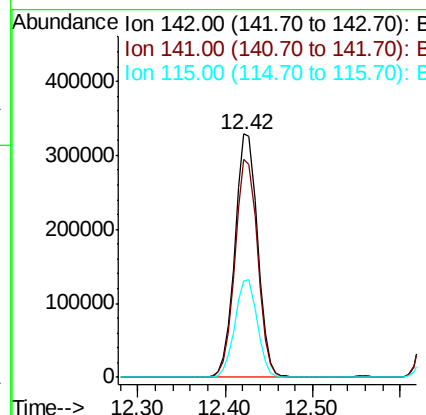
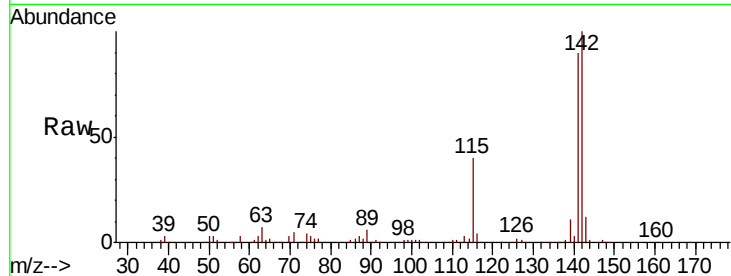
#37
2-Methylnaphthalene
Concen: 42.407 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.0	105.0
115	39.7	30.8	46.2

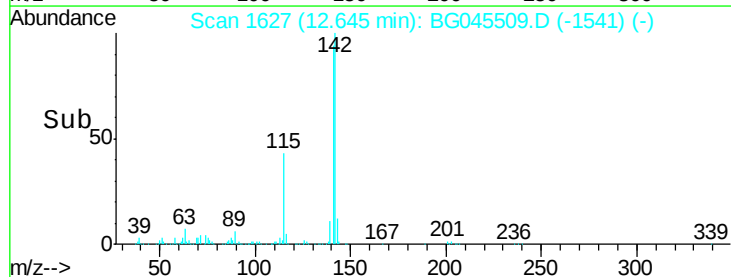
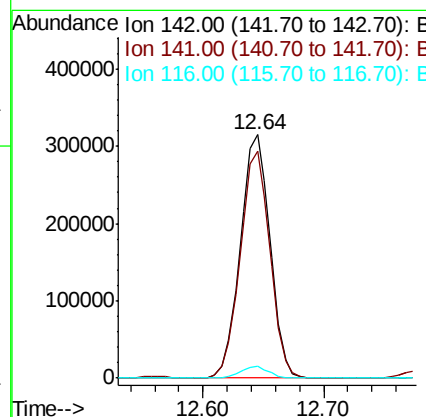
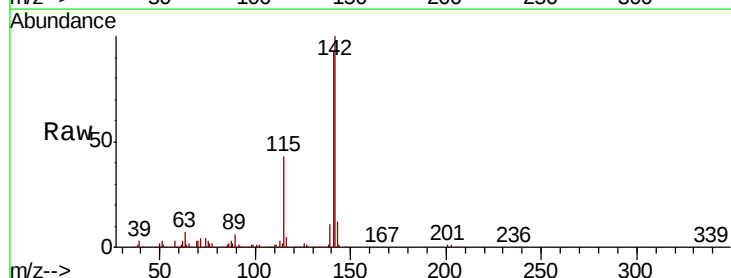
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#38
1-Methylnaphthalene
Concen: 42.098 ng m
RT: 12.64 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	70.8	106.2
116	4.9	3.0	4.6#





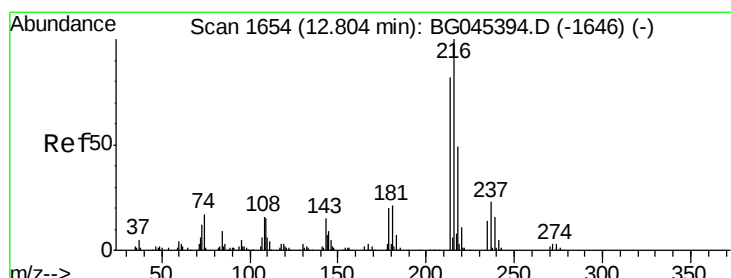
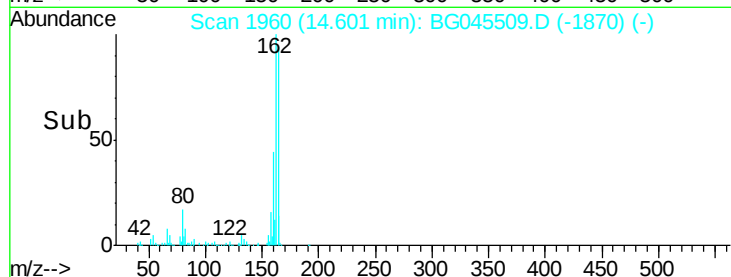
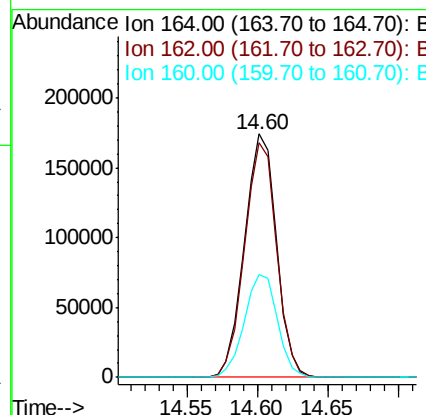
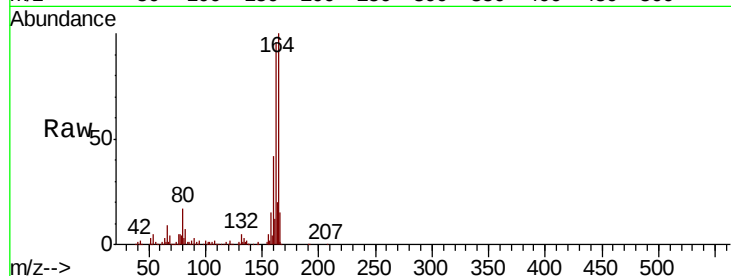
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.2	76.9	115.3
160	42.5	33.8	50.8

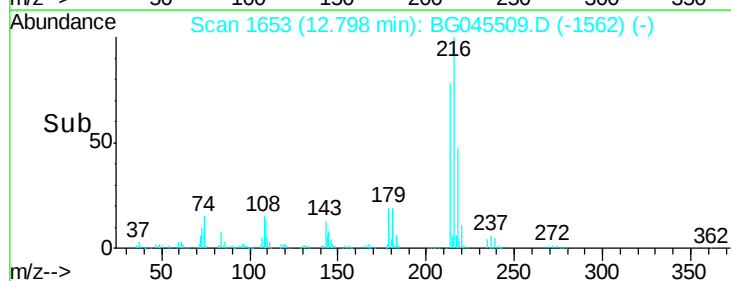
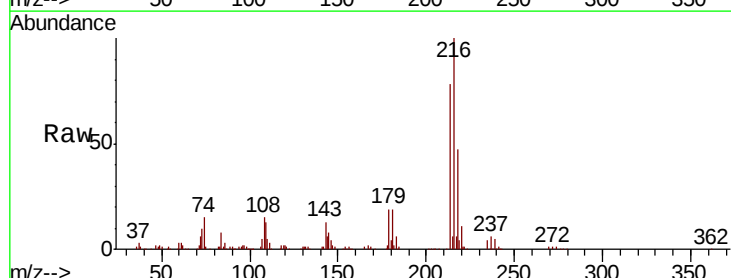
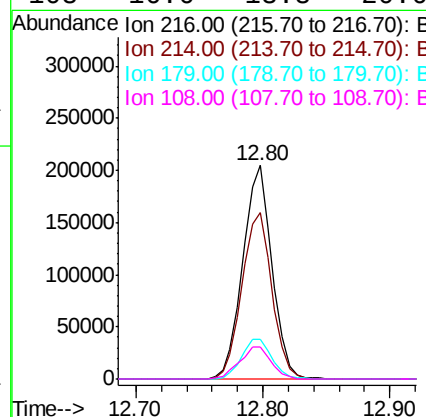
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.919 ng
RT: 12.80 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.7	95.5
179	19.5	16.1	24.1
108	16.6	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 28.263 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

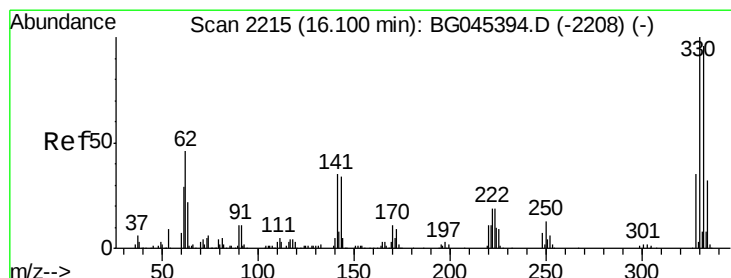
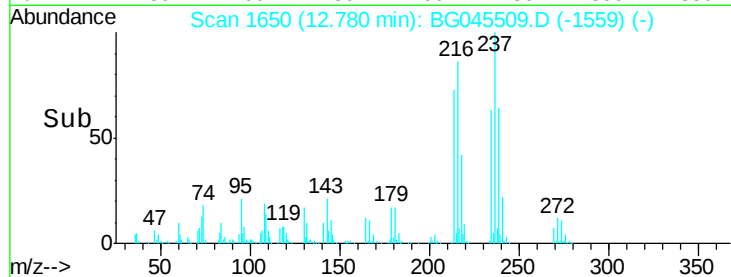
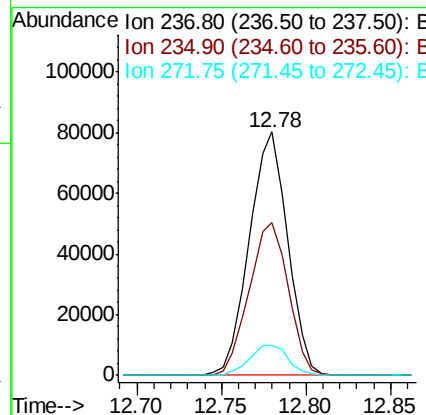
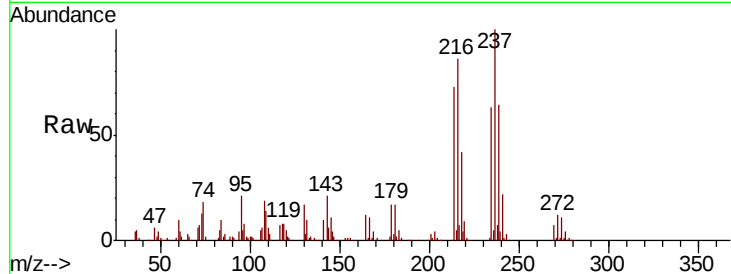
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	126280
Ion Ratio	Lower	Upper	
237	100		
235	62.7	44.4	84.4
272	12.3	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 80.589 ng

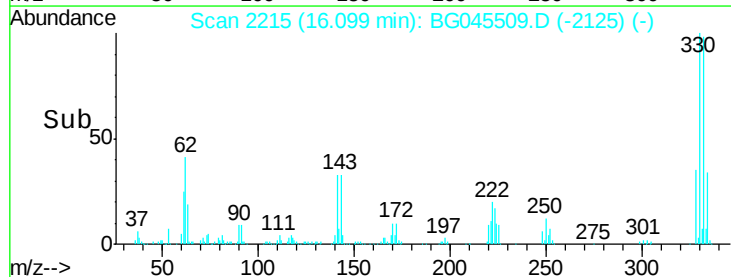
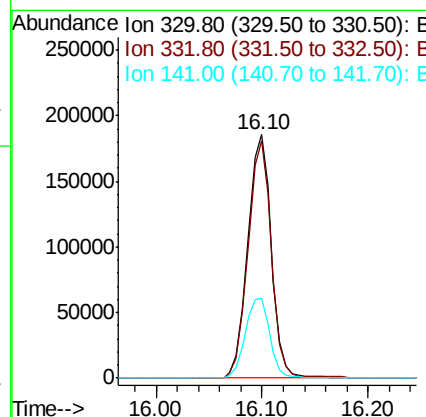
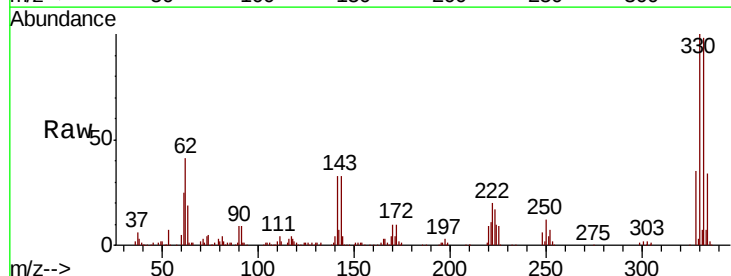
RT: 16.10 min Scan# 2215

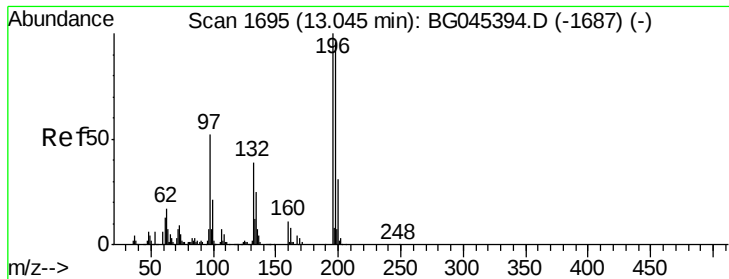
Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Tgt Ion:	330	Resp:	285641
Ion Ratio	Lower	Upper	
330	100		
332	96.0	78.2	117.4
141	33.8	28.2	42.4





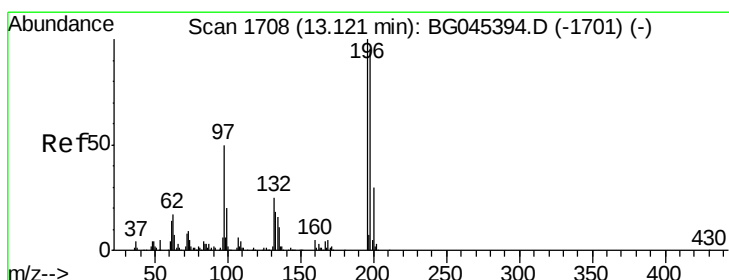
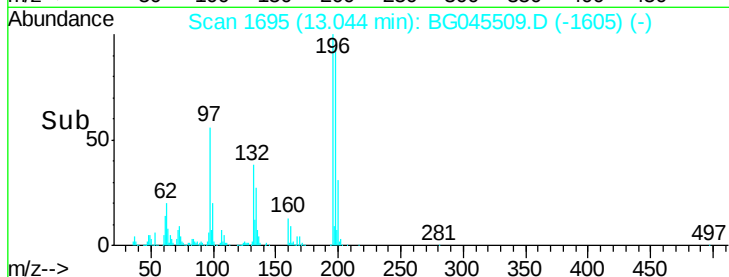
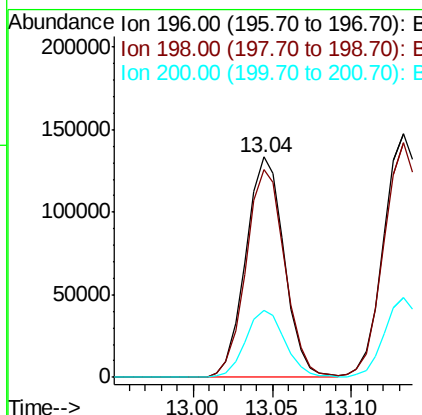
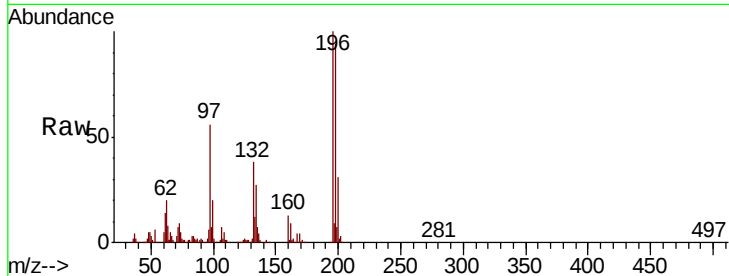
#43
 2,4,6-Trichlorophenol
 Concen: 41.742 ng
 RT: 13.04 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	224471		
198	94.4	76.7	115.1	
200	30.7	24.9	37.3	

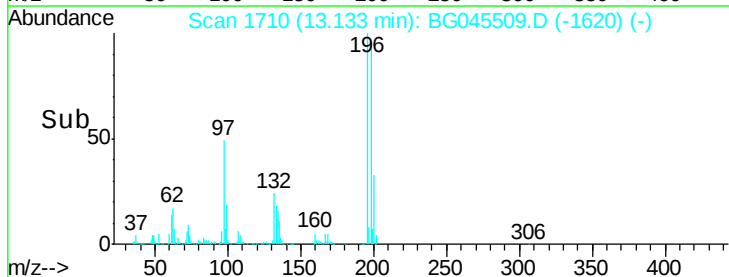
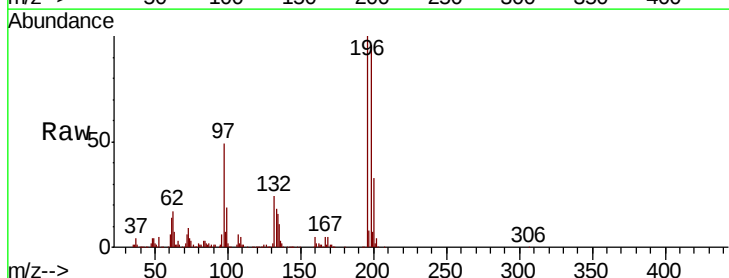
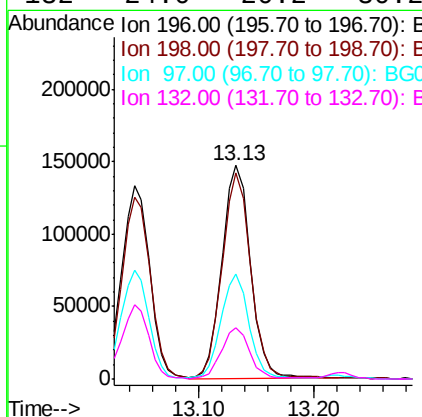
Manual Integrations
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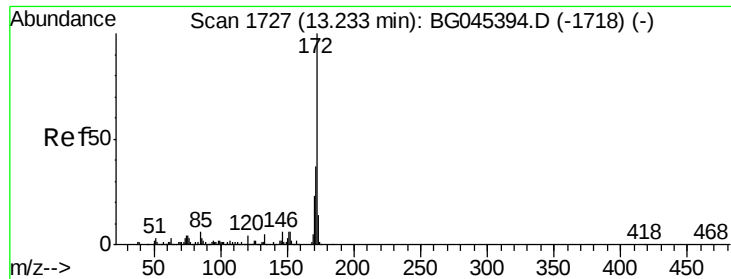
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.180 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	253058		
198	96.5	76.1	114.1	
97	49.3	40.0	60.0	
132	24.0	20.2	30.2	





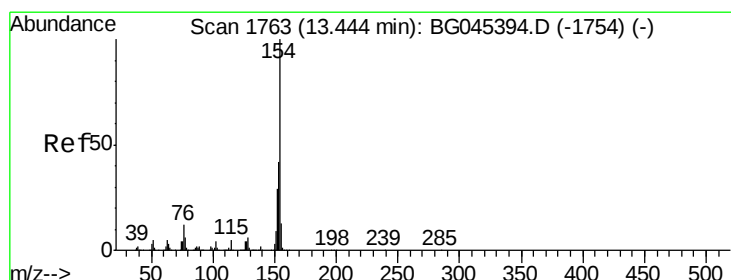
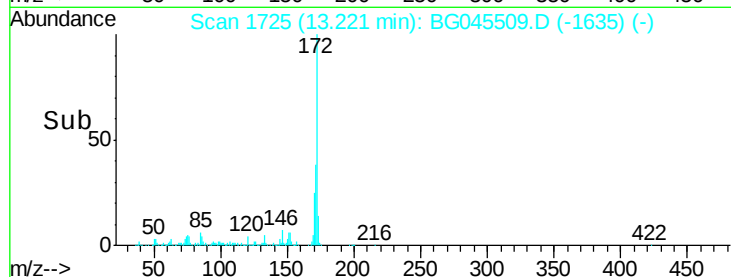
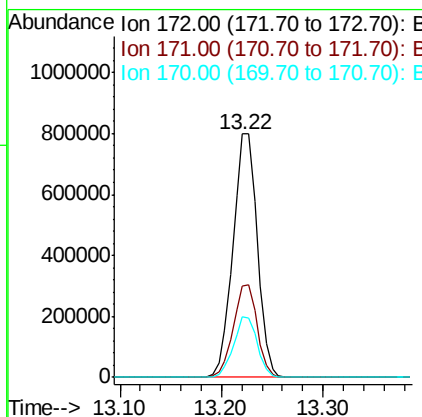
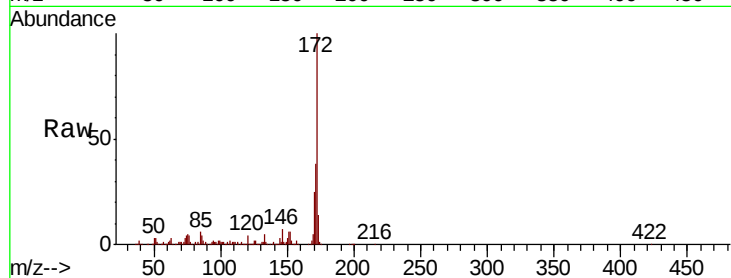
#45
2-Fluorobiphenyl
Concen: 81.422 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.5	44.3
170	24.8	18.5	27.7

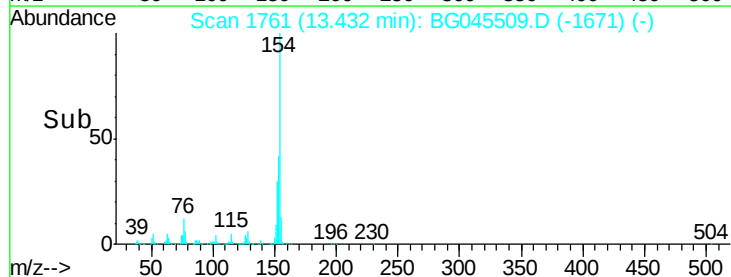
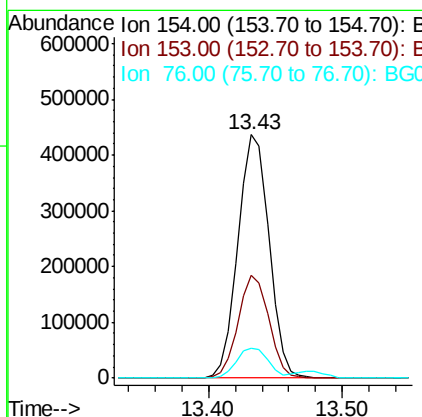
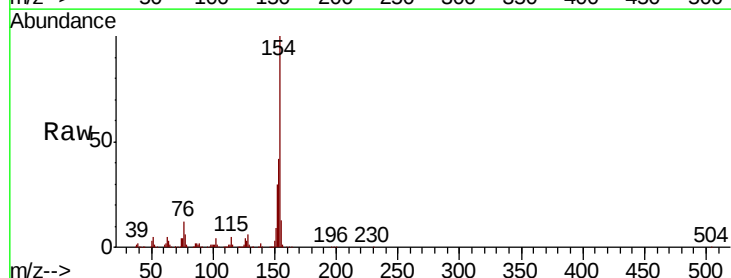
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#46
1,1'-Biphenyl
Concen: 41.319 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.2	62.2
76	12.1	0.0	32.4





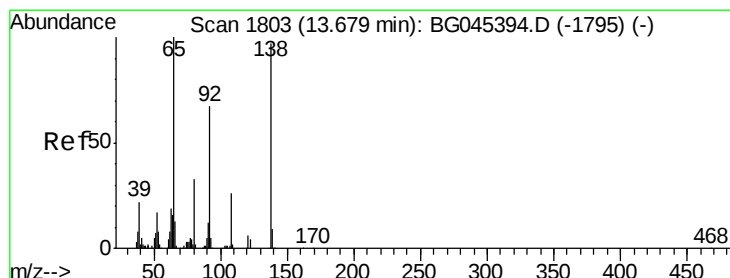
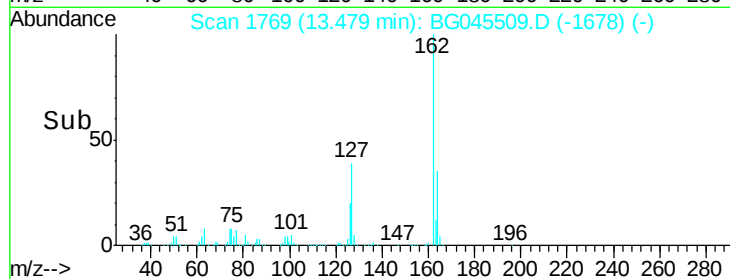
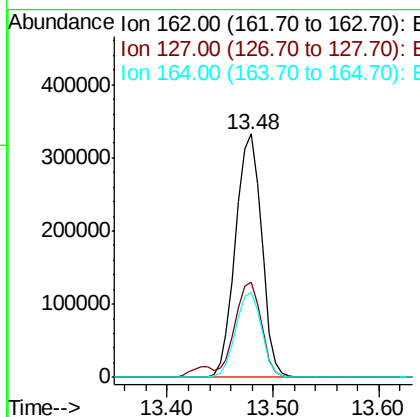
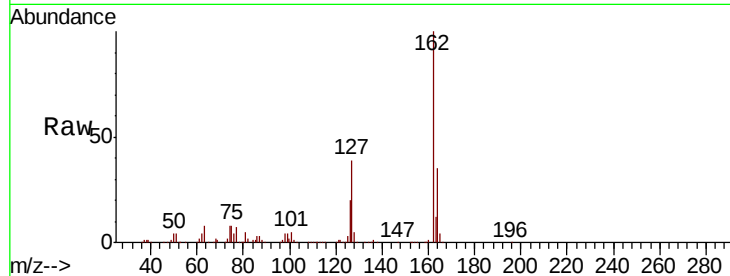
#47
2-Chloronaphthalene
Concen: 41.047 ng
RT: 13.48 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.6	47.4
164	35.0	28.1	42.1

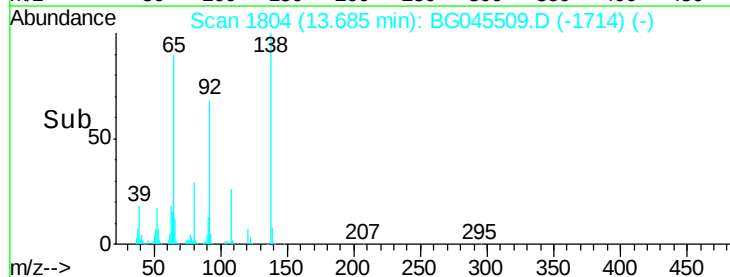
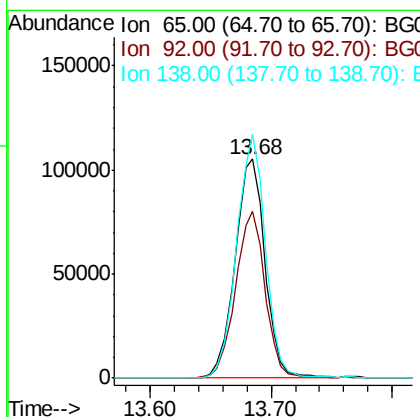
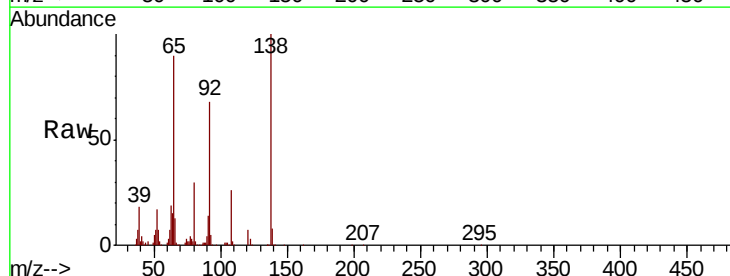
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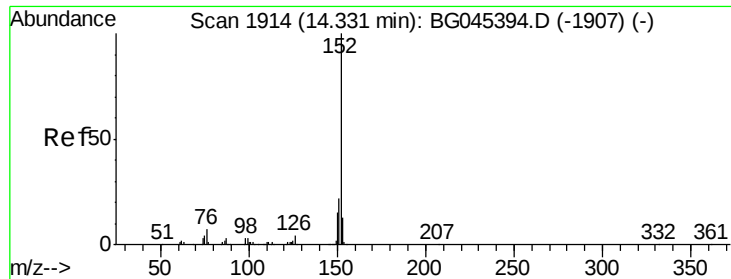
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#48
2-Nitroaniline
Concen: 40.115 ng
RT: 13.68 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.0	53.8	80.8
138	111.3	77.9	116.9





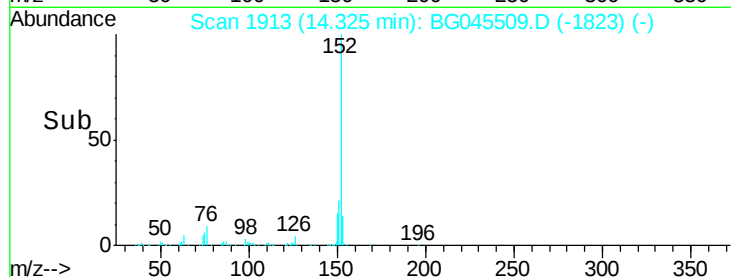
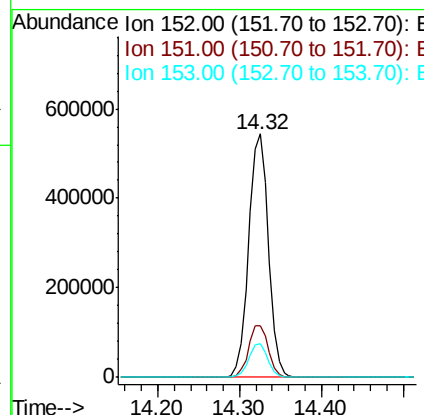
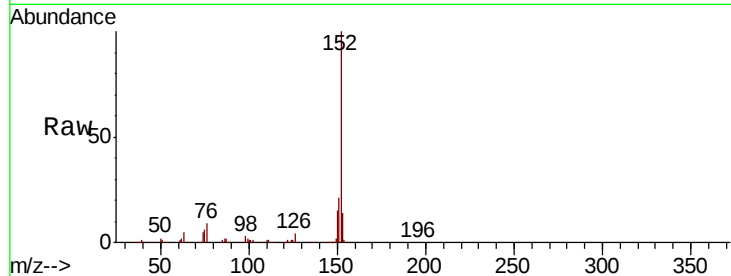
#49
Acenaphthylene
Concen: 40.815 ng
RT: 14.32 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	152	Resp:	906603
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.4	26.2
153	13.9	10.7	16.1

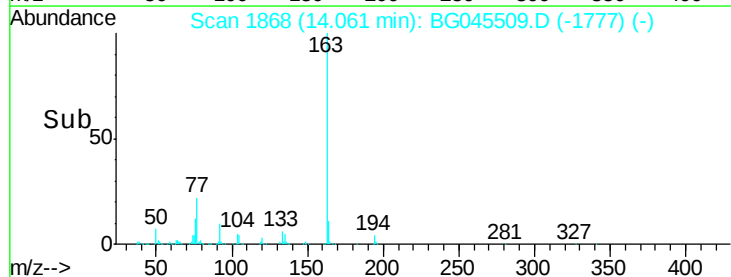
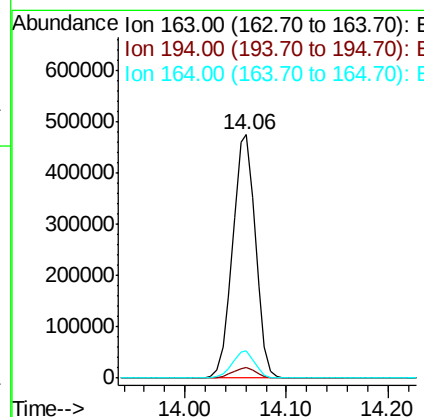
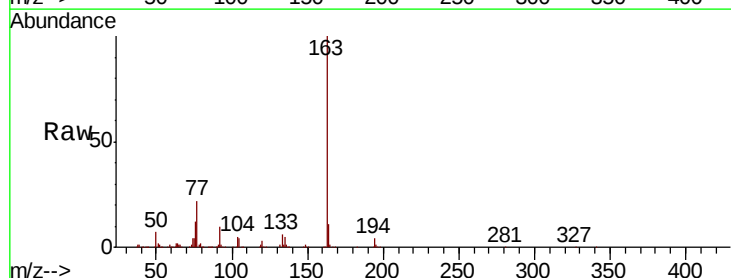
Manual Integrations
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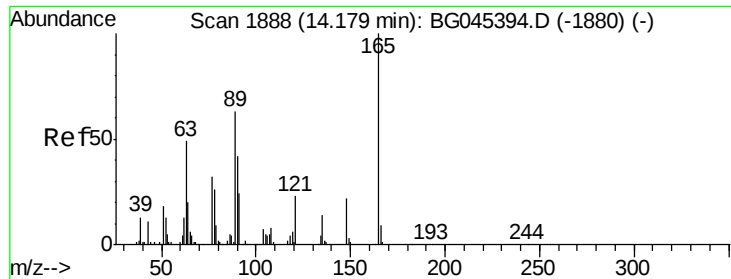
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#50
Dimethylphthalate
Concen: 38.934 ng
RT: 14.06 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion:	163	Resp:	740225
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.2	4.8
164	11.1	8.3	12.5





#51

2,6-Dinitrotoluene

Concen: 39.485 ng

RT: 14.17 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

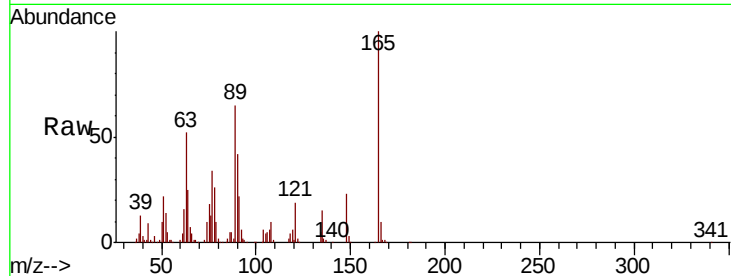
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	169396		
63	52.2	45.0	67.4	
89	64.7	50.2	75.4	

Manual Integrations
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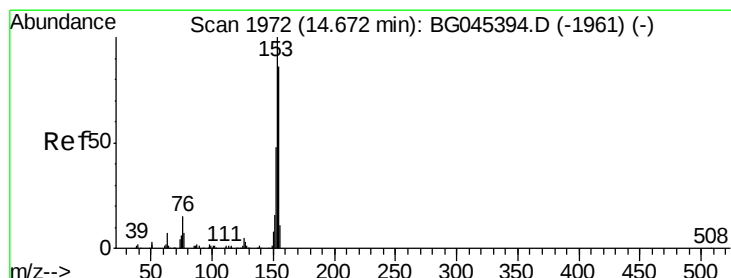
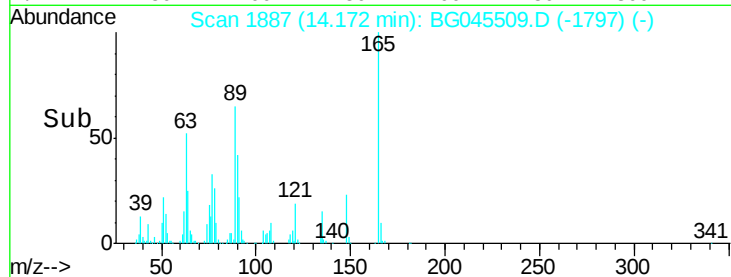
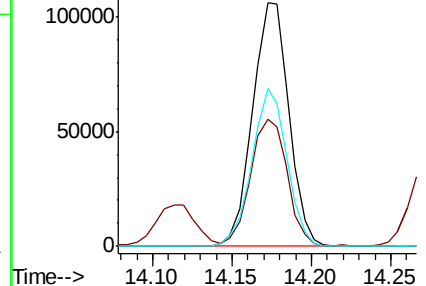
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 40.774 ng m

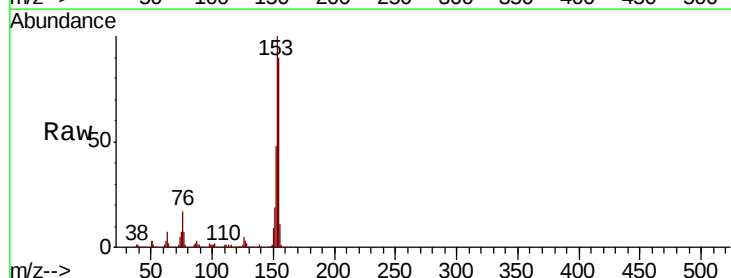
RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

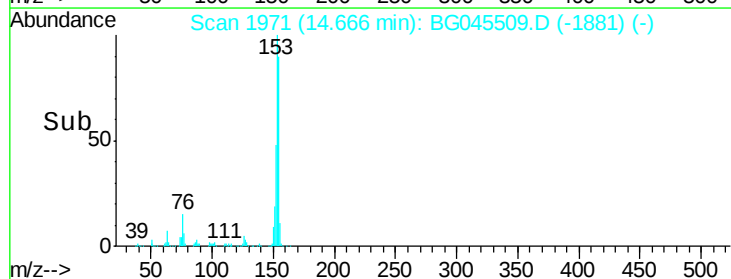
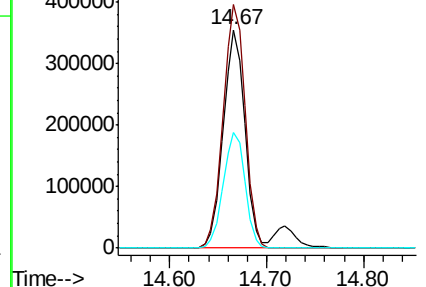
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	606249		
153	111.6	92.8	139.2	
152	53.3	44.6	66.8	

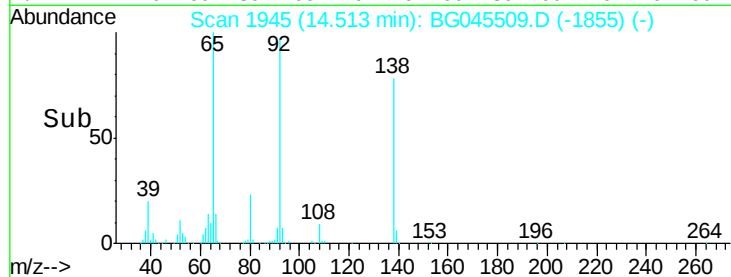
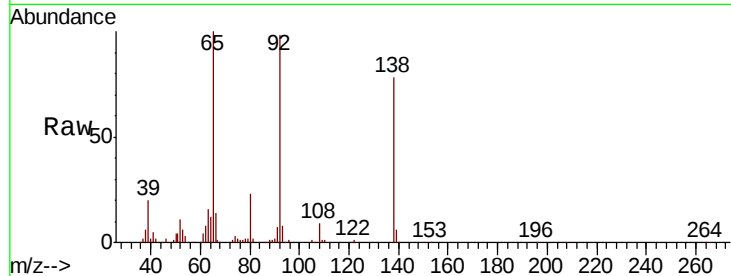
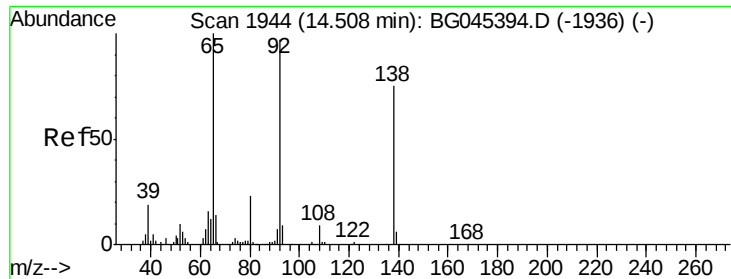


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





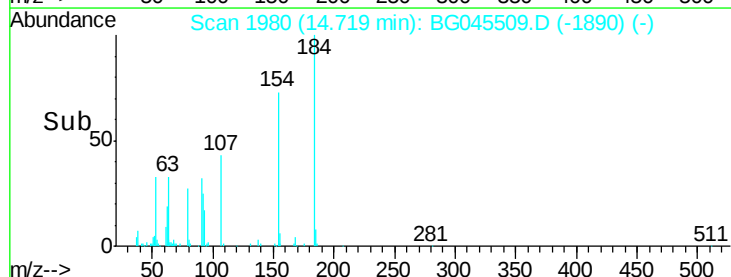
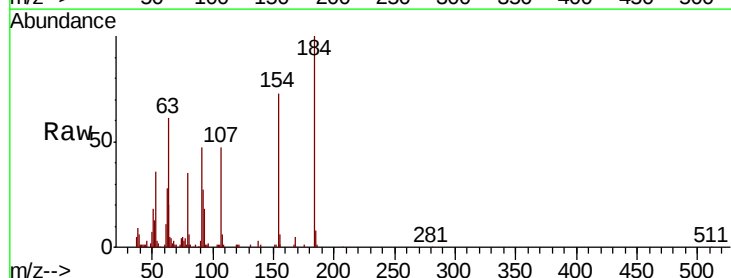
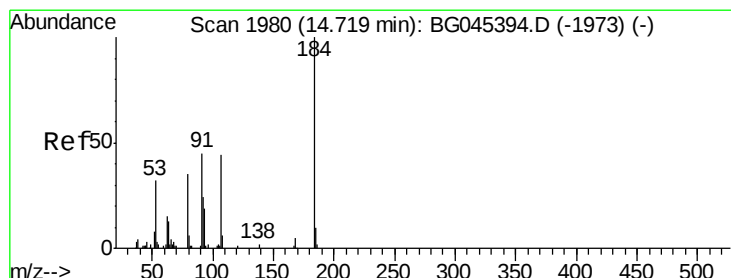
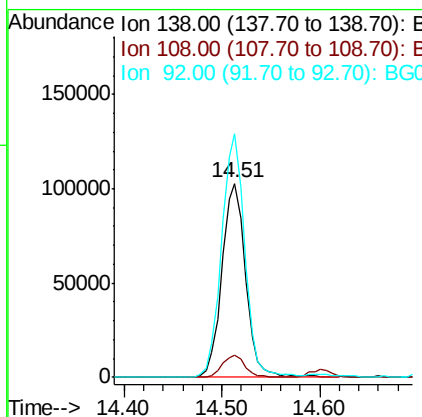
#53
3-Nitroaniline
Concen: 40.029 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.8	14.6
92	125.6	103.0	154.4

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

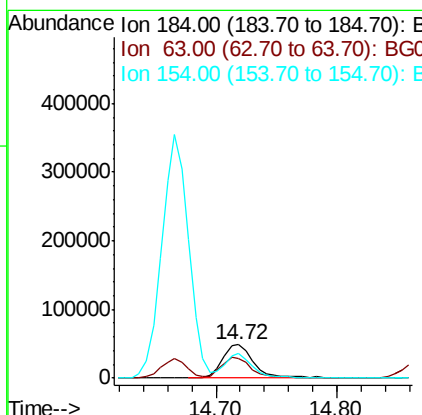
Manual Integrations
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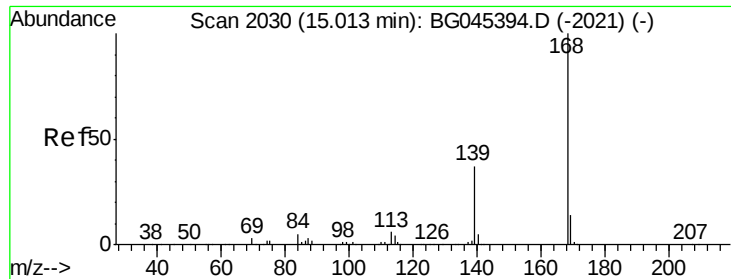
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#54
2,4-Dinitrophenol
Concen: 34.202 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.0	47.8	71.6
154	73.2	58.3	87.5





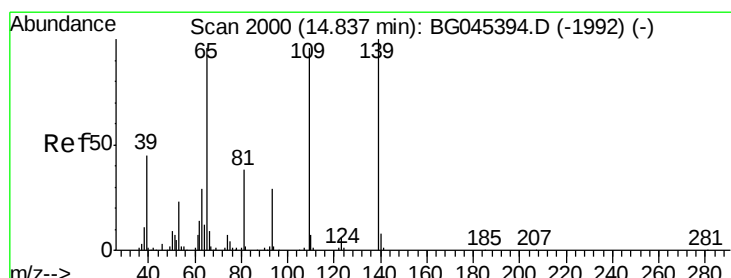
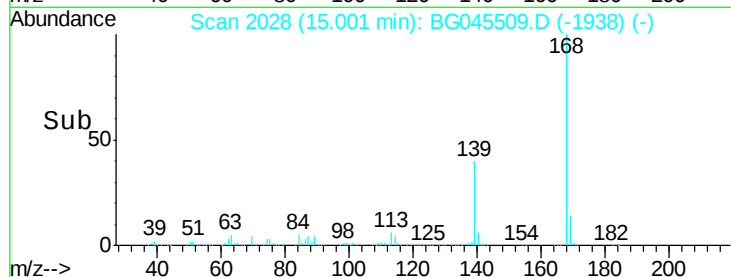
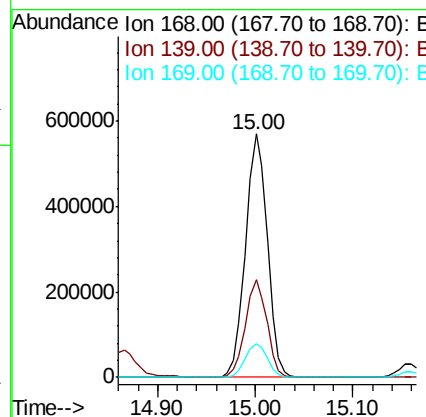
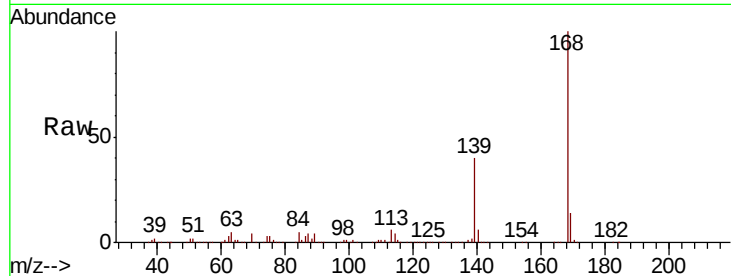
#55
Dibenzofuran
Concen: 40.212 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	29.9	44.9
169	14.1	10.9	16.3

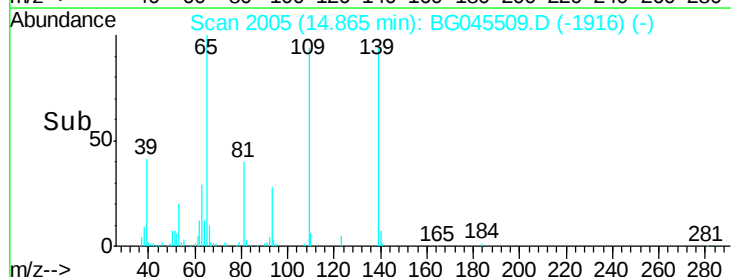
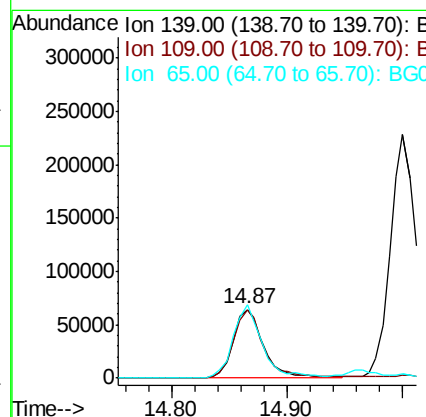
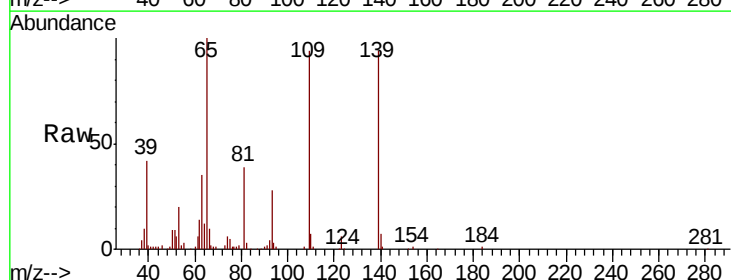
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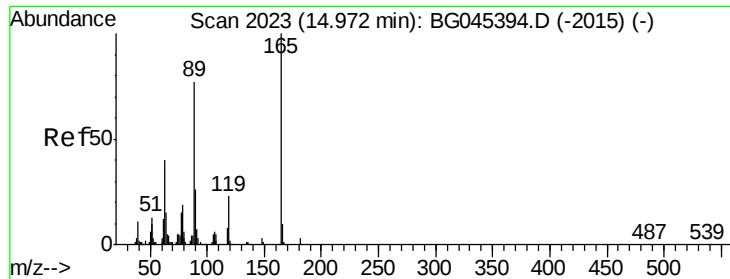
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#56
4-Nitrophenol
Concen: 35.738 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.8	75.6	115.6
65	106.7	76.8	116.8





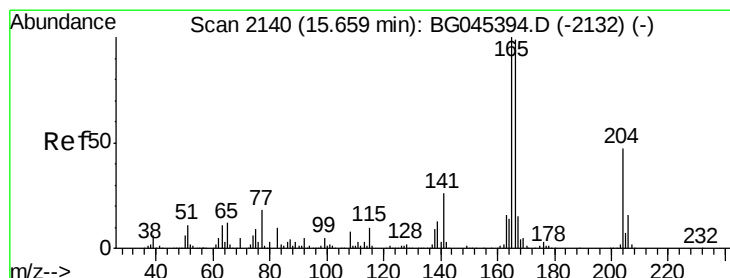
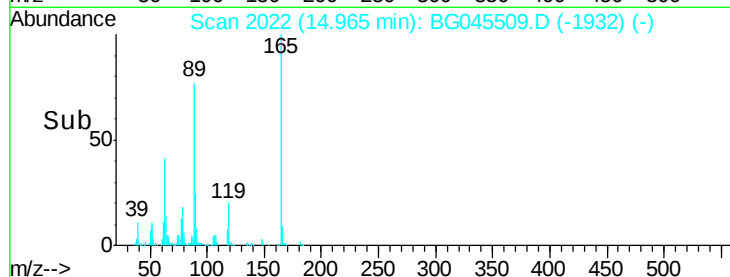
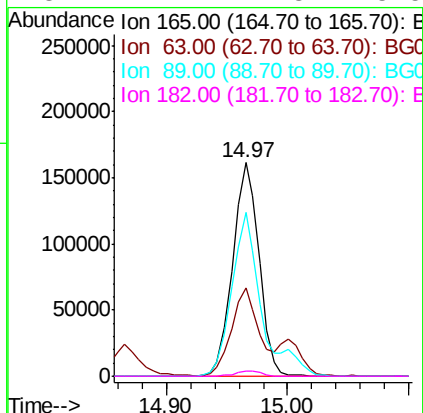
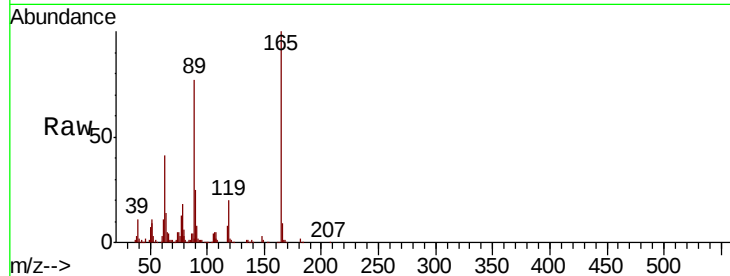
#57
2,4-Dinitrotoluene
Concen: 39.503 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	165	Resp:	245439
Ion Ratio	Lower	Upper	
165	100		
63	41.4	32.5	48.7
89	76.9	61.8	92.6
182	2.4	2.3	3.5

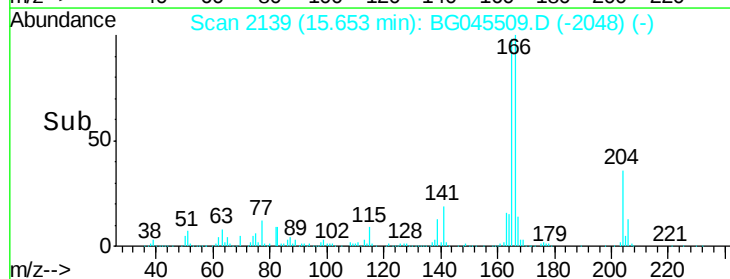
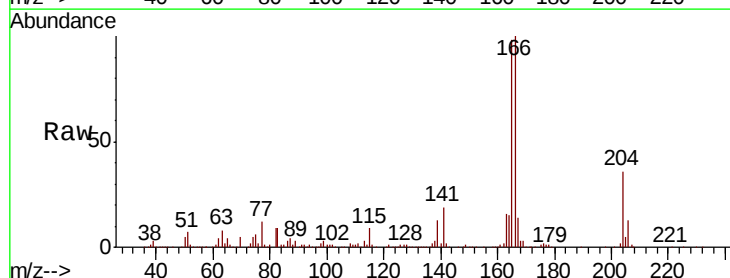
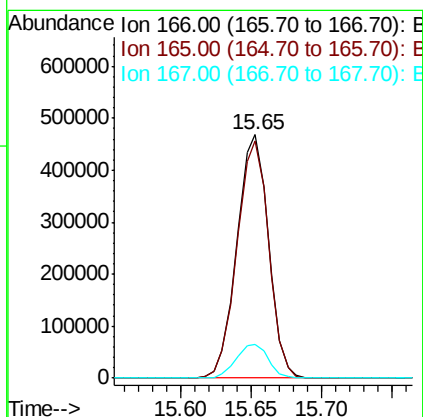
Manual Integrations
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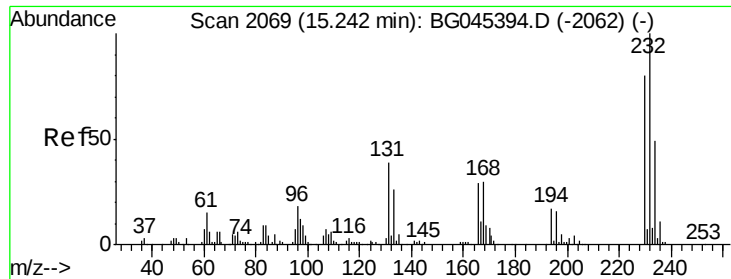
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#58
Fluorene
Concen: 40.310 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion:	166	Resp:	731221
Ion Ratio	Lower	Upper	
166	100		
165	97.7	80.8	121.2
167	13.7	12.0	18.0





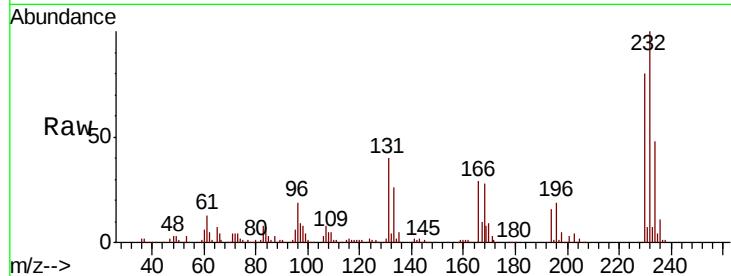
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.568 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

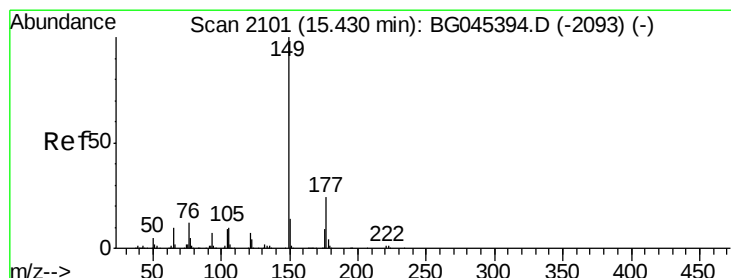
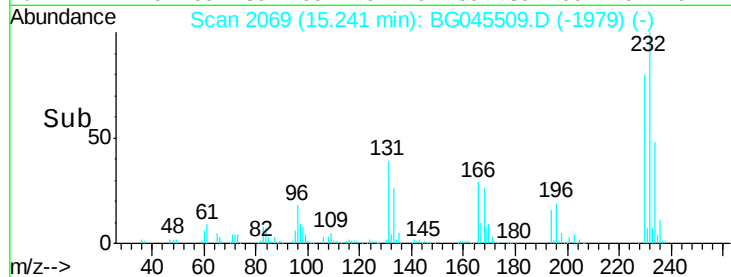
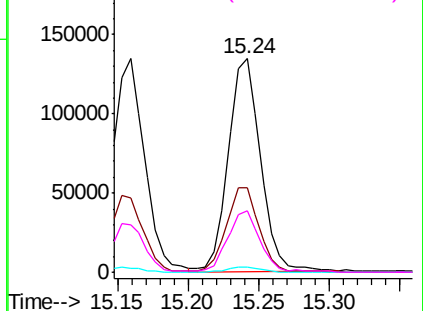
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.3	33.7	50.5
130	2.5	2.1	3.1
166	29.4	23.2	34.8

Manual Integrations
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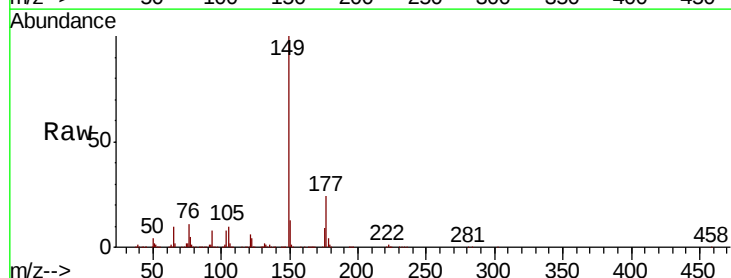


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

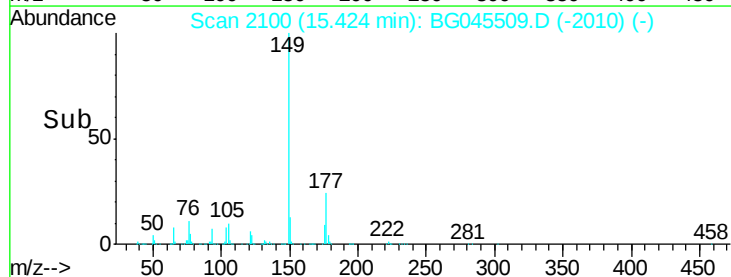
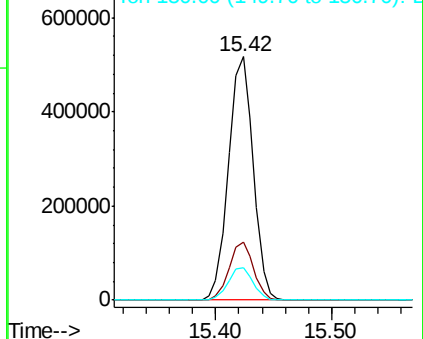


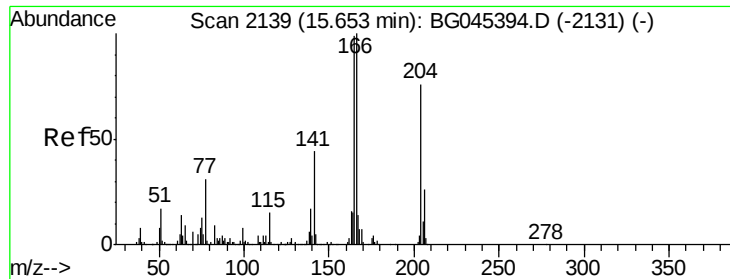
#60
 Diethylphthalate
 Concen: 38.670 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.0	28.4
150	13.4	11.4	17.0



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





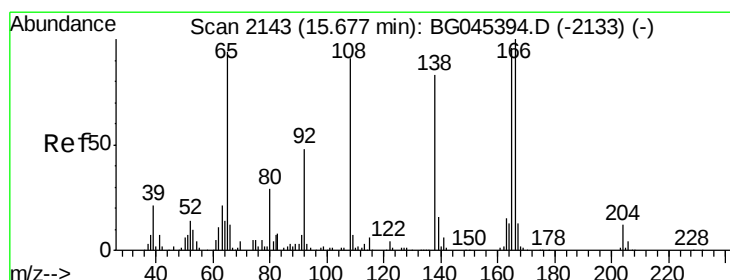
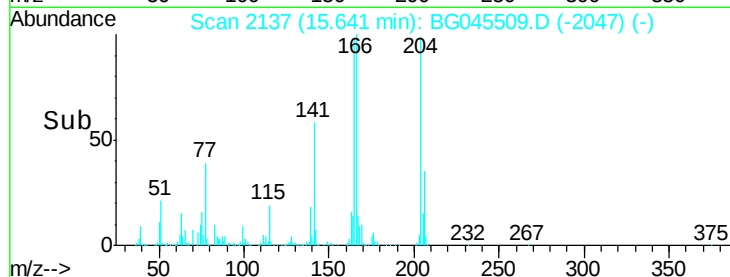
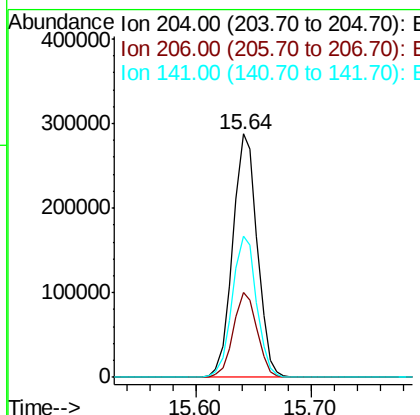
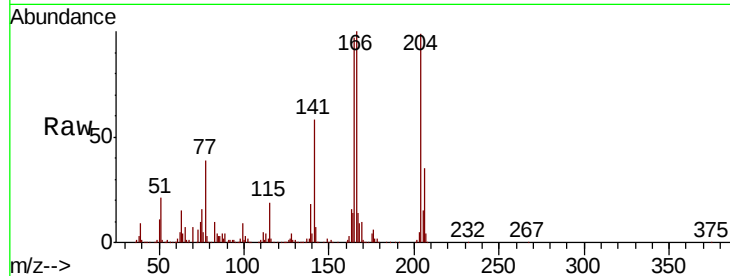
#61
4-Chlorophenyl-phenylether
Concen: 40.599 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
204	100	421425		
206	34.9	27.3	40.9	
141	58.1	45.9	68.9	

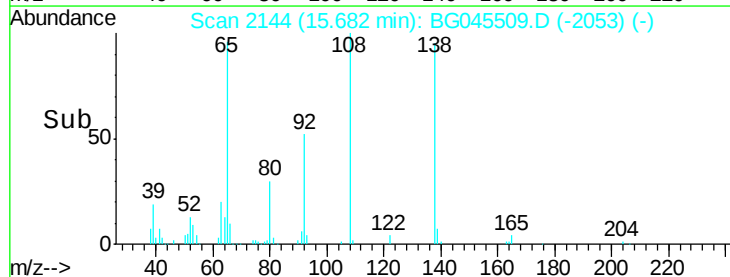
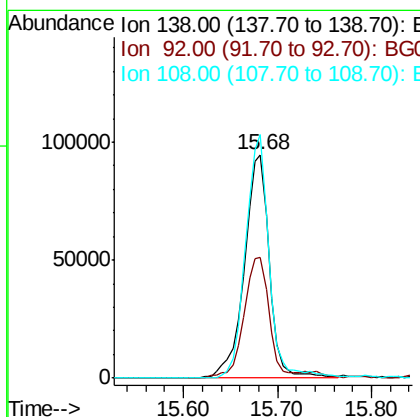
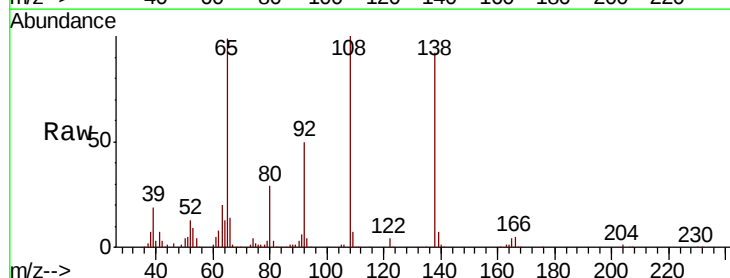
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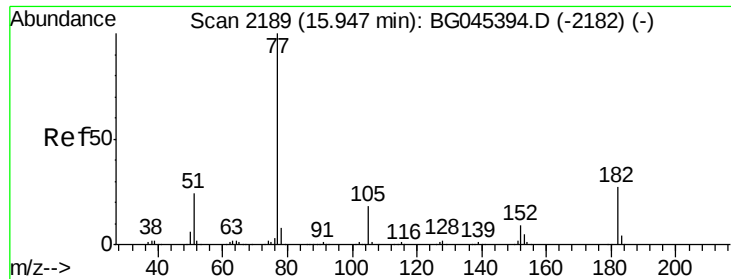
mohammad
5/29/2020 10:27:11 PM



#62
4-Nitroaniline
Concen: 38.371 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	174696		
92	54.2	38.0	78.0	
108	108.8	89.3	129.3	





#63

Azobenzene

Concen: 39.064 ng

RT: 15.93 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

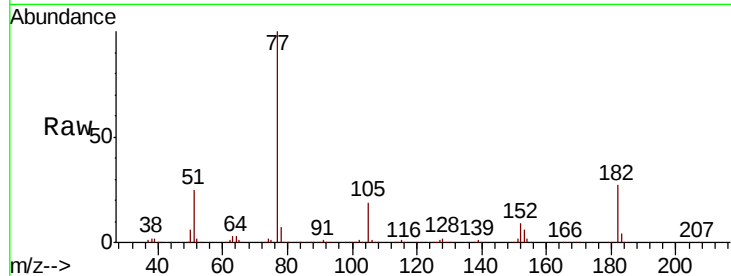
ClientSampleId :

SSTDCCC040

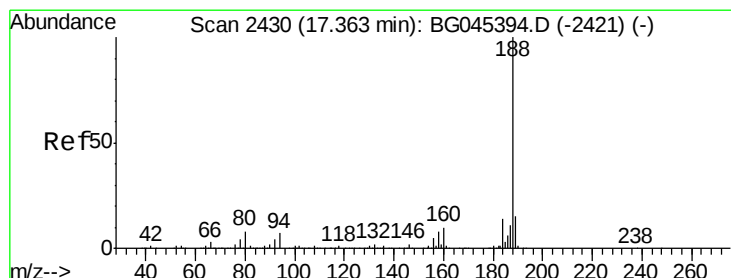
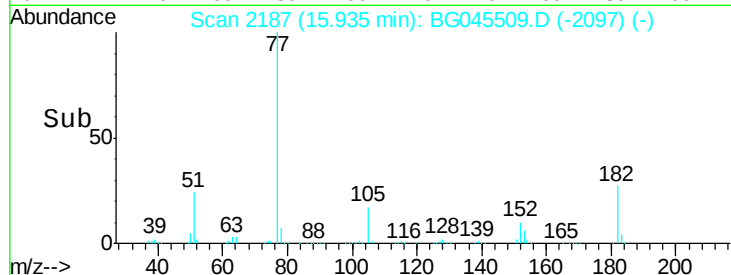
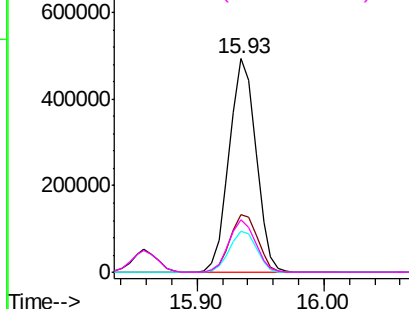
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.7	6.5	46.5	
105	19.3	0.0	37.9	
51	24.8	4.1	44.1	

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

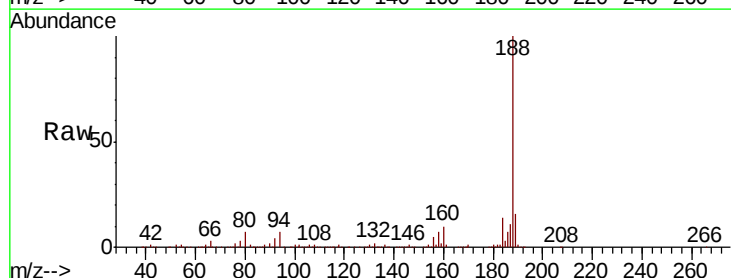
RT: 17.35 min Scan# 2428

Delta R.T. -0.00 min

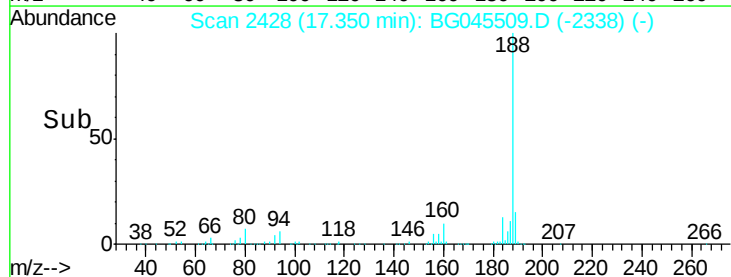
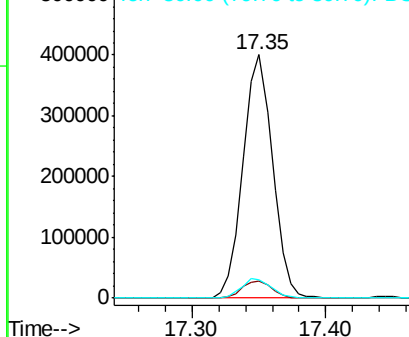
Lab File: BG045509.D

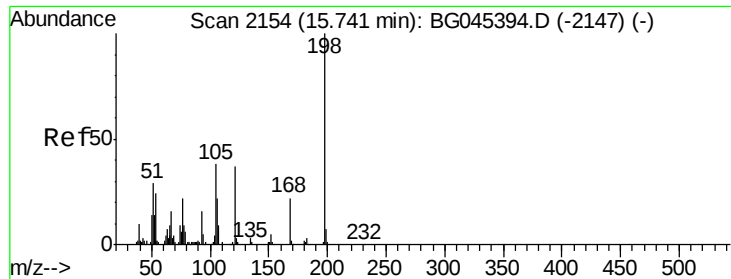
Acq: 29 May 2020 1:44

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.0	5.5	8.3	
80	7.3	6.6	10.0	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 38.656 ng

RT: 15.73 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 138068

Ion Ratio Lower Upper

198 100

51 34.7 10.0 50.0

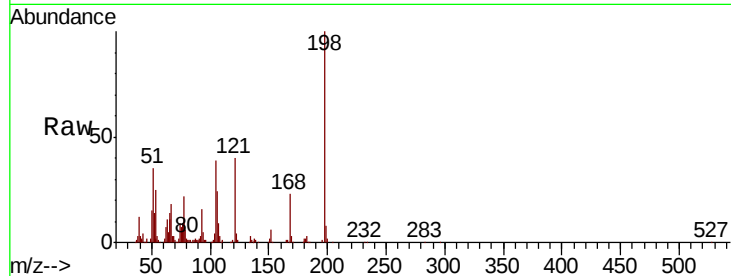
105 38.9 18.9 58.9

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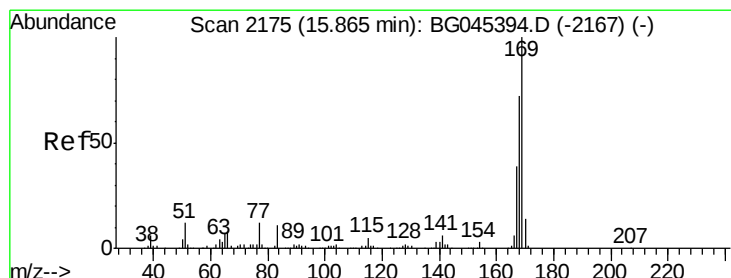
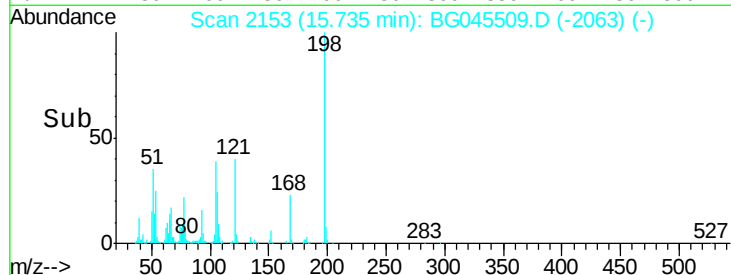
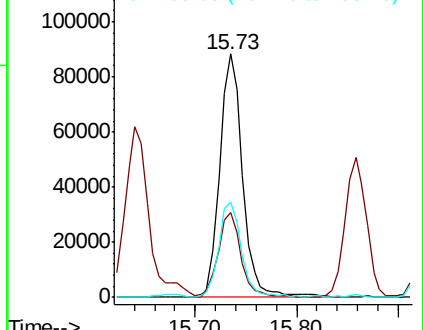
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.488 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

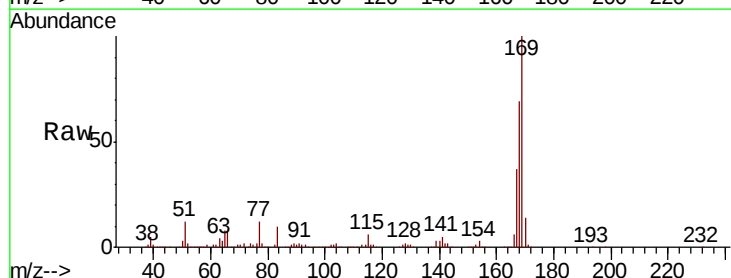
Tgt Ion:169 Resp: 640358

Ion Ratio Lower Upper

169 100

168 68.8 57.8 86.6

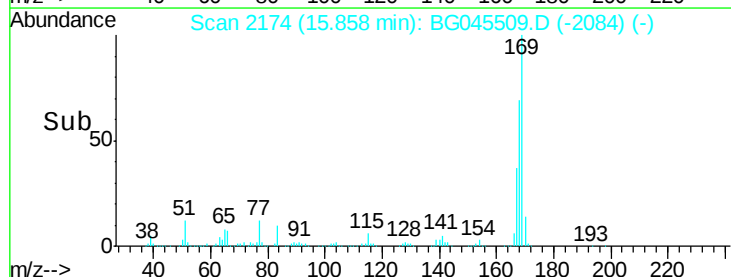
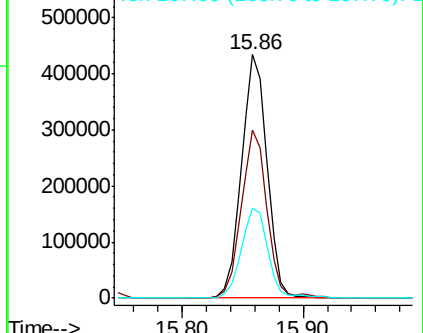
167 37.1 31.5 47.3

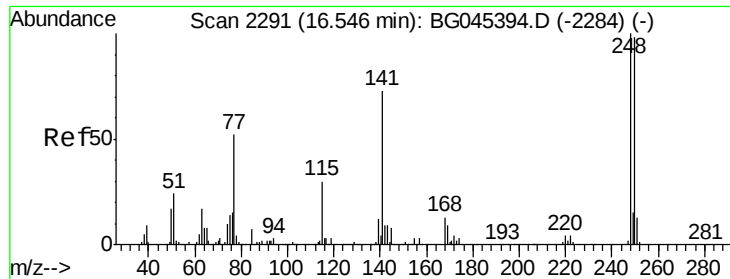


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





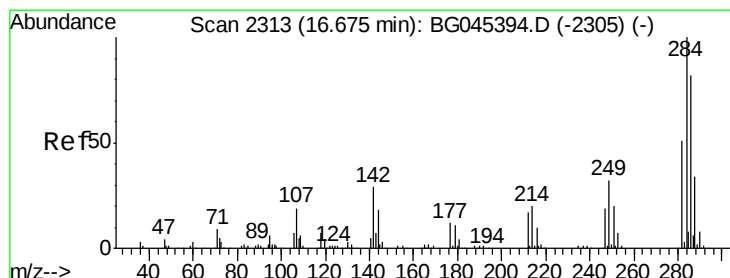
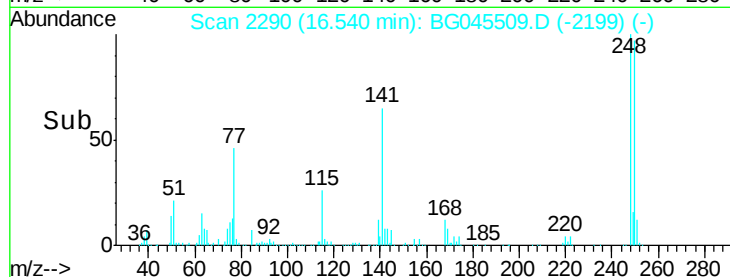
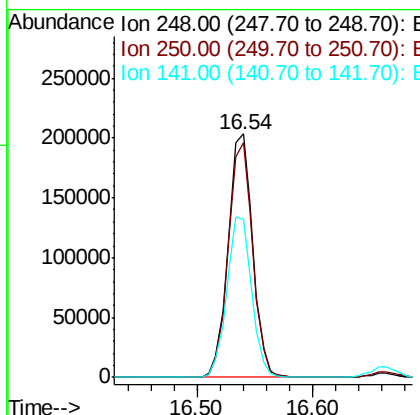
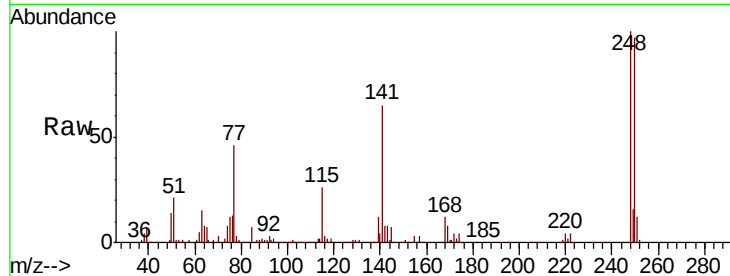
#67
4-Bromophenyl-phenylether
Concen: 45.106 ng
RT: 16.54 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.6	117.8
141	64.7	58.2	87.2

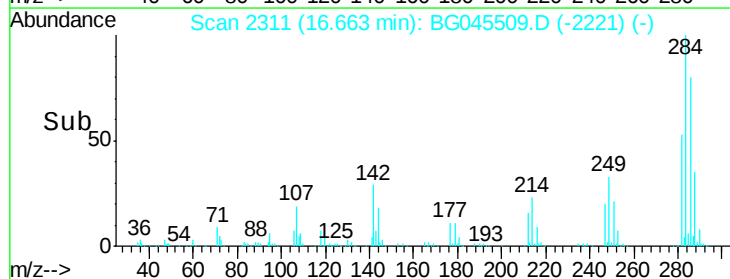
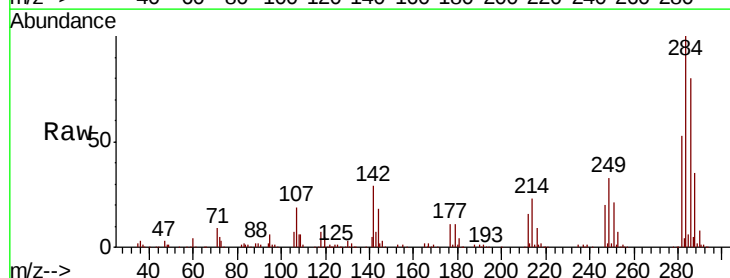
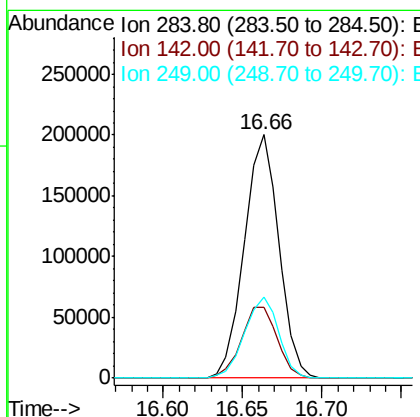
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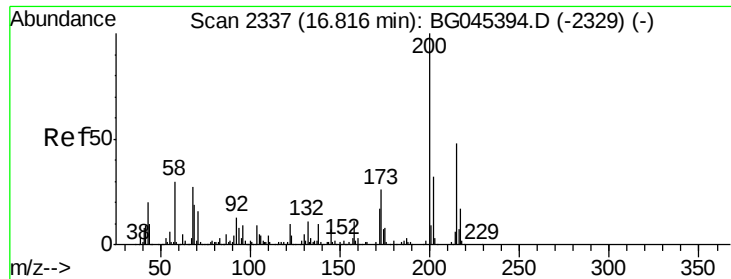
mohammad
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#68
Hexachlorobenzene
Concen: 43.700 ng
RT: 16.66 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	23.0	34.6
249	33.0	25.8	38.6





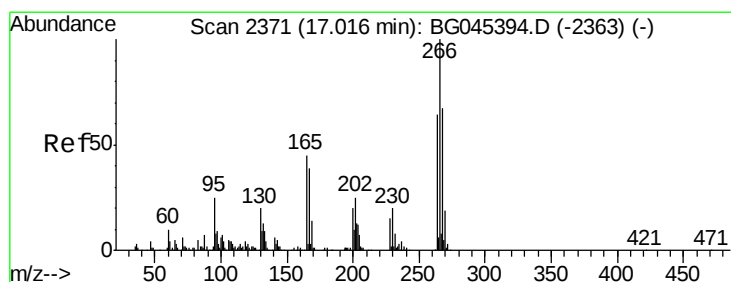
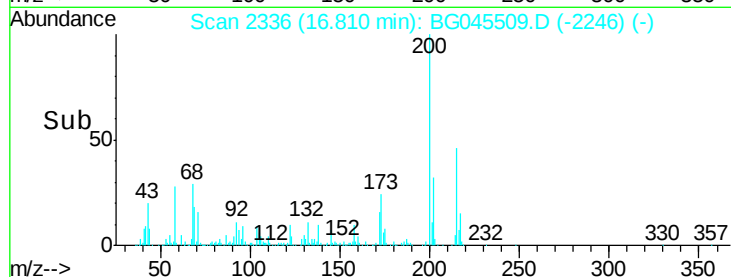
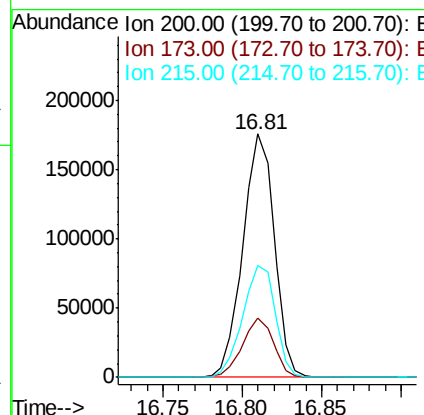
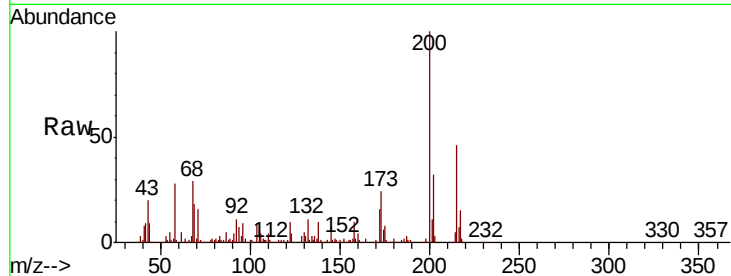
#69
Atrazine
Concen: 40.110 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.1	5.5	45.5
215	45.8	28.2	68.2

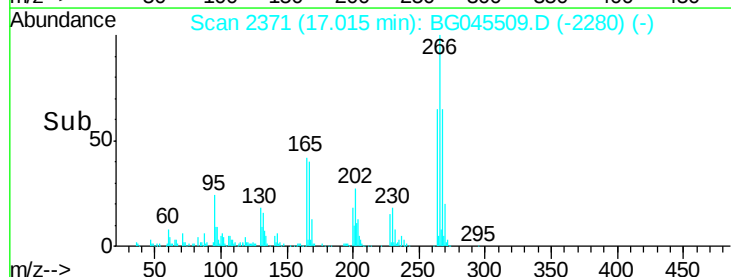
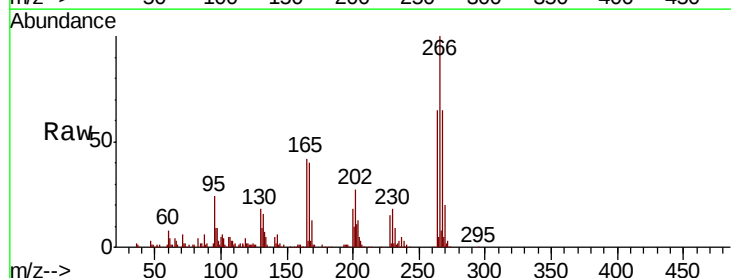
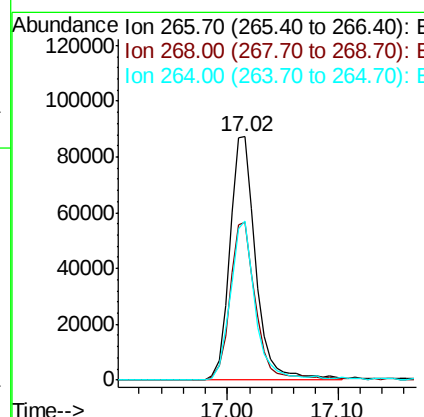
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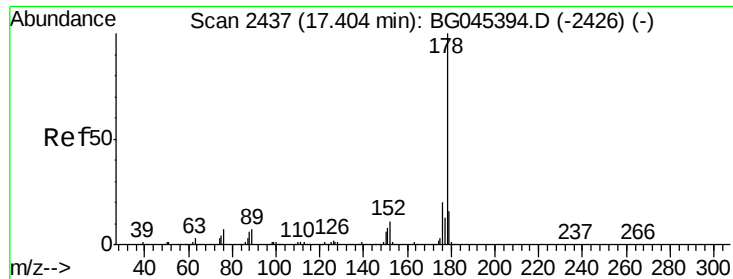
mohammad
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#70
Pentachlorophenol
Concen: 39.904 ng
RT: 17.02 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.7	53.2	79.8
264	65.4	51.0	76.4





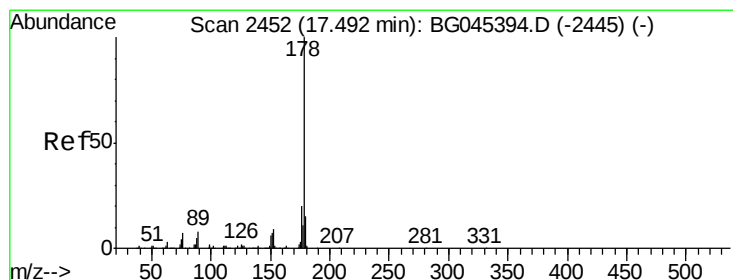
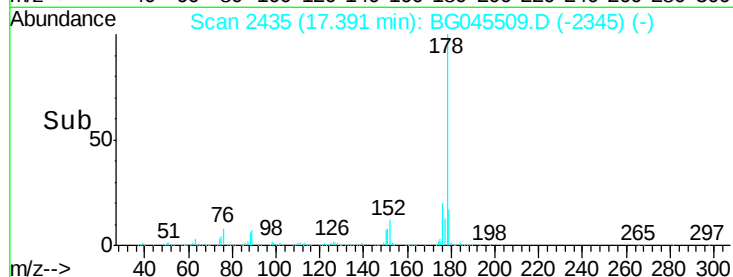
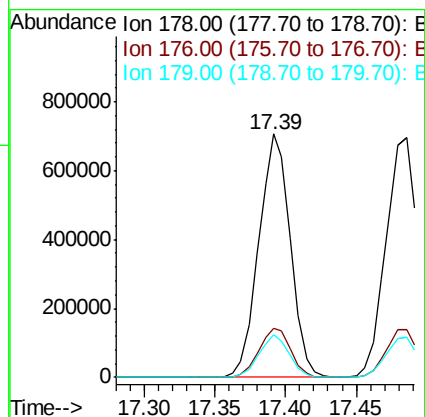
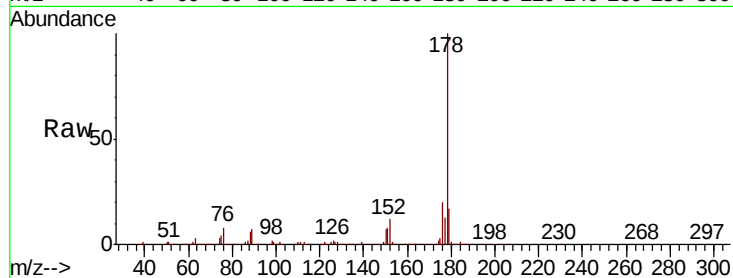
#71
Phenanthrene
Concen: 41.377 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1107809
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 17.3 13.1 19.7

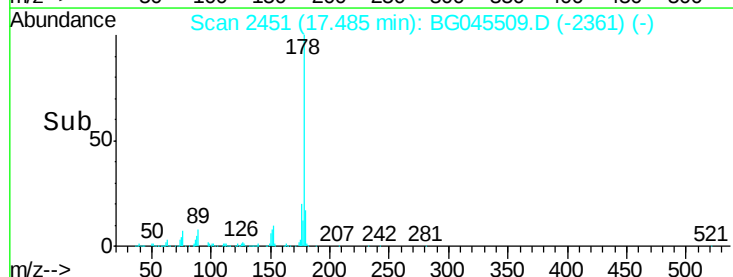
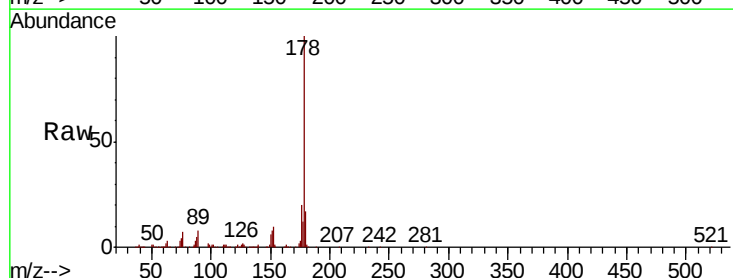
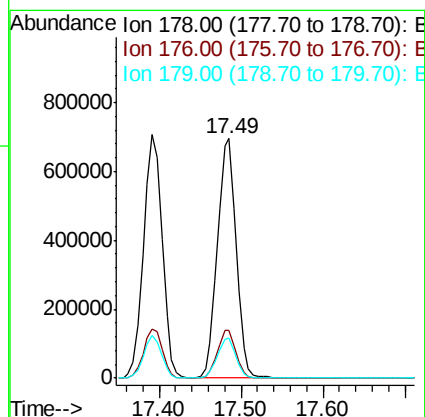
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#72
Anthracene
Concen: 41.623 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion:178 Resp: 1119097
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 16.6 12.2 18.4





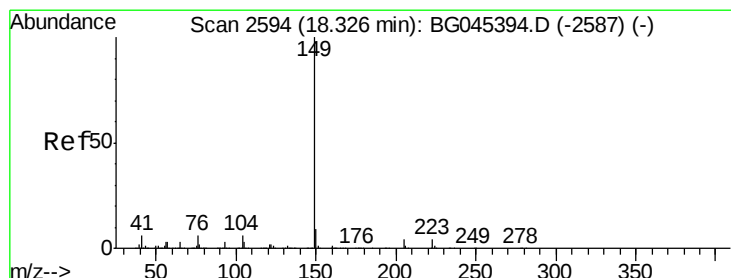
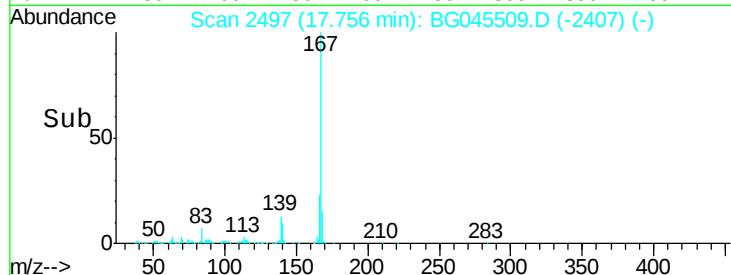
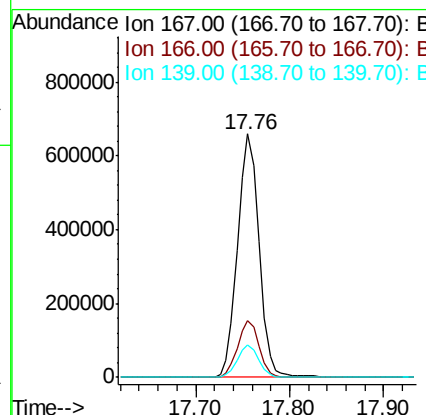
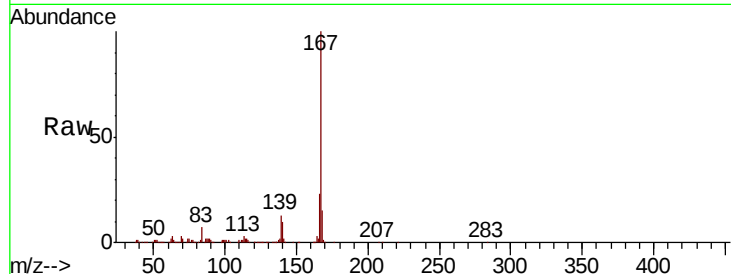
#73
 Carbazole
 Concen: 40.047 ng
 RT: 17.76 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.2	28.8
139	13.2	10.6	16.0

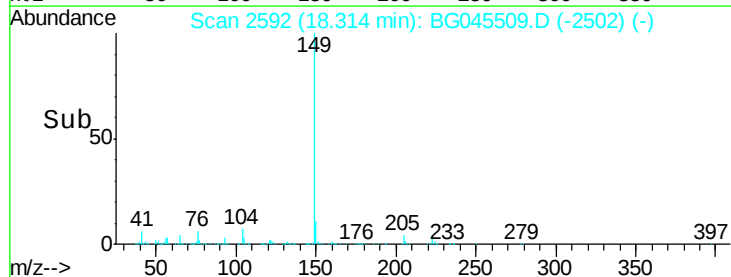
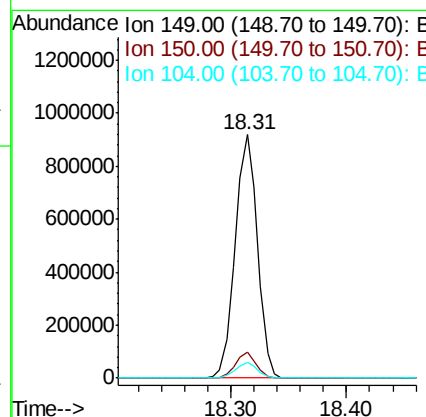
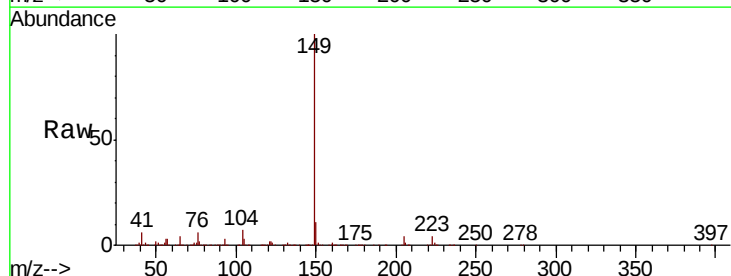
Manual Integrations
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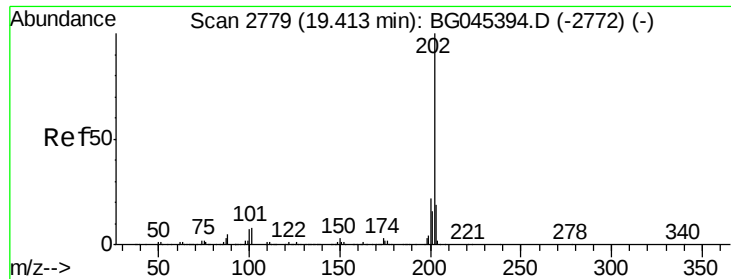
mohammad
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#74
 Di-n-butylphthalate
 Concen: 38.817 ng
 RT: 18.31 min Scan# 2592
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.6	11.4
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 38.430 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1308678

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.3

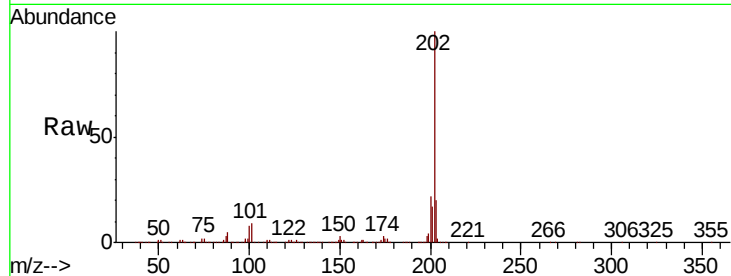
203 19.9 0.0 39.0

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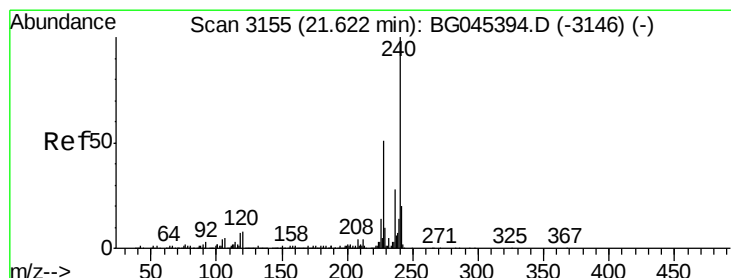
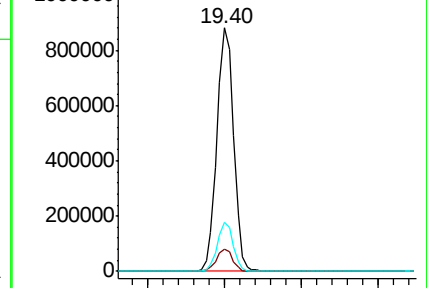
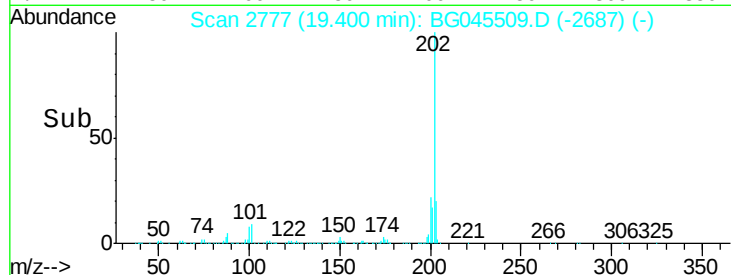
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

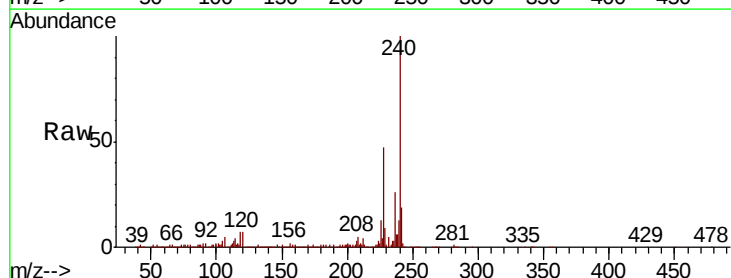
Tgt Ion:240 Resp: 540908

Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

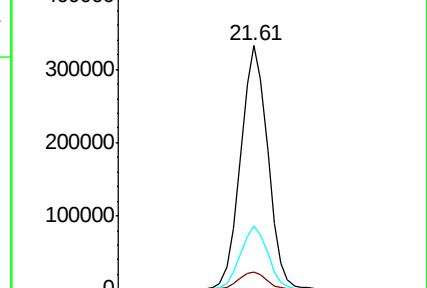
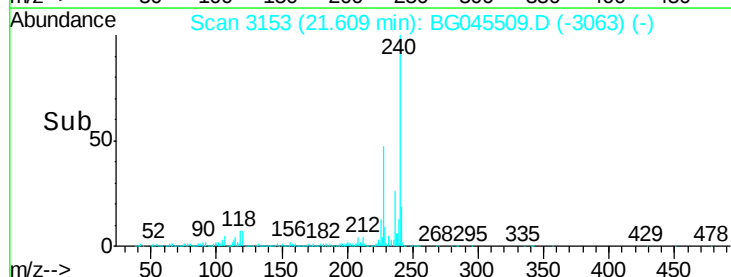
236 26.2 22.3 33.5

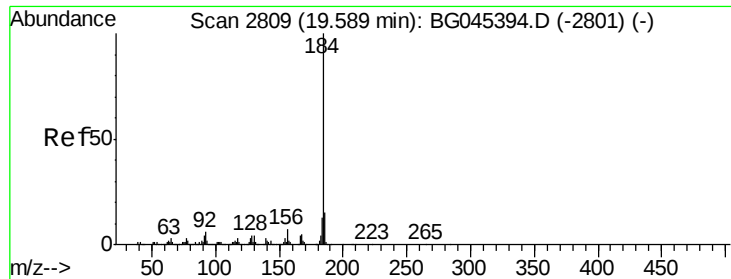


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.958 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

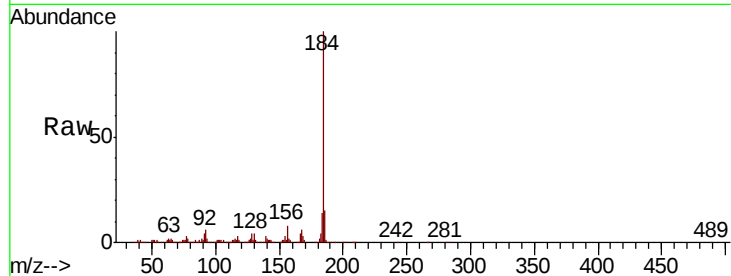
ClientSampleId :

SSTDCCC040

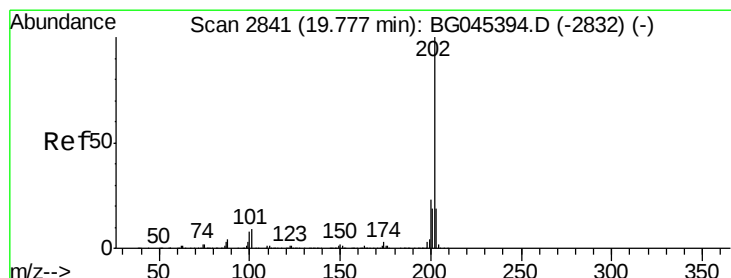
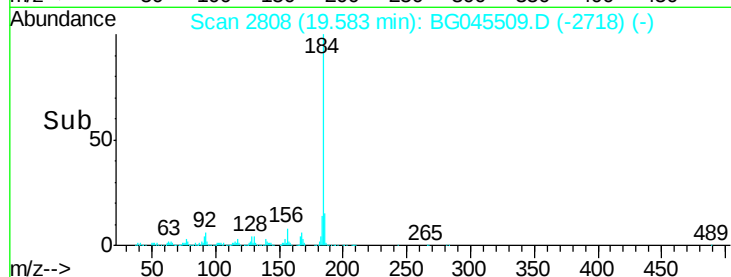
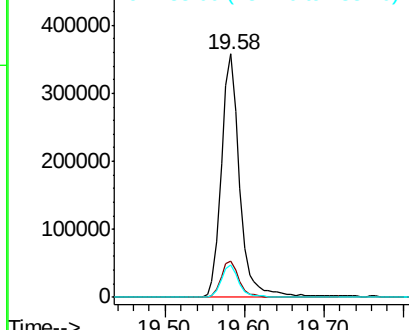
Tot Ion:	184	Resp:	576639
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.7	17.5
183	13.6	10.2	15.4

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



#78

Pyrene

Concen: 42.521 ng

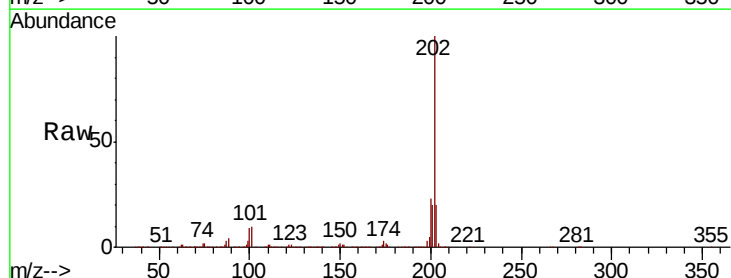
RT: 19.76 min Scan# 2839

Delta R.T. -0.00 min

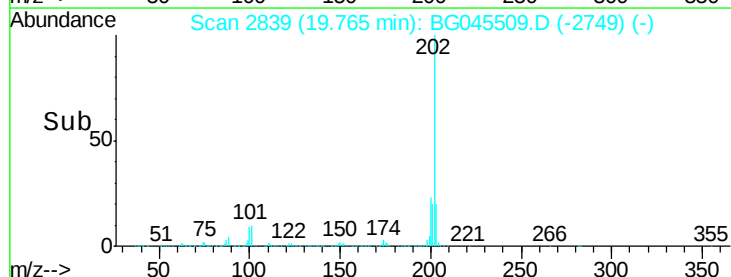
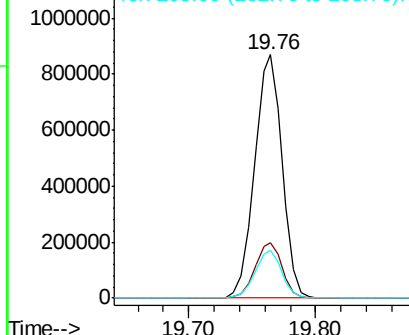
Lab File: BG045509.D

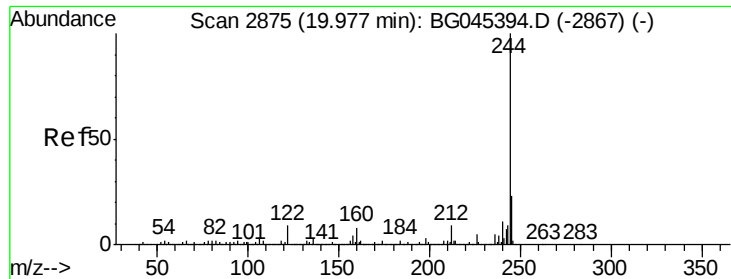
Acq: 29 May 2020 1:44

Tgt Ion:	202	Resp:	1311095
Ion Ratio	Lower	Upper	
202	100		
200	23.0	18.2	27.2
203	19.5	15.1	22.7



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





#79

Terphenyl-d14

Concen: 83.713 ng

RT: 19.96 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1941484

Ion Ratio Lower Upper

244 100

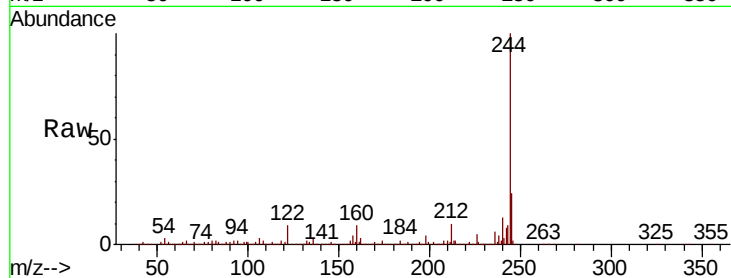
212 9.6 7.4 11.0

122 8.9 6.8 10.2

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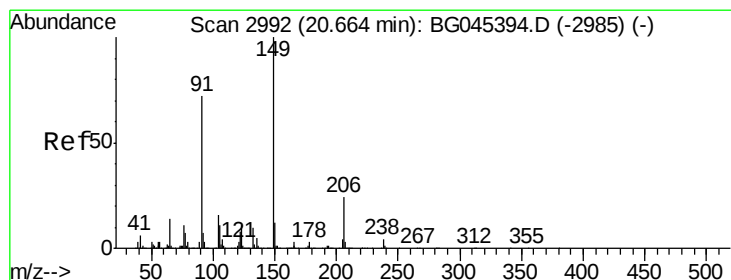
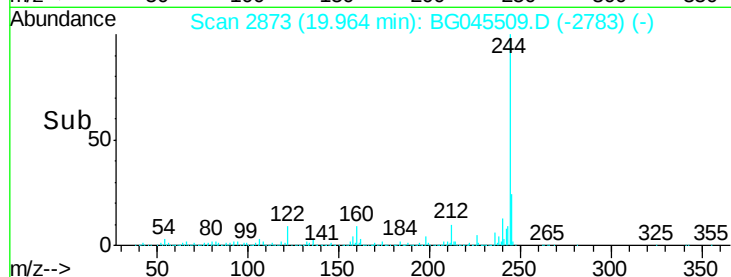
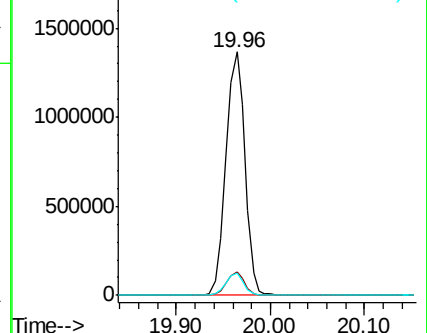
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.411 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

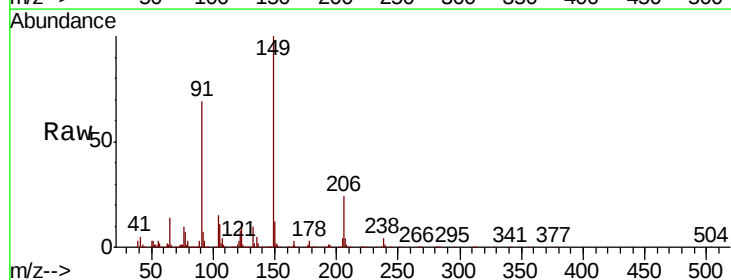
Tgt Ion:149 Resp: 551133

Ion Ratio Lower Upper

149 100

91 69.0 57.8 86.6

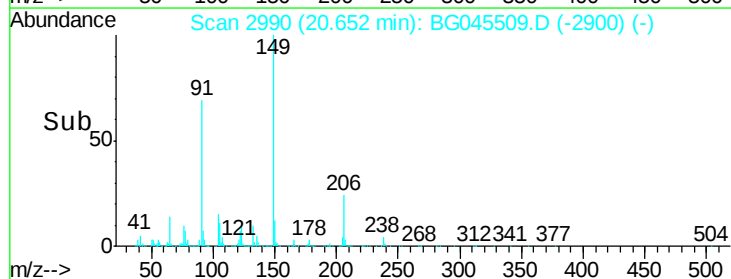
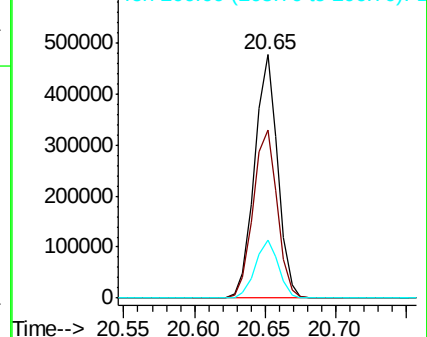
206 23.6 19.1 28.7

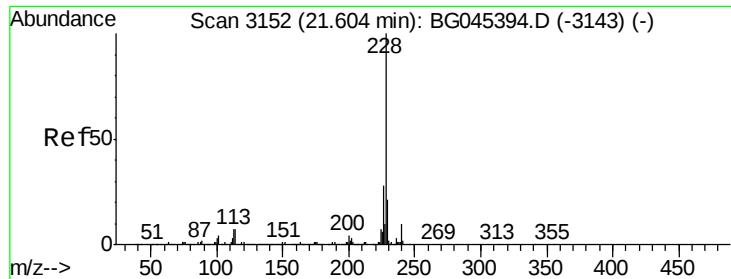


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.926 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1263338

Ion Ratio Lower Upper

228 100

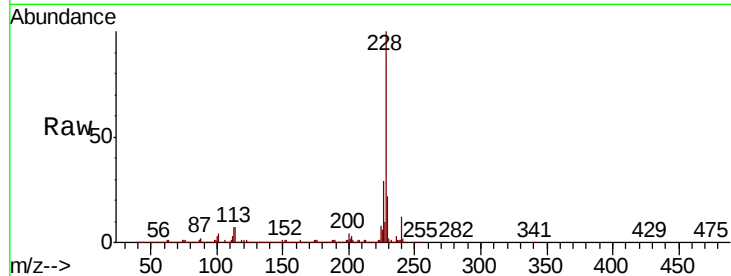
226 29.1 22.7 34.1

229 21.9 16.7 25.1

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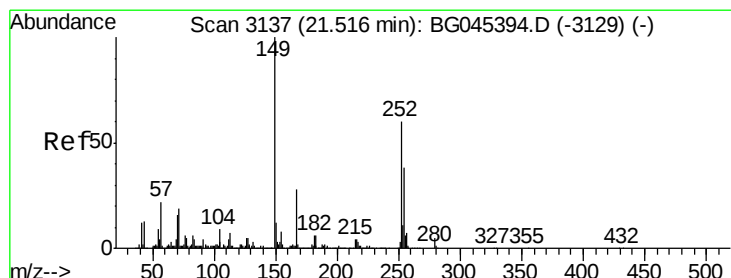
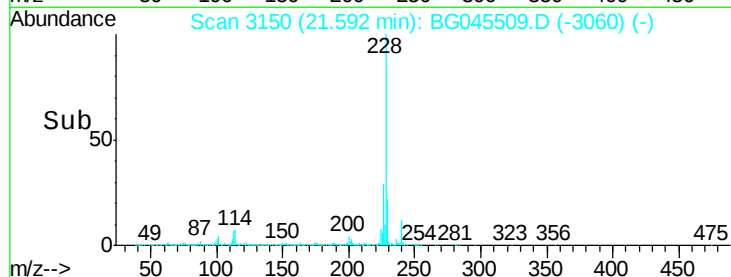
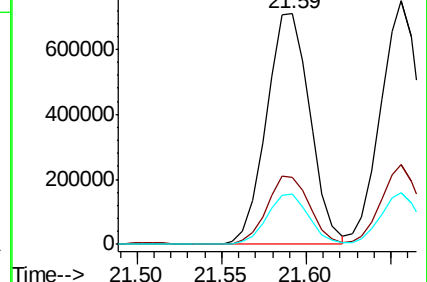
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.781 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

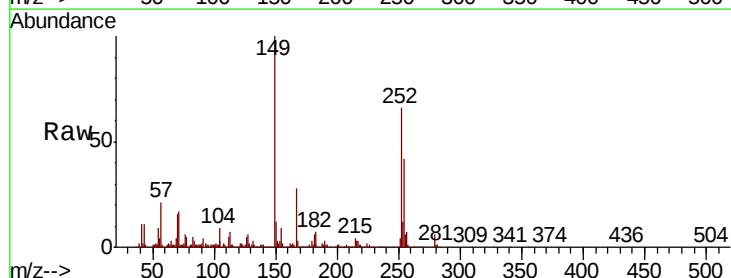
Tgt Ion:252 Resp: 493839

Ion Ratio Lower Upper

252 100

254 64.2 51.3 76.9

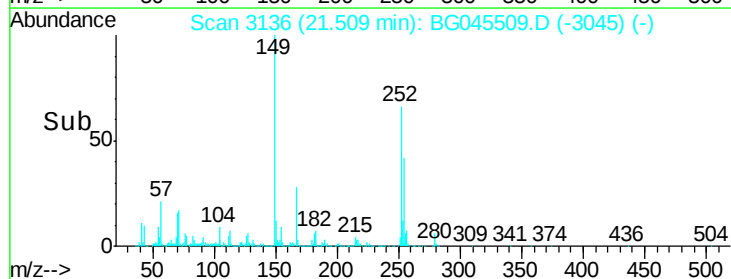
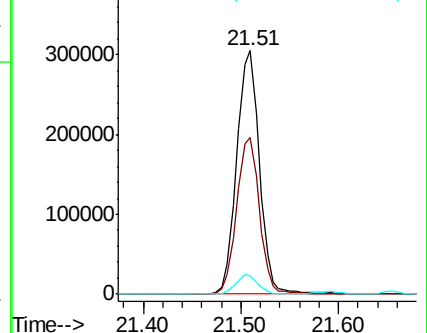
126 7.3 6.6 10.0

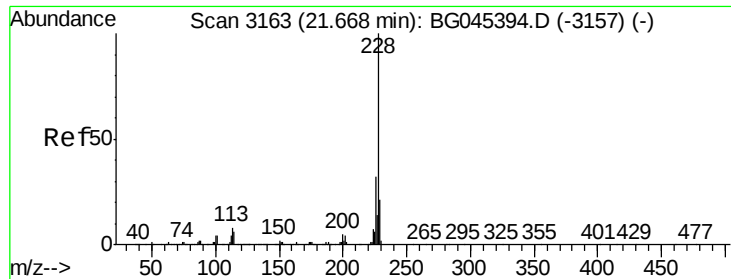


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





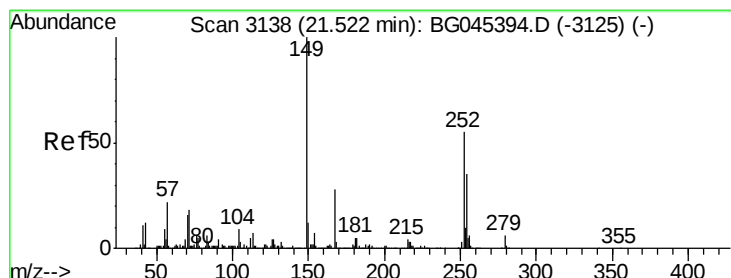
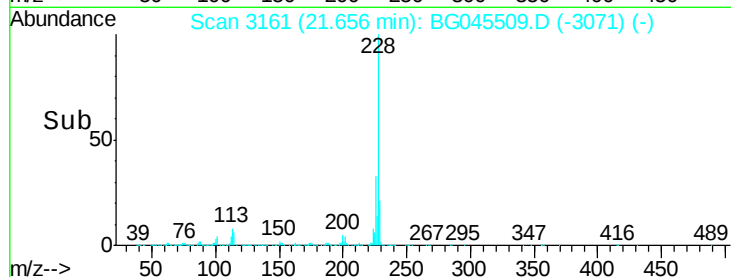
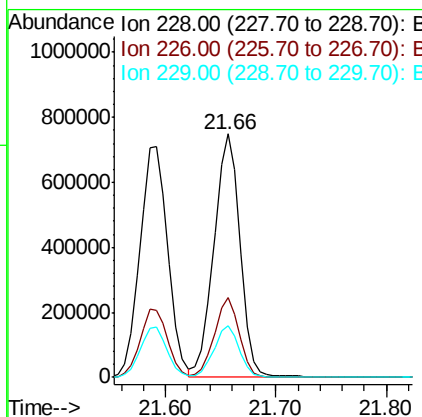
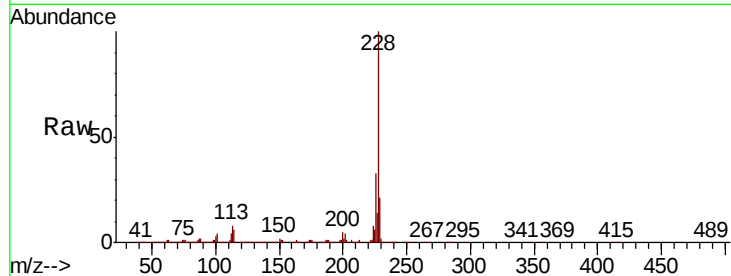
#83
 Chrvsene
 Concen: 42.044 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.2	37.8
229	21.5	16.7	25.1

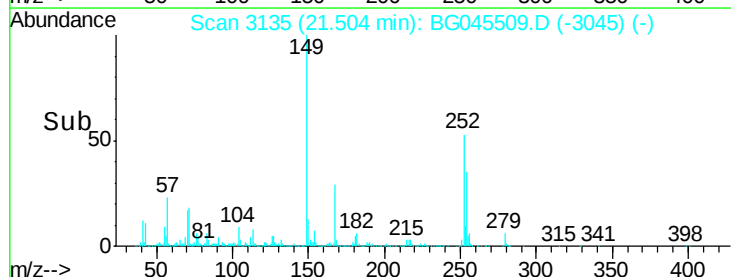
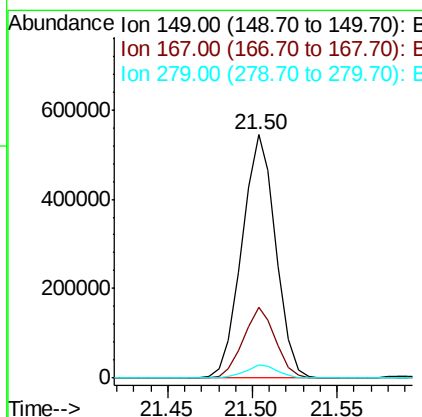
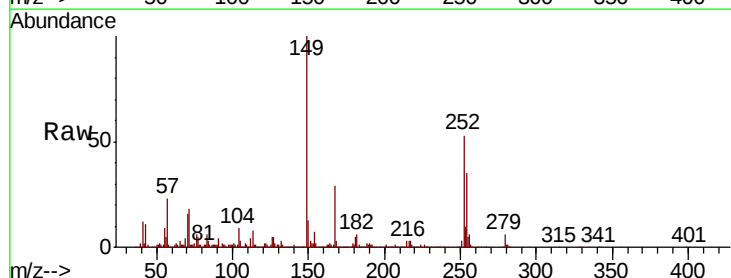
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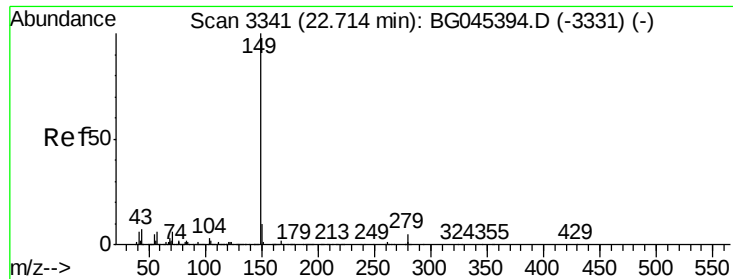
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.226 ng
 RT: 21.50 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.2	33.2
279	5.5	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 41.096 ng

RT: 22.69 min Scan# 3337

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

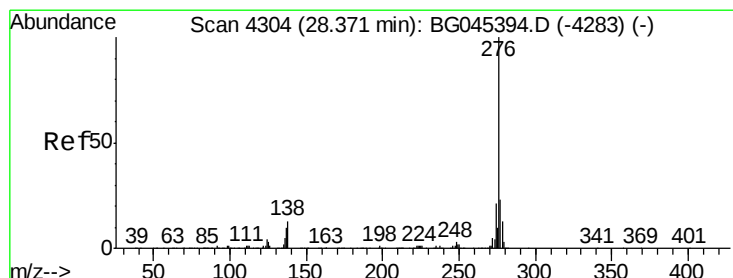
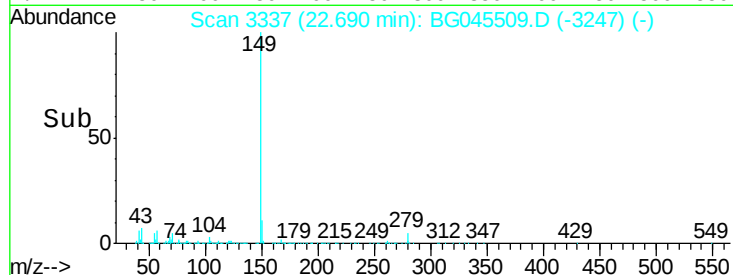
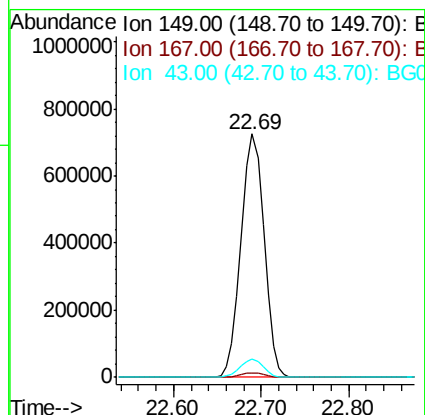
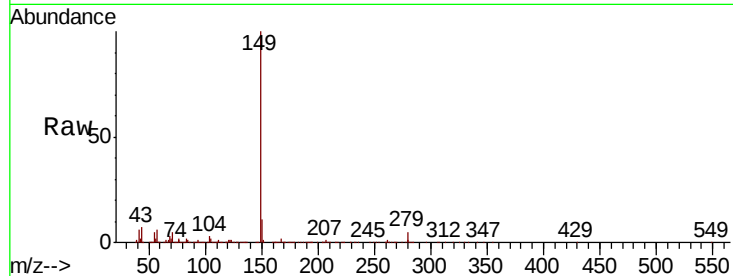
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	1291320
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.2	5.8	8.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.472 ng

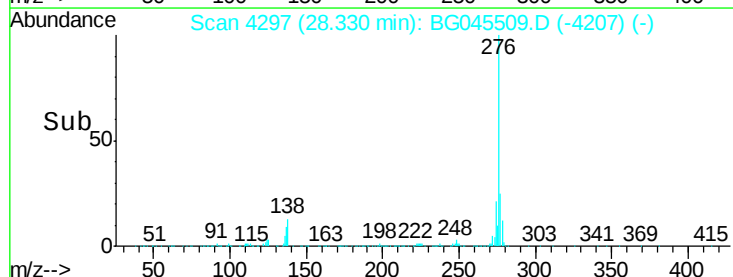
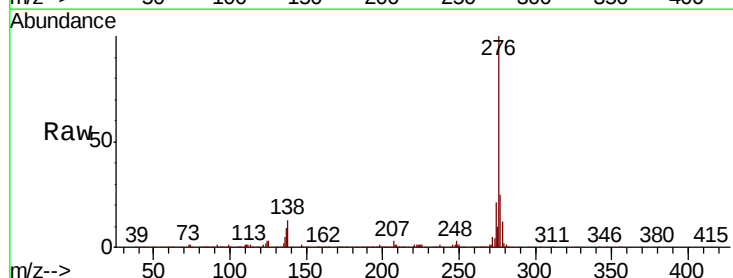
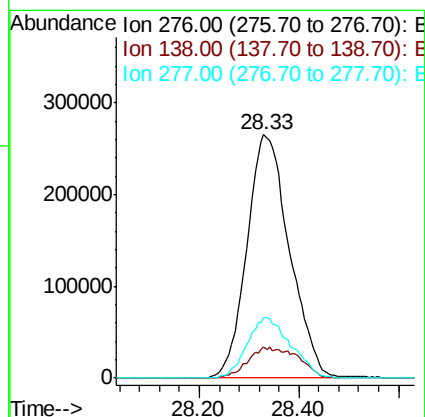
RT: 28.33 min Scan# 4297

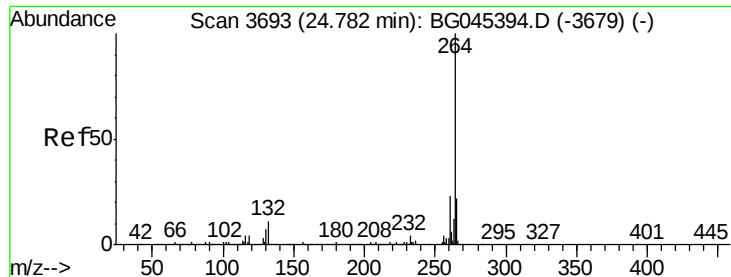
Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Tgt Ion:	276	Resp:	1571290
Ion	Ratio	Lower	Upper
276	100		
138	15.1	8.6	12.8#
277	25.6	20.2	30.4





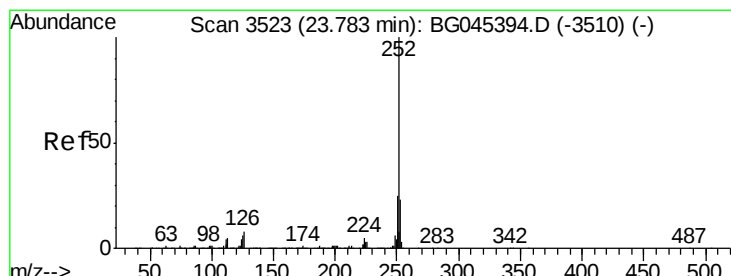
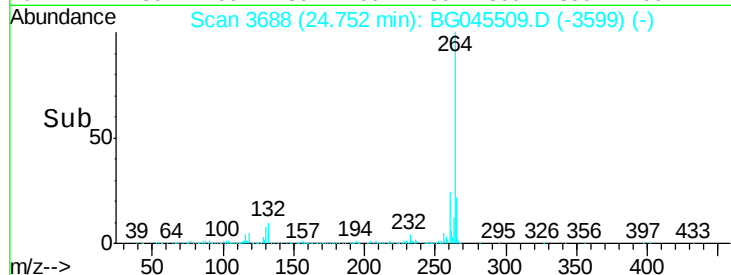
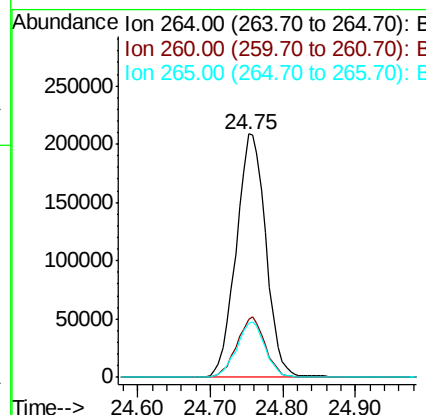
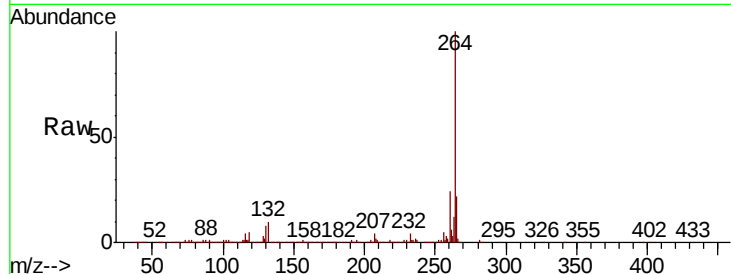
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. -0.01 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	22.5	17.6	26.4

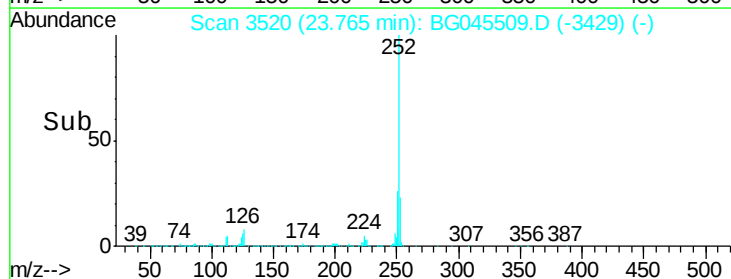
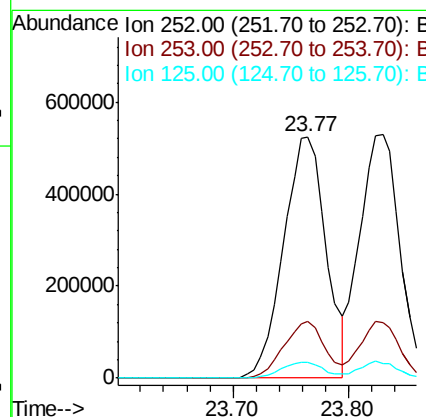
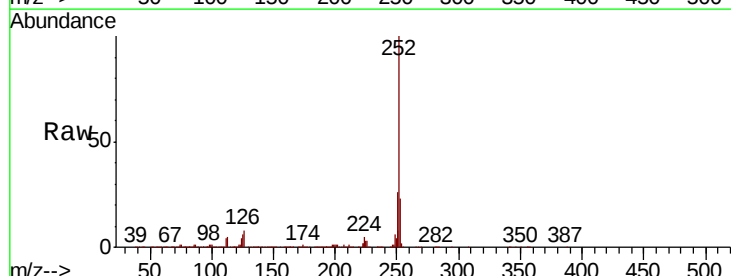
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#88
Benzo(b)fluoranthene
Concen: 42.157 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	6.5	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 42.798 ng

RT: 23.83 min Scan# 3531

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1276375

Ion Ratio Lower Upper

252 100

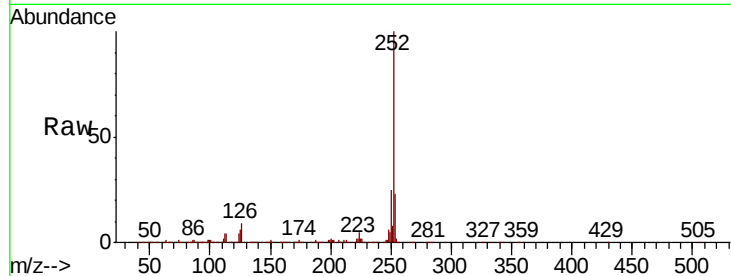
253 22.8 18.4 27.6

125 6.2 5.7 8.5

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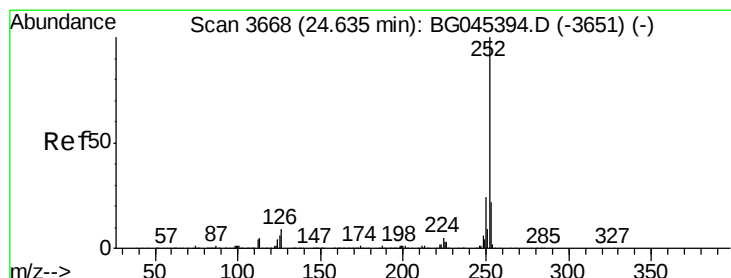
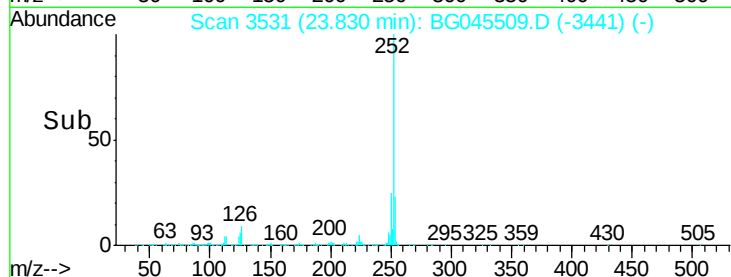
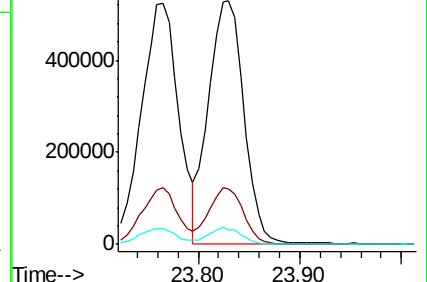
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.431 ng

RT: 24.61 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

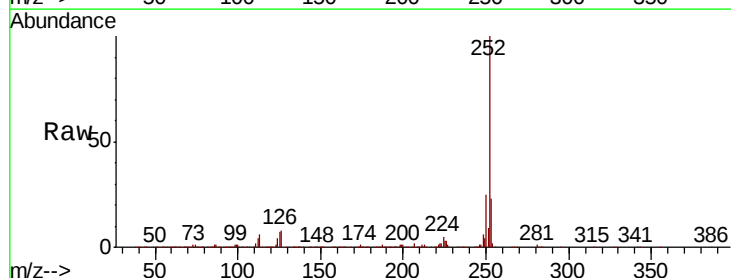
Tgt Ion:252 Resp: 1254432

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

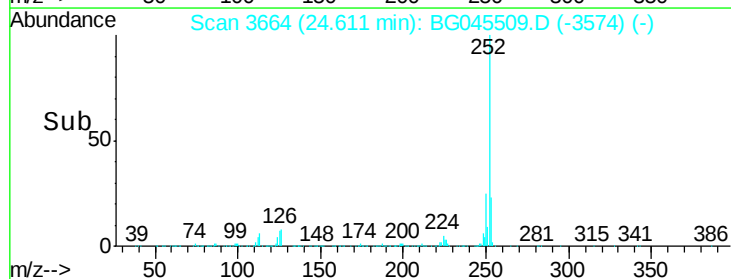
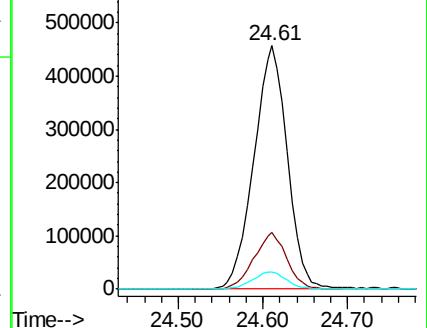
125 7.1 5.0 7.6

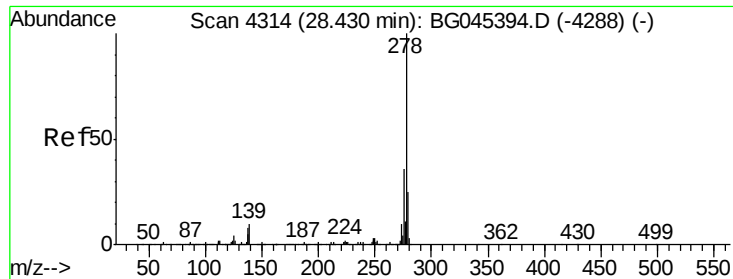


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





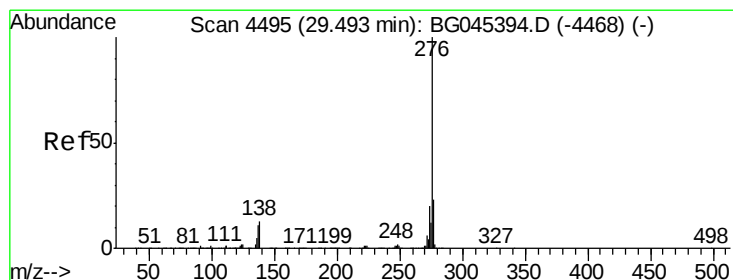
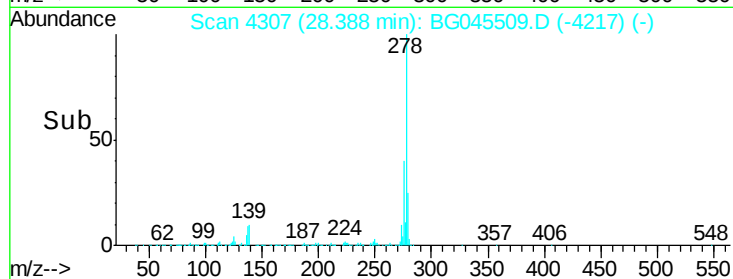
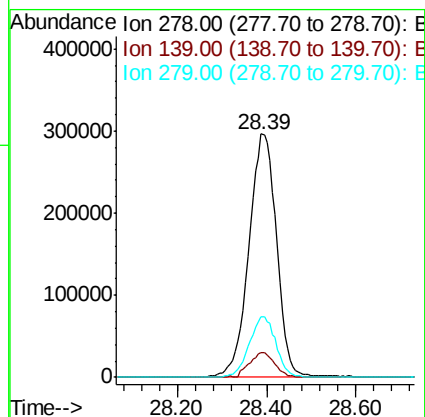
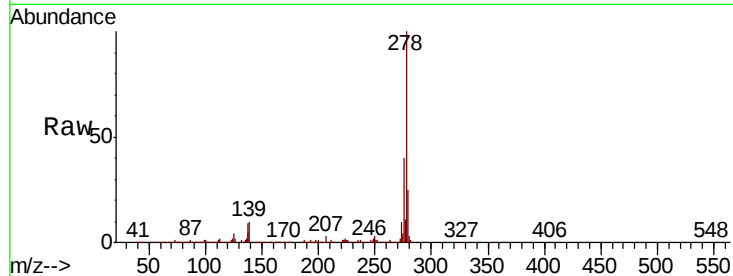
#91
Dibenzo(a,h)anthracene
Concen: 42.320 ng
RT: 28.39 min Scan# 4307
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.3	7.8	11.8
279	24.8	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 42.283 ng
RT: 29.45 min Scan# 4487
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.1	27.1
138	12.4	10.2	15.4

