

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061520\
 Data File : BG045765.D
 Acq On : 15 Jun 2020 14:57
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
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mohammad
 6/16/2020 11:06:12 AM

Quant Time: Jun 15 15:36:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 14:56:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	45885	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	178080	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	129542	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	307853	20.00	ng	0.00
76) Chrysene-d12	21.58	240	297255	20.00	ng	0.00
86) Perylene-d12	24.71	264	329478	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	276795	117.89	ng	0.00
7) Phenol-d6	7.16	99	422036	126.29	ng	0.00
23) Nitrobenzene-d5	9.09	82	393768	120.58	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	205976	124.33	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	880857	115.34	ng	0.00
79) Terphenyl-d14	19.94	244	1483411	116.39	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	61461	52.788	ng	98
3) Pyridine	3.76	79	188520	58.138	ng	98
4) n-Nitrosodimethylamine	3.68	42	62561	58.959	ng	95
6) Aniline	7.25	93	249625	57.222	ng	100
8) 2-Chlorophenol	7.51	128	147598	57.325	ng	95
9) Benzaldehyde	7.05	77	119885	55.063	ng	97
10) Phenol	7.19	94	201779	58.586	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	151866	56.531	ng	95
12) 1,3-Dichlorobenzene	7.81	146	175289	56.652	ng	95
13) 1,4-Dichlorobenzene	7.95	146	173790	56.915	ng	96
14) 1,2-Dichlorobenzene	8.27	146	168428	57.350	ng	96
15) Benzyl Alcohol	8.18	79	166001	60.132	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	139977	54.892	ng	95
17) 2-Methylphenol	8.42	107	150556	58.402	ng	95
18) Hexachloroethane	9.00	117	66032	56.463	ng	94
19) n-Nitroso-di-n-propylamine	8.73	70	137557	59.526	ng	99
20) 3+4-Methylphenols	8.76	107	200547	57.128	ng	98
22) Acetophenone	8.74	105	244818	58.004	ng	98
24) Nitrobenzene	9.13	77	208076	59.471	ng	96
25) Isophorone	9.65	82	384970	59.859	ng	99
26) 2-Nitrophenol	9.84	139	89584	59.854	ng	99
27) 2,4-Dimethylphenol	9.94	122	135284	60.942	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	199967	59.288	ng	99
29) 2,4-Dichlorophenol	10.42	162	156820	59.823	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	184917	59.698	ng	96
31) Naphthalene	10.78	128	489845	59.029	ng	99
32) Benzoic acid	10.15	122	87023	65.275	ng	94
33) 4-Chloroaniline	10.90	127	209364	60.357	ng	96
34) Hexachlorobutadiene	11.07	225	130214	59.470	ng	97
35) Caprolactam	11.68	113	54090	56.216	ng	96
36) 4-Chloro-3-methylphenol	12.08	107	184764	62.549	ng	98
37) 2-Methylnaphthalene	12.39	142	373412	60.373	ng	98
38) 1-Methylnaphthalene	12.60	142	346034	59.226	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	213259	58.939	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	103404	49.513	nq	96
43) 2,4,6-Trichlorophenol	13.02	196	149031	59.292	nq	98
44) 2,4,5-Trichlorophenol	13.12	196	167533	58.328	nq	99
46) 1,1'-Biphenyl	13.40	154	464491	58.355	nq	98
47) 2-Chloronaphthalene	13.44	162	374749	57.978	nq	97
48) 2-Nitroaniline	13.66	65	128582	60.476	nq	98
49) Acenaphthylene	14.29	152	611315	58.881	nq	99
50) Dimethylphthalate	14.03	163	525459	59.130	nq	97
51) 2,6-Dinitrotoluene	14.15	165	118365	59.028	nq	99
52) Acenaphthene	14.63	154	368250	52.988	nq	98
53) 3-Nitroaniline	14.50	138	118487	58.127	nq	94
54) 2,4-Dinitrophenol	14.70	184	59755	51.316	nq	95
55) Dibenzofuran	14.97	168	603394	58.466	nq	100
56) 4-Nitrophenol	14.88	139	82638	53.547	nq	93
57) 2,4-Dinitrotoluene	14.94	165	171158	58.936	nq	99
58) Fluorene	15.62	166	501667	59.168	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	149531	59.174	nq	98
60) Diethylphthalate	15.39	149	537111	58.070	nq	97
61) 4-Chlorophenyl-phenylether	15.61	204	289715	59.713	nq	96
62) 4-Nitroaniline	15.66	138	124544m	58.526	nq	
63) Azobenzene	15.91	77	508821	58.997	nq	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	102473	57.154	nq	98
66) n-Nitrosodiphenylamine	15.84	169	440631	59.613	nq	99
67) 4-Bromophenyl-phenylether	16.50	248	202335	60.697	nq	94
68) Hexachlorobenzene	16.63	284	214408	61.495	nq	94
69) Atrazine	16.79	200	173799	57.086	nq	99
70) Pentachlorophenol	16.99	266	93026	51.385	nq	98
71) Phenanthrene	17.36	178	815147	60.653	nq	99
72) Anthracene	17.45	178	804387	59.600	nq	99
73) Carbazole	17.74	167	772737	58.738	nq	99
74) Di-n-butylphthalate	18.28	149	916695	58.055	nq	99
75) Fluoranthene	19.38	202	996181	58.276	nq	99
77) Benzidine	19.56	184	408061	48.878	nq	99
78) Pyrene	19.74	202	999442	58.982	nq	99
80) Butylbenzylphthalate	20.63	149	421716	57.659	nq	99
81) Benzo(a)anthracene	21.56	228	967702	58.439	nq	99
82) 3,3'-Dichlorobenzidine	21.48	252	370894	57.100	nq	98
83) Chrysene	21.62	228	932602	58.572	nq	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	582310	57.919	nq	# 96
85) Di-n-octyl phthalate	22.65	149	1010219	58.503	nq	100
87) Indeno(1,2,3-cd)pyrene	28.26	276	1210245	58.588	nq	# 95
88) Benzo(b)fluoranthene	23.72	252	1037434	58.711	nq	97
89) Benzo(k)fluoranthene	23.78	252	1014539	61.113	nq	99
90) Benzo(a)pyrene	24.56	252	976803	59.356	nq	99
91) Dibenzo(a,h)anthracene	28.32	278	973706	58.879	nq	99
92) Benzo(g,h,i)perylene	29.37	276	972950	58.826	nq	98

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

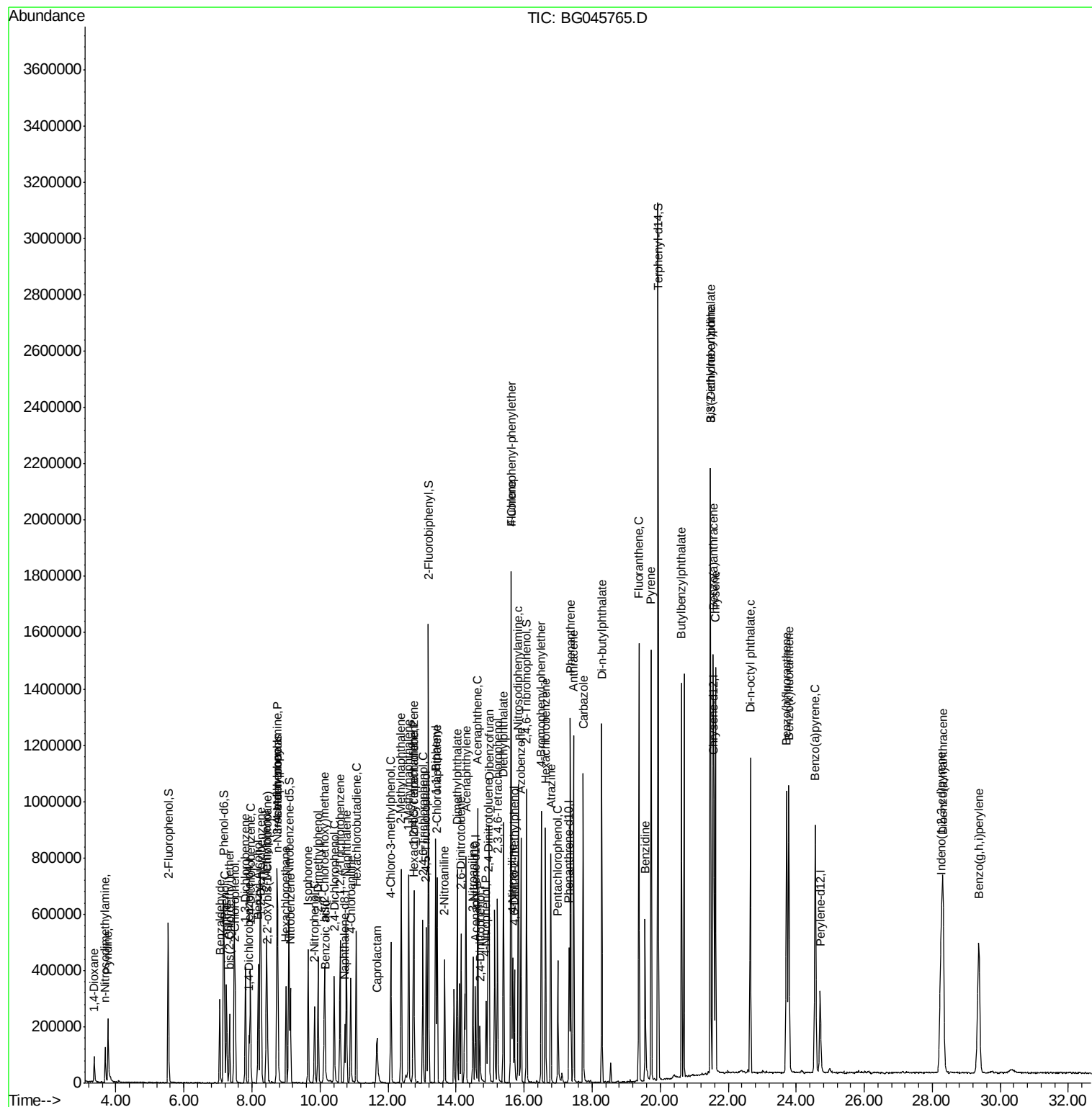
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061520\
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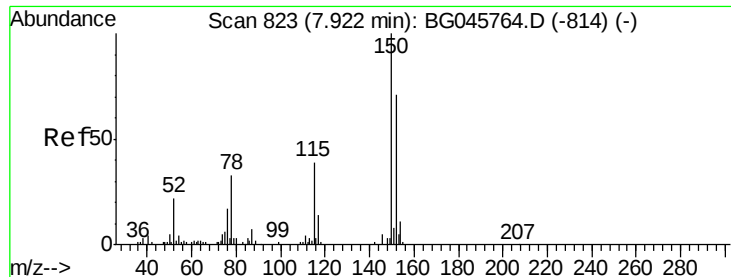
Instrument :
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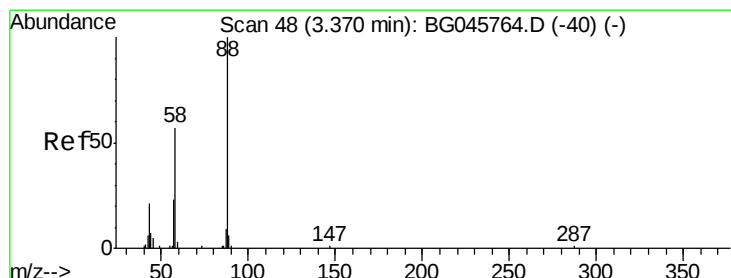
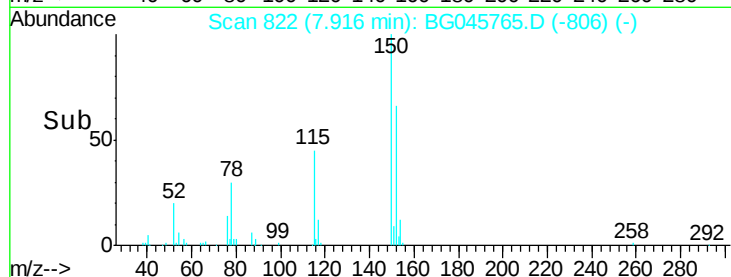
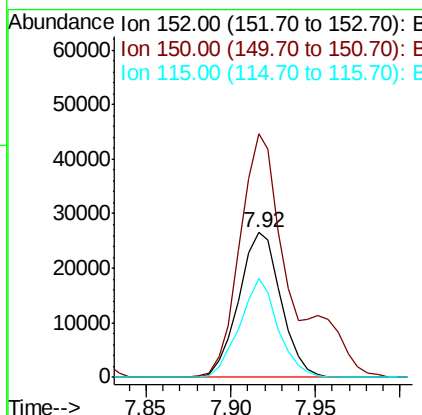
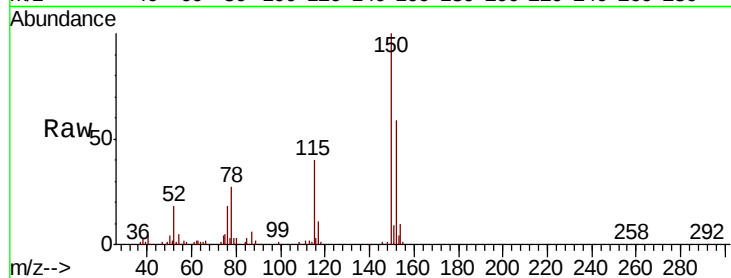
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.3	113.1	169.7
115	68.1	43.8	65.6

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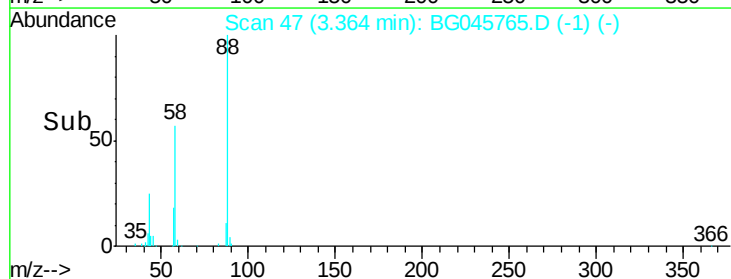
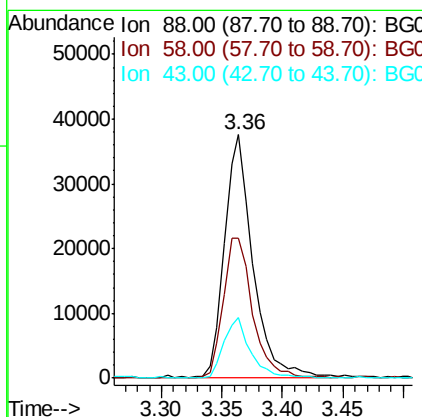
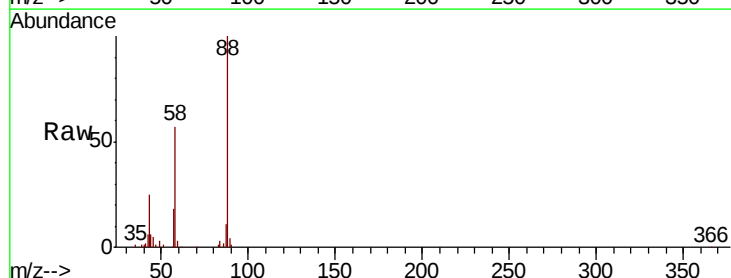
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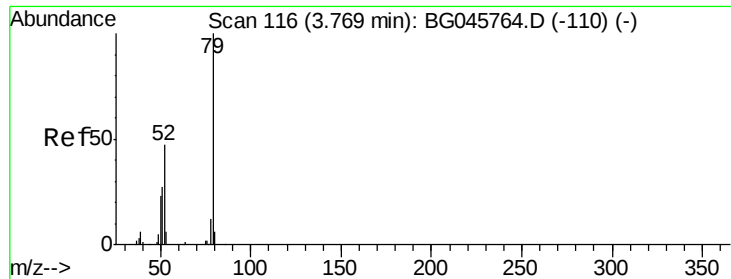


#2

1,4-Dioxane
Concen: 52.788 ng
RT: 3.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.4	46.1	69.1
43	23.4	19.2	28.8





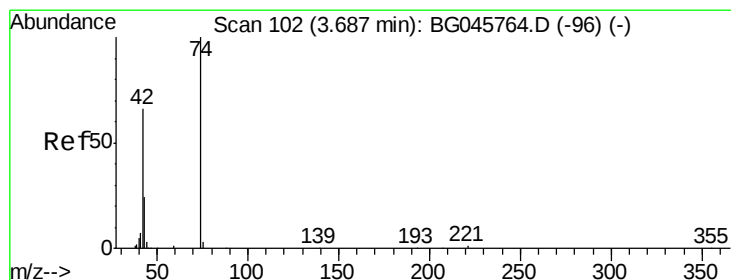
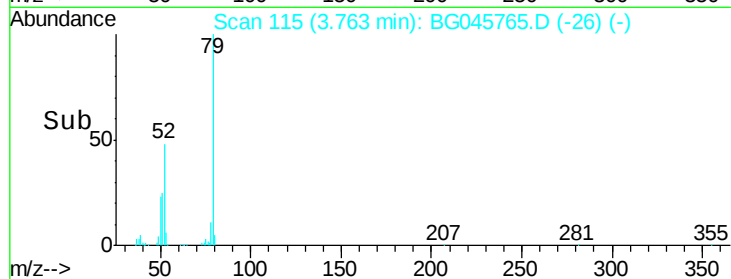
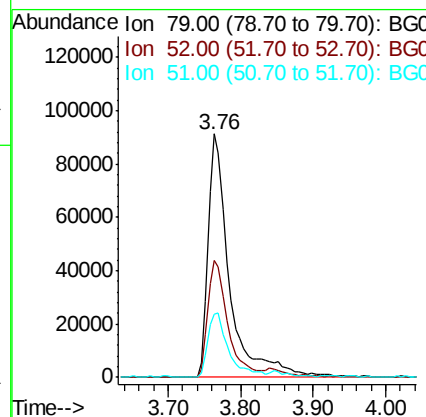
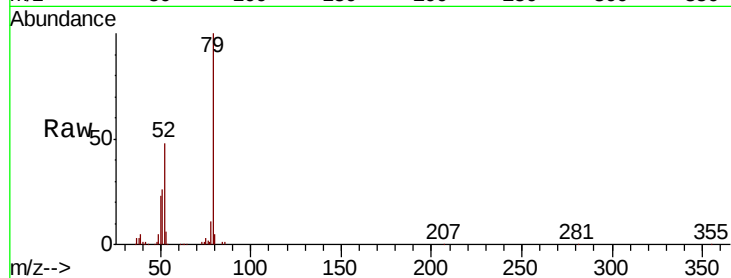
#3
 Pvridine
 Concen: 58.138 ng
 RT: 3.76 min Scan# 115
 Delta R.T. -0.01 min
 Lab File: BG045765.D
 Acq: 15 Jun 2020 14:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		188520		
52	48.0	37.9	56.9		
51	25.8	22.0	33.0		

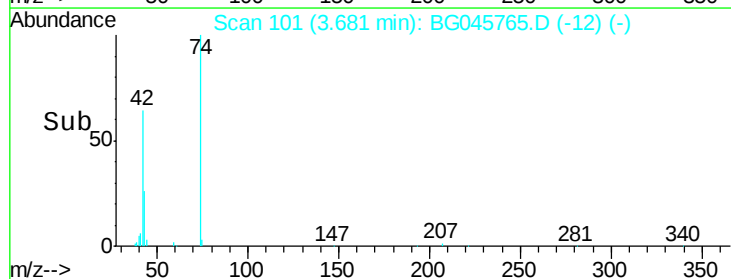
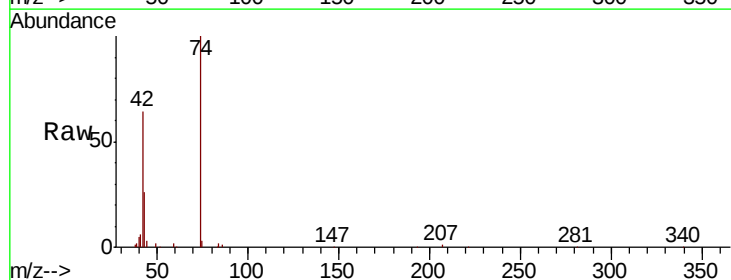
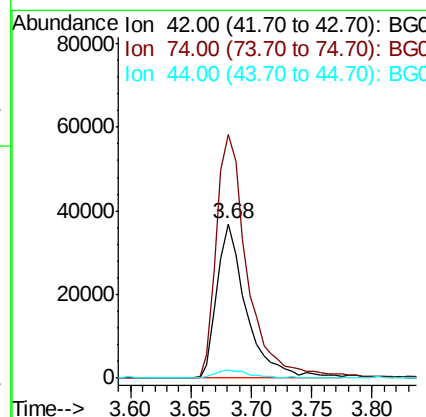
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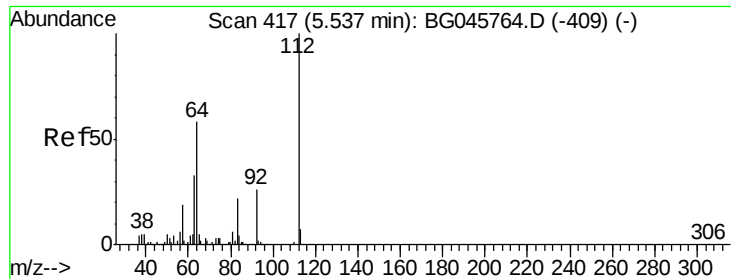
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#4
 n-Nitrosodimethylamine
 Concen: 58.959 ng
 RT: 3.68 min Scan# 101
 Delta R.T. -0.01 min
 Lab File: BG045765.D
 Acq: 15 Jun 2020 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		62561		
74	157.4	121.0	181.4		
44	5.0	3.5	5.3		





#5

2-Fluorophenol

Concen: 117.890 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Instrument :

BNA_G

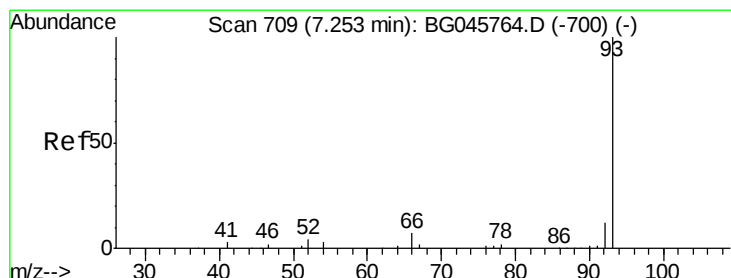
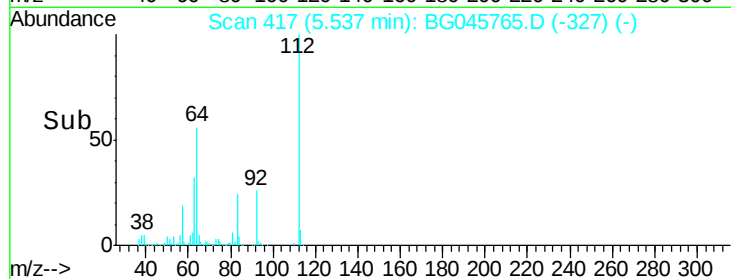
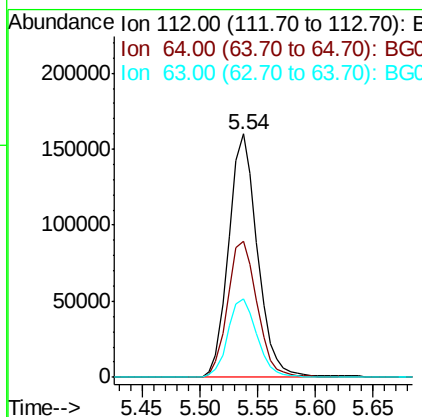
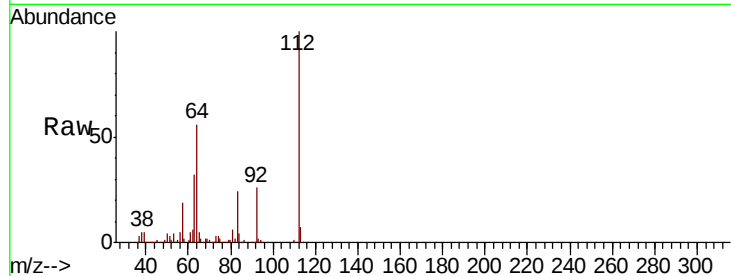
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	276795		
64	56.1	46.6	69.8	
63	32.5	26.3	39.5	

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#6

Aniline

Concen: 57.222 ng

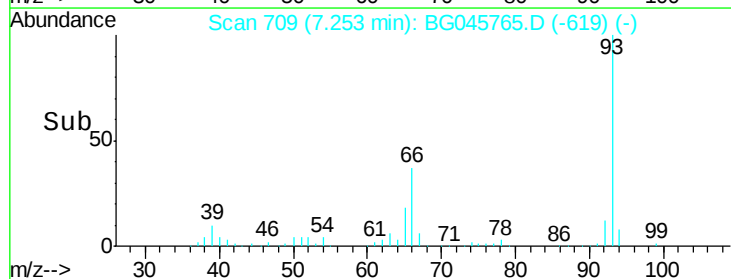
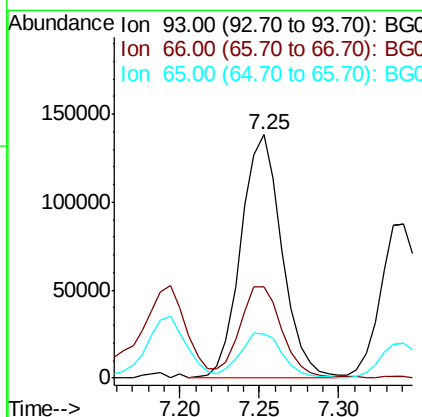
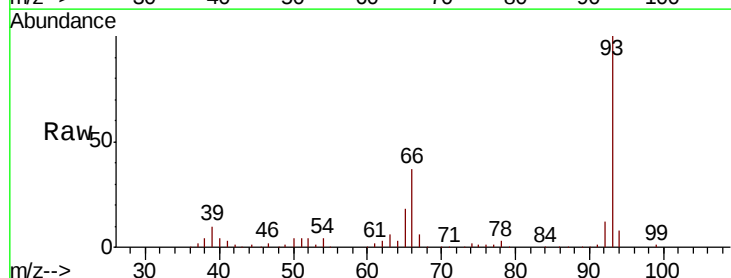
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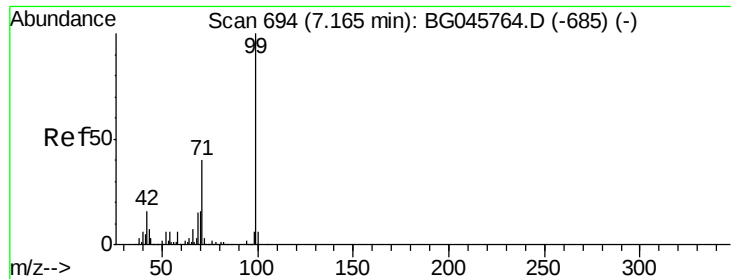
Delta R.T. -0.00 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	249625		
66	37.4	30.0	45.0	
65	18.3	14.7	22.1	





#7

Phenol-d6

Concen: 126.291 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Instrument :

BNA_G

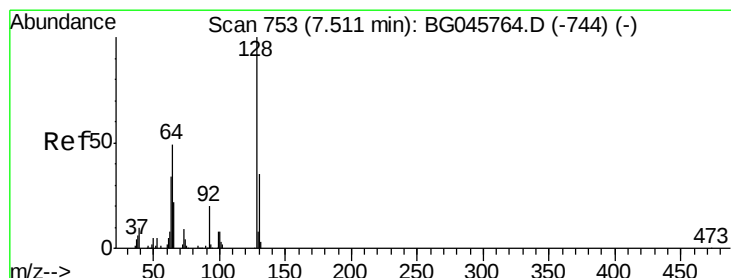
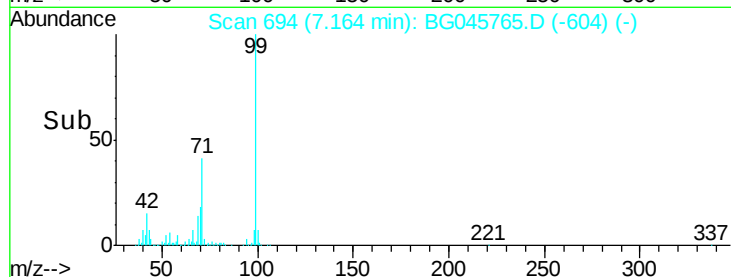
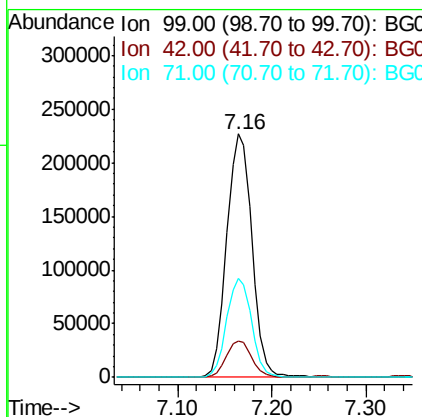
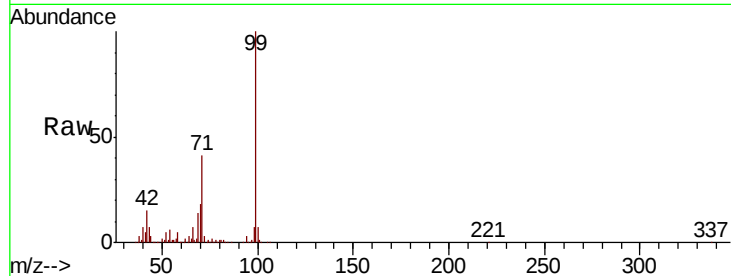
ClientSampleId :

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Tot Ion:	99	Resp:	422036
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.4	18.6
71	40.6	32.1	48.1

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#8

2-Chlorophenol

Concen: 57.325 ng

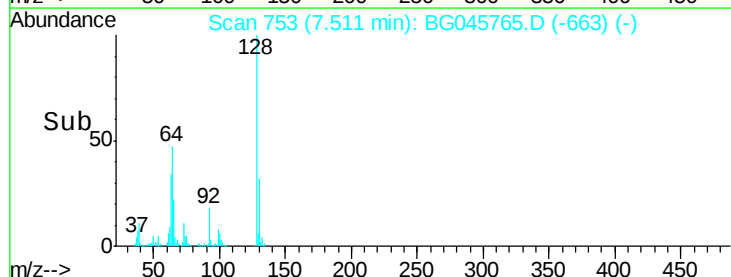
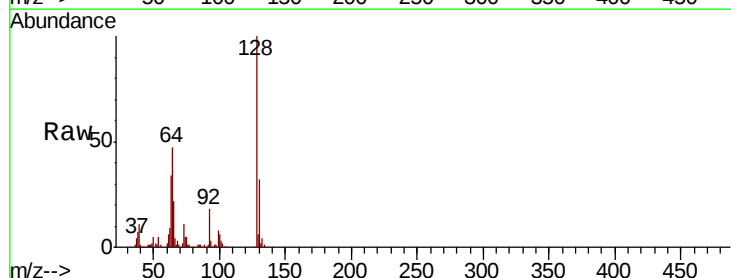
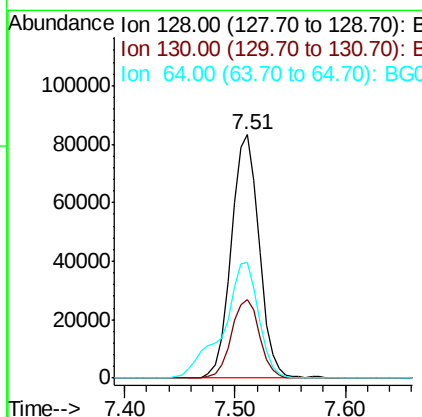
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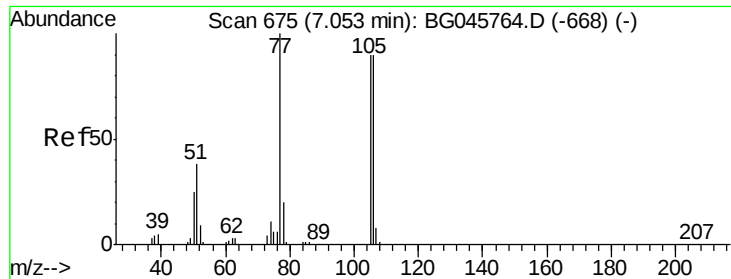
Delta R.T. -0.00 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Tgt Ion:	128	Resp:	147598
Ion	Ratio	Lower	Upper
128	100		
130	32.2	14.5	54.5
64	47.4	31.6	71.6





#9

Benzaldehyde

Concen: 55.063 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG045765.D

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Instrument :

BNA_G

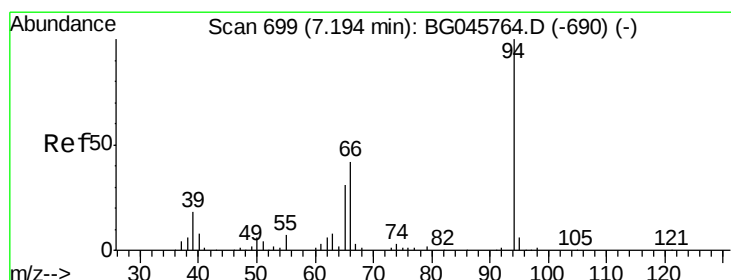
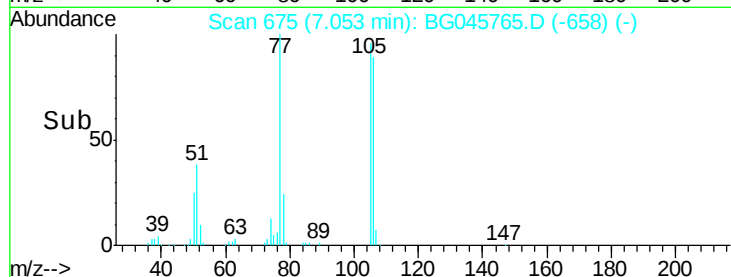
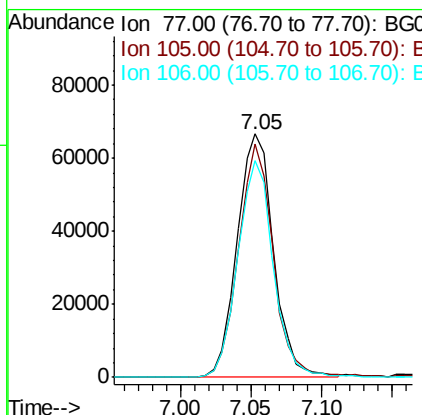
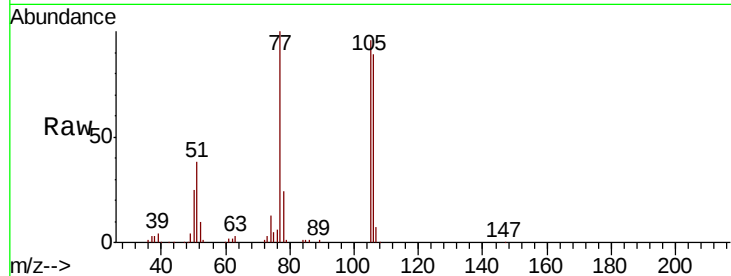
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	95.7	70.4	110.4		
106	89.2	70.2	110.2		

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#10

Phenol

Concen: 58.586 ng

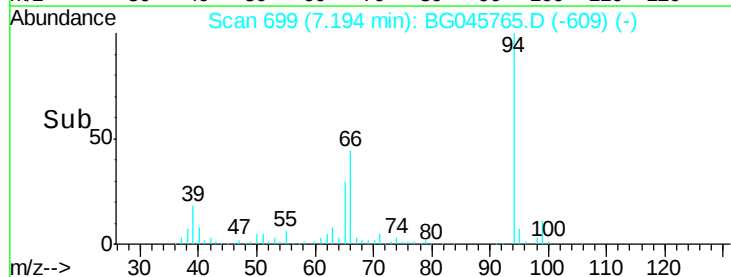
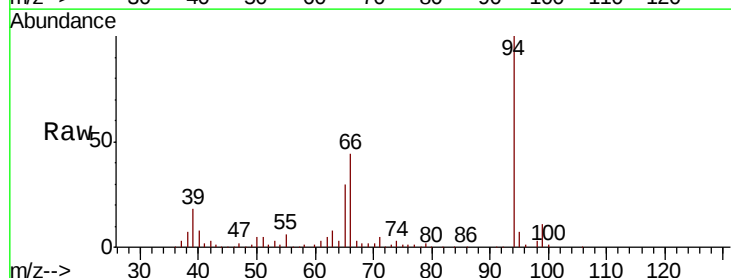
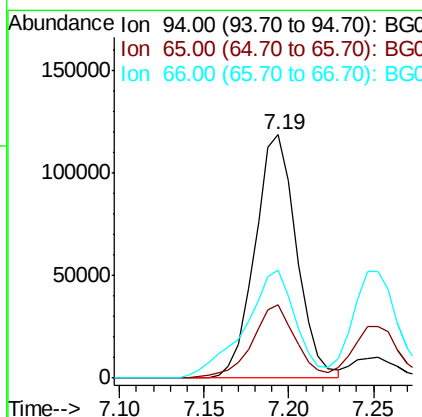
RT: 7.19 min Scan# 699

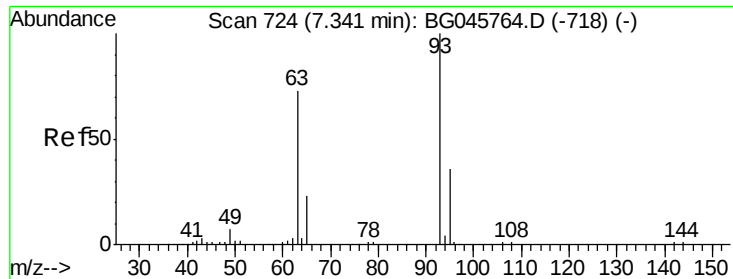
Delta R.T. -0.00 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.9	10.7	50.7		
66	44.2	22.5	62.5		





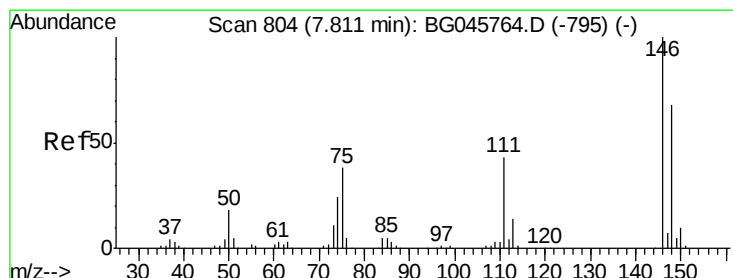
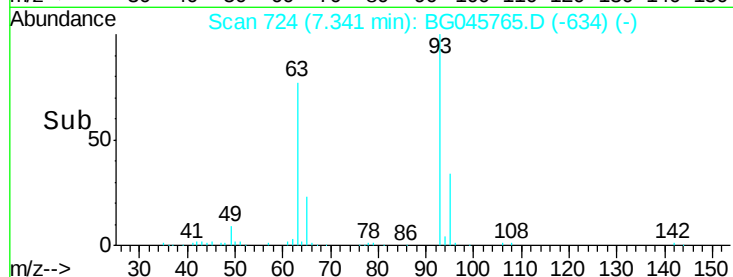
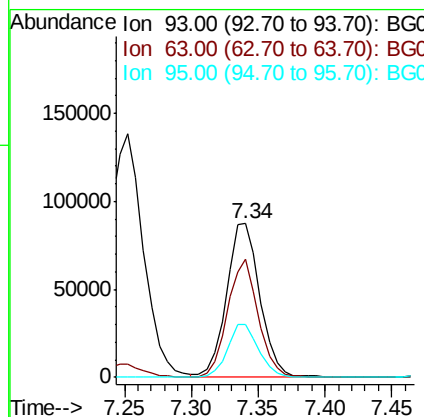
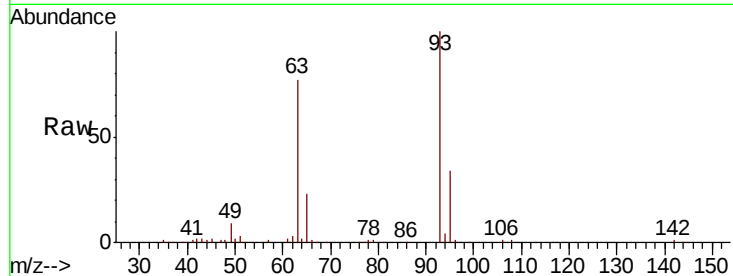
#11
bis(2-Chloroethyl)ether
Concen: 56.531 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion:	93	Resp:	151866
Ion	Ratio	Lower	Upper
93	100		
63	76.8	52.0	92.0
95	34.3	15.6	55.6

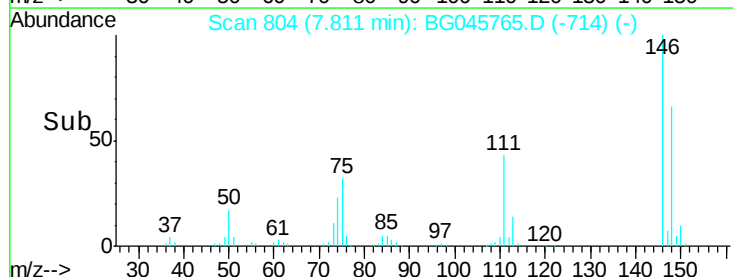
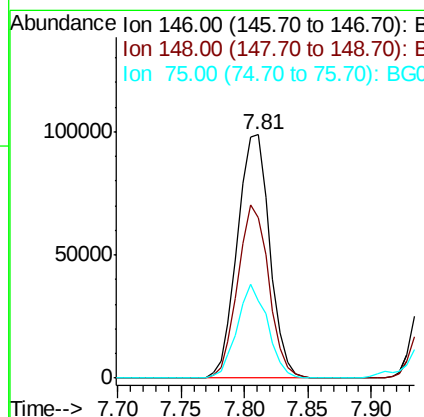
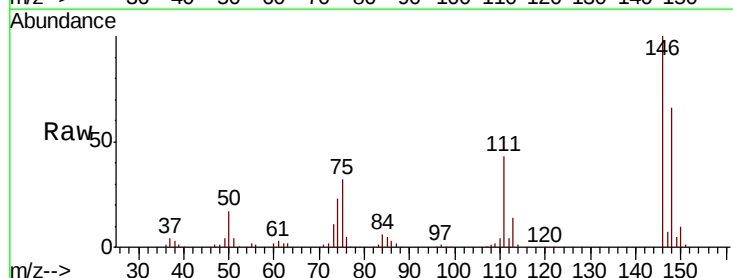
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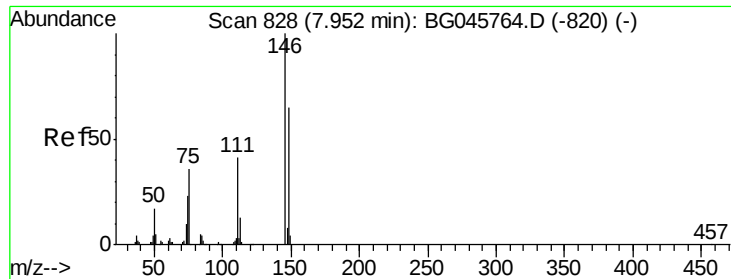
mohammad
6/16/2020 11:06:12 AM



#12
1,3-Dichlorobenzene
Concen: 56.652 ng
RT: 7.81 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion:	146	Resp:	175289
Ion	Ratio	Lower	Upper
146	100		
148	65.9	54.2	81.4
75	31.9	30.1	45.1





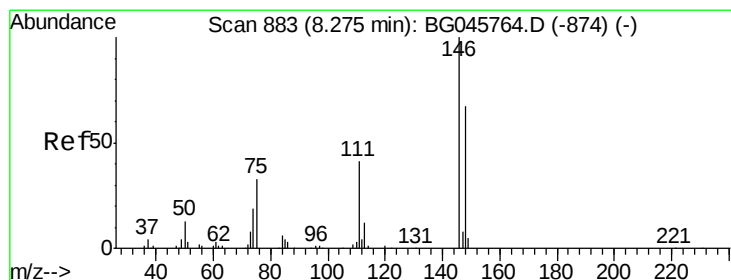
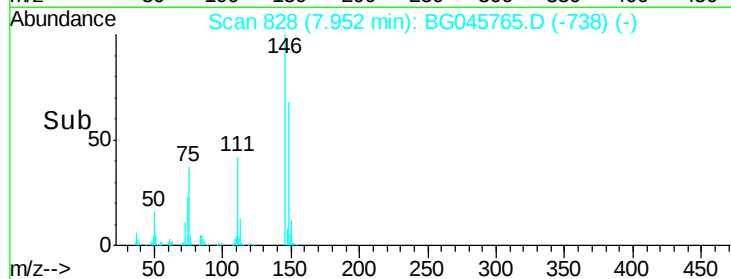
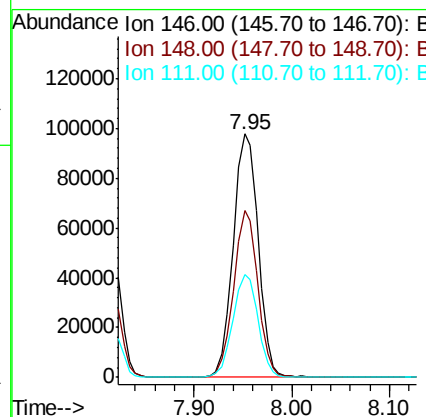
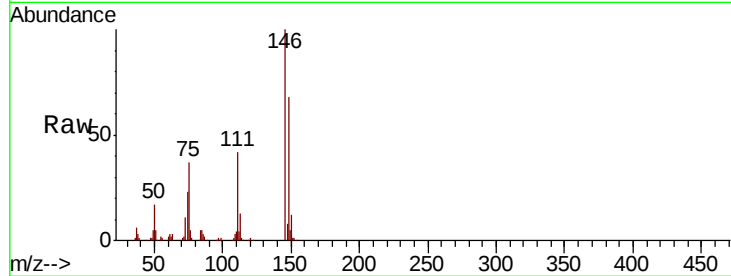
#13
 1,4-Dichlorobenzene
 Concen: 56.915 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG045765.D
 Acq: 15 Jun 2020 14:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.3	51.8	77.6
111	42.3	32.8	49.2

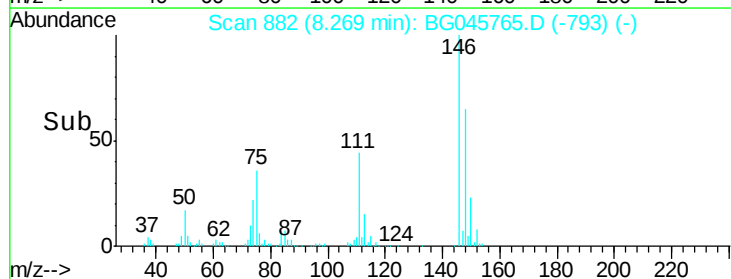
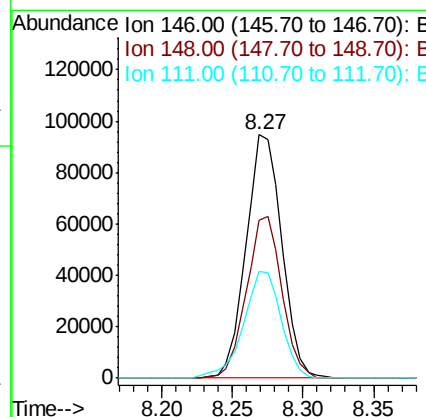
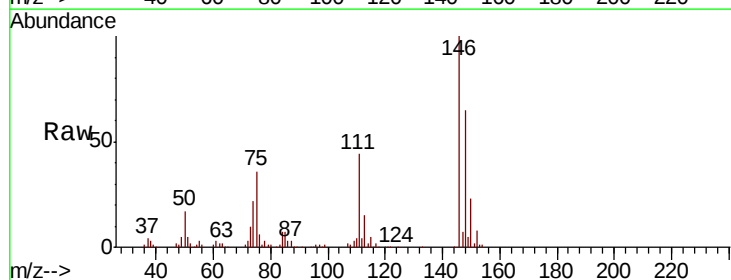
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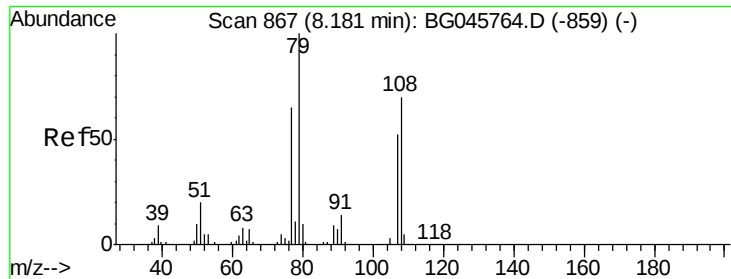
mohammad
 6/16/2020 11:06:12 AM



#14
 1,2-Dichlorobenzene
 Concen: 57.350 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BG045765.D
 Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	54.1	81.1
111	43.9	32.9	49.3





#15

Benzyl Alcohol

Concen: 60.132 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.00 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Instrument :

BNA_G

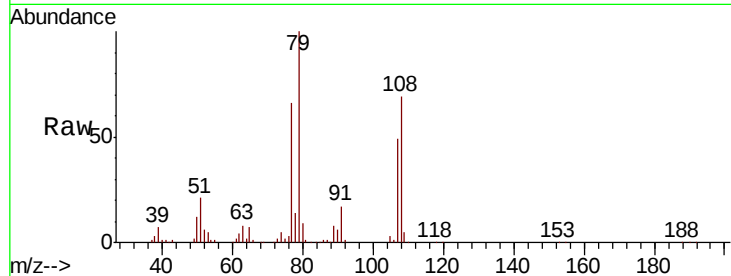
ClientSampleId :

SSTDIC050

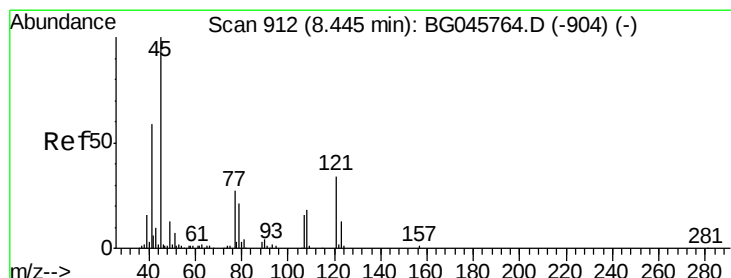
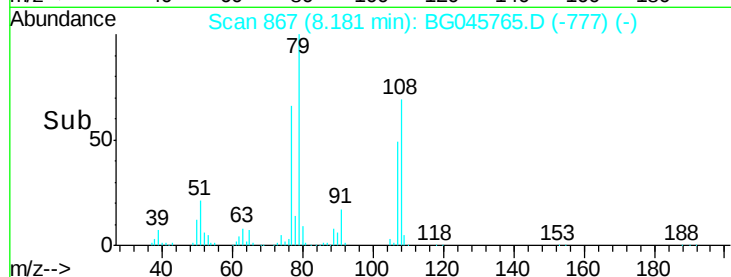
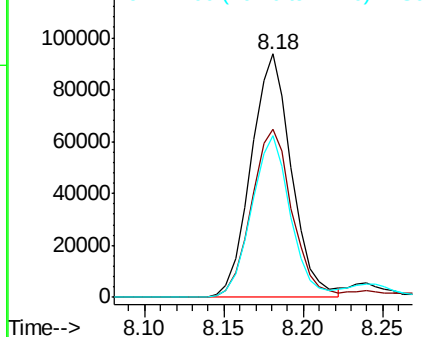
Tot Ion:	79	Resp:	166001
Ion	Ratio	Lower	Upper
79	100		
108	68.8	56.2	84.4
77	66.4	52.2	78.2

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 54.892 ng

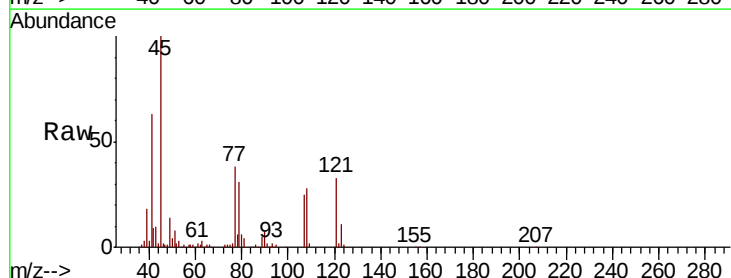
RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

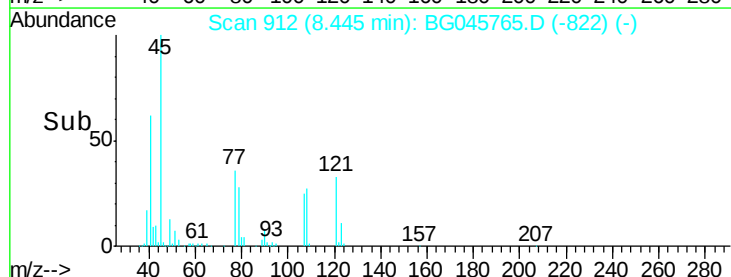
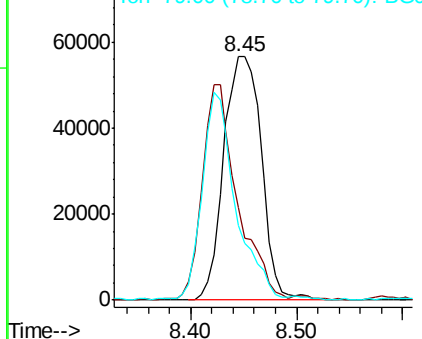
Lab File: BG045765.D

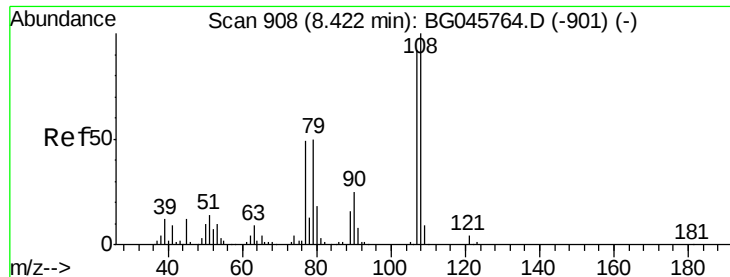
Acq: 15 Jun 2020 14:57

Tgt Ion:	45	Resp:	139977
Ion	Ratio	Lower	Upper
45	100		
77	38.2	14.9	54.9
79	30.9	9.2	49.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





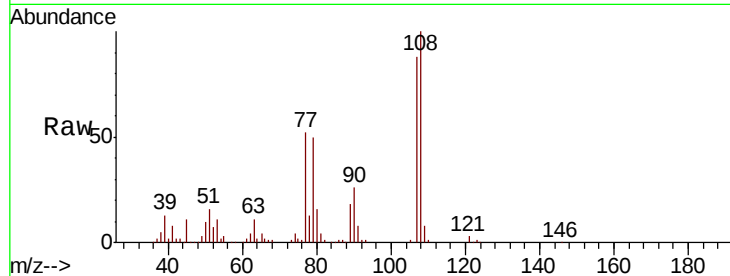
#17
2-Methylphenol
Concen: 58.402 ng
RT: 8.42 min Scan# 908
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	87.4	131.0	
77	59.4	42.5	63.7	
79	57.4	44.0	66.0	

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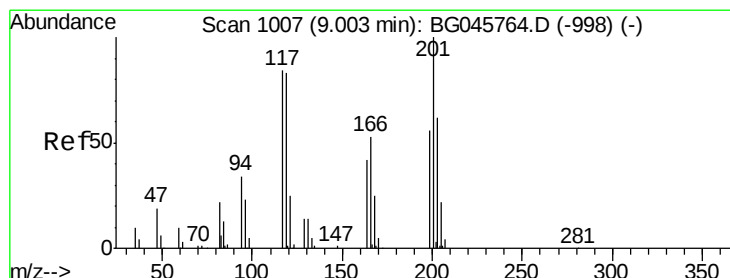
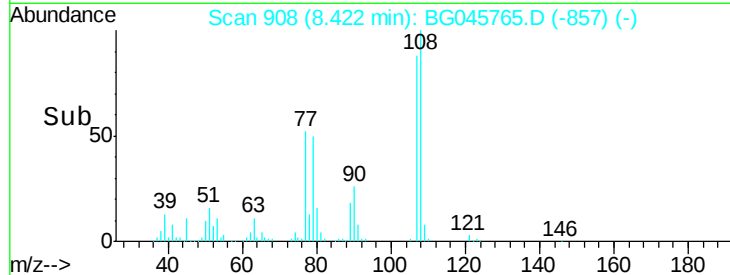
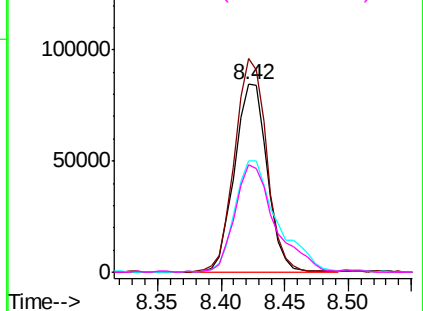
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

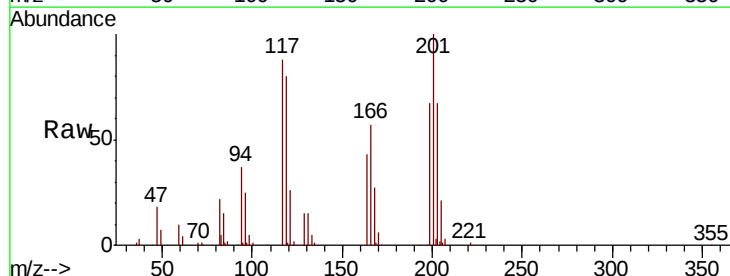
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 56.463 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.3	78.9	118.3	
201	113.5	95.5	143.3	

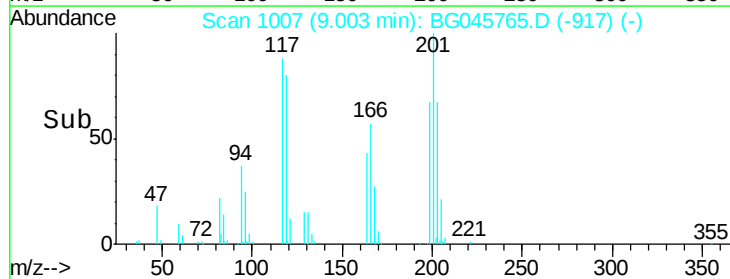
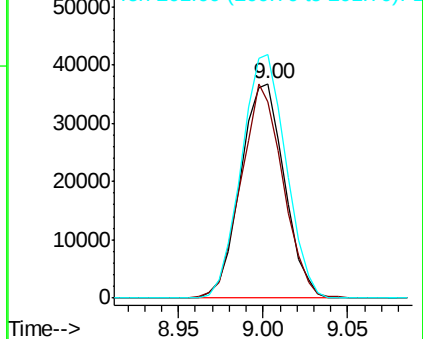


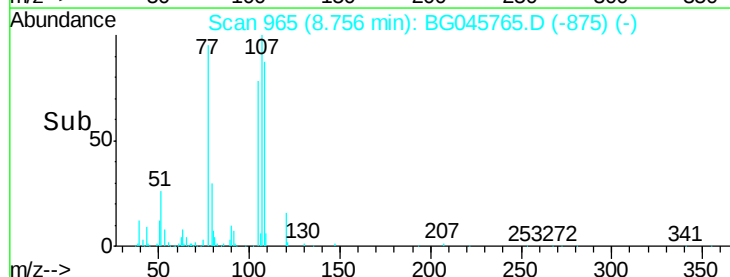
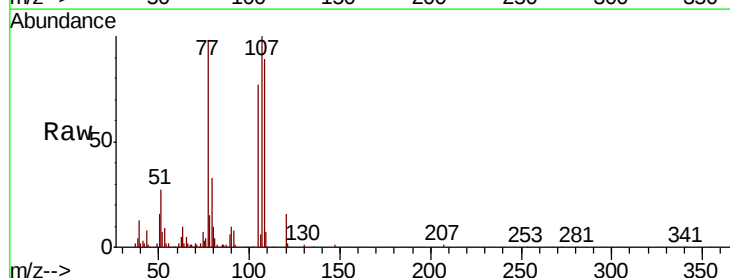
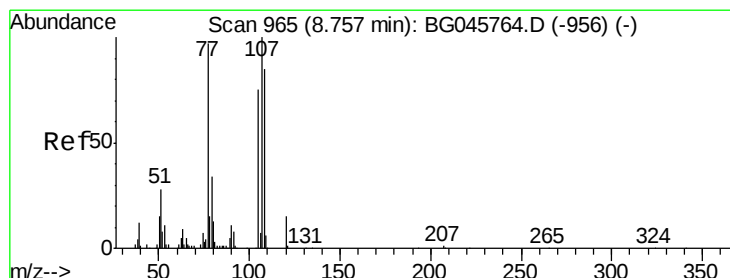
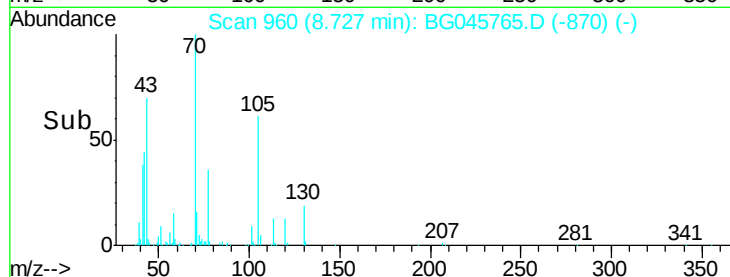
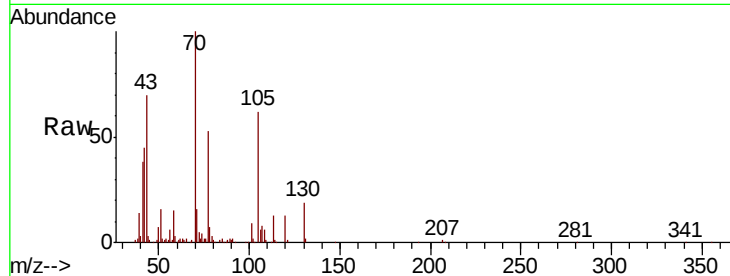
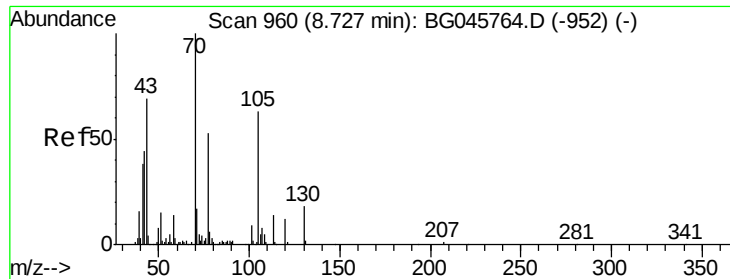
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

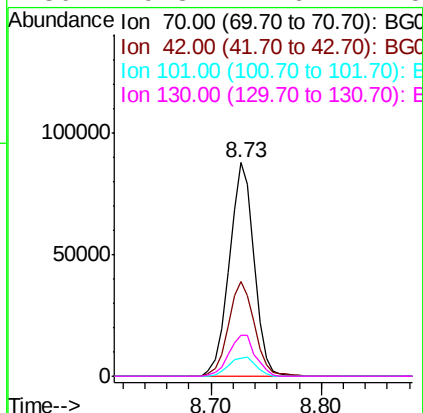
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 59.526 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.5	35.1	52.7
101	8.7	7.4	11.0
130	19.3	14.6	21.8



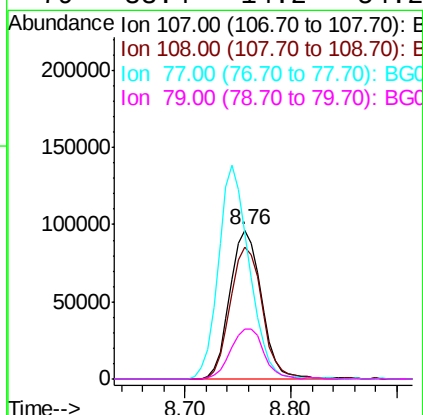
Instrument :
BNA_G
ClientSampleId :
SSTDIC050

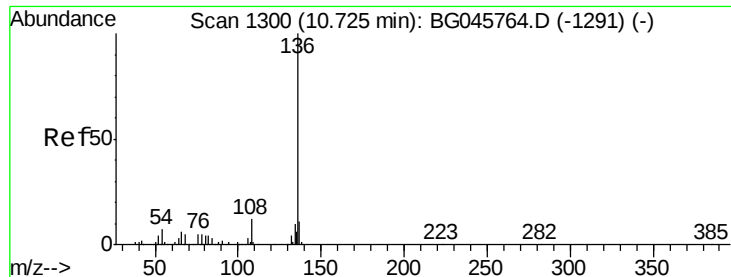
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#20
3+4-Methylphenols
Concen: 57.128 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	65.4	105.4
77	98.4	77.2	117.2
79	33.4	14.2	54.2





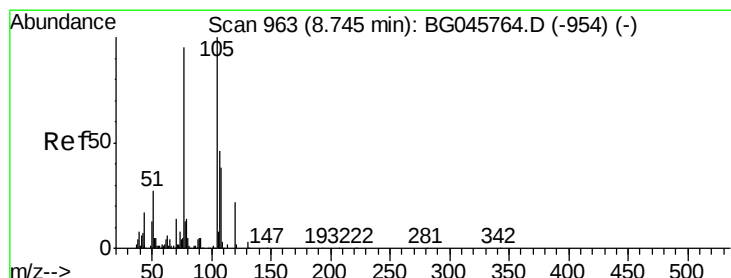
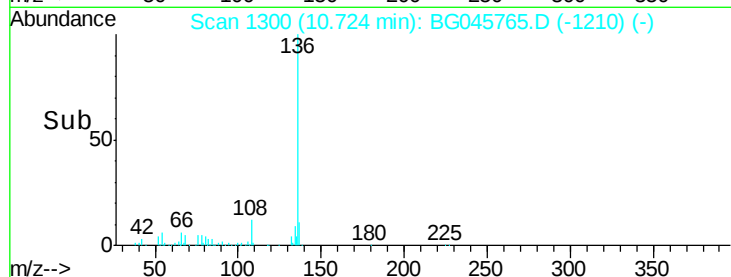
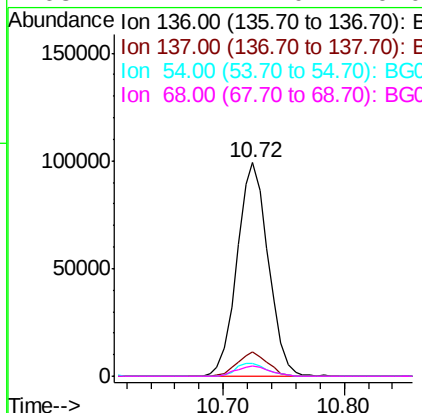
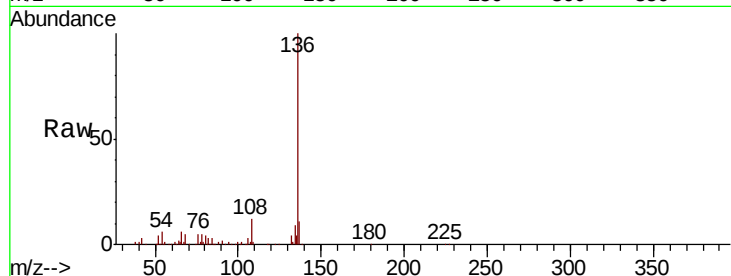
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100	178080		
137	11.3		8.7	13.1
54	5.9		5.8	8.6
68	4.7		4.0	6.0

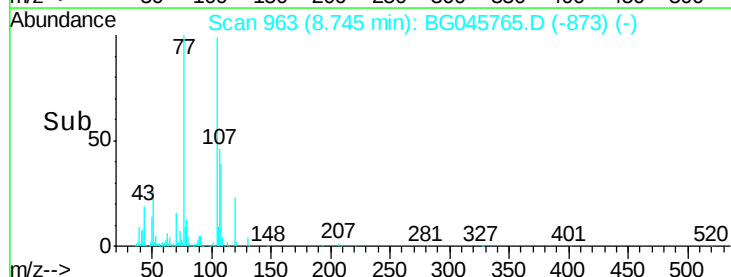
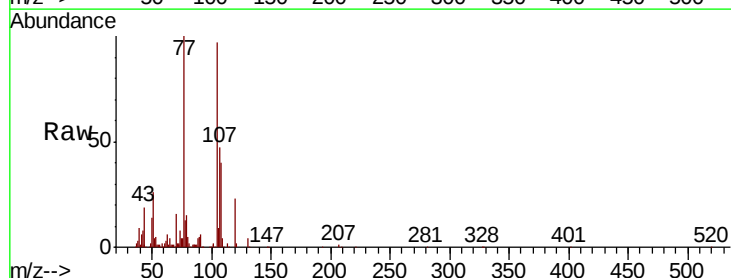
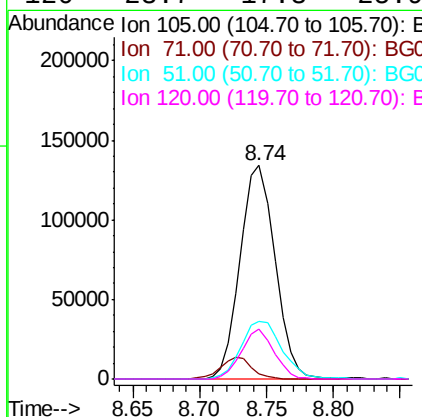
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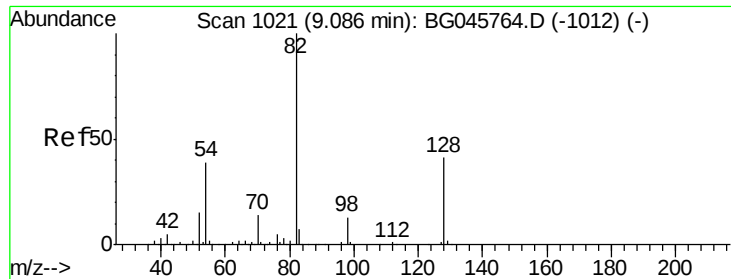
mohammad
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#22
Acetophenone
Concen: 58.004 ng
RT: 8.74 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	244818		
71	2.5		1.8	2.8
51	27.1		21.9	32.9
120	23.7		17.3	25.9





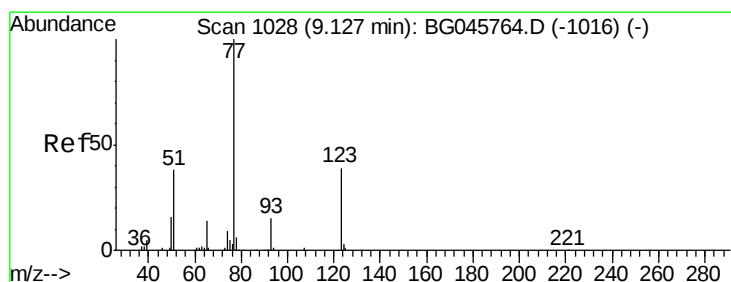
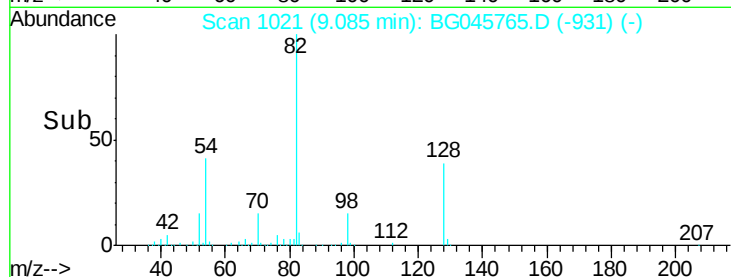
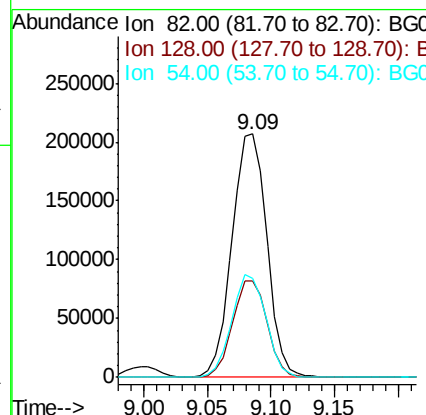
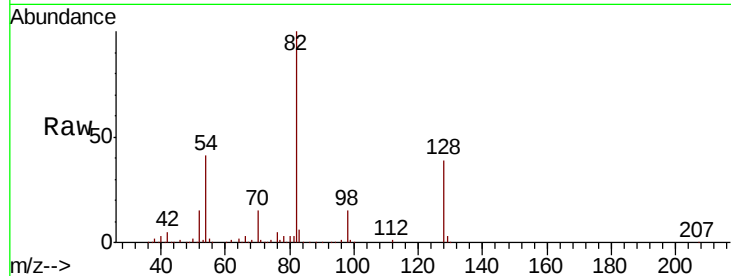
#23
Nitrobenzene-d5
Concen: 120.579 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.4	32.5	48.7	
54	40.8	31.2	46.8	

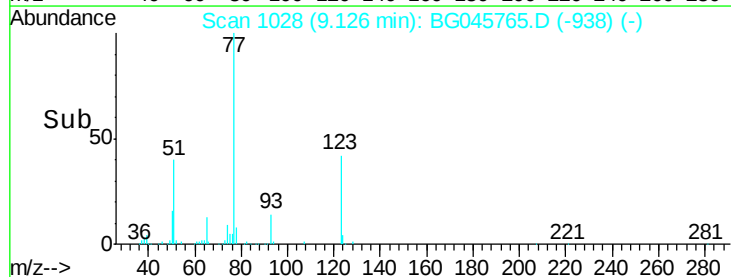
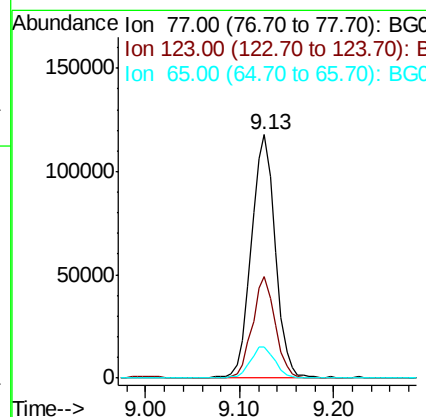
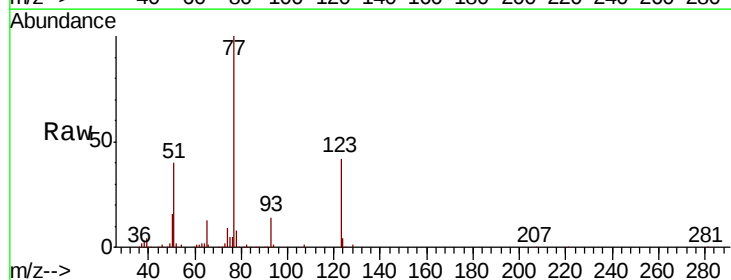
Manual Integrations
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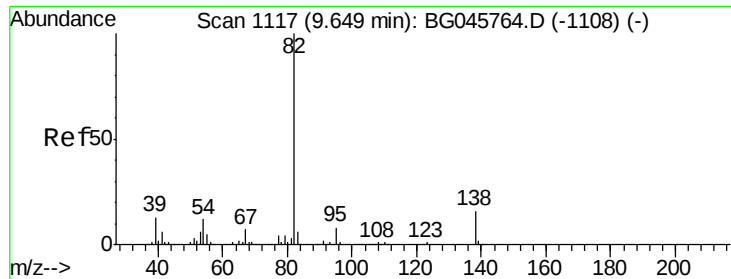
mohammad
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#24
Nitrobenzene
Concen: 59.471 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.7	31.2	46.8	
65	12.9	11.4	17.2	





#25

Isophorone

Concen: 59.859 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Instrument :

BNA_G

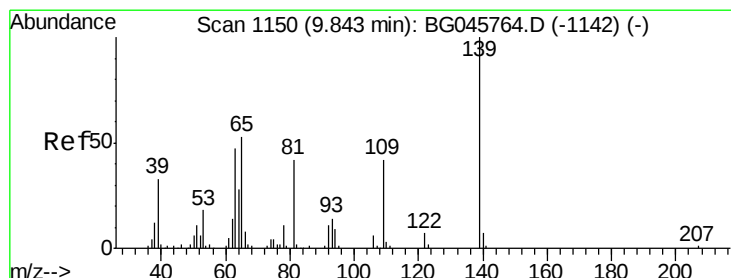
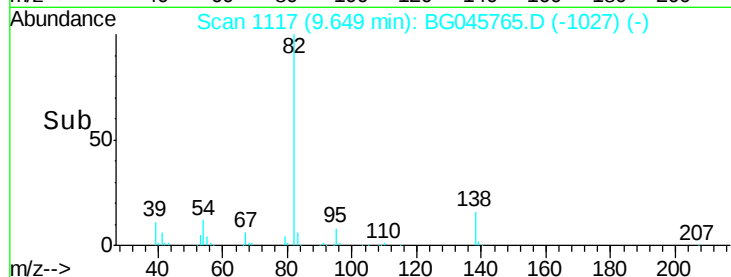
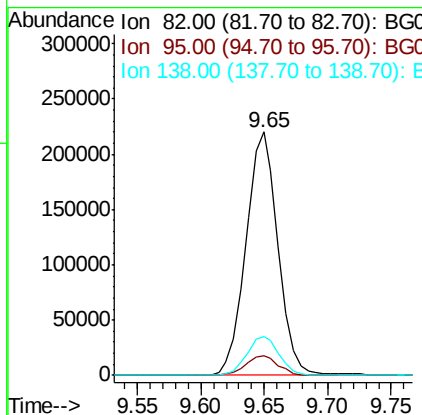
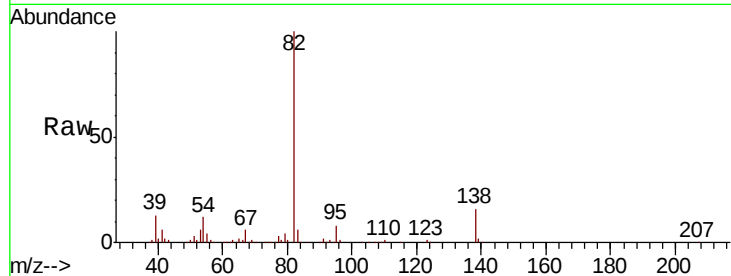
ClientSampleId :

SSTDICC050

Tot Ion:	82	Resp:	384970
Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.2	9.4
138	16.1	12.6	18.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 59.854 ng

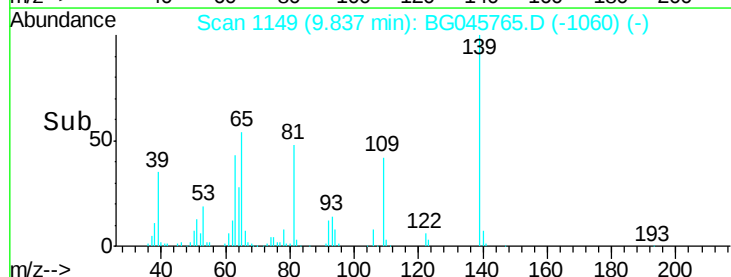
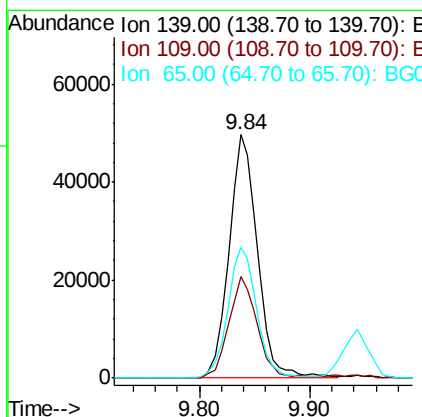
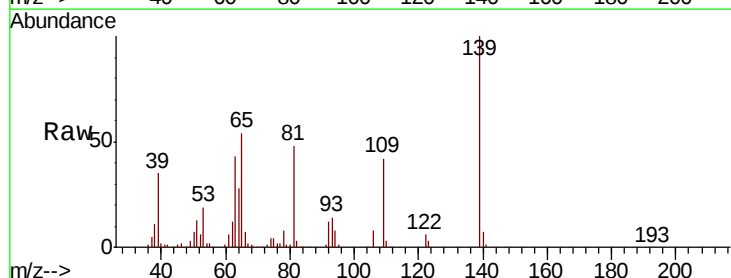
RT: 9.84 min Scan# 1149

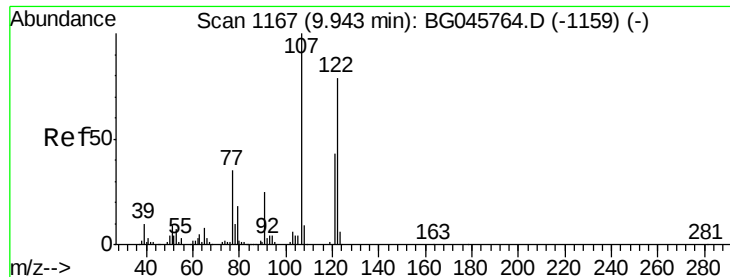
Delta R.T. -0.01 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Tgt Ion:	139	Resp:	89584
Ion	Ratio	Lower	Upper
139	100		
109	41.9	33.5	50.3
65	54.0	42.2	63.4





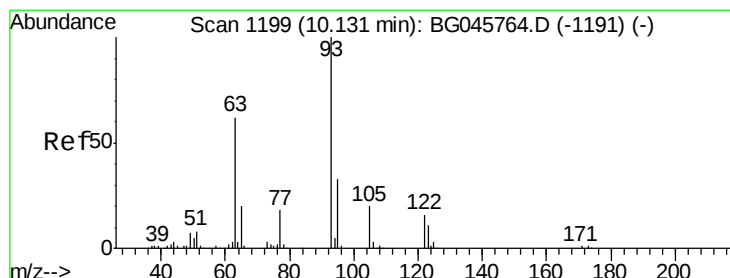
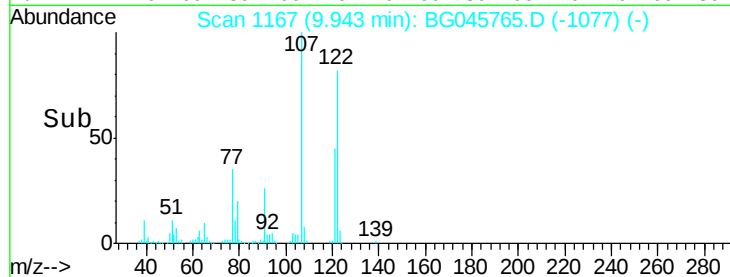
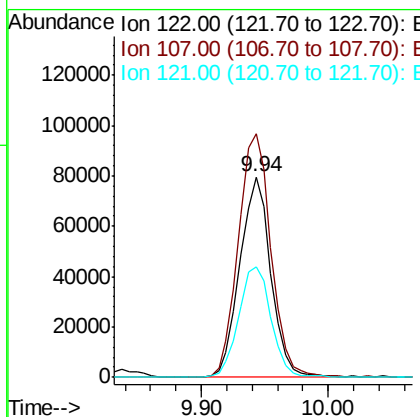
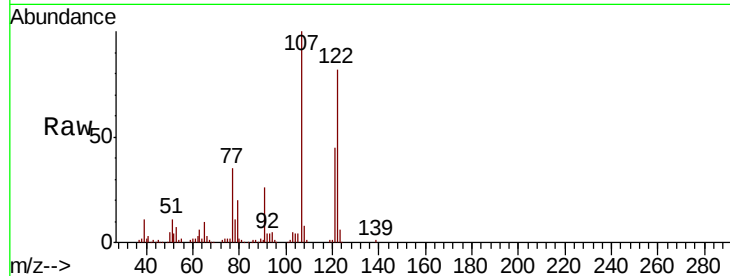
#27
 2,4-Dimethylphenol
 Concen: 60.942 ng
 RT: 9.94 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BG045765.D
 Acq: 15 Jun 2020 14:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	121.5	101.3	151.9		
121	55.0	43.9	65.9		

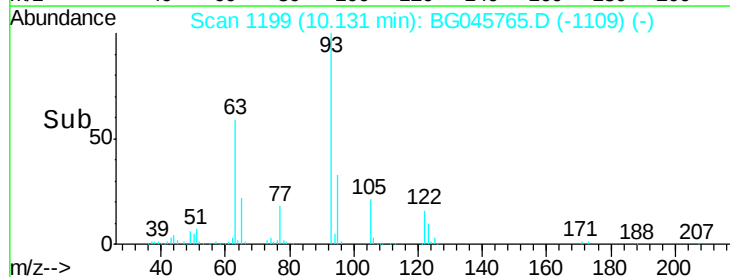
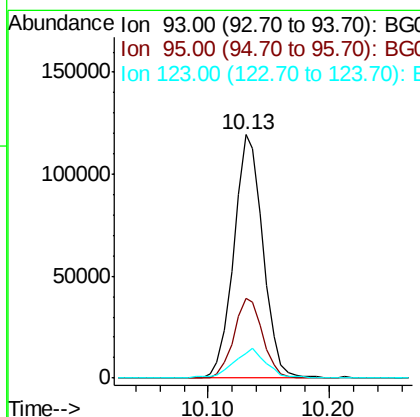
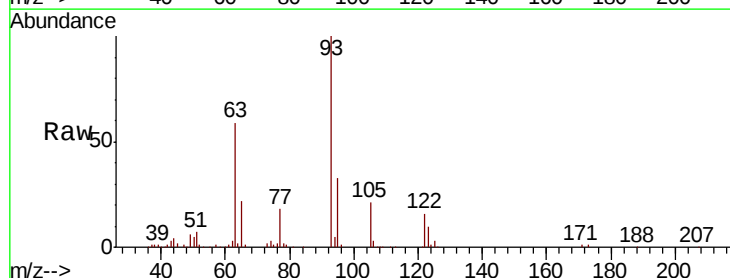
Manual Integrations
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#28
 bis(2-Chloroethoxy)methane
 Concen: 59.288 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BG045765.D
 Acq: 15 Jun 2020 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.6	26.3	39.5		
123	10.2	9.3	13.9		





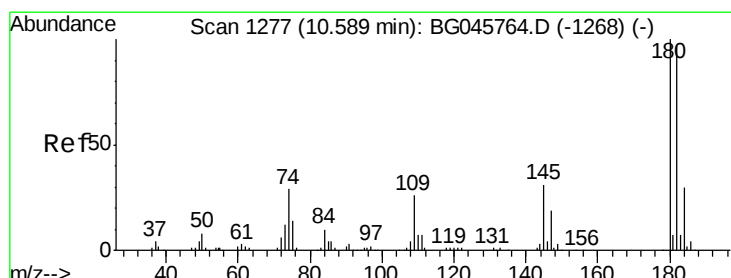
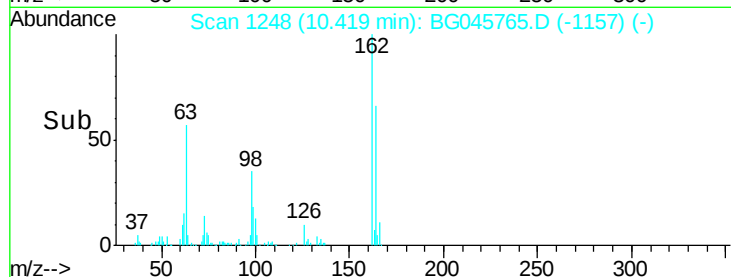
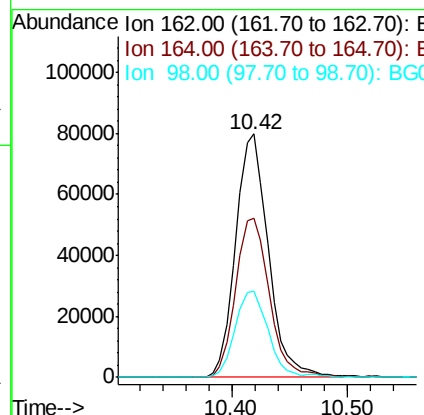
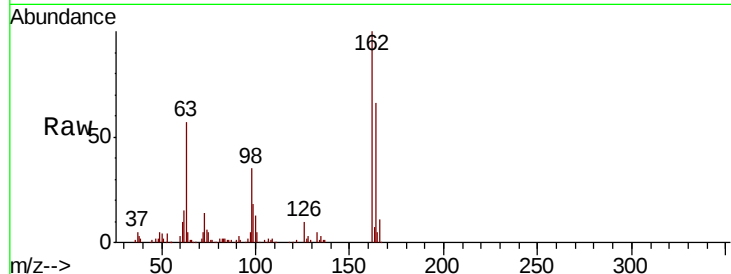
#29
2,4-Dichlorophenol
Concen: 59.823 ng
RT: 10.42 min Scan# 1248
Delta R.T. 0.01 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.5	43.3	83.3
98	35.2	15.5	55.5

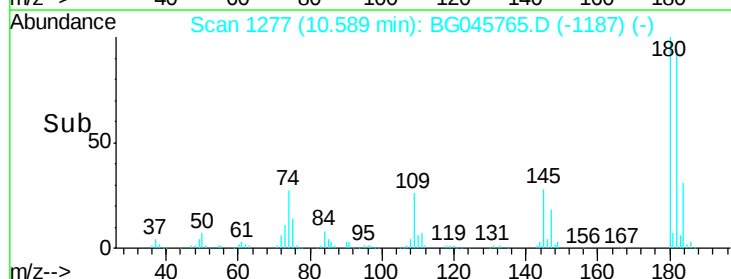
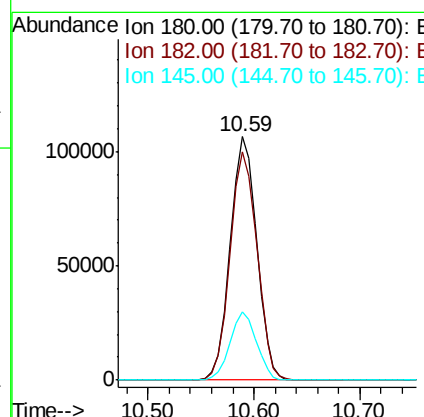
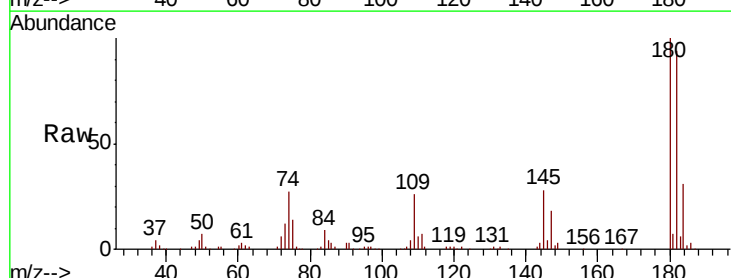
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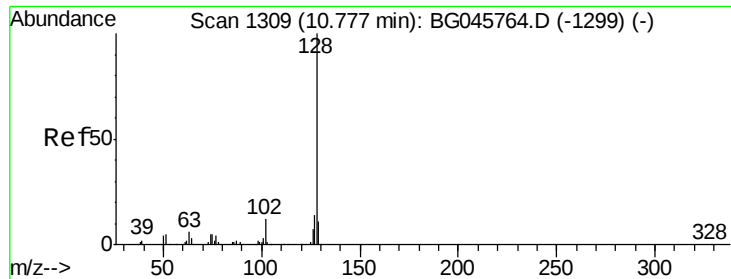
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 59.698 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.8	77.8	116.6
145	27.9	24.5	36.7





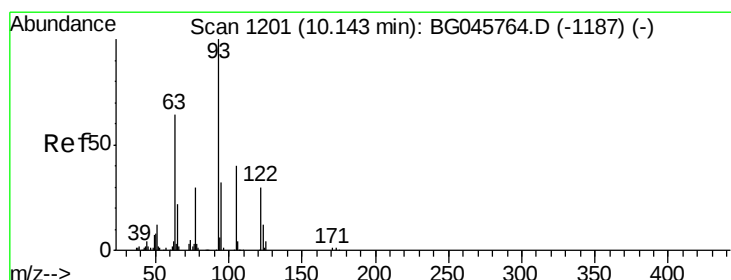
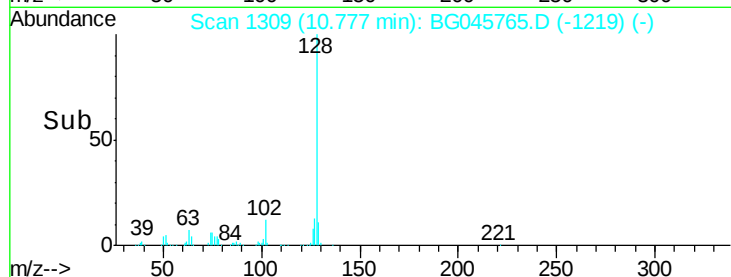
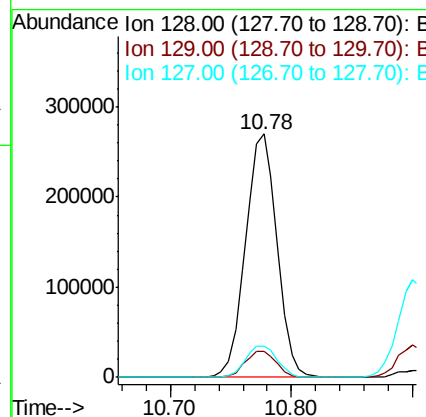
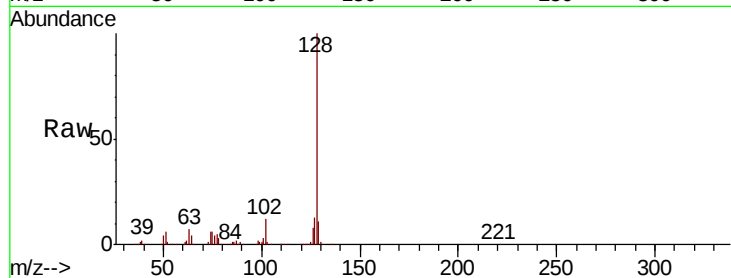
#31
Naphthalene
Concen: 59.029 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	8.6	13.0	
127	13.0	10.9	16.3	

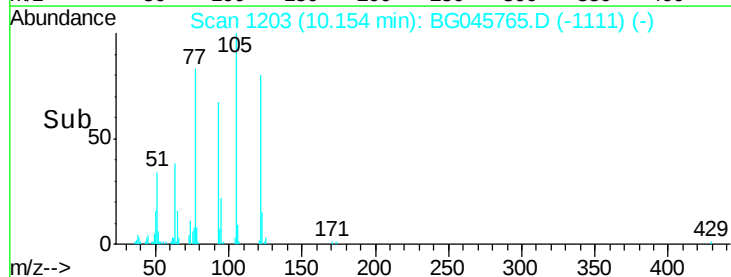
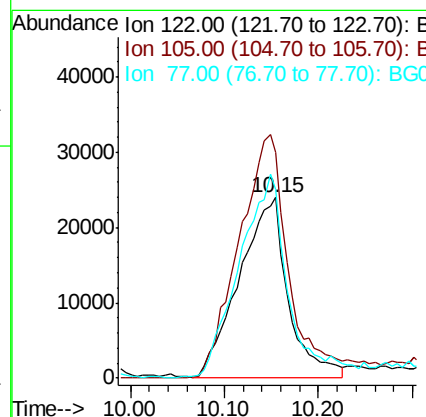
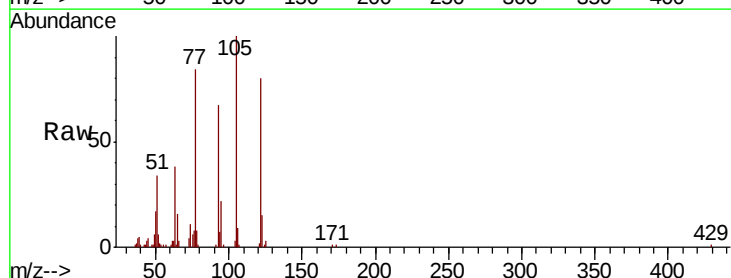
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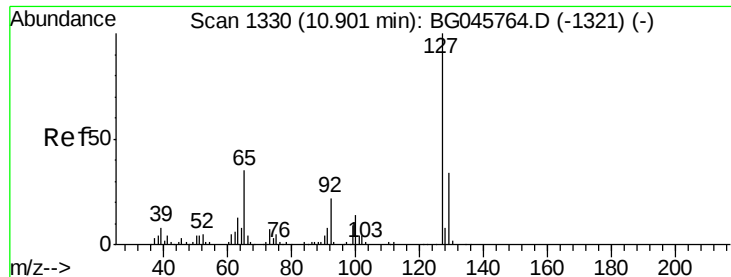
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#32
Benzoic acid
Concen: 65.275 ng
RT: 10.15 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	124.8	112.9	152.9	
77	104.6	79.2	119.2	





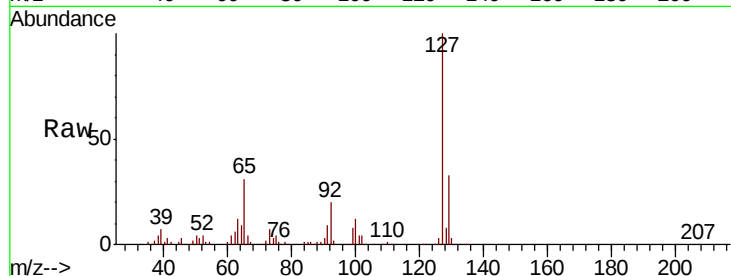
#33
4-Chloroaniline
Concen: 60.357 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
127	100	209364		
129	32.6		26.8	40.2
65	30.9		27.8	41.8
92	20.4		17.3	25.9

Manual Integrations
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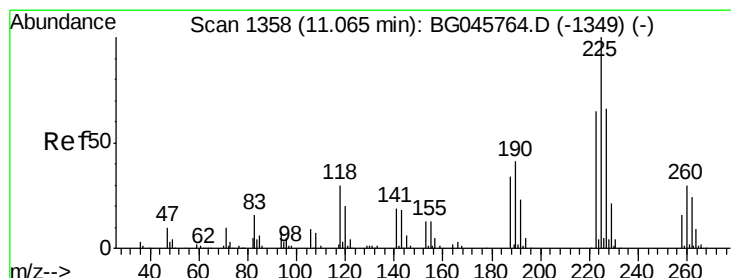
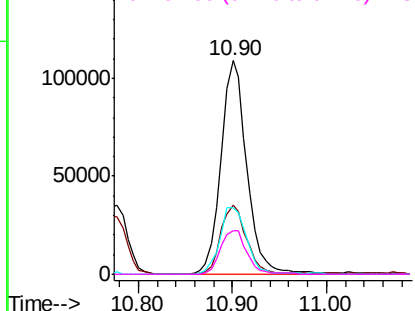
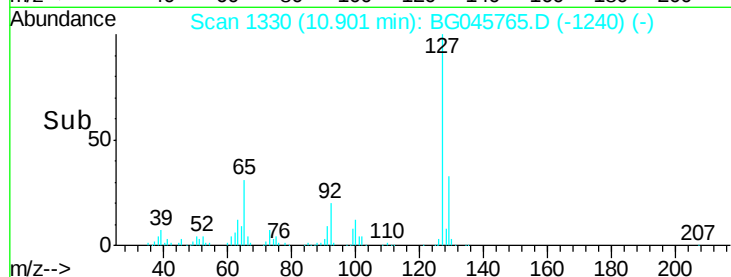
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

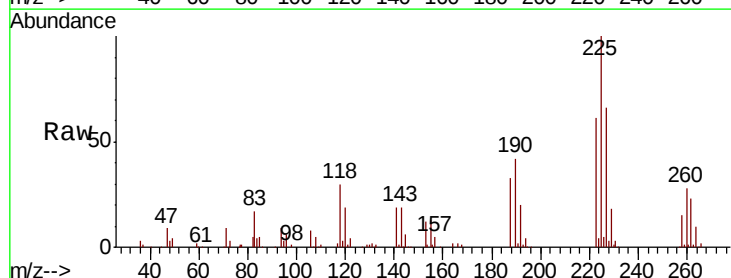
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 59.470 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	130214		
223	61.5		52.0	78.0
227	66.3		52.5	78.7

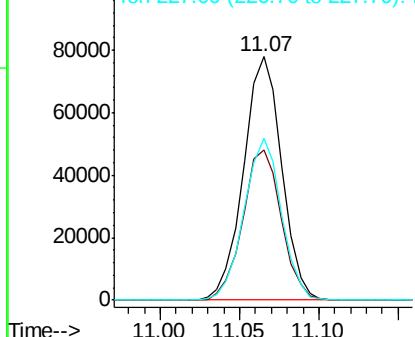
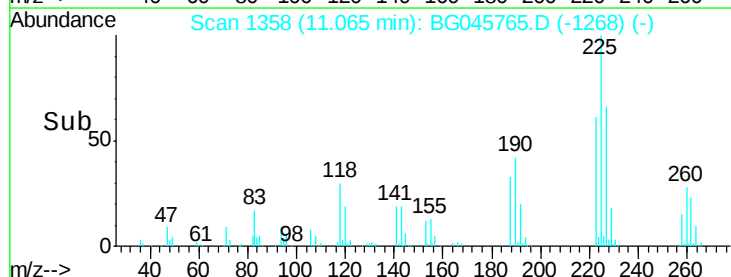


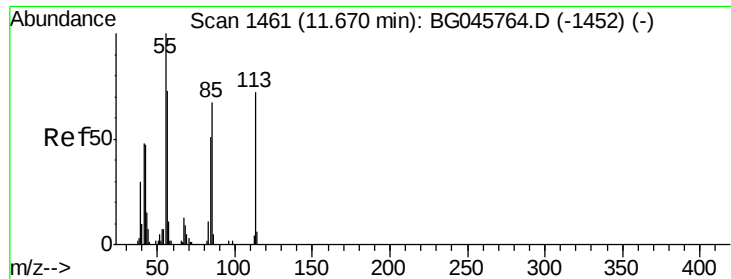
Abundance

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





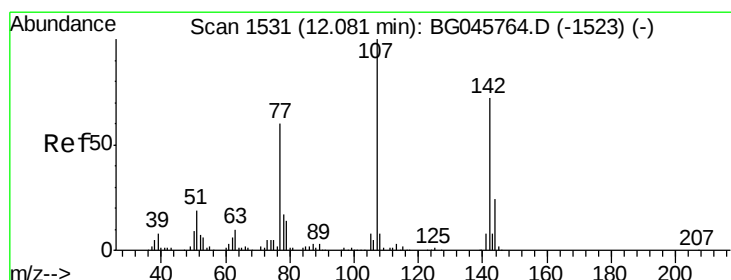
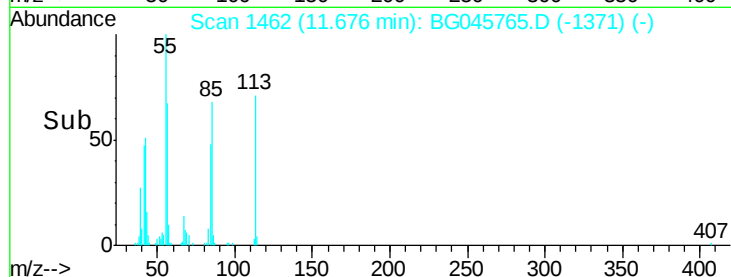
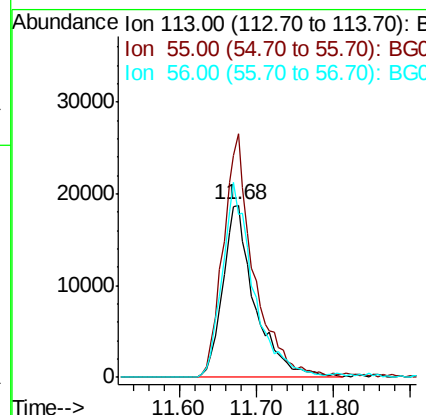
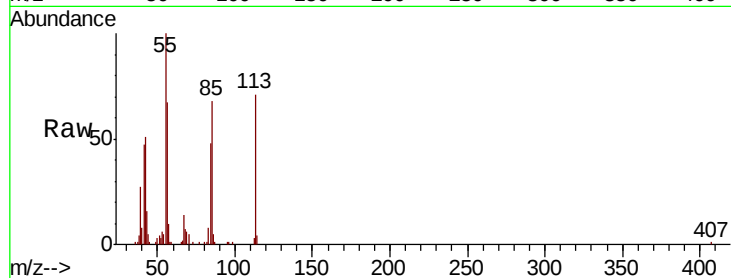
#35
Caprolactam
Concen: 56.216 ng
RT: 11.68 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
113	100		
55	141.3	119.7	159.7
56	95.0	82.5	122.5

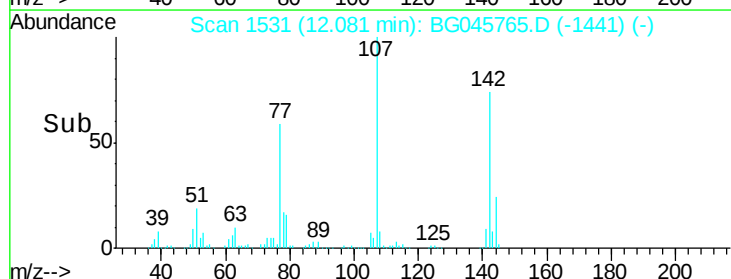
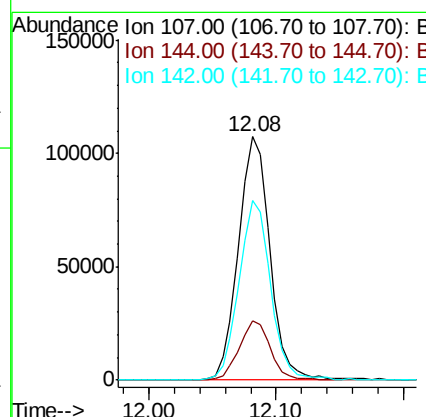
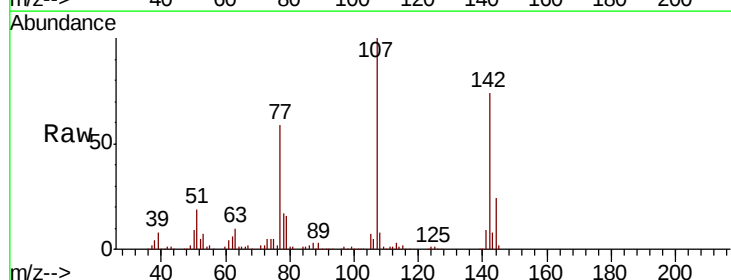
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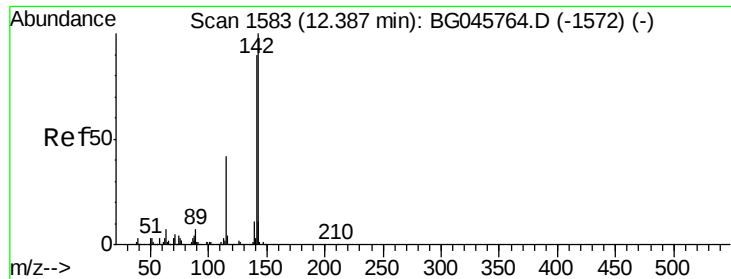
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#36
4-Chloro-3-methylphenol
Concen: 62.549 ng
RT: 12.08 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.5	29.3
142	73.7	57.4	86.0





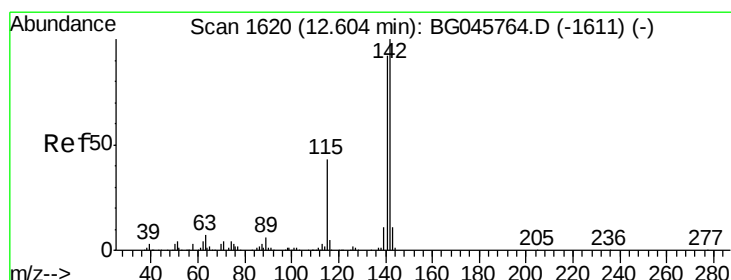
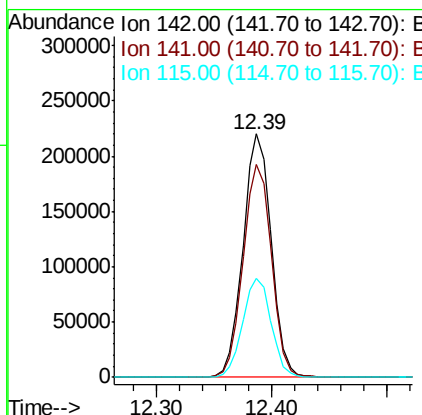
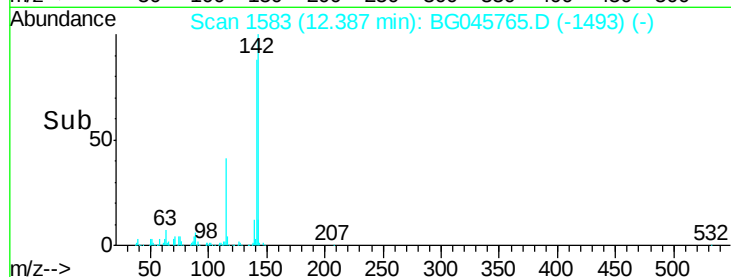
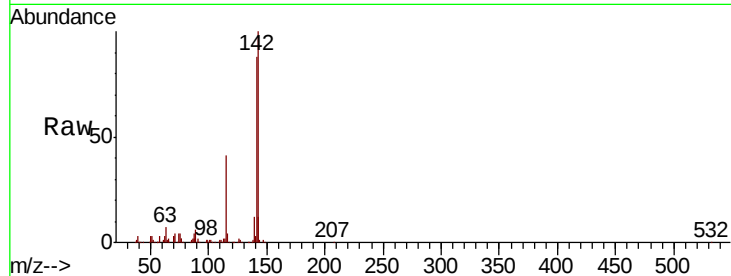
#37
2-Methylnaphthalene
Concen: 60.373 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.7	107.5
115	40.9	33.8	50.6

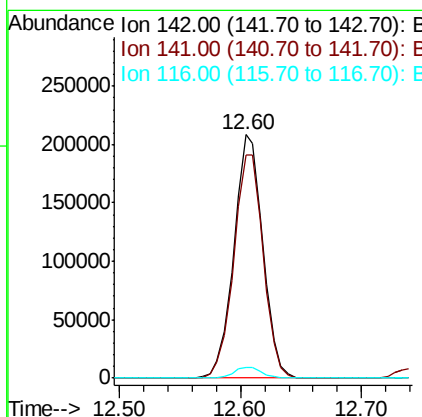
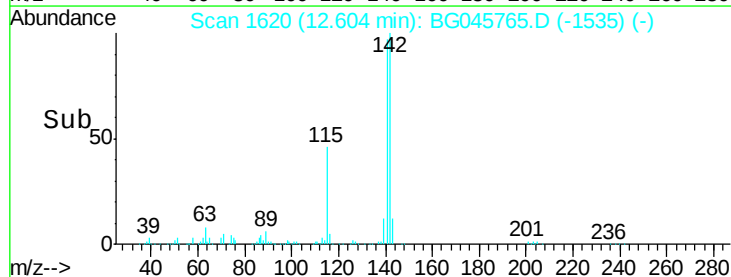
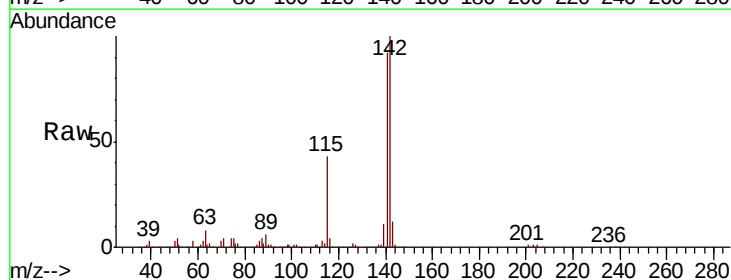
Manual Integrations
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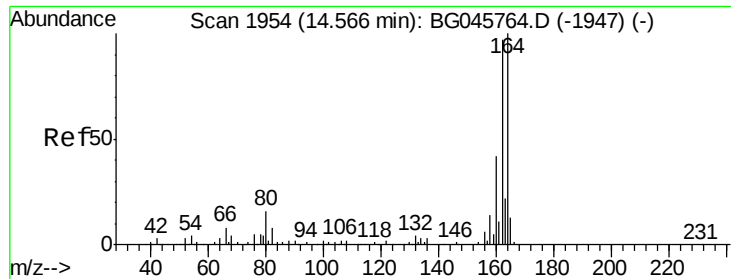
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#38
1-Methylnaphthalene
Concen: 59.226 ng
RT: 12.60 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.8	110.8
116	4.3	3.8	5.8





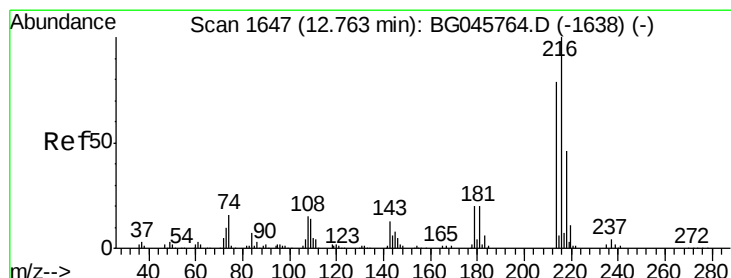
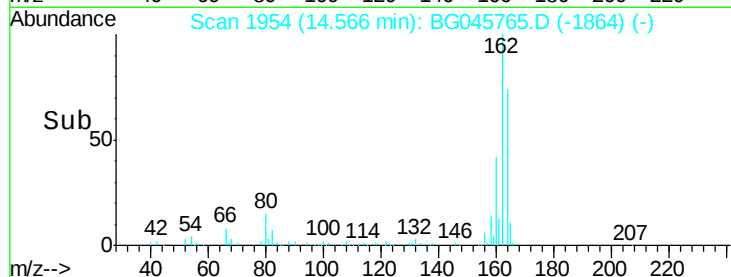
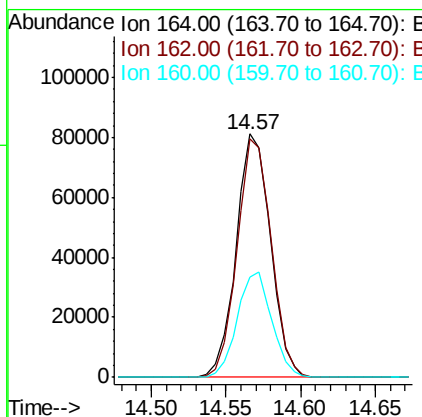
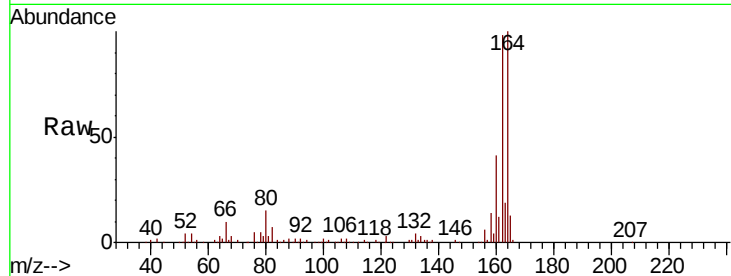
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.8	77.4	116.0
160	41.3	33.3	49.9

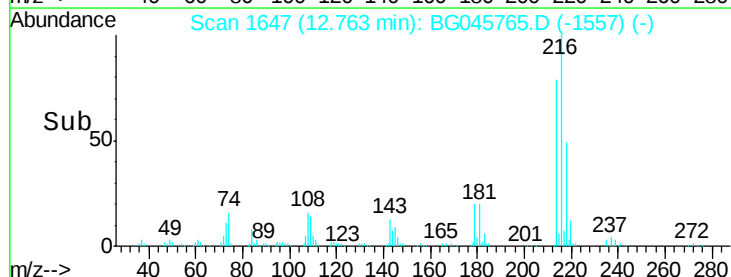
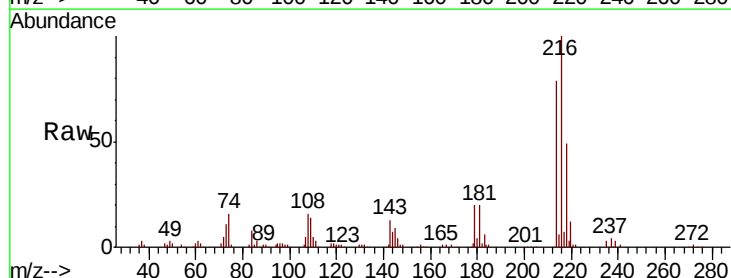
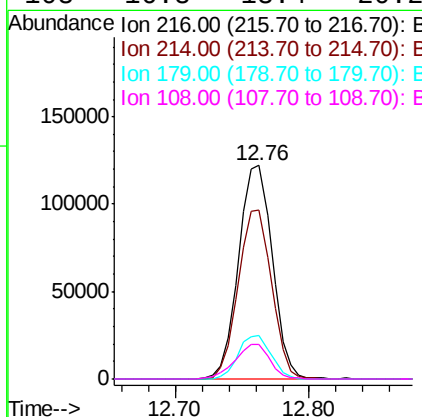
Manual Integrations
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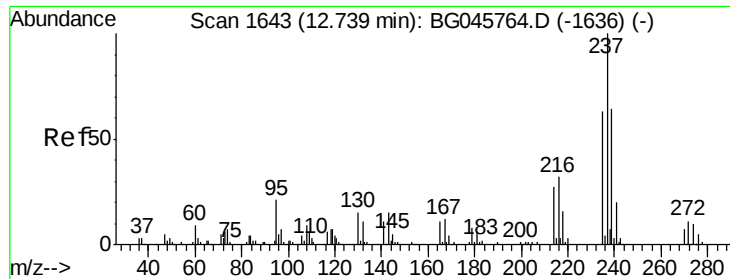
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.939 ng
RT: 12.76 min Scan# 1647
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.8	94.2
179	19.9	16.2	24.4
108	16.8	13.4	20.2





#41

Hexachlorocyclopentadiene

Concen: 49.513 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Instrument :

BNA_G

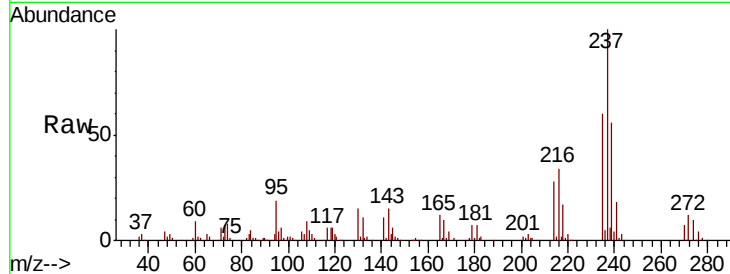
ClientSampleId :

SSTDICC050

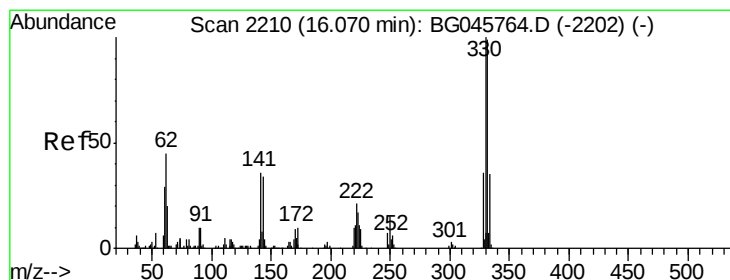
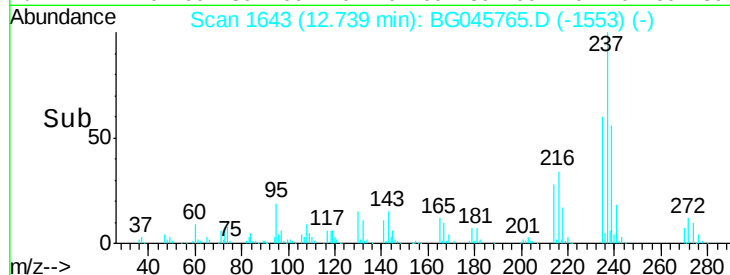
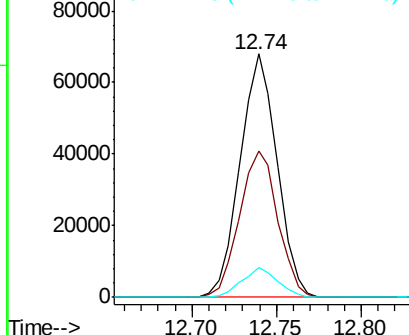
Tot Ion:	237	Resp:	103404
Ion Ratio	Lower	Upper	
237	100		
235	60.2	42.9	82.9
272	12.4	0.0	30.9

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



#42

2,4,6-Tribromophenol

Concen: 124.329 ng

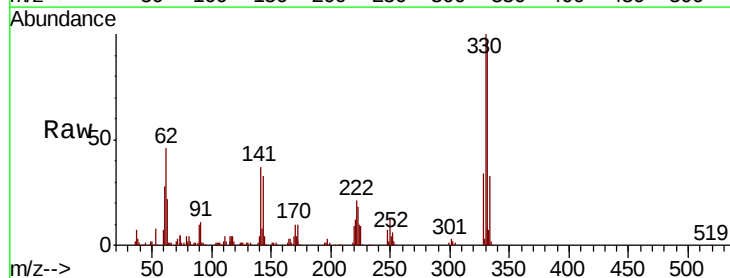
RT: 16.07 min Scan# 2210

Delta R.T. -0.00 min

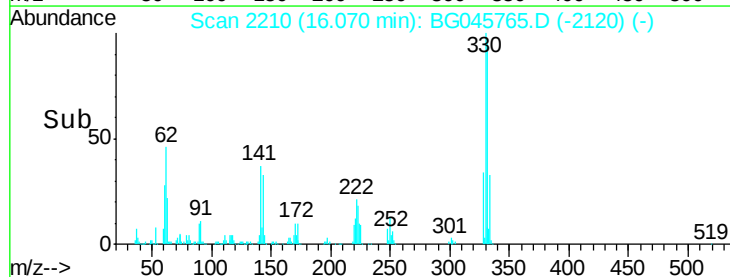
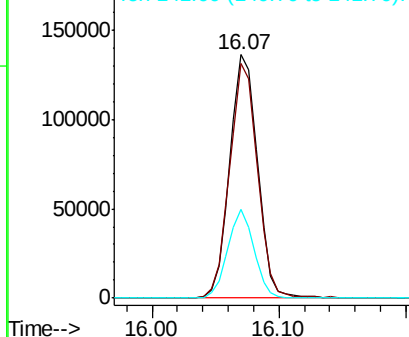
Lab File: BG045765.D

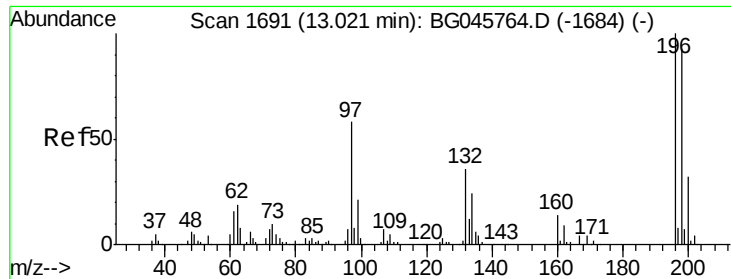
Acq: 15 Jun 2020 14:57

Tgt Ion:	330	Resp:	205976
Ion Ratio	Lower	Upper	
330	100		
332	96.8	78.6	117.8
141	34.4	28.2	42.4



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





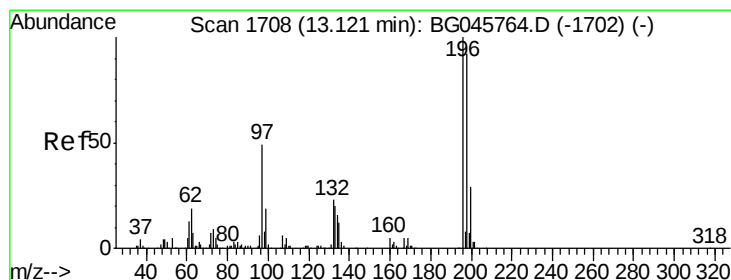
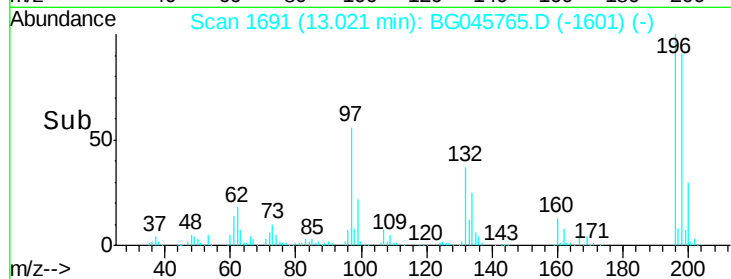
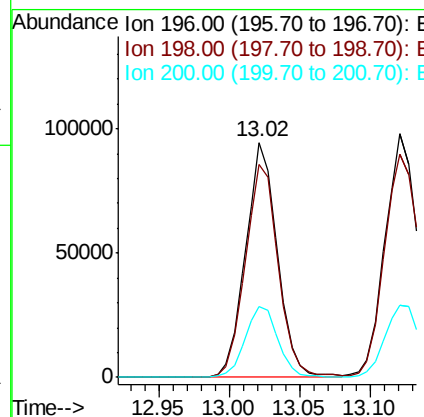
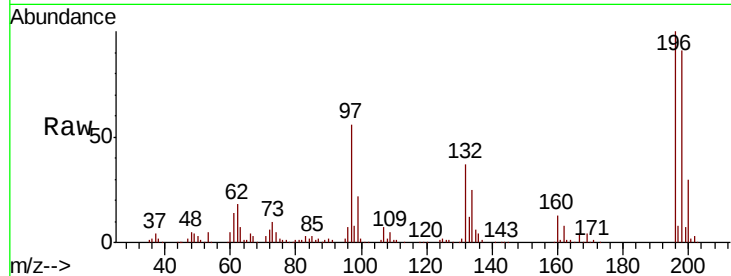
#43
 2,4,6-Trichlorophenol
 Concen: 59.292 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG045765.D
 Acq: 15 Jun 2020 14:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	149031		
198	90.7	74.4	111.6	
200	30.4	25.4	38.2	

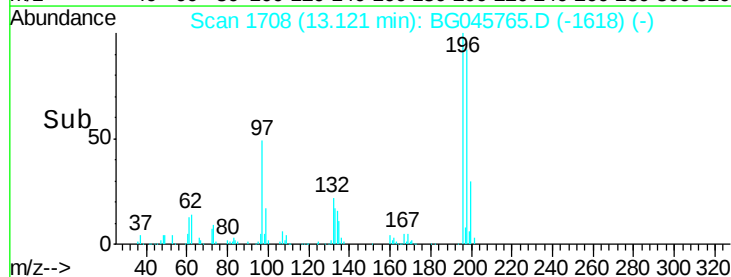
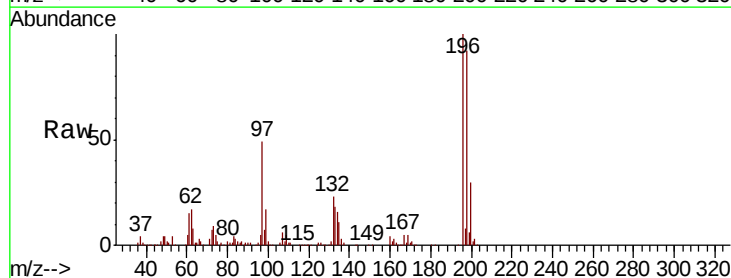
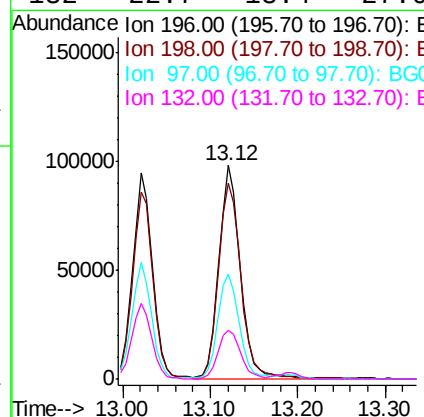
Manual Integrations
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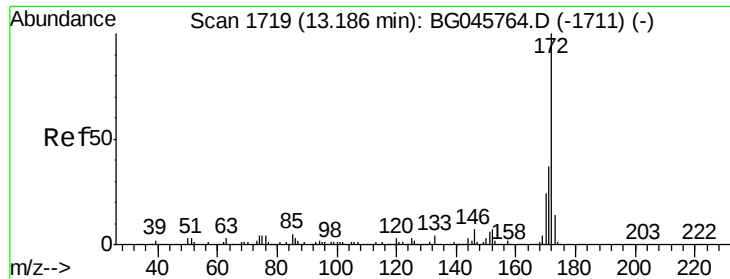
mohammad
 6/16/2020 11:06:12 AM



#44
 2,4,5-Trichlorophenol
 Concen: 58.328 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG045765.D
 Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	167533		
198	91.7	74.0	111.0	
97	49.2	39.0	58.6	
132	22.7	18.4	27.6	





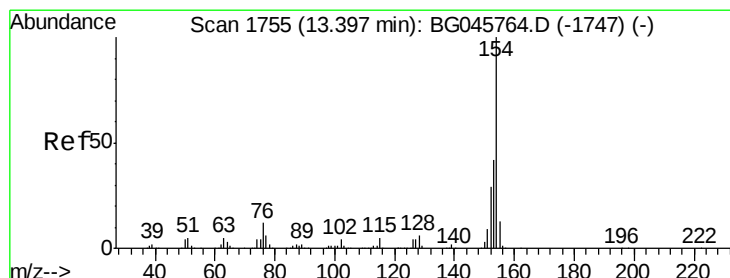
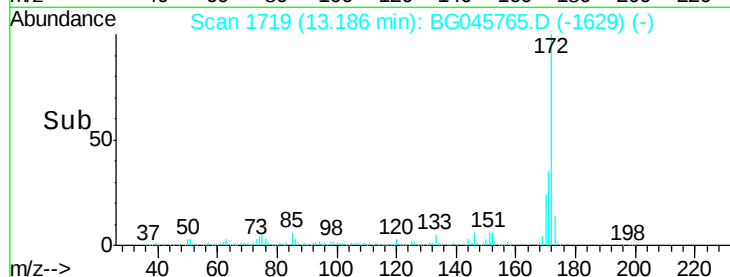
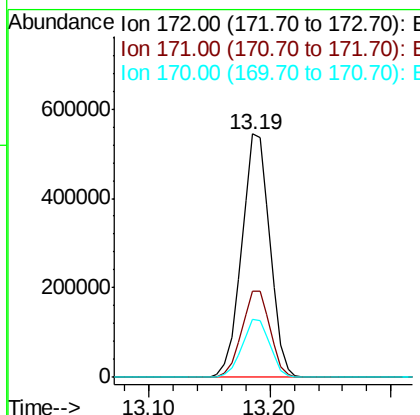
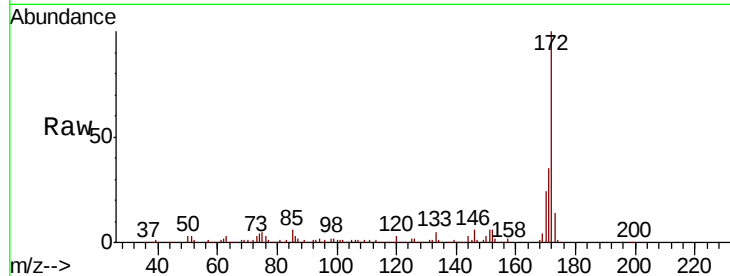
#45
2-Fluorobiphenyl
Concen: 115.338 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.9	44.9
170	23.7	19.3	28.9

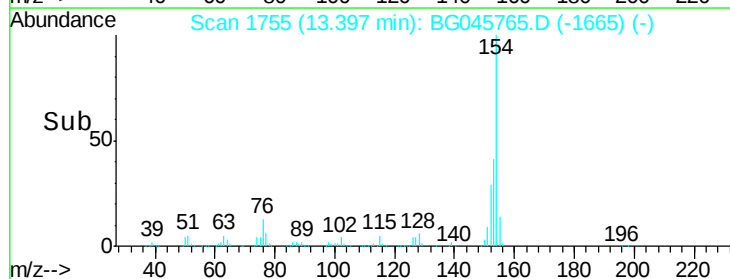
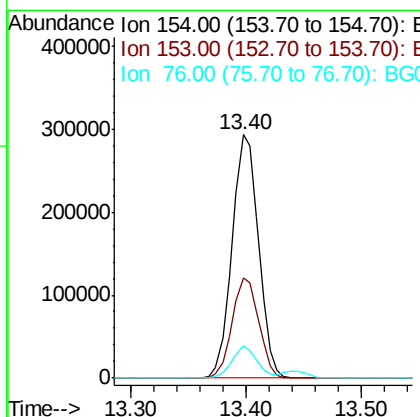
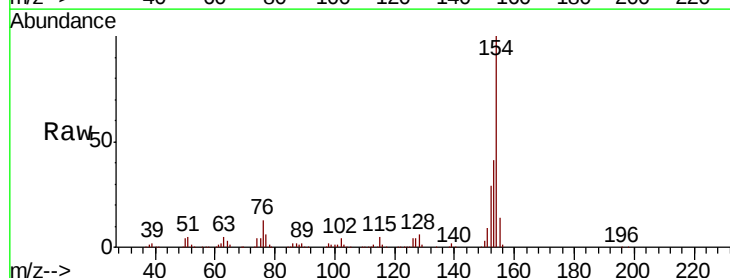
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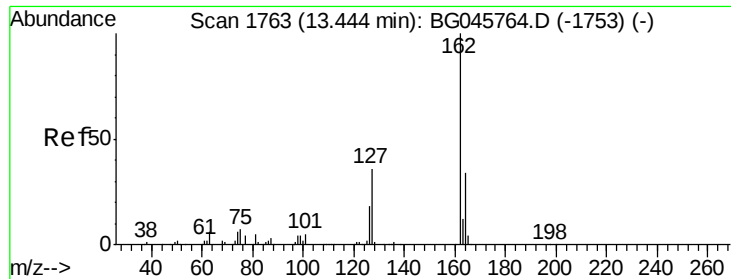
mohammad
6/16/2020 11:06:12 AM



#46
1,1'-Biphenyl
Concen: 58.355 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.7	61.7
76	13.4	0.0	32.0





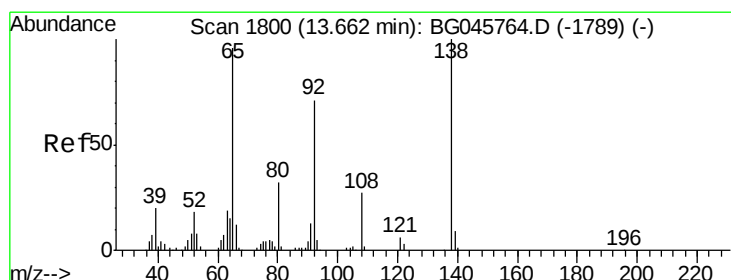
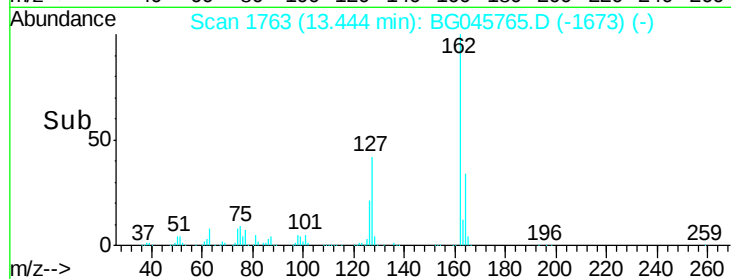
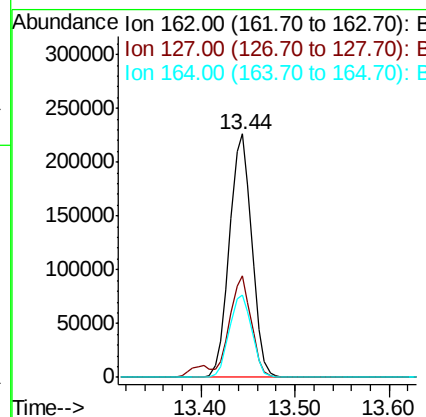
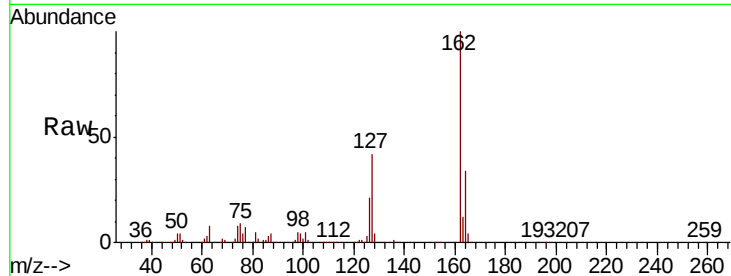
#47
2-Chloronaphthalene
Concen: 57.978 ng
RT: 13.44 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	30.5	45.7
164	34.0	27.2	40.8

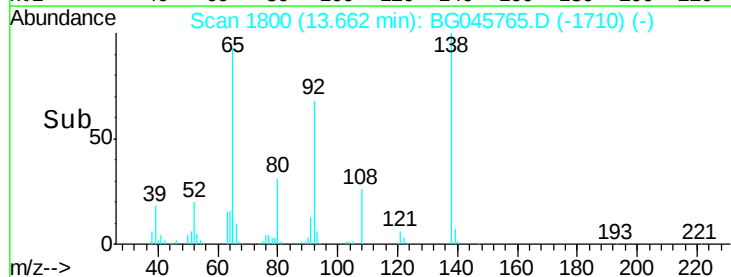
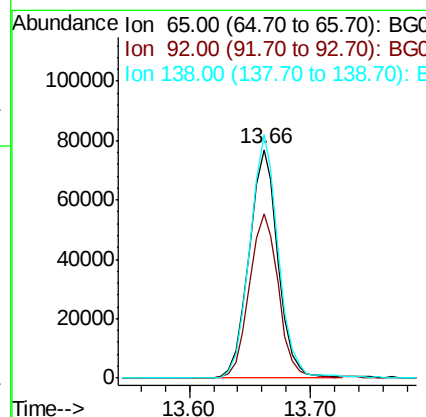
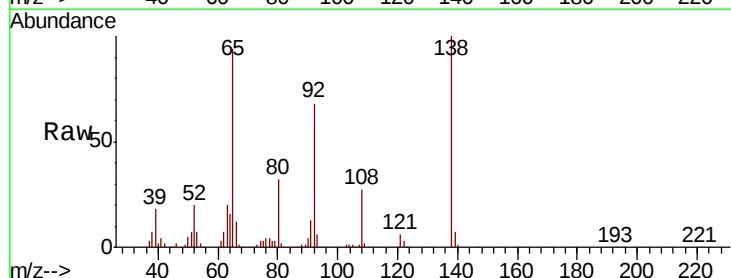
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#48
2-Nitroaniline
Concen: 60.476 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	59.0	88.6
138	106.7	83.6	125.4





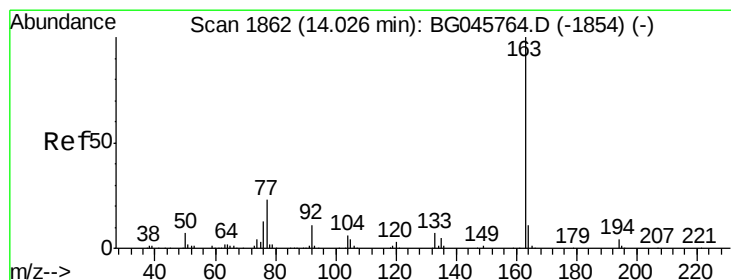
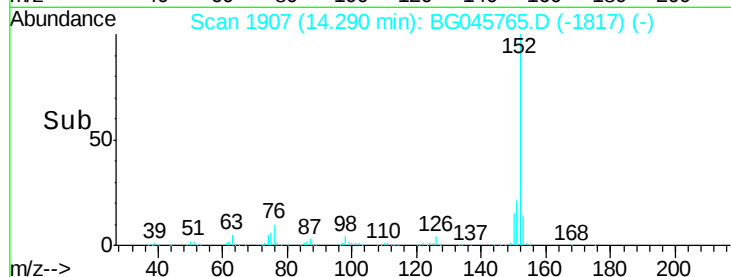
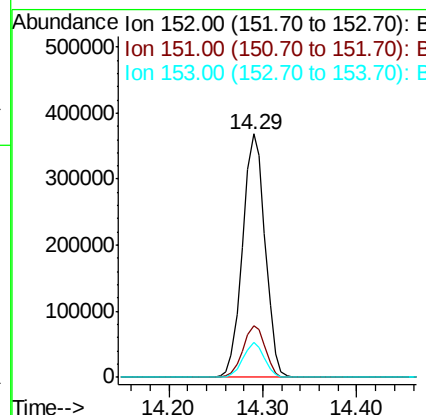
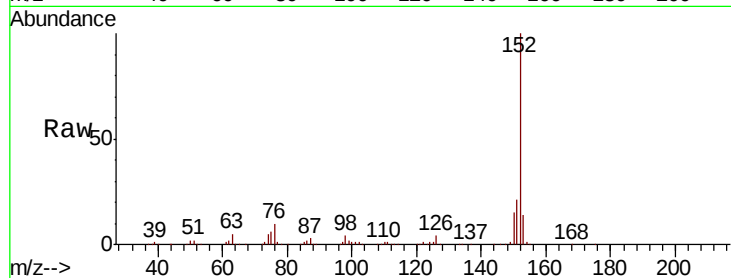
#49
Acenaphthylene
Concen: 58.881 ng
RT: 14.29 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.0	25.4
153	14.5	10.6	15.8

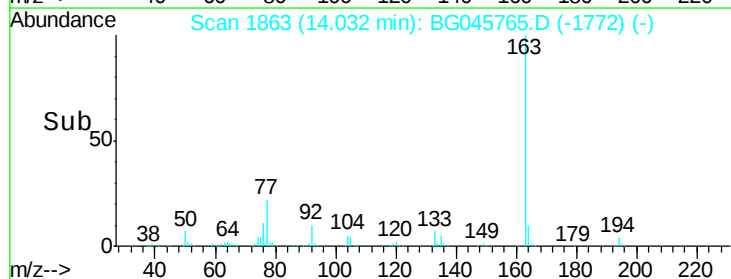
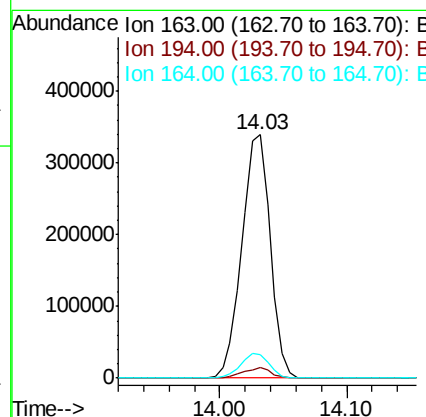
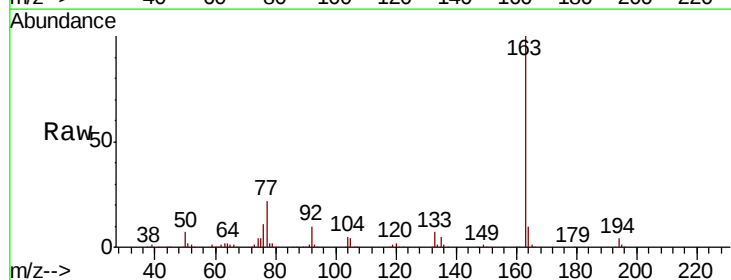
Manual Integrations
APPROVED

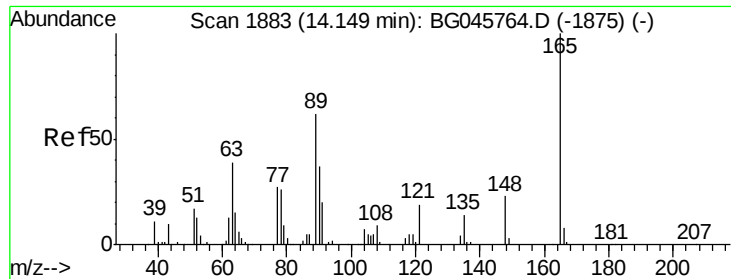
mohammad
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#50
Dimethylphthalate
Concen: 59.130 ng
RT: 14.03 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.9	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 59.028 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Instrument :

BNA_G

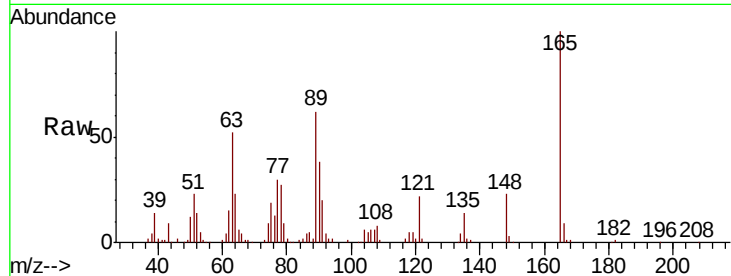
ClientSampleId :

SSTDICC050

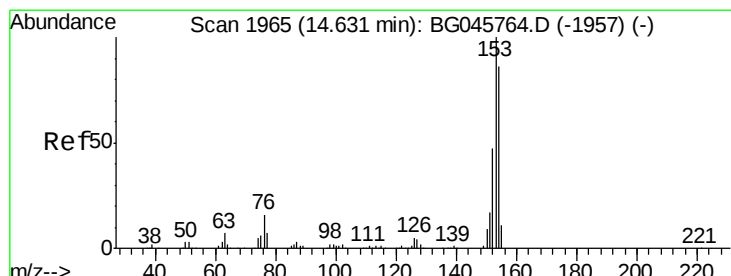
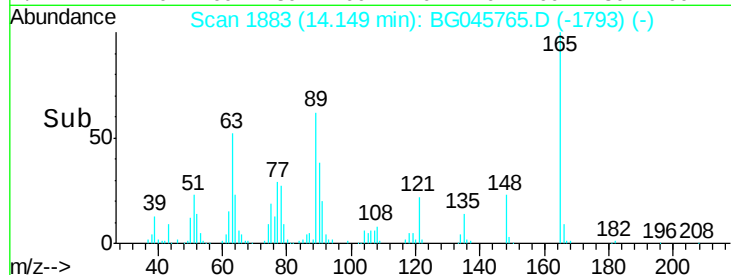
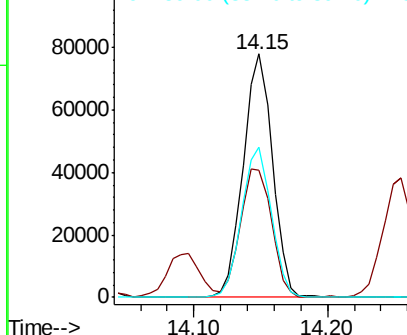
Tot Ion:	165	Resp:	118365
Ion Ratio	Lower	Upper	
165	100		
63	52.2	41.2	61.8
89	61.5	49.7	74.5

Manual Integrations
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 52.988 ng

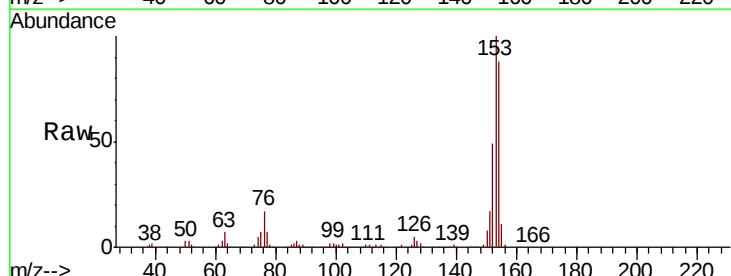
RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

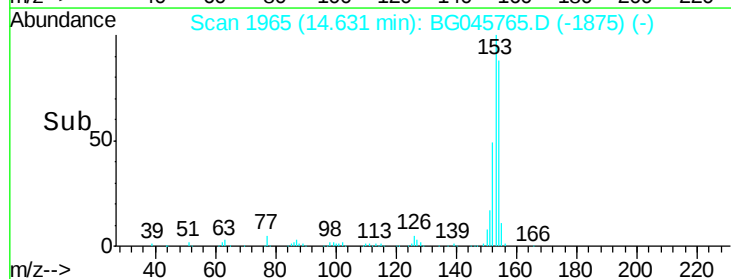
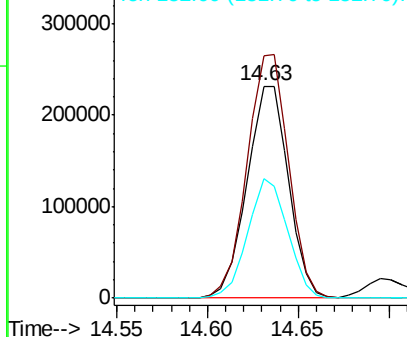
Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Tgt Ion:	154	Resp:	368250
Ion Ratio	Lower	Upper	
154	100		
153	114.3	93.0	139.4
152	56.5	43.7	65.5



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





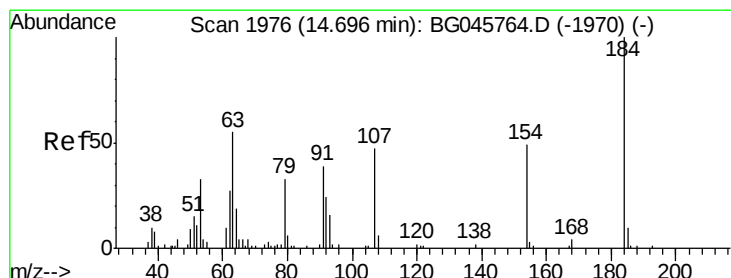
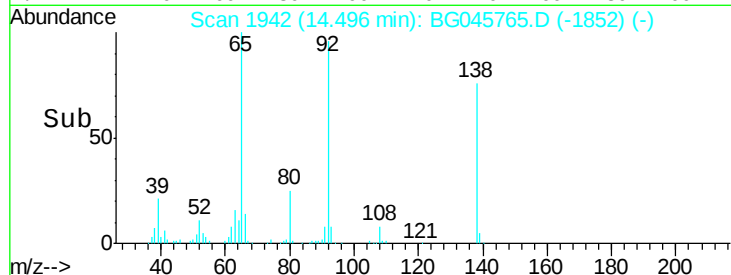
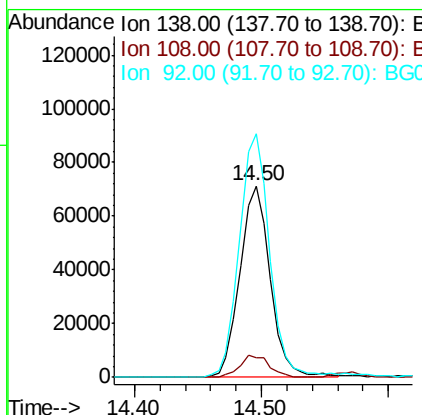
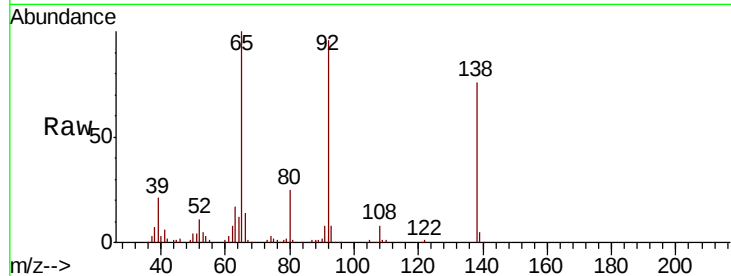
#53
3-Nitroaniline
Concen: 58.127 ng
RT: 14.50 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.4	12.6
92	127.2	95.6	143.4

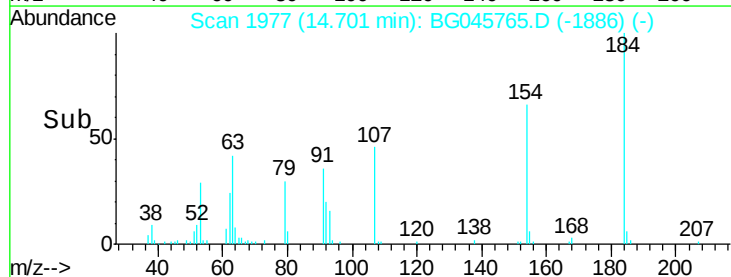
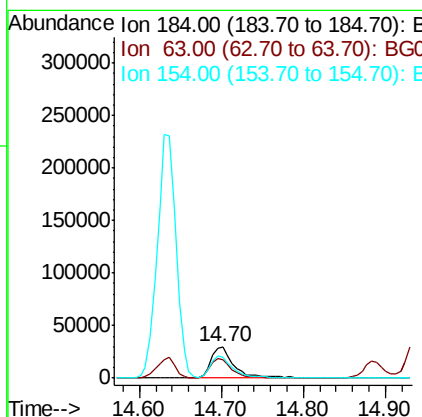
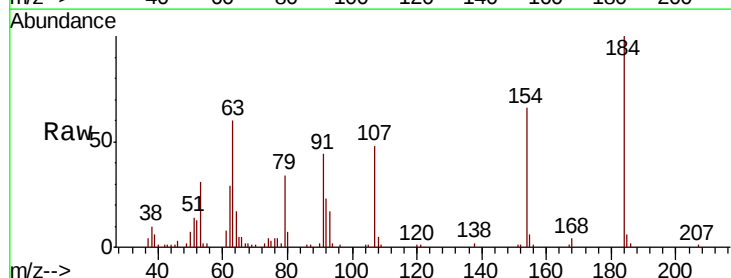
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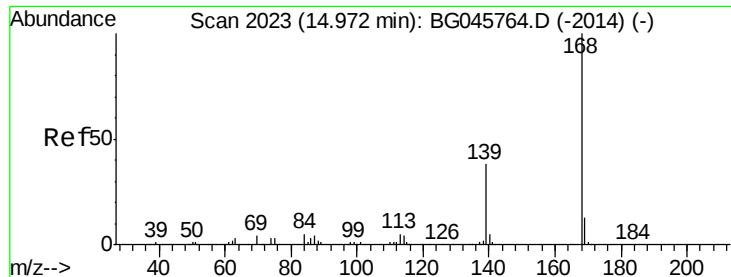
mohammad
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#54
2,4-Dinitrophenol
Concen: 51.316 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.0	46.6	70.0
154	66.5	58.6	87.8





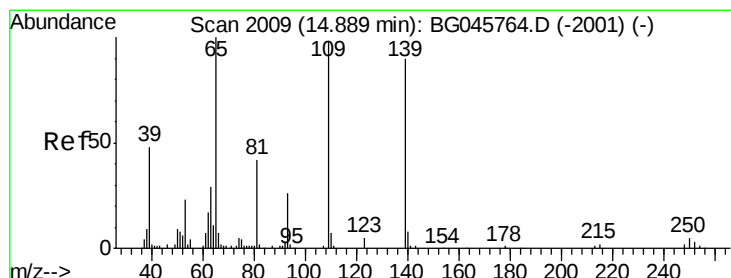
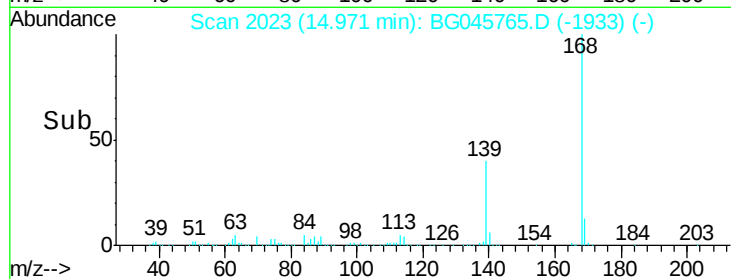
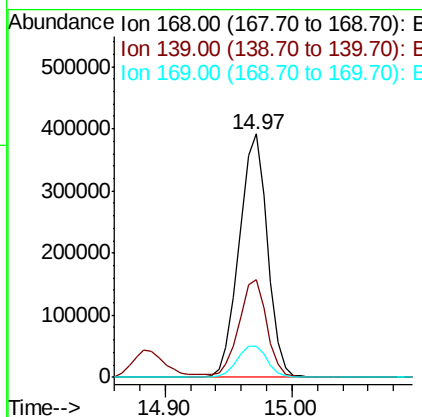
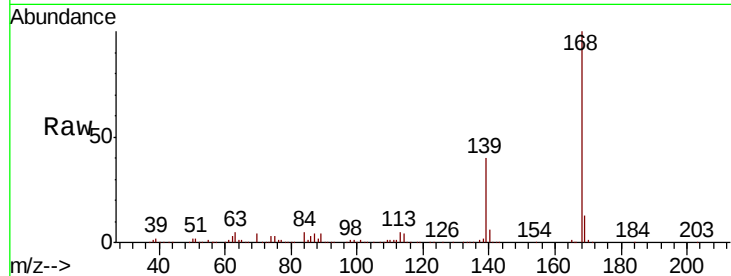
#55
Dibenzenofuran
Concen: 58.466 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.8	47.6
169	13.0	10.4	15.6

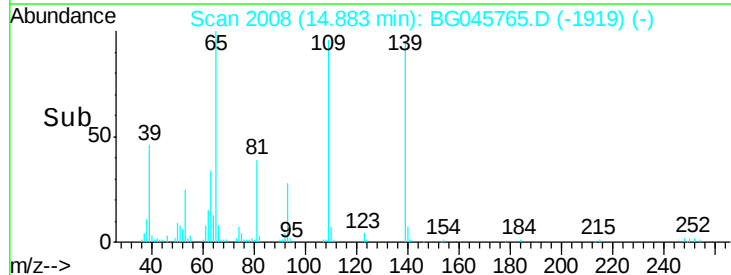
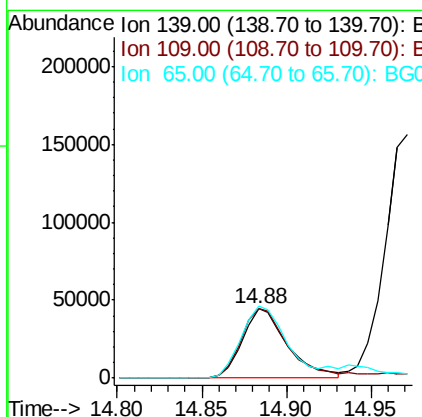
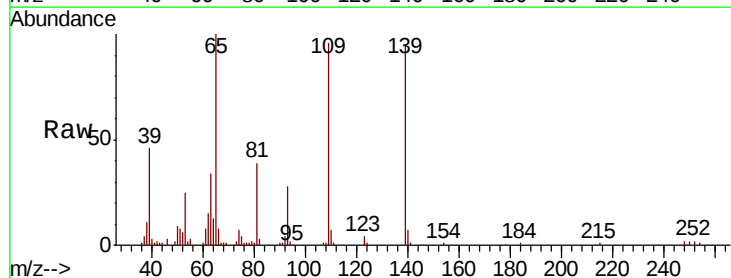
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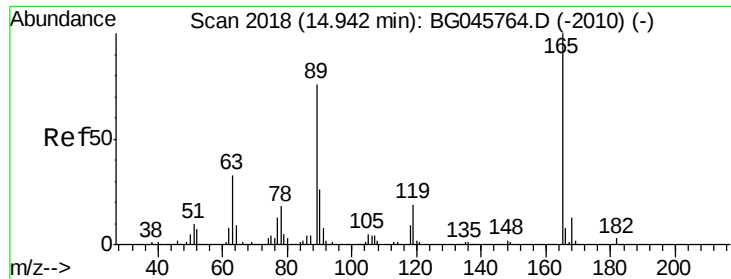
mohammad
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#56
4-Nitrophenol
Concen: 53.547 ng
RT: 14.88 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.7	88.9	128.9
65	105.1	92.3	132.3





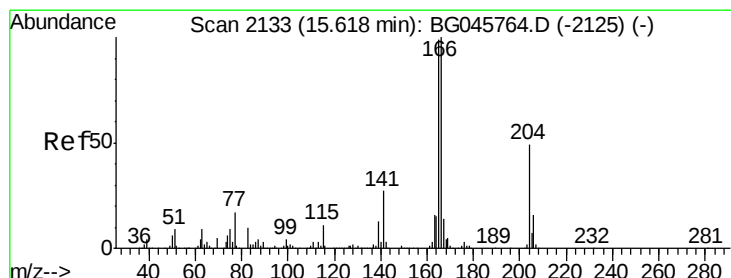
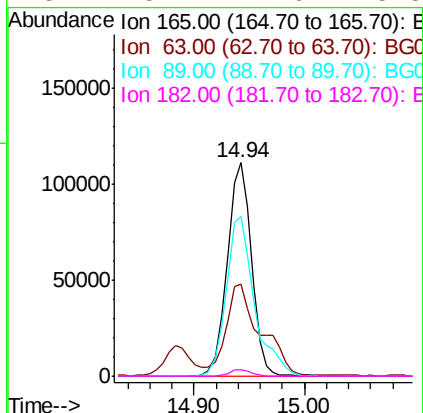
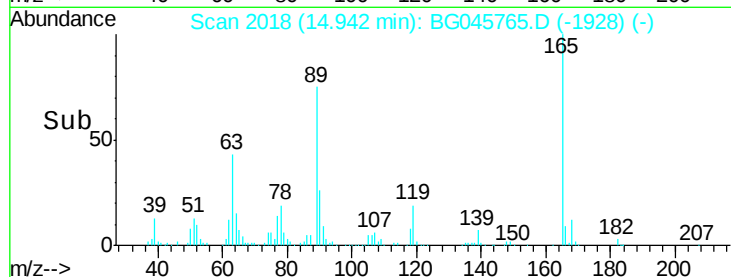
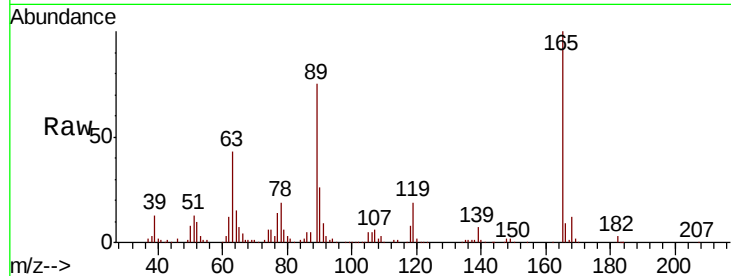
#57
2,4-Dinitrotoluene
Concen: 58.936 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	171158		
63	42.9	33.8	50.8	
89	74.8	60.4	90.6	
182	3.1	2.6	3.8	

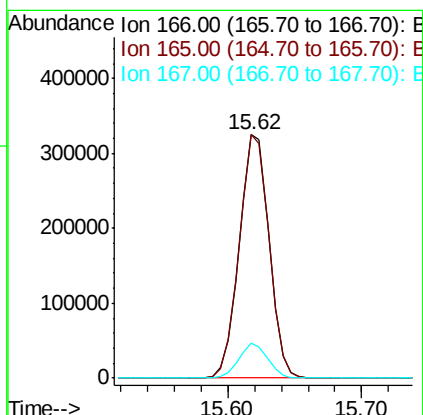
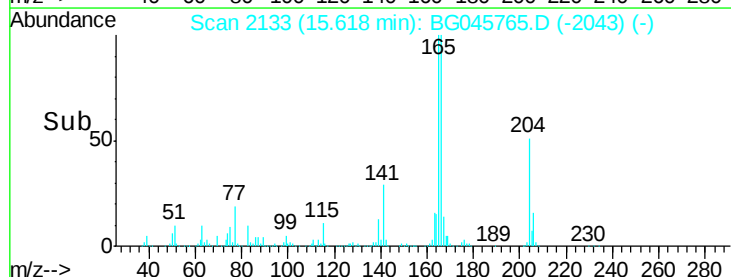
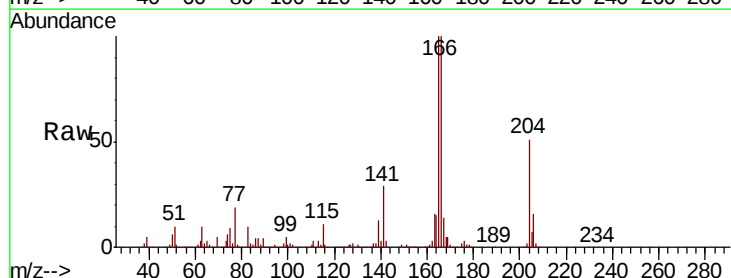
Manual Integrations
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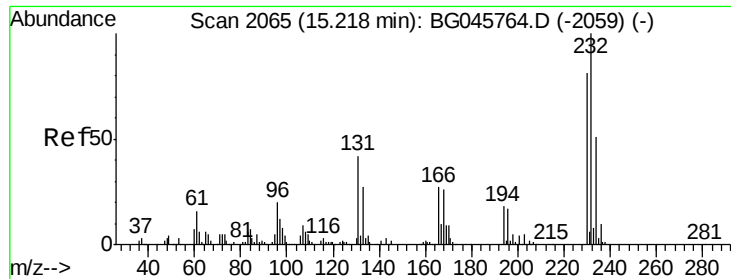
mohammad
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#58
Fluorene
Concen: 59.168 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	501667		
165	99.9	79.1	118.7	
167	14.4	11.5	17.3	





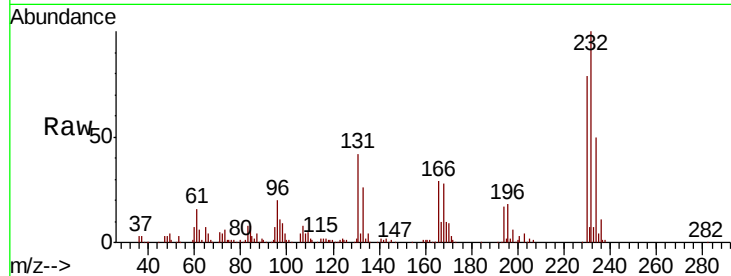
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 59.174 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BG045765.D
 Acq: 15 Jun 2020 14:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

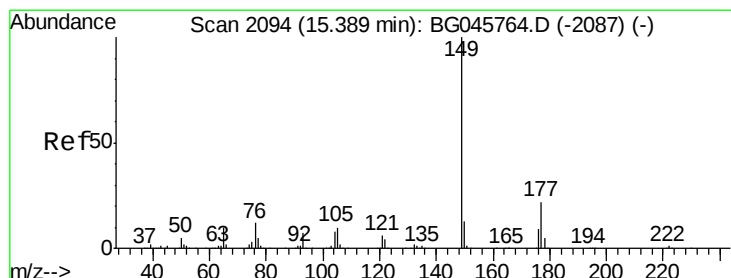
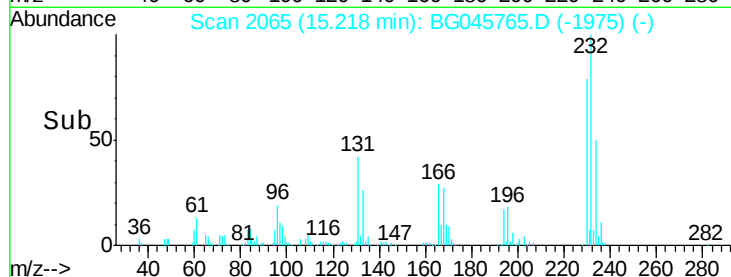
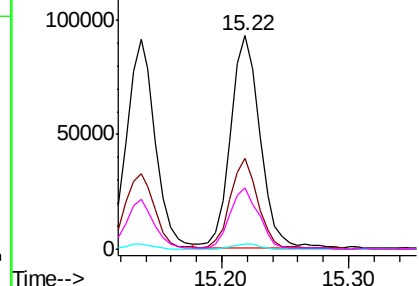
Tot Ion	Ratio	Resp	Lower	Upper
232	100	149531		
131	40.2		32.2	48.2
130	2.4		2.2	3.4
166	29.3		21.3	31.9

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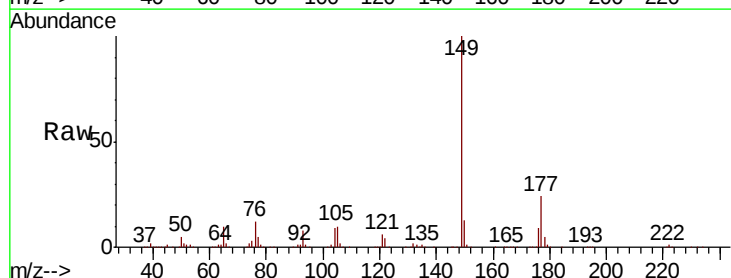


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

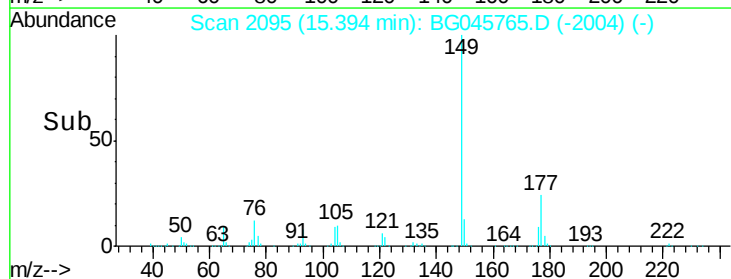
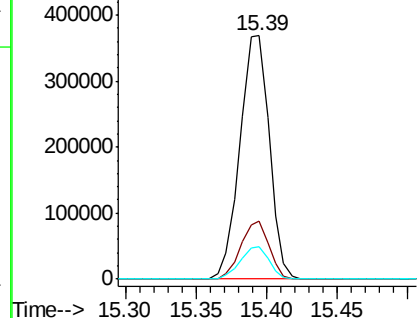


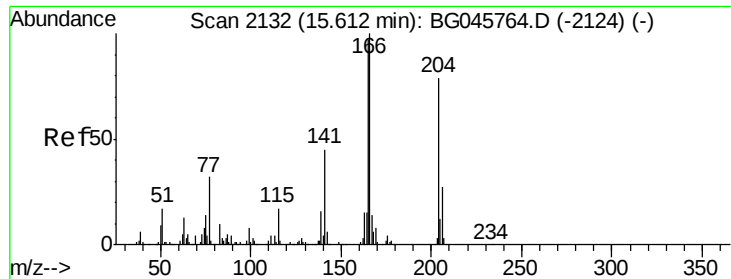
#60
 Diethylphthalate
 Concen: 58.070 ng
 RT: 15.39 min Scan# 2095
 Delta R.T. 0.01 min
 Lab File: BG045765.D
 Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	537111		
177	23.9		17.2	25.8
150	13.4		10.7	16.1



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





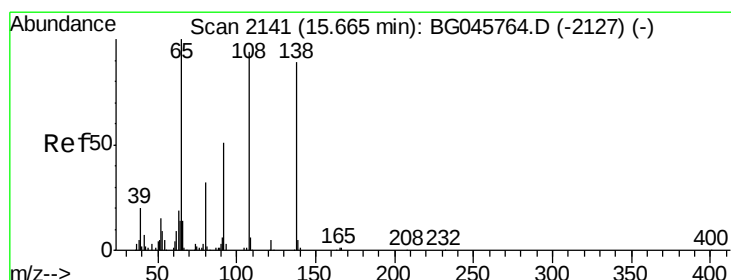
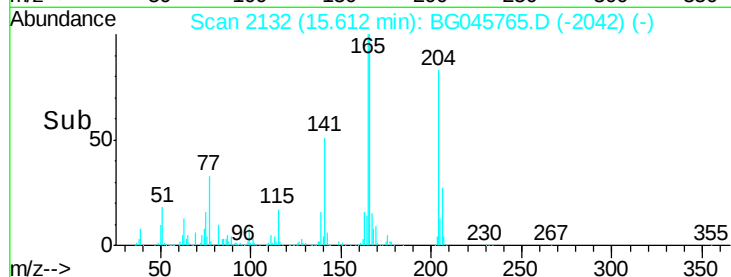
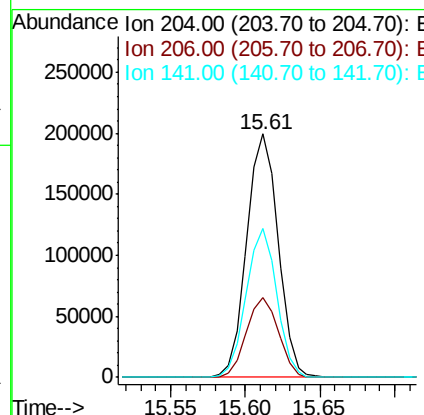
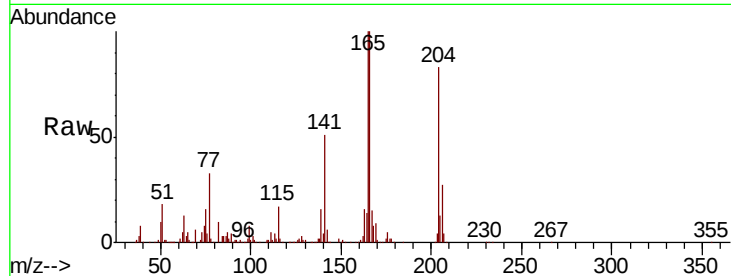
#61
4-Chlorophenyl-phenylether
Concen: 59.713 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleID :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
204	100	289715		
206	32.9		27.2	40.8
141	61.1		45.9	68.9

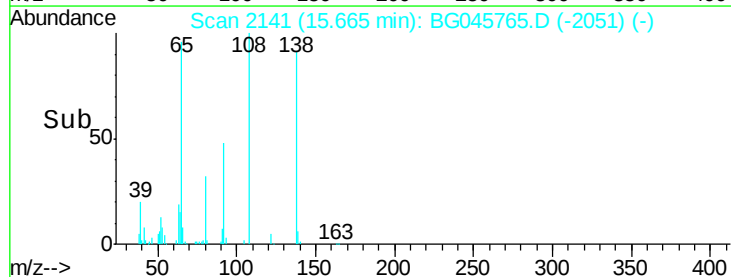
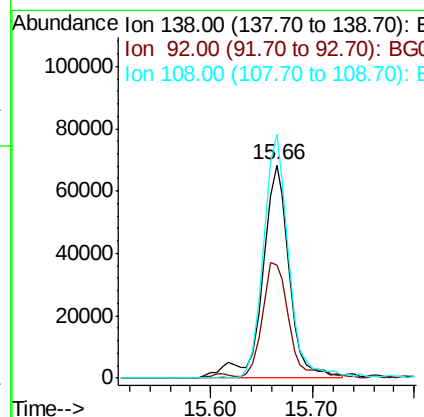
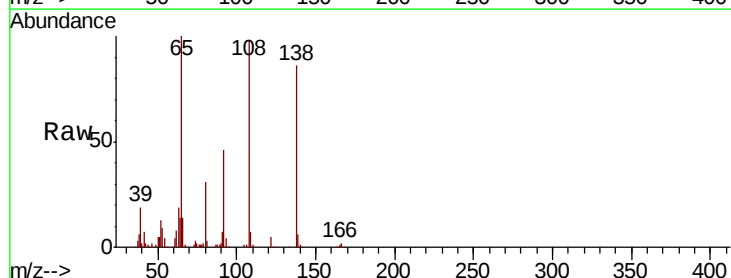
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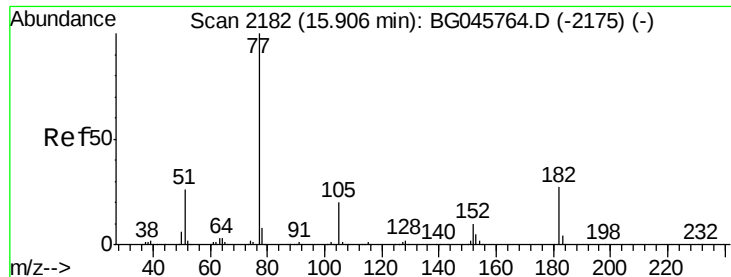
mohammad
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#62
4-Nitroaniline
Concen: 58.526 ng m
RT: 15.66 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	124544		
92	53.0		37.3	77.3
108	114.3		85.0	125.0





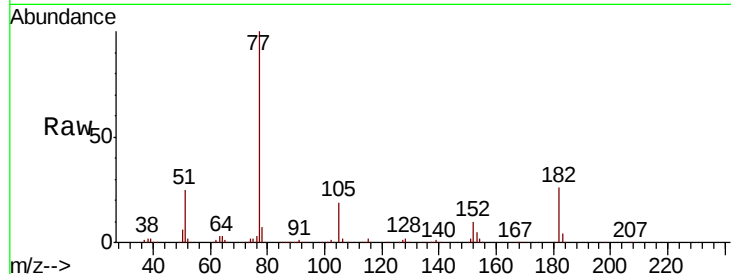
#63
Azobenzene
Concen: 58.997 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

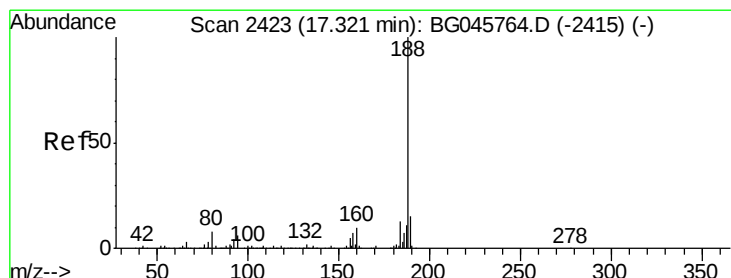
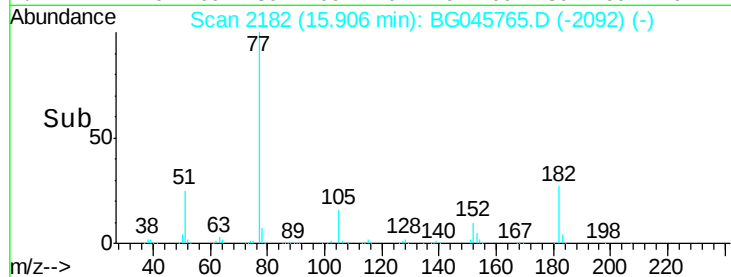
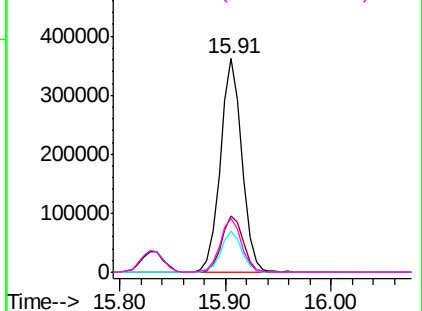
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.3	7.4	47.4	
105	19.1	0.1	40.1	
51	24.9	5.7	45.7	

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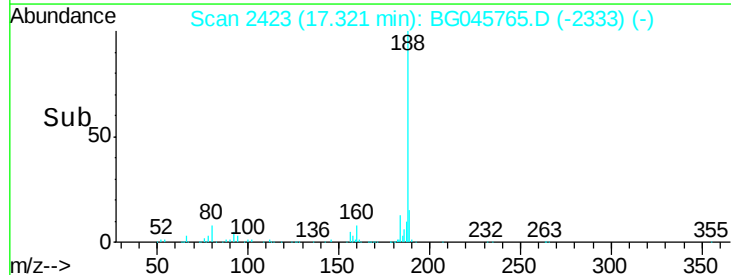
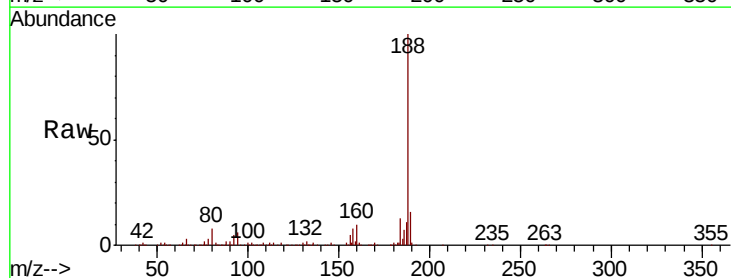
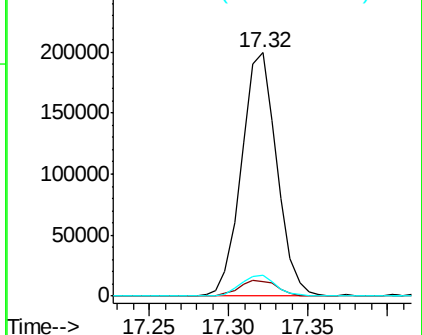
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

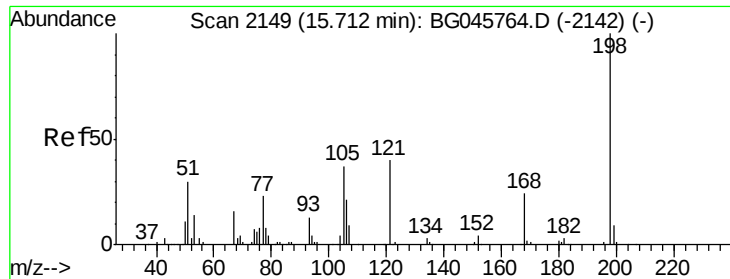


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.9	5.1	7.7	
80	8.4	6.2	9.4	

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: 57.154 ng

RT: 15.71 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:198 Resp: 102473

Ion Ratio Lower Upper

198 100

51 34.5 14.6 54.6

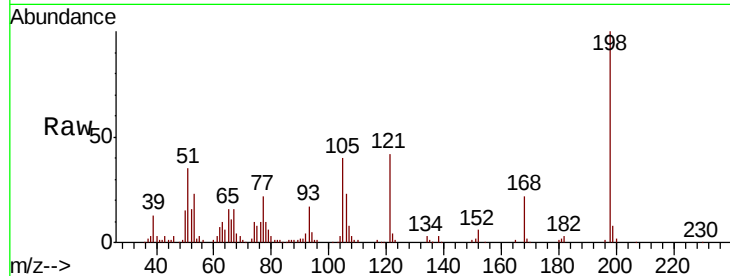
105 40.1 18.4 58.4

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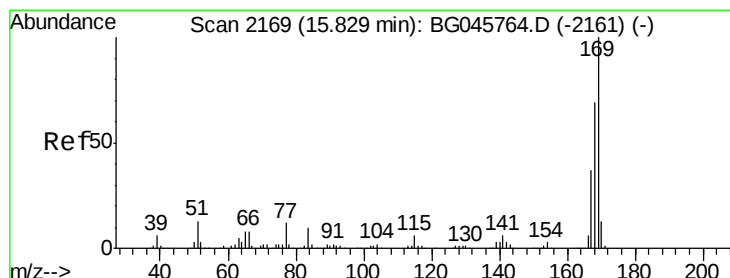
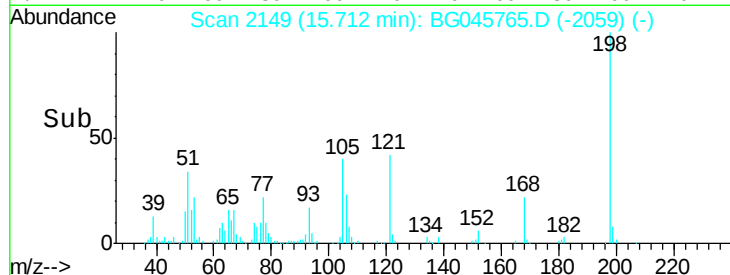
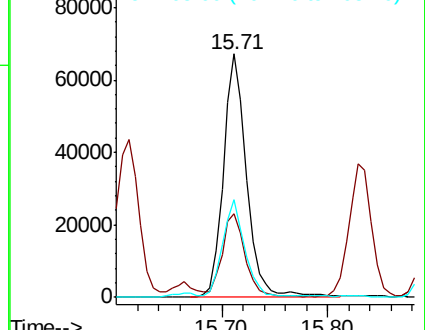
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 59.613 ng

RT: 15.84 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

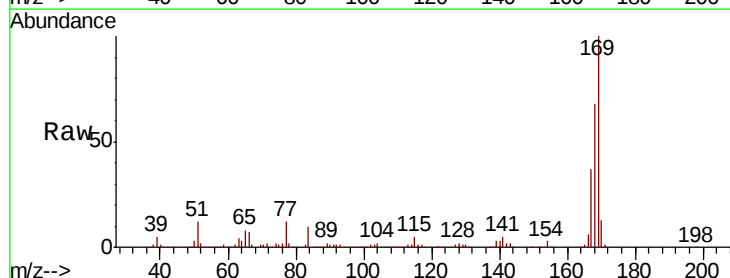
Tgt Ion:169 Resp: 440631

Ion Ratio Lower Upper

169 100

168 68.1 55.2 82.8

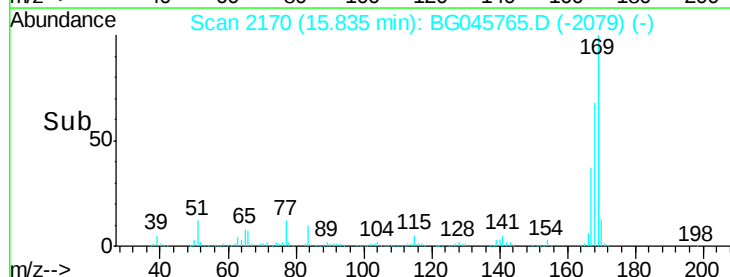
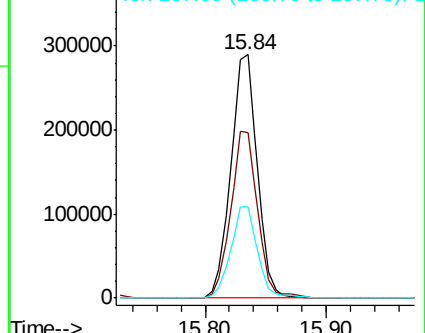
167 37.5 29.8 44.6

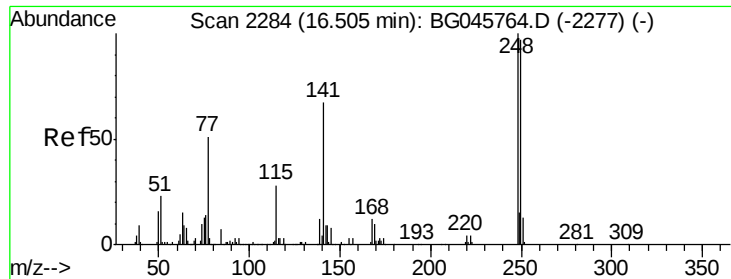


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





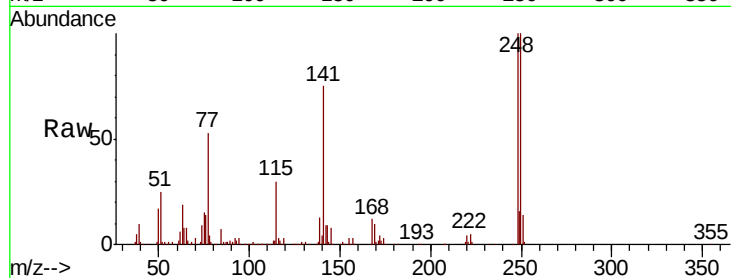
#67
4-Bromophenyl-phenylether
Concen: 60.697 ng
RT: 16.50 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.3	78.0	117.0
141	75.0	53.9	80.9

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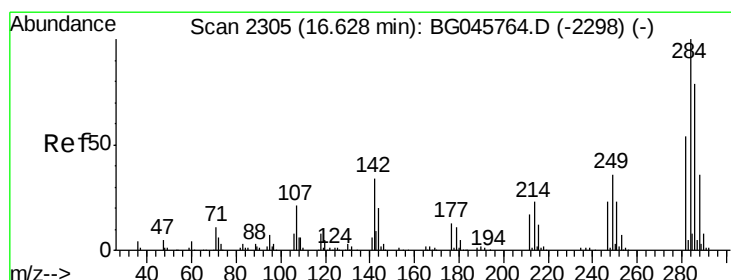
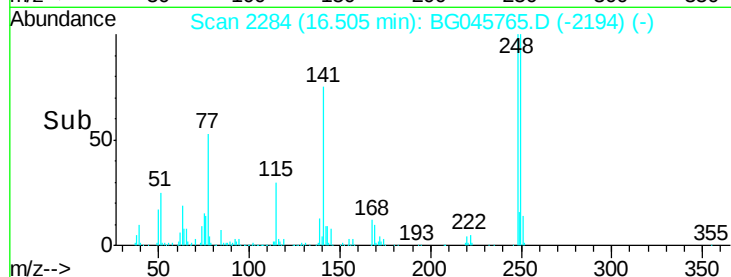
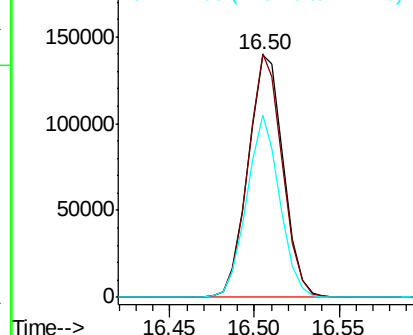


Abundance

Ion 248.00 (247.70 to 248.70): E

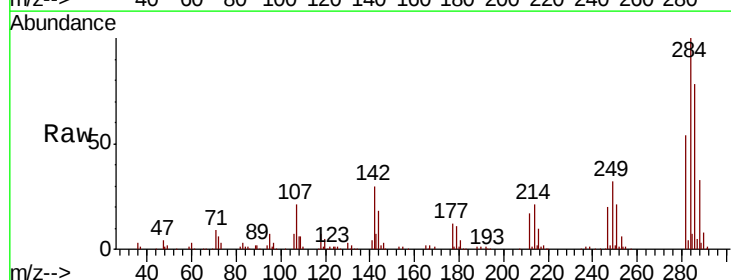
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 61.495 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	26.9	40.3
249	32.1	28.6	42.8

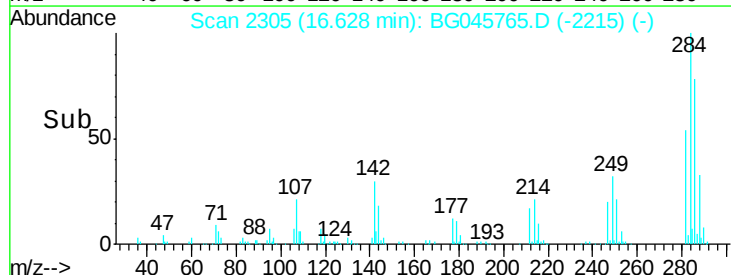
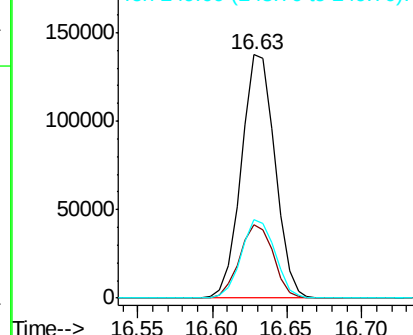


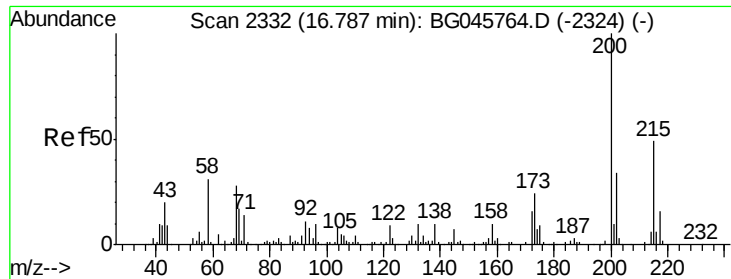
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





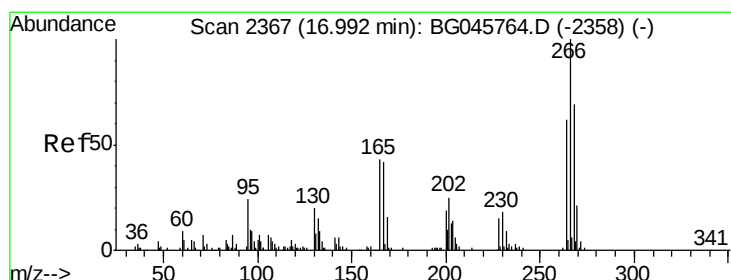
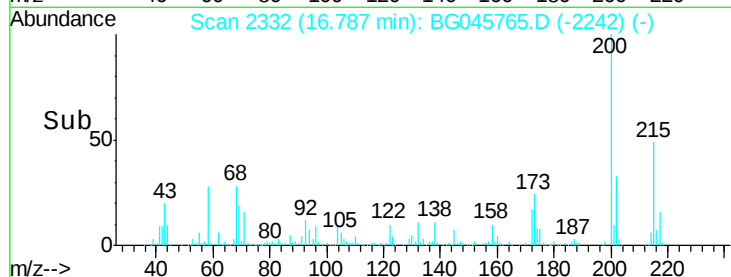
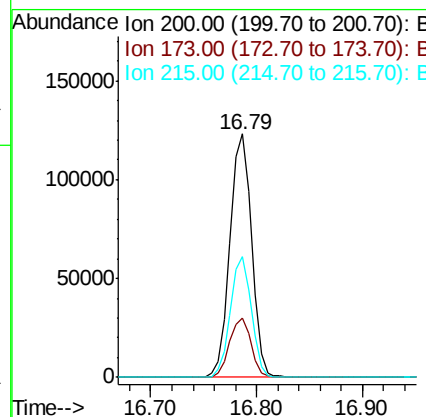
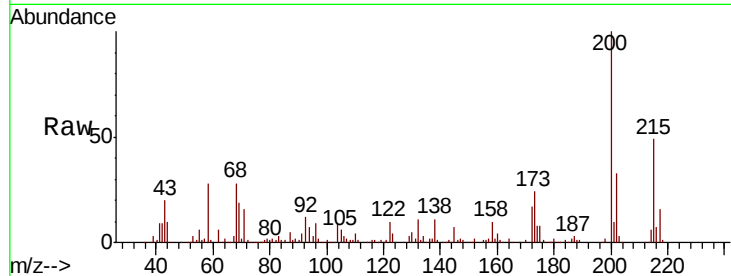
#69
Atrazine
Concen: 57.086 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	3.9	43.9
215	49.4	28.8	68.8

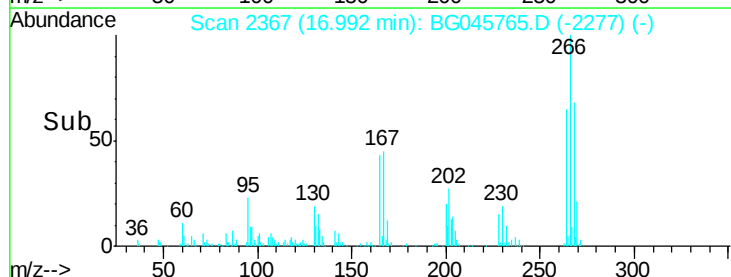
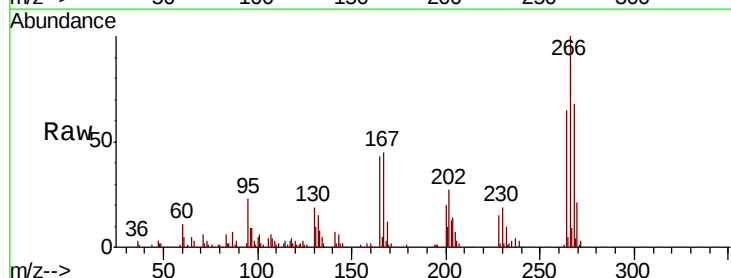
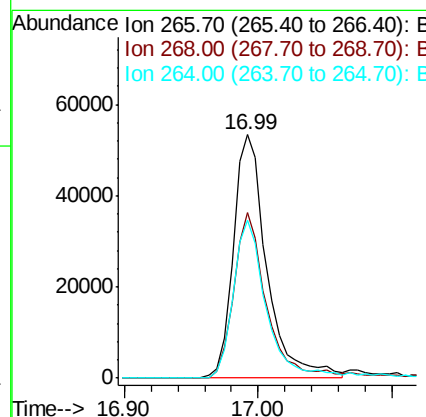
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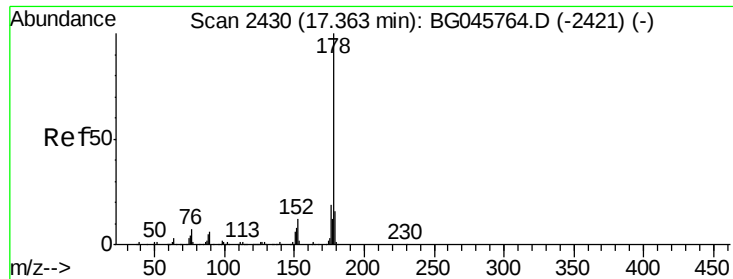
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#70
Pentachlorophenol
Concen: 51.385 ng
RT: 16.99 min Scan# 2367
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.8	55.4	83.0
264	64.7	49.8	74.6





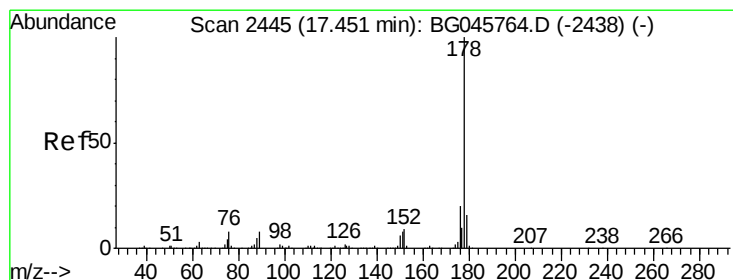
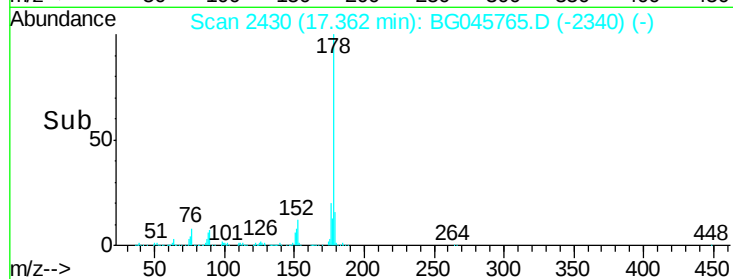
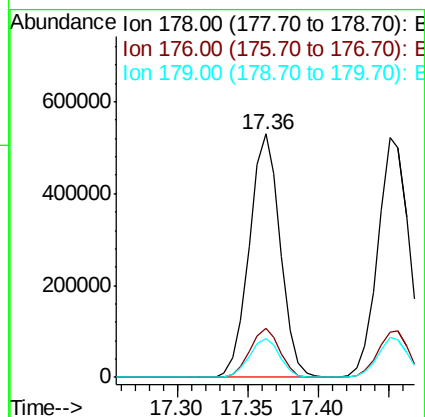
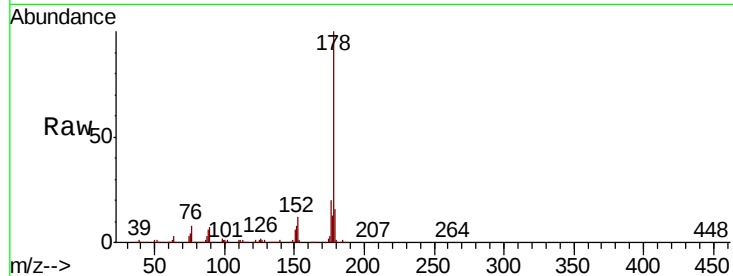
#71
Phenanthrene
Concen: 60.653 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.5	23.3
179	16.1	13.2	19.8

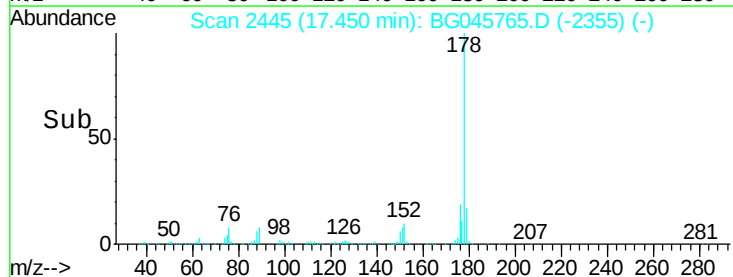
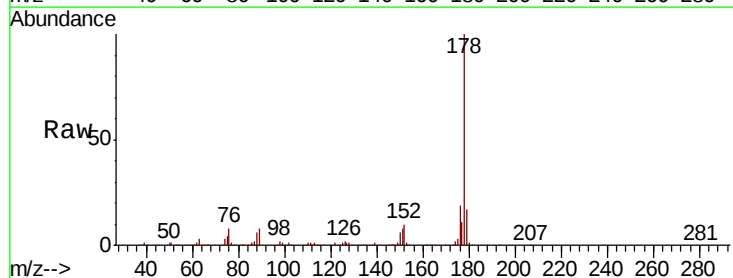
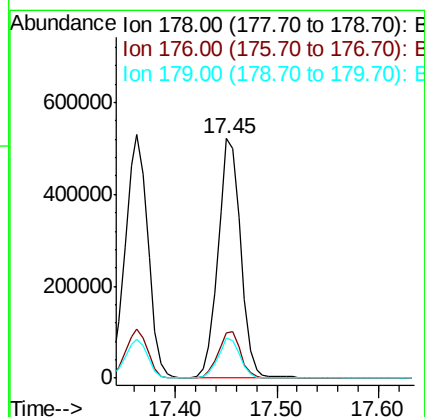
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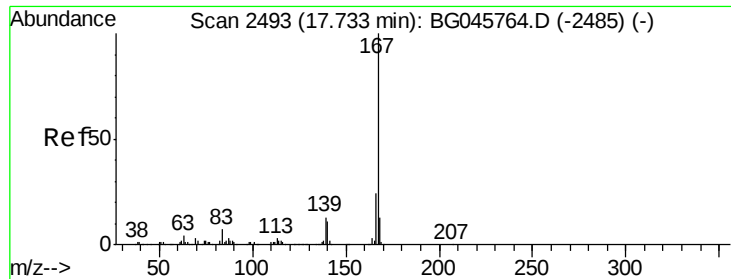
mohammad
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#72
Anthracene
Concen: 59.600 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	16.6	13.1	19.7





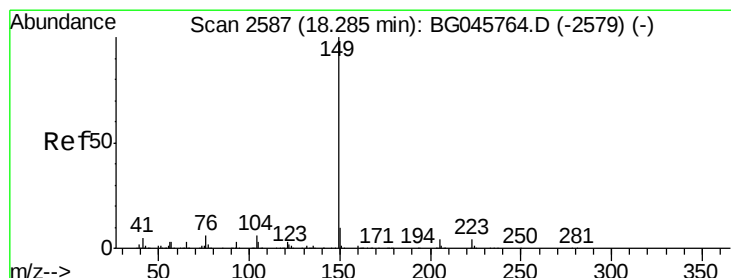
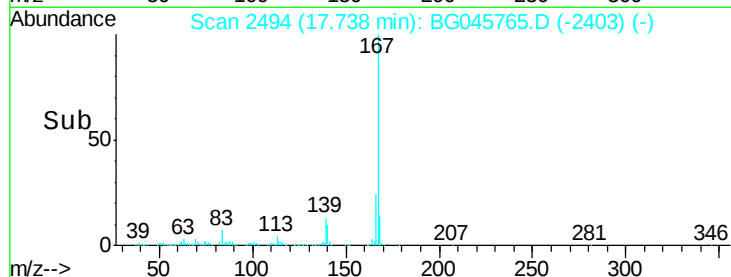
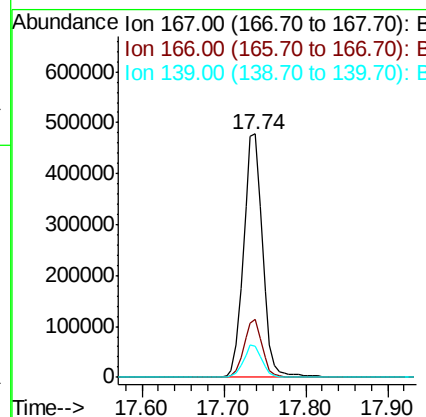
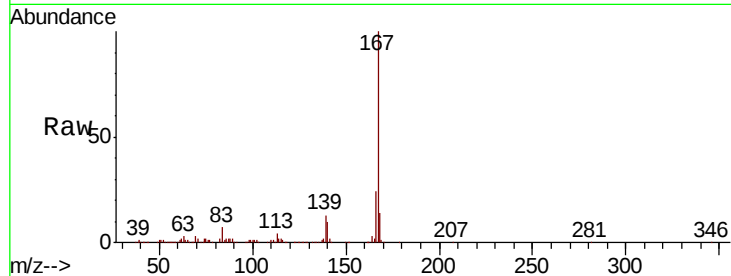
#73
 Carbazole
 Concen: 58.738 ng
 RT: 17.74 min Scan# 2494
 Delta R.T. 0.01 min
 Lab File: BG045765.D
 Acq: 15 Jun 2020 14:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.9	28.3
139	12.8	10.6	15.8

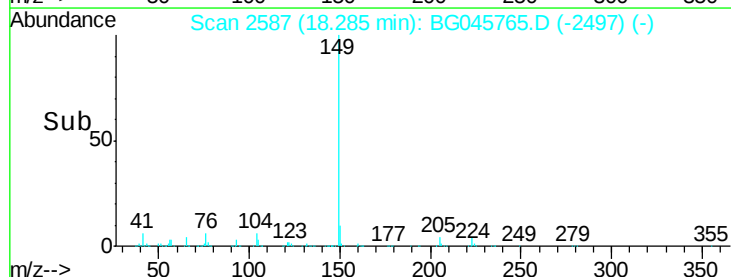
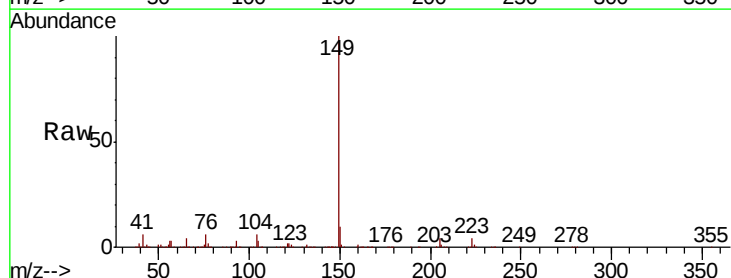
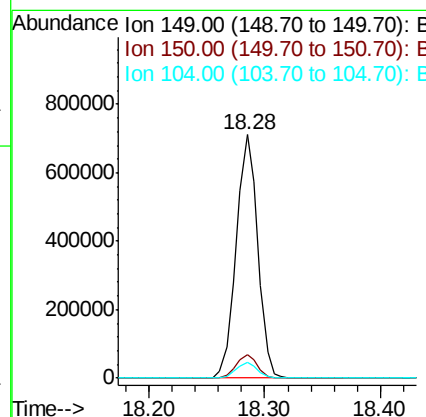
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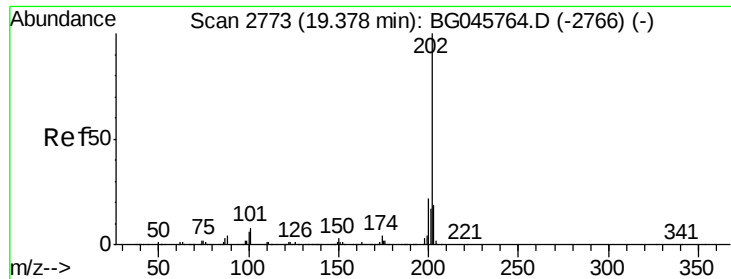
mohammad
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#74
 Di-n-butylphthalate
 Concen: 58.055 ng
 RT: 18.28 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: BG045765.D
 Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	6.3	5.1	7.7





#75

Fluoranthene

Concen: 58.276 ng

RT: 19.38 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Instrument :

BNA_G

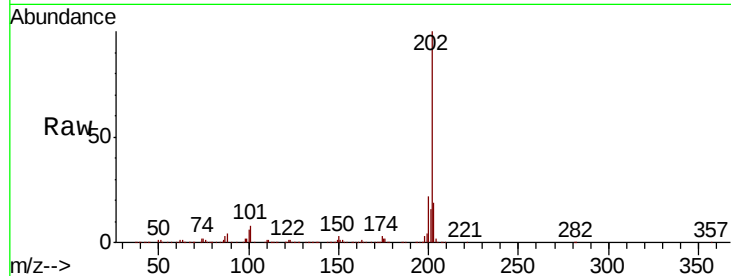
ClientSampleId :

SSTDIC050

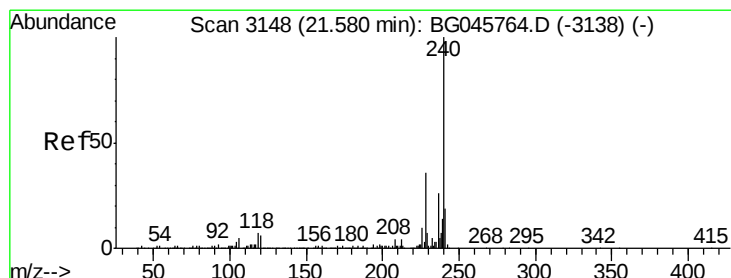
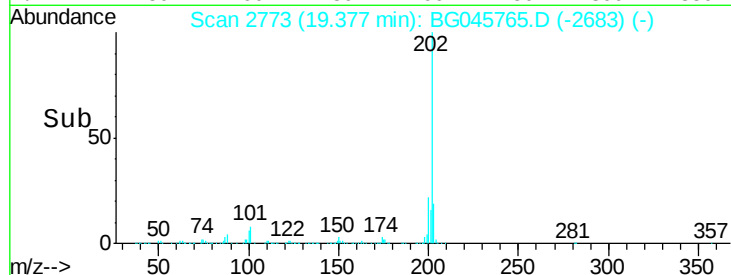
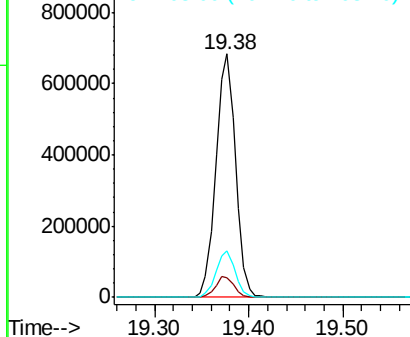
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		996181		
101	8.2	0.0	27.7		
203	19.3	0.0	38.7		

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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

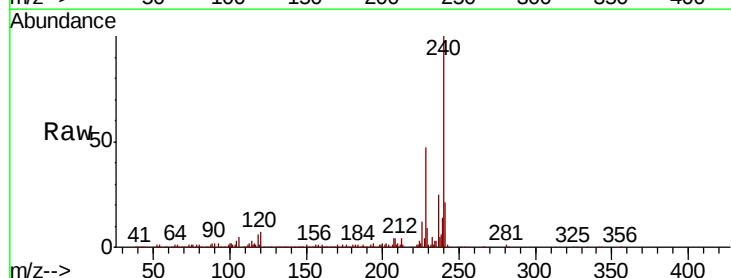
RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

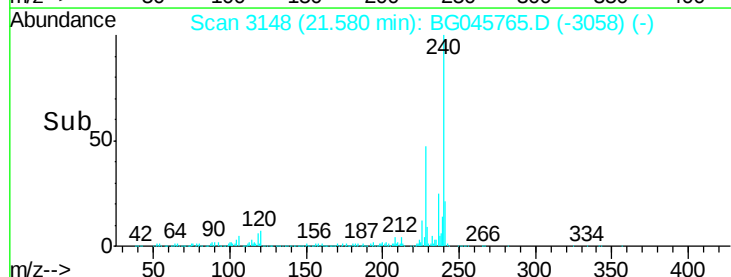
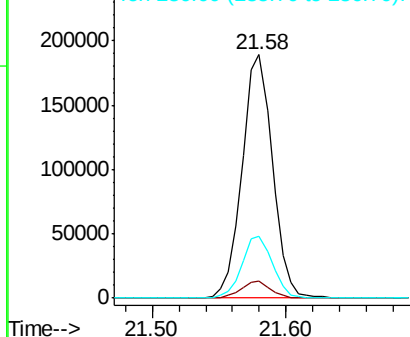
Lab File: BG045765.D

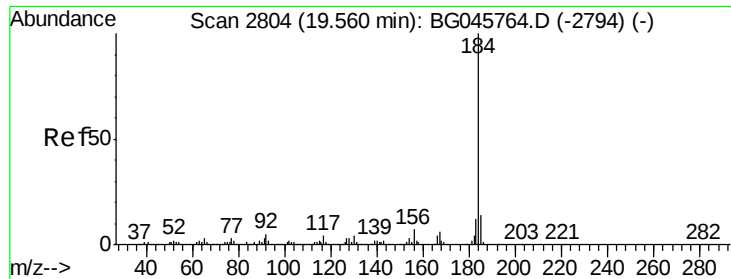
Acq: 15 Jun 2020 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		297255		
120	6.9	5.0	7.4		
236	25.1	20.6	30.8		



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: 48.878 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Instrument :

BNA_G

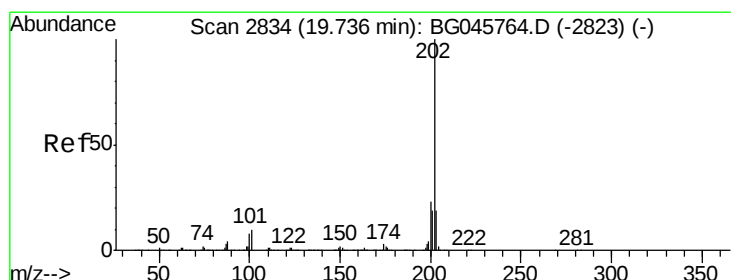
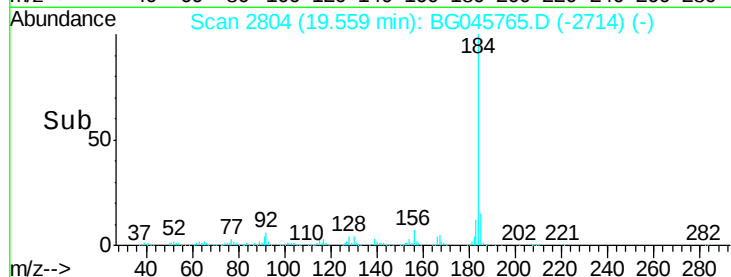
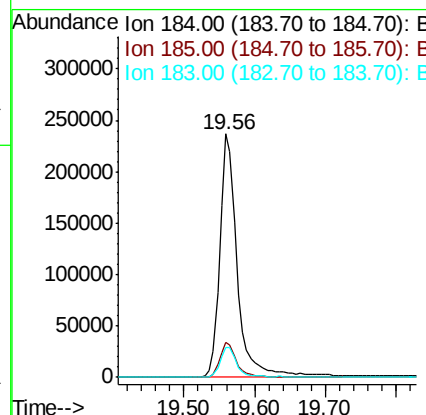
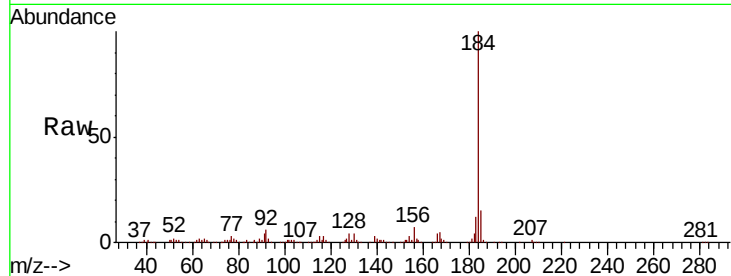
ClientSampleId :

SSTDICC050

Tot Ion:	184	Resp:	408061
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.1	16.7
183	12.1	9.7	14.5

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#78

Pyrene

Concen: 58.982 ng

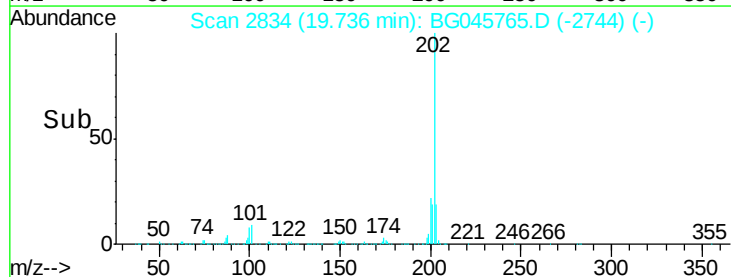
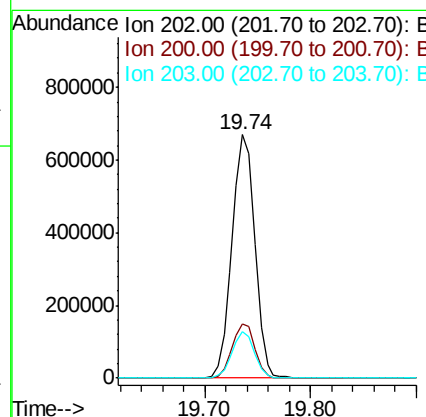
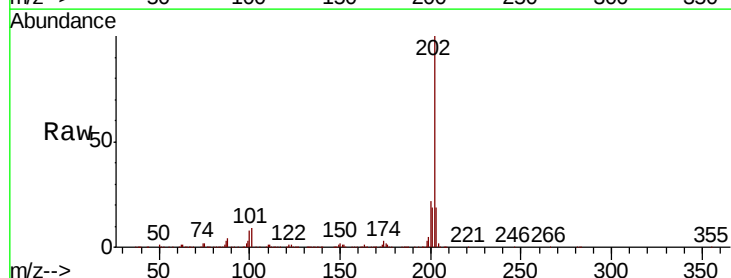
RT: 19.74 min Scan# 2834

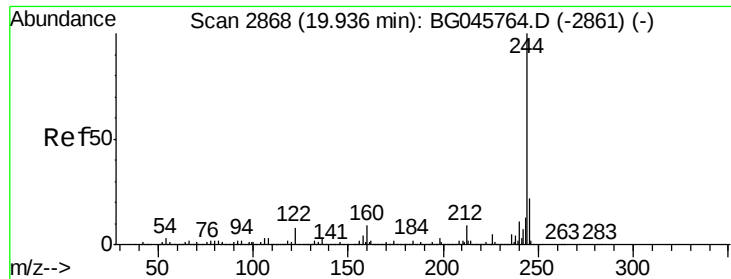
Delta R.T. -0.00 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Tgt Ion:	202	Resp:	999442
Ion Ratio	Lower	Upper	
202	100		
200	22.4	18.2	27.2
203	19.1	14.8	22.2





#79

Terphenyl-d14

Concen: 116.390 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Instrument :

BNA_G

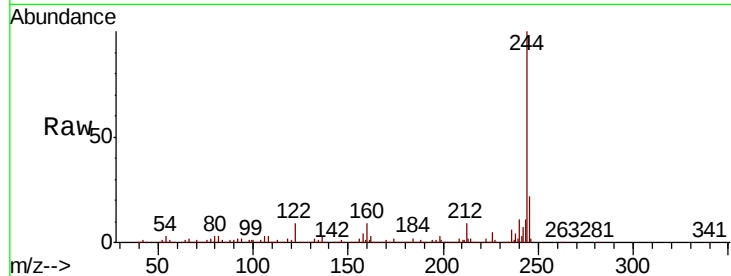
ClientSampleId :

SSTDICC050

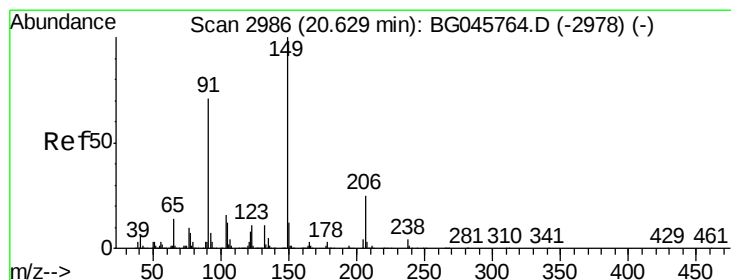
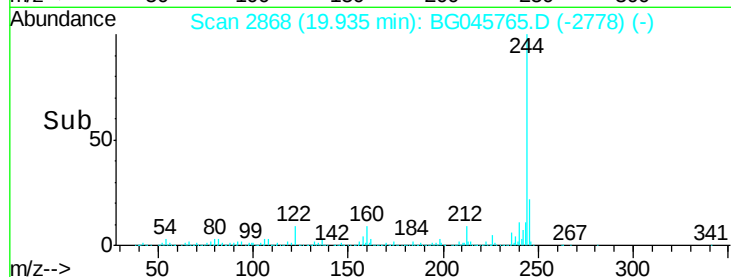
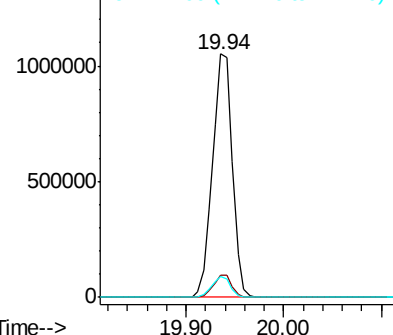
Tot Ion:	244	Resp:	1483411
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.2	10.8
122	8.7	6.4	9.6

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 57.659 ng

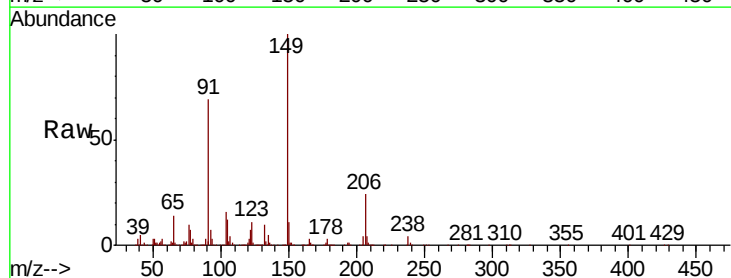
RT: 20.63 min Scan# 2986

Delta R.T. -0.00 min

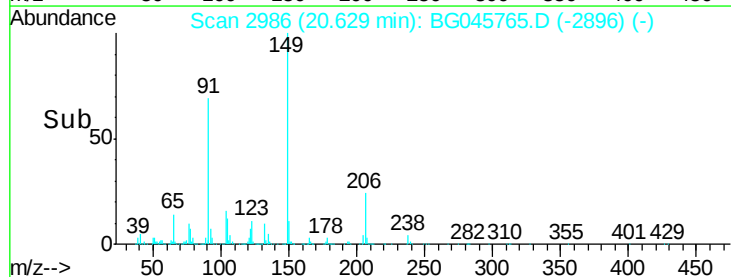
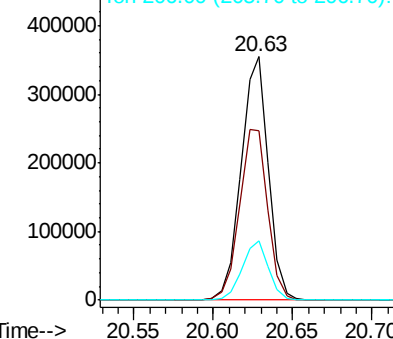
Lab File: BG045765.D

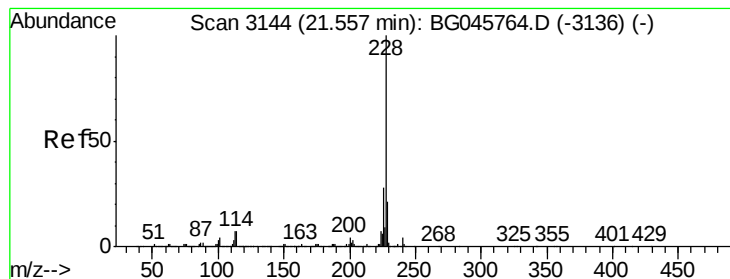
Acq: 15 Jun 2020 14:57

Tgt Ion:	149	Resp:	421716
Ion	Ratio	Lower	Upper
149	100		
91	69.5	56.4	84.6
206	24.4	19.8	29.6



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: 58.439 ng

RT: 21.56 min Scan# 3145

Delta R.T. 0.01 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Instrument :

BNA_G

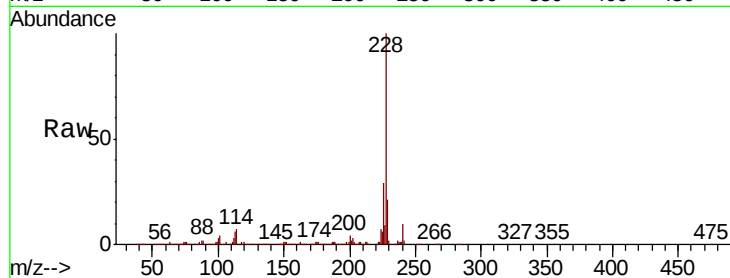
ClientSampleId :

SSTDIC050

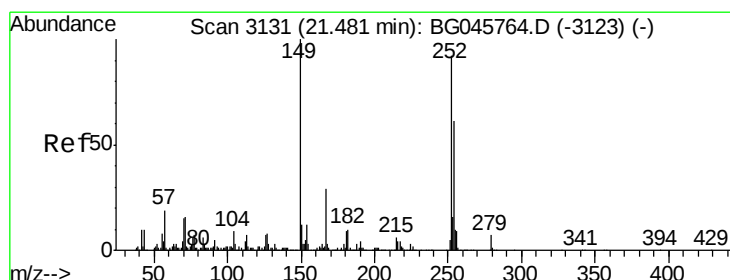
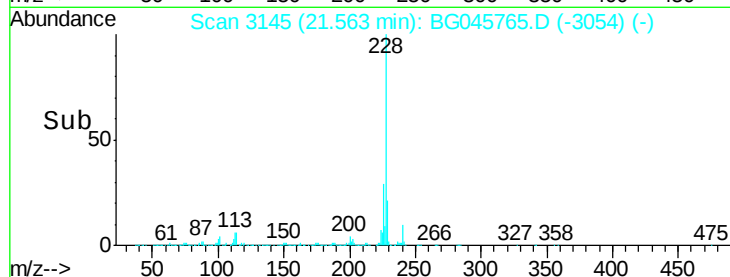
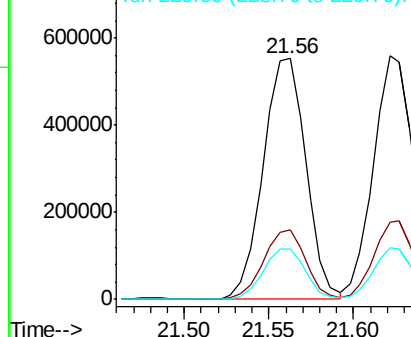
Tot Ion:	228	Resp:	967702
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.7	34.1
229	20.8	16.6	24.8

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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: 57.100 ng

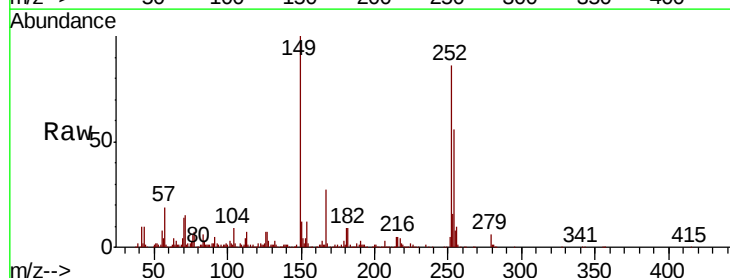
RT: 21.48 min Scan# 3131

Delta R.T. -0.00 min

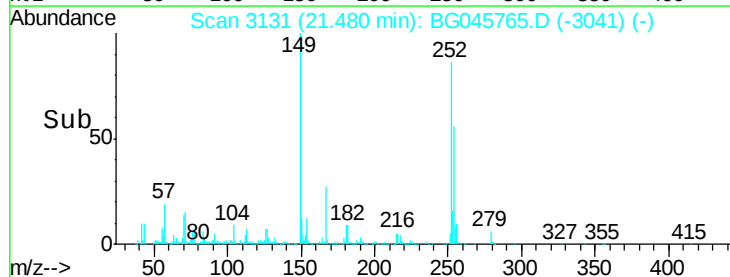
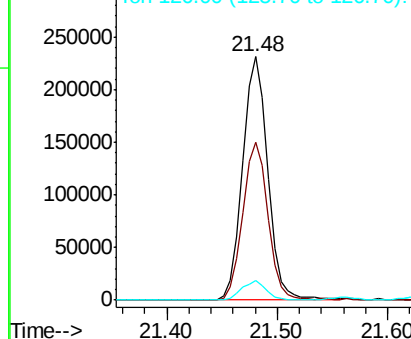
Lab File: BG045765.D

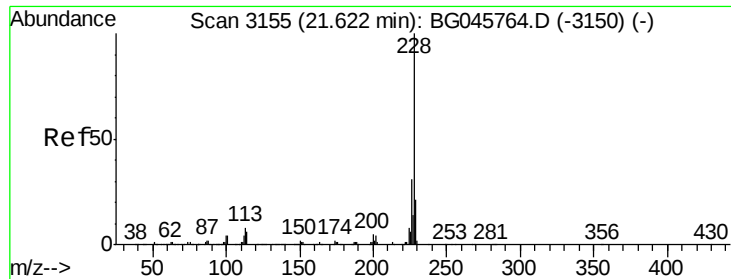
Acq: 15 Jun 2020 14:57

Tgt Ion:	252	Resp:	370894
Ion Ratio	Lower	Upper	
252	100		
254	64.7	53.4	80.0
126	7.9	5.8	8.8



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





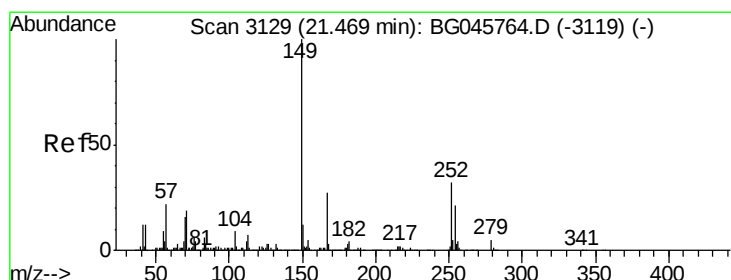
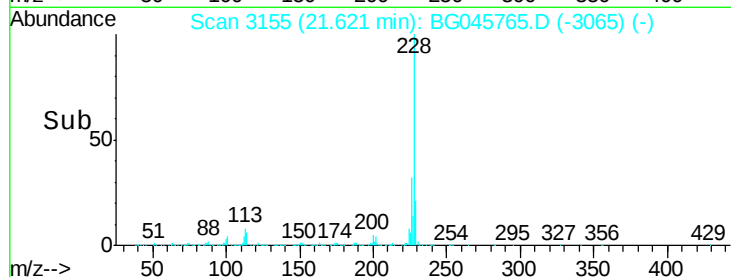
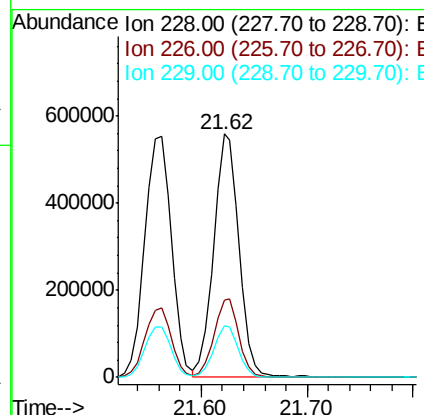
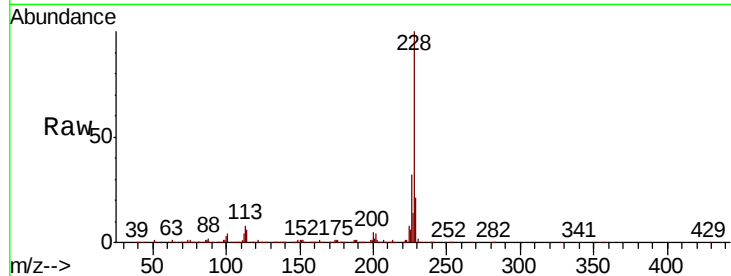
#83
 Chrvsene
 Concen: 58.572 ng
 RT: 21.62 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: BG045765.D
 Acq: 15 Jun 2020 14:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.1	37.7
229	21.3	16.4	24.6

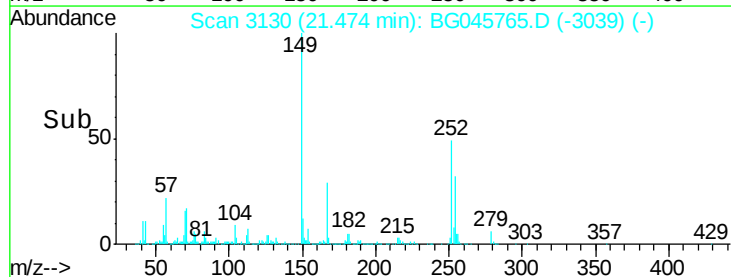
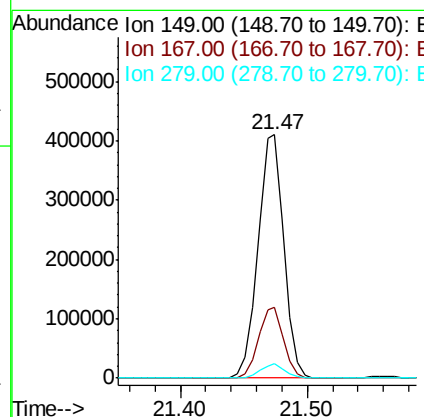
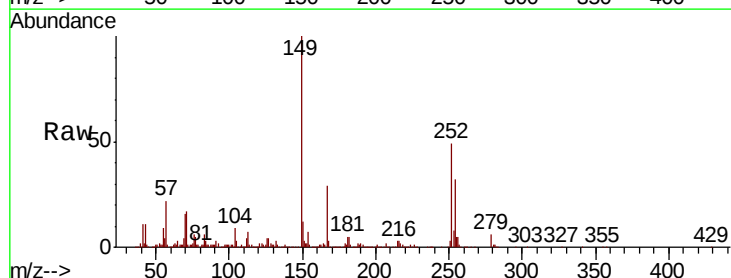
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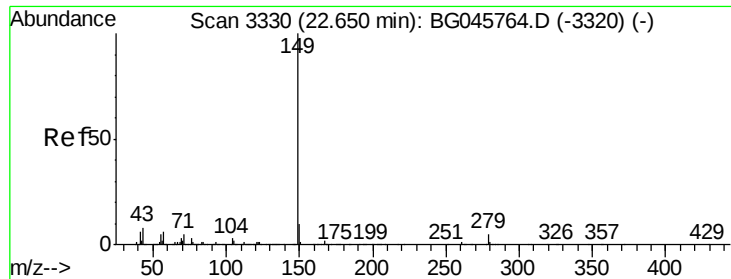
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.919 ng
 RT: 21.47 min Scan# 3130
 Delta R.T. 0.01 min
 Lab File: BG045765.D
 Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.3	31.9
279	5.9	3.7	5.5#





#85

Di-n-octyl phthalate

Concen: 58.503 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.00 min

Lab File: BG045765.D

Acq: 15 Jun 2020 14:57

Instrument :

BNA_G

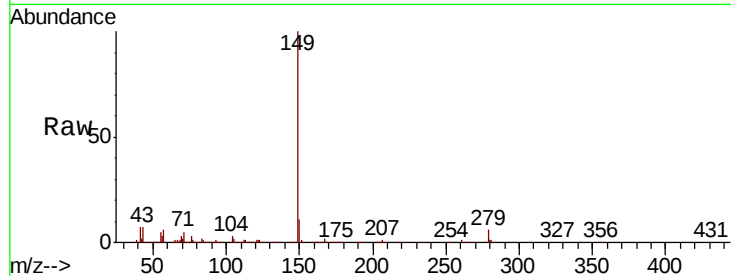
ClientSampleId :

SSTDIC050

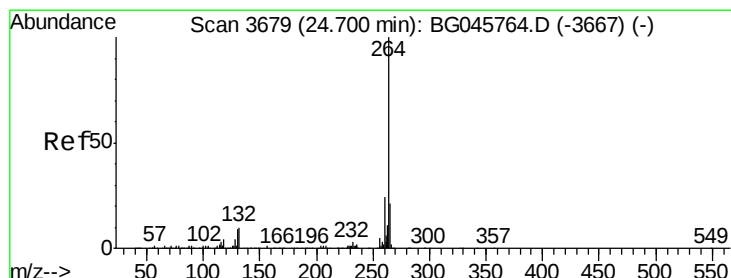
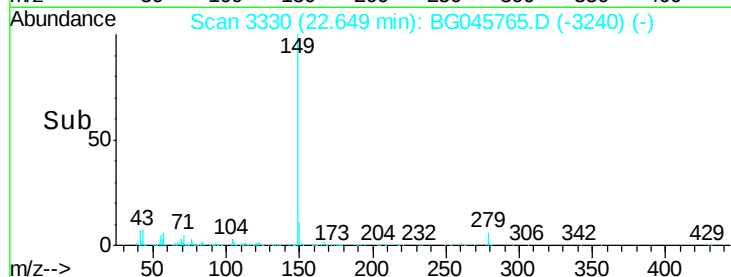
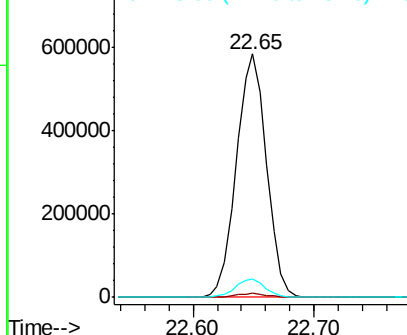
Tot Ion:	149	Resp:	1010219
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.4	5.9	8.9

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Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

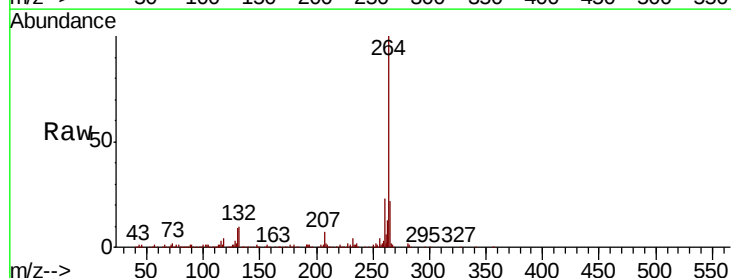
RT: 24.71 min Scan# 3680

Delta R.T. 0.01 min

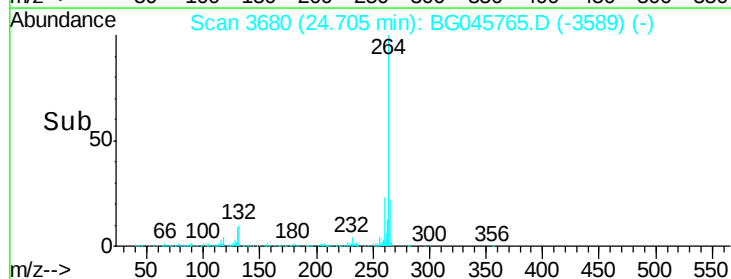
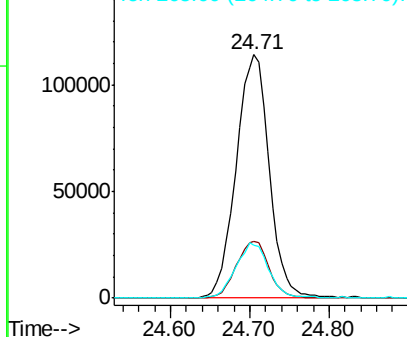
Lab File: BG045765.D

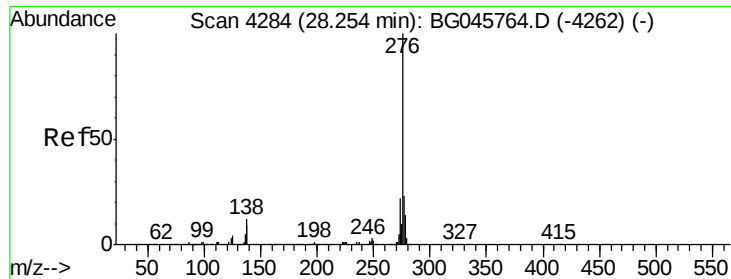
Acq: 15 Jun 2020 14:57

Tgt Ion:	264	Resp:	329478
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	22.0	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
150000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





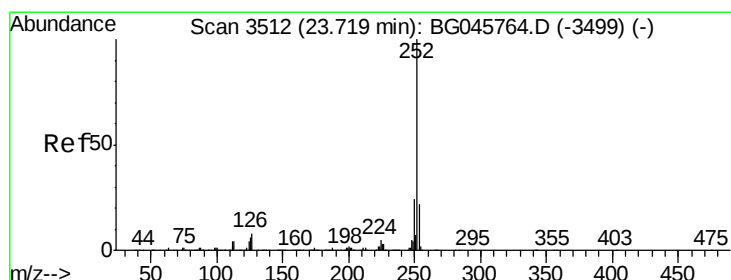
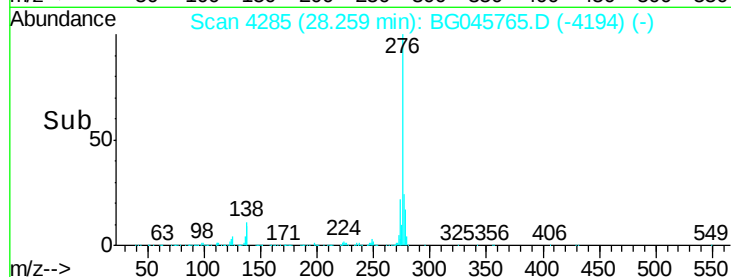
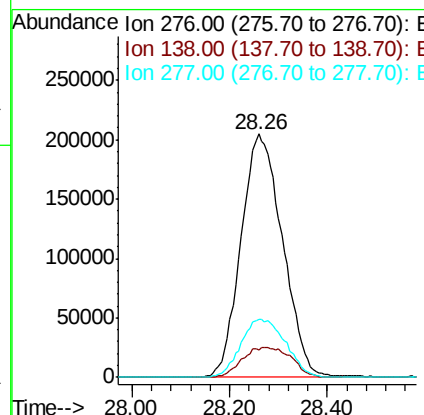
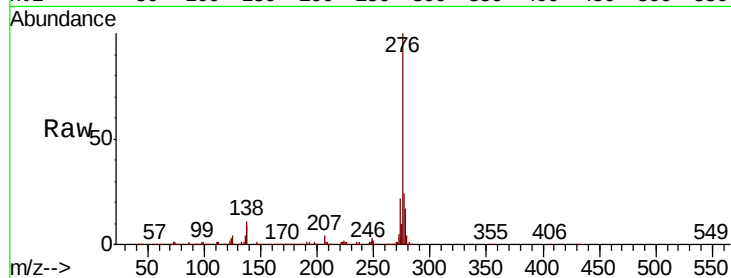
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 58.588 ng
 RT: 28.26 min Scan# 4285
 Delta R.T. 0.01 min
 Lab File: BG045765.D
 Acq: 15 Jun 2020 14:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion:276 Resp: 1210245
 Ion Ratio Lower Upper
 276 100
 138 14.6 5.4 8.0#
 277 25.8 20.6 30.8

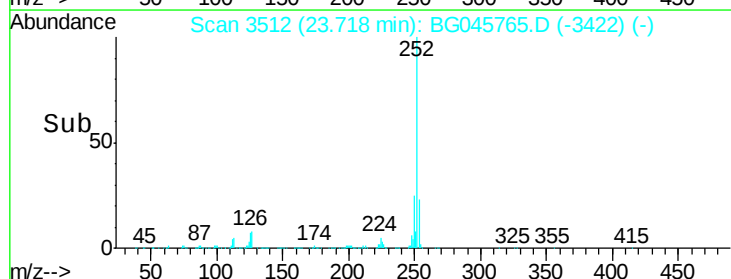
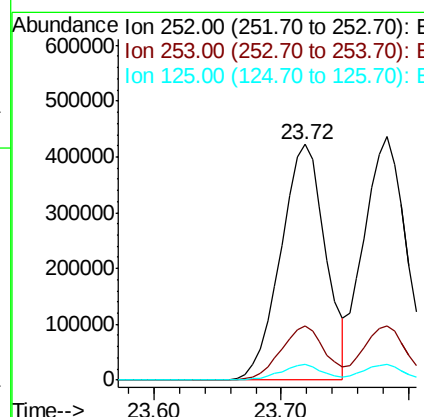
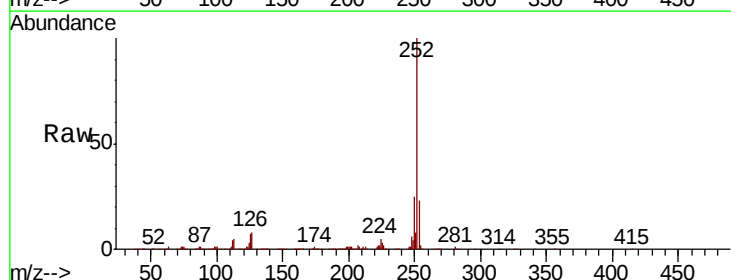
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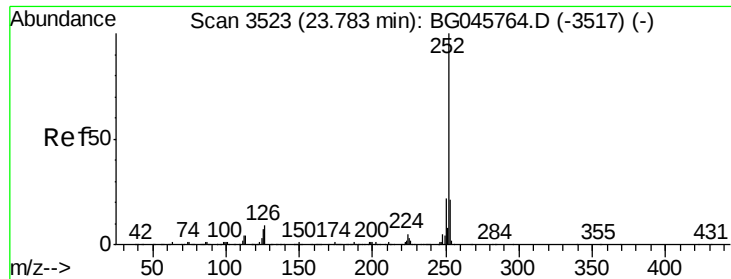
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#88
 Benzo(b)fluoranthene
 Concen: 58.711 ng
 RT: 23.72 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: BG045765.D
 Acq: 15 Jun 2020 14:57

Tgt Ion:252 Resp: 1037434
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.4 26.0
 125 6.9 5.0 7.4





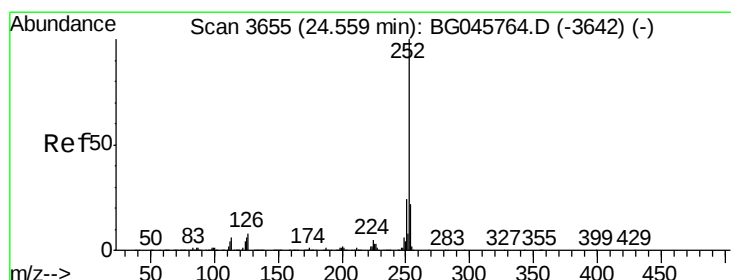
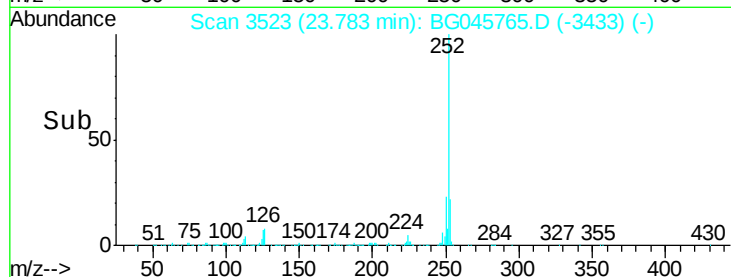
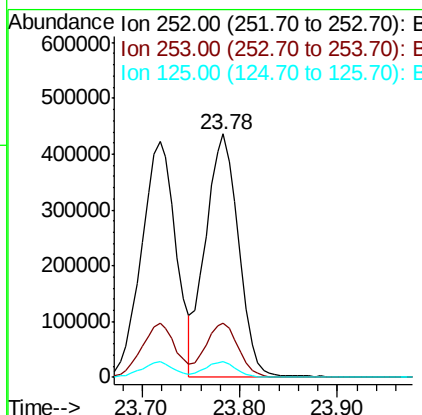
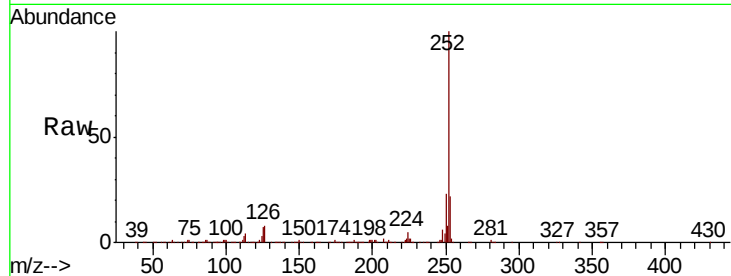
#89
Benzo(k)fluoranthene
Concen: 61.113 ng
RT: 23.78 min Scan# 3523
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	6.6	5.2	7.8

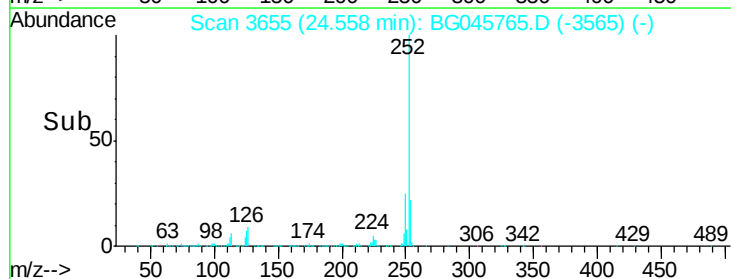
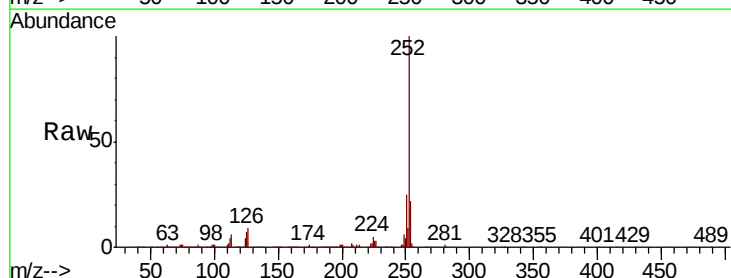
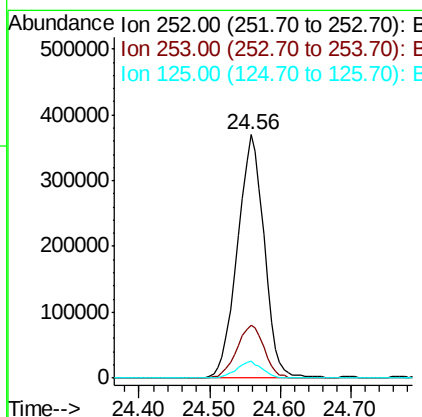
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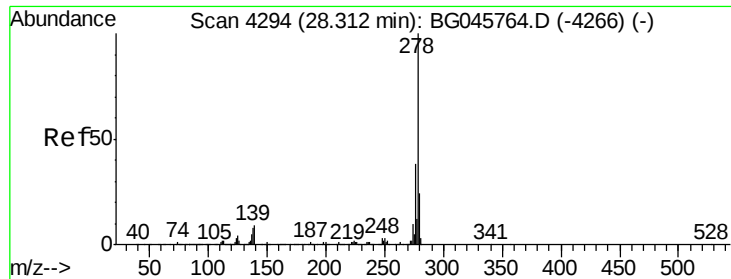
mohammad
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#90
Benzo(a)pyrene
Concen: 59.356 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.00 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	6.9	5.0	7.6





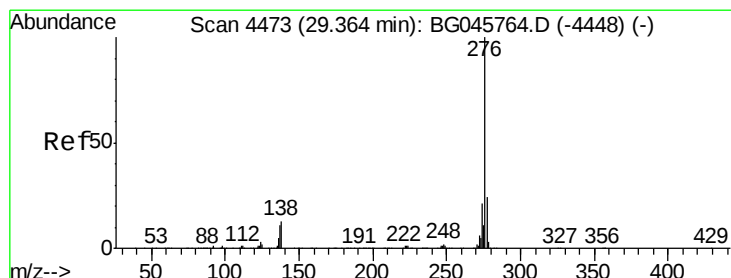
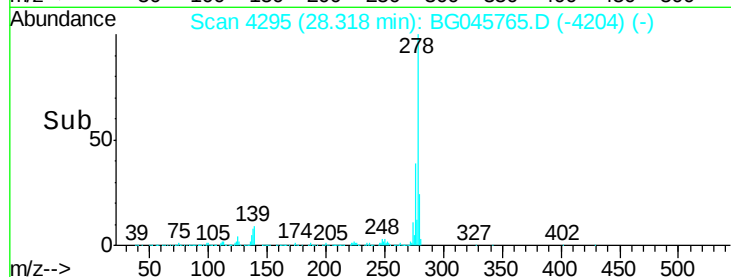
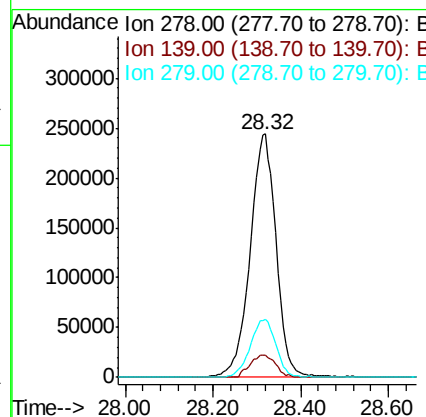
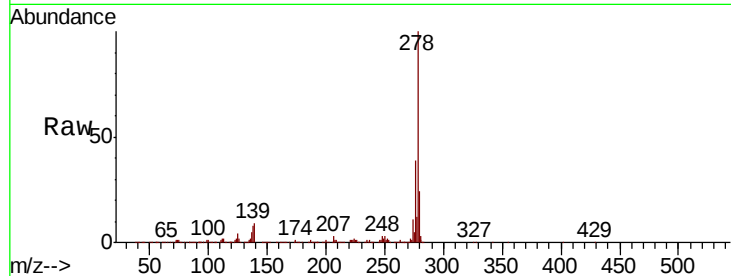
#91
Dibenzo(a,h)anthracene
Concen: 58.879 ng
RT: 28.32 min Scan# 4295
Delta R.T. 0.01 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.3	10.9
279	24.1	19.5	29.3

Manual Integrations
APPROVED

mohammad
6/16/2020 11:06:12 AM



#92
Benzo(g,h,i)perylene
Concen: 58.826 ng
RT: 29.37 min Scan# 4474
Delta R.T. 0.01 min
Lab File: BG045765.D
Acq: 15 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	12.3	10.6	15.8

