

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
 Data File : BG045152.D
 Acq On : 23 Apr 2020 21:49
 Operator : CG/JU
 Sample : L2323-06MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMPMS

Manual Integrations
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Quant Time: Apr 24 03:42:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:58:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	82176	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	326707	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	233806	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	502615	20.00	ng	0.00
76) Chrysene-d12	21.66	240	409252	20.00	ng	0.00
87) Perylene-d12	24.84	264	438979	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	718419	144.33	ng	0.01
7) Phenol-d6	7.18	99	936401	126.62	ng	0.01
23) Nitrobenzene-d5	9.17	82	744445	103.97	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	546448	151.29	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1664961	104.42	ng	0.00
79) Terphenyl-d14	20.01	244	2230109	118.77	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	86131	38.94	ng	# 48
3) Pyridine	3.89	79	221745	32.56	ng	96
4) n-Nitrosodimethylamine	3.79	42	101919	48.85	ng	89
6) Aniline	7.33	93	195735	20.36	ng	95
8) 2-Chlorophenol	7.58	128	302543	56.56	ng	98
9) Benzaldehyde	7.14	77	107977	21.89	ng	97
10) Phenol	7.21	94	333537	45.07	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	286256	48.58	ng	97
12) 1,3-Dichlorobenzene	7.90	146	334864	53.12	ng	99
13) 1,4-Dichlorobenzene	8.05	146	339113	53.99	ng	98
14) 1,2-Dichlorobenzene	8.37	146	320283	53.30	ng	95
15) Benzyl Alcohol	8.25	79	309109	49.85	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	261453	45.20	ng	93
17) 2-Methylphenol	8.46	107	266030	46.59	ng	95
18) Hexachloroethane	9.10	117	125441	53.12	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	250123	47.82	ng	98
20) 3+4-Methylphenols	8.79	107	363736	45.51	ng	99
22) Acetophenone	8.83	105	471724	53.39	ng	99
24) Nitrobenzene	9.21	77	388629	52.95	ng	# 98
25) Isophorone	9.74	82	701334	47.83	ng	98
26) 2-Nitrophenol	9.93	139	183581	58.07	ng	98
27) 2,4-Dimethylphenol	10.00	122	272311	54.29	ng	94
28) bis(2-Chloroethoxy)methane	10.22	93	392961	51.01	ng	99
29) 2,4-Dichlorophenol	10.47	162	326181	56.31	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	372763	56.84	ng	96
31) Naphthalene	10.87	128	1001748	56.05	ng	99
32) Benzoic acid	10.16	122	209545	51.22	ng	95
33) 4-Chloroaniline	10.98	127	47689	5.72	ng	97
34) Hexachlorobutadiene	11.16	225	249545	55.50	ng	96
35) Caprolactam	11.75	113	83499m	36.22	ng	
36) 4-Chloro-3-methylphenol	12.10	107	362952	53.34	ng	98
37) 2-Methylnaphthalene	12.47	142	750270	54.08	ng	95
38) 1-Methylnaphthalene	12.69	142	727106	55.52	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	416074	55.27	ng	99

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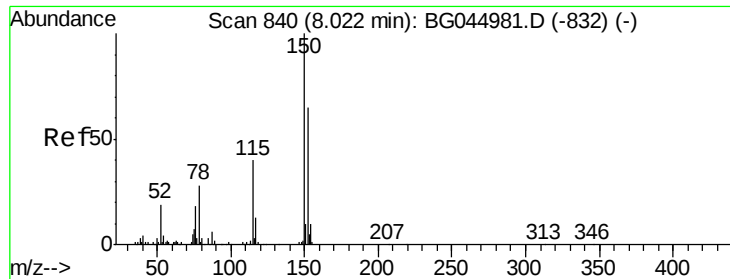
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	259145	55.08	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	303831	57.19	ng	98
44) 2,4,5-Trichlorophenol	13.16	196	314977	52.08	ng	99
46) 1,1'-Biphenyl	13.48	154	931955	52.44	ng	97
47) 2-Chloronaphthalene	13.53	162	739926	54.49	ng	99
48) 2-Nitroaniline	13.72	65	232025	51.93	ng	97
49) Acenaphthylene	14.37	152	1151134	52.05	ng	99
50) Dimethylphthalate	14.10	163	949351	49.87	ng	98
51) 2,6-Dinitrotoluene	14.22	165	220029	51.67	ng	97
52) Acenaphthene	14.71	154	787370m	52.61	ng	
53) 3-Nitroaniline	14.55	138	116160	24.87	ng	96
54) 2,4-Dinitrophenol	14.75	184	106672	42.13	ng	95
55) Dibenzofuran	15.05	168	1131738	51.87	ng	94
56) 4-Nitrophenol	14.87	139	312428	86.28	ng	98
57) 2,4-Dinitrotoluene	15.01	165	302305	48.58	ng	# 98
58) Fluorene	15.70	166	928189	52.08	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	301091	55.95	ng	98
60) Diethylphthalate	15.47	149	962387	48.49	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	520637	50.76	ng	98
62) 4-Nitroaniline	15.71	138	161915	33.43	ng	96
63) Azobenzene	15.98	77	923649	50.47	ng	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	88448	26.77	ng	98
66) n-Nitrosodiphenylamine	15.91	169	810190	56.10	ng	98
67) 4-Bromophenyl-phenylether	16.58	248	355293	54.79	ng	98
68) Hexachlorobenzene	16.71	284	379959	56.50	ng	96
69) Atrazine	16.86	200	321373	62.92	ng	99
70) Pentachlorophenol	17.05	266	459688	111.43	ng	99
71) Phenanthrene	17.44	178	1408053	54.52	ng	98
72) Anthracene	17.53	178	1428357	55.13	ng	98
73) Carbazole	17.80	167	1293971	49.22	ng	99
74) Di-n-butylphthalate	18.36	149	1505527	53.79	ng	99
75) Fluoranthene	19.45	202	1545673	51.85	ng	99
77) Benzidine	19.62	184	368953	29.01	ng	98
78) Pyrene	19.81	202	1527567	54.14	ng	99
80) Butylbenzylphthalate	20.69	149	602155	51.49	ng	98
81) Benzo(a)anthracene	21.64	228	1439267	54.26	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	473793	44.88	ng	98
83) Chrysene	21.71	228	1378905	54.10	ng	100
84) Bis(2-ethylhexyl)phthalate	21.56	149	843489	52.44	ng	99
85) Di-n-octyl phthalate	22.76	149	1424854	51.23	ng	99
86) Indeno(1,2,3-cd)pyrene	28.46	276	1711112	50.57	ng	# 96
88) Benzo(b)fluoranthene	23.84	252	1524910	55.46	ng	98
89) Benzo(k)fluoranthene	23.91	252	1499841	57.36	ng	99
90) Benzo(a)pyrene	24.70	252	1408831	54.27	ng	# 98
91) Dibenzo(a,h)anthracene	28.53	278	1473030	56.31	ng	98
92) Benzo(g,h,i)perylene	29.60	276	1335122	50.91	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.01 min Scan# 838

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

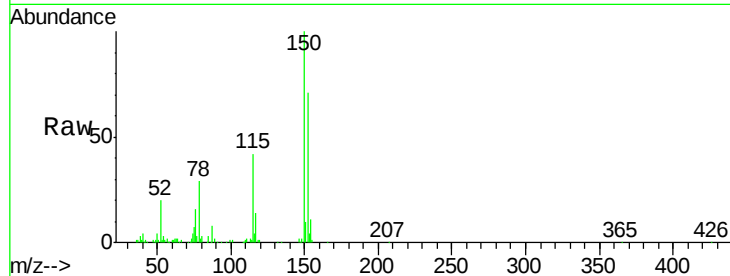
ClientSampleId :

TP-20-COMPMS

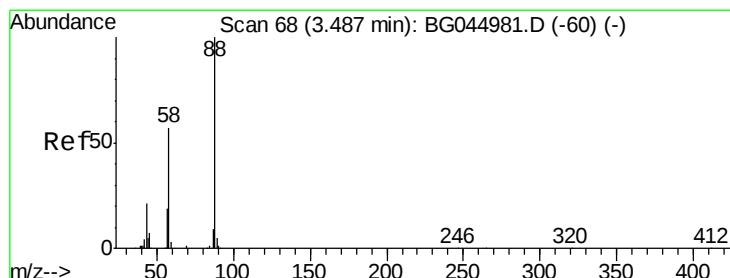
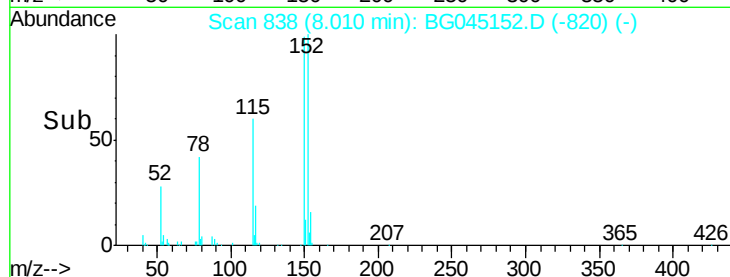
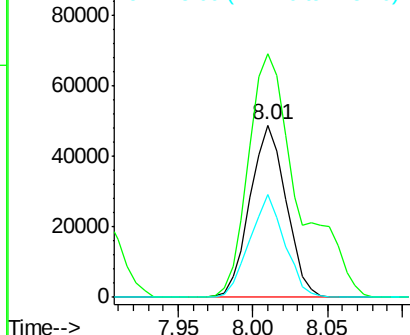
Tgt Ion:	152	Resp:	82176
Ion Ratio	Lower	Upper	
152	100		
150	141.2	123.6	185.4
115	59.6	49.1	73.7

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.94 ng

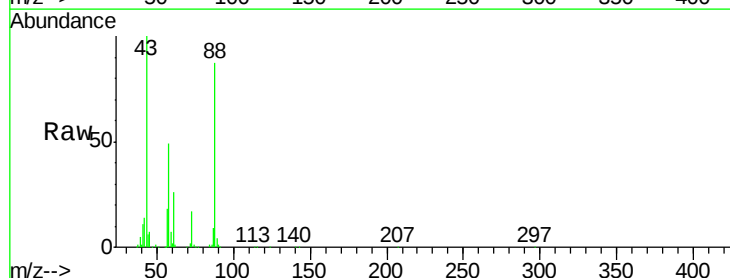
RT: 3.49 min Scan# 68

Delta R.T. 0.02 min

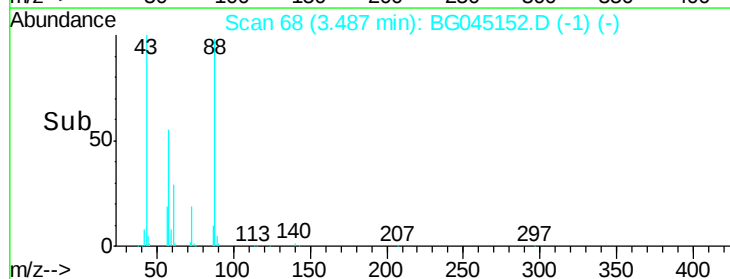
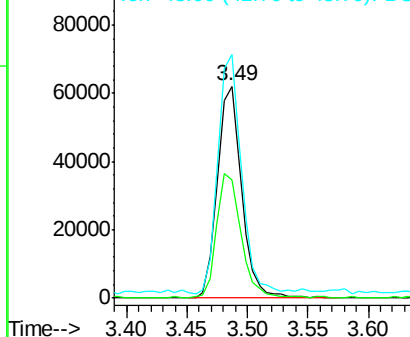
Lab File: BG045152.D

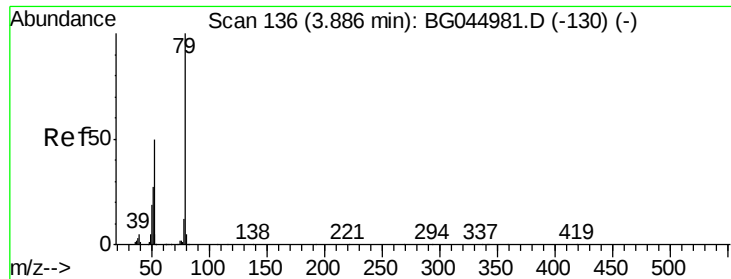
Acq: 23 Apr 2020 21:49

Tgt Ion:	88	Resp:	86131
Ion Ratio	Lower	Upper	
88	100		
58	60.1	46.6	69.8
43	109.2	17.5	26.3#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.56 ng

RT: 3.89 min Scan# 136

Delta R.T. 0.02 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

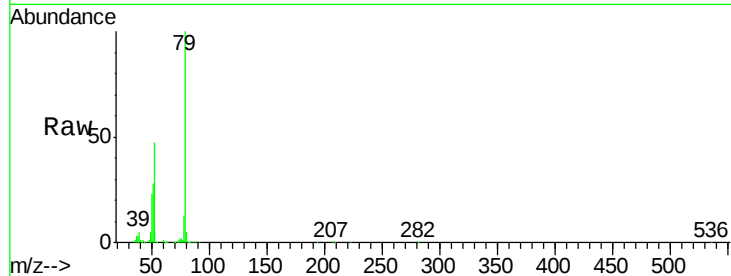
ClientSampleId :

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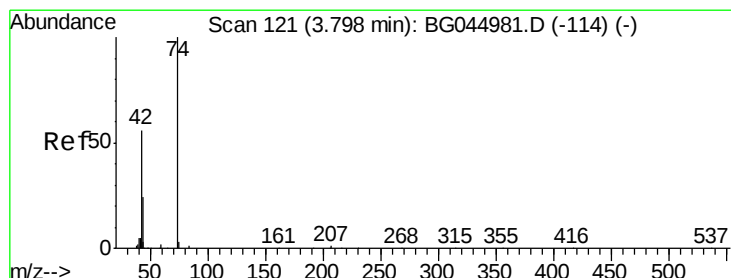
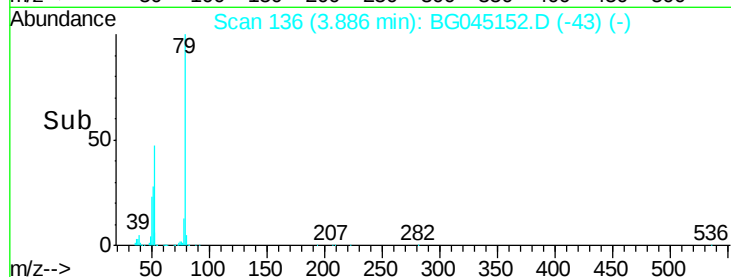
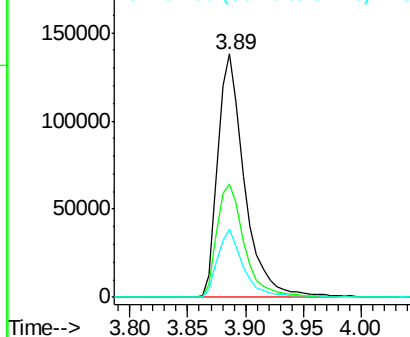
Tgt Ion:	79	Resp:	221745
Ion	Ratio	Lower	Upper
79	100		
52	46.6	39.8	59.6
51	27.8	21.4	32.2

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



#4

n-Nitrosodimethylamine

Concen: 48.85 ng

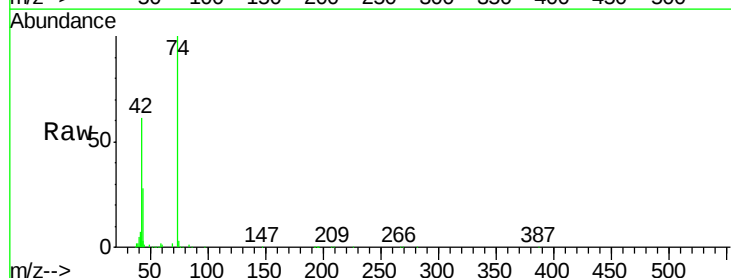
RT: 3.79 min Scan# 119

Delta R.T. 0.01 min

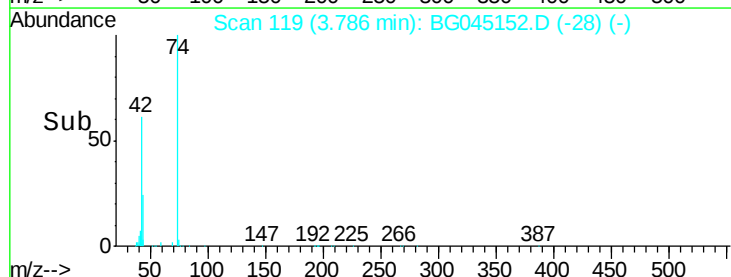
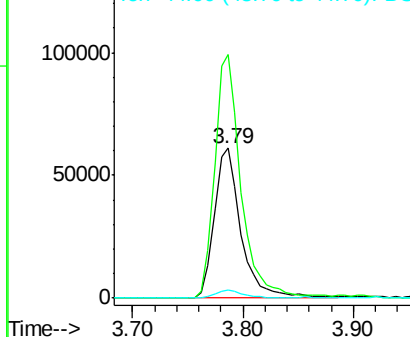
Lab File: BG045152.D

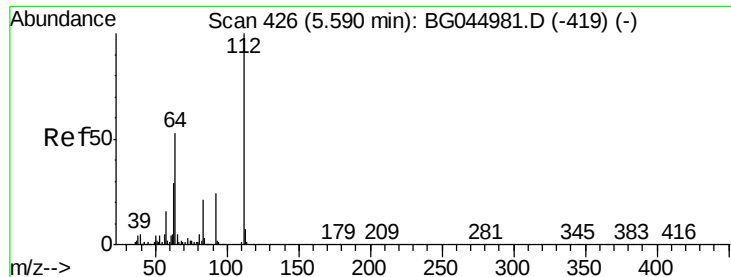
Acq: 23 Apr 2020 21:49

Tgt Ion:	42	Resp:	101919
Ion	Ratio	Lower	Upper
42	100		
74	162.6	143.0	214.6
44	5.6	4.6	6.8



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





#5

2-Fluorophenol

Concen: 144.33 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

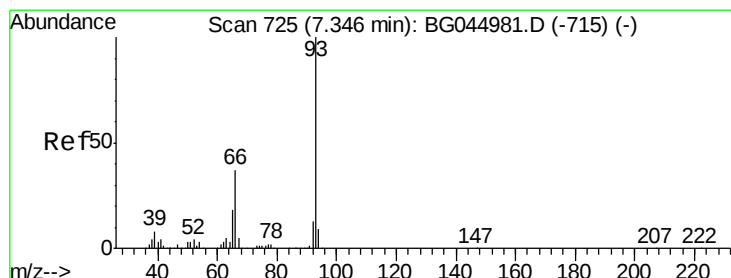
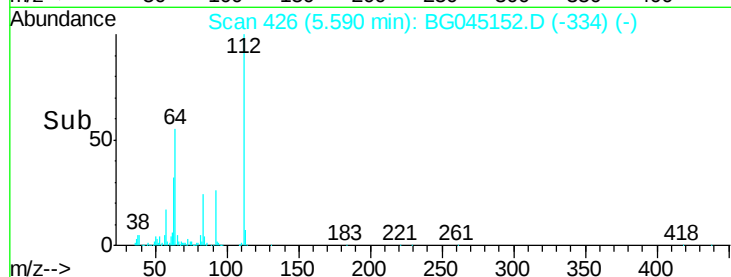
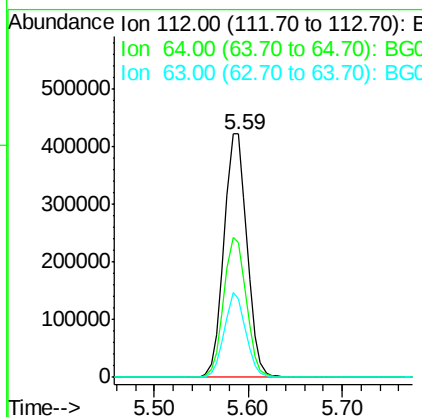
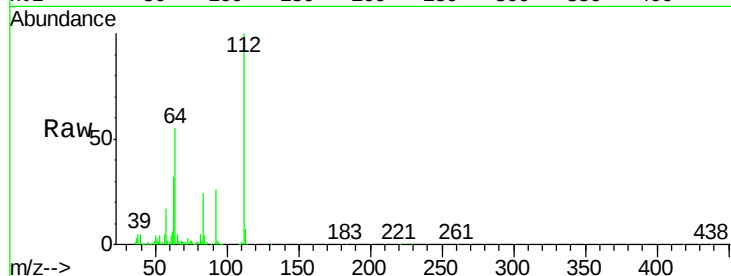
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Tgt Ion:	112	Resp:	718419
Ion Ratio	Lower	Upper	
112	100		
64	55.3	42.4	63.6
63	32.1	23.1	34.7

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#6

Aniline

Concen: 20.36 ng

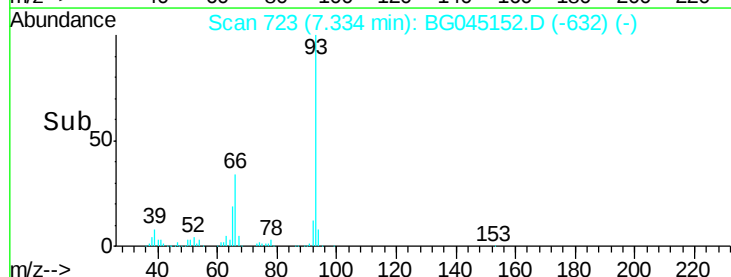
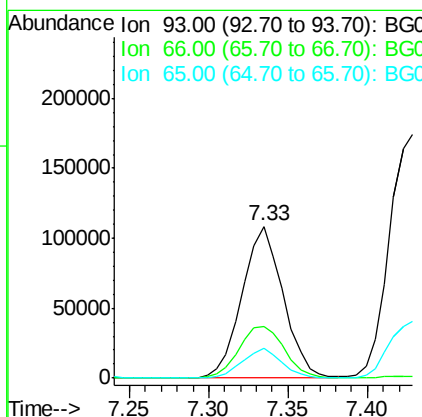
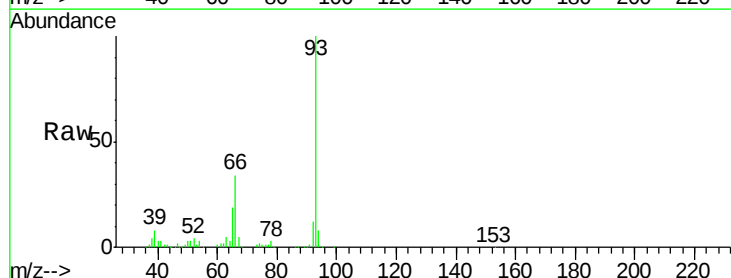
RT: 7.33 min Scan# 723

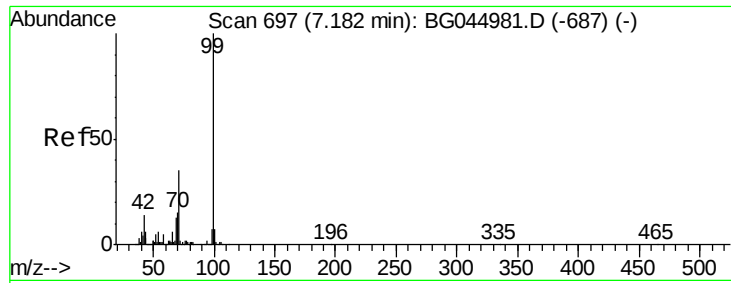
Delta R.T. 0.01 min

Lab File: BG045152.D

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Tgt Ion:	93	Resp:	195735
Ion Ratio	Lower	Upper	
93	100		
66	33.9	29.8	44.8
65	19.3	14.6	22.0





#7

Phenol-d6

Concen: 126.62 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

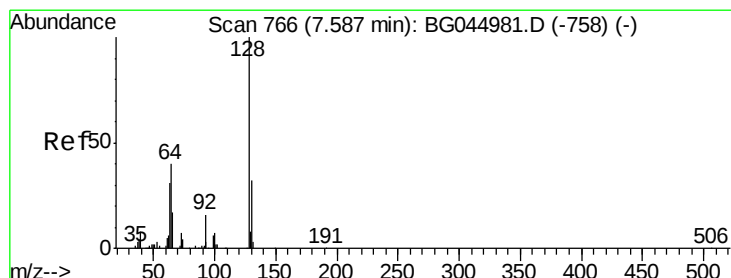
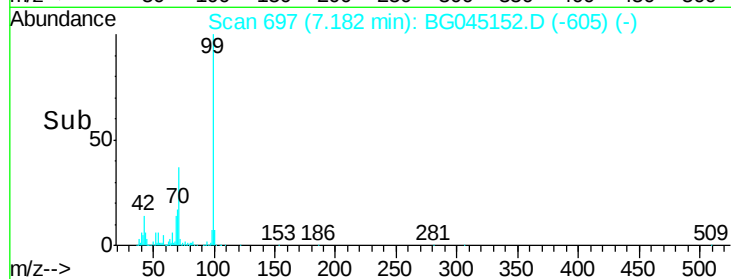
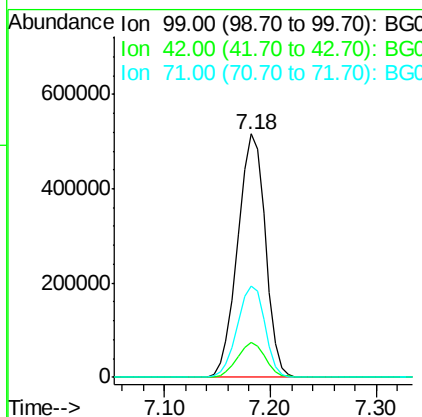
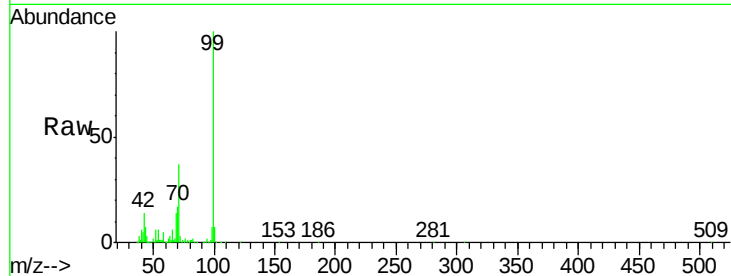
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Tgt Ion:	99	Resp:	936401
Ion Ratio	Lower	Upper	
99	100		
42	14.3	11.3	16.9
71	37.3	28.3	42.5

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#8

2-Chlorophenol

Concen: 56.56 ng

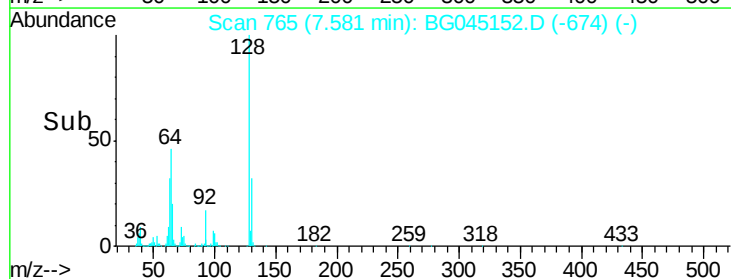
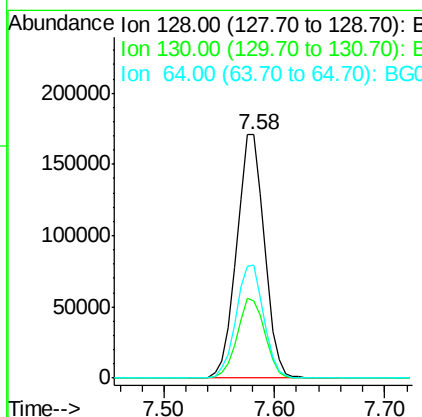
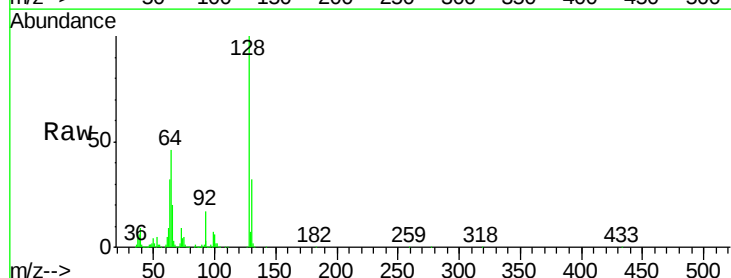
RT: 7.58 min Scan# 765

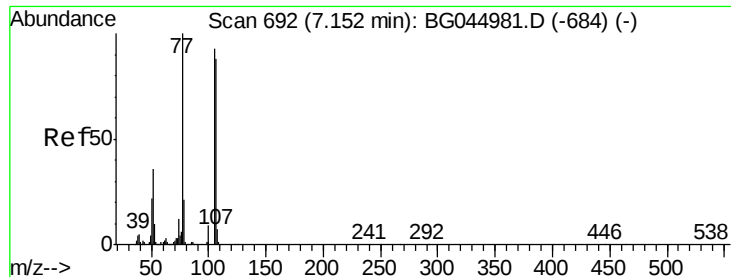
Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Tgt Ion:	128	Resp:	302543
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.3	52.3
64	46.5	24.4	64.4





#9

Benzaldehyde

Concen: 21.89 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

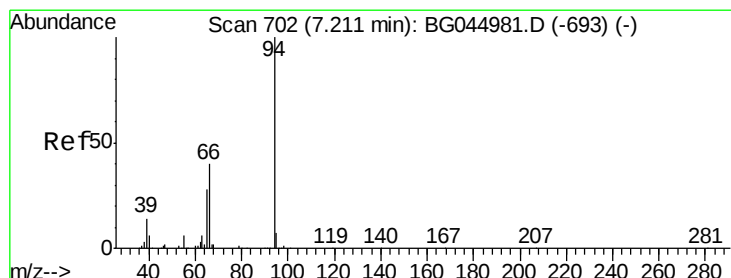
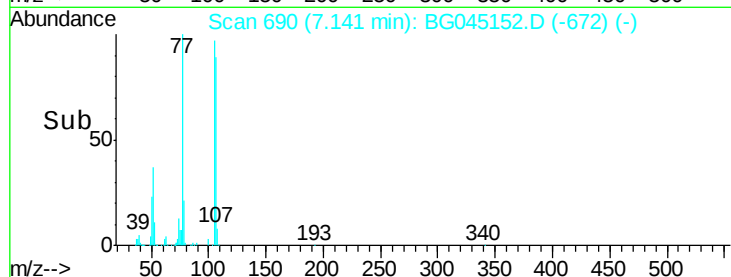
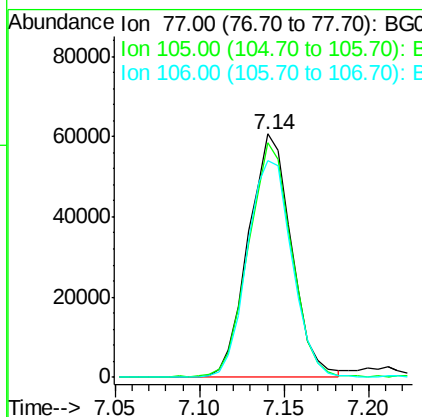
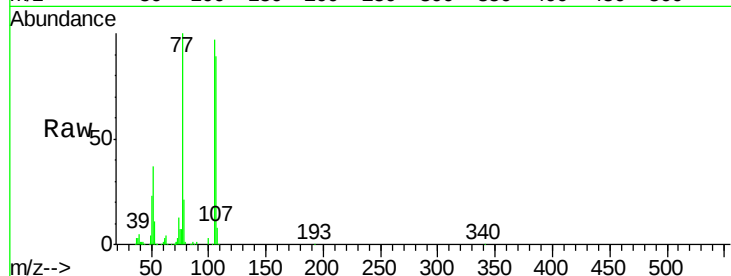
ClientSampleId :

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Tgt Ion:	77	Resp:	107977
Ion Ratio	Lower	Upper	
77	100		
105	96.6	72.9	112.9
106	88.8	67.6	107.6

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#10

Phenol

Concen: 45.07 ng

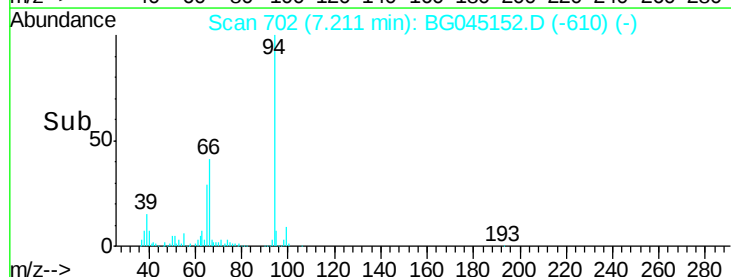
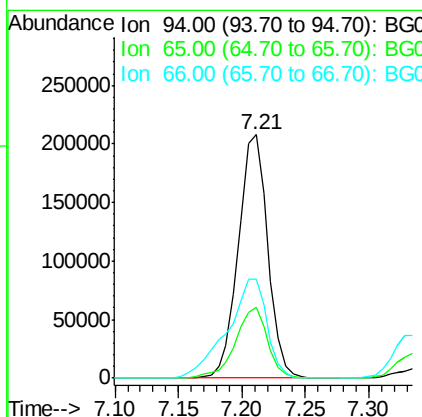
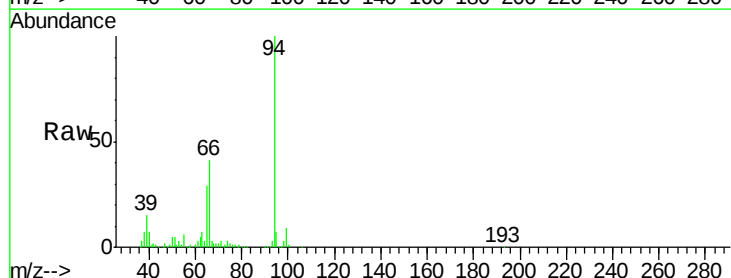
RT: 7.21 min Scan# 702

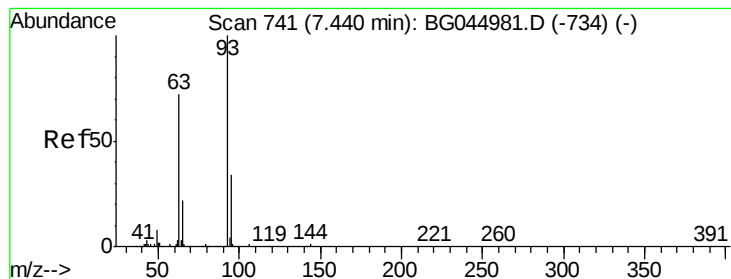
Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Tgt Ion:	94	Resp:	333537
Ion Ratio	Lower	Upper	
94	100		
65	28.8	8.2	48.2
66	40.6	20.4	60.4





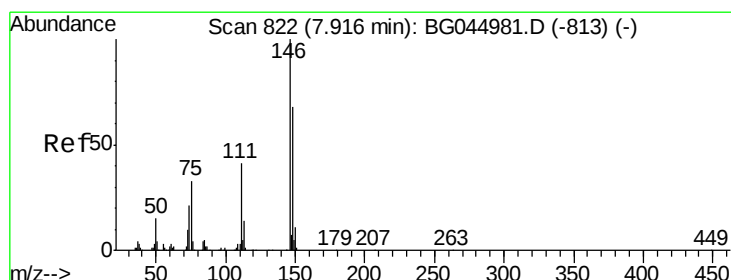
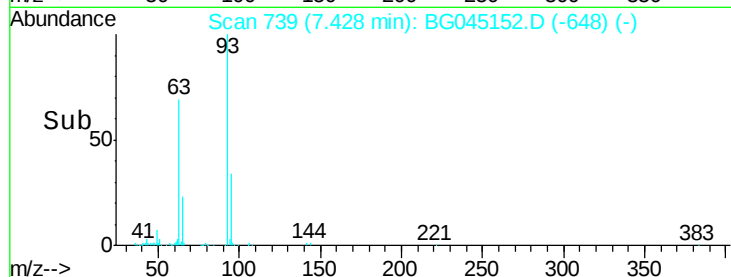
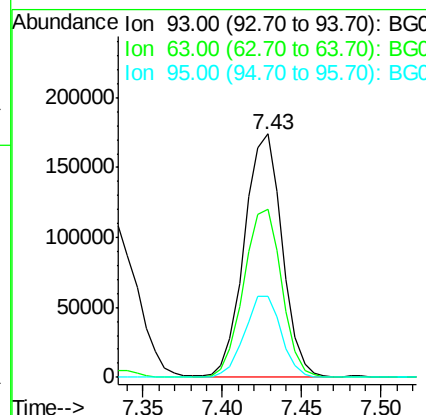
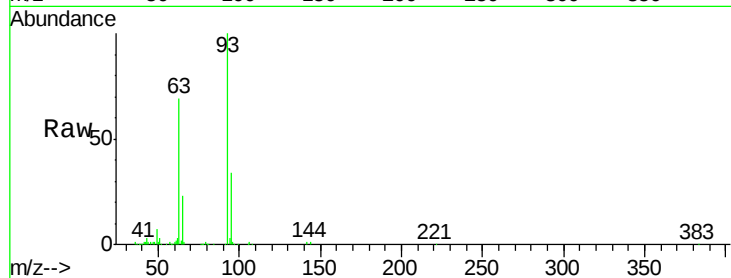
#11
bis(2-Chloroethyl)ether
Concen: 48.58 ng
RT: 7.43 min Scan# 739
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	68.8	51.8	91.8
95	33.5	13.8	53.8

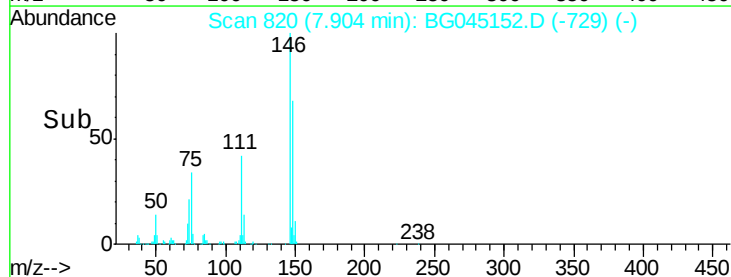
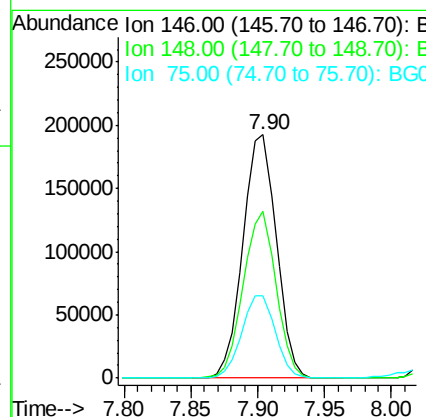
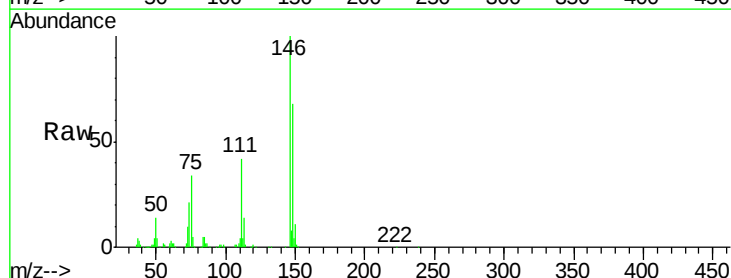
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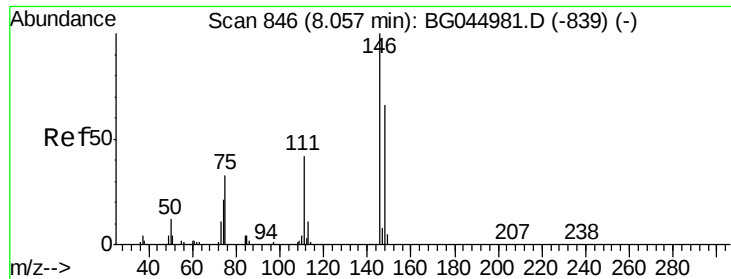
mohammad
4/24/2020 1:35:11 PM



#12
1,3-Dichlorobenzene
Concen: 53.12 ng
RT: 7.90 min Scan# 820
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	68.4	54.6	81.8
75	33.7	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 53.99 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

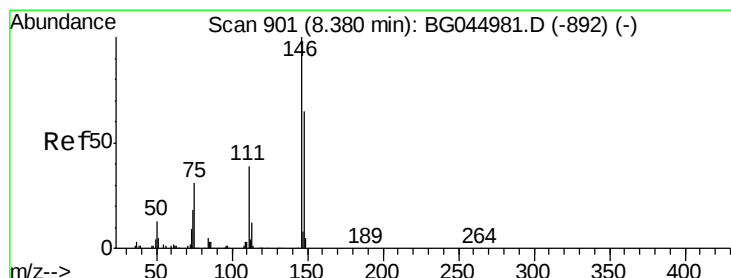
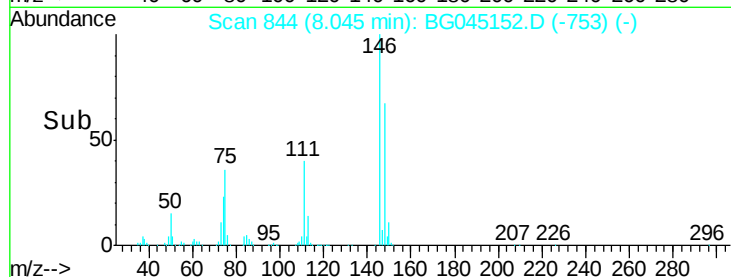
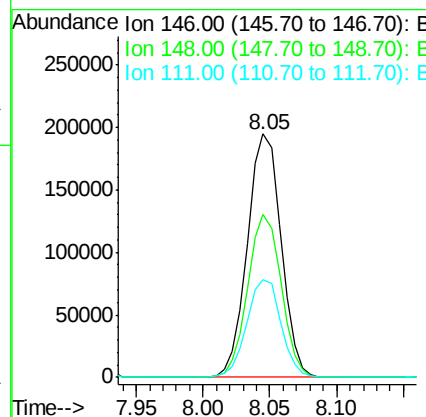
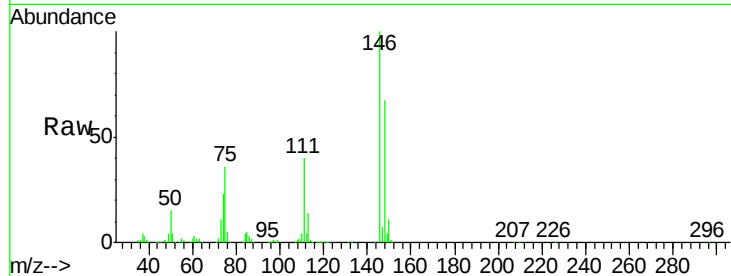
ClientSampleId :

TP-20-COMPMS

Tgt Ion:	146	Resp:	339113
Ion Ratio	Lower	Upper	
146	100		
148	67.2	53.3	79.9
111	40.3	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 53.30 ng

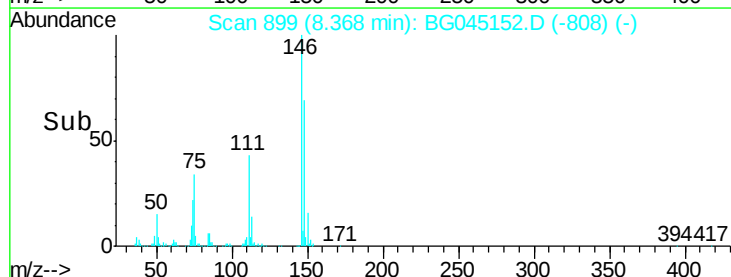
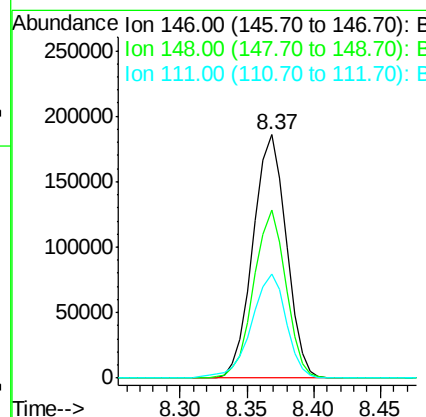
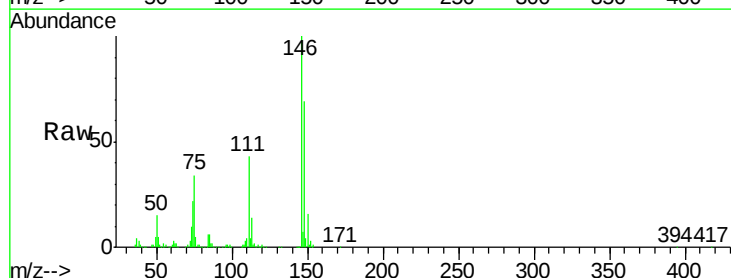
RT: 8.37 min Scan# 899

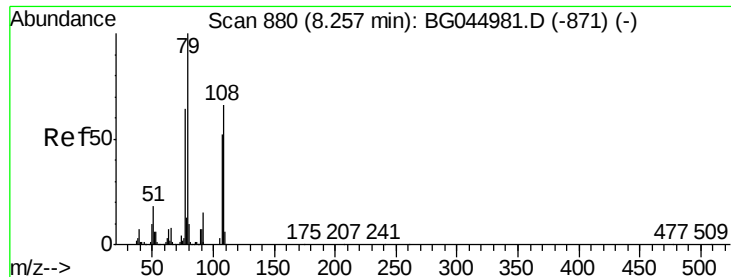
Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Tgt Ion:	146	Resp:	320283
Ion Ratio	Lower	Upper	
146	100		
148	68.8	51.9	77.9
111	42.9	31.3	46.9





#15

Benzyl Alcohol

Concen: 49.85 ng

RT: 8.25 min Scan# 879

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

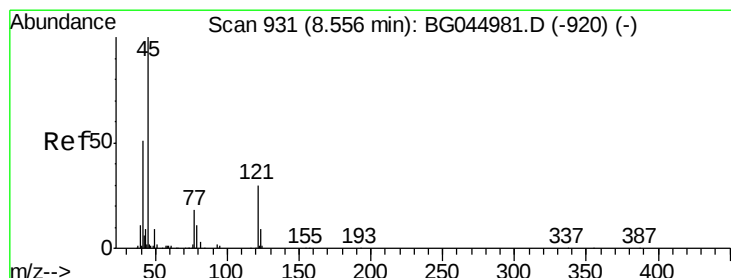
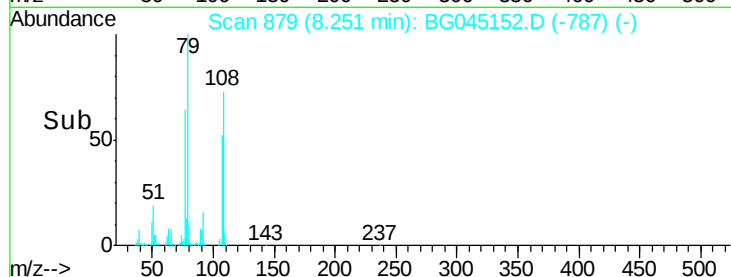
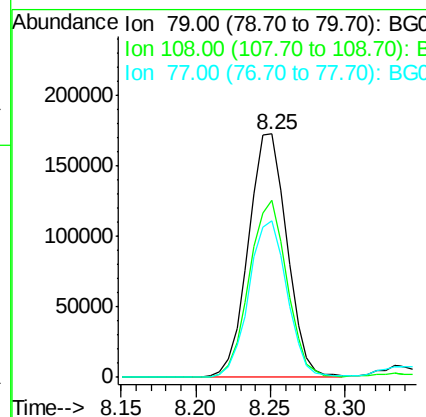
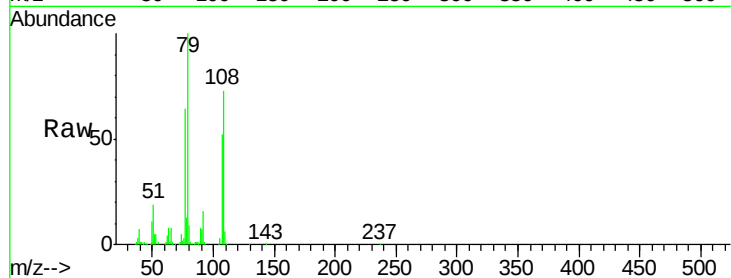
ClientSampleId :

TP-20-COMPMS

Tgt Ion:	79	Resp:	309109
Ion	Ratio	Lower	Upper
79	100		
108	72.9	52.7	79.1
77	64.2	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.20 ng

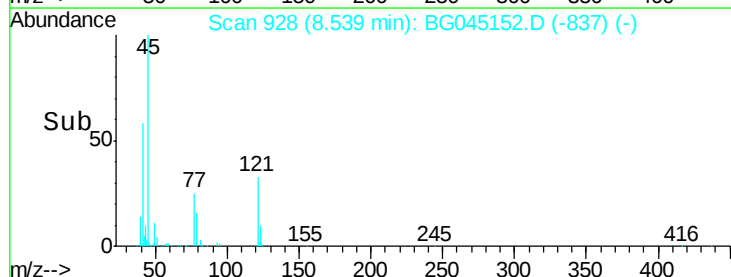
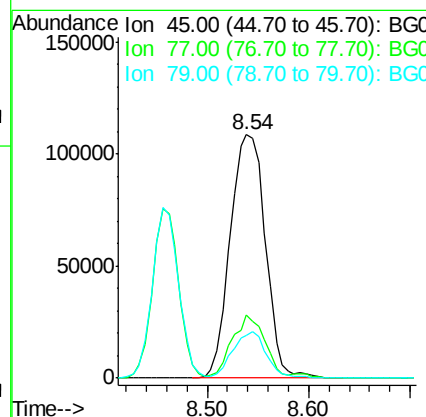
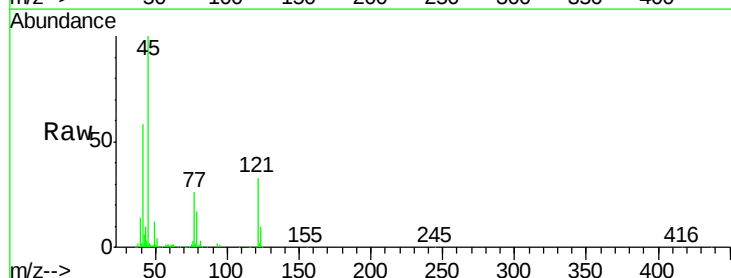
RT: 8.54 min Scan# 928

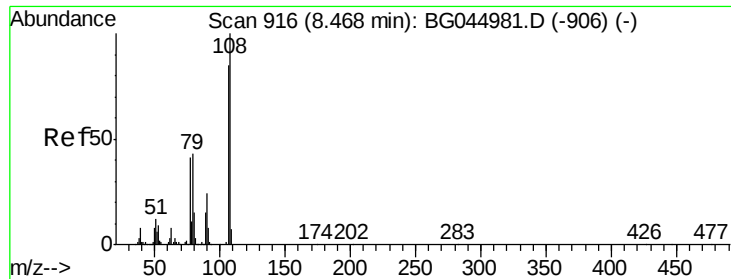
Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Tgt Ion:	45	Resp:	261453
Ion	Ratio	Lower	Upper
45	100		
77	26.2	1.9	41.9
79	17.3	0.0	35.5





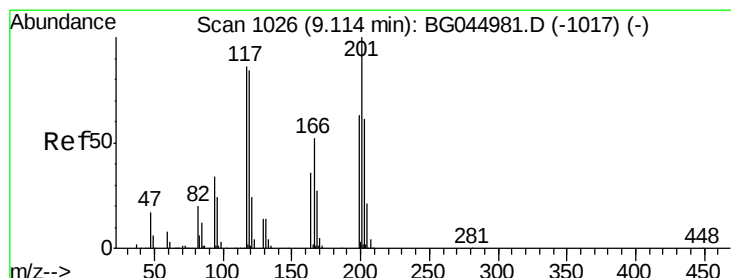
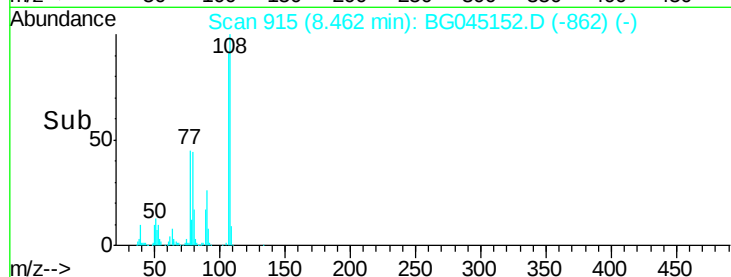
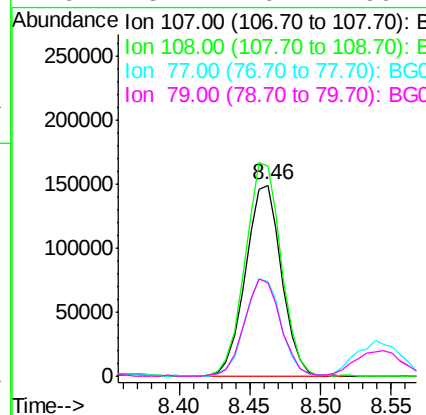
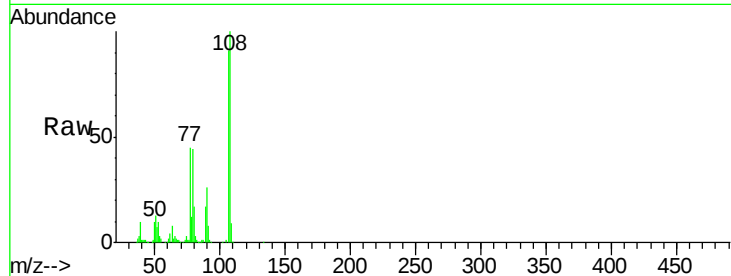
#17
2-Methylphenol
Concen: 46.59 ng
RT: 8.46 min Scan# 915
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	266030		
108	109.7	93.8	140.6	
77	49.3	38.5	57.7	
79	48.7	40.1	60.1	

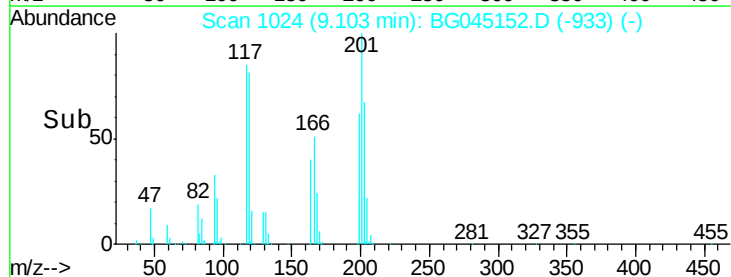
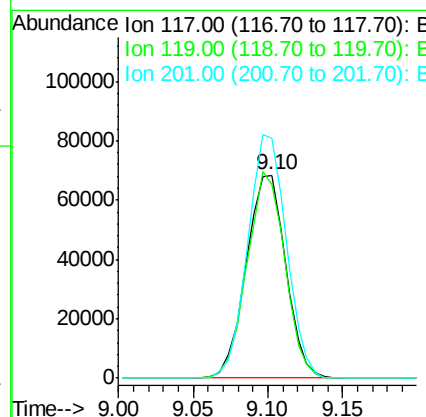
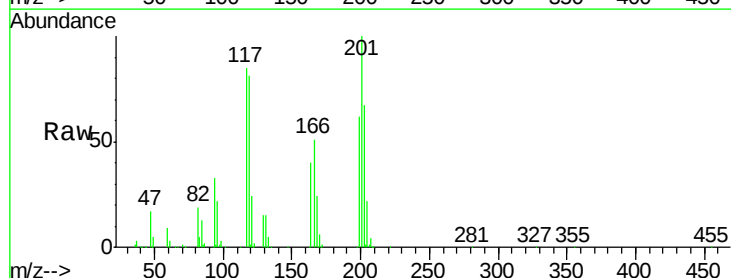
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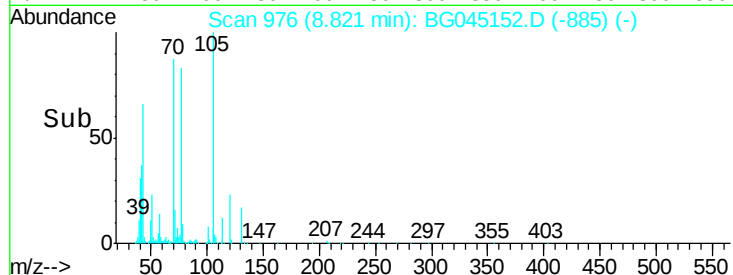
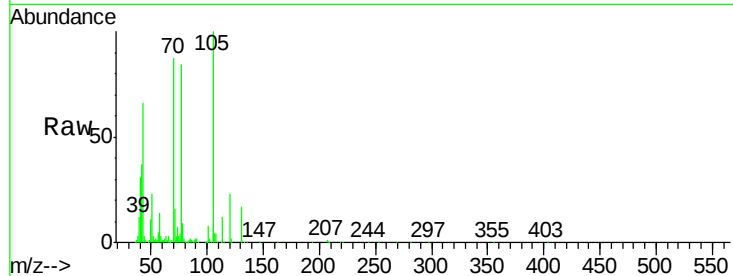
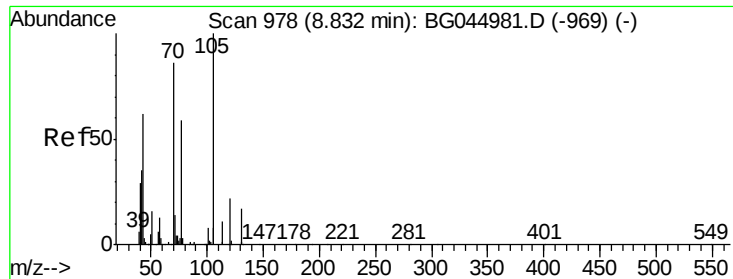
mohammad
4/24/2020 1:35:11 PM



#18
Hexachloroethane
Concen: 53.12 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	125441		
119	95.6	78.3	117.5	
201	118.3	92.9	139.3	





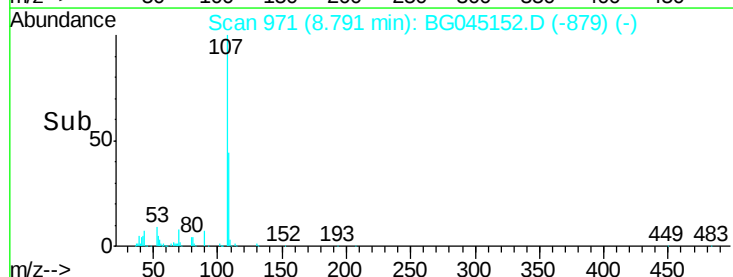
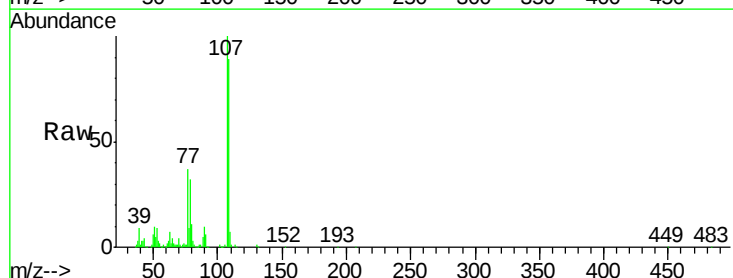
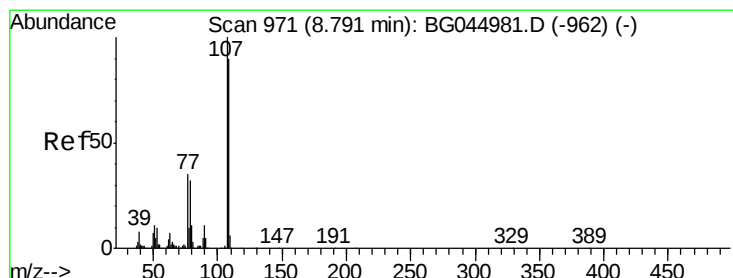
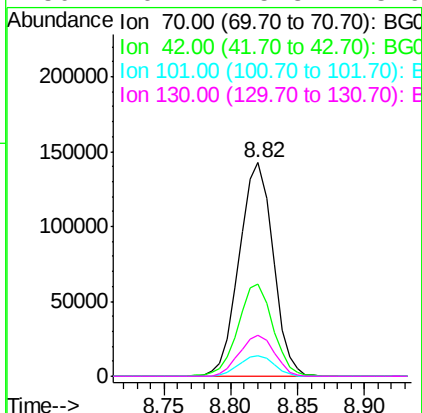
#19
n-Nitroso-di-n-propylamine
Concen: 47.82 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.0	33.3	49.9
101	9.5	7.8	11.8
130	19.4	15.8	23.6

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPMS

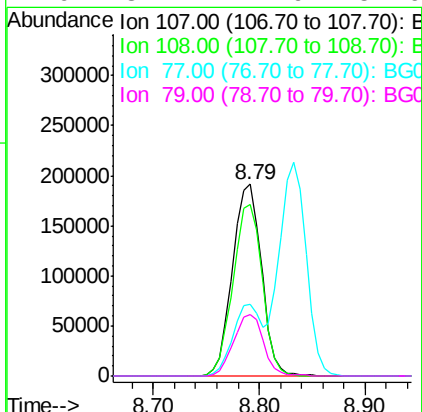
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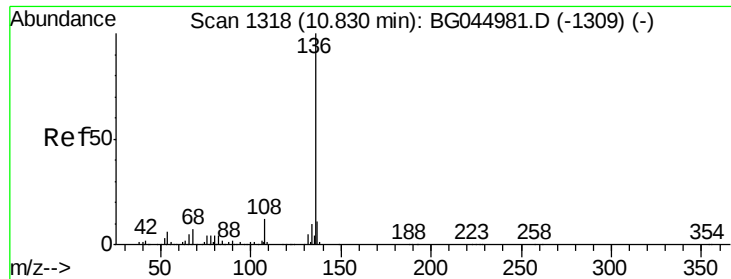
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#20
3+4-Methylphenols
Concen: 45.51 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	69.9	109.9
77	37.3	15.2	55.2
79	32.1	11.6	51.6





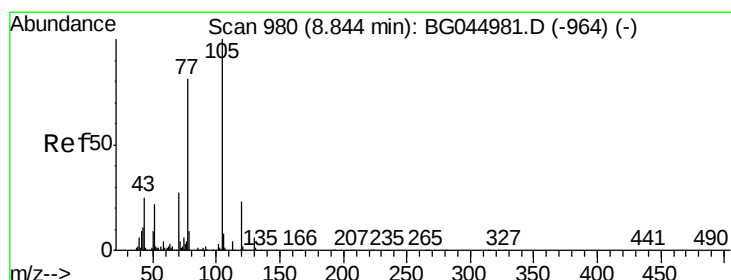
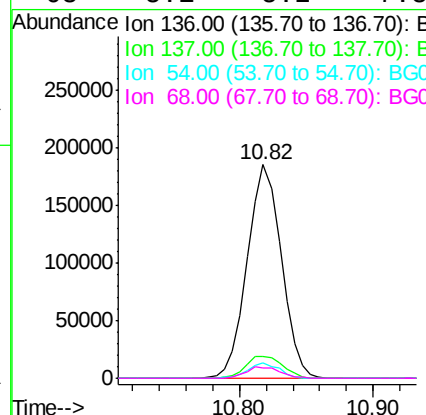
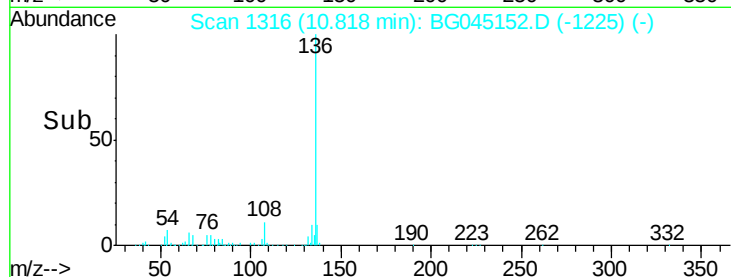
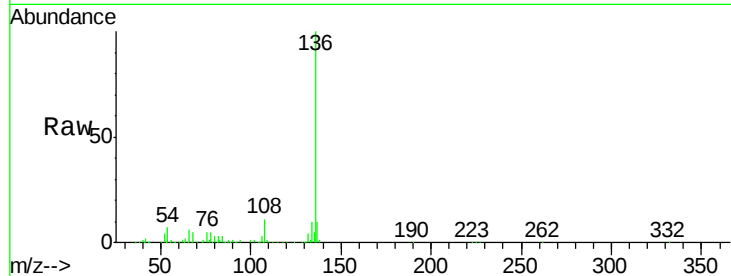
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	326707		
137	9.9	8.6	13.0	
54	7.2	4.8	7.2#	
68	5.1	5.2	7.8#	

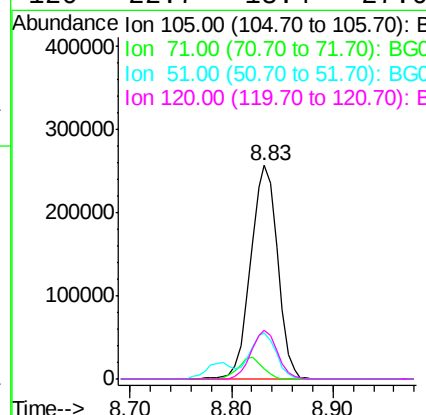
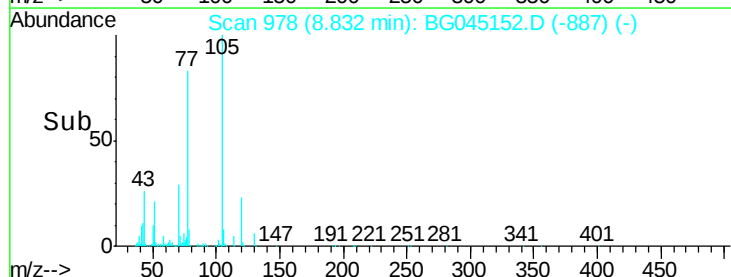
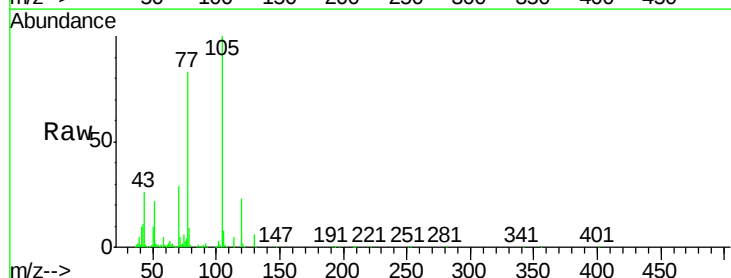
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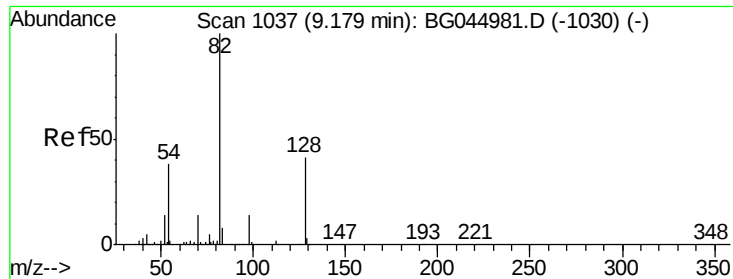
mohammad
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#22
Acetophenone
Concen: 53.39 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	471724		
71	4.9	3.3	4.9	
51	21.6	17.3	25.9	
120	22.7	18.4	27.6	





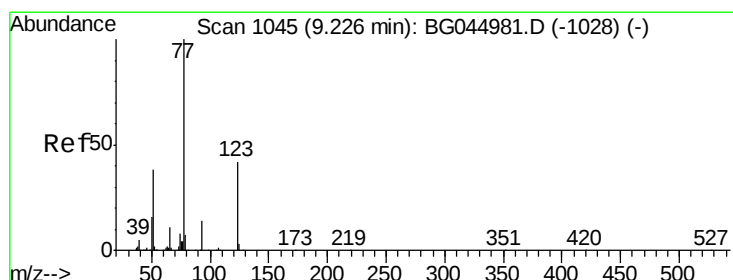
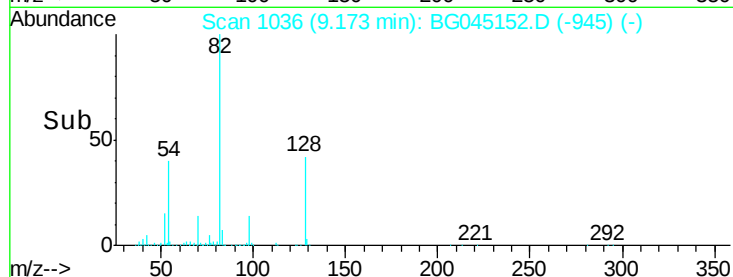
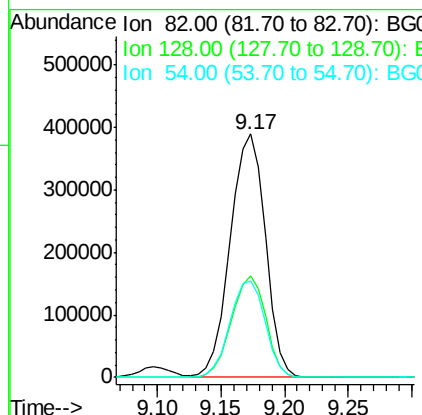
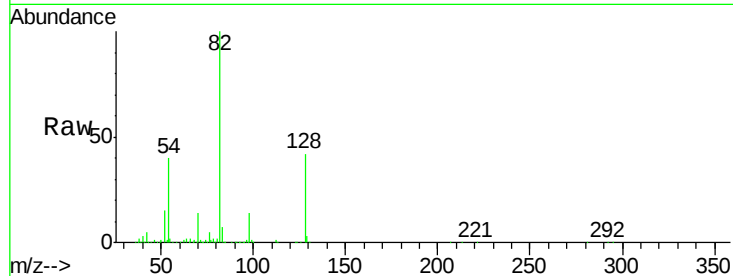
#23
 Nitrobenzene-d5
 Concen: 103.97 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	744445		
128	41.9	33.0	49.4	
54	39.7	30.4	45.6	

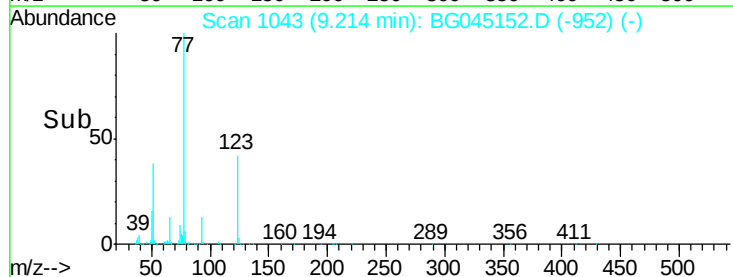
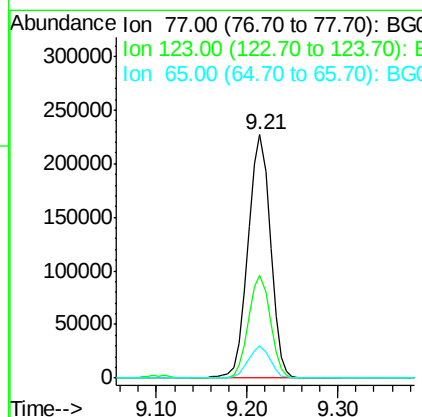
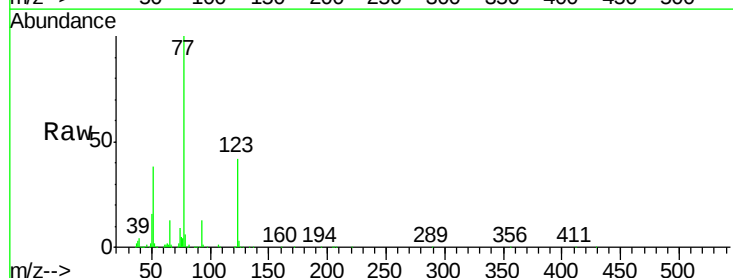
Manual Integrations
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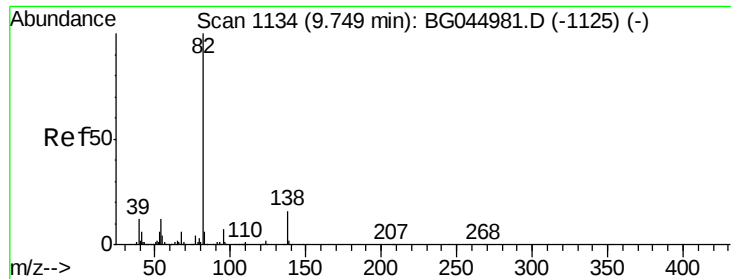
mohammad
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#24
 Nitrobenzene
 Concen: 52.95 ng
 RT: 9.21 min Scan# 1043
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	388629		
123	42.0	34.3	51.5	
65	13.4	8.9	13.3	





#25

Isophorone

Concen: 47.83 ng

RT: 9.74 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BG045152.D

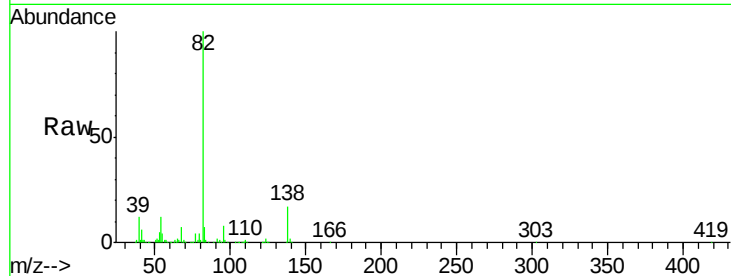
Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

ClientSampleId :

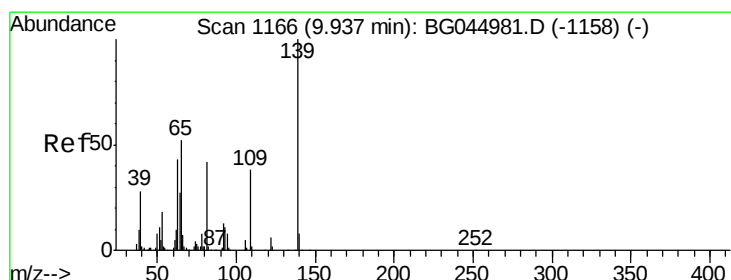
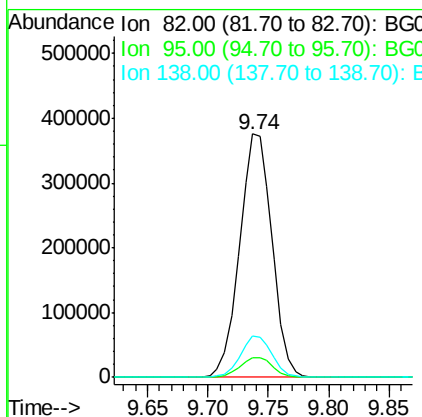
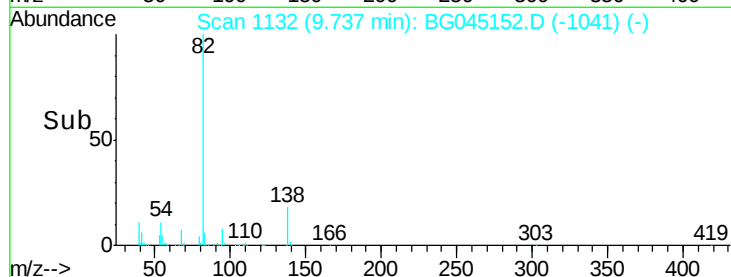
TP-20-COMPMS



Tgt Ion	82	95	138
Ratio	100	7.9	17.0
Lower		6.0	12.7
Upper		9.0	19.1

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#26

2-Nitrophenol

Concen: 58.07 ng

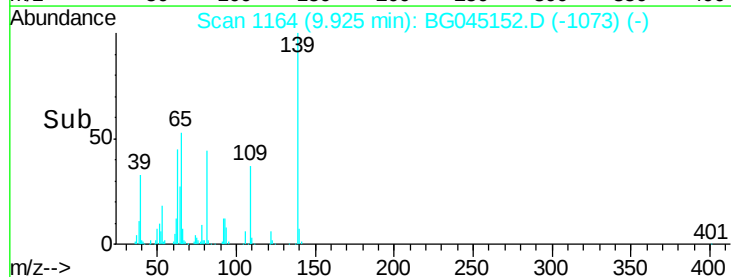
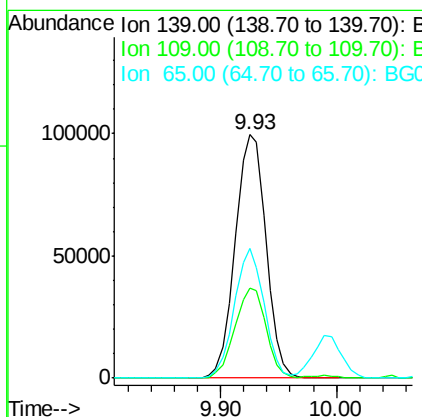
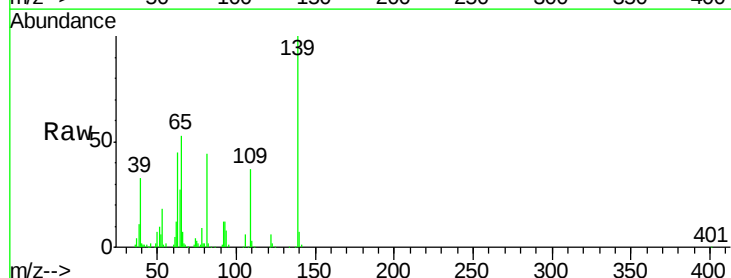
RT: 9.93 min Scan# 1164

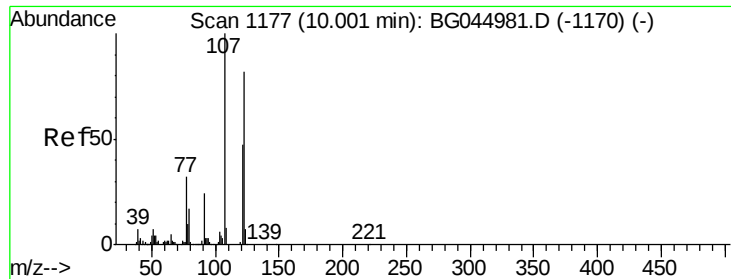
Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Tgt Ion	139	109	65
Ratio	100	36.7	53.3
Lower		30.6	41.8
Upper		45.8	62.6





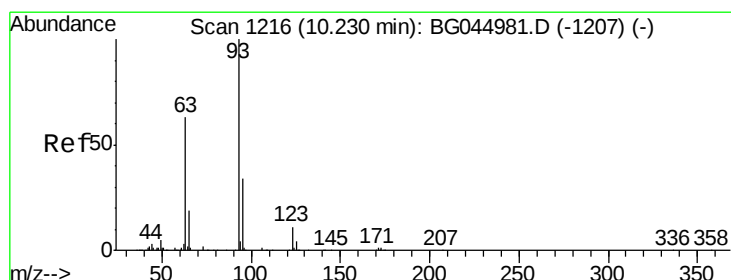
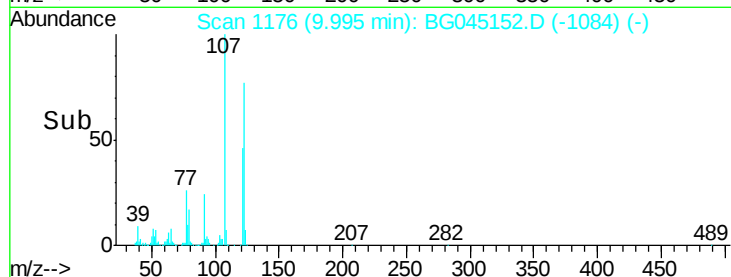
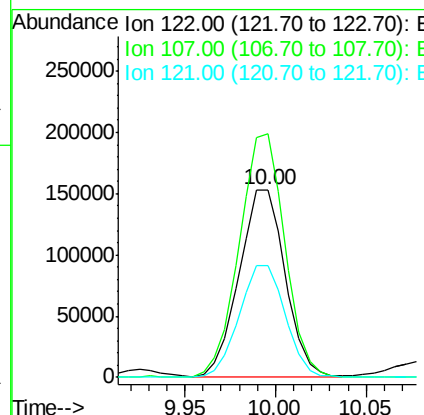
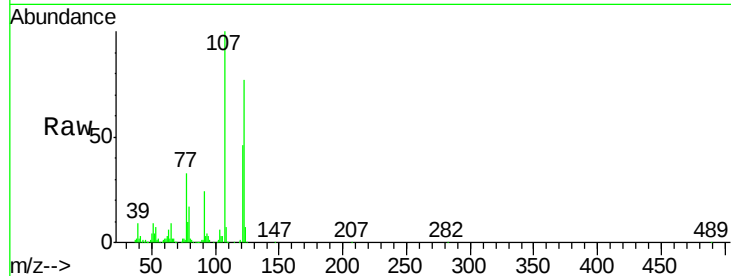
#27
 2,4-Dimethylphenol
 Concen: 54.29 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	272311		
107	129.6	96.8	145.2	
121	59.7	45.6	68.4	

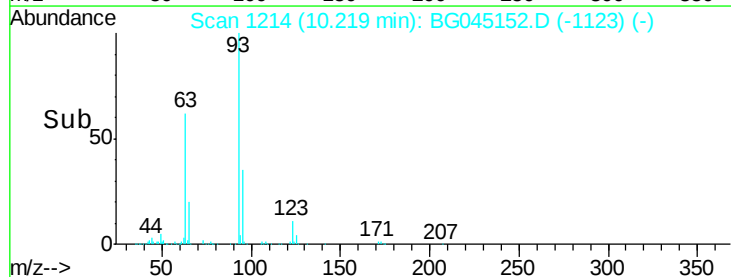
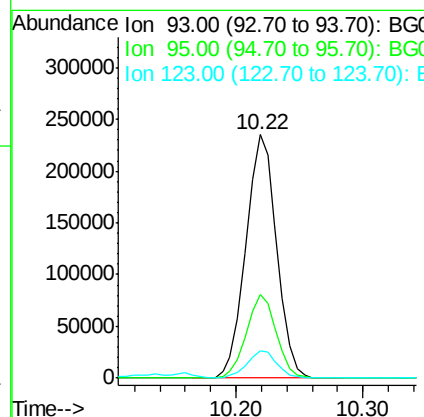
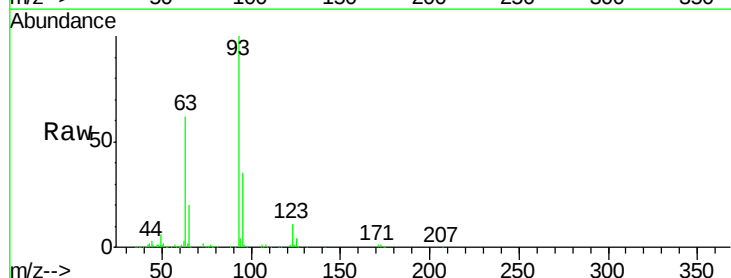
Manual Integrations
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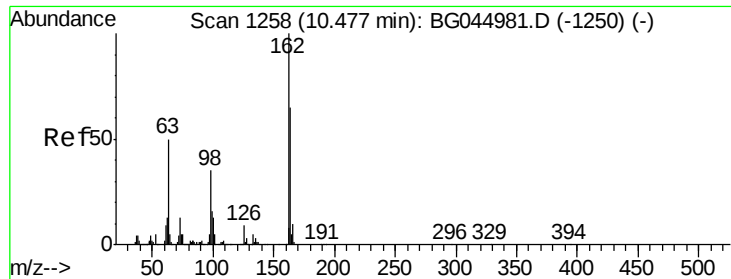
mohammad
 4/24/2020 1:35:11 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.01 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	392961		
95	34.5	27.0	40.4	
123	11.1	8.7	13.1	





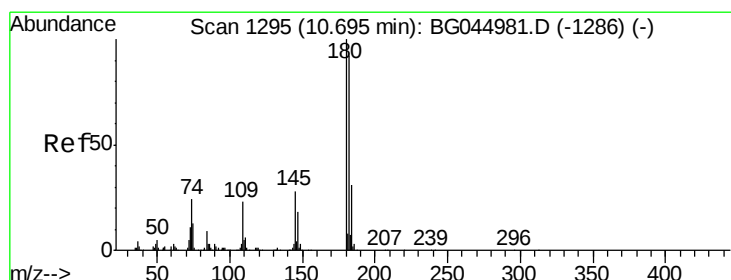
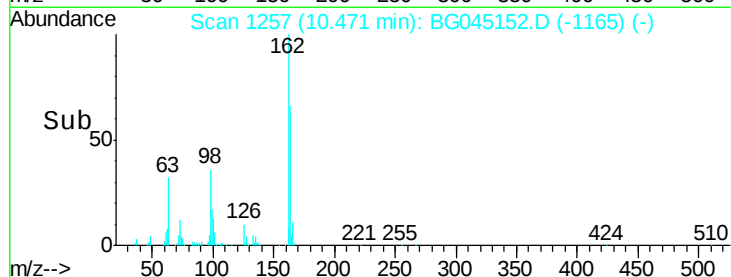
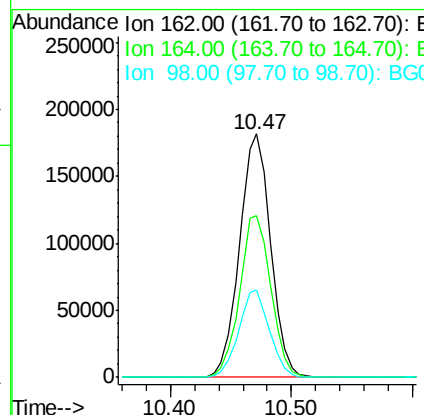
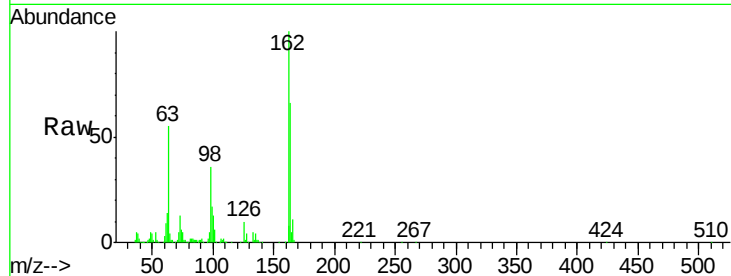
#29
 2,4-Dichlorophenol
 Concen: 56.31 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.4	45.0	85.0
98	36.2	15.2	55.2

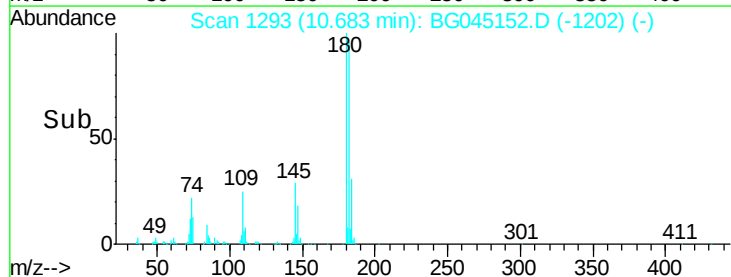
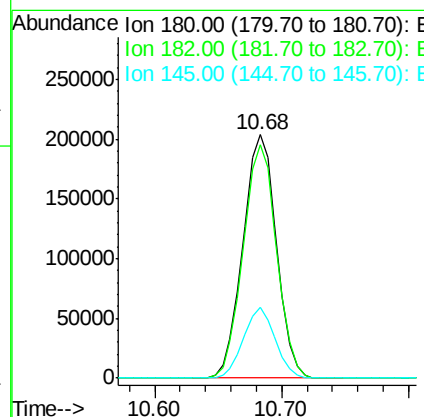
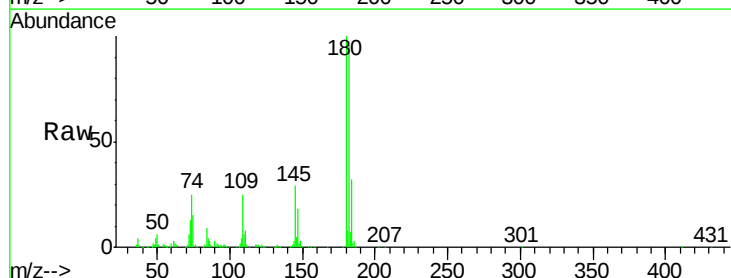
Manual Integrations
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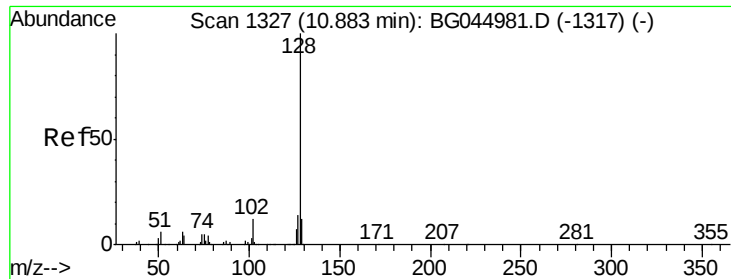
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 56.84 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	73.3	109.9
145	29.3	22.6	33.8





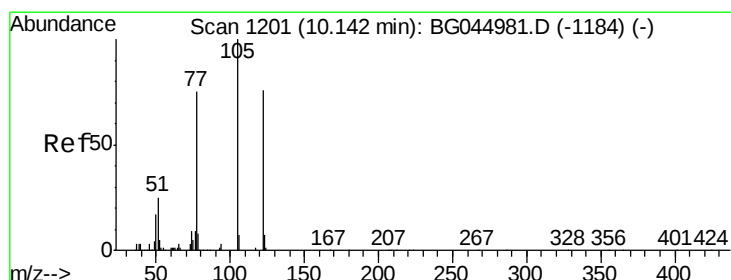
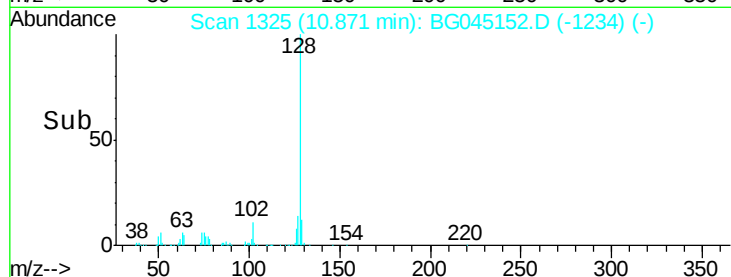
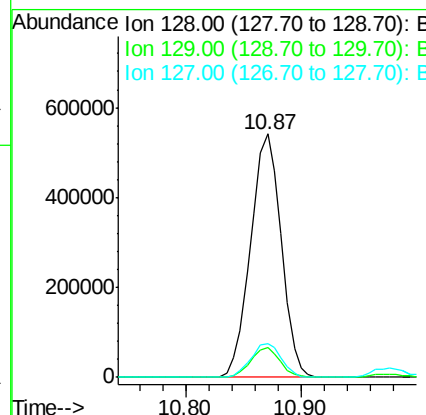
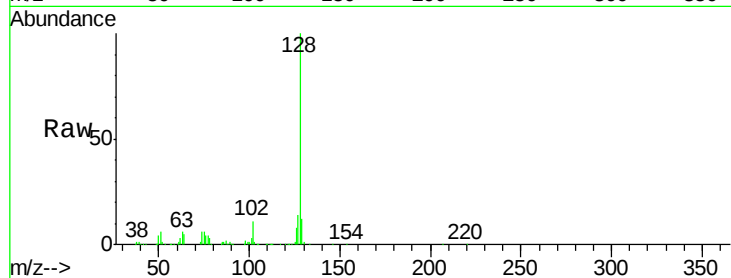
#31
Naphthalene
Concen: 56.05 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPMS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.2
127	13.6	10.8	16.2

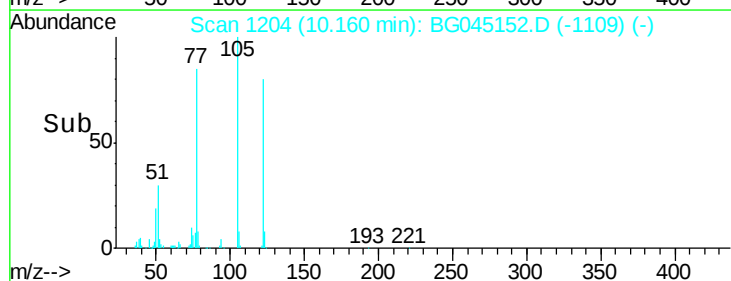
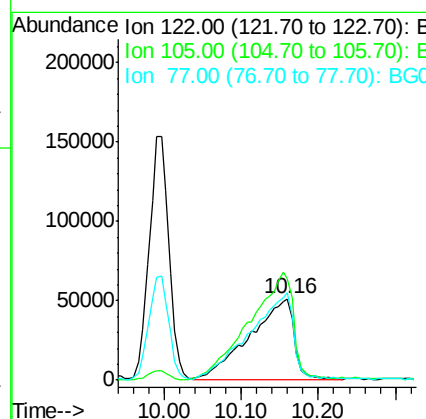
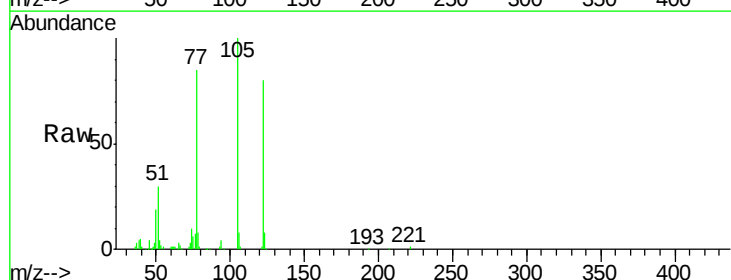
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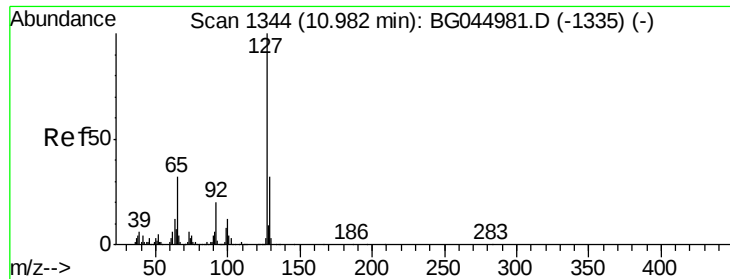
mohammad
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#32
Benzoic acid
Concen: 51.22 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.03 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.7	108.4	148.4
77	107.2	78.8	118.8





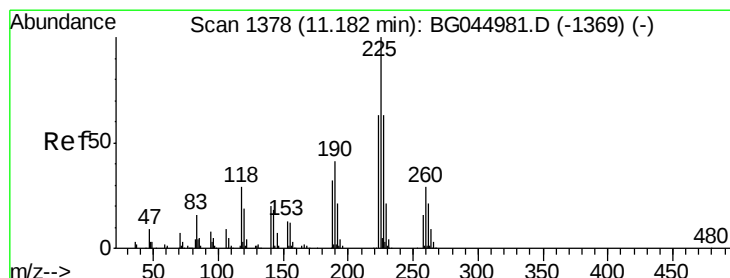
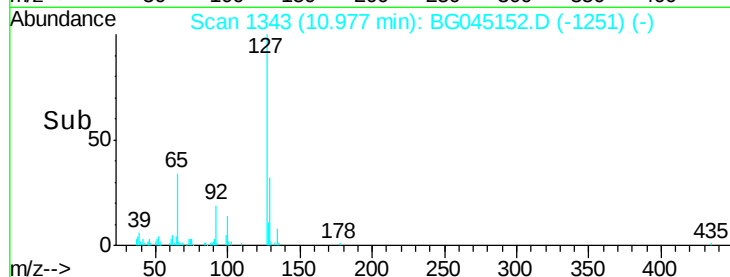
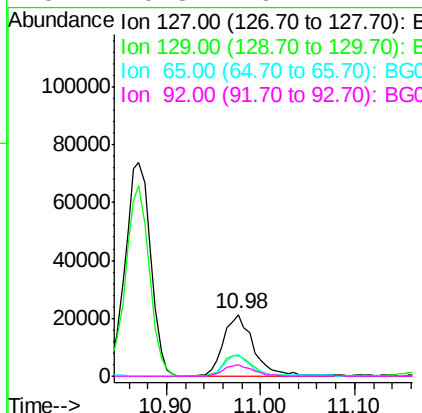
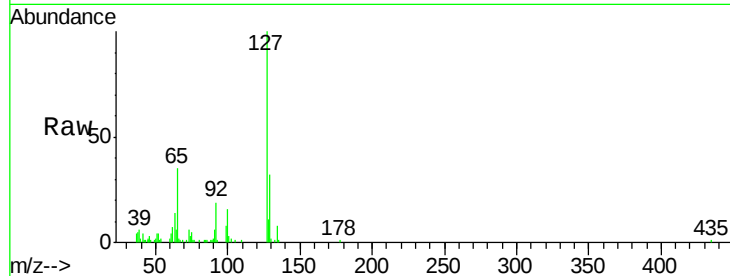
#33
 4-Chloroaniline
 Concen: 5.72 ng
 RT: 10.98 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMPMS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	35.0	25.4	38.2
92	19.3	16.1	24.1

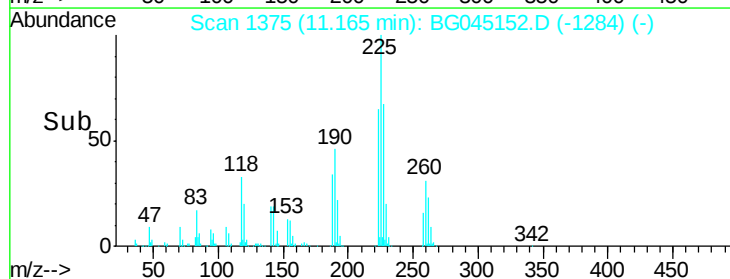
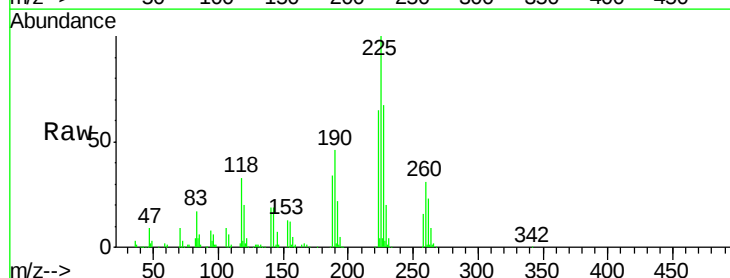
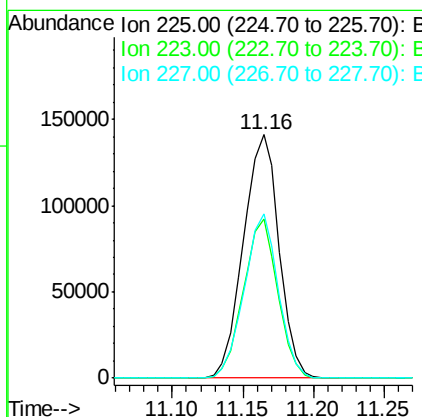
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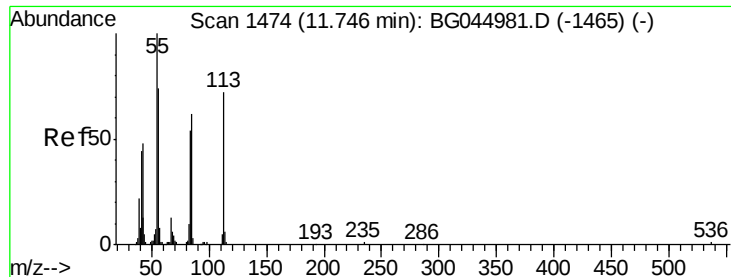
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#34
 Hexachlorobutadiene
 Concen: 55.50 ng
 RT: 11.16 min Scan# 1375
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.7	76.1
227	67.3	50.2	75.2





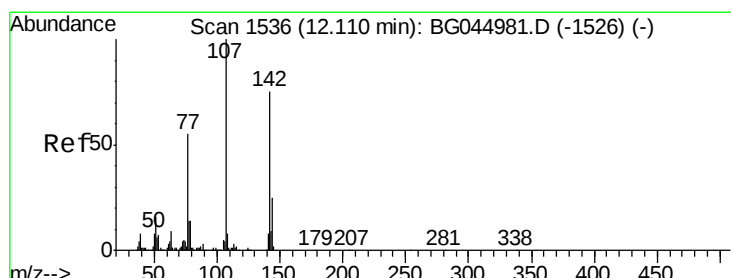
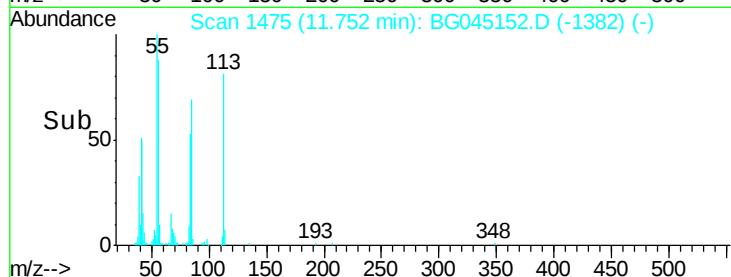
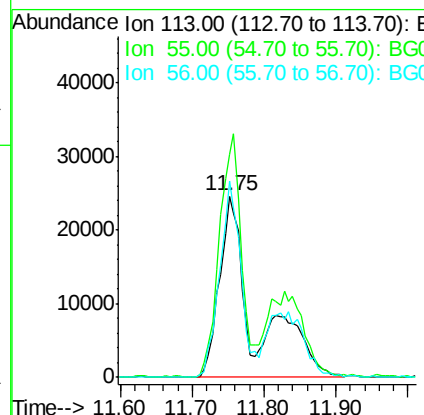
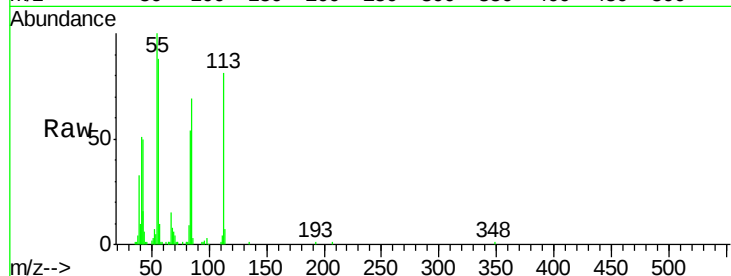
#35
 Caprolactam
 Concen: 36.22 ng m
 RT: 11.75 min Scan# 1475
 Delta R.T. 0.02 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMPMS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	123.5	118.8	158.8
56	108.3	82.6	122.6

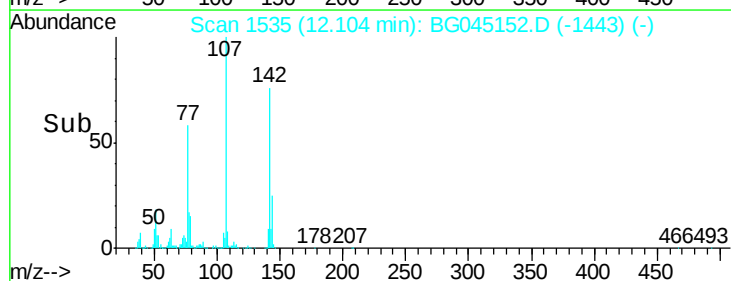
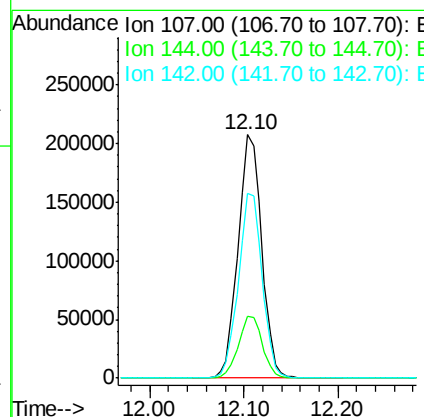
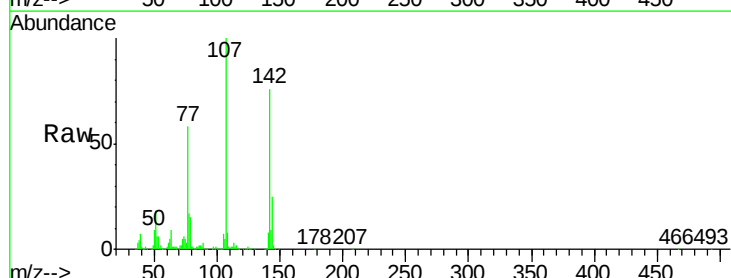
Manual Integrations
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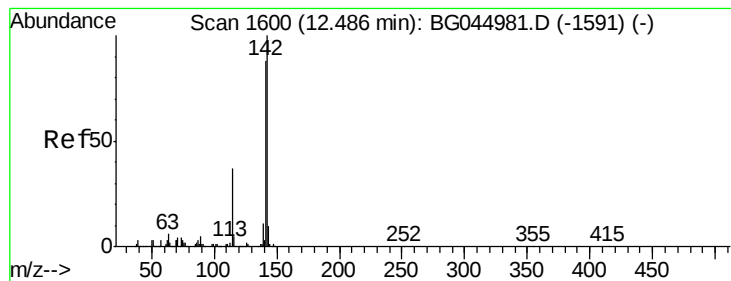
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 53.34 ng
 RT: 12.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.8	29.6
142	75.9	59.7	89.5





#37

2-Methylnaphthalene

Concen: 54.08 ng

RT: 12.47 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

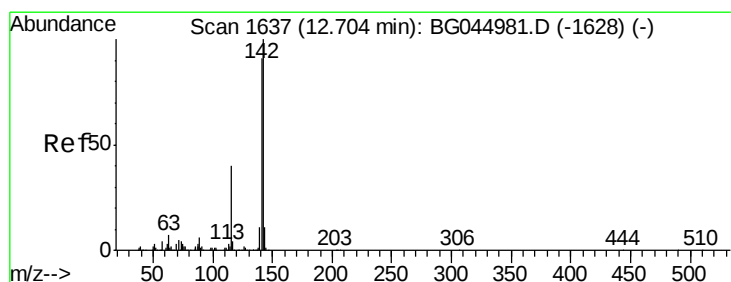
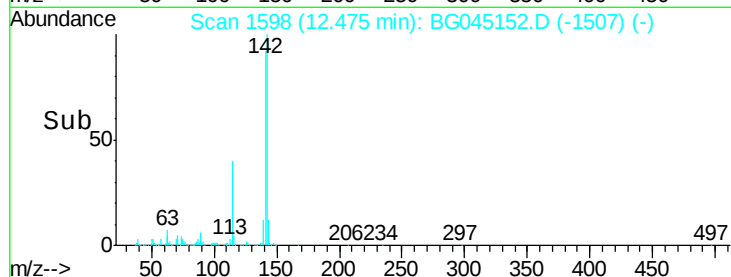
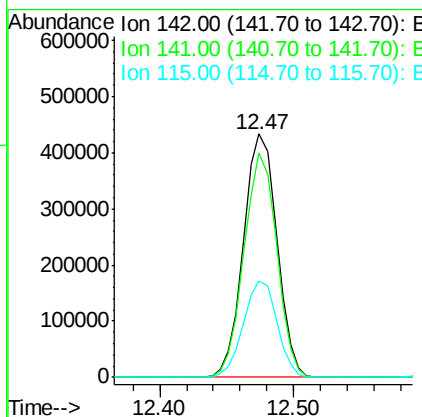
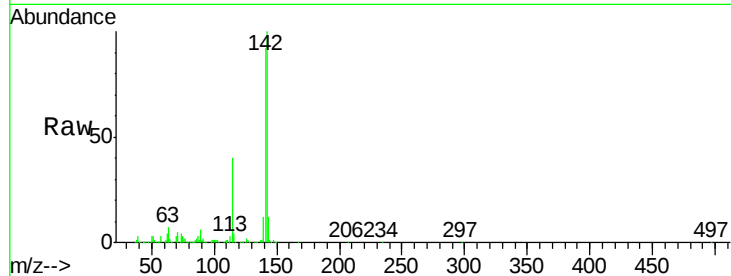
ClientSampleId :

TP-20-COMPMS

Tgt Ion:	142	Resp:	750270
Ion Ratio	Lower	Upper	
142	100		
141	92.3	70.3	105.5
115	39.7	29.8	44.6

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#38

1-Methylnaphthalene

Concen: 55.52 ng

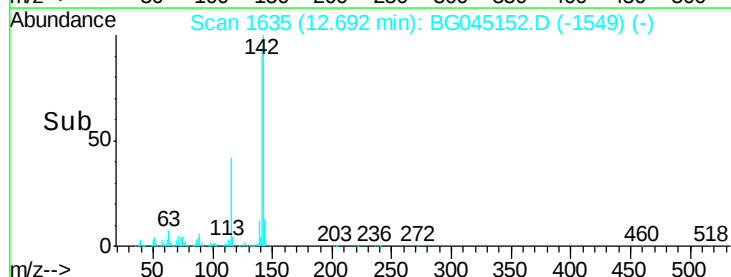
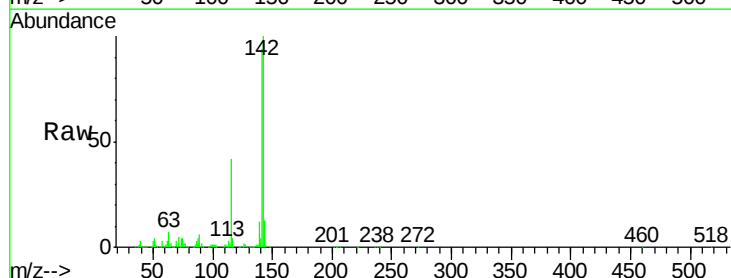
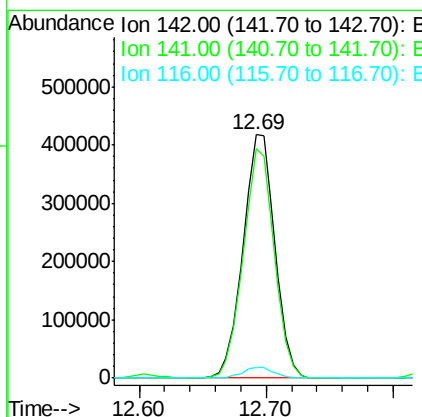
RT: 12.69 min Scan# 1635

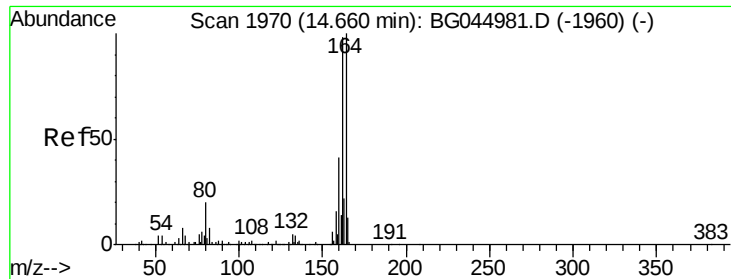
Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Tgt Ion:	142	Resp:	727106
Ion Ratio	Lower	Upper	
142	100		
141	94.1	72.7	109.1
116	4.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

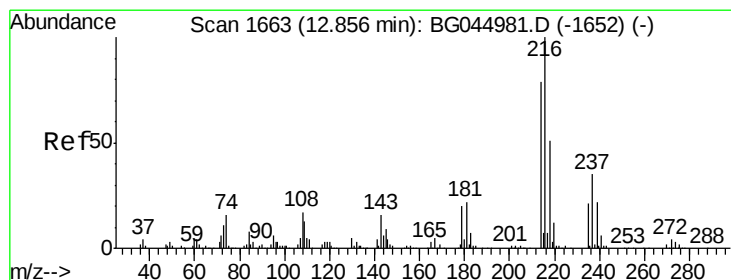
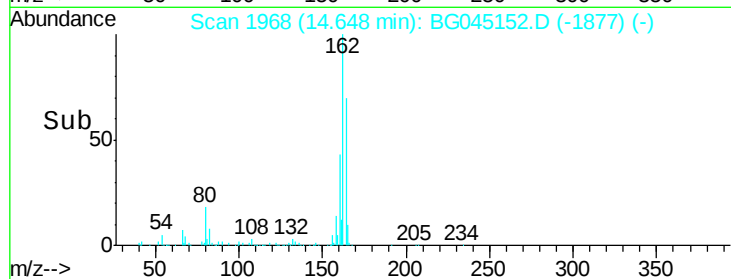
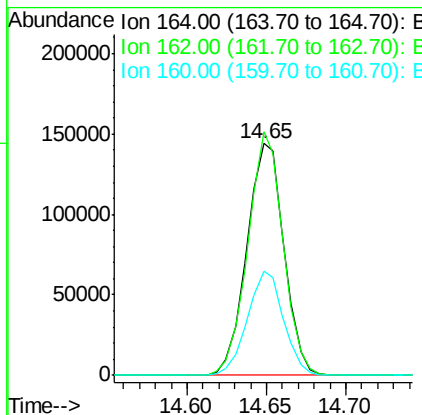
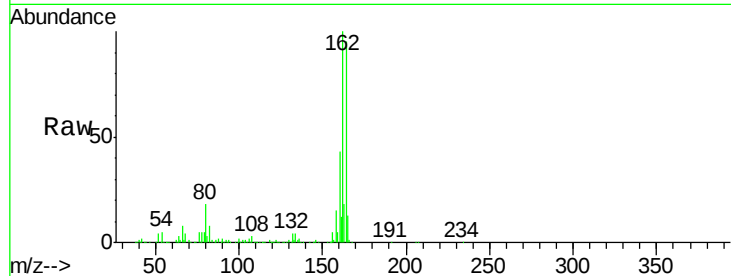
ClientSampleId :

TP-20-COMPMS

Tgt Ion:	164	Resp:	233806
Ion Ratio	Lower	Upper	
164	100		
162	104.9	78.7	118.1
160	45.1	32.8	49.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.27 ng

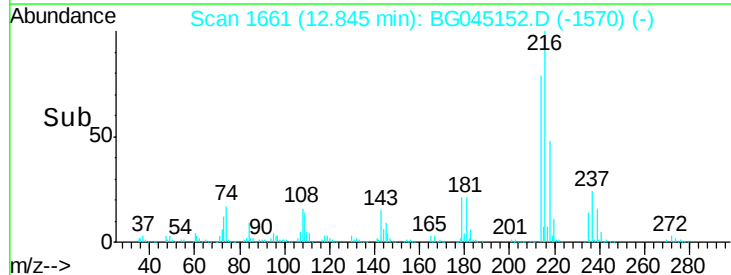
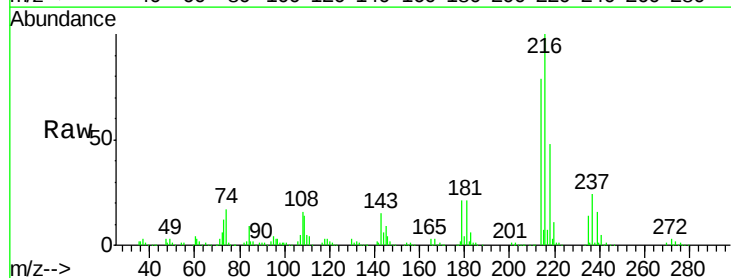
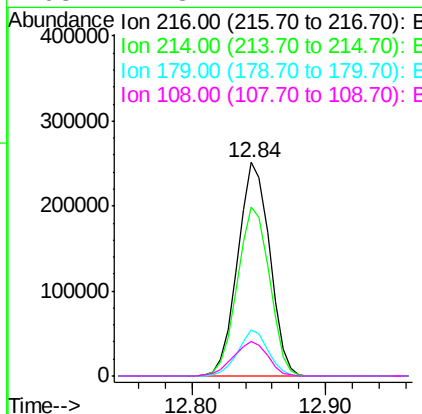
RT: 12.84 min Scan# 1661

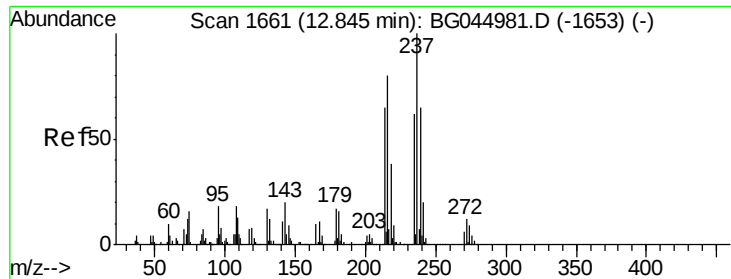
Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Tgt Ion:	216	Resp:	416074
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.0	94.6
179	20.3	15.8	23.8
108	17.3	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 55.08 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

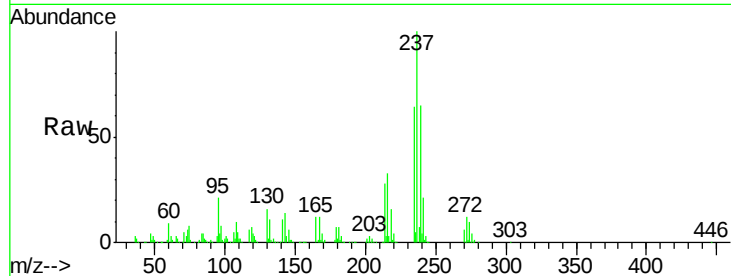
ClientSampleId :

TP-20-COMPMS

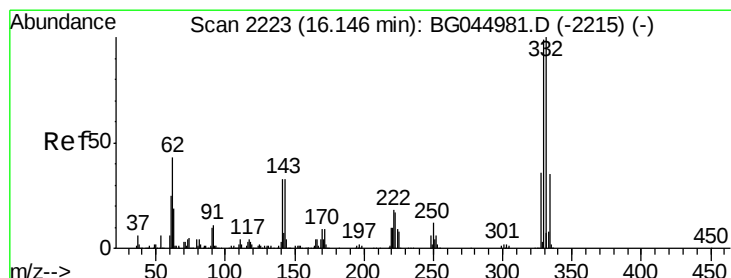
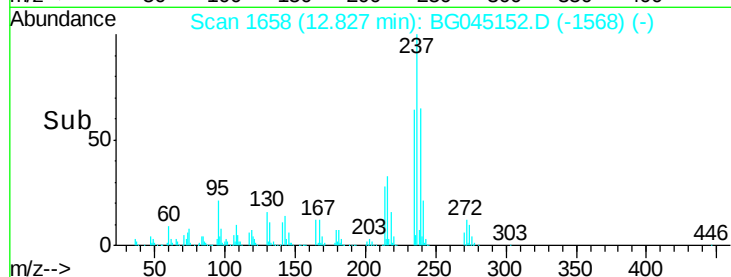
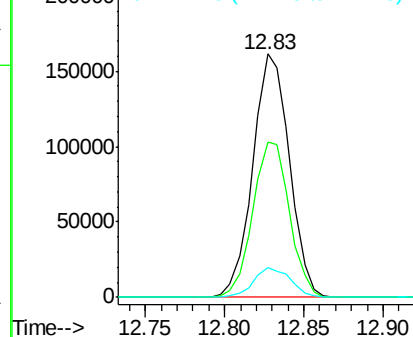
Tgt Ion:	237	Resp:	259145
Ion Ratio	Lower	Upper	
237	100		
235	63.6	41.6	81.6
272	12.1	0.0	32.1

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



#42

2,4,6-Tribromophenol

Concen: 151.29 ng

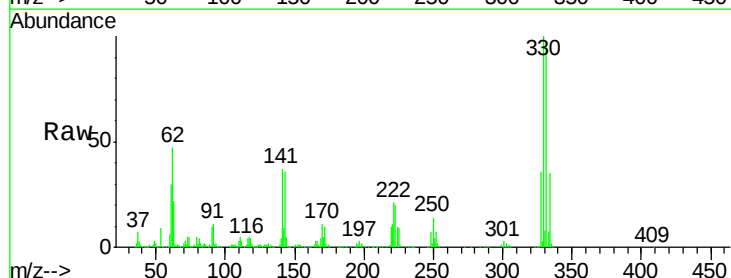
RT: 16.14 min Scan# 2222

Delta R.T. 0.01 min

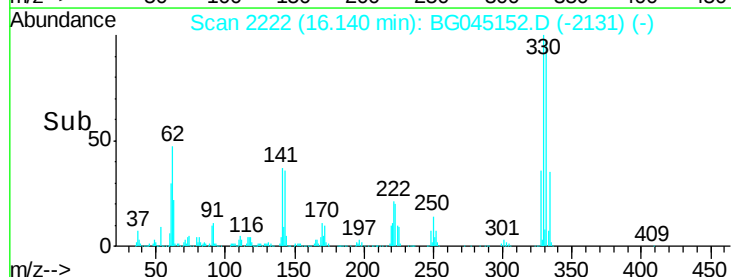
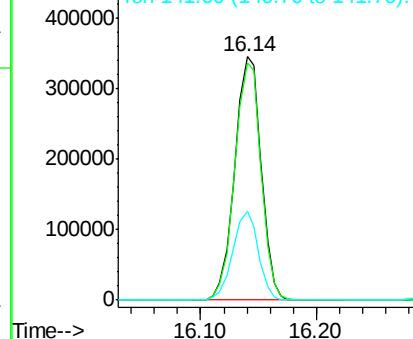
Lab File: BG045152.D

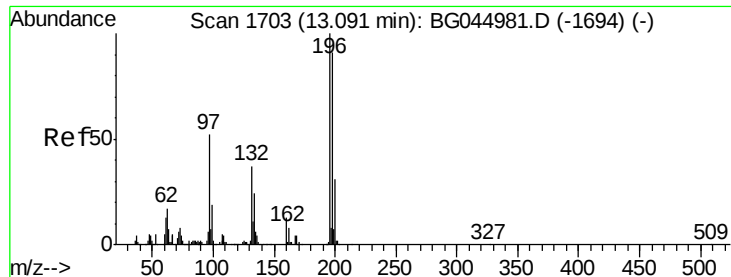
Acq: 23 Apr 2020 21:49

Tgt Ion:	330	Resp:	546448
Ion Ratio	Lower	Upper	
330	100		
332	97.0	79.1	118.7
141	35.2	27.1	40.7



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





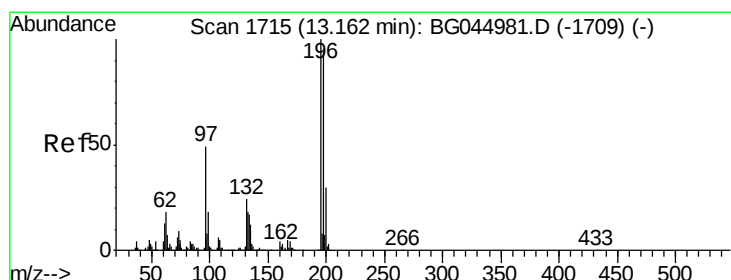
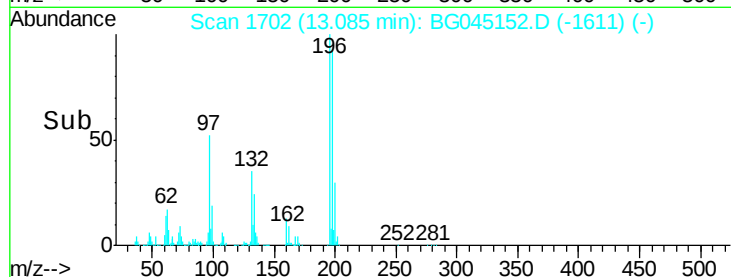
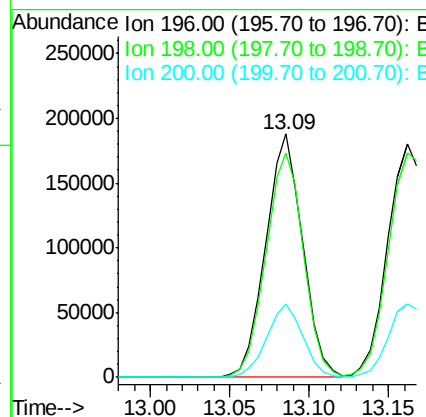
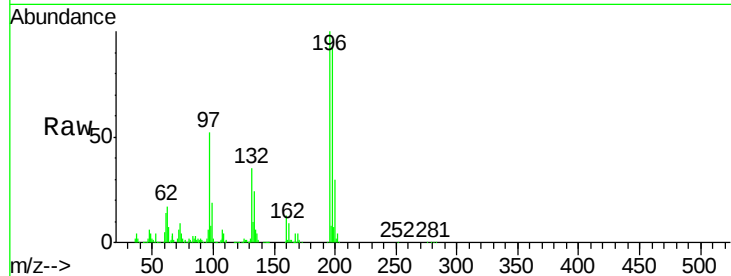
#43
 2,4,6-Trichlorophenol
 Concen: 57.19 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	303831		
198	92.2	72.5	108.7	
200	30.0	24.5	36.7	

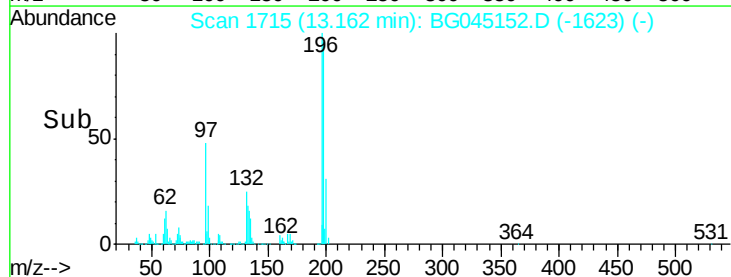
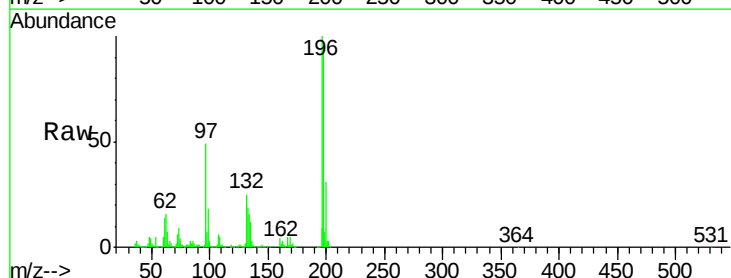
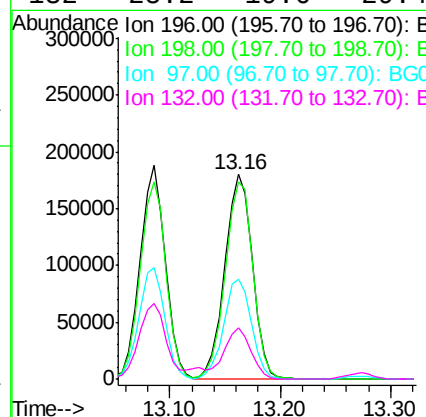
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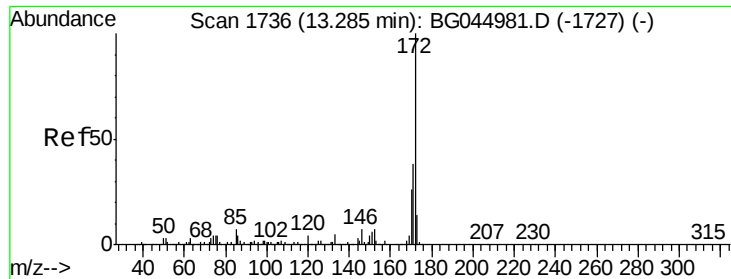
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 52.08 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	314977		
198	96.1	75.7	113.5	
97	48.7	39.6	59.4	
132	25.2	19.6	29.4	





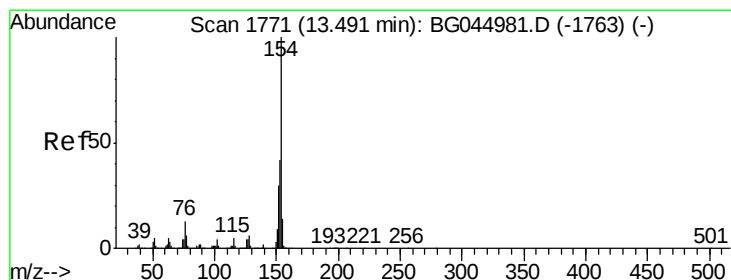
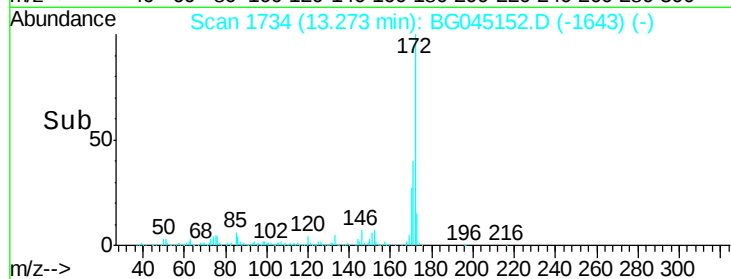
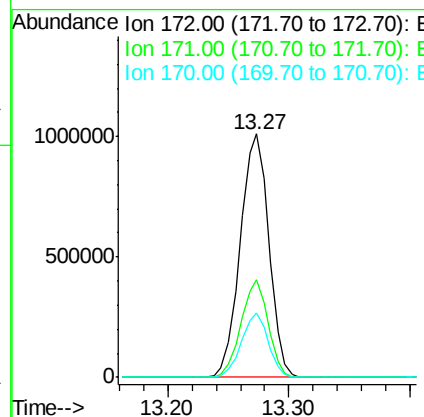
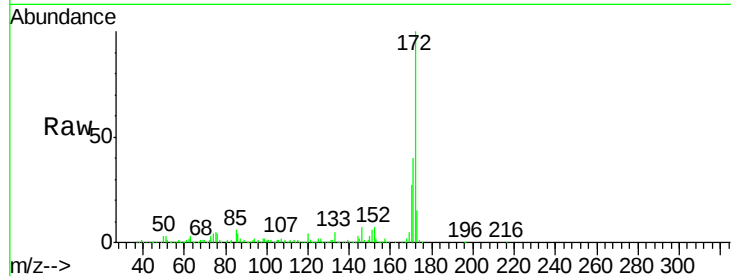
#45
 2-Fluorobiphenyl
 Concen: 104.42 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMPMS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.9	30.6	46.0
170	26.6	20.5	30.7

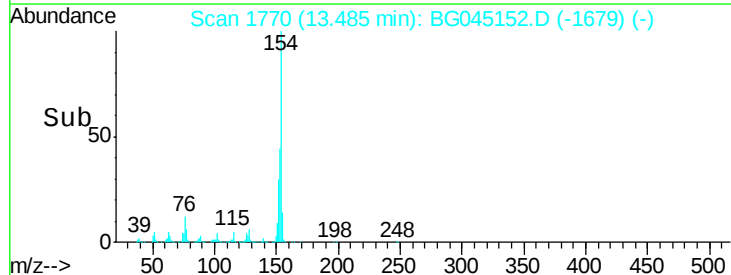
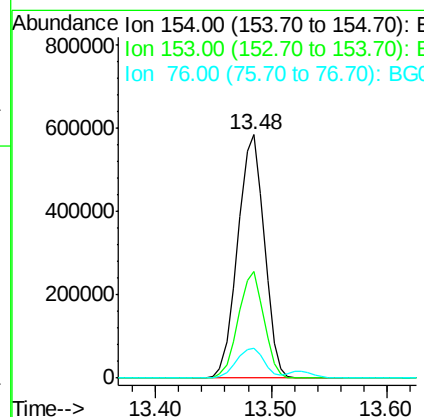
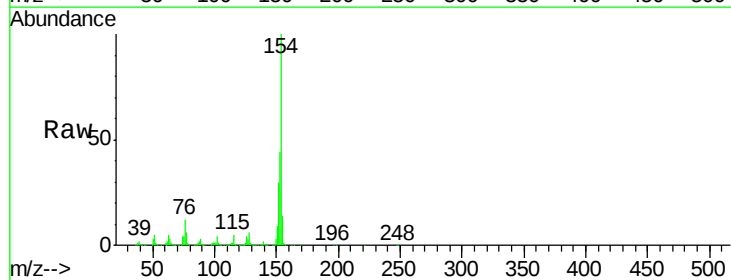
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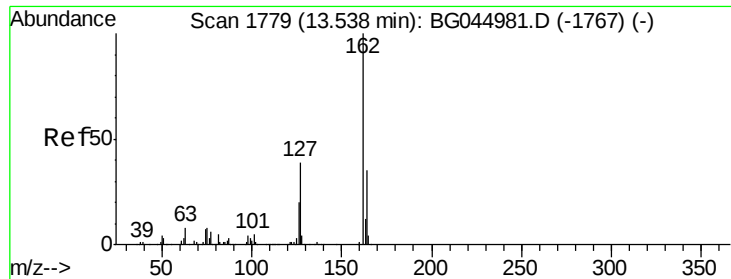
mohammad
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#46
 1,1'-Biphenyl
 Concen: 52.44 ng
 RT: 13.48 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	21.9	61.9
76	12.1	0.0	33.1





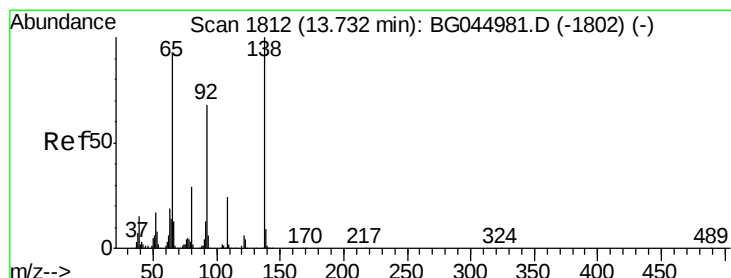
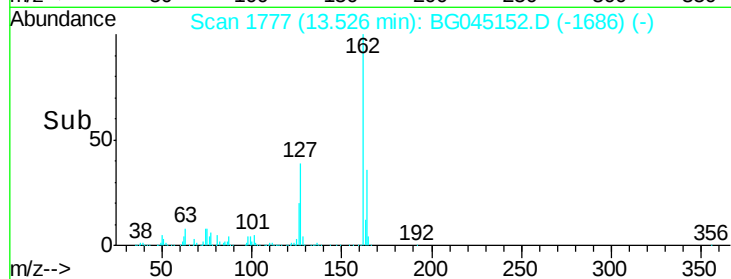
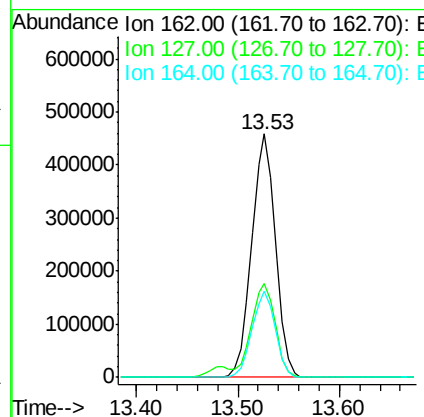
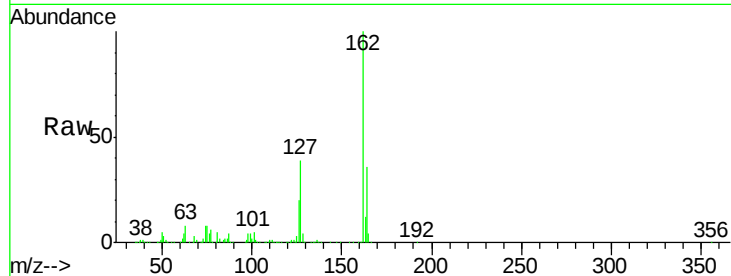
#47
 2-Chloronaphthalene
 Concen: 54.49 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	739926		
127	38.7		31.3	46.9
164	35.5		27.8	41.8

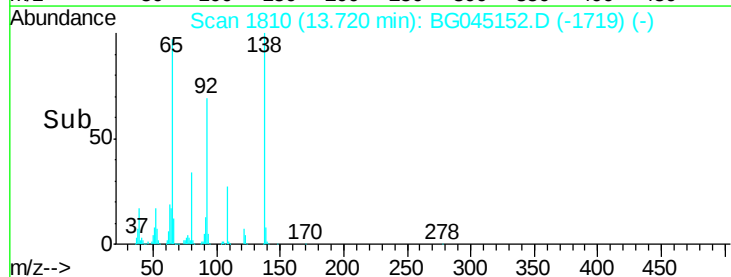
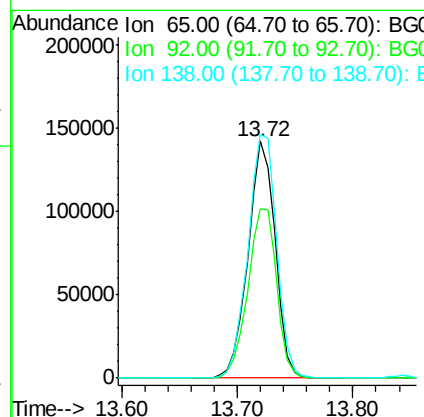
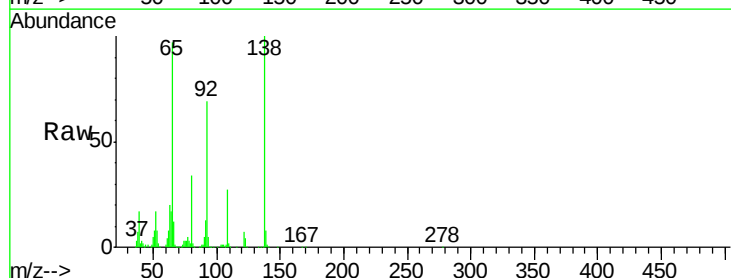
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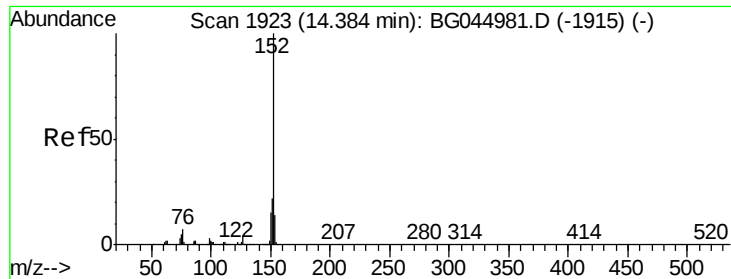
mohammad
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#48
 2-Nitroaniline
 Concen: 51.93 ng
 RT: 13.72 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	232025		
92	71.4		58.3	87.5
138	102.8		85.6	128.4





#49

Acenaphthylene

Concen: 52.05 ng

RT: 14.37 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

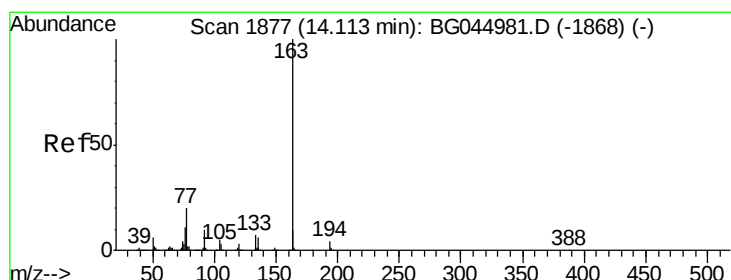
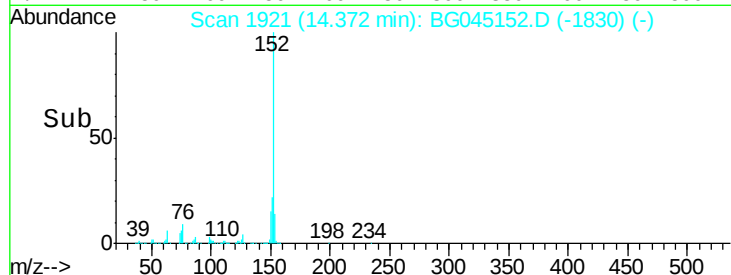
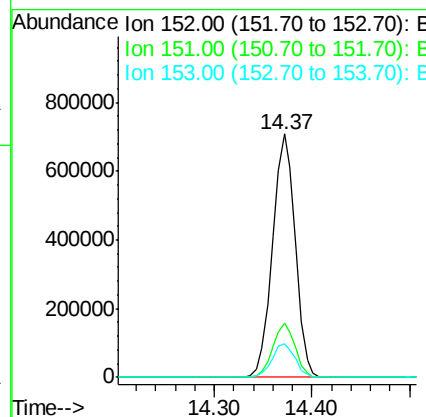
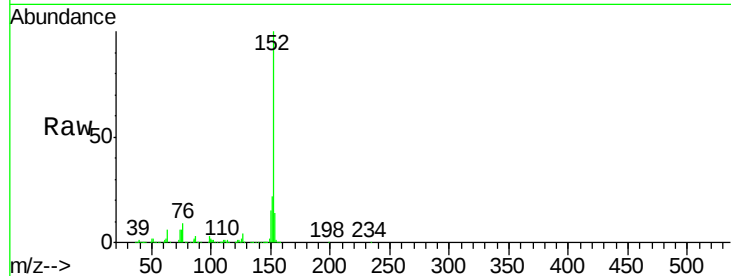
ClientSampleId :

TP-20-COMPMS

Tgt Ion:	152	Resp:	1151134
Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.2	25.8
153	14.1	11.0	16.4

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#50

Dimethylphthalate

Concen: 49.87 ng

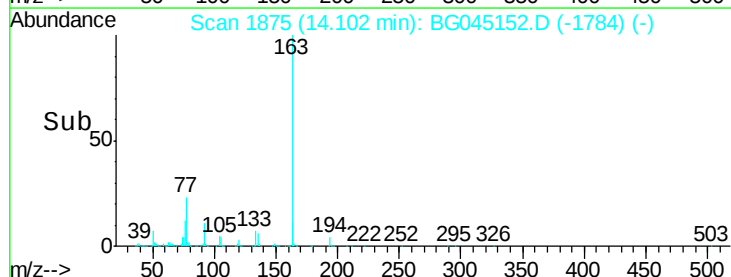
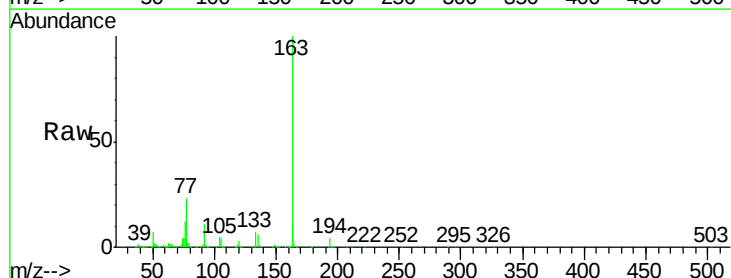
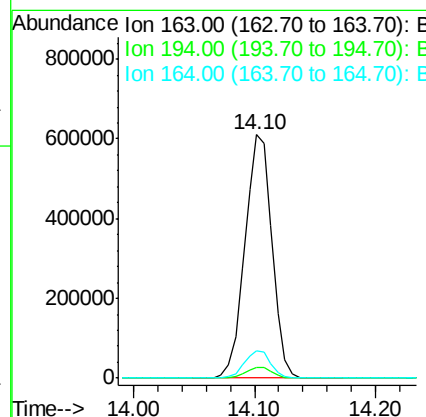
RT: 14.10 min Scan# 1875

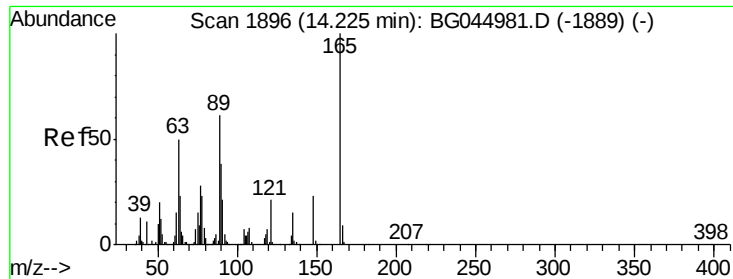
Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Tgt Ion:	163	Resp:	949351
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	11.4	8.2	12.4





#51

2,6-Dinitrotoluene

Concen: 51.67 ng

RT: 14.22 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

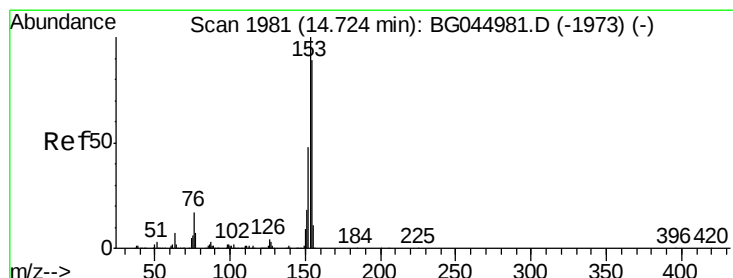
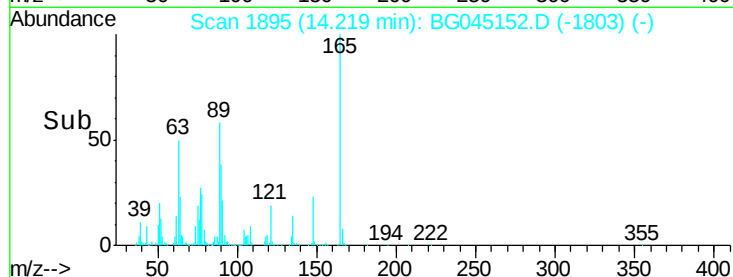
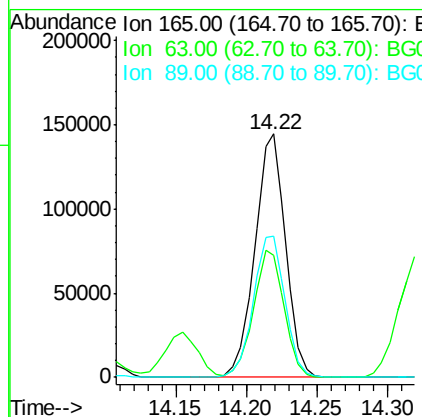
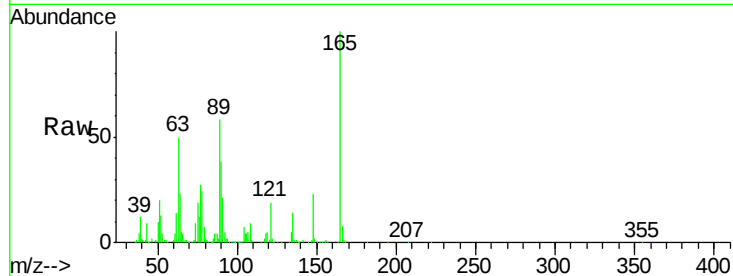
ClientSampleId :

TP-20-COMPMS

Tgt Ion:	165	Resp:	220029
Ion Ratio	Lower	Upper	
165	100		
63	50.0	40.4	60.6
89	58.0	49.1	73.7

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#52

Acenaphthene

Concen: 52.61 ng m

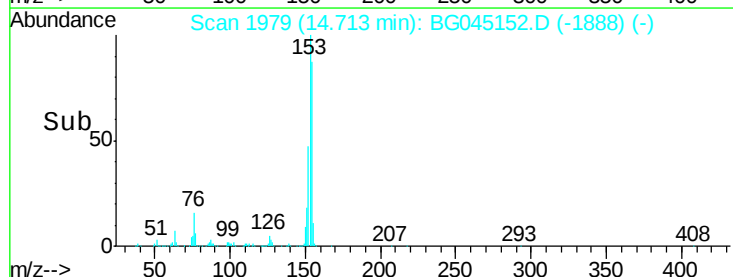
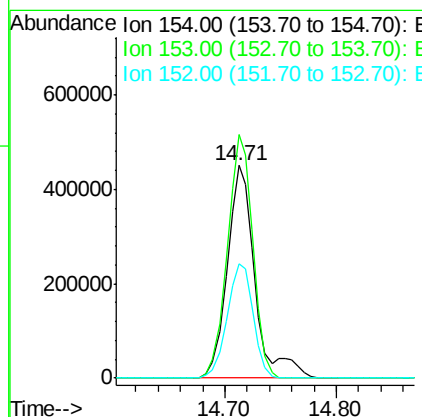
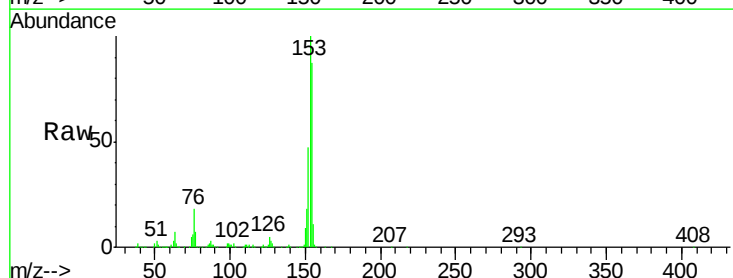
RT: 14.71 min Scan# 1979

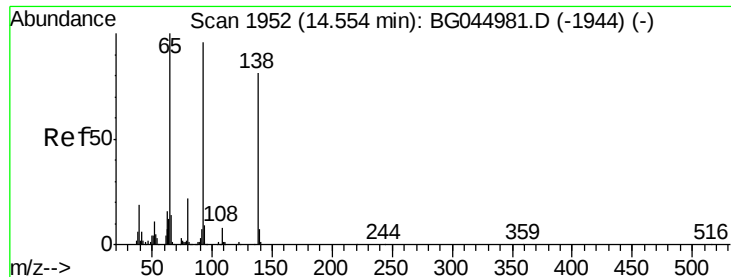
Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Tgt Ion:	154	Resp:	787370
Ion Ratio	Lower	Upper	
154	100		
153	114.5	89.7	134.5
152	53.7	43.1	64.7





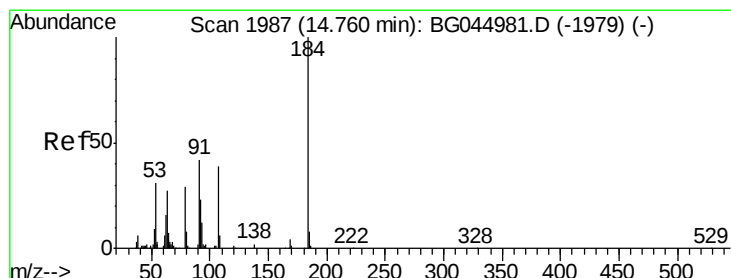
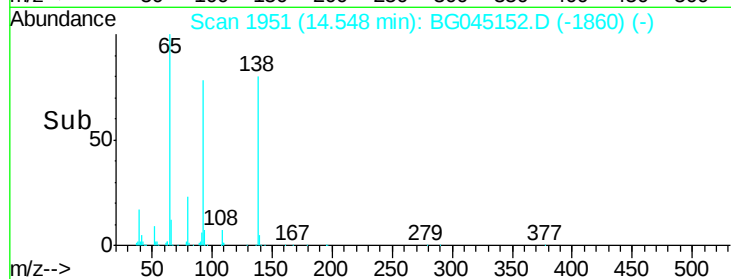
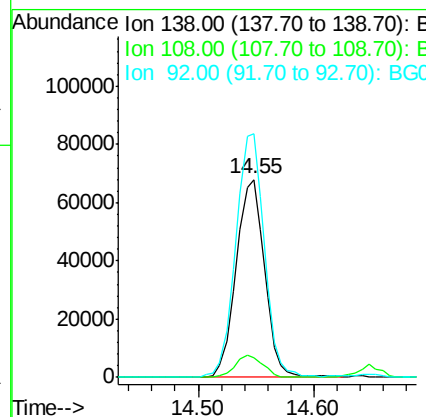
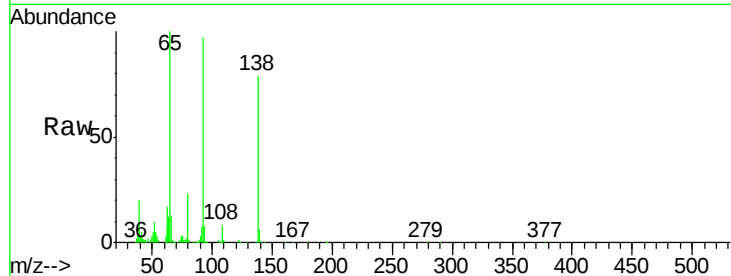
#53
3-Nitroaniline
Concen: 24.87 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	116160		
108	9.9	7.8	11.8	
92	122.9	94.5	141.7	

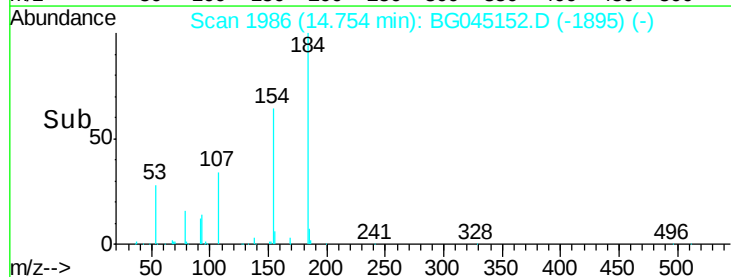
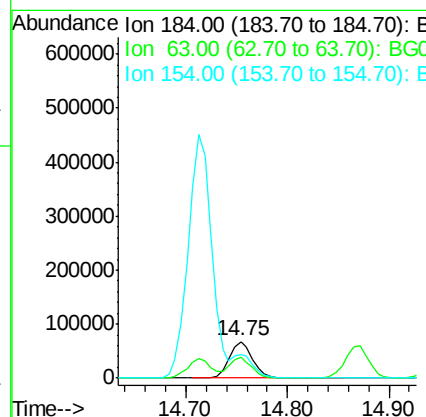
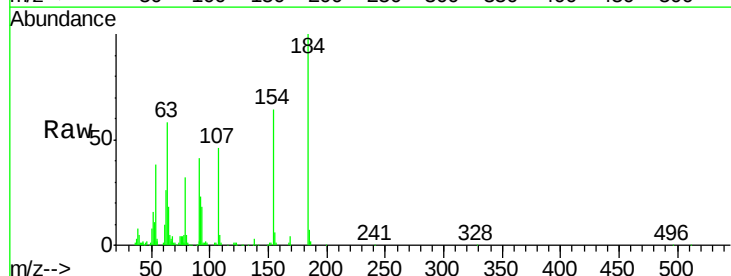
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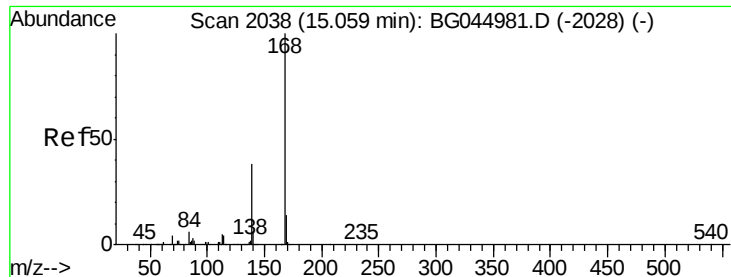
mohammad
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#54
2,4-Dinitrophenol
Concen: 42.13 ng
RT: 14.75 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	106672		
63	58.1	41.5	62.3	
154	63.6	52.3	78.5	





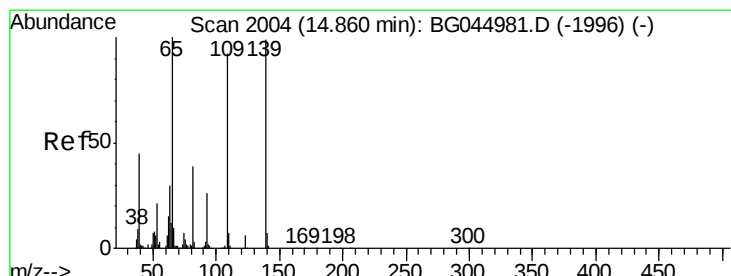
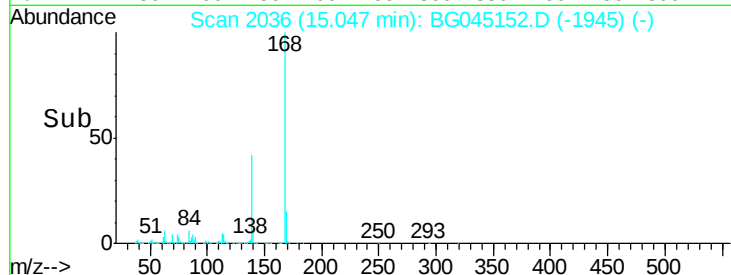
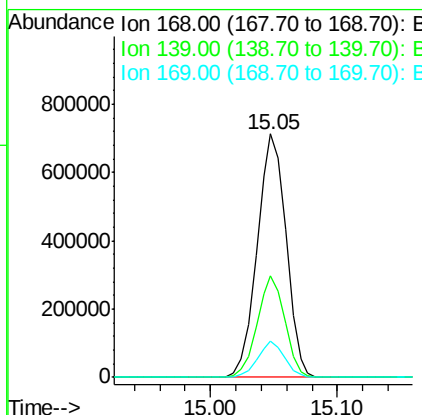
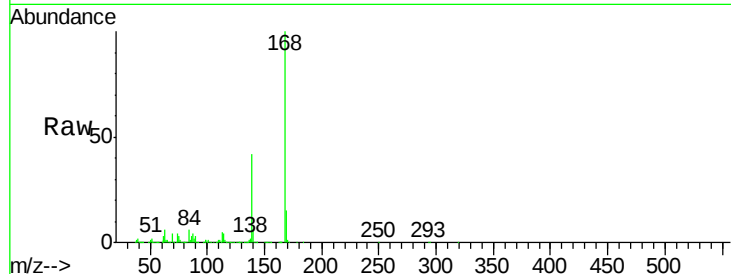
#55
Dibenzofuran
Concen: 51.87 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPMS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.9	30.4	45.6
169	15.1	11.0	16.4

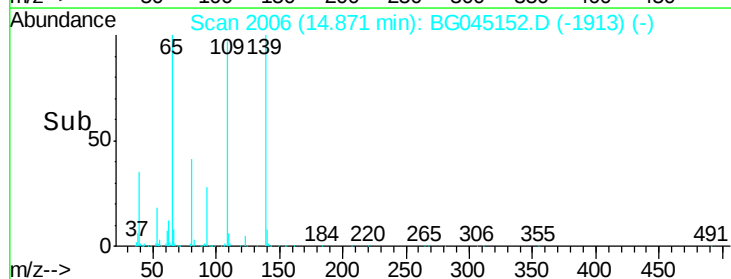
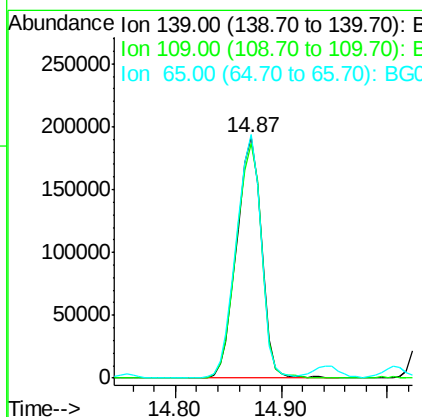
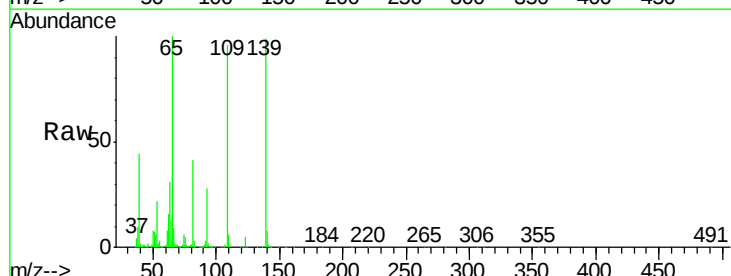
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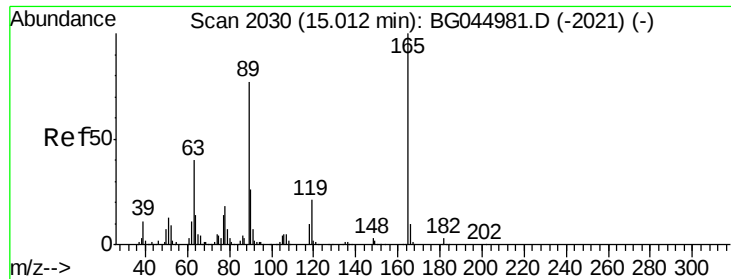
mohammad
4/24/2020 1:35:11 PM



#56
4-Nitrophenol
Concen: 86.28 ng
RT: 14.87 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.3	73.6	113.6
65	101.2	81.2	121.2





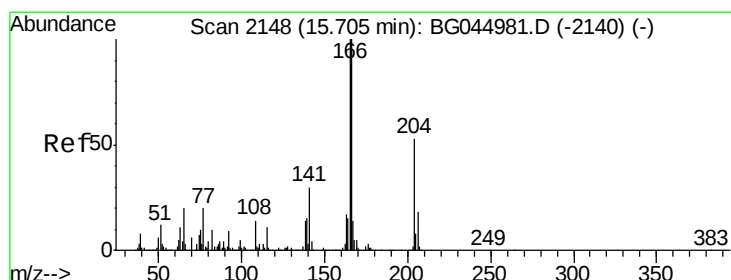
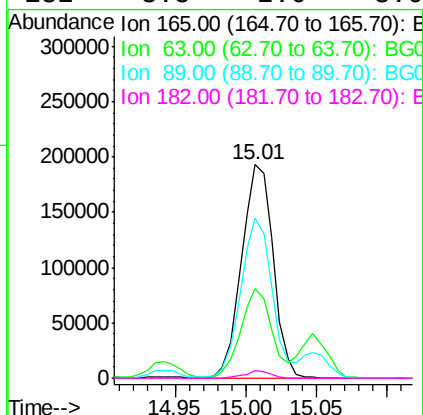
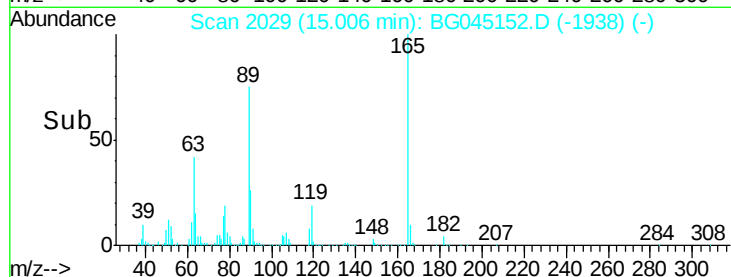
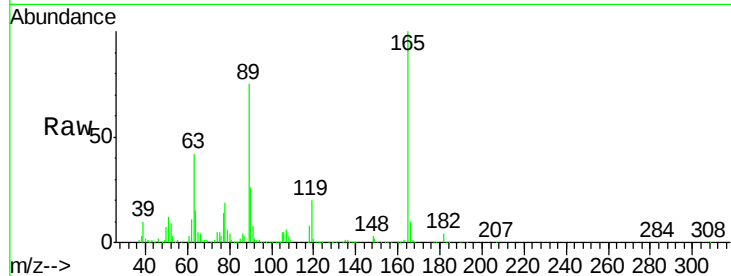
#57
2,4-Dinitrotoluene
Concen: 48.58 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	41.7	32.2	48.2
89	75.0	61.7	92.5
182	3.5	2.0	3.0

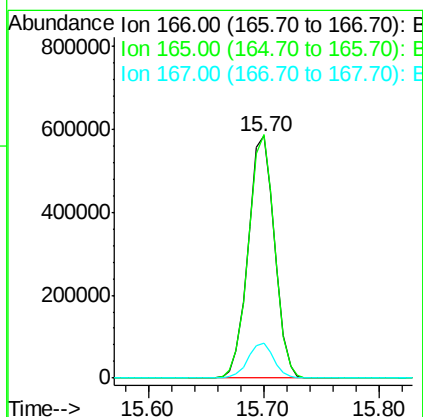
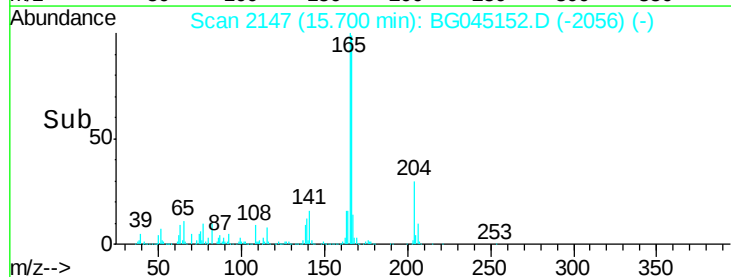
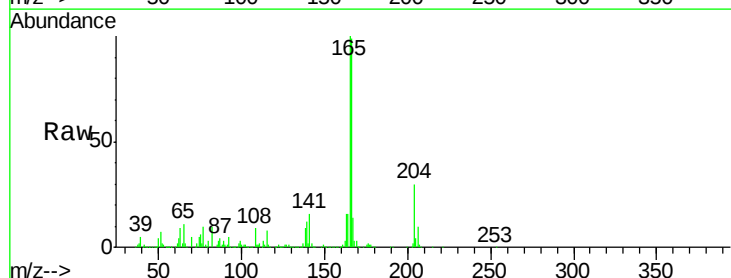
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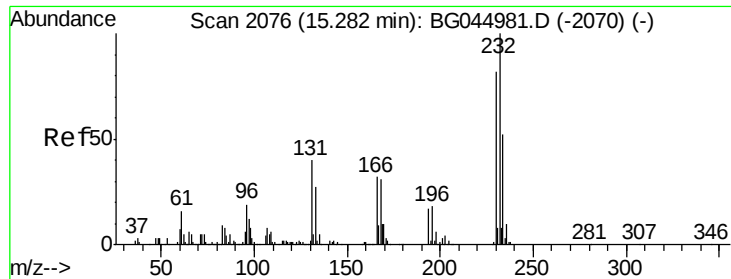
mohammad
4/24/2020 1:35:11 PM



#58
Fluorene
Concen: 52.08 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	100.5	79.9	119.9
167	14.4	11.4	17.0





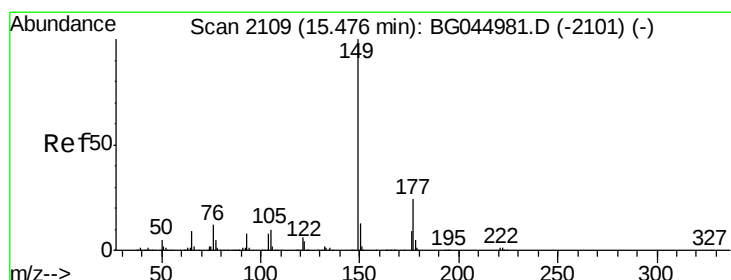
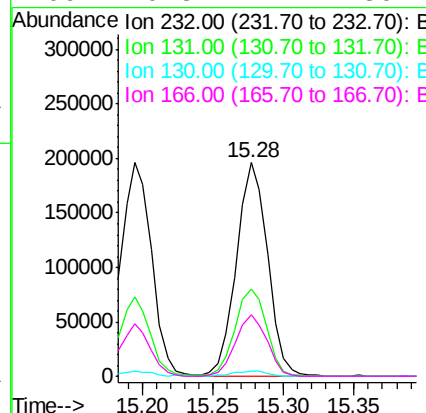
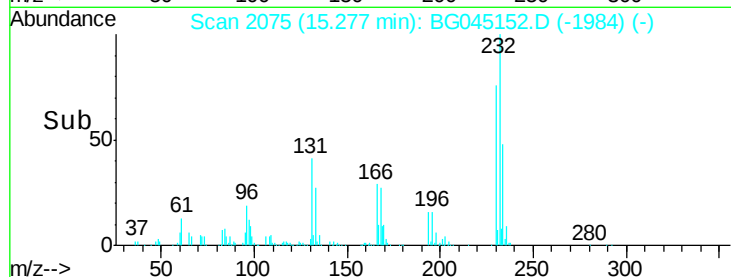
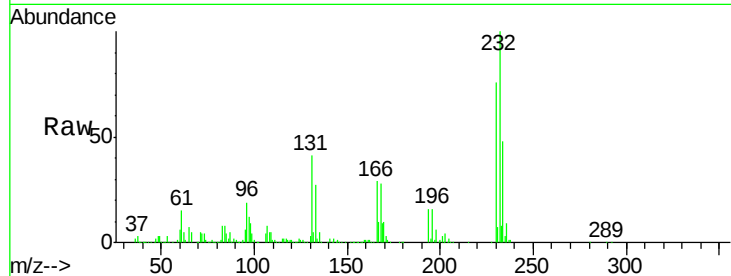
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.95 ng
RT: 15.28 min Scan# 2075
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	301091		
131	41.3	32.2	48.2	
130	2.7	2.2	3.2	
166	29.3	24.2	36.4	

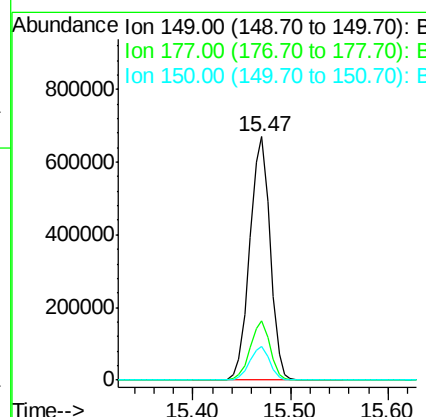
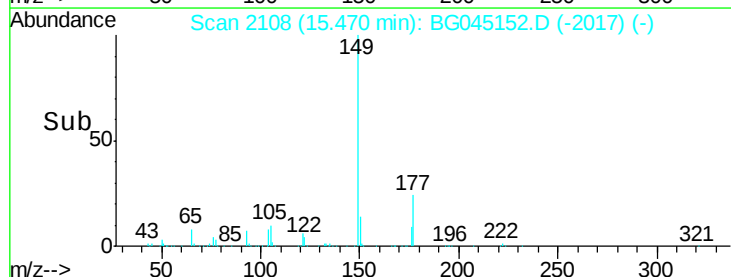
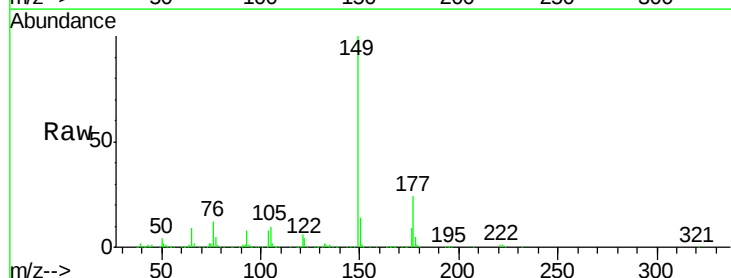
Manual Integrations
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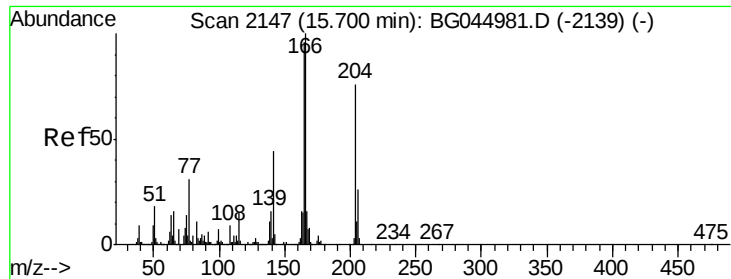
mohammad
4/24/2020 1:35:11 PM



#60
Diethylphthalate
Concen: 48.49 ng
RT: 15.47 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	962387		
177	24.1	18.9	28.3	
150	13.8	10.6	15.8	





#61

4-Chlorophenyl-phenylether

Concen: 50.76 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

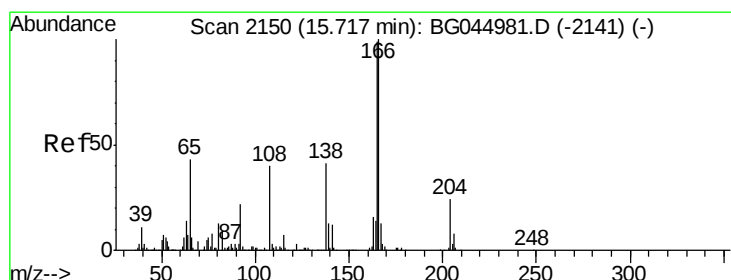
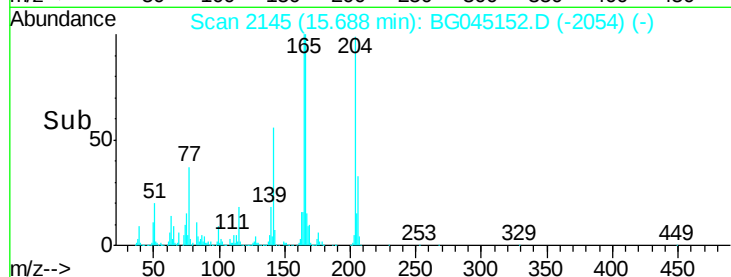
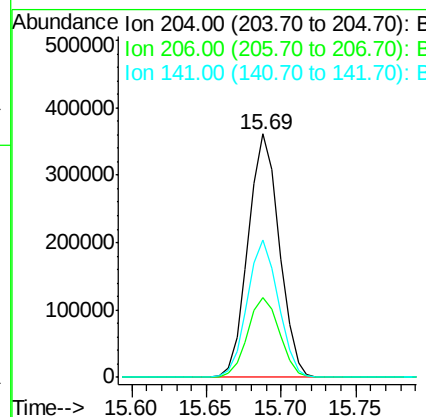
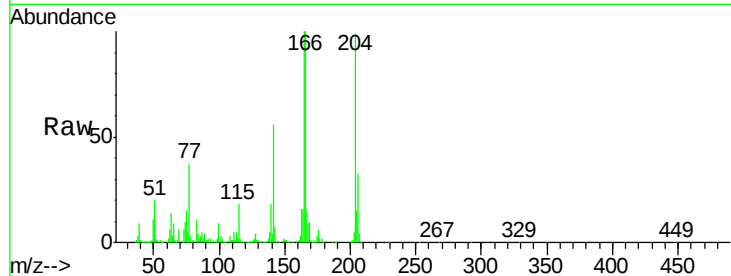
ClientSampleId :

TP-20-COMPMS

Tgt Ion:	204	Resp:	520637
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.9	40.3
141	56.5	46.3	69.5

Manual Integrations
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#62

4-Nitroaniline

Concen: 33.43 ng

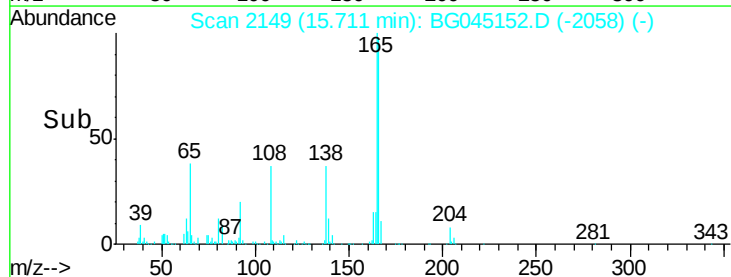
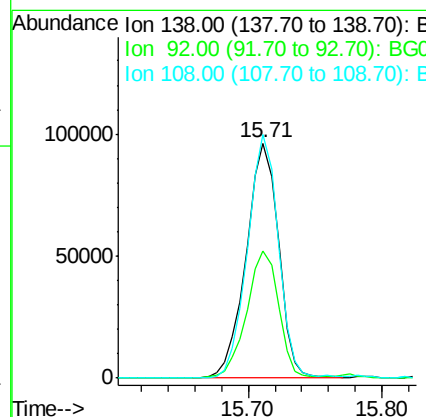
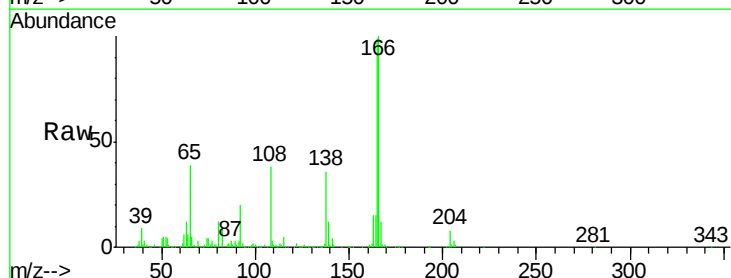
RT: 15.71 min Scan# 2149

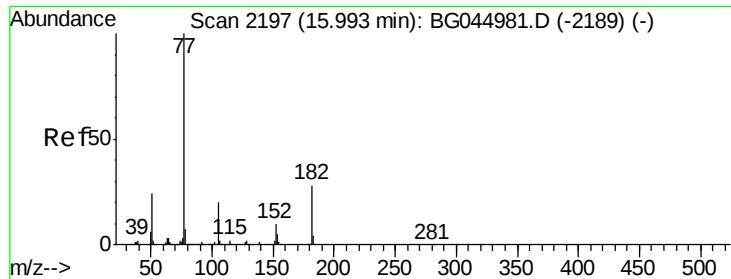
Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Tgt Ion:	138	Resp:	161915
Ion Ratio	Lower	Upper	
138	100		
92	54.1	33.6	73.6
108	103.7	78.2	118.2





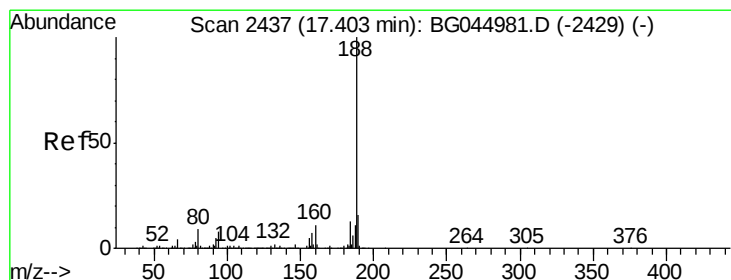
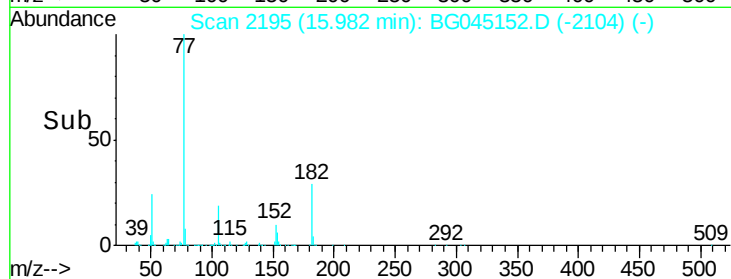
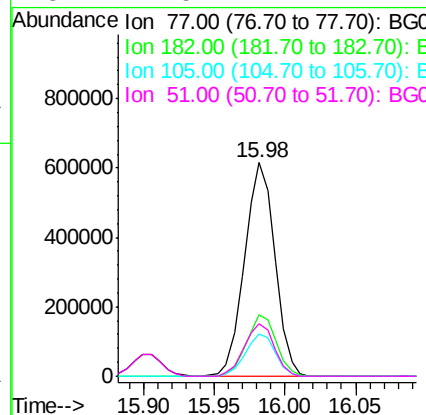
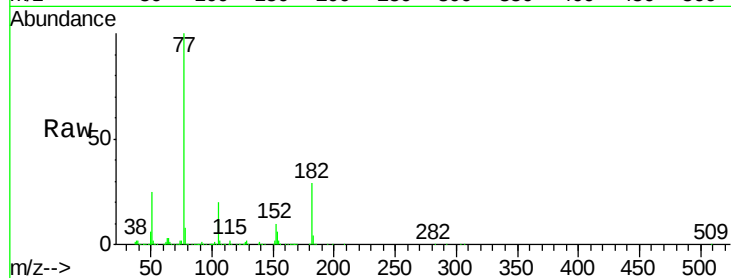
#63
Azobenzene
Concen: 50.47 ng
RT: 15.98 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPMS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		923649		
182	28.5	8.4	48.4		
105	19.9	0.5	40.5		
51	24.5	4.4	44.4		

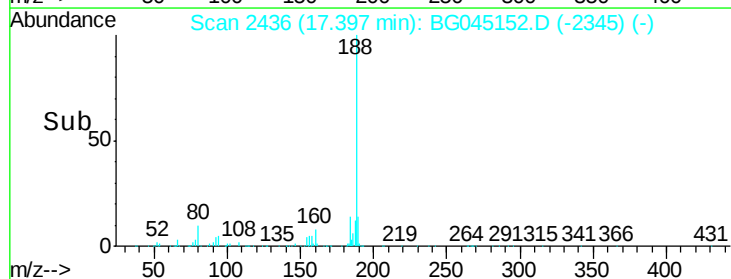
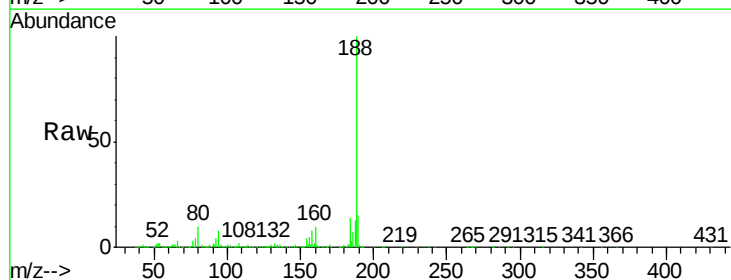
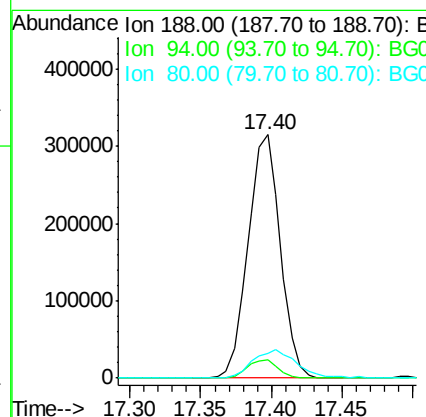
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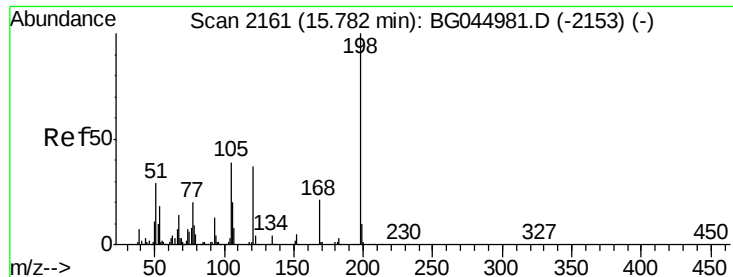
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		502615		
94	7.6	6.2	9.4		
80	10.2	7.0	10.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 26.77 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

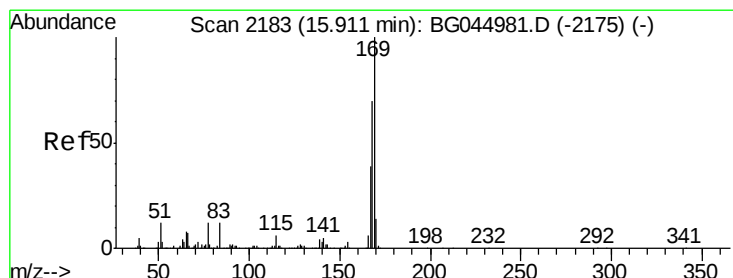
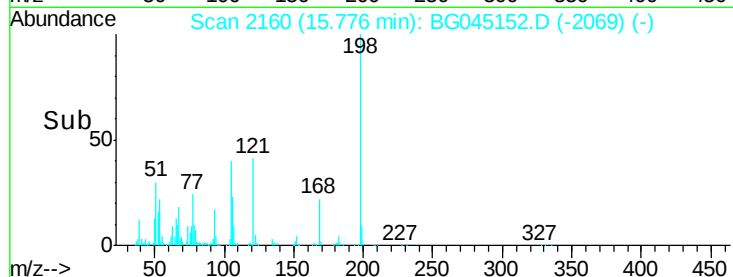
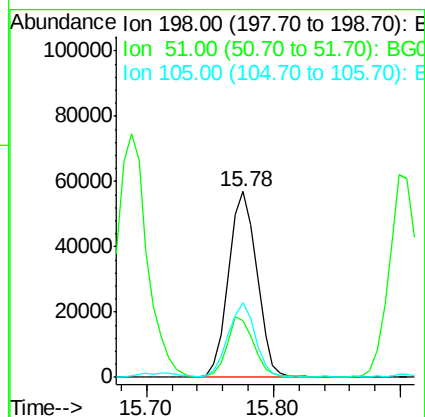
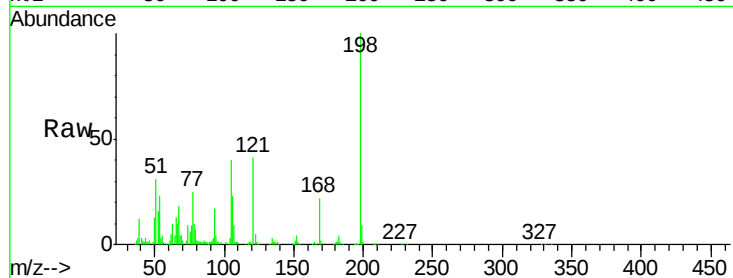
ClientSampleId :

TP-20-COMPMS

Tgt Ion:	198	Resp:	88448
Ion Ratio	Lower	Upper	
198	100		
51	30.7	10.0	50.0
105	40.2	18.9	58.9

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 56.10 ng

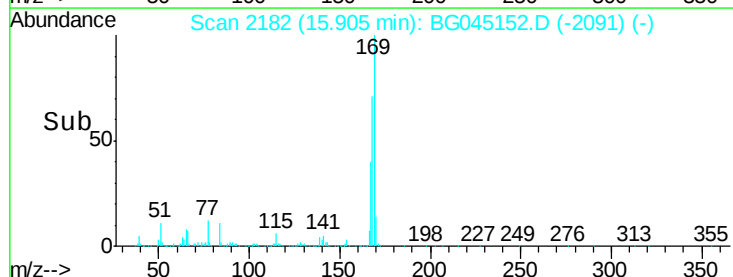
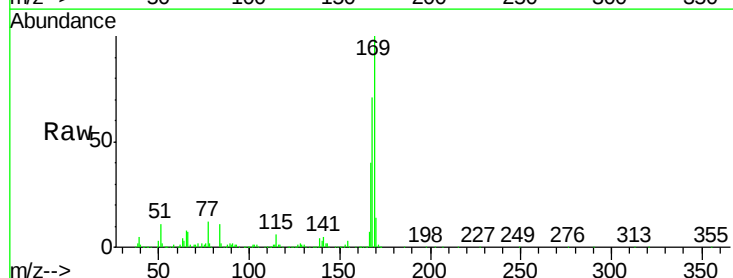
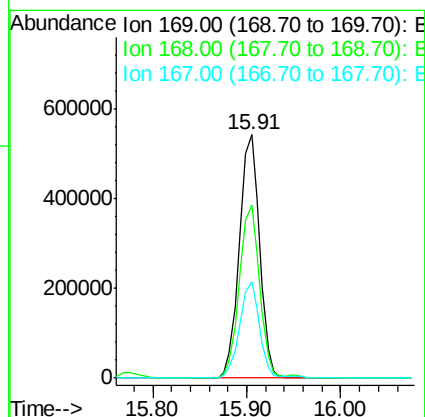
RT: 15.91 min Scan# 2182

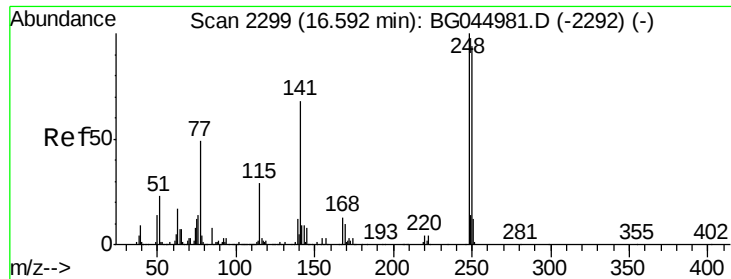
Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Tgt Ion:	169	Resp:	810190
Ion Ratio	Lower	Upper	
169	100		
168	71.0	55.8	83.8
167	39.8	30.8	46.2





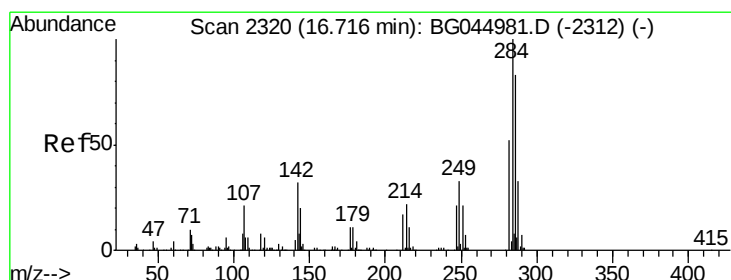
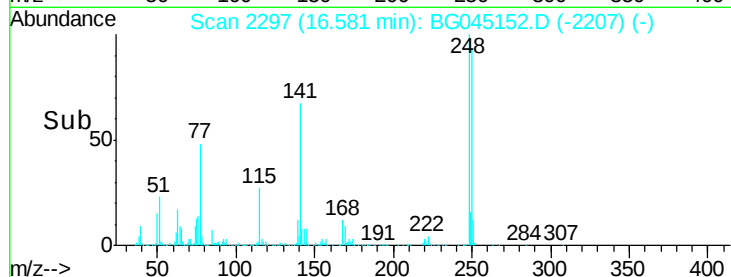
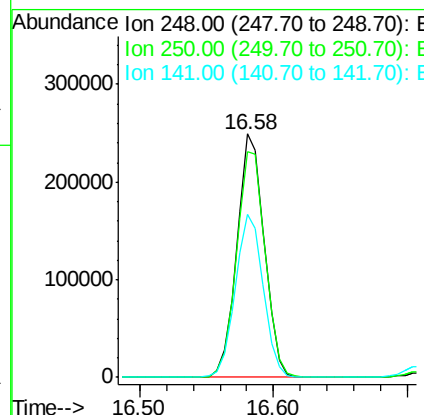
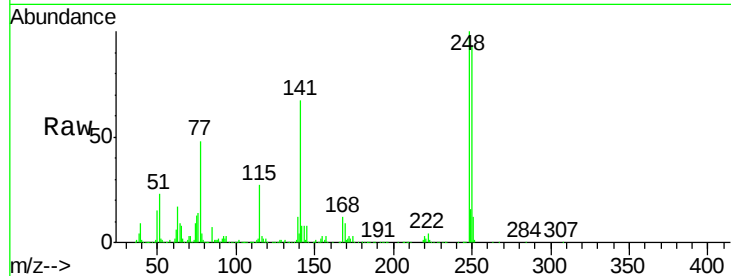
#67
 4-Bromophenyl-phenylether
 Concen: 54.79 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	355293		
250	92.7	75.4	113.2	
141	66.9	54.4	81.6	

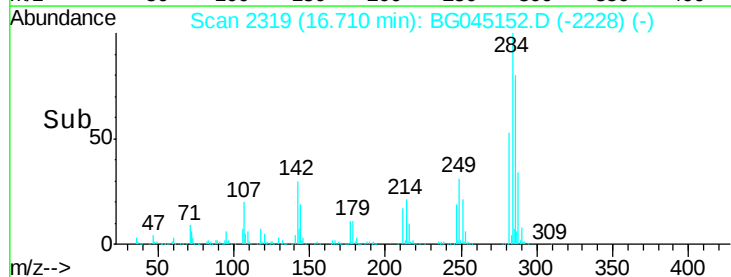
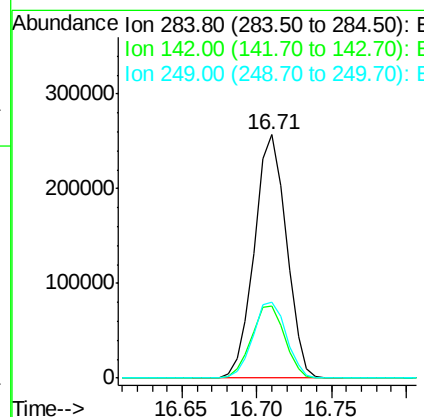
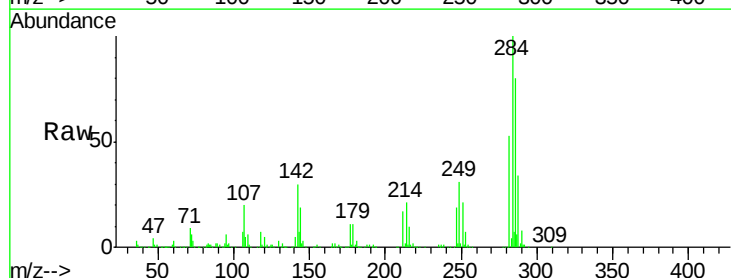
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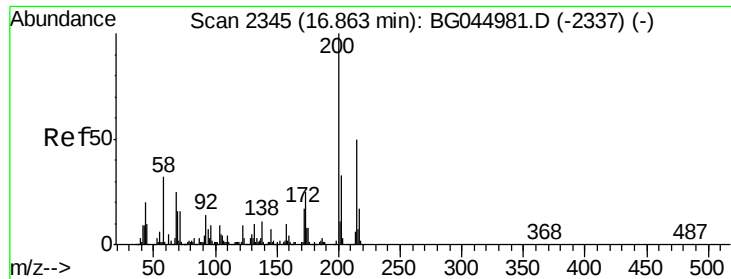
mohammad
 4/24/2020 1:35:11 PM



#68
 Hexachlorobenzene
 Concen: 56.50 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	379959		
142	29.8	25.8	38.6	
249	31.2	26.6	39.8	





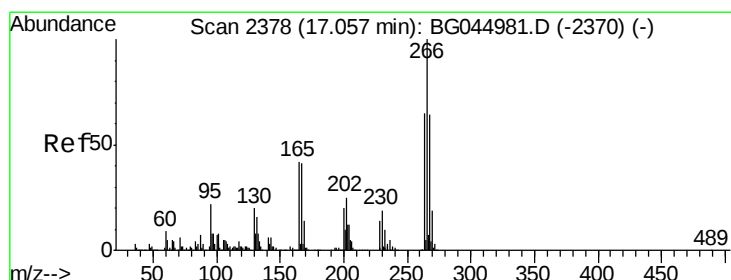
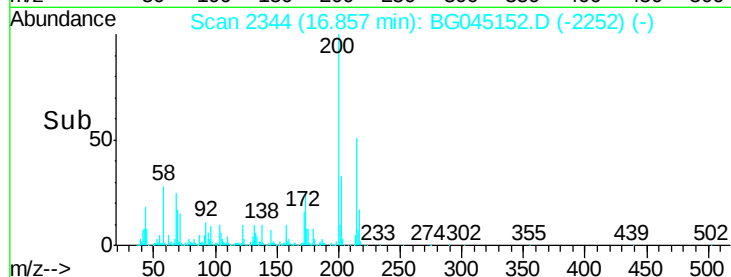
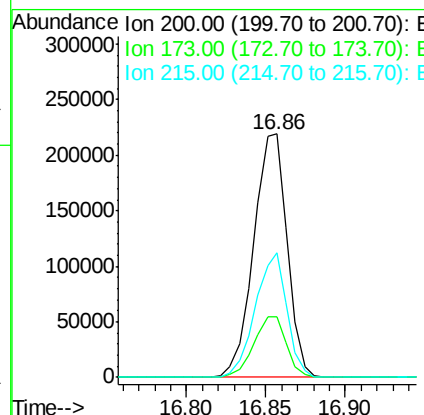
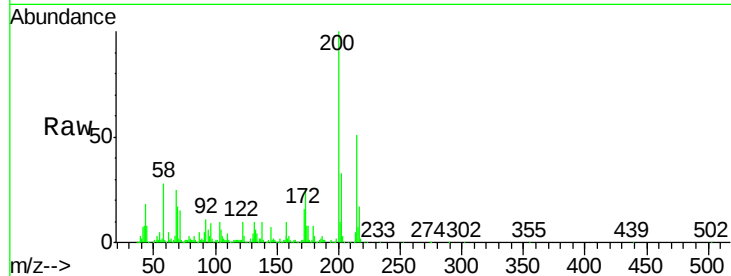
#69
Atrazine
Concen: 62.92 ng
RT: 16.86 min Scan# 2344
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.9	4.5	44.5
215	51.2	30.0	70.0

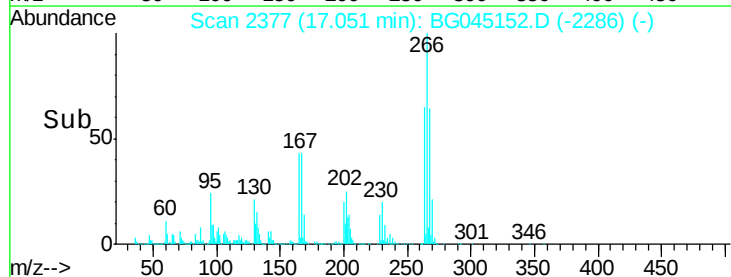
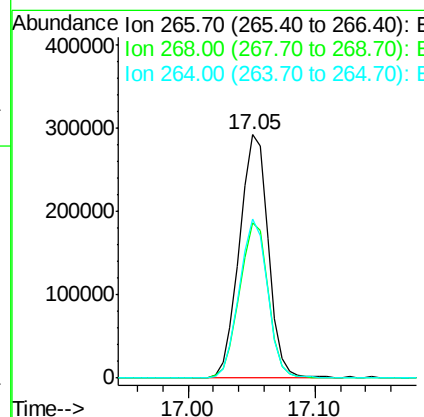
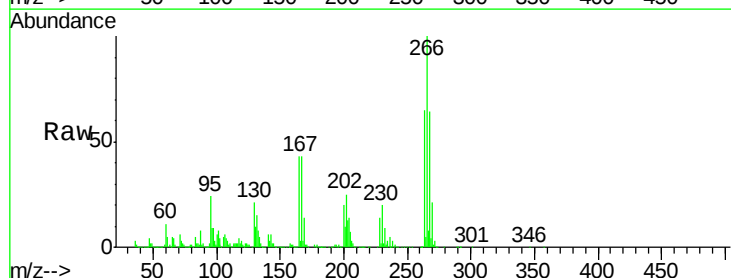
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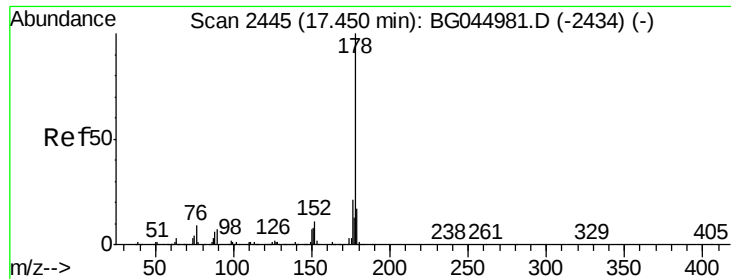
mohammad
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#70
Pentachlorophenol
Concen: 111.43 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.5	51.5	77.3
264	65.2	52.2	78.4





#71

Phenanthrene

Concen: 54.52 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

ClientSampleId :

TP-20-COMPMS

Tgt Ion:178 Resp: 1408053

Ion Ratio Lower Upper

178 100

176 21.8 16.8 25.2

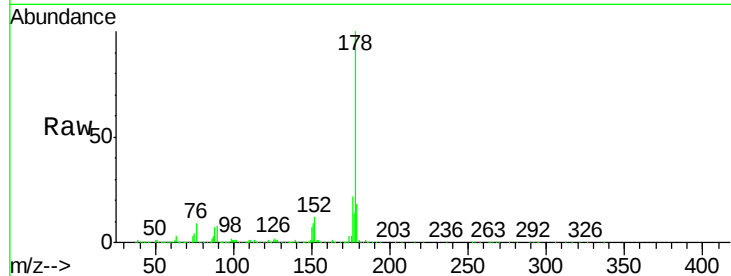
179 17.8 13.2 19.8

Manual Integrations

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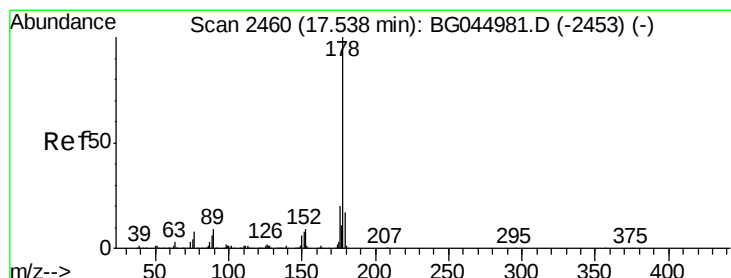
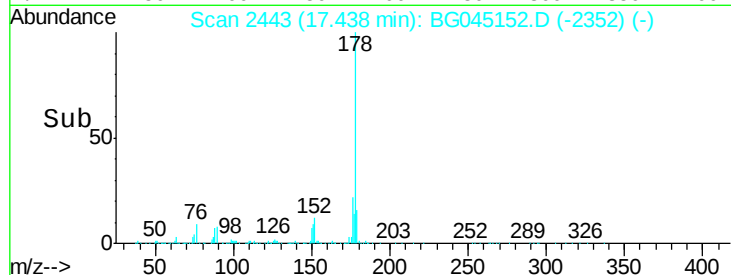
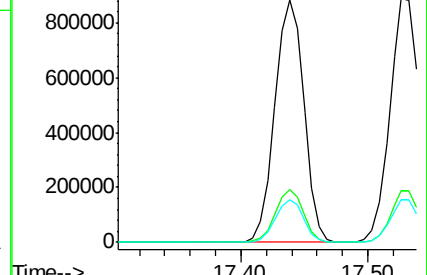
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.13 ng

RT: 17.53 min Scan# 2458

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

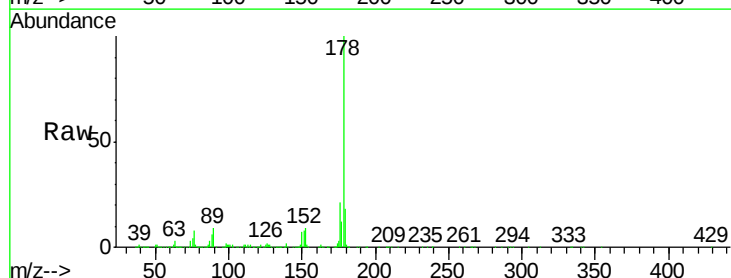
Tgt Ion:178 Resp: 1428357

Ion Ratio Lower Upper

178 100

176 21.3 16.0 24.0

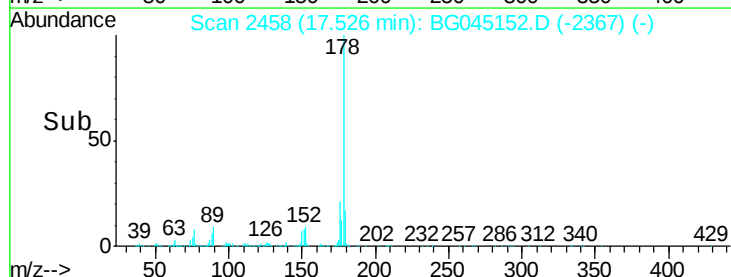
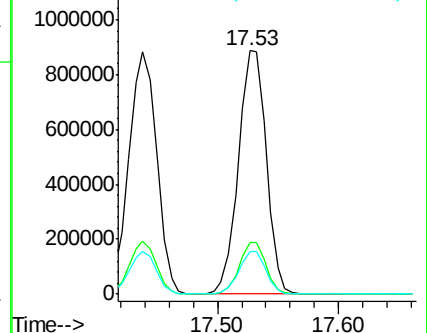
179 17.7 13.6 20.4

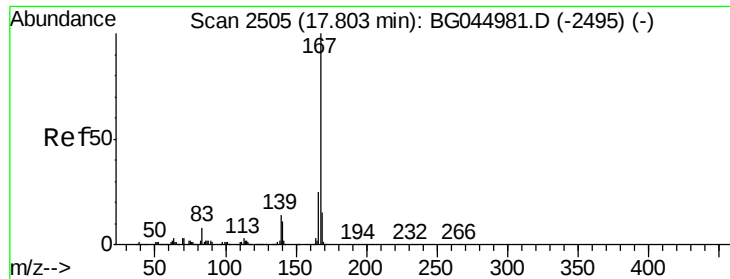


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





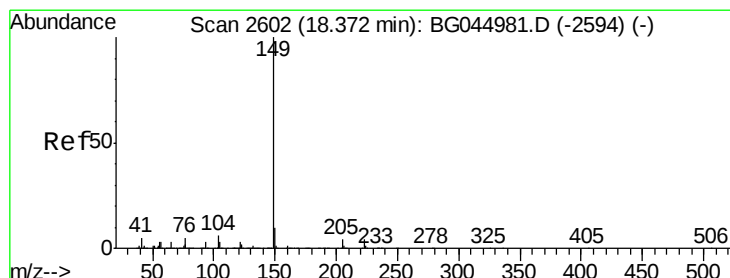
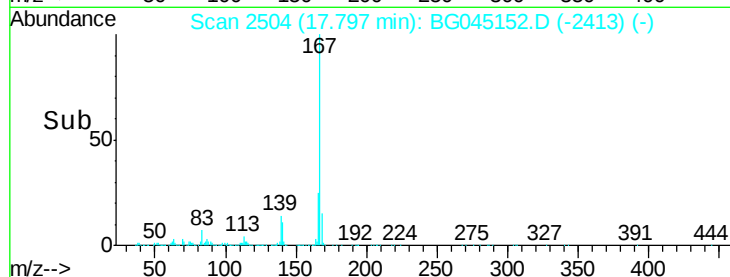
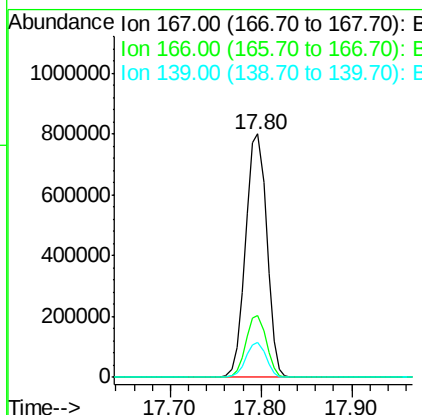
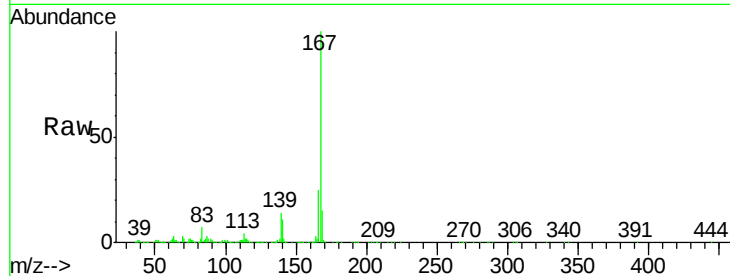
#73
 Carbazole
 Concen: 49.22 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMPMS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.3	19.8	29.6
139	14.3	10.9	16.3

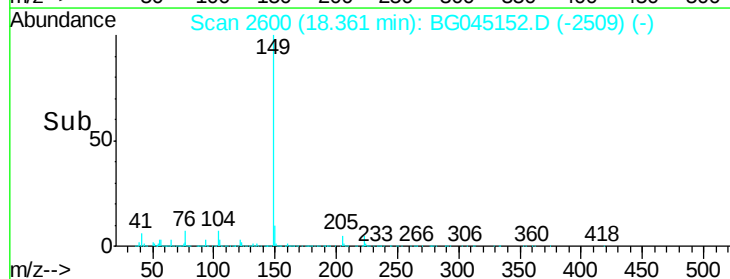
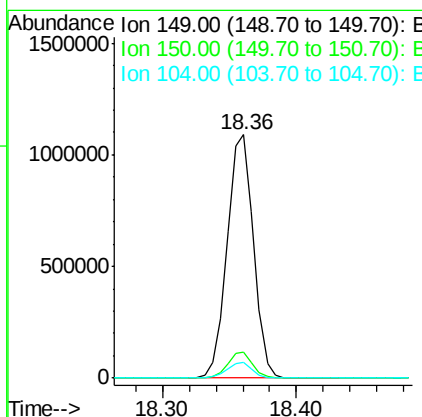
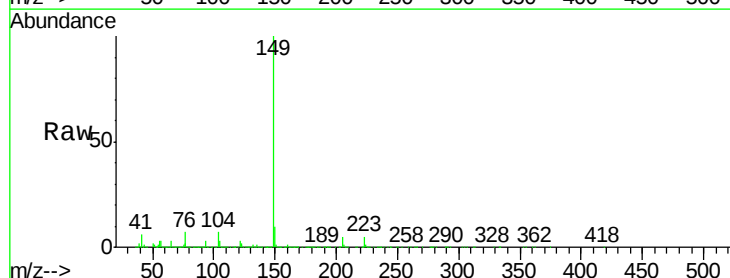
Manual Integrations
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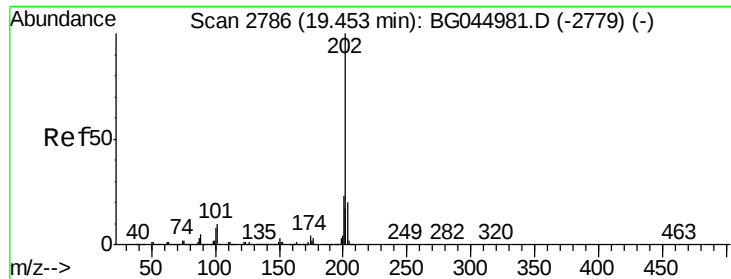
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#74
 Di-n-butylphthalate
 Concen: 53.79 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. 0.01 min
 Lab File: BG045152.D
 Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.2
104	6.7	4.8	7.2





#75

Fluoranthene

Concen: 51.85 ng

RT: 19.45 min Scan# 2785

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

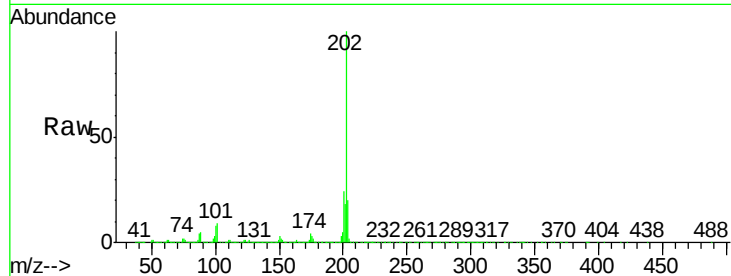
ClientSampleId :

TP-20-COMPMS

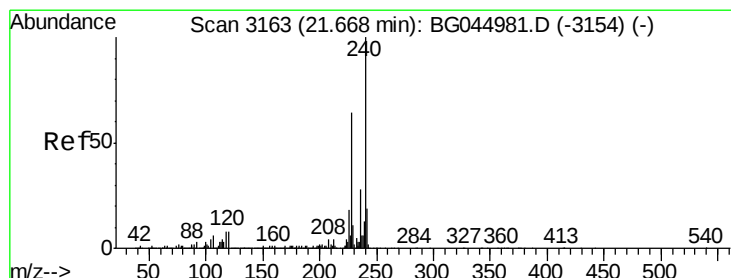
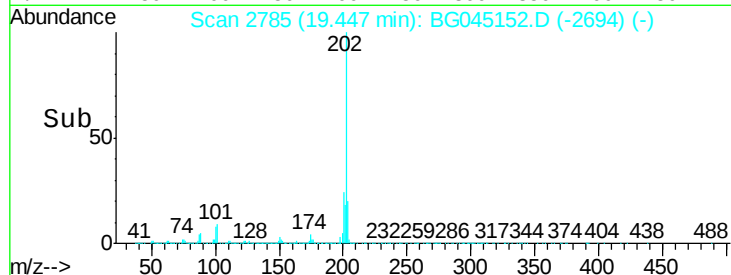
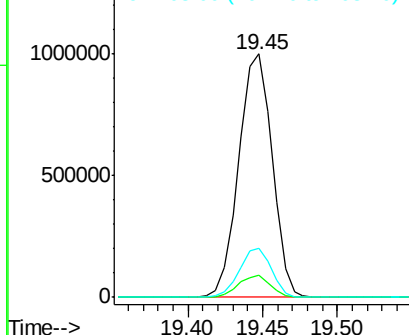
Tgt Ion:	202	Resp:	1545673
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	29.6
203	20.2	0.0	39.7

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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: 20.00 ng

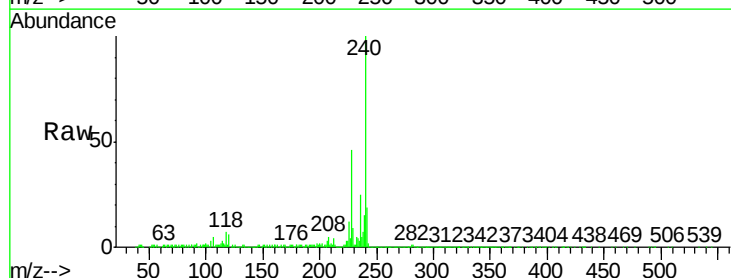
RT: 21.66 min Scan# 3162

Delta R.T. 0.01 min

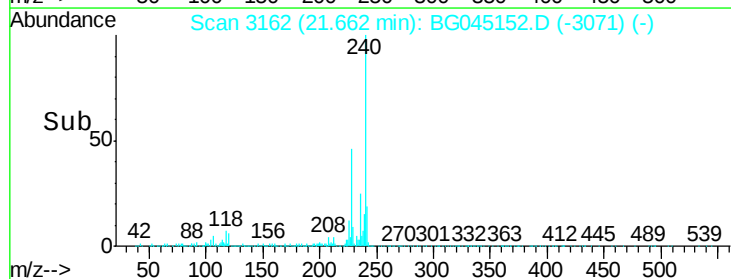
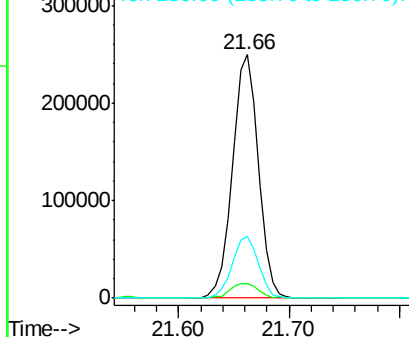
Lab File: BG045152.D

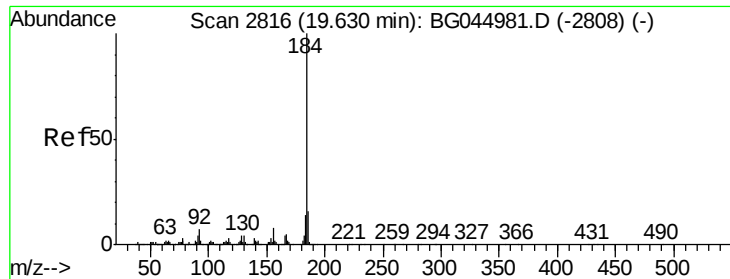
Acq: 23 Apr 2020 21:49

Tgt Ion:	240	Resp:	409252
Ion Ratio	Lower	Upper	
240	100		
120	6.0	6.6	10.0#
236	25.4	22.2	33.2



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





#77

Benzidine

Concen: 29.01 ng

RT: 19.62 min Scan# 2814

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

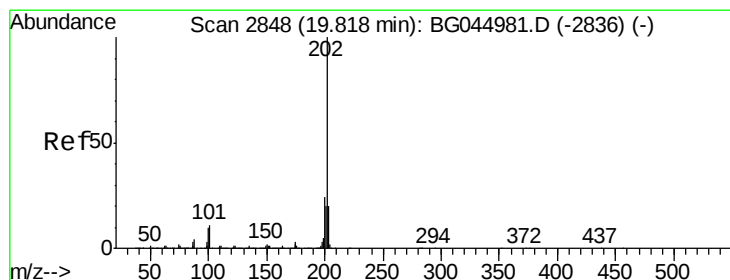
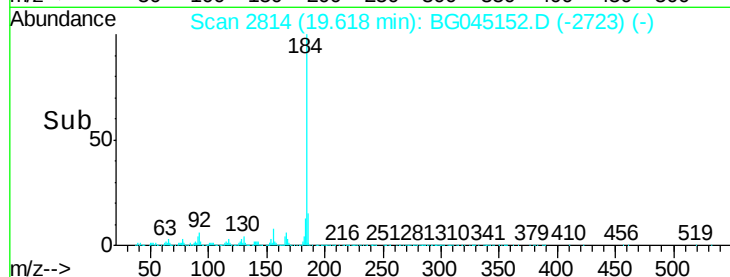
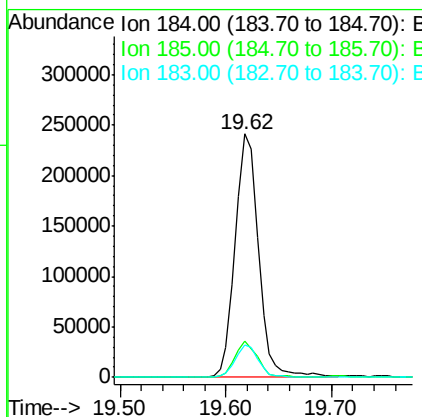
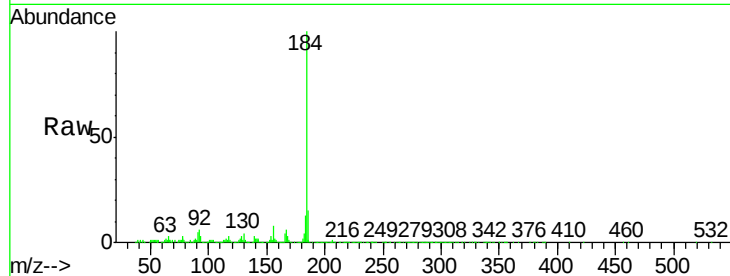
ClientSampleId :

TP-20-COMPMS

Tgt Ion:	184	Resp:	368953
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	19.0
183	13.2	11.3	16.9

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#78

Pyrene

Concen: 54.14 ng

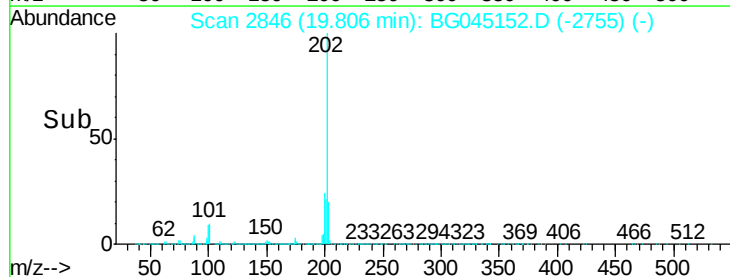
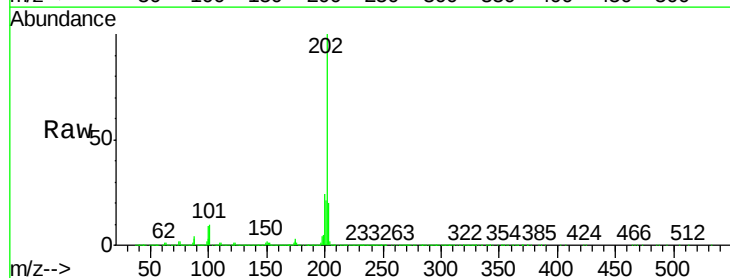
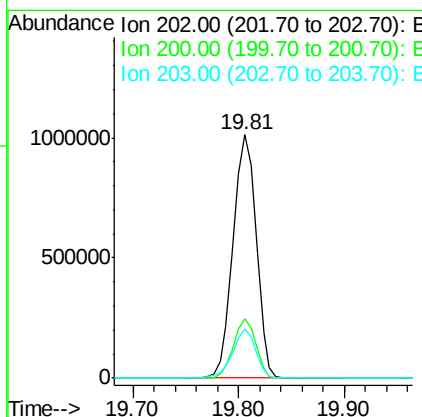
RT: 19.81 min Scan# 2846

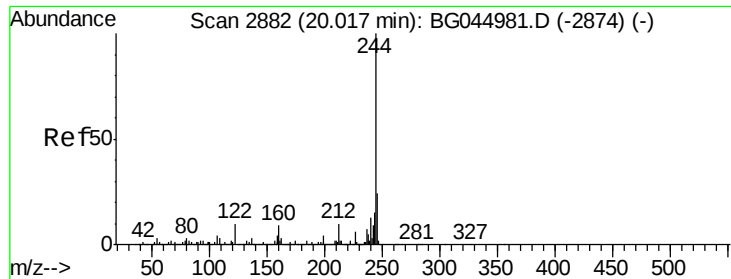
Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Tgt Ion:	202	Resp:	1527567
Ion Ratio	Lower	Upper	
202	100		
200	24.1	19.0	28.6
203	19.9	16.1	24.1





#79

Terphenyl-d14

Concen: 118.77 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

ClientSampleId :

TP-20-COMPMS

Tgt Ion:244 Resp: 2230109

Ion Ratio Lower Upper

244 100

212 10.4 7.9 11.9

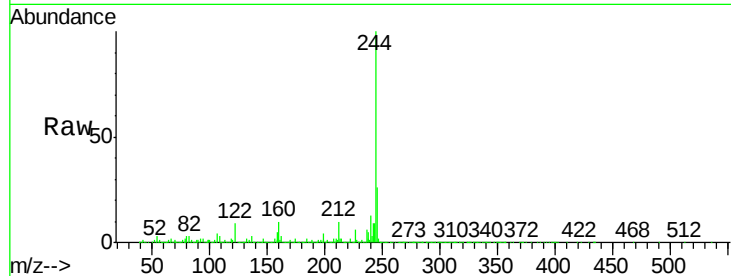
122 9.3 7.7 11.5

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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

2000000

1500000

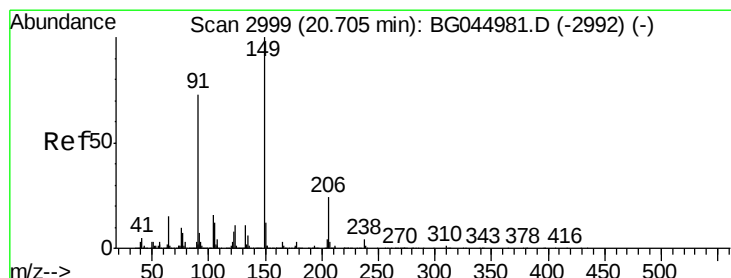
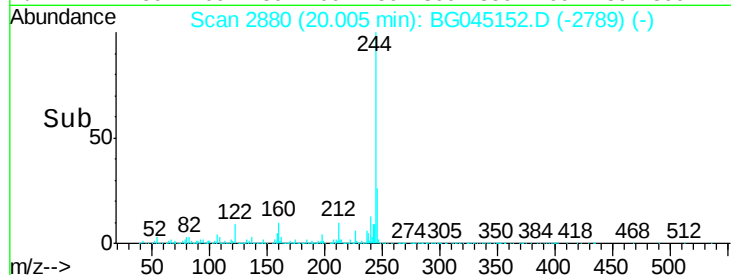
1000000

500000

0

19.95 20.01 20.05

Time-->



#80

Butylbenzylphthalate

Concen: 51.49 ng

RT: 20.69 min Scan# 2997

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

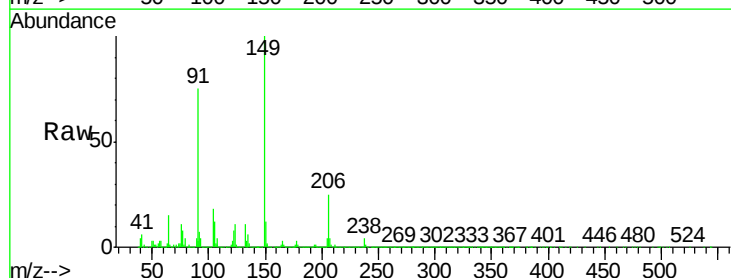
Tgt Ion:149 Resp: 602155

Ion Ratio Lower Upper

149 100

91 74.8 58.5 87.7

206 24.7 19.2 28.8



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

600000

500000

400000

300000

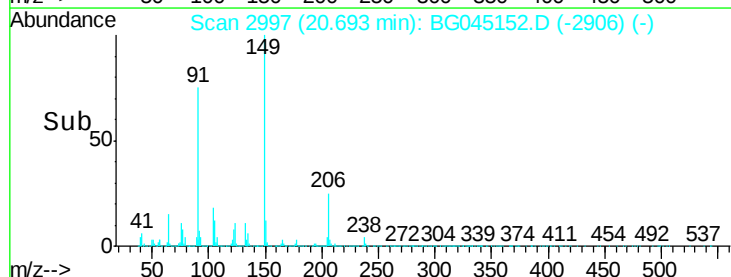
200000

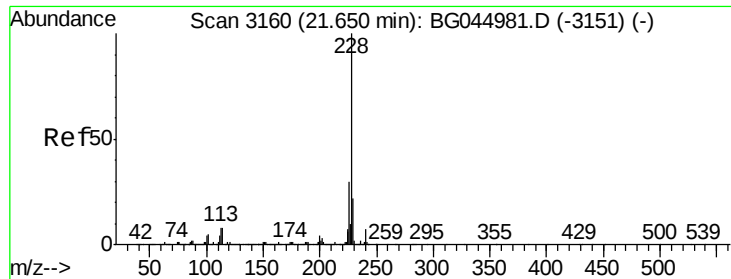
100000

0

20.65 20.70 20.75

Time-->





#81

Benzo(a)anthracene

Concen: 54.26 ng

RT: 21.64 min Scan# 3158

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

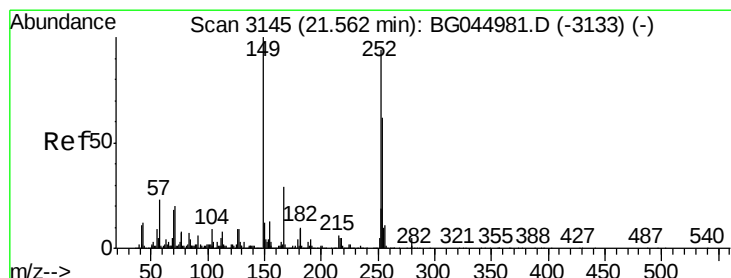
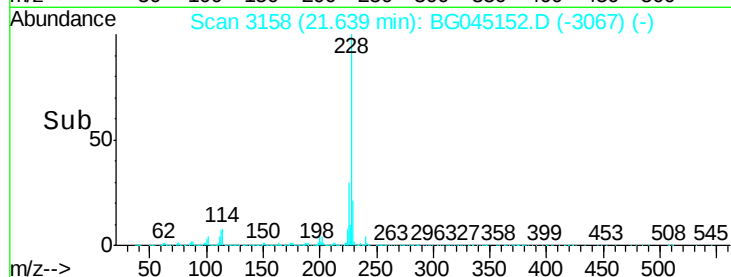
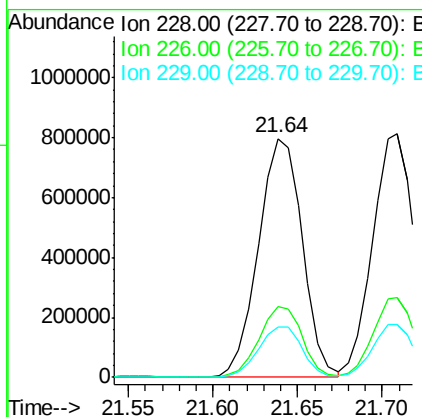
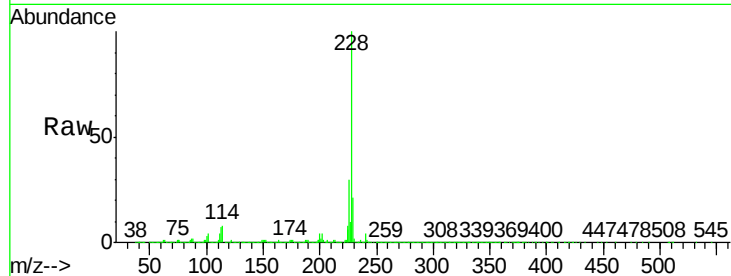
ClientSampleId :

TP-20-COMPMS

Tgt Ion:	228	Resp:	1439267
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	21.3	17.5	26.3

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#82

3,3'-Dichlorobenzidine

Concen: 44.88 ng

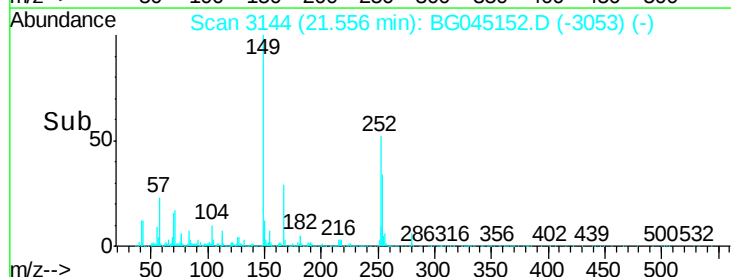
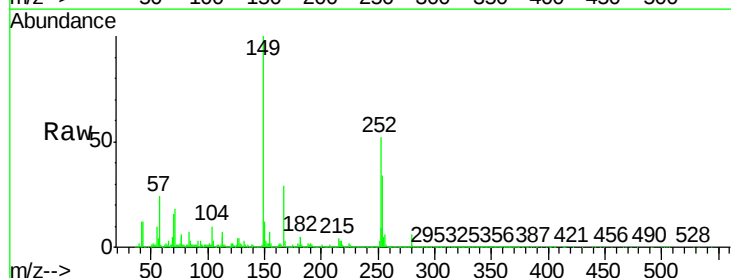
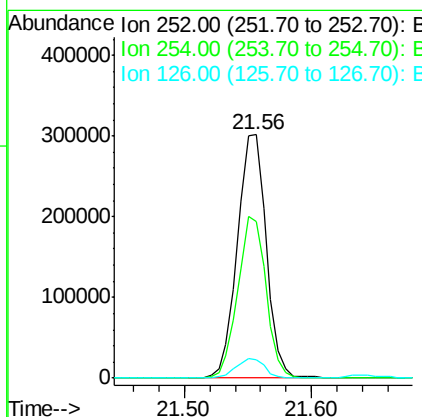
RT: 21.56 min Scan# 3144

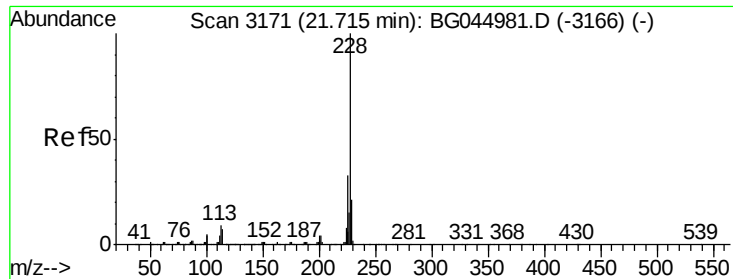
Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Tgt Ion:	252	Resp:	473793
Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.6	79.0
126	7.7	7.5	11.3





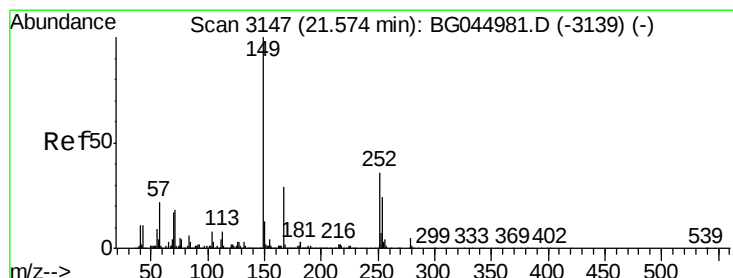
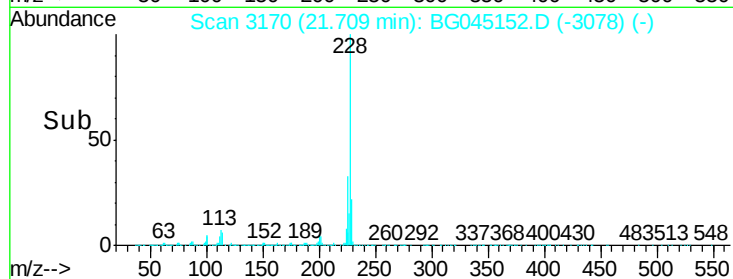
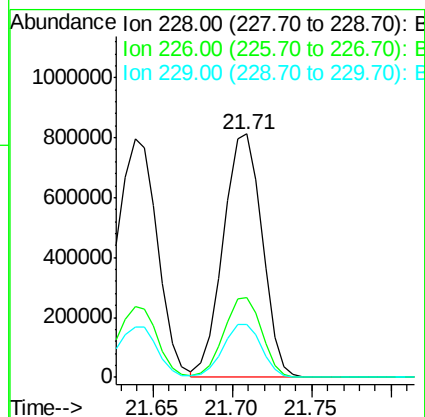
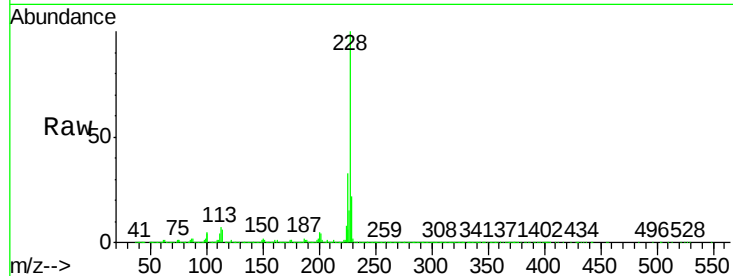
#83
Chrysene
Concen: 54.10 ng
RT: 21.71 min Scan# 3170
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPMS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	26.2	39.4
229	21.6	17.0	25.6

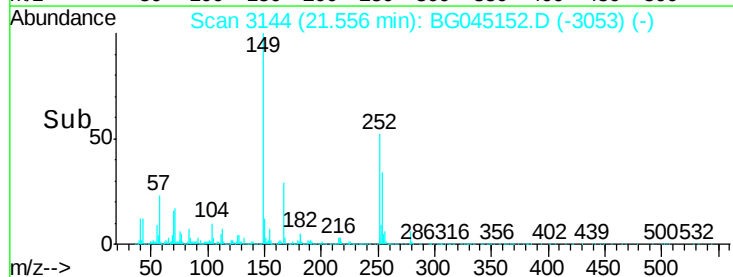
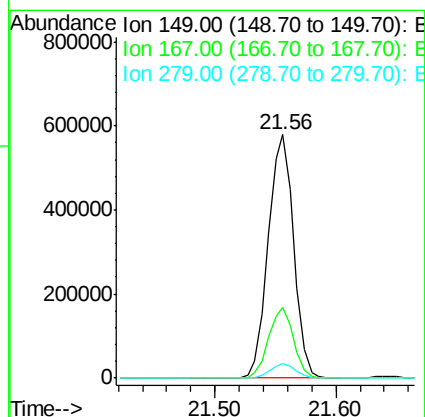
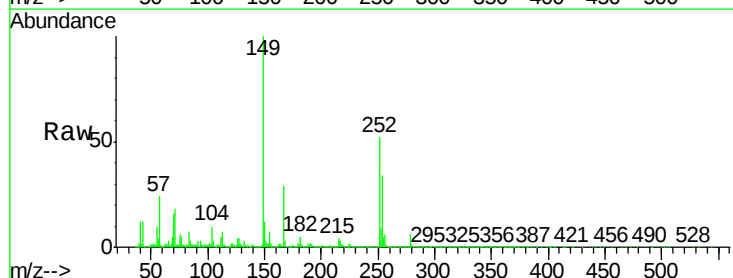
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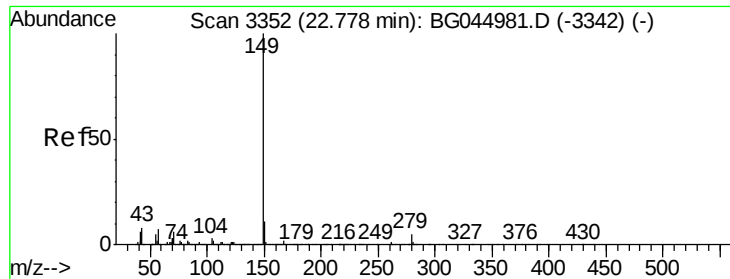
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#84
Bis(2-ethylhexyl)phthalate
Concen: 52.44 ng
RT: 21.56 min Scan# 3144
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.0
279	5.9	4.3	6.5





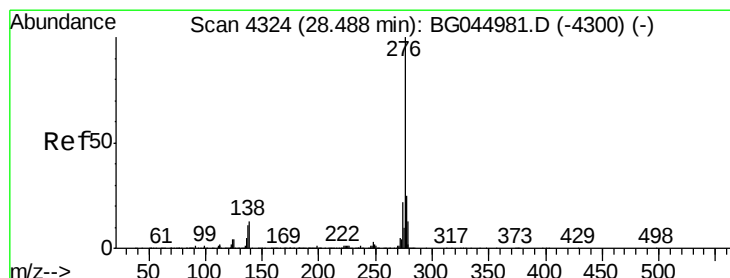
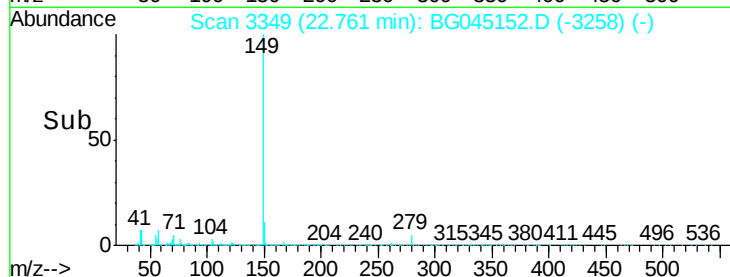
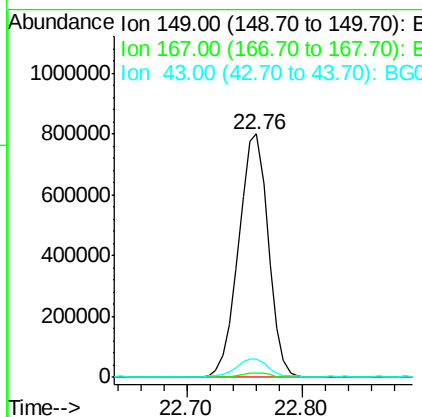
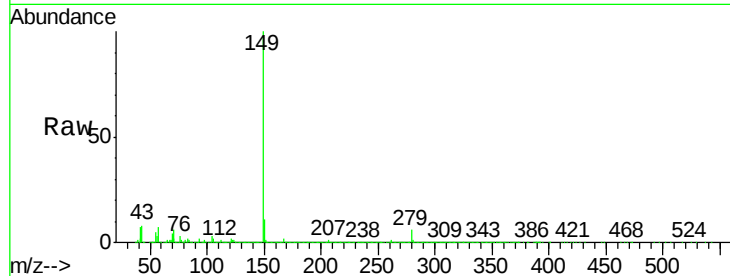
#85
Di-n-octyl phthalate
Concen: 51.23 ng
RT: 22.76 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPMS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	7.5	5.7	8.5

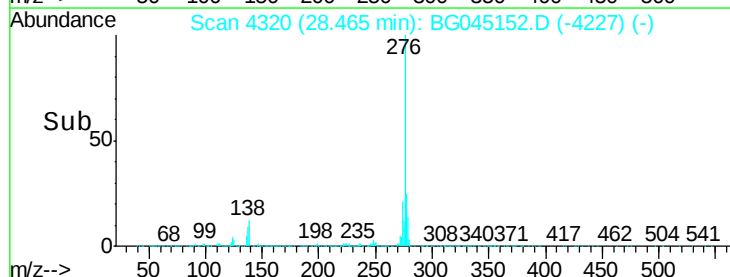
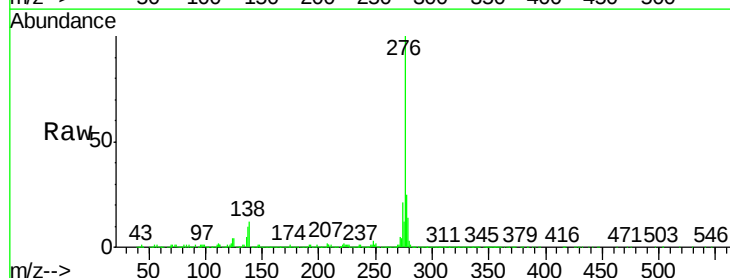
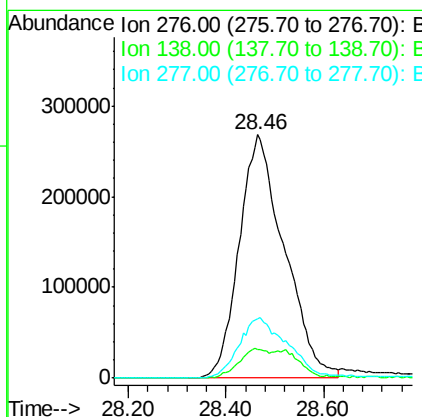
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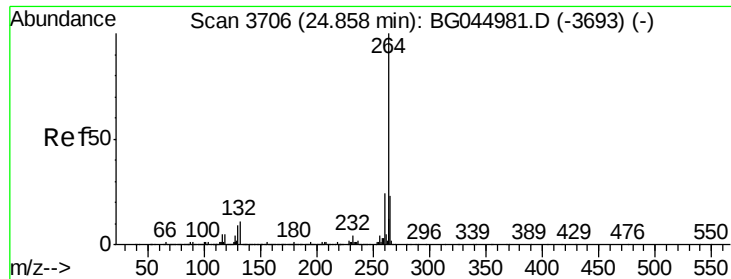
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#86
Indeno(1,2,3-cd)pyrene
Concen: 50.57 ng
RT: 28.46 min Scan# 4320
Delta R.T. 0.02 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.9	9.6	14.4#
277	26.3	20.6	31.0





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.84 min Scan# 3703

Delta R.T. 0.01 min

Lab File: BG045152.D

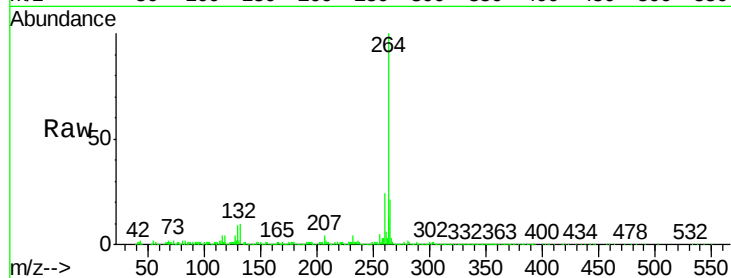
Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

ClientSampleId :

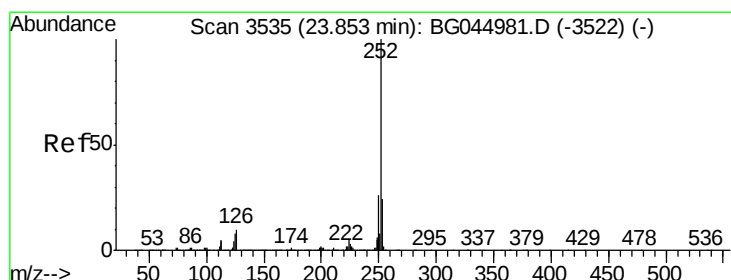
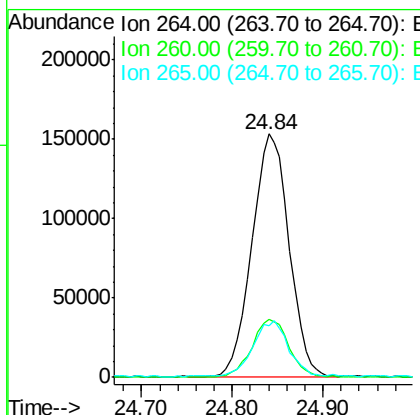
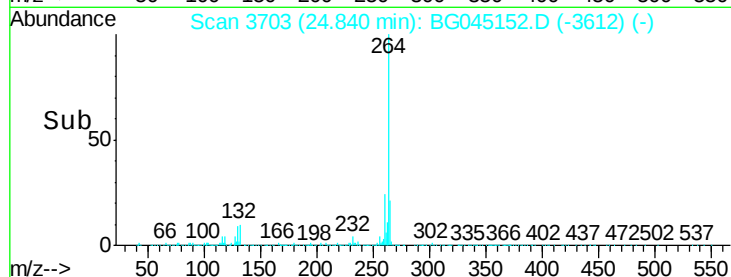
TP-20-COMPMS



Tgt Ion:	264	Resp:	438979
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.3	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 55.46 ng

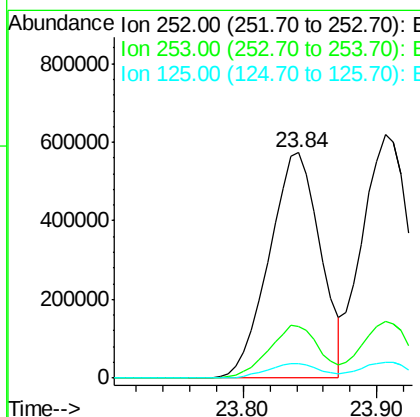
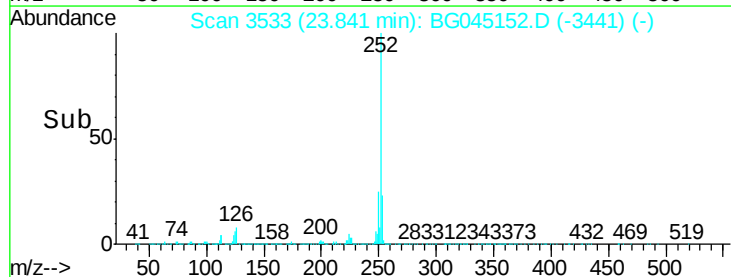
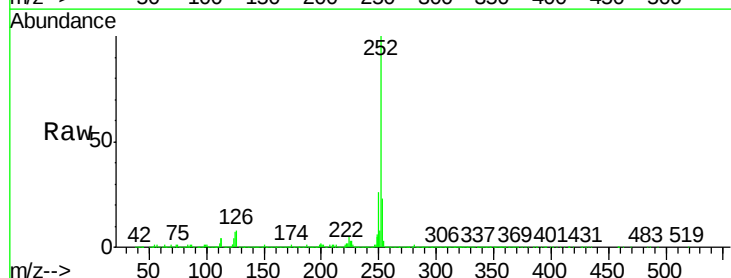
RT: 23.84 min Scan# 3533

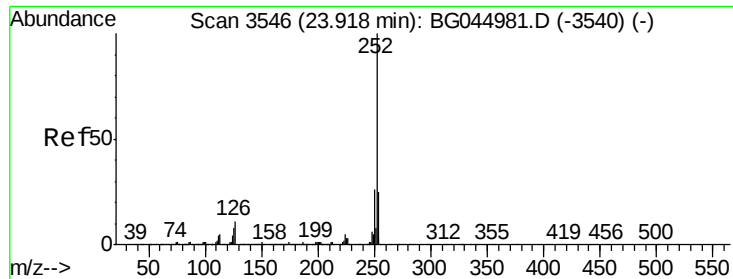
Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Tgt Ion:	252	Resp:	1524910
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.8	28.2
125	6.6	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 57.36 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.01 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Instrument :

BNA_G

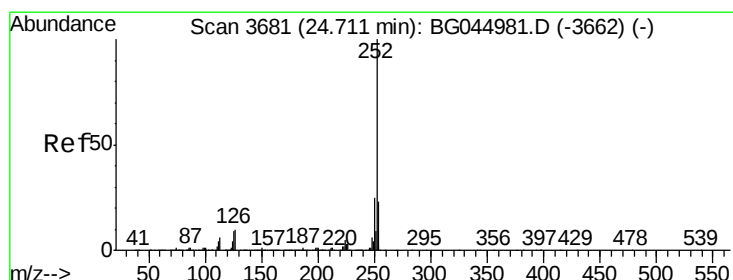
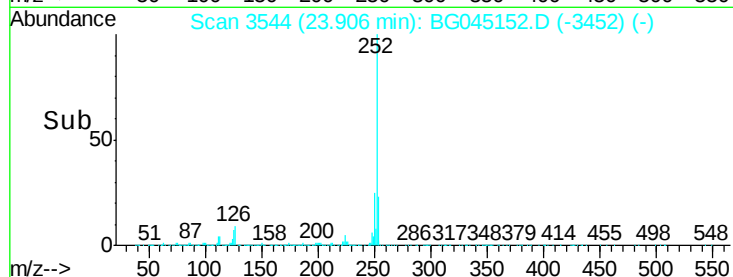
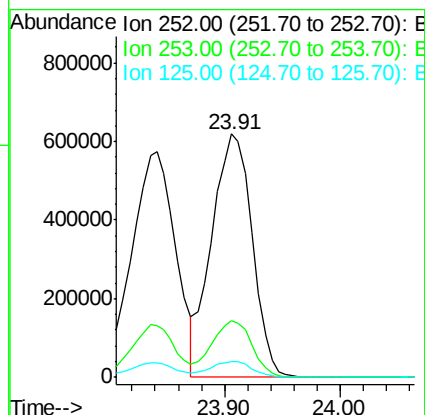
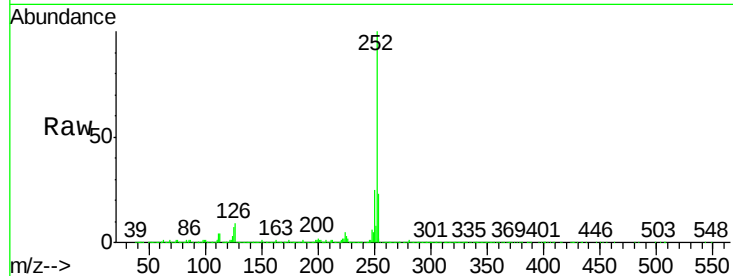
ClientSampleId :

TP-20-COMPMS

Tgt Ion:	252	Resp:	1499841
Ion Ratio	Lower	Upper	
252	100		
253	23.4	19.2	28.8
125	6.7	5.9	8.9

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#90

Benzo(a)pyrene

Concen: 54.27 ng

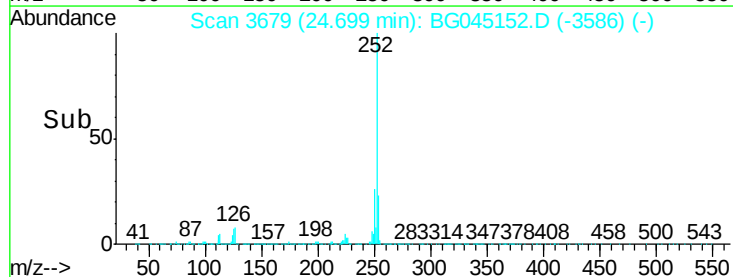
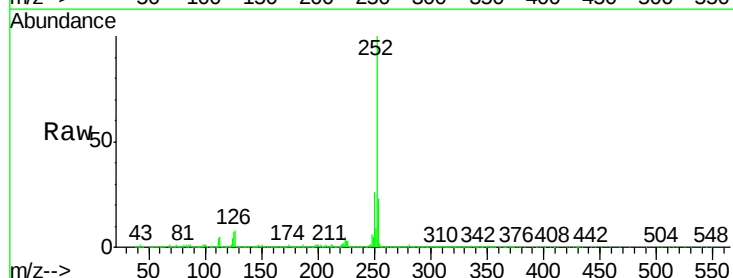
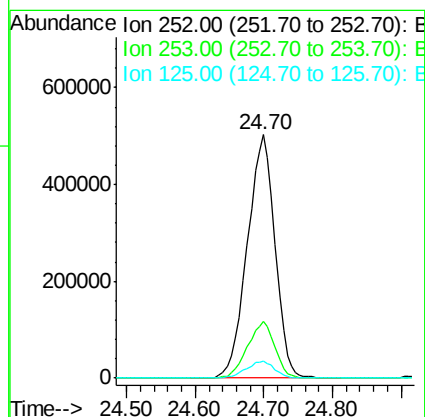
RT: 24.70 min Scan# 3679

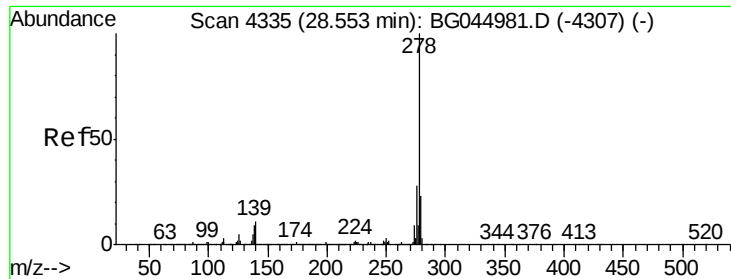
Delta R.T. 0.02 min

Lab File: BG045152.D

Acq: 23 Apr 2020 21:49

Tgt Ion:	252	Resp:	1408831
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.3	27.5
125	6.9	7.0	10.6#





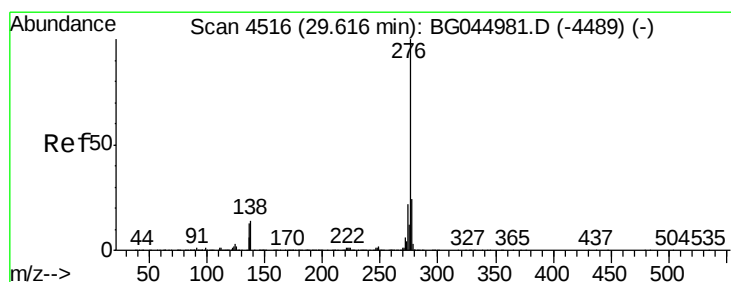
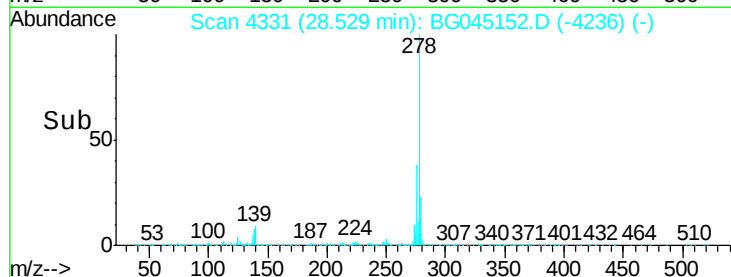
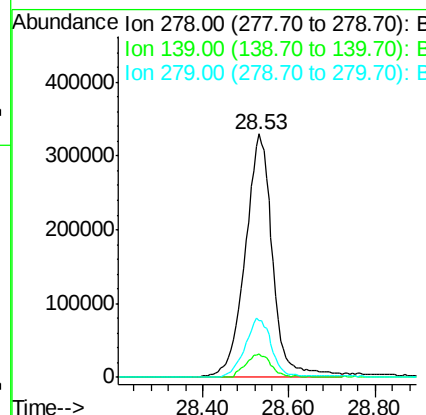
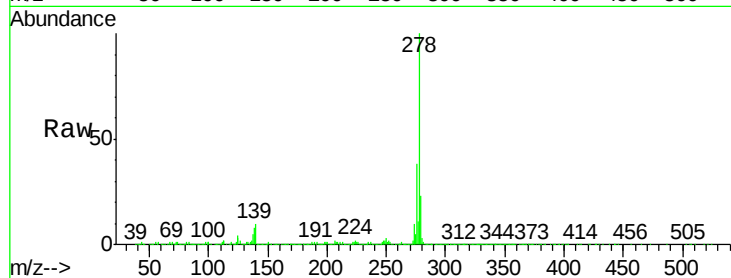
#91
Dibenzo(a,h)anthracene
Concen: 56.31 ng
RT: 28.53 min Scan# 4331
Delta R.T. 0.03 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.7	9.0	13.6
279	23.5	18.4	27.6

Manual Integrations
APPROVED

mohammad
4/24/2020 1:35:11 PM



#92
Benzo(g,h,i)perylene
Concen: 50.91 ng
RT: 29.60 min Scan# 4513
Delta R.T. 0.03 min
Lab File: BG045152.D
Acq: 23 Apr 2020 21:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.3	28.9
138	11.5	11.4	17.2

