

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045315.D
 Acq On : 12 May 2020 4:43
 Operator : CG/JU
 Sample : L2557-02MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMS

Manual Integrations
 APPROVED

mohammad
 5/13/2020 8:15:22 AM

Quant Time: May 12 05:48:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	75890	20.00	ng	-0.01
21) Naphthalene-d8	10.78	136	307826	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	224472	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	544729	20.00	ng	0.00
76) Chrysene-d12	21.63	240	498667	20.00	ng	0.00
87) Perylene-d12	24.79	264	558611	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	380319	82.74	ng	0.00
7) Phenol-d6	7.14	99	561509	82.22	ng	0.00
23) Nitrobenzene-d5	9.13	82	352804	52.30	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	271480	78.29	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	835550	54.58	ng	0.00
79) Terphenyl-d14	19.98	244	1457052	63.68	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.42	88	75497	36.96 ng	98
3) Pyridine	3.82	79	173462	27.58 ng	96
4) n-Nitrosodimethylamine	3.73	42	78216	40.59 ng	94
6) Aniline	7.29	93	265694	29.92 ng	98
8) 2-Chlorophenol	7.54	128	213387	43.19 ng	95
9) Benzaldehyde	7.10	77	160729	42.52 ng	97
10) Phenol	7.17	94	294161	43.04 ng	99
11) bis(2-Chloroethyl)ether	7.39	93	195575	35.94 ng	98
12) 1,3-Dichlorobenzene	7.86	146	226146	38.85 ng	99
13) 1,4-Dichlorobenzene	8.01	146	226872	39.11 ng	96
14) 1,2-Dichlorobenzene	8.33	146	216499	39.01 ng	97
15) Benzyl Alcohol	8.21	79	218849	38.22 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	178361	33.39 ng	98
17) 2-Methylphenol	8.42	107	197320	37.42 ng	96
18) Hexachloroethane	9.06	117	84613	38.80 ng	93
19) n-Nitroso-di-n-propylamine	8.78	70	168668	34.92 ng	# 97
20) 3+4-Methylphenols	8.75	107	299726	40.61 ng	98
22) Acetophenone	8.79	105	324926	39.03 ng	# 97
24) Nitrobenzene	9.17	77	262363	37.94 ng	97
25) Isophorone	9.70	82	482487	34.92 ng	97
26) 2-Nitrophenol	9.89	139	118895	39.91 ng	93
27) 2,4-Dimethylphenol	9.96	122	202842	42.92 ng	95
28) bis(2-Chloroethoxy)methane	10.18	93	267379	36.83 ng	98
29) 2,4-Dichlorophenol	10.43	162	221243	40.54 ng	96
30) 1,2,4-Trichlorobenzene	10.65	180	241549	39.09 ng	93
31) Naphthalene	10.83	128	647376	38.44 ng	99
32) Benzoic acid	10.11	122	118766	33.35 ng	99
33) 4-Chloroaniline	10.94	127	154227	19.64 ng	98
34) Hexachlorobutadiene	11.13	225	161633	38.15 ng	98
35) Caprolactam	11.70	113	81277m	37.42 ng	
36) 4-Chloro-3-methylphenol	12.07	107	257113	40.10 ng	99
37) 2-Methylnaphthalene	12.44	142	504941	38.63 ng	99
38) 1-Methylnaphthalene	12.66	142	475924	38.57 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	281408	38.94 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	345417	76.47	ng	98
43) 2,4,6-Trichlorophenol	13.05	196	200746	39.36	ng	96
44) 2,4,5-Trichlorophenol	13.13	196	216891	37.36	ng	98
46) 1,1'-Biphenyl	13.45	154	636562	37.31	ng	100
47) 2-Chloronaphthalene	13.49	162	494557	37.94	ng	99
48) 2-Nitroaniline	13.69	65	162017	37.77	ng	99
49) Acenaphthylene	14.34	152	829411	39.06	ng	100
50) Dimethylphthalate	14.07	163	752748	41.18	ng	99
51) 2,6-Dinitrotoluene	14.19	165	153256	37.49	ng	95
52) Acenaphthene	14.68	154	612754m	42.65	ng	
53) 3-Nitroaniline	14.51	138	108411	24.18	ng	89
54) 2,4-Dinitrophenol	14.73	184	183612	75.53	ng	95
55) Dibenzofuran	15.02	168	797697	38.08	ng	98
56) 4-Nitrophenol	14.84	139	261349	75.18	ng	97
57) 2,4-Dinitrotoluene	14.98	165	226011	37.83	ng	# 98
58) Fluorene	15.67	166	662359	38.71	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	208533	40.37	ng	98
60) Diethylphthalate	15.44	149	688748	36.14	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	364082	36.97	ng	99
62) 4-Nitroaniline	15.68	138	156734	33.70	ng	94
63) Azobenzene	15.95	77	669440	38.10	ng	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	140905	39.35	ng	96
66) n-Nitrosodiphenylamine	15.88	169	591600	37.80	ng	98
67) 4-Bromophenyl-phenylether	16.56	248	255482	36.35	ng	97
68) Hexachlorobenzene	16.68	284	279350	38.33	ng	98
69) Atrazine	16.82	200	229167	39.57	ng	100
70) Pentachlorophenol	17.02	266	338126	75.62	ng	97
71) Phenanthrene	17.41	178	1085855	38.79	ng	99
72) Anthracene	17.50	178	1110983	39.57	ng	99
73) Carbazole	17.77	167	1013146	35.56	ng	99
74) Di-n-butylphthalate	18.33	149	1202199	37.78	ng	99
75) Fluoranthene	19.42	202	1324671	39.51	ng	99
77) Benzidine	19.60	184	830787	59.43	ng	98
78) Pyrene	19.78	202	1303513	37.92	ng	99
80) Butylbenzylphthalate	20.67	149	549292	38.55	ng	98
81) Benzo(a)anthracene	21.61	228	1266881	39.20	ng	98
82) 3,3'-Dichlorobenzidine	21.53	252	271811	21.13	ng	99
83) Chrysene	21.68	228	1196581	38.53	ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	751447	38.34	ng	98
85) Di-n-octyl phthalate	22.72	149	1294621	38.20	ng	99
86) Indeno(1,2,3-cd)pyrene	28.40	276	1614876	39.17	ng	# 97
88) Benzo(b)fluoranthene	23.80	252	1316402	37.62	ng	98
89) Benzo(k)fluoranthene	23.87	252	1331647	40.02	ng	97
90) Benzo(a)pyrene	24.65	252	1244203	37.66	ng	# 97
91) Dibenzo(a,h)anthracene	28.46	278	1311439	39.39	ng	96
92) Benzo(g,h,i)perylene	29.52	276	1336863	40.06	ng	98

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

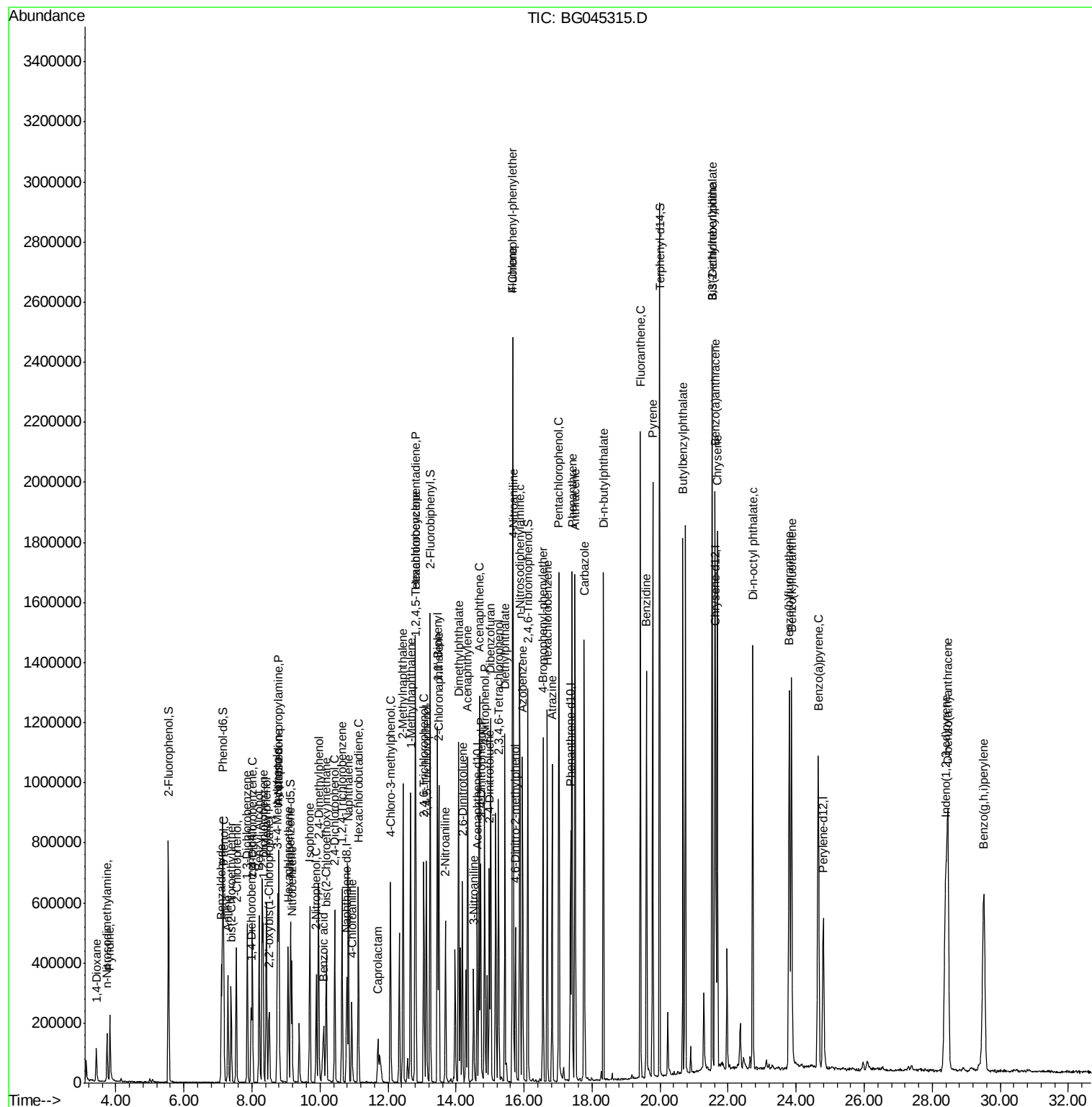
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
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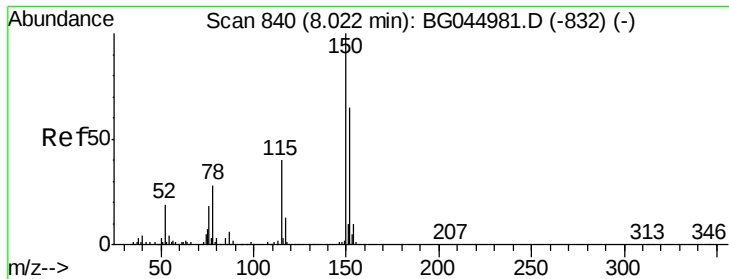
Instrument :
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#1

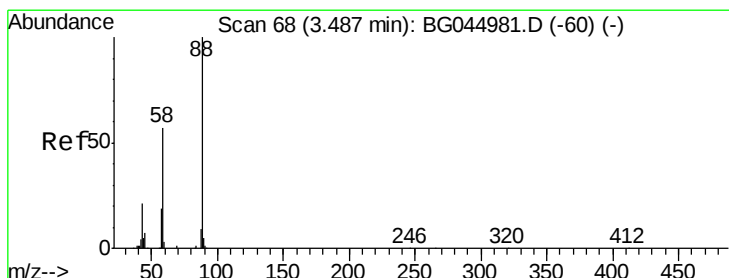
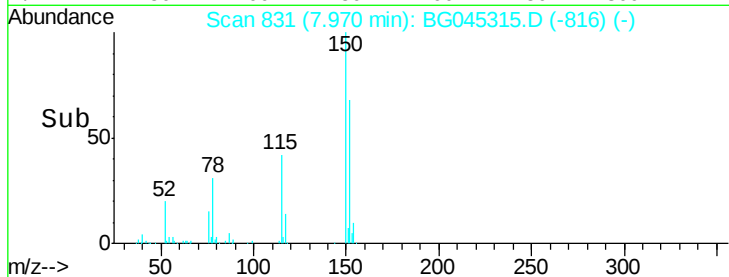
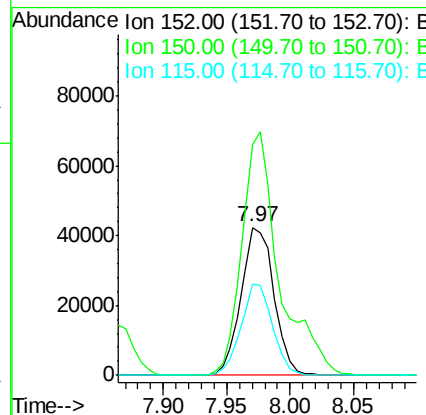
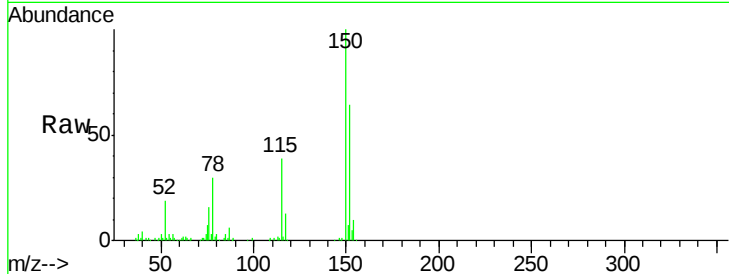
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
152	100	75890		
150	155.7	123.6	185.4	
115	61.5	49.1	73.7	

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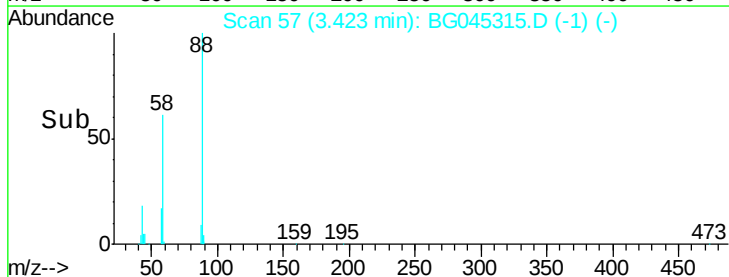
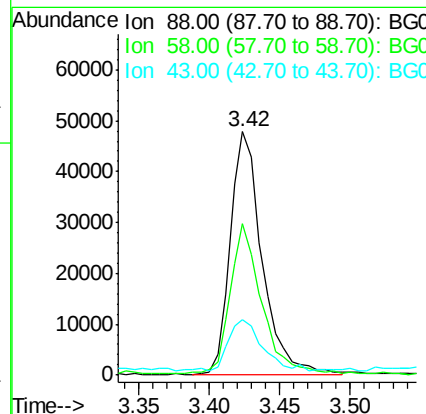
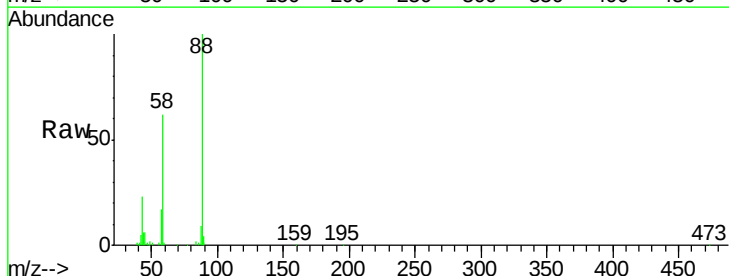
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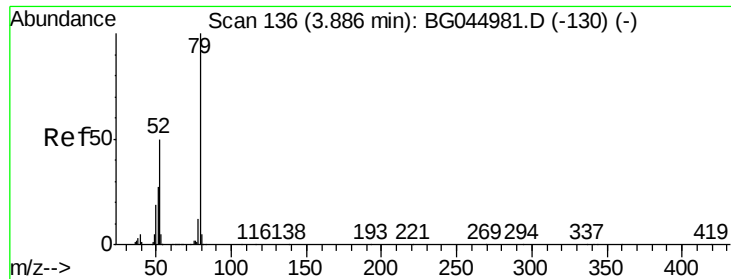


#2

1,4-Dioxane
Concen: 36.96 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	75497		
58	60.2	46.6	69.8	
43	22.8	17.5	26.3	





#3

Pyridine

Concen: 27.58 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Instrument :

BNA_G

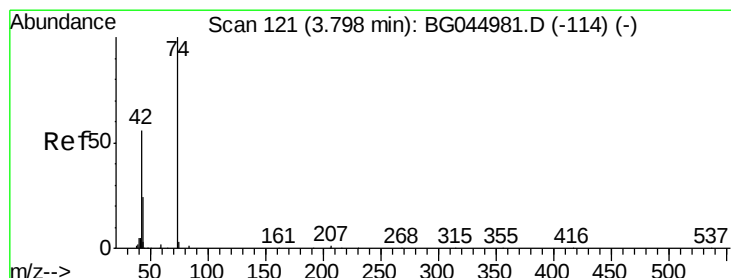
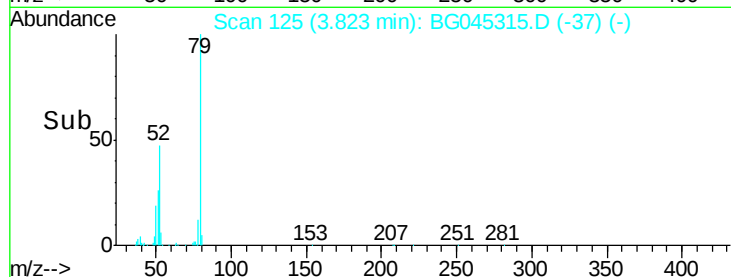
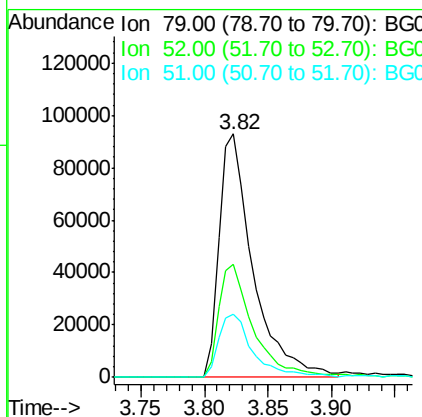
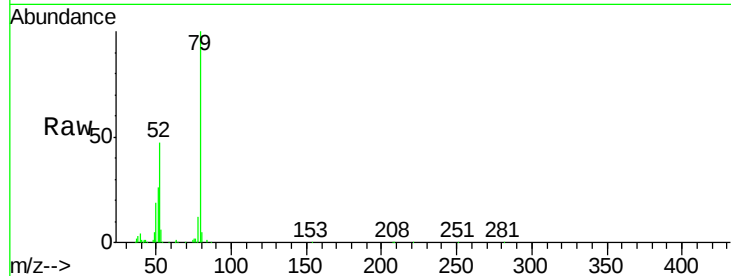
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
79	100		
52	46.5	39.8	59.6
51	25.9	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 40.59 ng

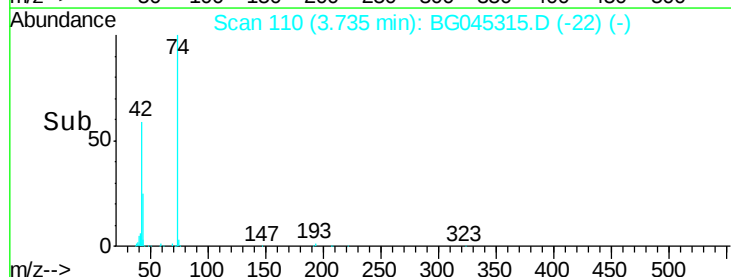
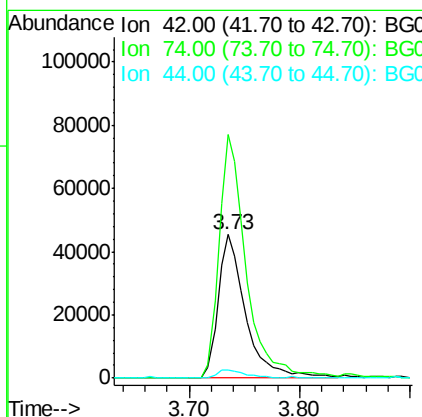
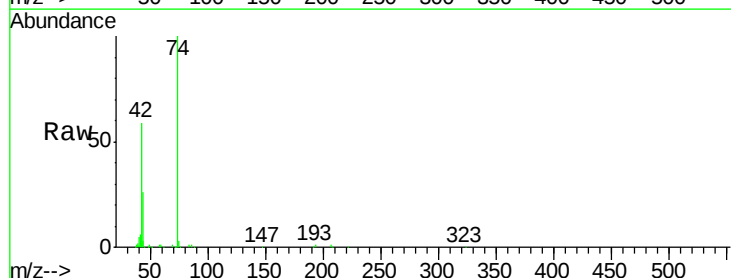
RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	169.7	143.0	214.6
44	5.3	4.6	6.8





#5

2-Fluorophenol

Concen: 82.74 ng

RT: 5.54 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Instrument :

BNA_G

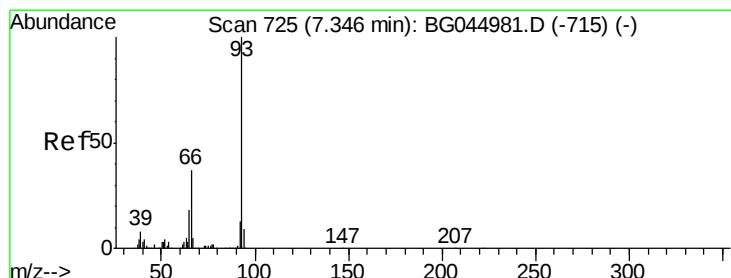
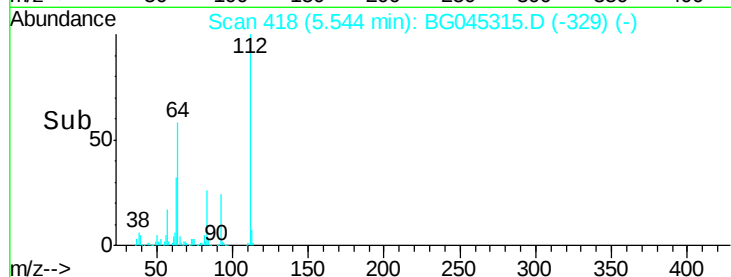
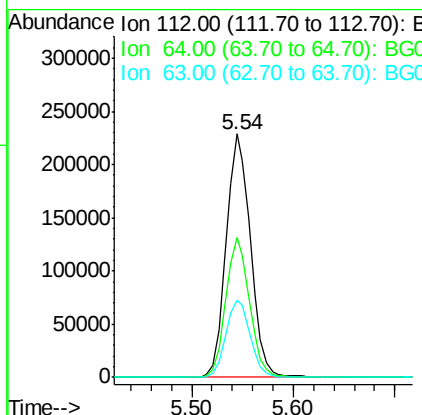
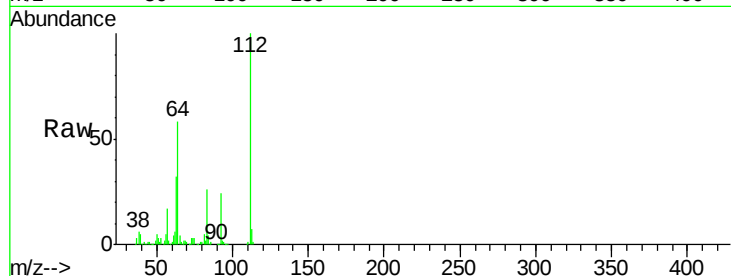
ClientSampleId :

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Tgt Ion:	112	Resp:	380319
Ion Ratio	Lower	Upper	
112	100		
64	57.7	42.4	63.6
63	31.8	23.1	34.7

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#6

Aniline

Concen: 29.92 ng

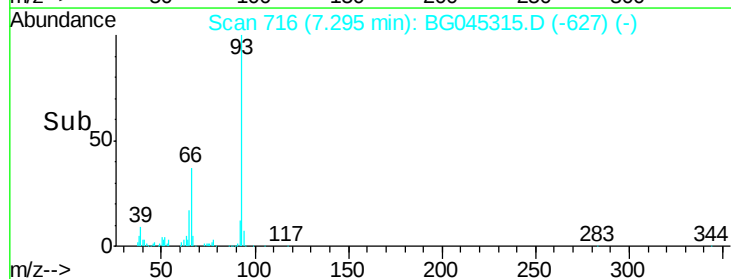
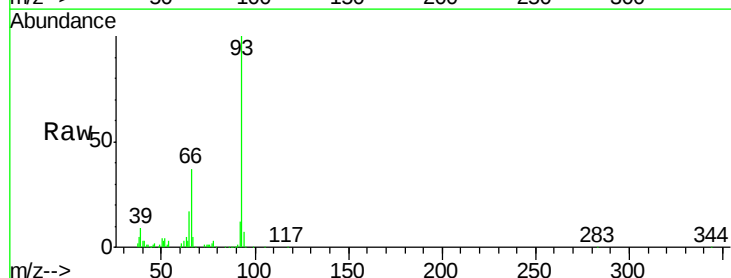
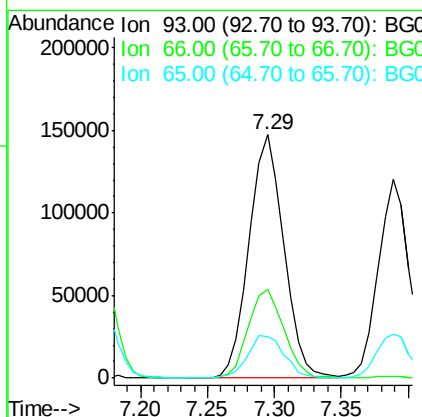
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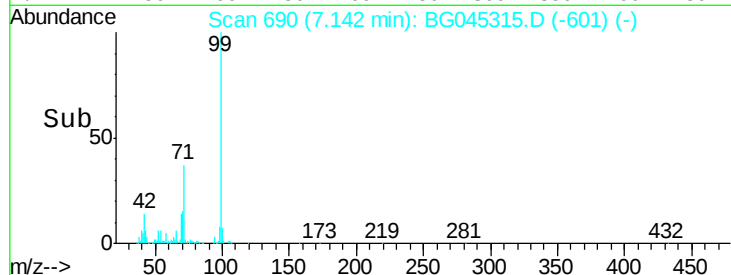
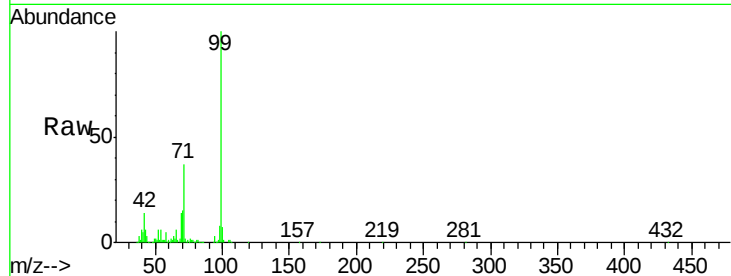
Delta R.T. -0.01 min

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Tgt Ion:	93	Resp:	265694
Ion Ratio	Lower	Upper	
93	100		
66	36.7	29.8	44.8
65	16.9	14.6	22.0





#7

Phenol-d6

Concen: 82.22 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	561509		
42	14.2	11.3	16.9	
71	36.8	28.3	42.5	

Instrument :

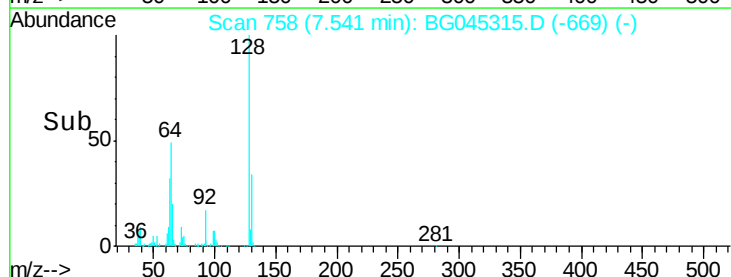
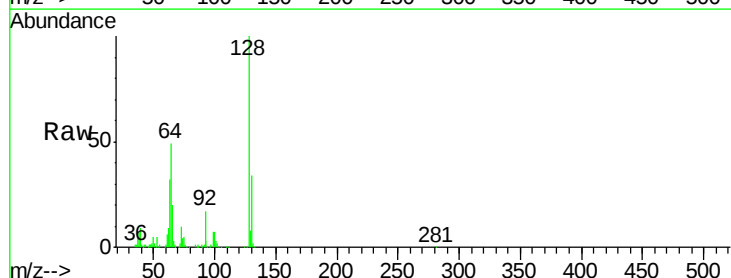
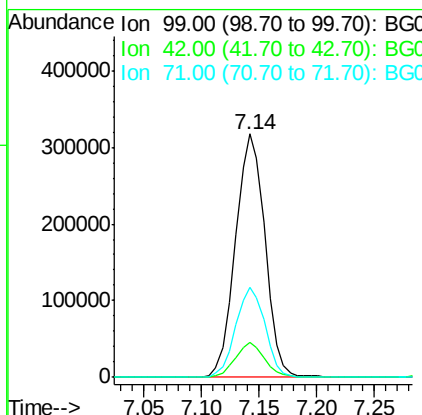
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#8

2-Chlorophenol

Concen: 43.19 ng

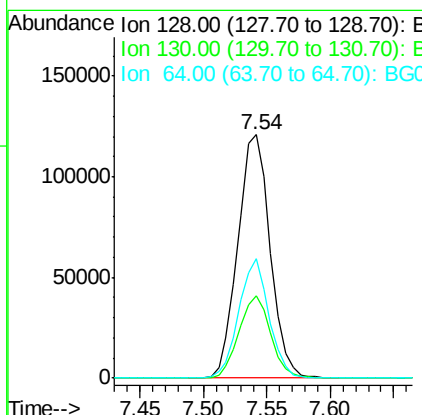
RT: 7.54 min Scan# 758

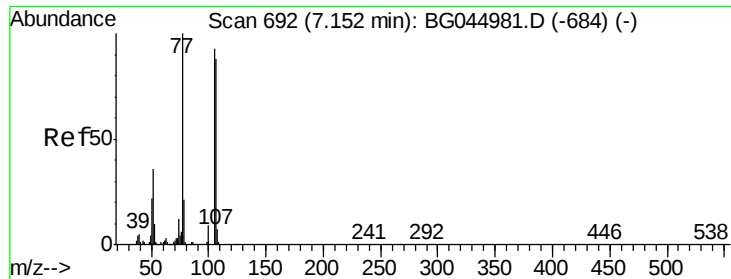
Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	213387		
130	33.8	12.3	52.3	
64	49.0	24.4	64.4	





#9

Benzaldehyde

Concen: 42.52 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Instrument :

BNA_G

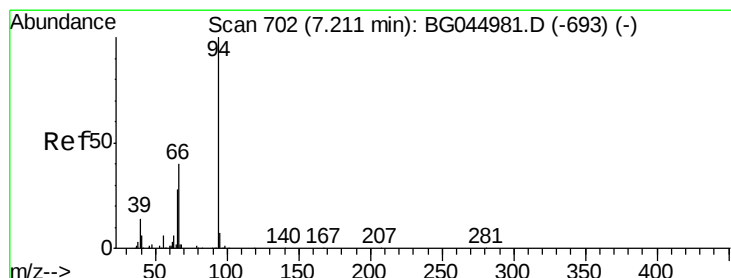
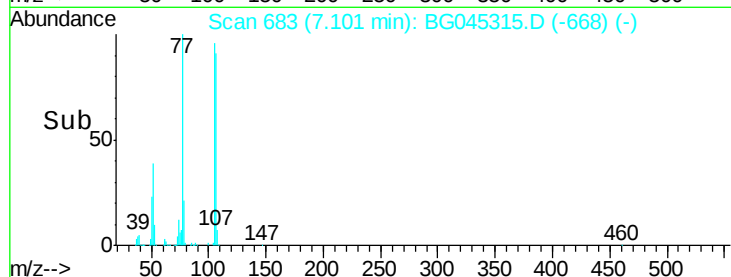
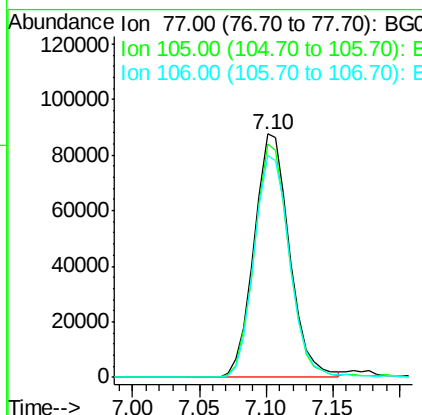
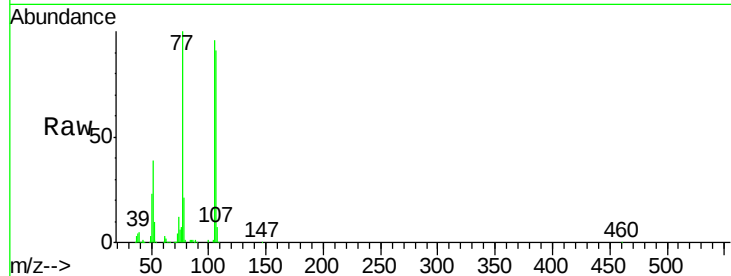
ClientSampleId :

TP-12AMS

Tgt Ion:	77	Resp:	160729
Ion Ratio	Lower	Upper	
77	100		
105	95.7	72.9	112.9
106	91.0	67.6	107.6

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#10

Phenol

Concen: 43.04 ng

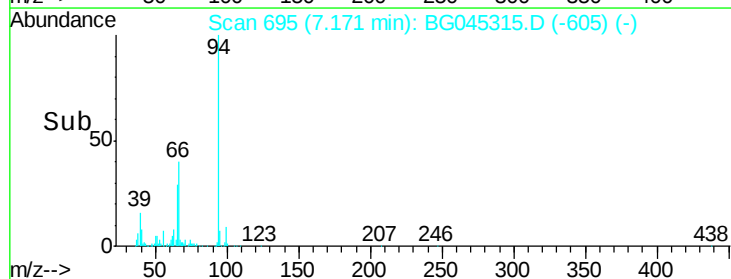
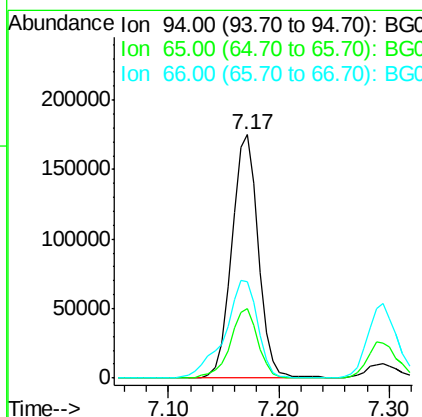
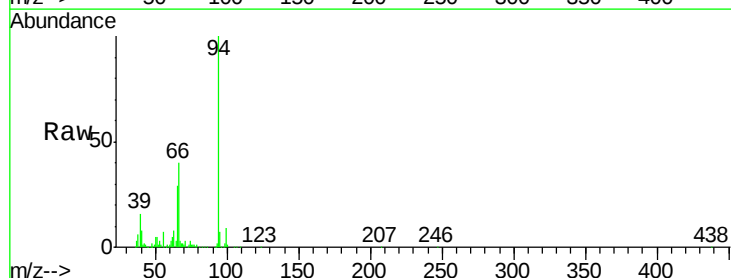
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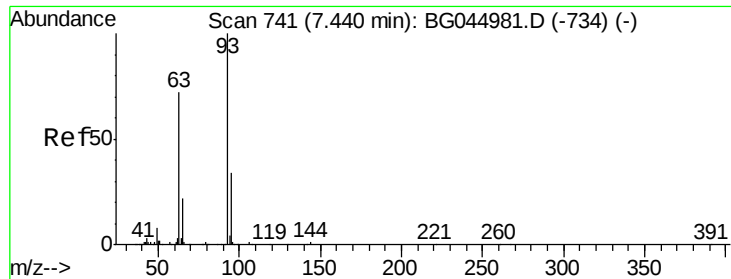
Delta R.T. 0.00 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Tgt Ion:	94	Resp:	294161
Ion Ratio	Lower	Upper	
94	100		
65	28.7	8.2	48.2
66	39.7	20.4	60.4





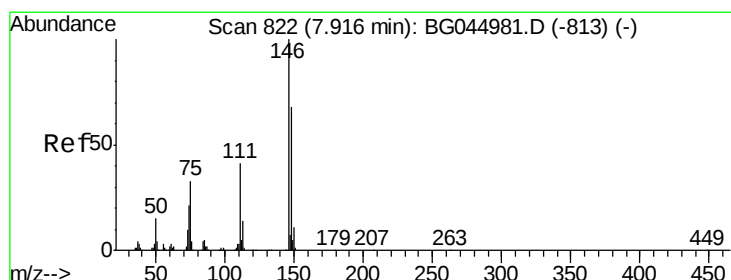
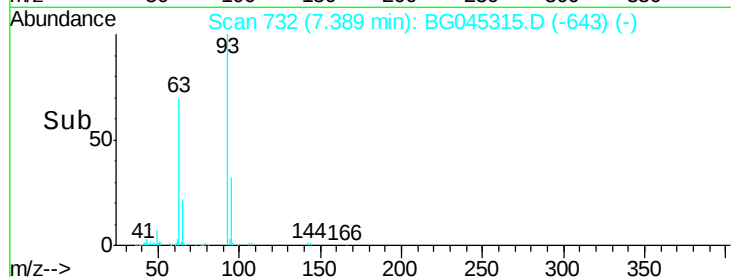
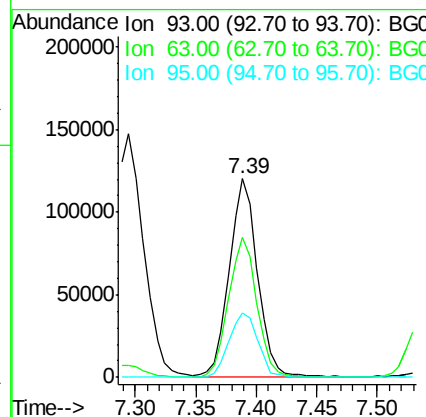
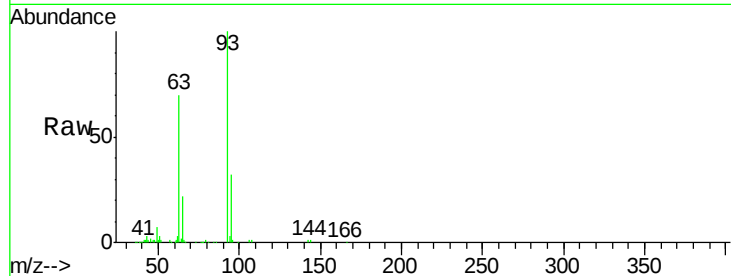
#11
bis(2-Chloroethyl)ether
Concen: 35.94 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	195575		
63	70.3	51.8	91.8	
95	32.3	13.8	53.8	

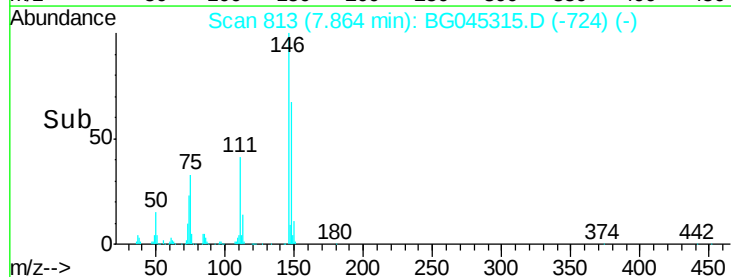
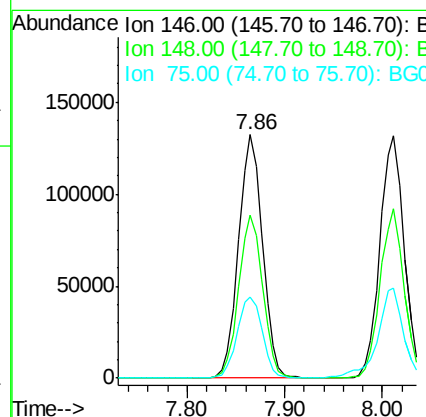
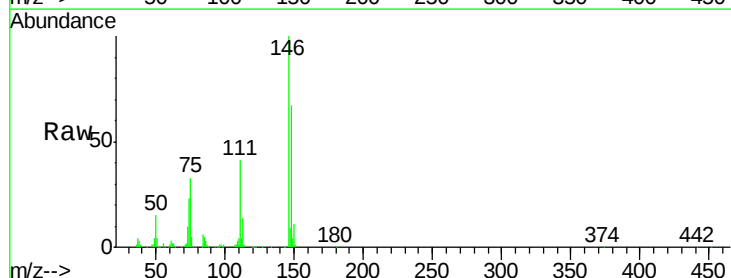
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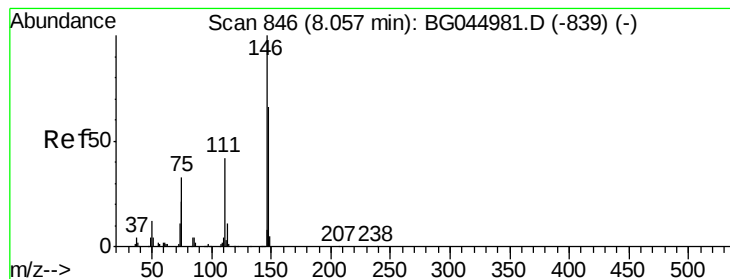
mohammad
5/13/2020 8:15:22 AM



#12
1,3-Dichlorobenzene
Concen: 38.85 ng
RT: 7.86 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	226146		
148	67.2	54.6	81.8	
75	33.2	26.0	39.0	





#13

1,4-Dichlorobenzene

Concen: 39.11 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Instrument :

BNA_G

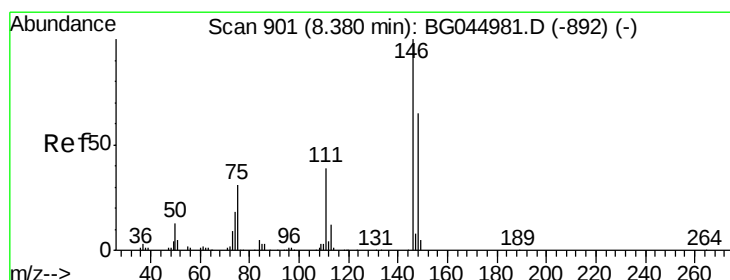
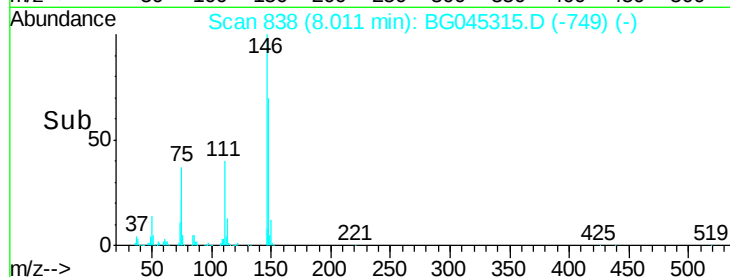
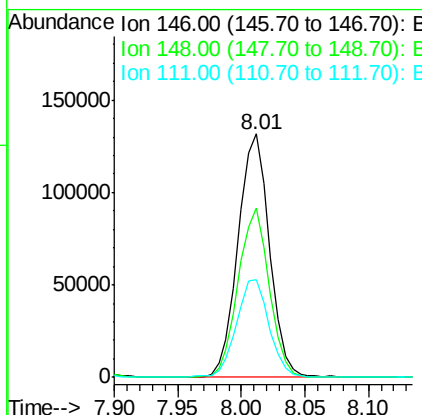
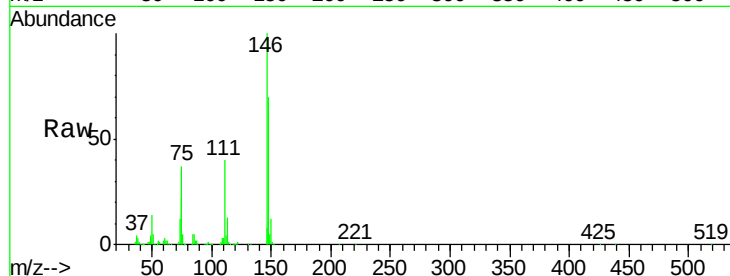
ClientSampleId :

TP-12AMS

Tgt Ion:	146	Resp:	226872
Ion Ratio	Lower	Upper	
146	100		
148	69.7	53.3	79.9
111	40.3	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 39.01 ng

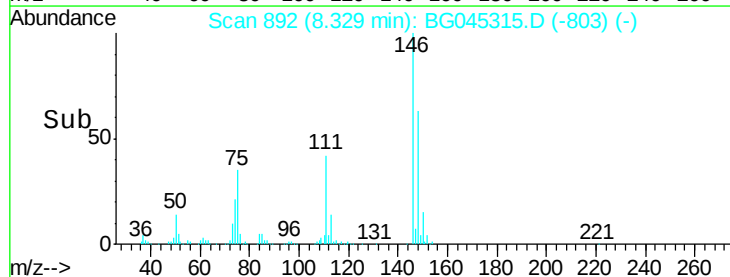
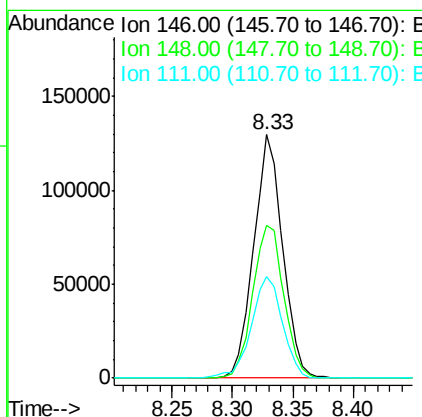
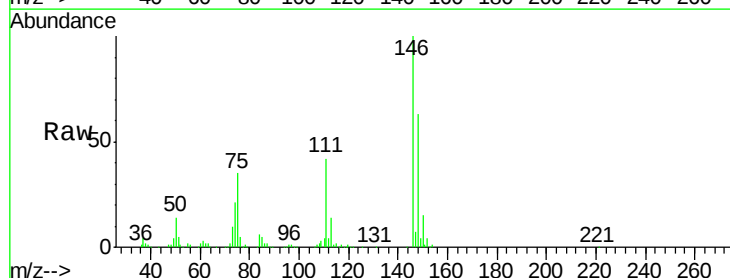
RT: 8.33 min Scan# 892

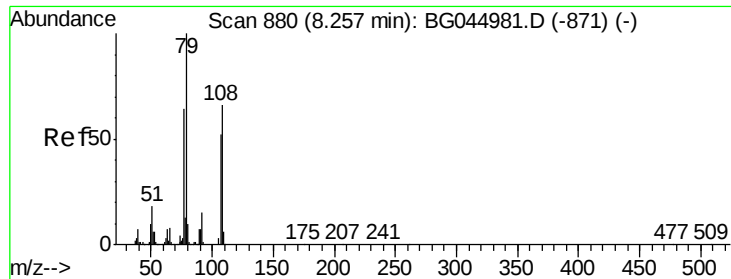
Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Tgt Ion:	146	Resp:	216499
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.9	77.9
111	41.9	31.3	46.9





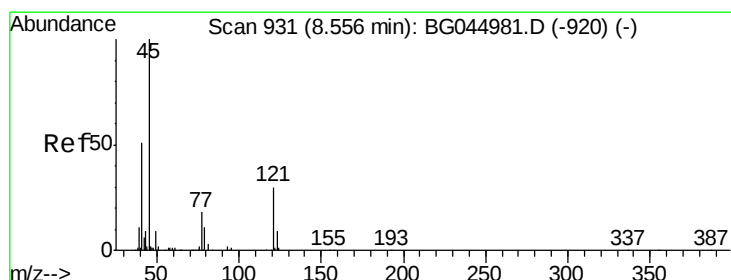
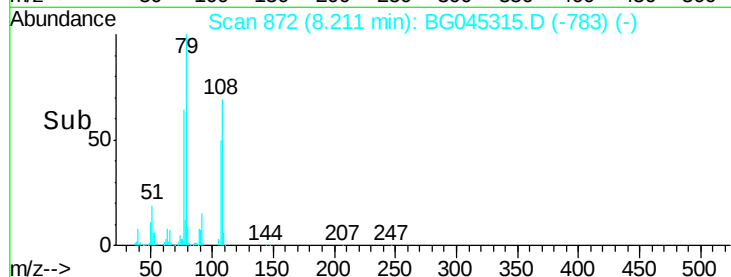
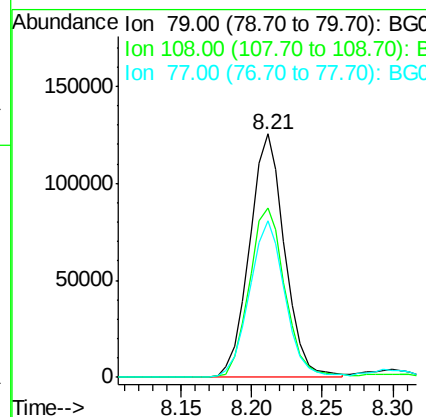
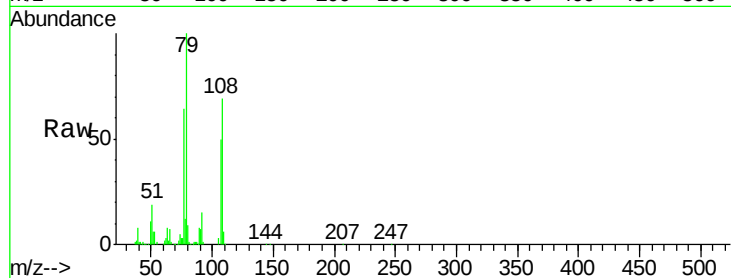
#15
Benzyl Alcohol
Concen: 38.22 ng
RT: 8.21 min Scan# 872
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	69.4	52.7	79.1
77	64.4	51.3	76.9

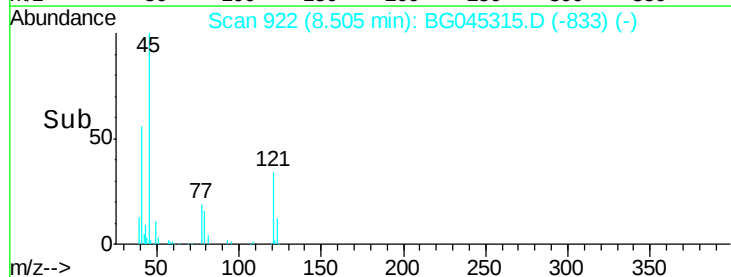
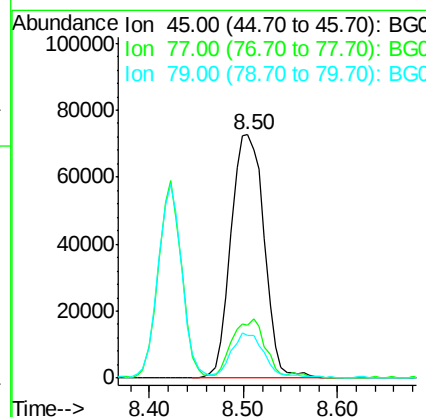
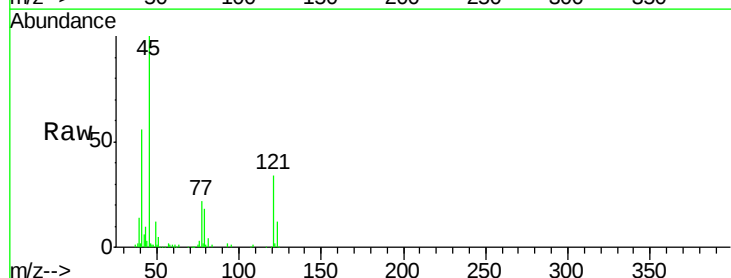
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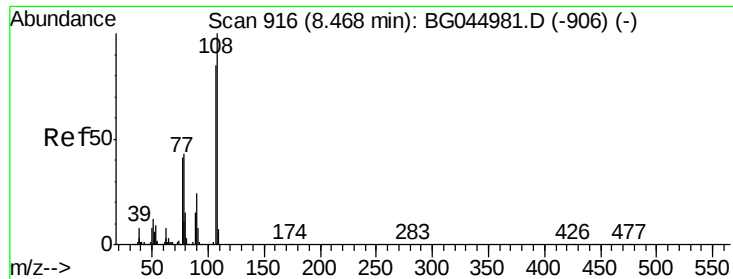
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.39 ng
RT: 8.50 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.6	1.9	41.9
79	17.6	0.0	35.5





#17

2-Methylphenol

Concen: 37.42 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Instrument :

BNA_G

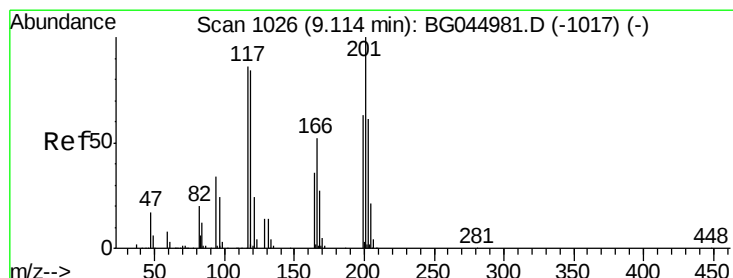
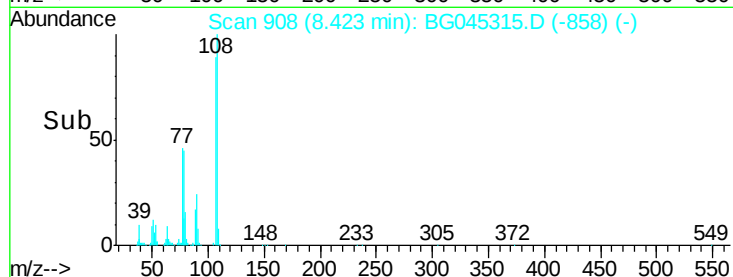
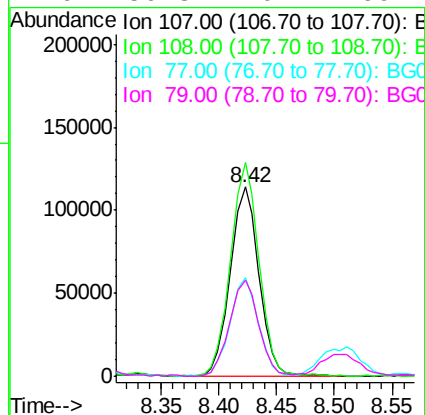
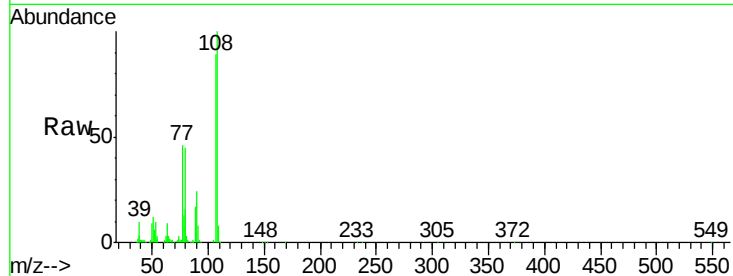
ClientSampleId :

TP-12AMS

Tgt	Ion	Ratio	Resp	Lower	Upper
107	100		197320		
108	112.8	93.8	140.6		
77	51.8	38.5	57.7		
79	50.8	40.1	60.1		

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#18

Hexachloroethane

Concen: 38.80 ng

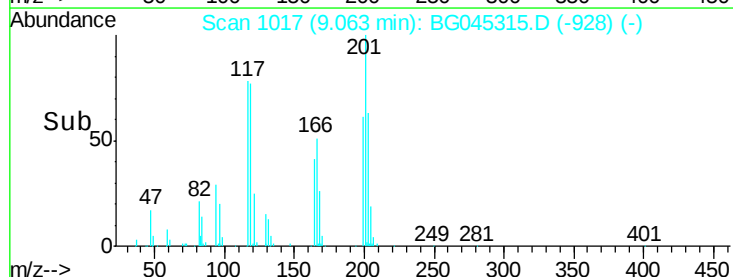
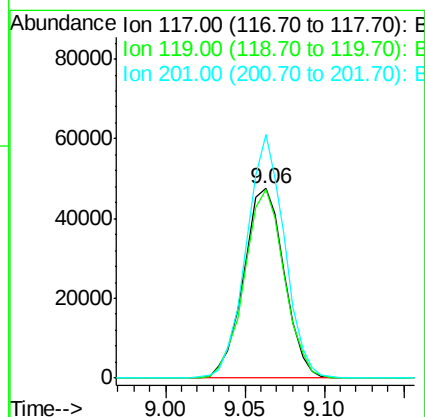
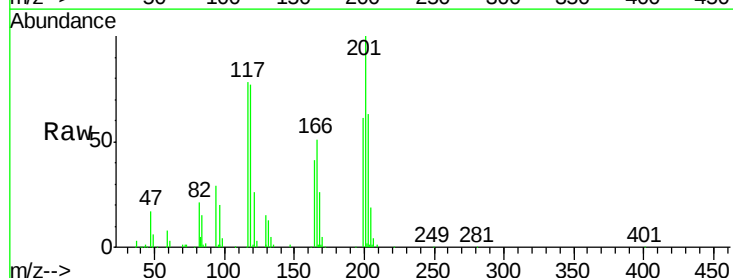
RT: 9.06 min Scan# 1017

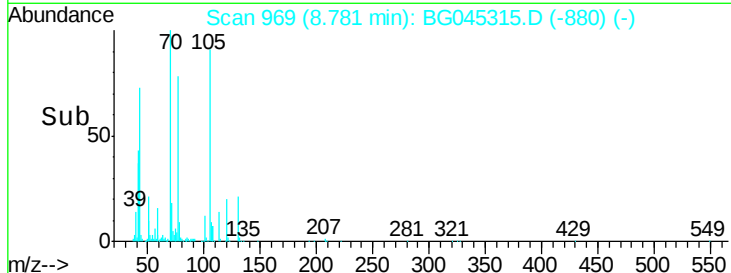
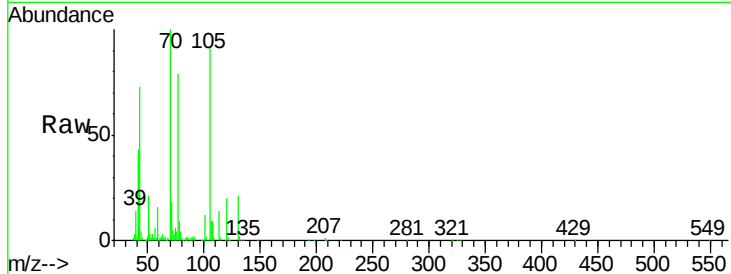
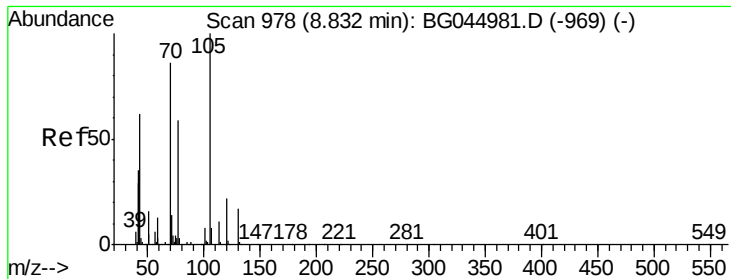
Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Tgt	Ion	Ratio	Resp	Lower	Upper
117	100		84613		
119	99.4	78.3	117.5		
201	128.4	92.9	139.3		





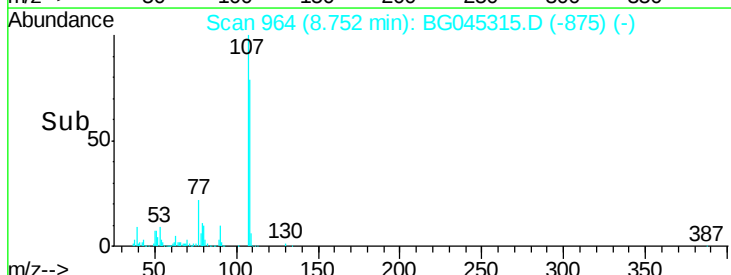
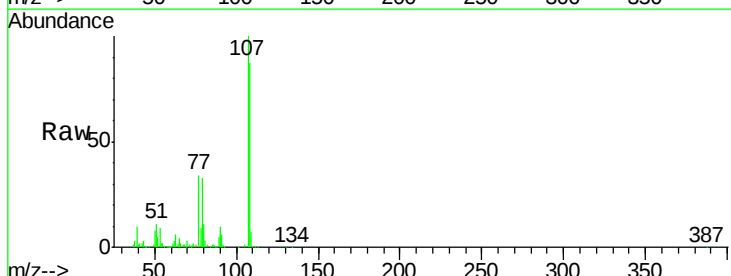
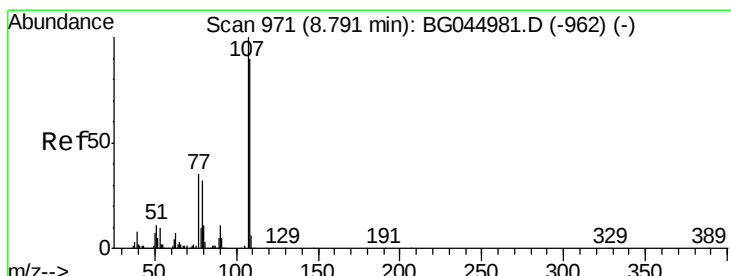
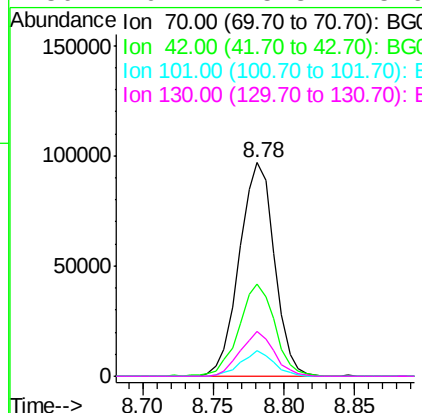
#19
n-Nitroso-di-n-propylamine
Concen: 34.92 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.1	33.3	49.9
101	11.9	7.8	11.8
130	20.7	15.8	23.6

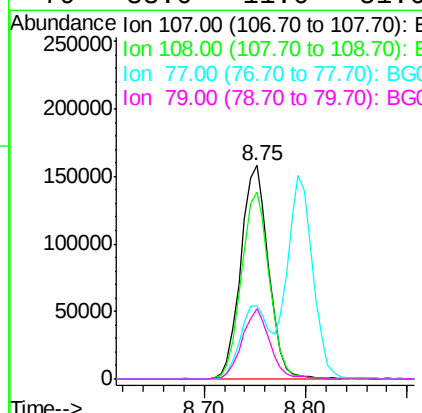
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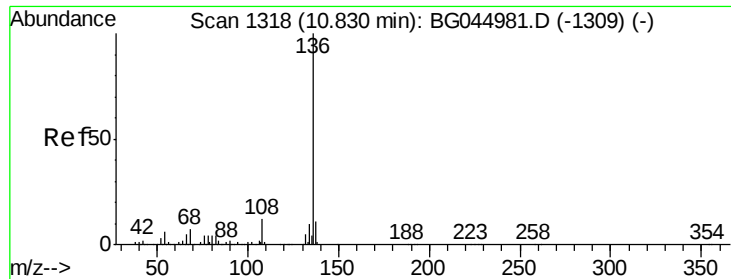
mohammad
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#20
3+4-Methylphenols
Concen: 40.61 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	69.9	109.9
77	34.3	15.2	55.2
79	33.0	11.6	51.6





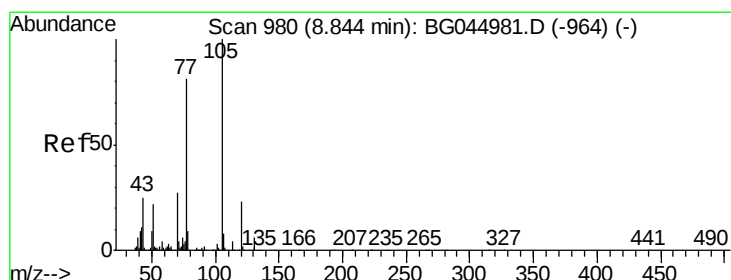
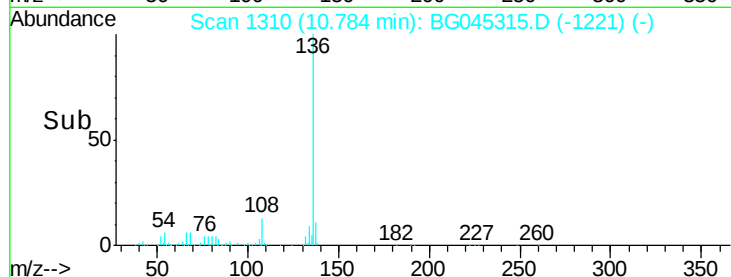
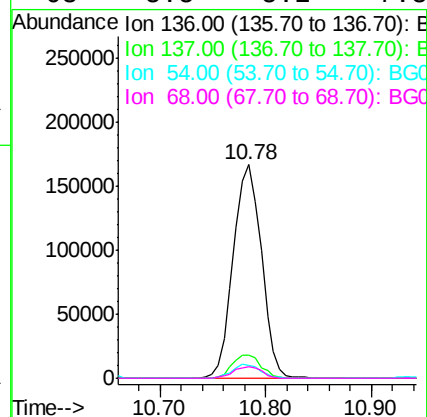
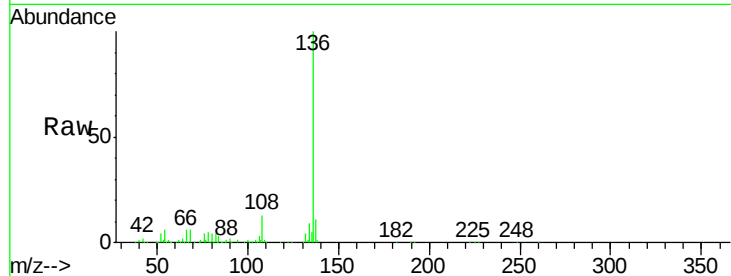
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	307826		
137	10.6		8.6	13.0
54	5.9		4.8	7.2
68	5.5		5.2	7.8

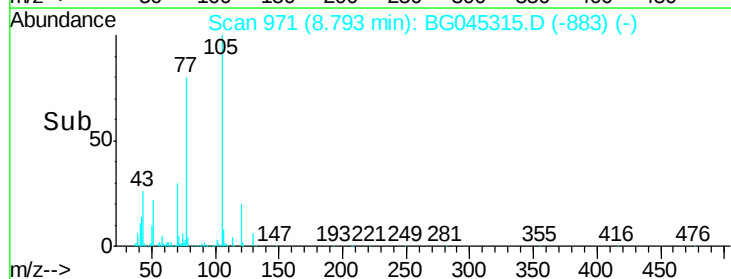
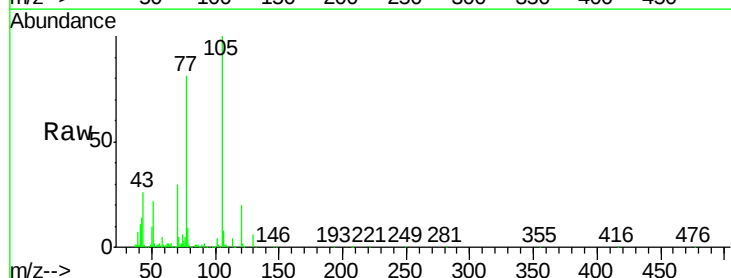
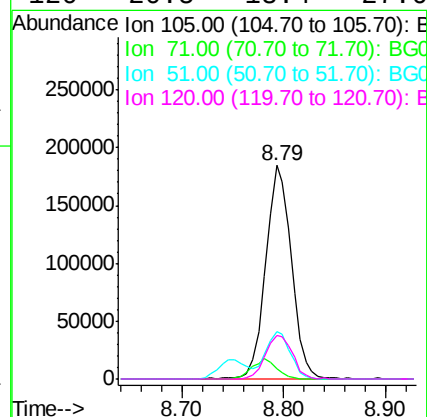
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#22
Acetophenone
Concen: 39.03 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	324926		
71	4.9		3.3	4.9#
51	22.2		17.3	25.9
120	20.5		18.4	27.6





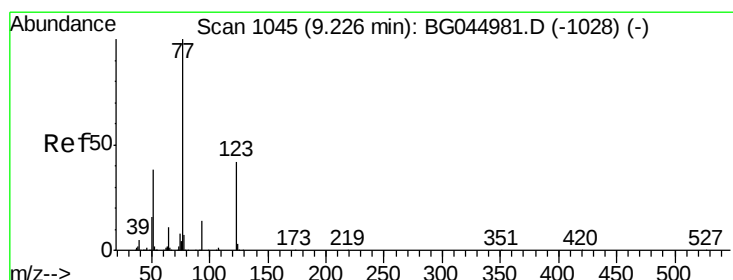
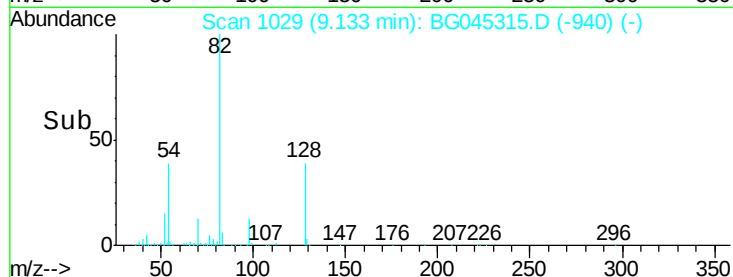
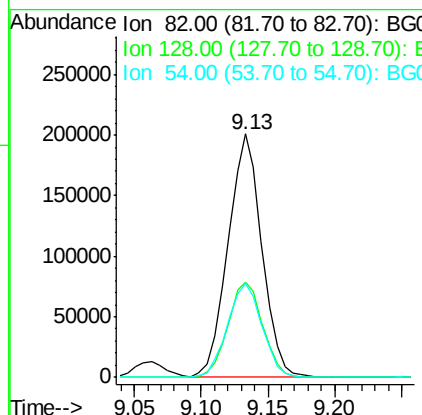
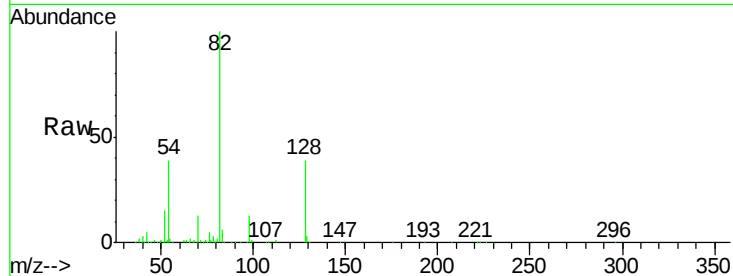
#23
 Nitrobenzene-d5
 Concen: 52.30 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Instrument :
 BNA_G
 ClientSampled :
 TP-12AMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	352804		
128	39.3	33.0	49.4	
54	38.6	30.4	45.6	

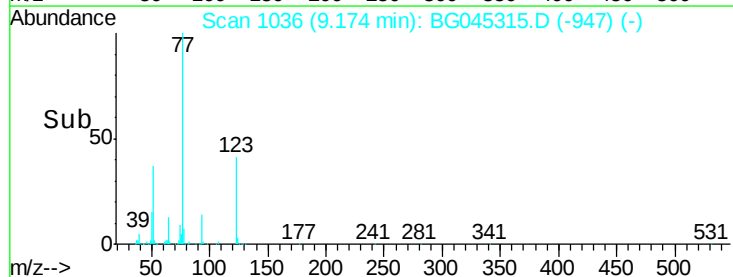
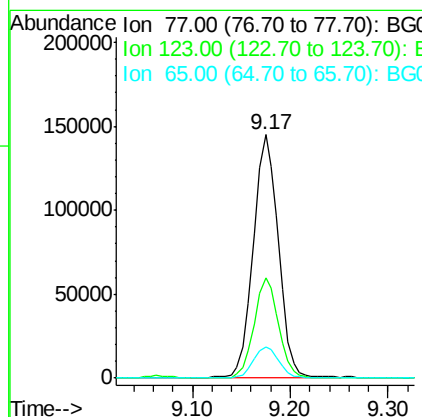
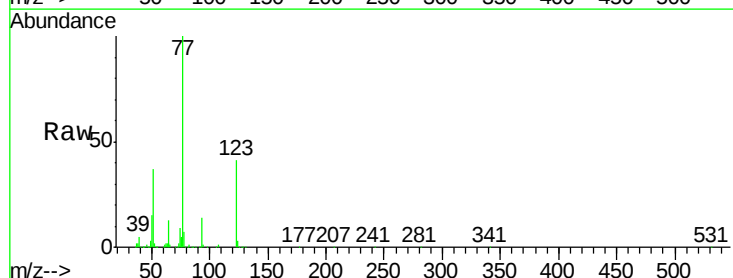
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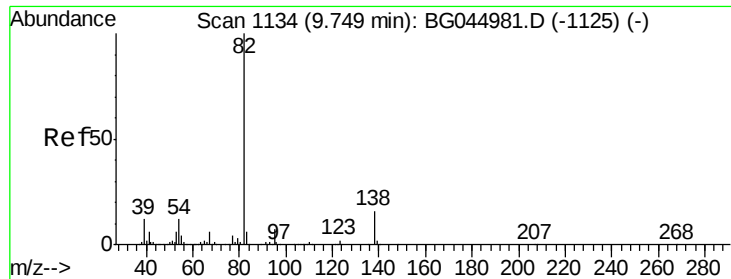
mohammad
 5/13/2020 8:15:22 AM



#24
 Nitrobenzene
 Concen: 37.94 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	262363		
123	41.1	34.3	51.5	
65	12.9	8.9	13.3	





#25

Isophorone

Concen: 34.92 ng

RT: 9.70 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Instrument :

BNA_G

ClientSampleId :

TP-12AMS

Tgt Ion: 82 Resp: 482487

Ion Ratio Lower Upper

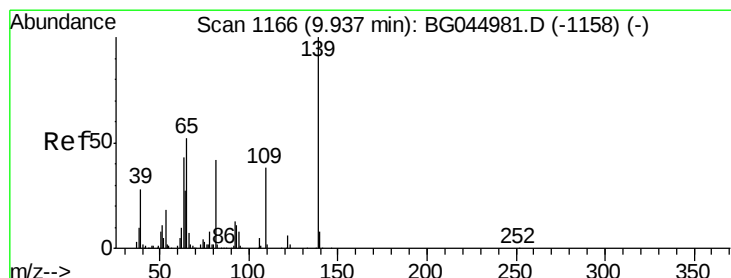
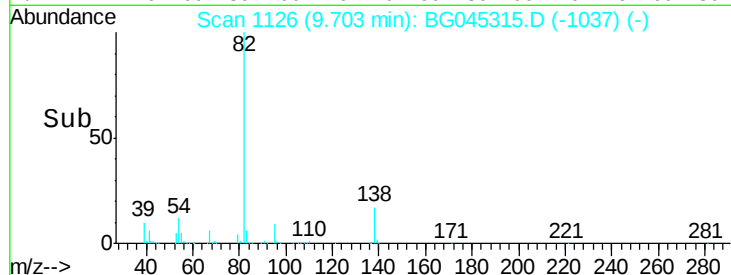
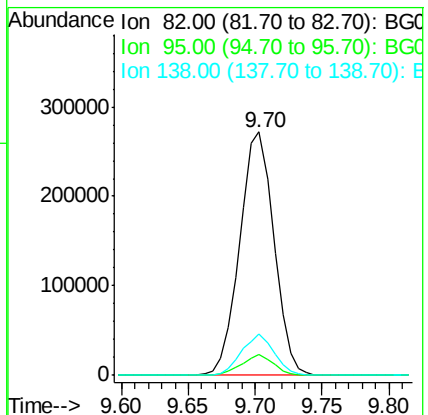
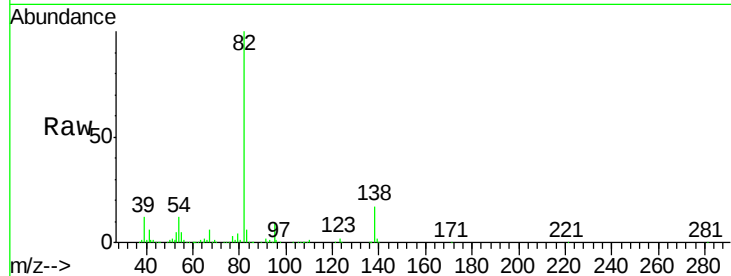
82 100

95 8.6 6.0 9.0

138 16.8 12.7 19.1

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#26

2-Nitrophenol

Concen: 39.91 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

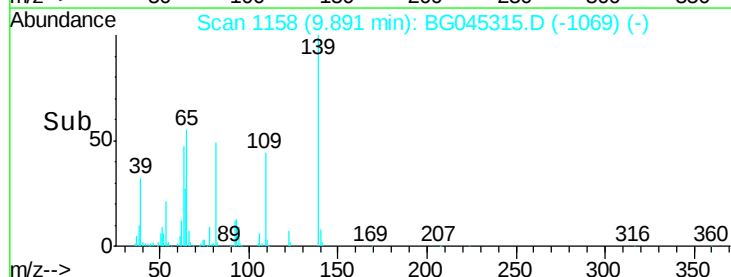
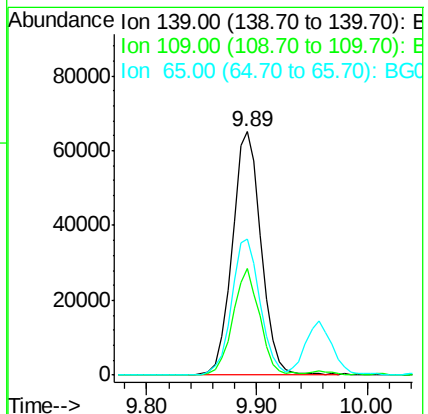
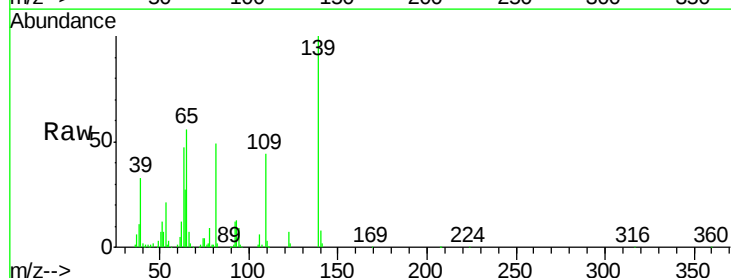
Tgt Ion: 139 Resp: 118895

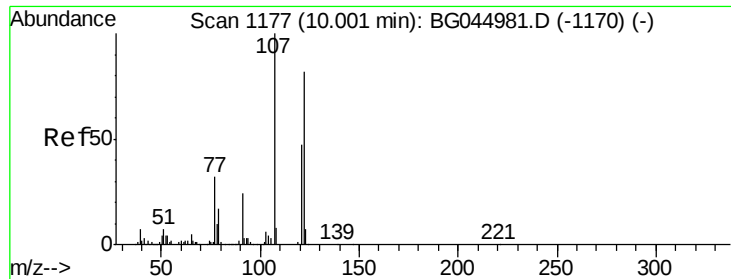
Ion Ratio Lower Upper

139 100

109 43.8 30.6 45.8

65 56.0 41.8 62.6





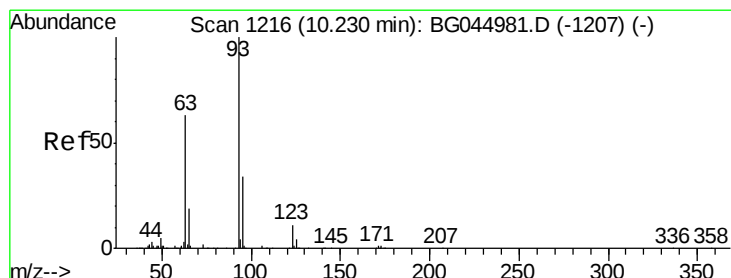
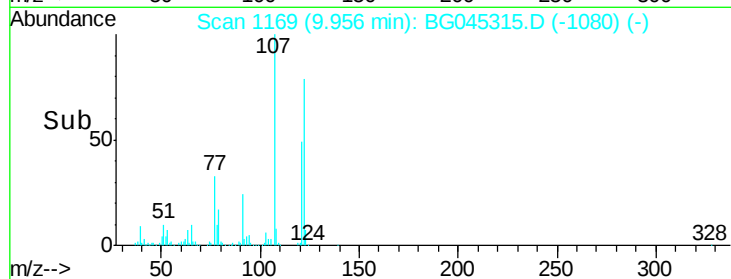
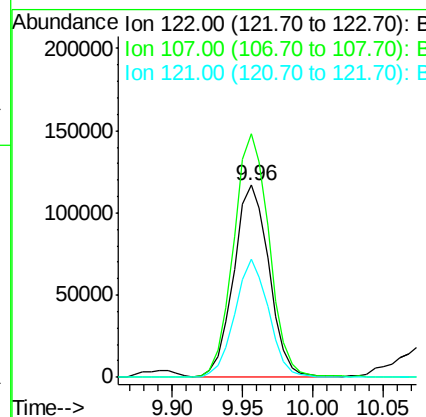
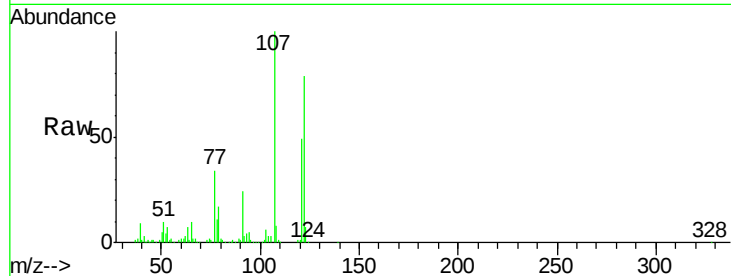
#27
2,4-Dimethylphenol
Concen: 42.92 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	202842		
107	126.6	96.8	145.2	
121	61.5	45.6	68.4	

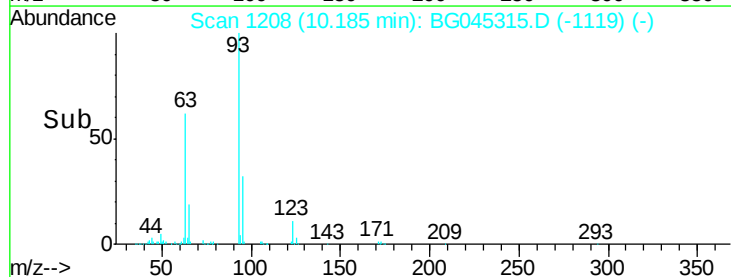
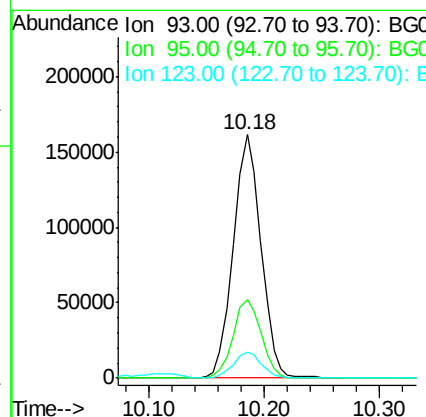
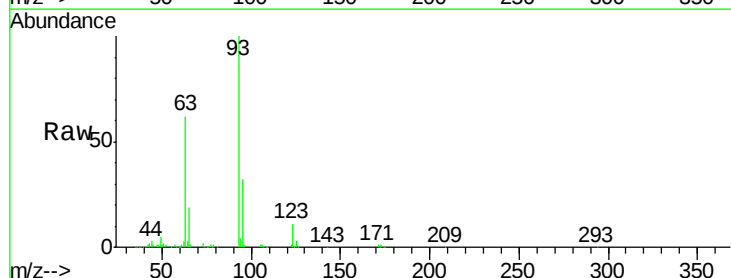
Manual Integrations
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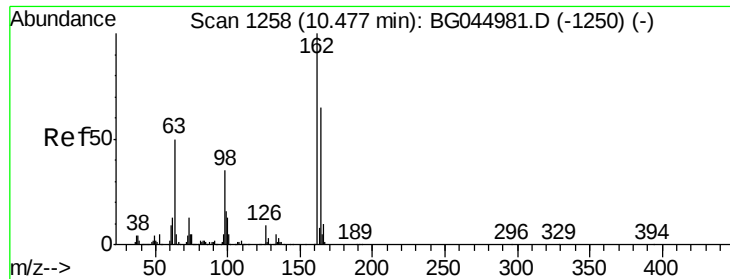
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 36.83 ng
RT: 10.18 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	267379		
95	32.4	27.0	40.4	
123	10.6	8.7	13.1	





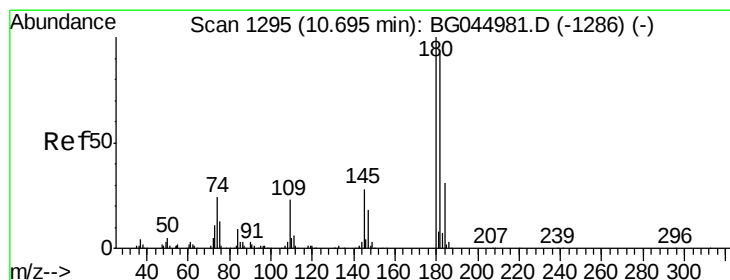
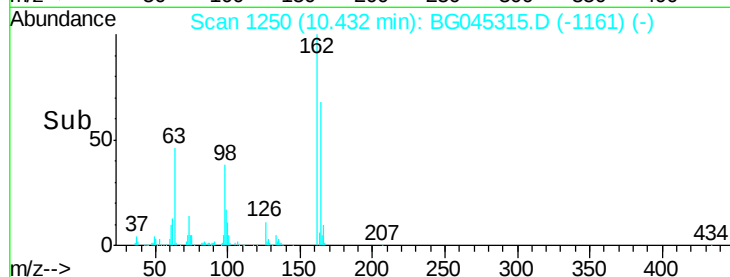
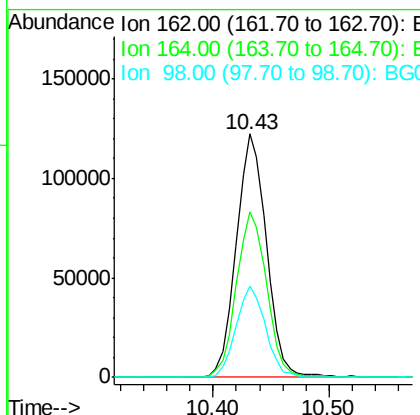
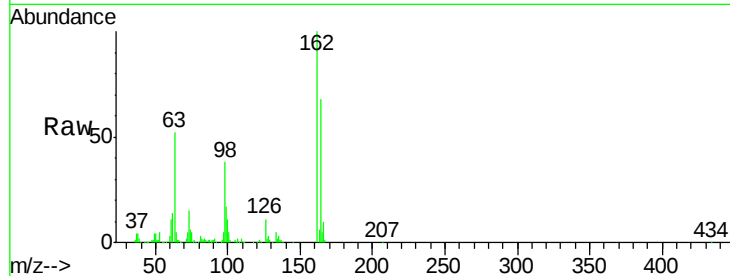
#29
 2,4-Dichlorophenol
 Concen: 40.54 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	221243		
164	67.8	45.0	85.0	
98	37.5	15.2	55.2	

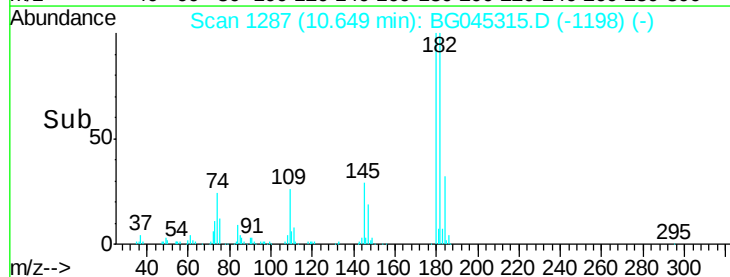
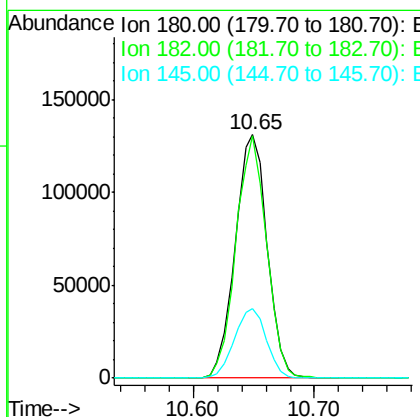
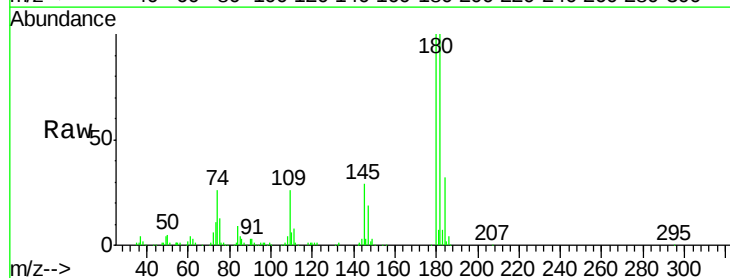
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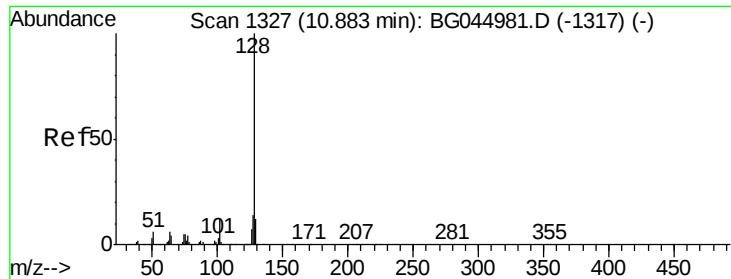
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.09 ng
 RT: 10.65 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	241549		
182	99.5	73.3	109.9	
145	28.8	22.6	33.8	





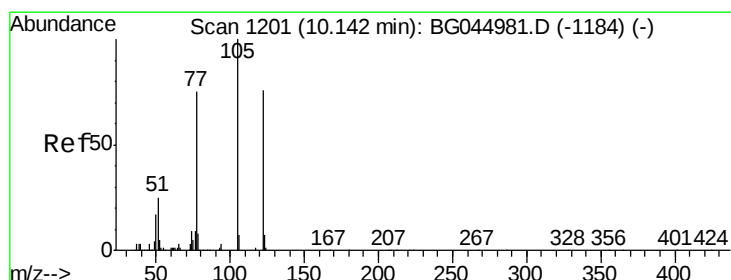
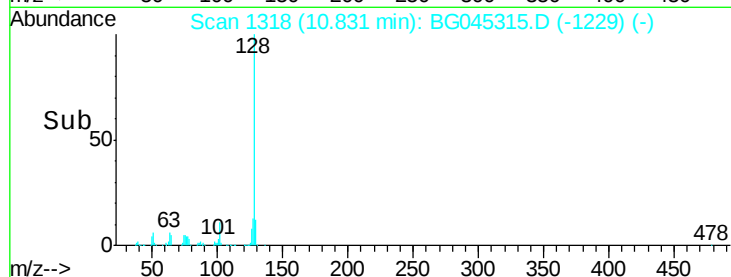
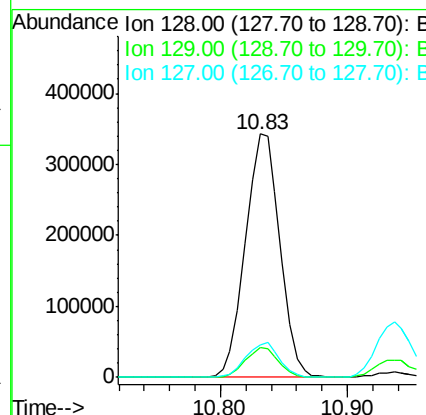
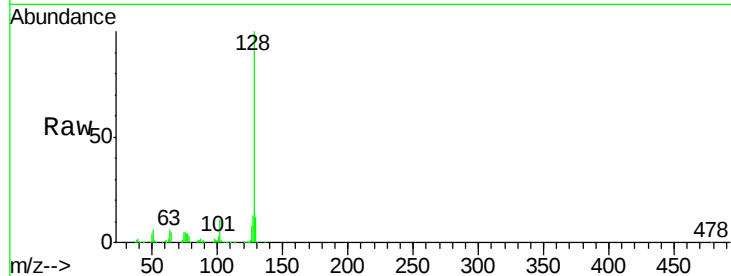
#31
Naphthalene
Concen: 38.44 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	647376		
129	12.3		9.4	14.2
127	13.3		10.8	16.2

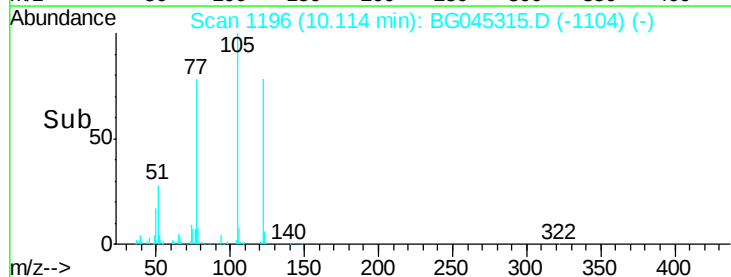
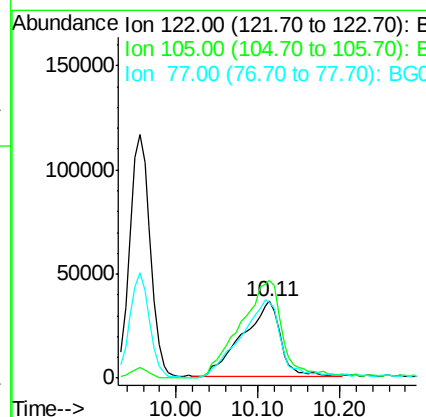
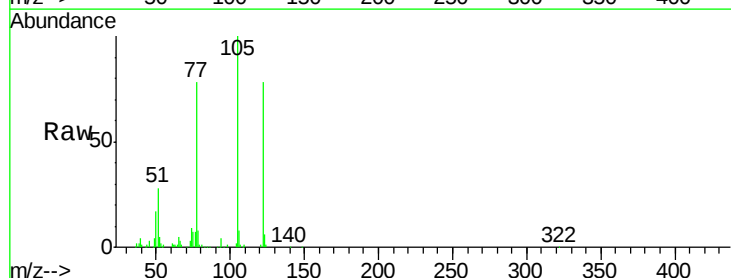
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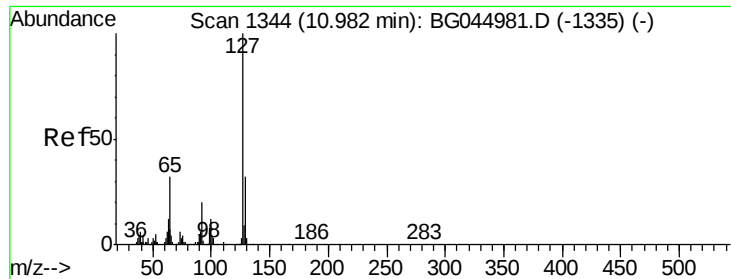
mohammad
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#32
Benzoic acid
Concen: 33.35 ng
RT: 10.11 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	118766		
105	127.4		108.4	148.4
77	99.1		78.8	118.8





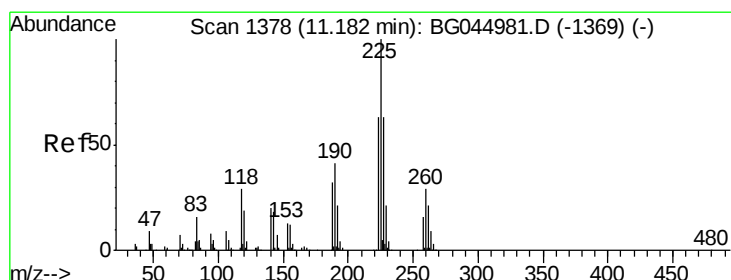
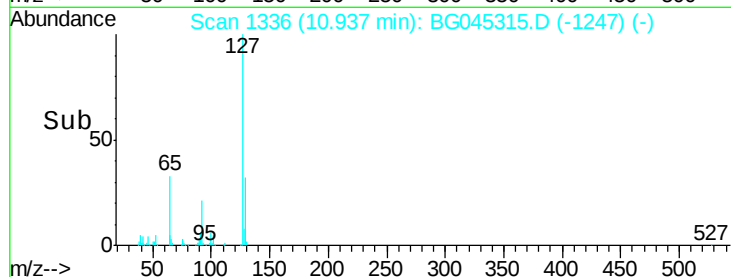
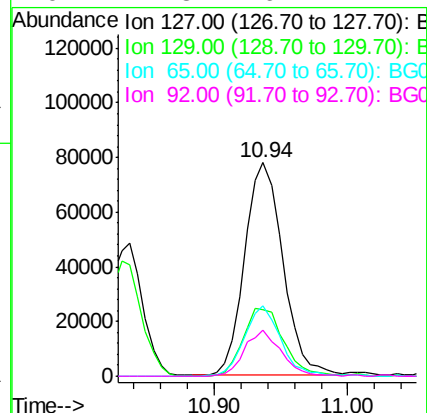
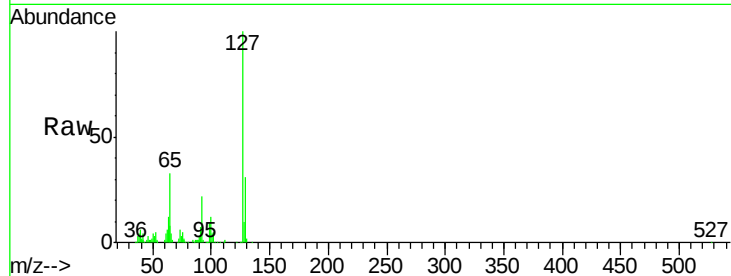
#33
4-Chloroaniline
Concen: 19.64 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.7	38.5
65	33.1	25.4	38.2
92	21.8	16.1	24.1

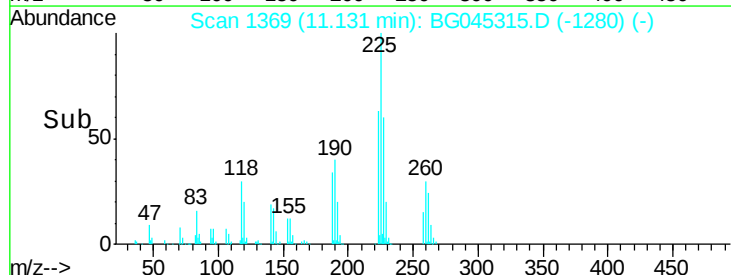
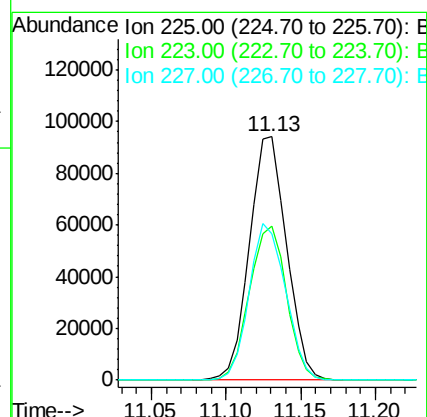
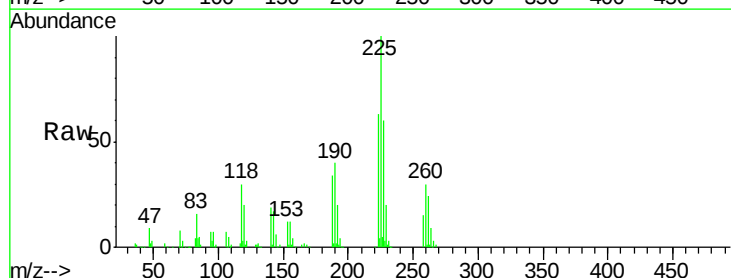
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#34
Hexachlorobutadiene
Concen: 38.15 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.7	76.1
227	60.3	50.2	75.2





#35

Caprolactam

Concen: 37.42 ng m

RT: 11.70 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Instrument :

BNA_G

ClientSampleId :

TP-12AMS

Tgt Ion:113 Resp: 81277

Ion Ratio Lower Upper

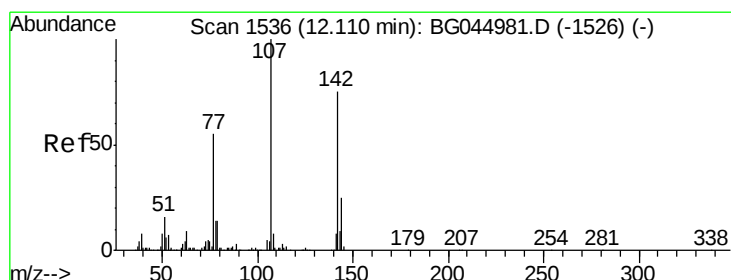
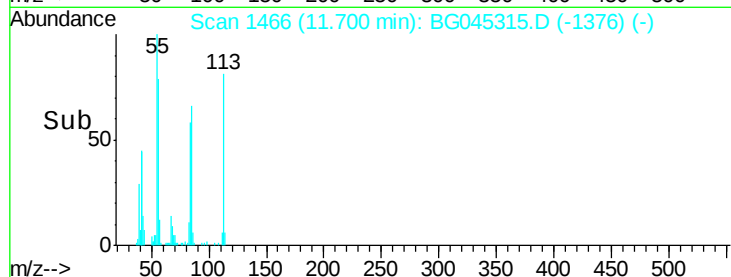
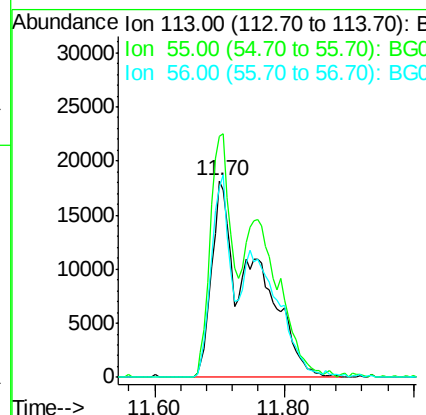
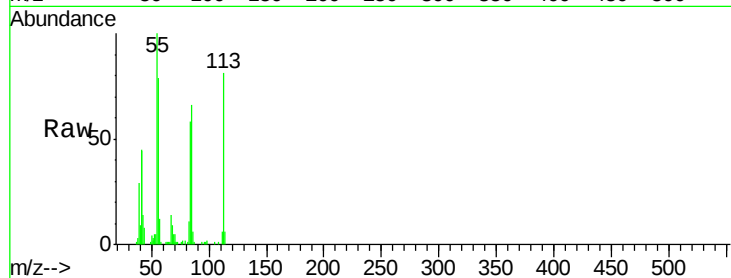
113 100

55 122.7 118.8 158.8

56 96.4 82.6 122.6

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#36

4-Chloro-3-methylphenol

Concen: 40.10 ng

RT: 12.07 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

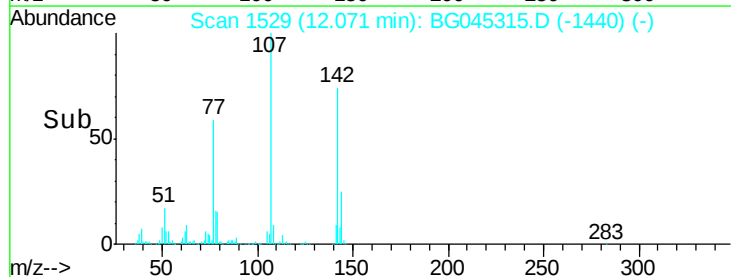
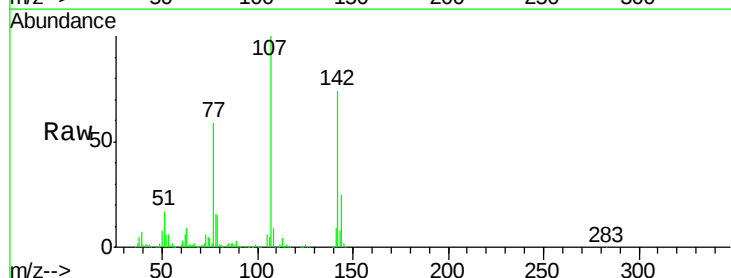
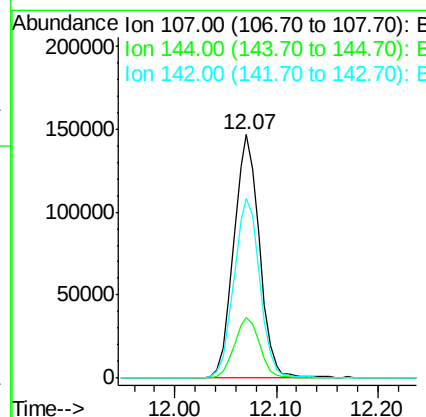
Tgt Ion:107 Resp: 257113

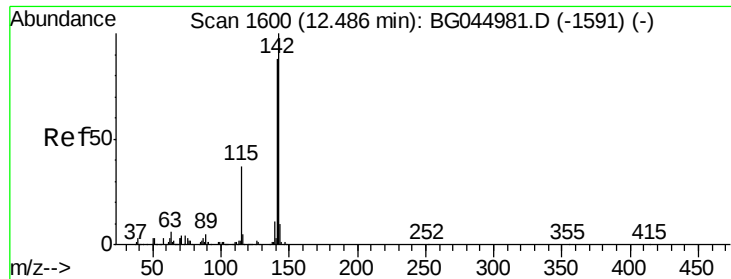
Ion Ratio Lower Upper

107 100

144 25.1 19.8 29.6

142 73.9 59.7 89.5





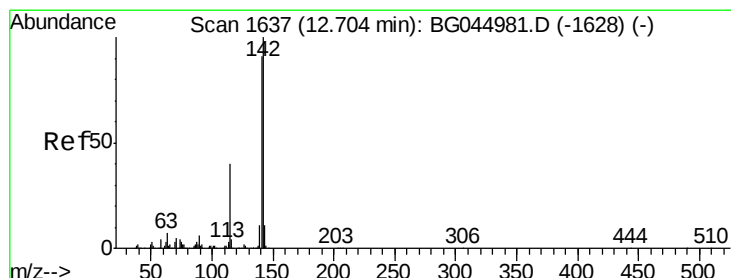
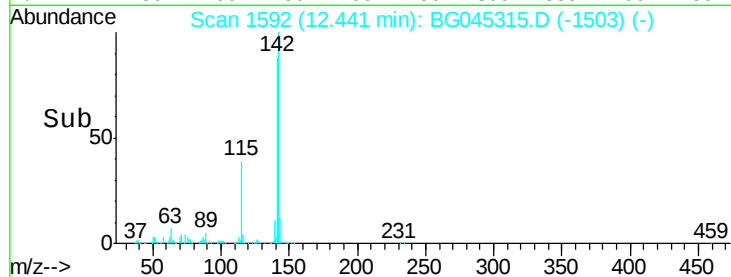
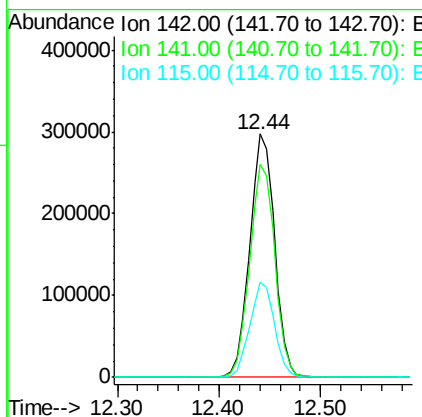
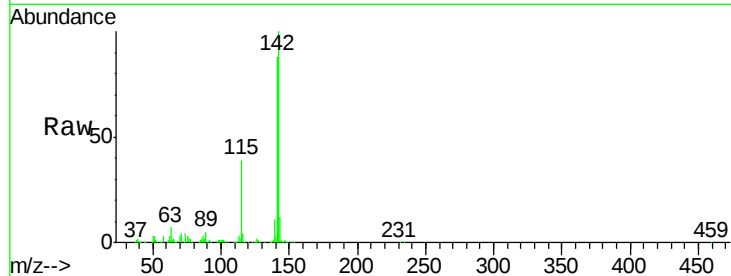
#37
2-Methylnaphthalene
Concen: 38.63 ng
RT: 12.44 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.3	105.5
115	38.9	29.8	44.6

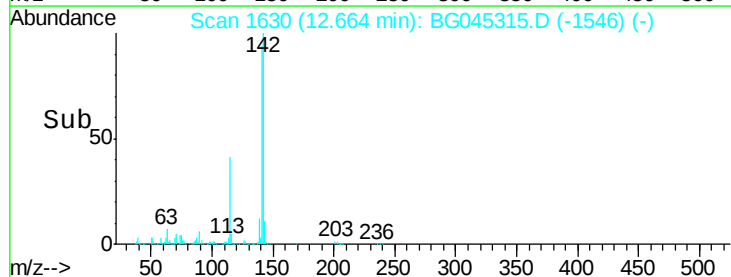
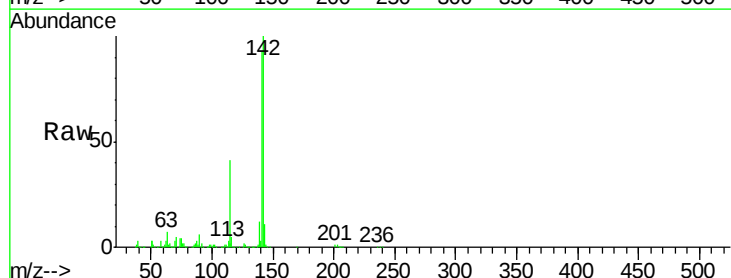
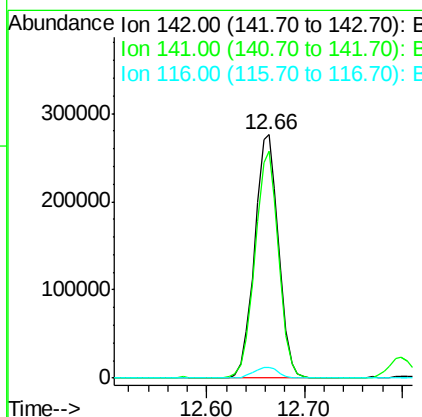
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#38
1-Methylnaphthalene
Concen: 38.57 ng
RT: 12.66 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.7	109.1
116	4.5	3.1	4.7





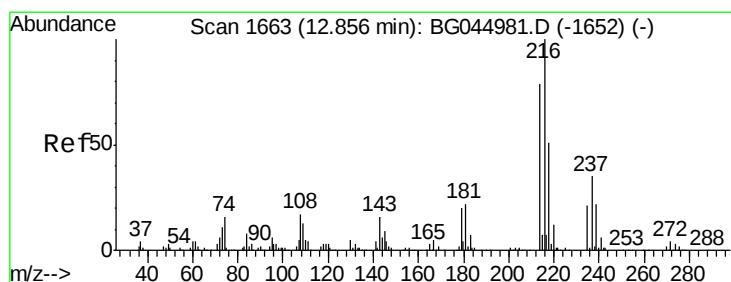
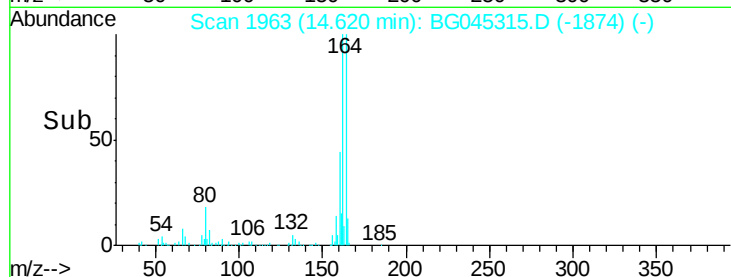
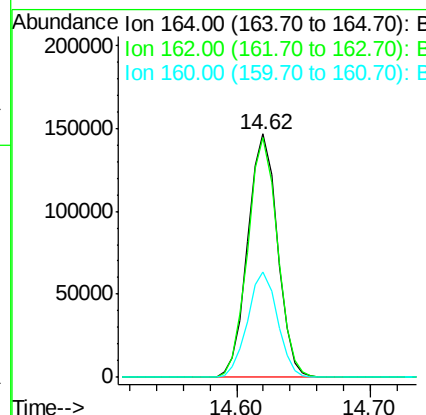
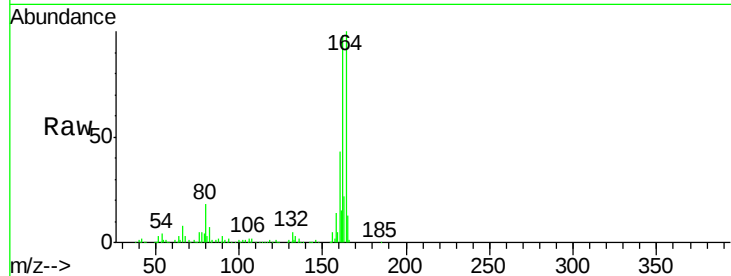
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.7	118.1
160	43.3	32.8	49.2

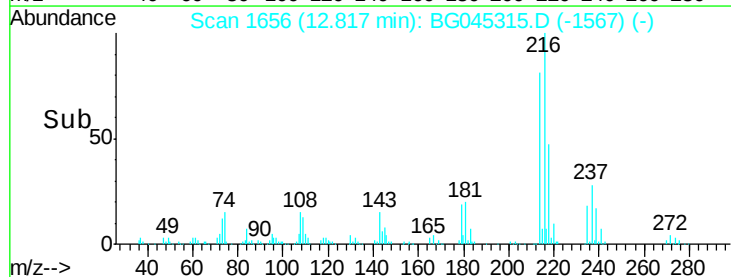
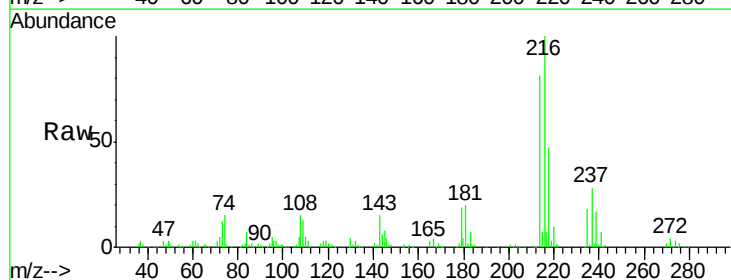
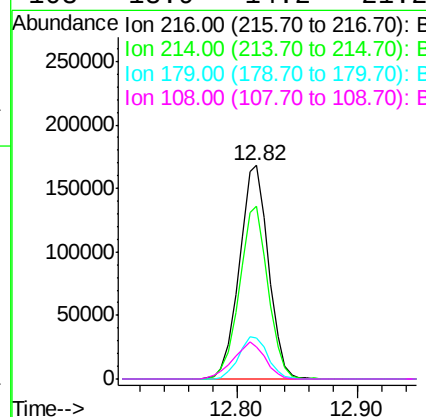
Manual Integrations
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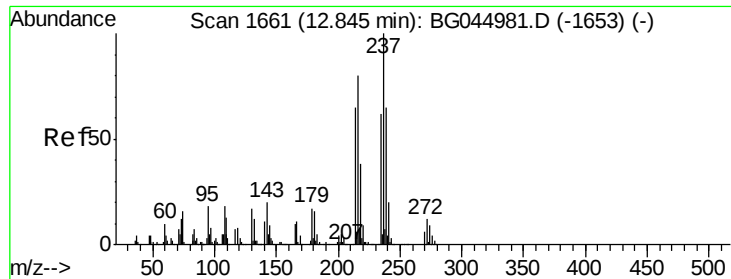
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.94 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.6
179	19.9	15.8	23.8
108	18.9	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 76.47 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Instrument :

BNA_G

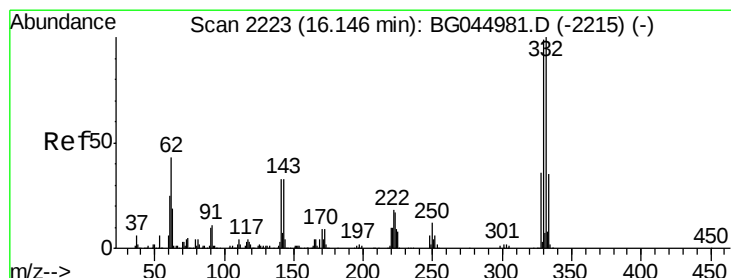
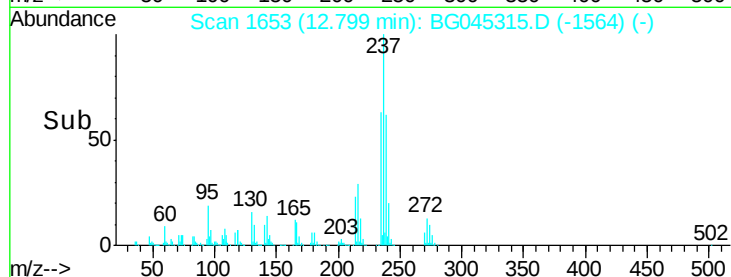
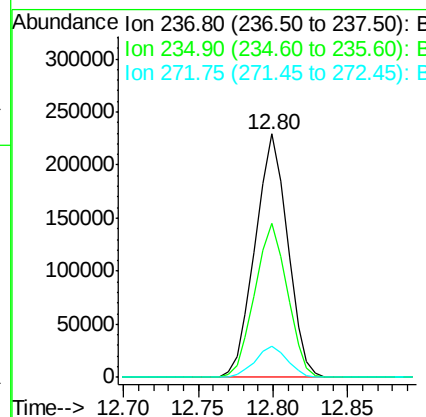
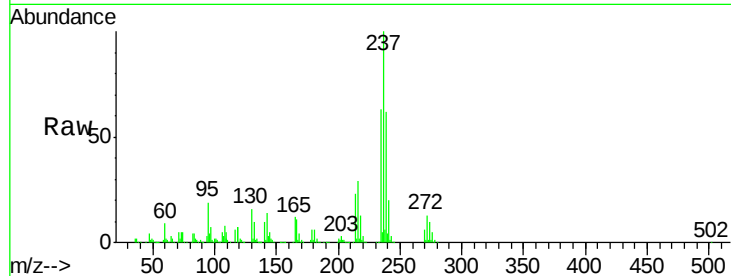
ClientSampleId :

TP-12AMS

Tgt Ion:	237	Resp:	345417
Ion Ratio	Lower	Upper	
237	100		
235	63.0	41.6	81.6
272	12.8	0.0	32.1

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#42

2,4,6-Tribromophenol

Concen: 78.29 ng

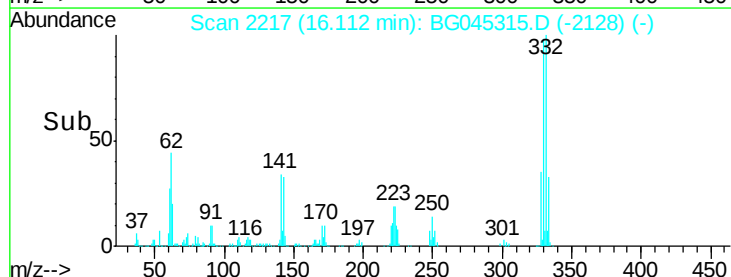
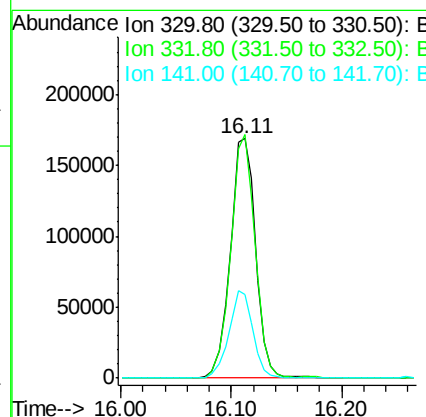
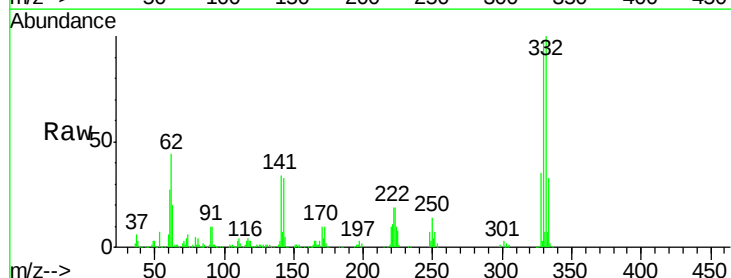
RT: 16.11 min Scan# 2217

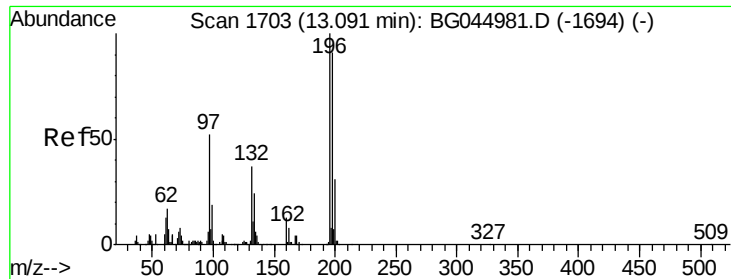
Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Tgt Ion:	330	Resp:	271480
Ion Ratio	Lower	Upper	
330	100		
332	97.4	79.1	118.7
141	34.5	27.1	40.7





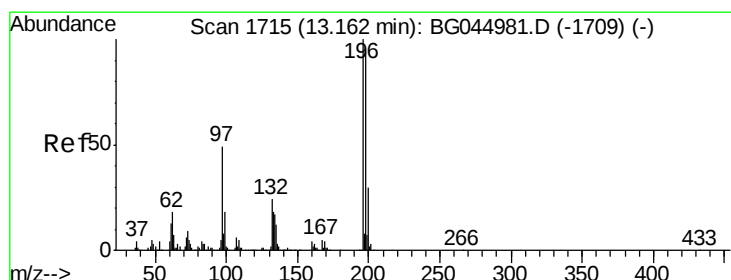
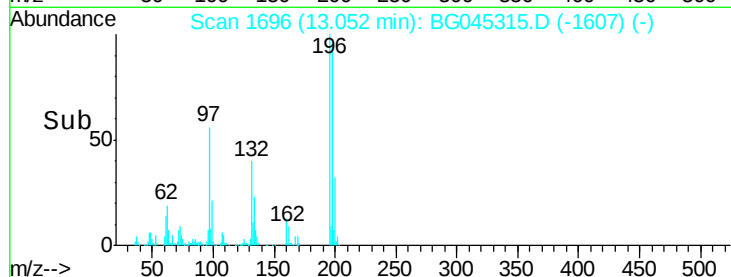
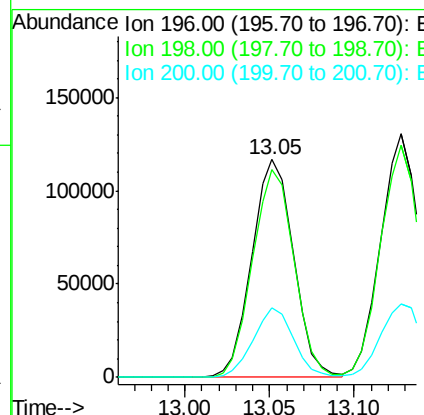
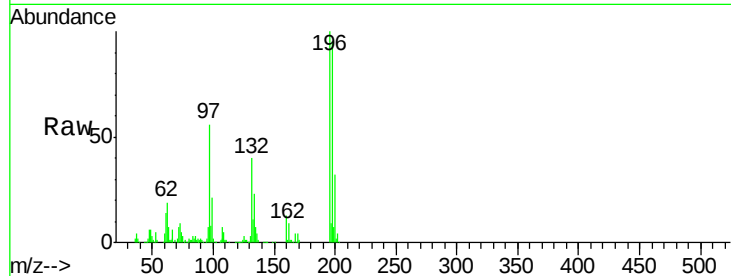
#43
 2,4,6-Trichlorophenol
 Concen: 39.36 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	200746		
198	95.3	72.5	108.7	
200	32.2	24.5	36.7	

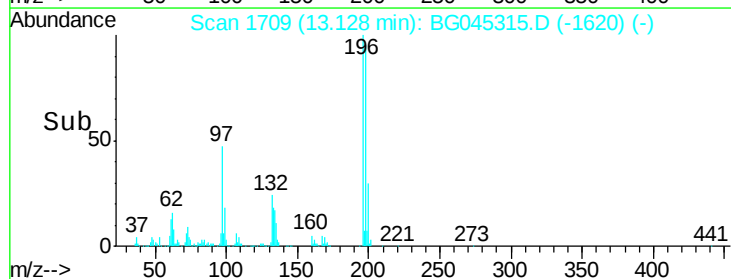
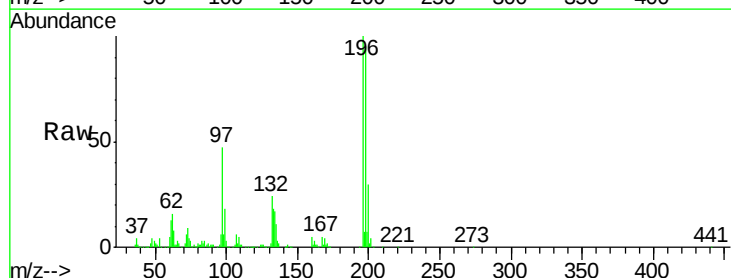
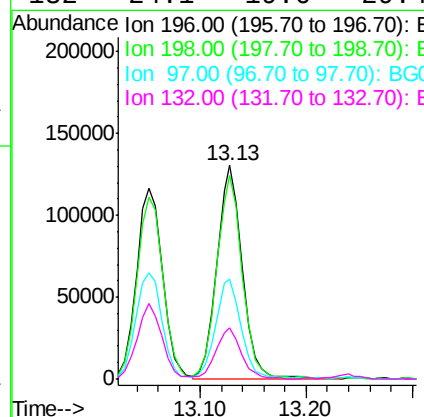
Manual Integrations
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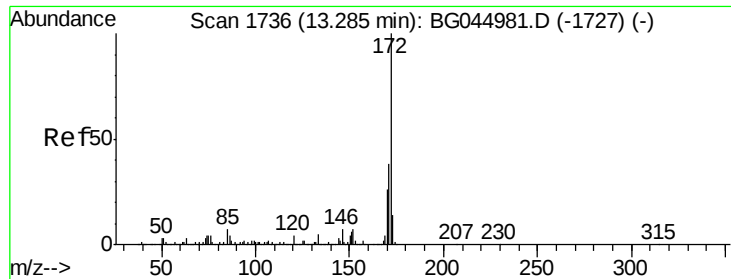
mohammad
 5/13/2020 8:15:22 AM



#44
 2,4,5-Trichlorophenol
 Concen: 37.36 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	216891		
198	95.1	75.7	113.5	
97	46.9	39.6	59.4	
132	24.1	19.6	29.4	





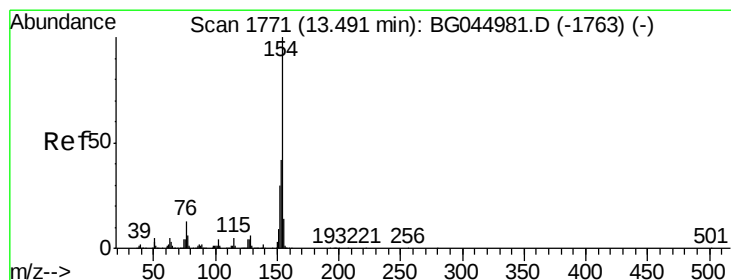
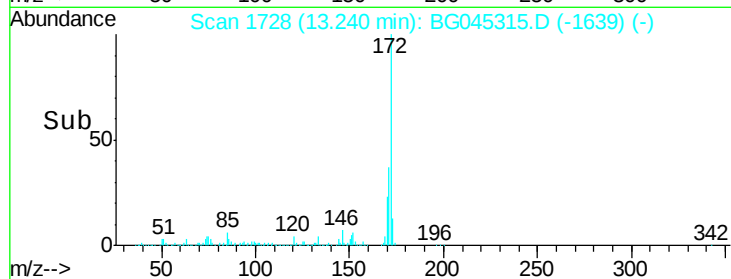
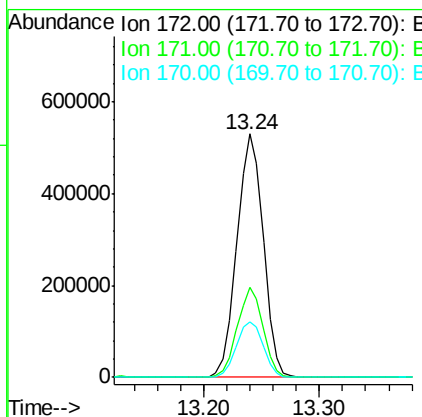
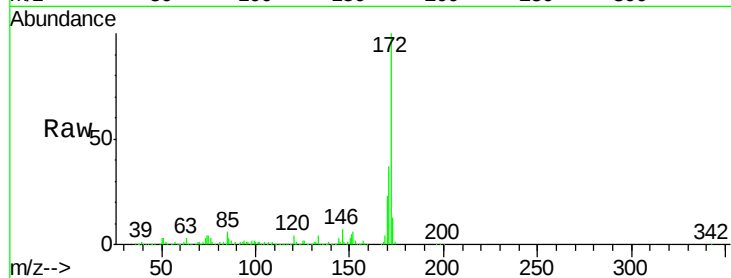
#45
2-Fluorobiphenyl
Concen: 54.58 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	835550		
171	37.2		30.6	46.0
170	23.0		20.5	30.7

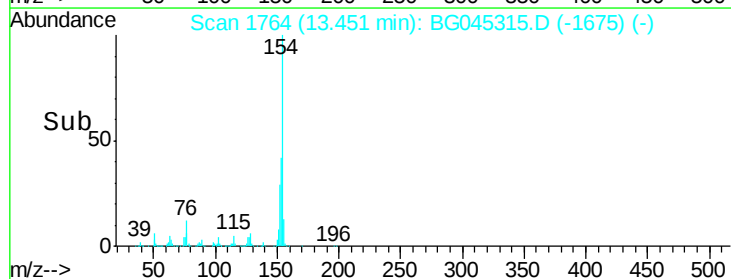
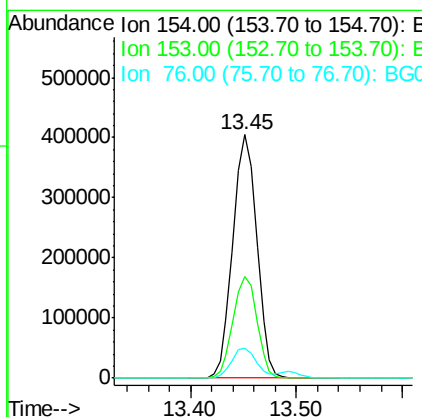
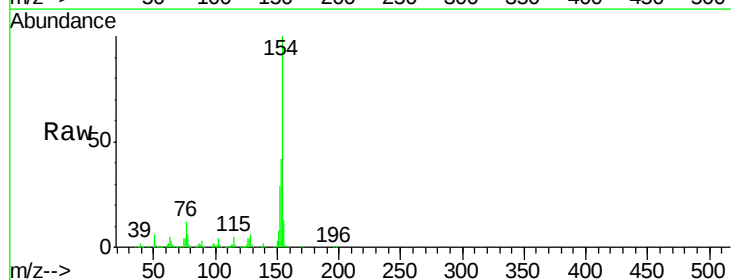
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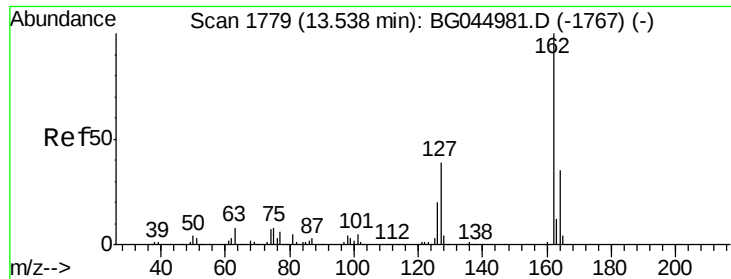
mohammad
5/13/2020 8:15:22 AM



#46
1,1'-Biphenyl
Concen: 37.31 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	636562		
153	41.9		21.9	61.9
76	12.5		0.0	33.1





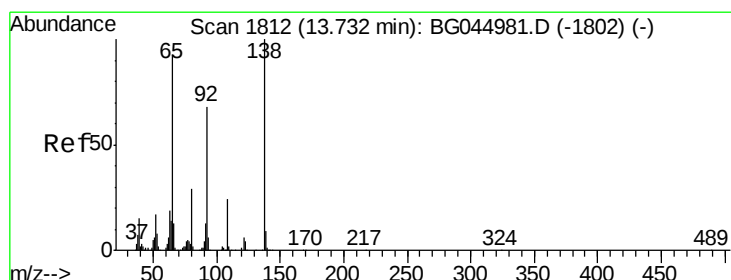
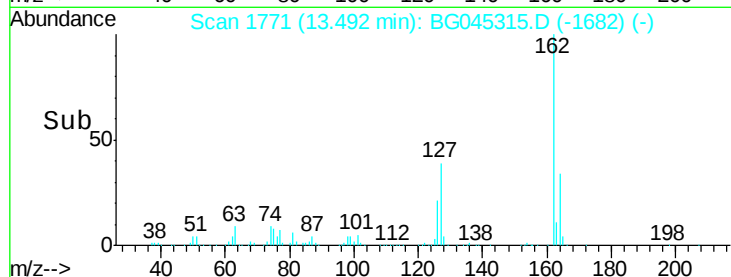
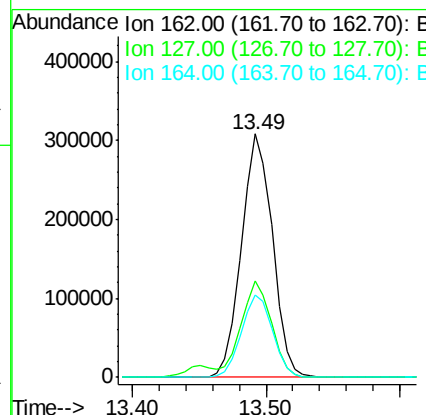
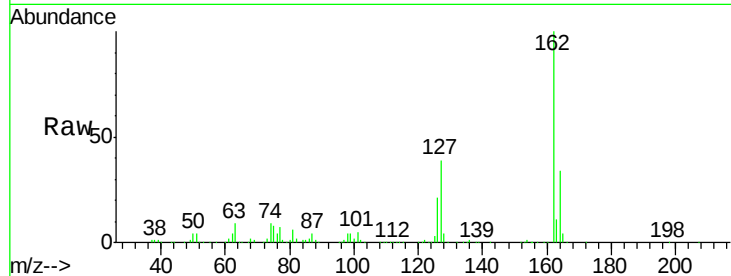
#47
2-Chloronaphthalene
Concen: 37.94 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	494557		
127	39.4	31.3	46.9	
164	34.0	27.8	41.8	

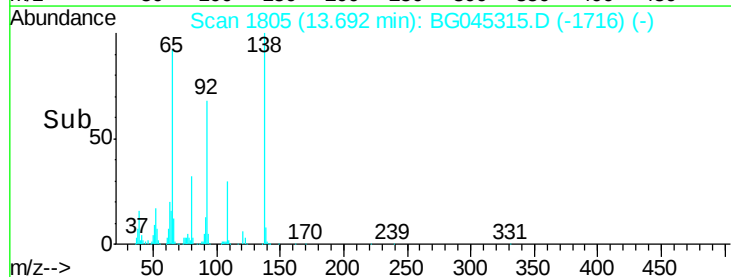
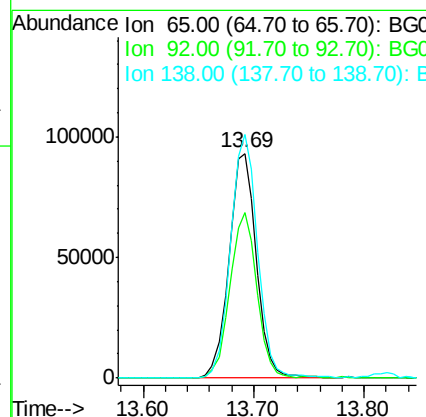
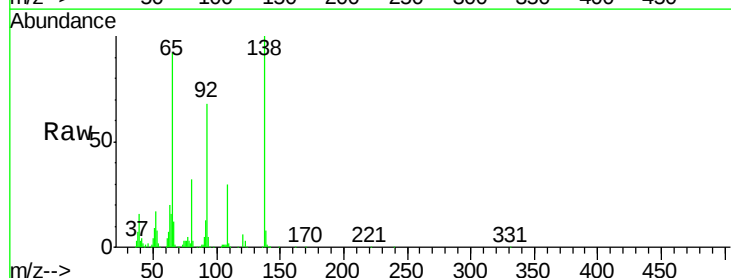
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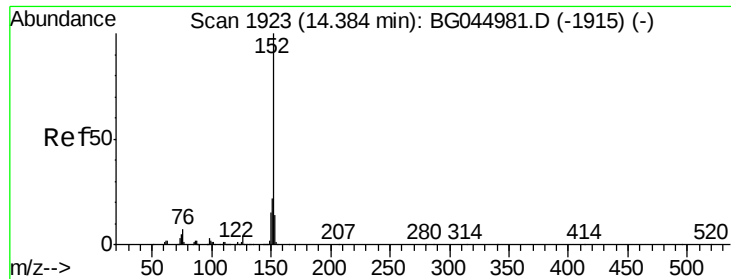
mohammad
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#48
2-Nitroaniline
Concen: 37.77 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	162017		
92	73.8	58.3	87.5	
138	108.4	85.6	128.4	





#49

Acenaphthylene

Concen: 39.06 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Instrument :

BNA_G

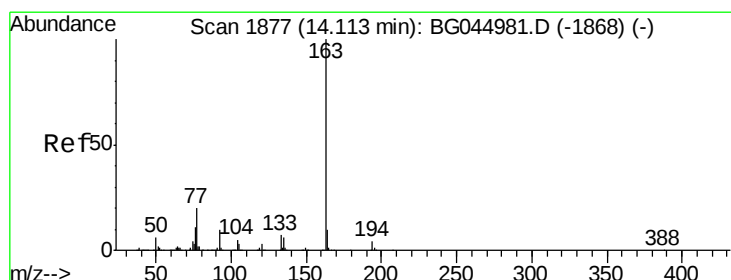
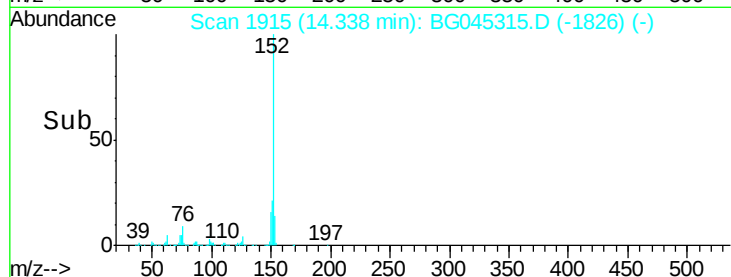
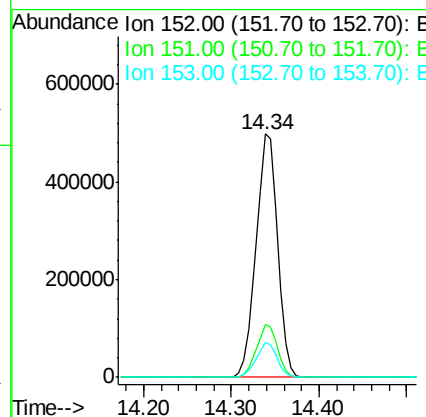
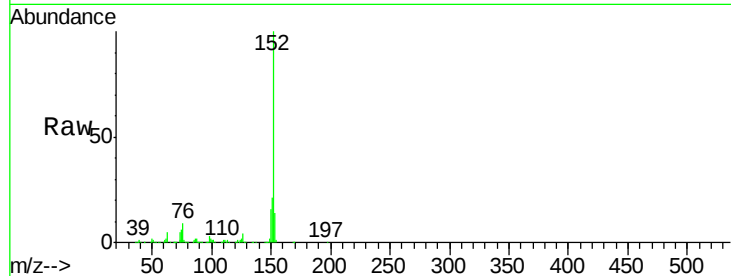
ClientSampleId :

TP-12AMS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.2	25.8
153	14.2	11.0	16.4

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#50

Dimethylphthalate

Concen: 41.18 ng

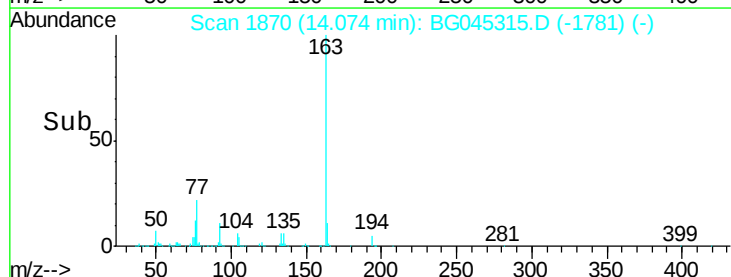
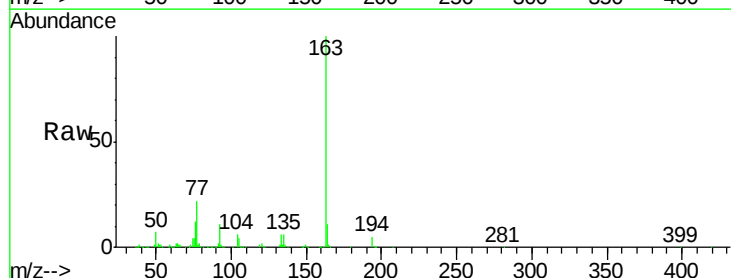
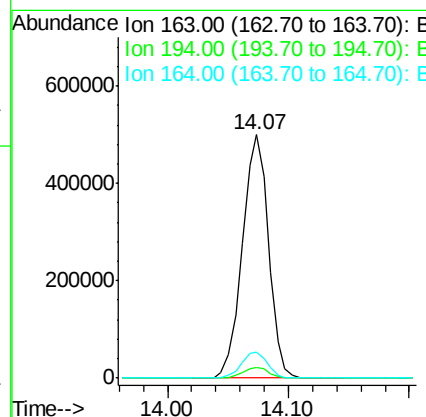
RT: 14.07 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.9	8.2	12.4





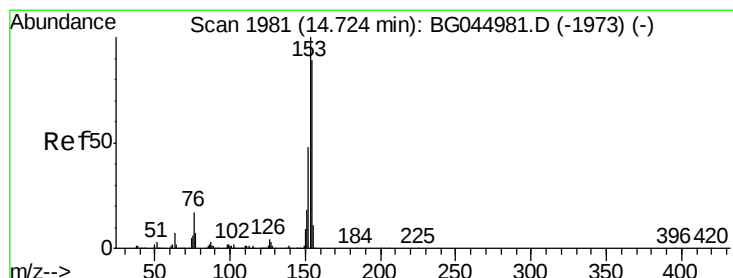
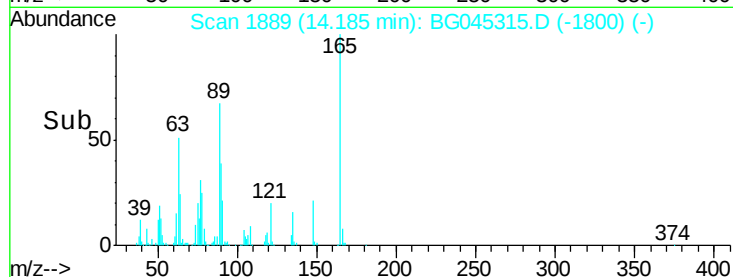
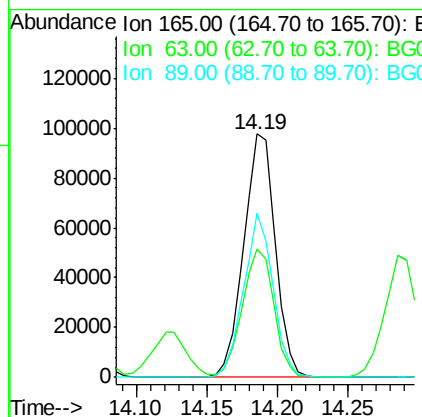
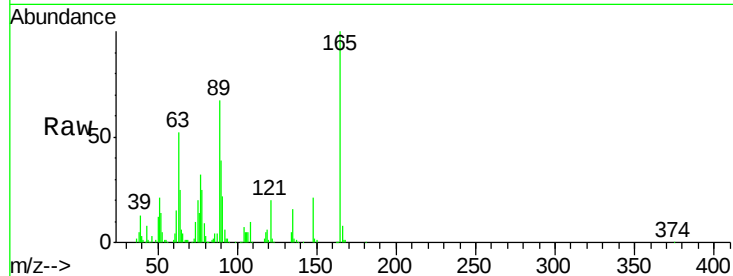
#51
2,6-Dinitrotoluene
Concen: 37.49 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	52.5	40.4	60.6
89	67.2	49.1	73.7

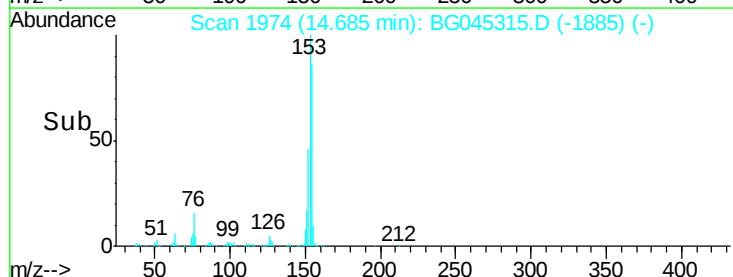
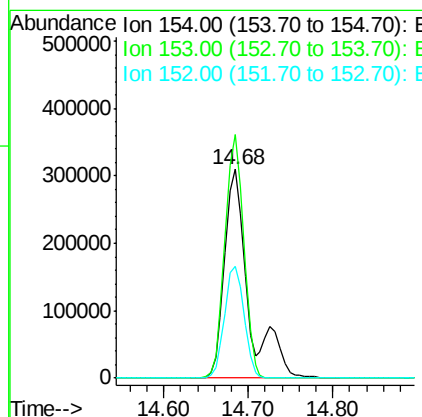
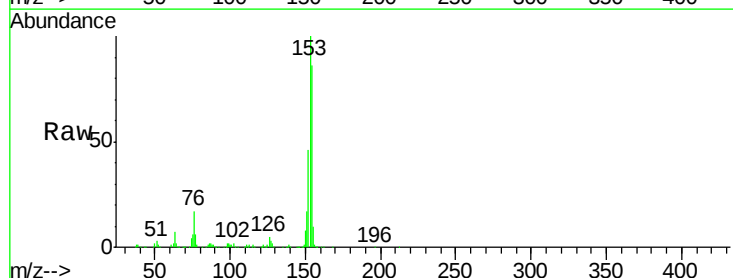
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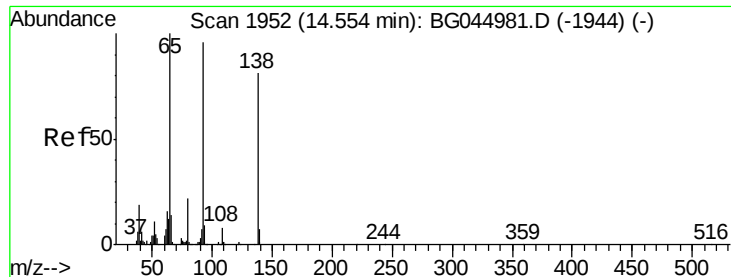
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#52
Acenaphthene
Concen: 42.65 ng m
RT: 14.68 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	116.8	89.7	134.5
152	53.8	43.1	64.7





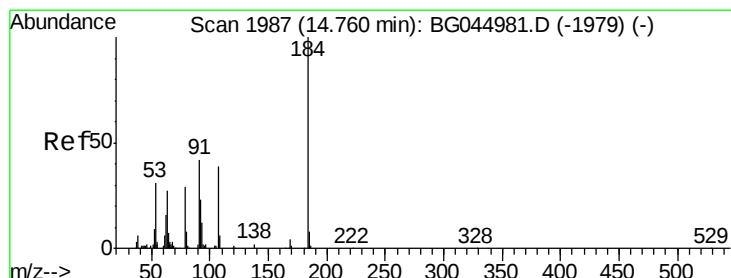
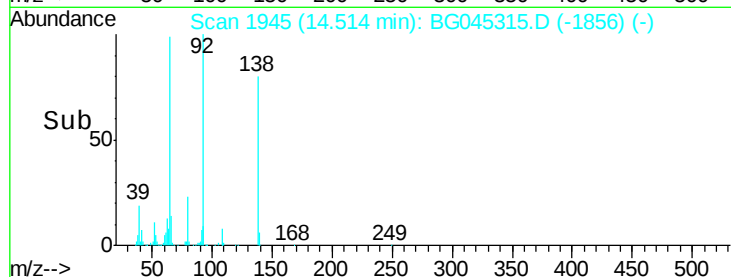
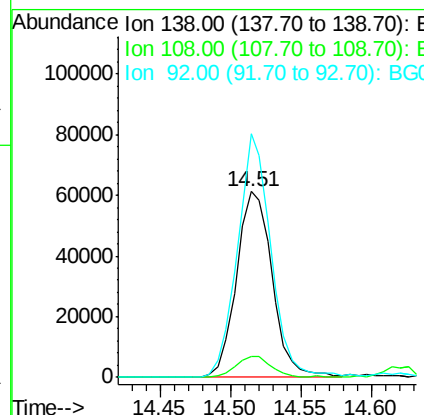
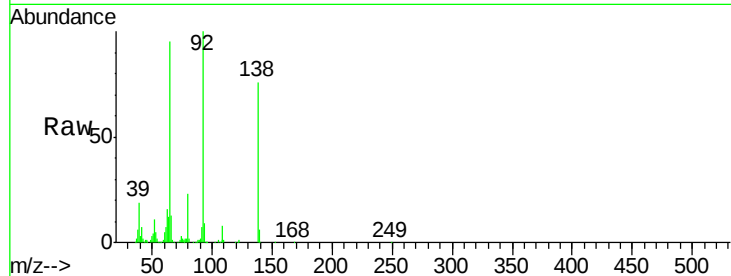
#53
 3-Nitroaniline
 Concen: 24.18 ng
 RT: 14.51 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Instrument :
 BNA_G
 ClientSampled :
 TP-12AMS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	108411		
108	11.1	7.8	11.8	
92	131.1	94.5	141.7	

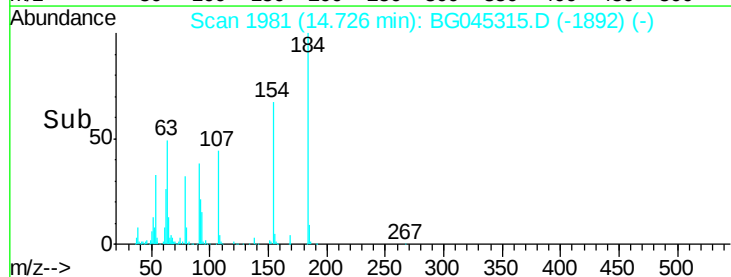
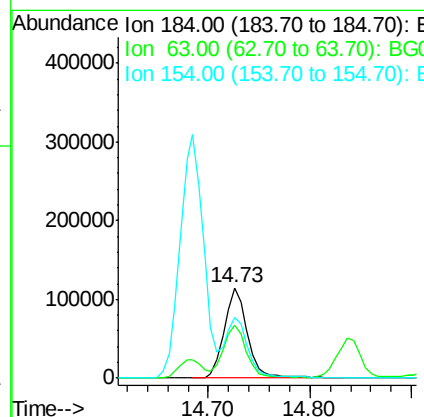
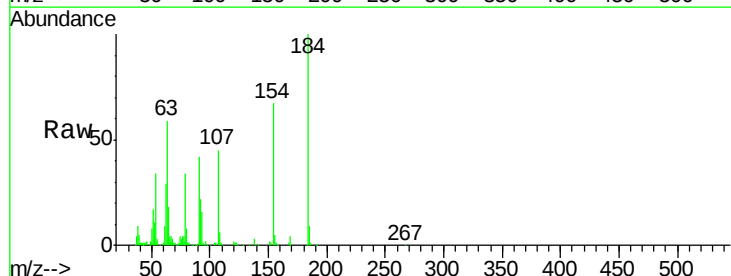
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#54
 2,4-Dinitrophenol
 Concen: 75.53 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	183612		
63	58.7	41.5	62.3	
154	66.7	52.3	78.5	





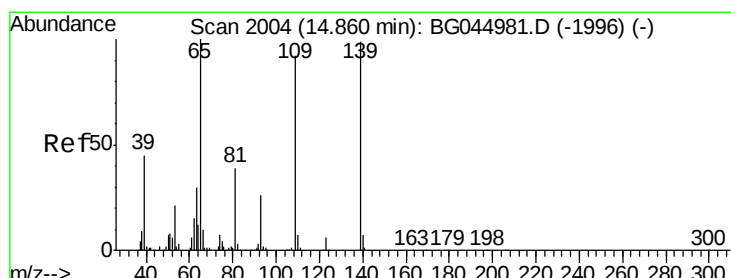
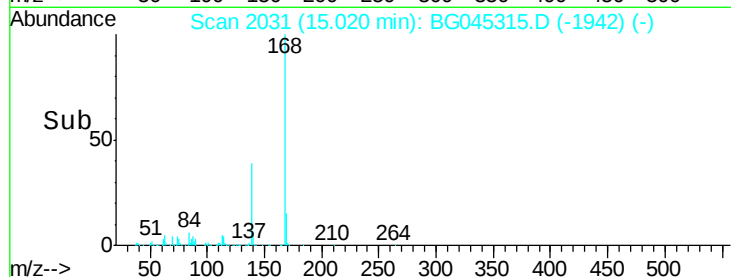
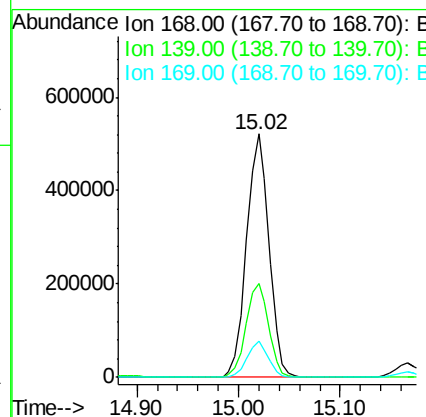
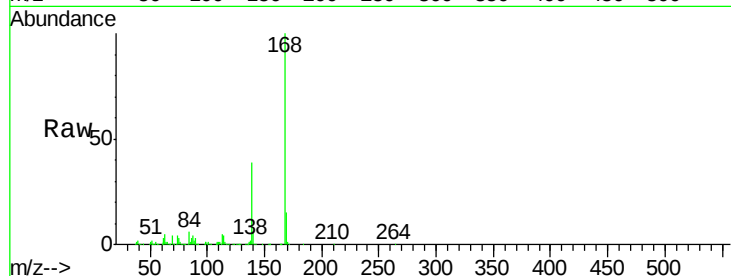
#55
Dibenzenofuran
Concen: 38.08 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	797697		
139	38.7	30.4	45.6	
169	14.7	11.0	16.4	

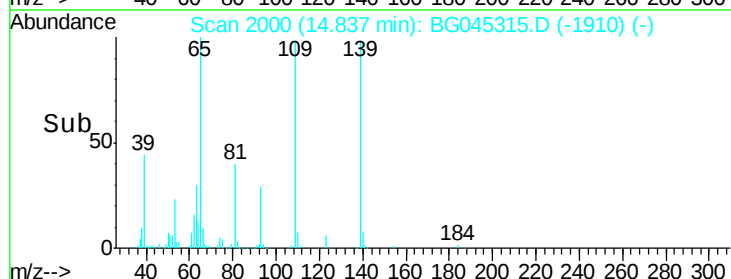
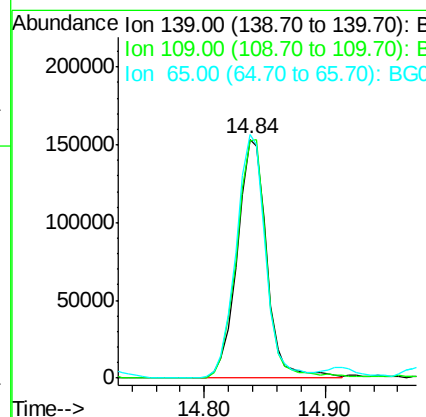
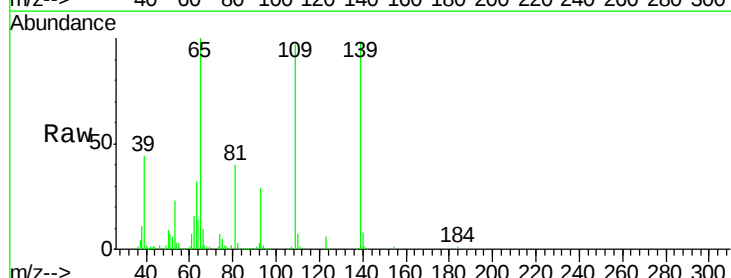
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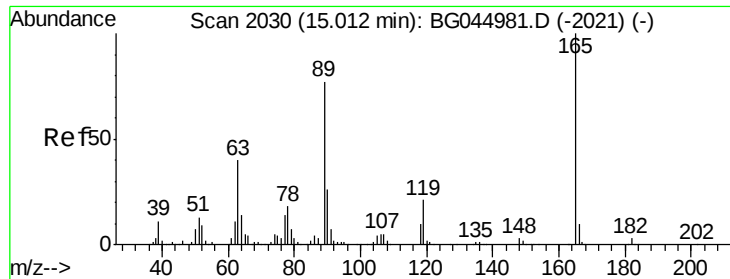
mohammad
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#56
4-Nitrophenol
Concen: 75.18 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	261349		
109	99.3	73.6	113.6	
65	102.0	81.2	121.2	





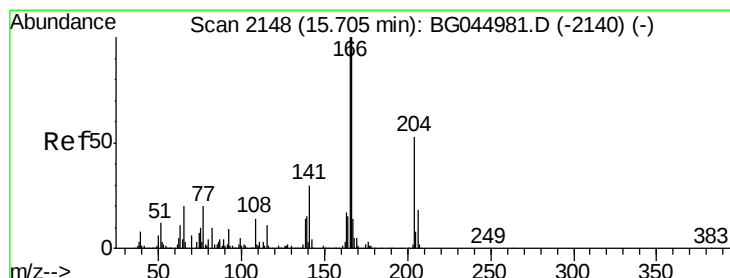
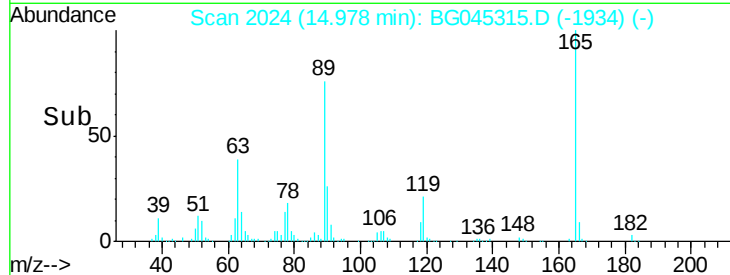
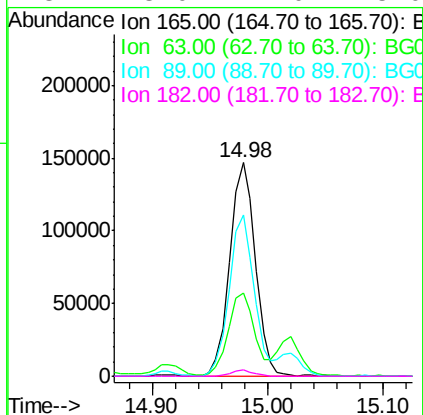
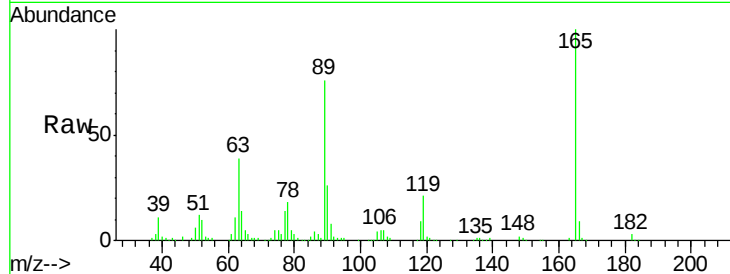
#57
 2,4-Dinitrotoluene
 Concen: 37.83 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMS

Tgt	Ion	Ratio	Resp	Lower	Upper
165	100		226011		
63	39.2	32.2	48.2		
89	75.5	61.7	92.5		
182	3.0	2.0	3.0#		

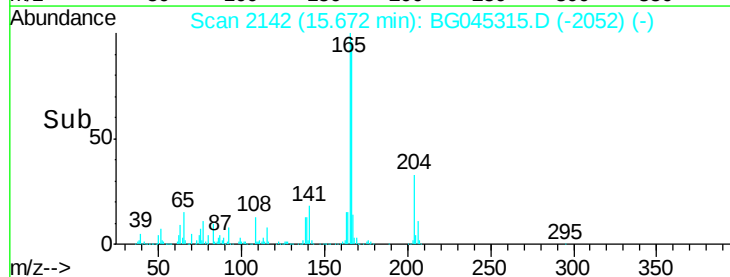
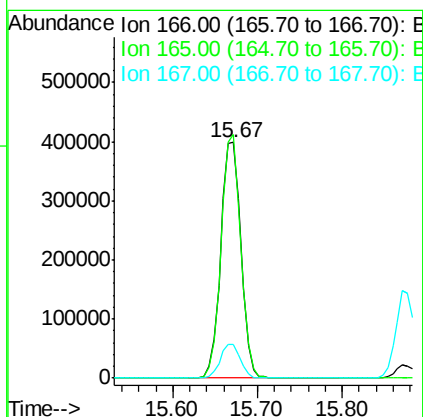
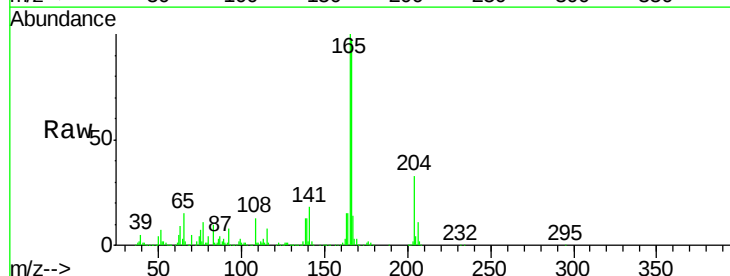
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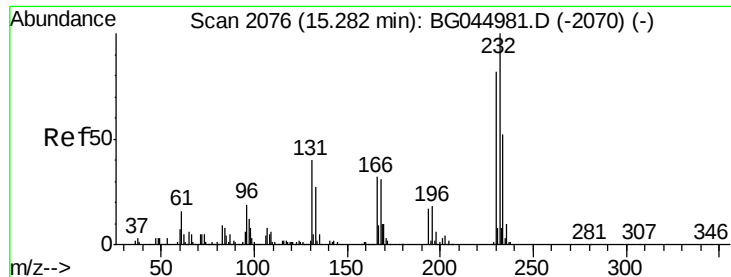
mohammad
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#58
 Fluorene
 Concen: 38.71 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Tgt	Ion	Ratio	Resp	Lower	Upper
166	100		662359		
165	103.3	79.9	119.9		
167	14.5	11.4	17.0		





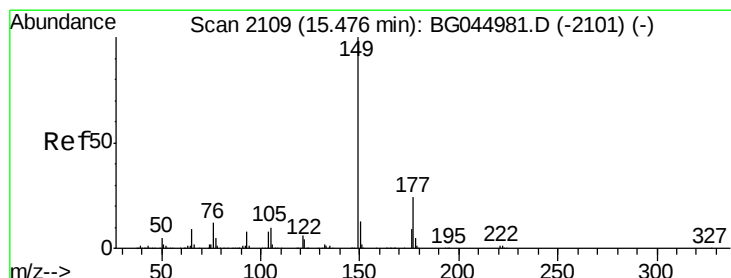
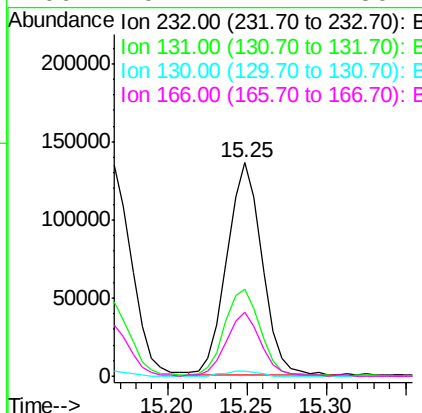
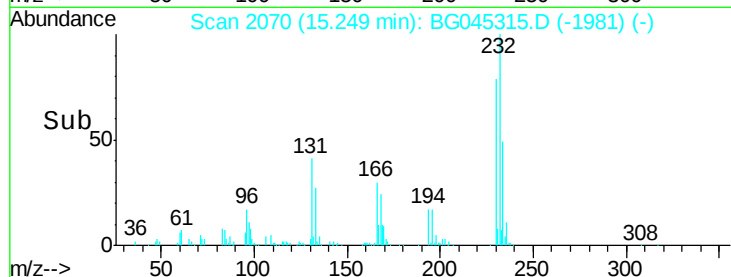
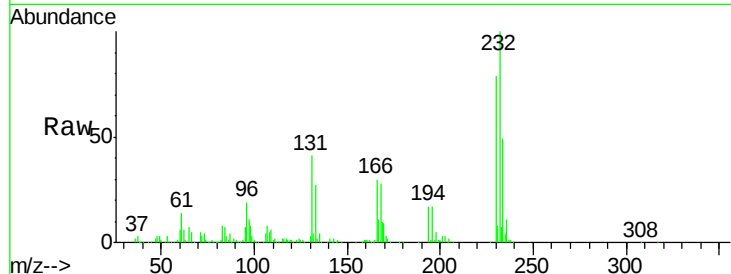
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.37 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	208533		
131	41.6	32.2	48.2	
130	2.5	2.2	3.2	
166	29.1	24.2	36.4	

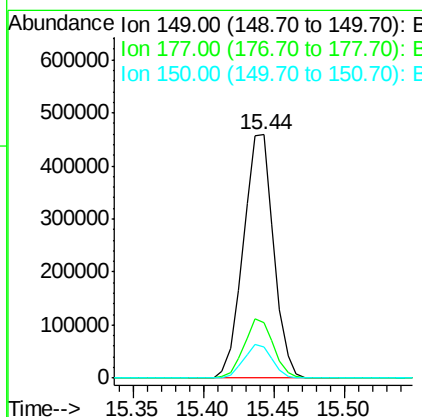
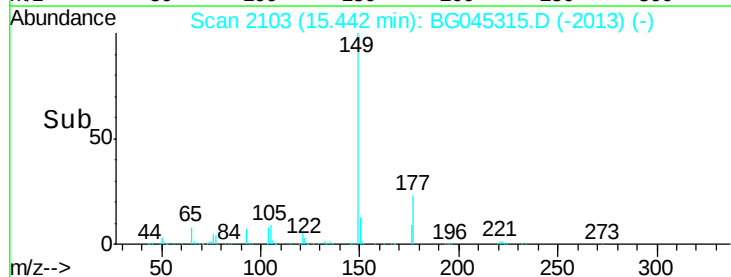
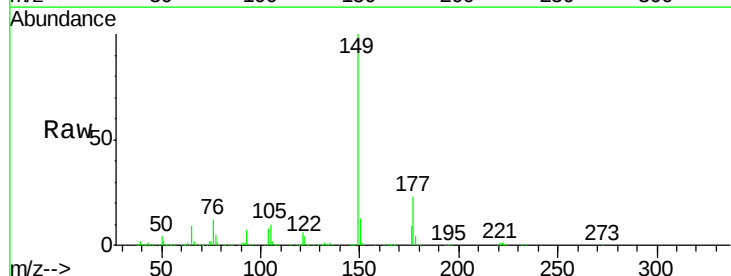
Manual Integrations
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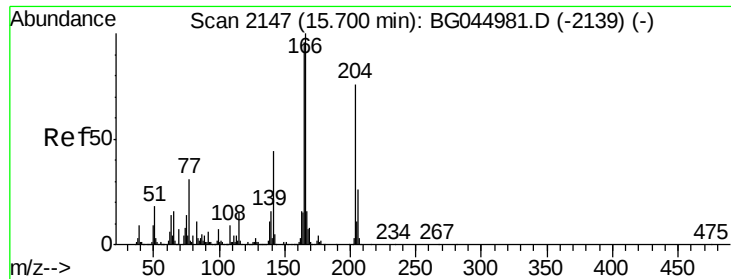
mohammad
 5/13/2020 8:15:22 AM



#60
 Diethylphthalate
 Concen: 36.14 ng
 RT: 15.44 min Scan# 2103
 Delta R.T. 0.00 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	688748		
177	22.9	18.9	28.3	
150	13.0	10.6	15.8	





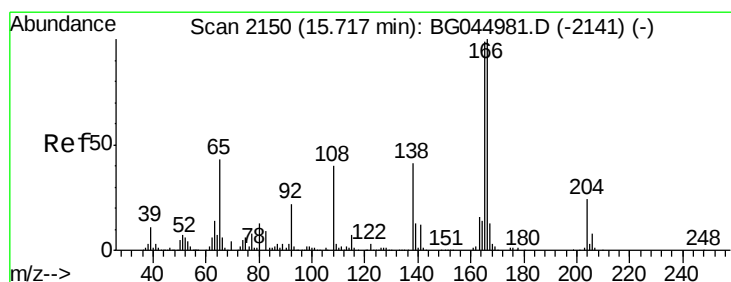
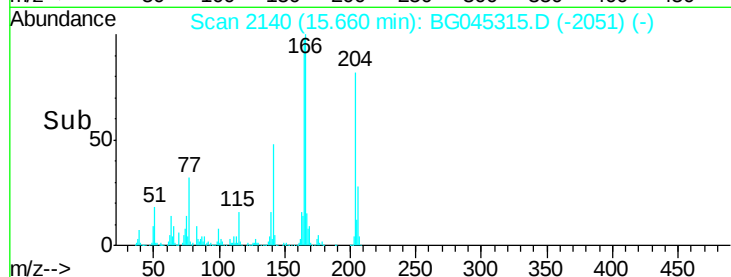
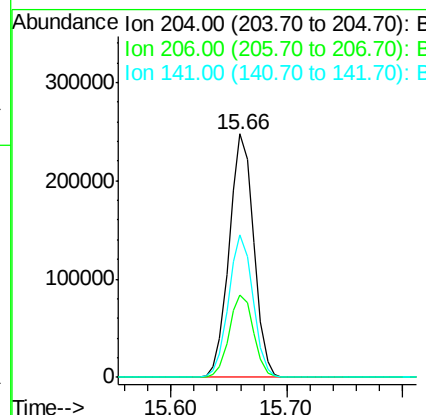
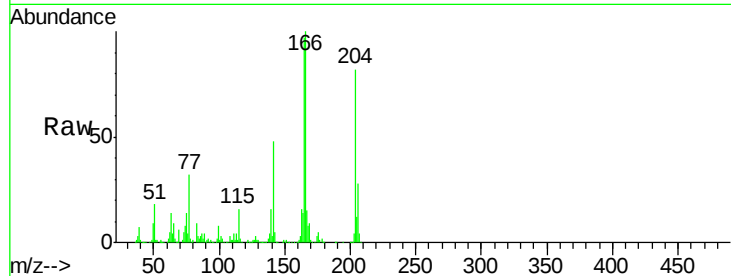
#61
4-Chlorophenyl-phenylether
Concen: 36.97 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	364082		
206	33.9	26.9	40.3	
141	58.6	46.3	69.5	

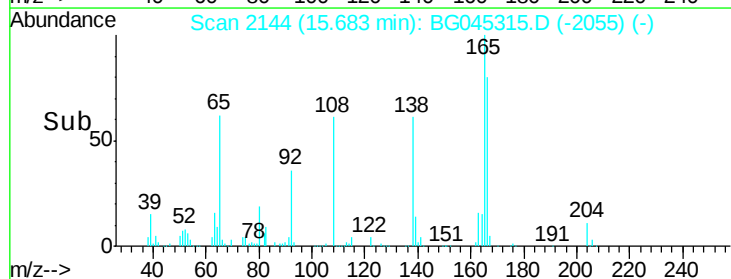
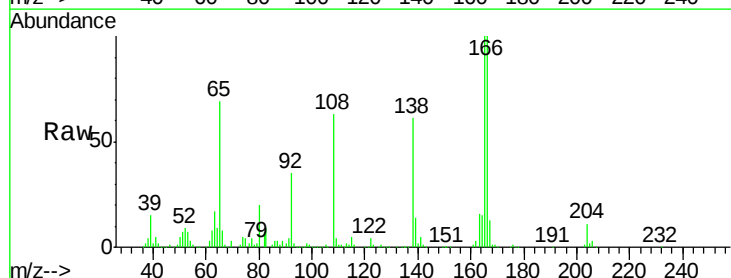
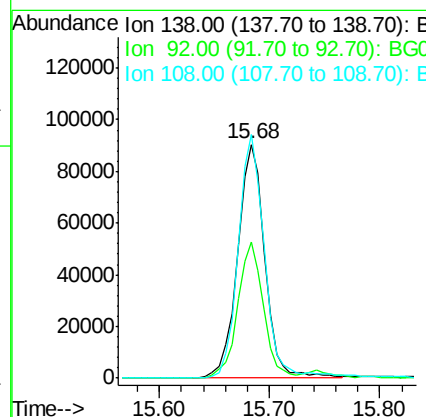
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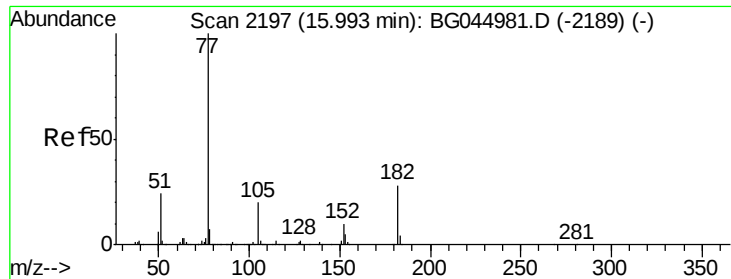
mohammad
5/13/2020 8:15:22 AM



#62
4-Nitroaniline
Concen: 33.70 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	156734		
92	58.4	33.6	73.6	
108	104.2	78.2	118.2	





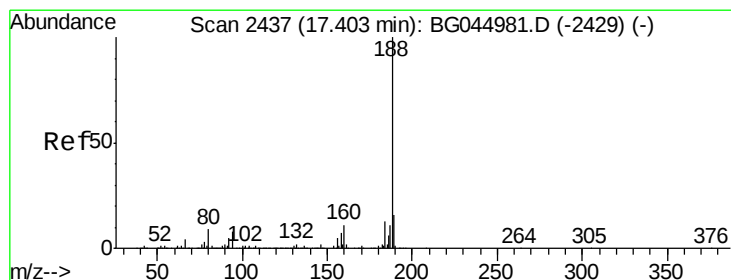
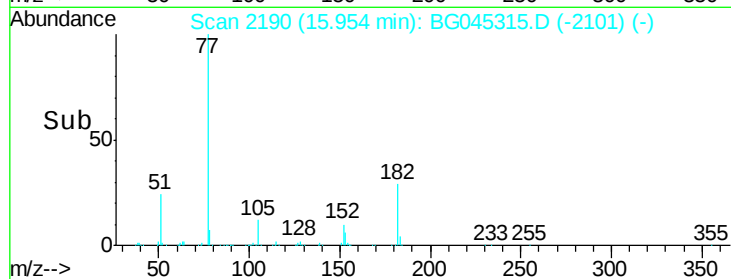
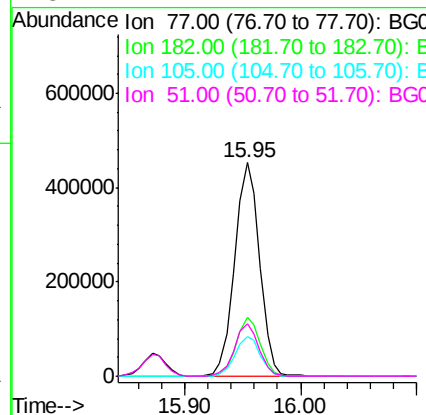
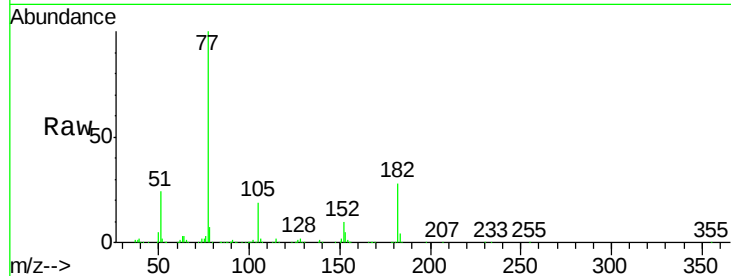
#63
Azobenzene
Concen: 38.10 ng
RT: 15.95 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	669440		
182	27.8	8.4	48.4	
105	18.8	0.5	40.5	
51	24.4	4.4	44.4	

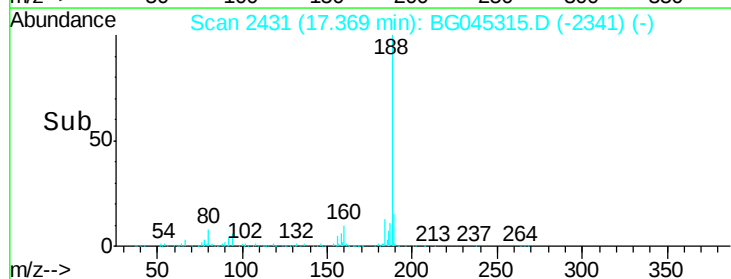
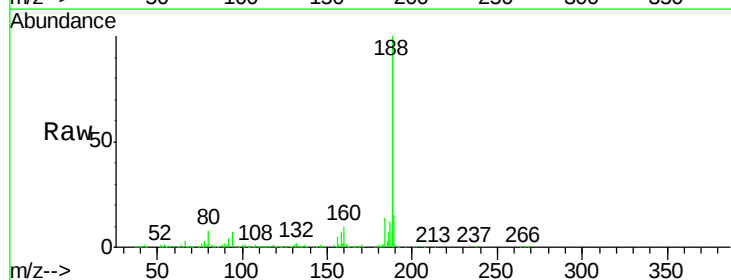
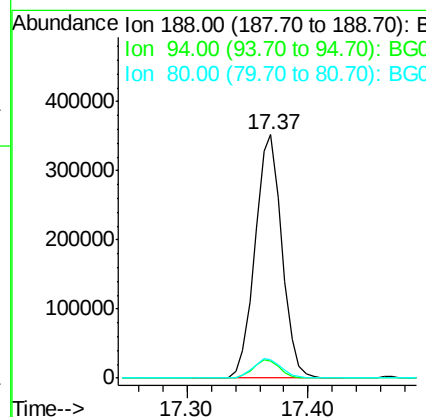
Manual Integrations
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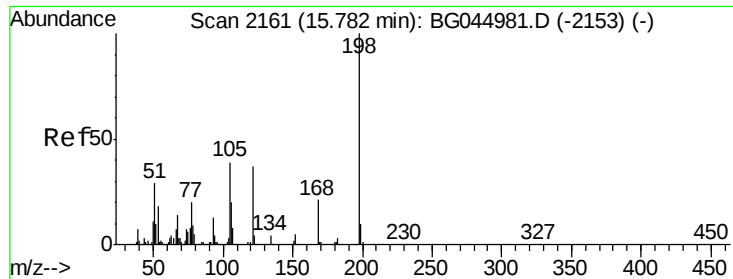
mohammad
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	544729		
94	6.8	6.2	9.4	
80	7.6	7.0	10.6	





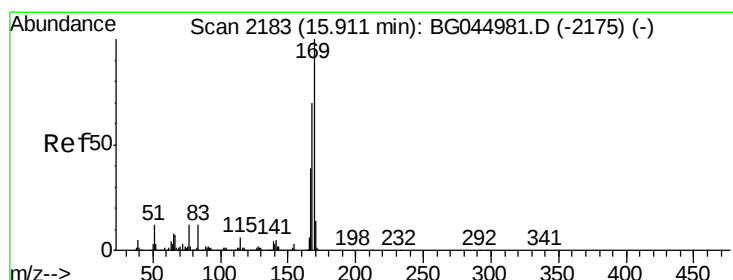
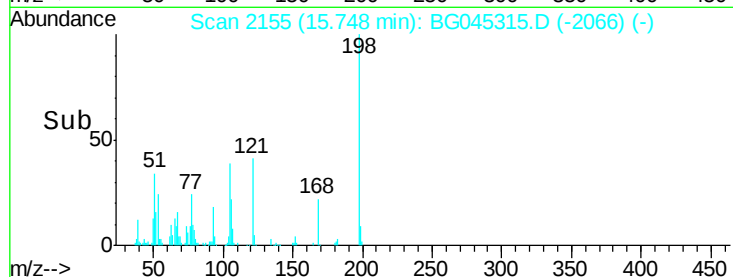
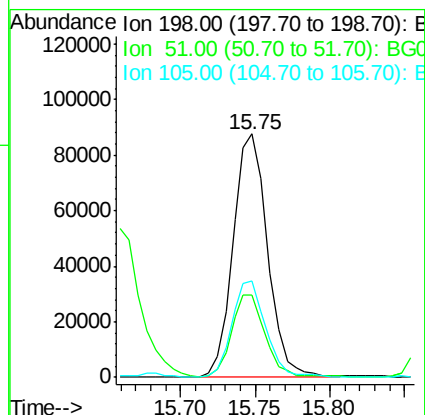
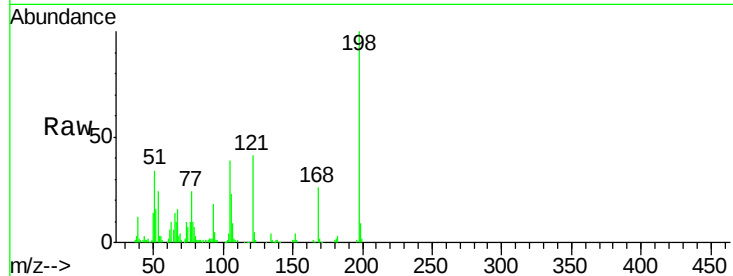
#65
4,6-Dinitro-2-methylphenol
Concen: 39.35 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	140905		
51	34.0	10.0	50.0	
105	39.4	18.9	58.9	

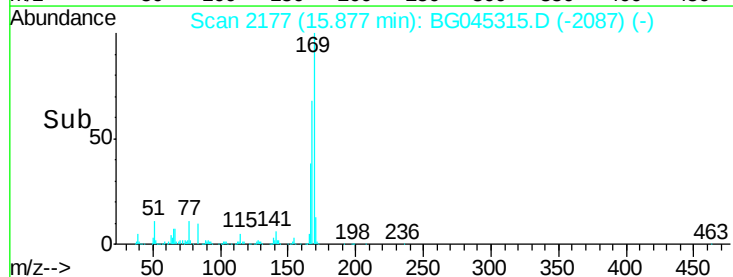
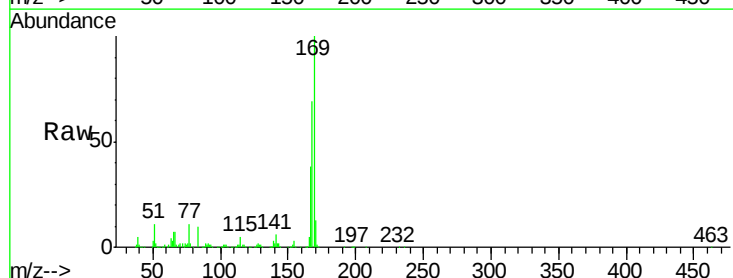
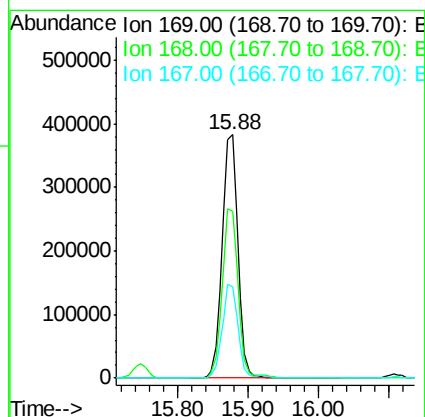
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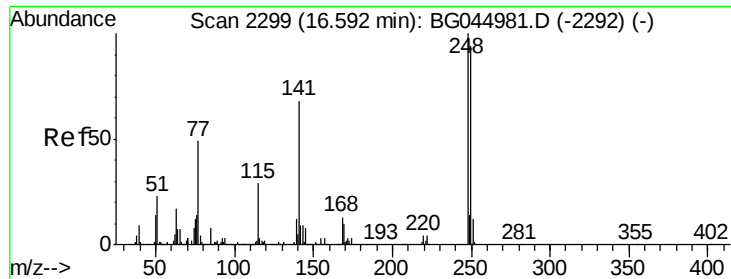
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#66
n-Nitrosodiphenylamine
Concen: 37.80 ng
RT: 15.88 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	591600		
168	68.5	55.8	83.8	
167	37.5	30.8	46.2	





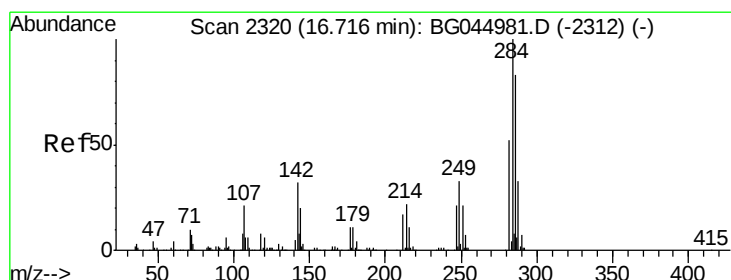
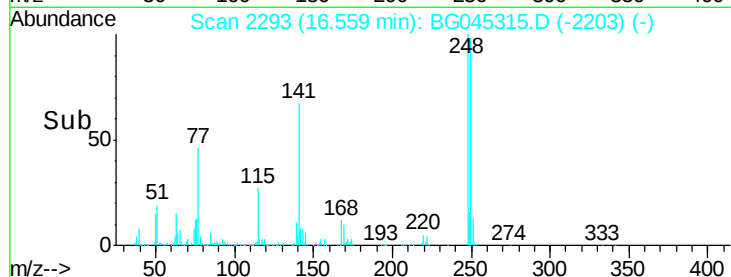
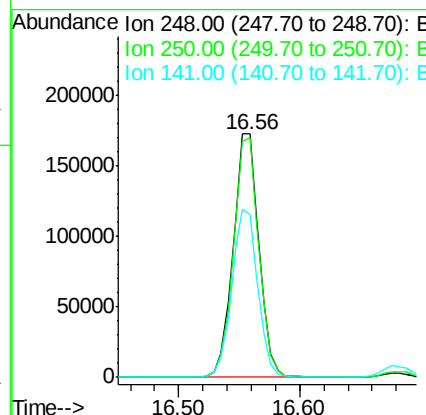
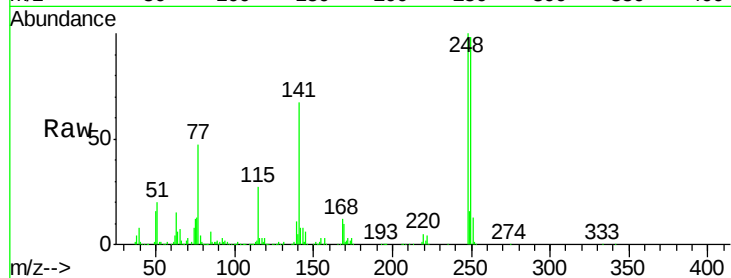
#67
4-Bromophenyl-phenylether
Concen: 36.35 ng
RT: 16.56 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	255482		
250	98.5	75.4	113.2	
141	66.7	54.4	81.6	

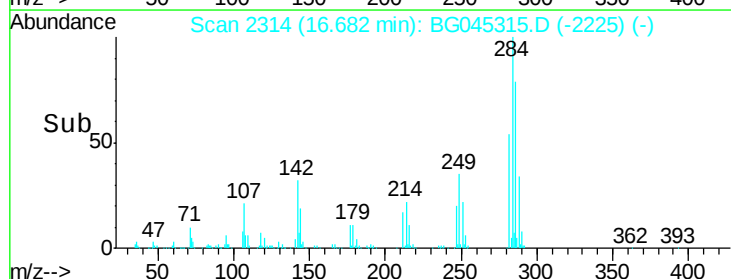
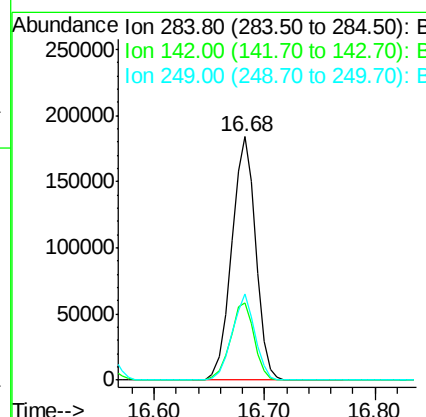
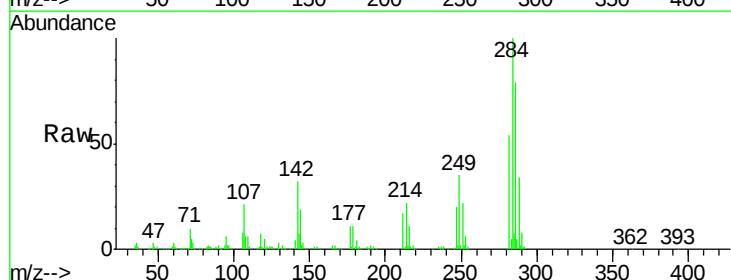
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#68
Hexachlorobenzene
Concen: 38.33 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	279350		
142	31.6	25.8	38.6	
249	35.2	26.6	39.8	





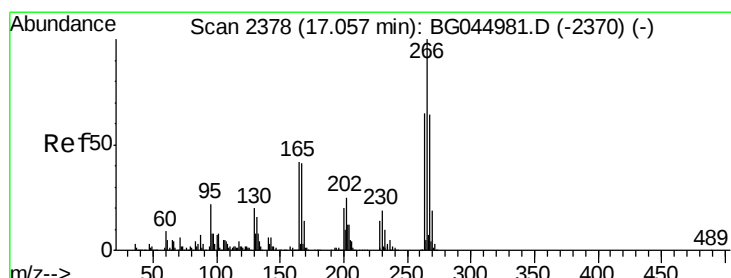
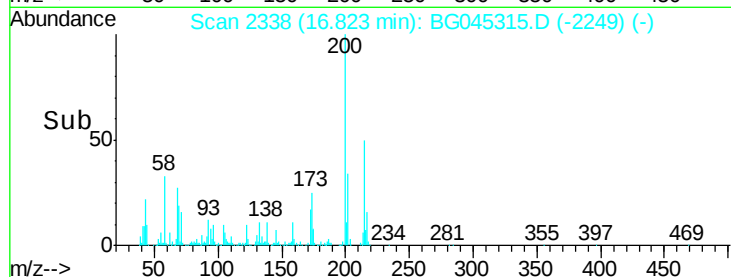
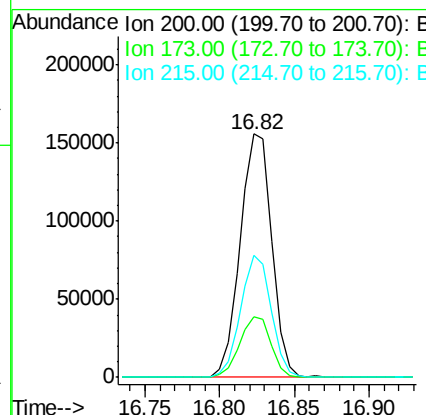
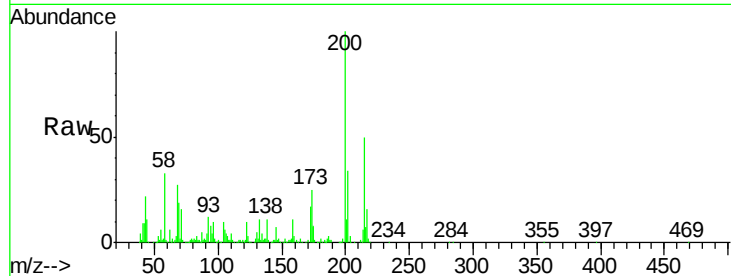
#69
Atrazine
Concen: 39.57 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.7	4.5	44.5
215	50.1	30.0	70.0

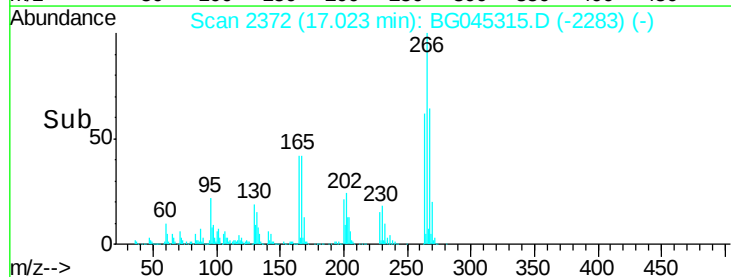
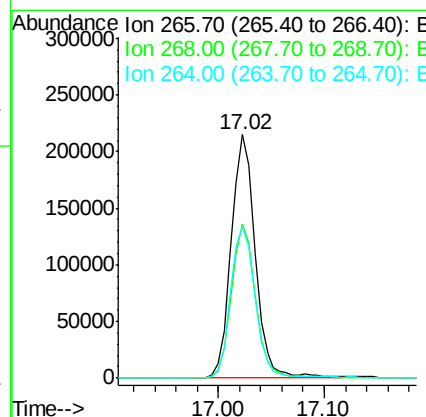
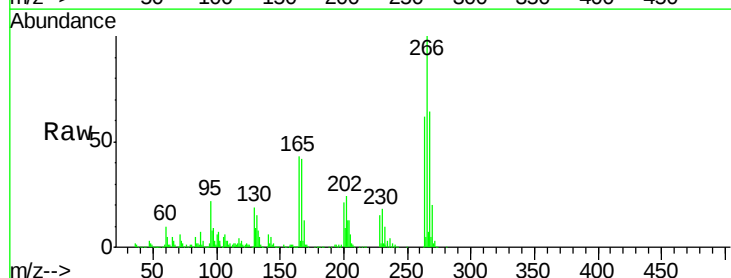
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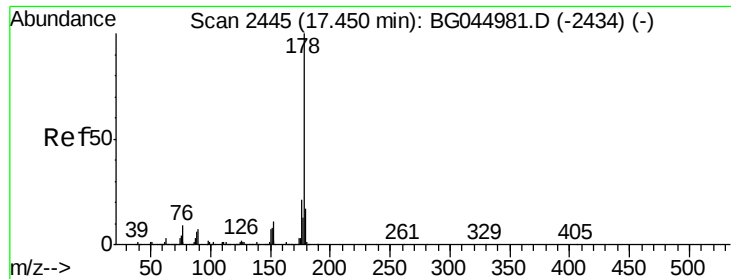
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#70
Pentachlorophenol
Concen: 75.62 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.5	51.5	77.3
264	62.2	52.2	78.4





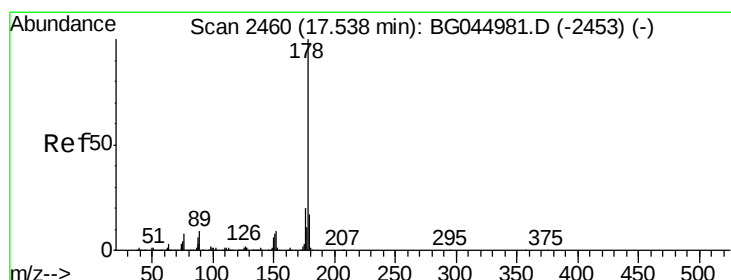
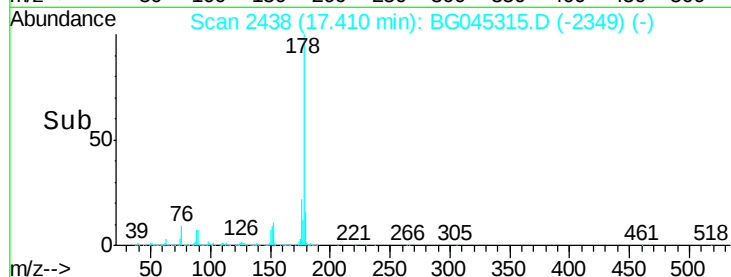
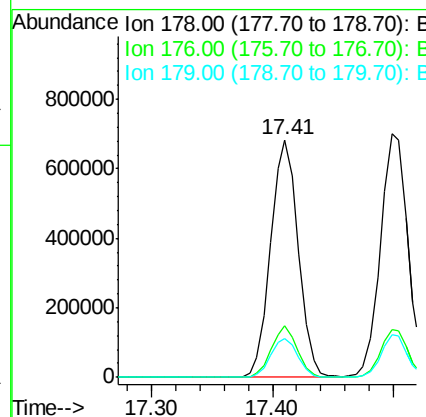
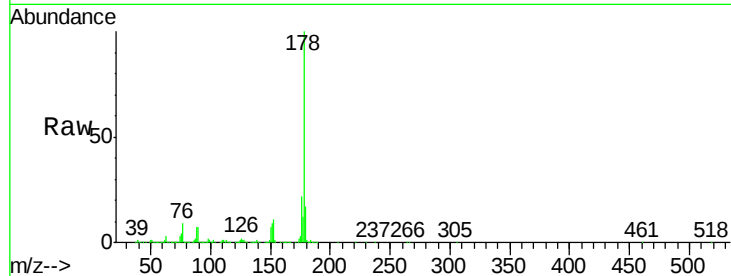
#71
Phenanthrene
Concen: 38.79 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion:178 Resp: 1085855
Ion Ratio Lower Upper
178 100
176 21.6 16.8 25.2
179 16.5 13.2 19.8

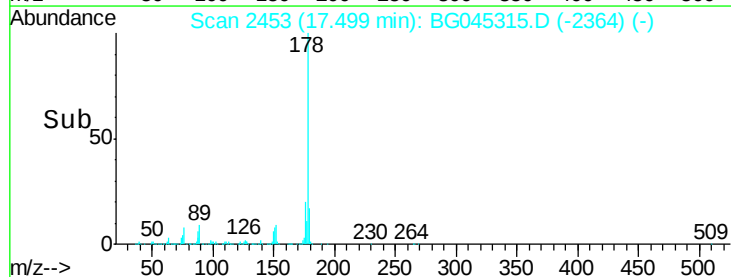
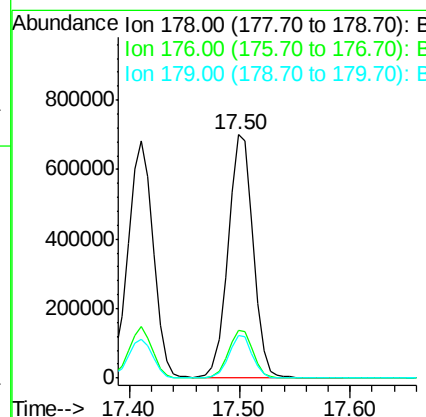
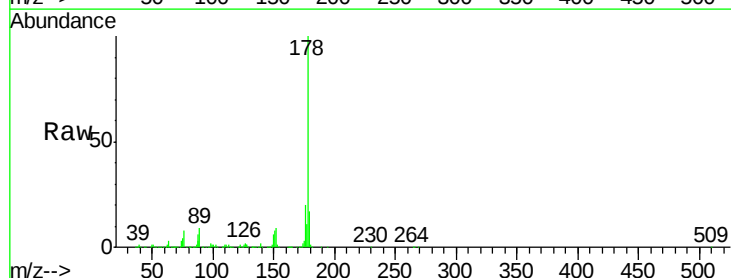
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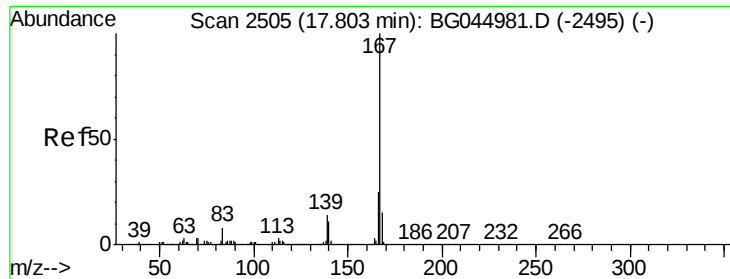
mohammad
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#72
Anthracene
Concen: 39.57 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion:178 Resp: 1110983
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 17.3 13.6 20.4





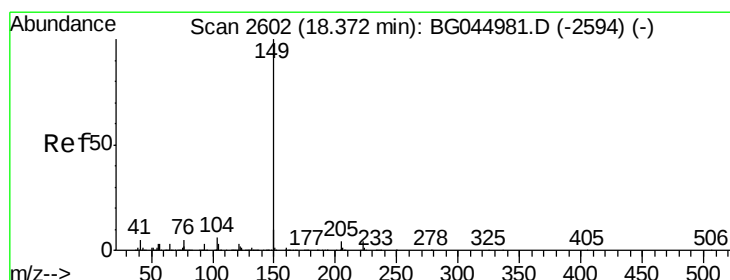
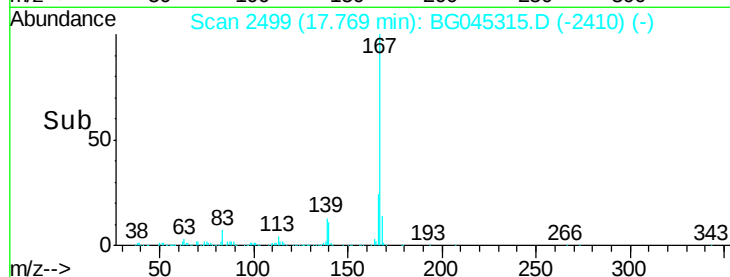
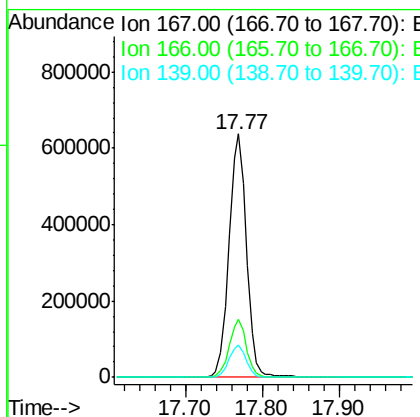
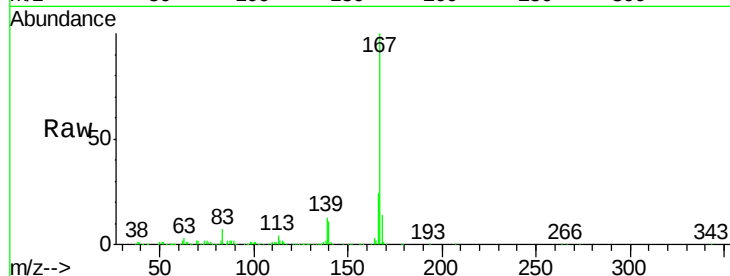
#73
 Carbazole
 Concen: 35.56 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMS

Tgt Ion:167 Resp: 1013146
 Ion Ratio Lower Upper
 167 100
 166 23.9 19.8 29.6
 139 13.3 10.9 16.3

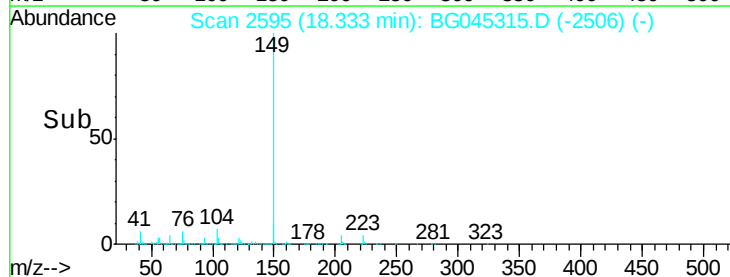
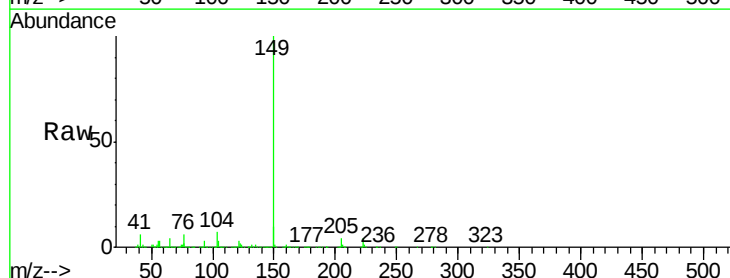
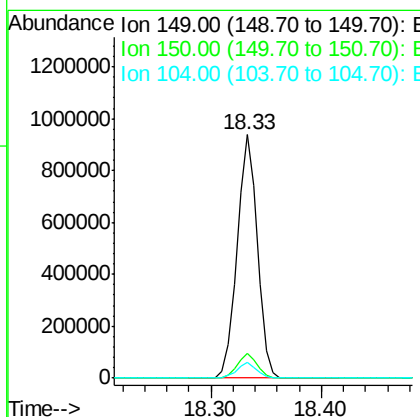
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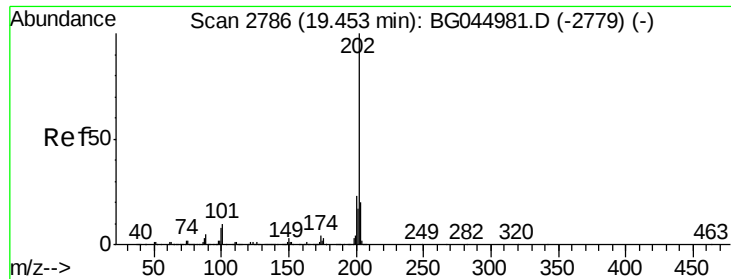
mohammad
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#74
 Di-n-butylphthalate
 Concen: 37.78 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Tgt Ion:149 Resp: 1202199
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.2 12.2
 104 6.5 4.8 7.2





#75

Fluoranthene

Concen: 39.51 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Instrument :

BNA_G

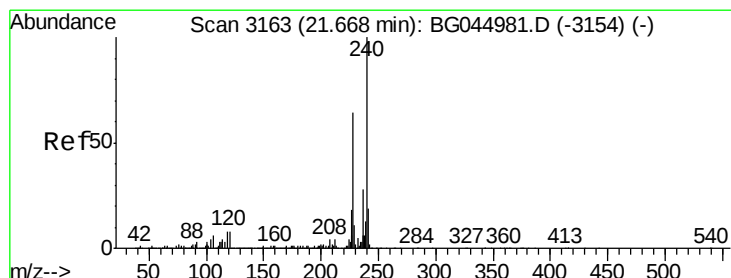
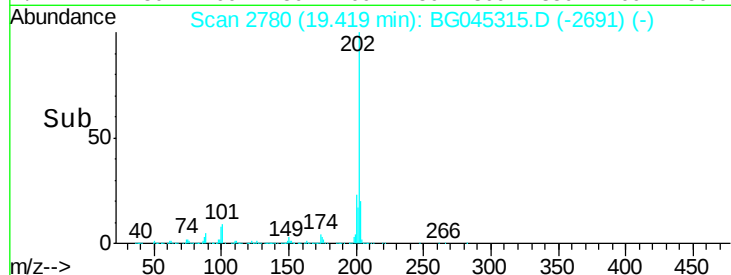
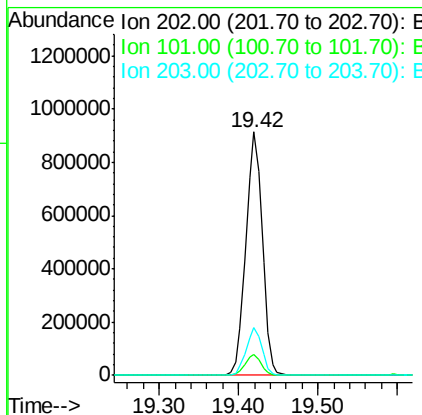
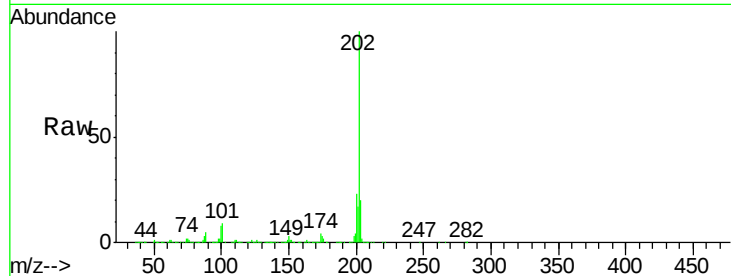
ClientSampleId :

TP-12AMS

Tgt	Ion:202	Resp: 1324671	
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.6
203	19.7	0.0	39.7

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#76

Chrysene-d12

Concen: 20.00 ng

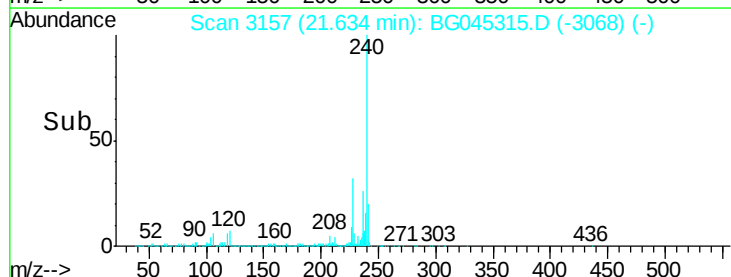
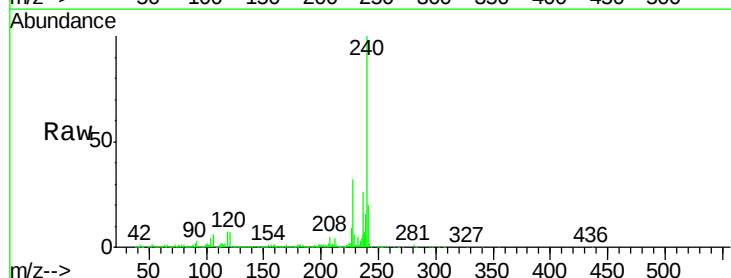
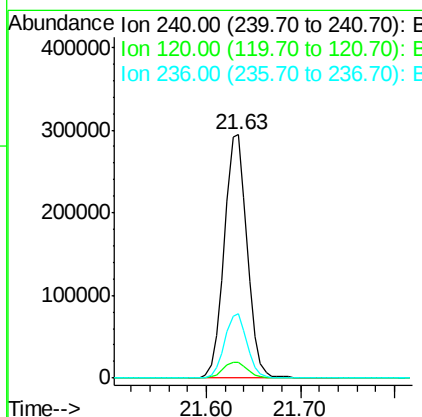
RT: 21.63 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Tgt	Ion:240	Resp: 498667	
Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.6	10.0#
236	26.4	22.2	33.2





#77

Benzidine

Concen: 59.43 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Instrument :

BNA_G

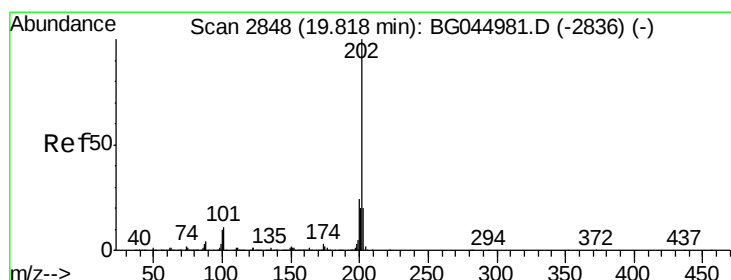
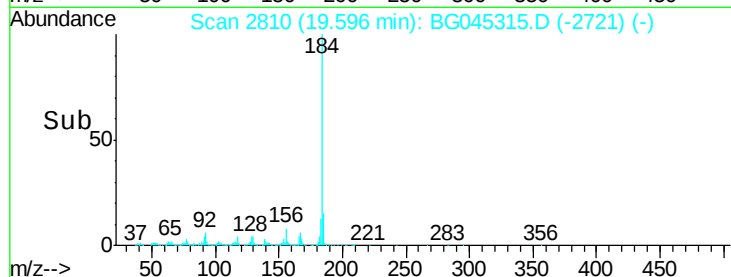
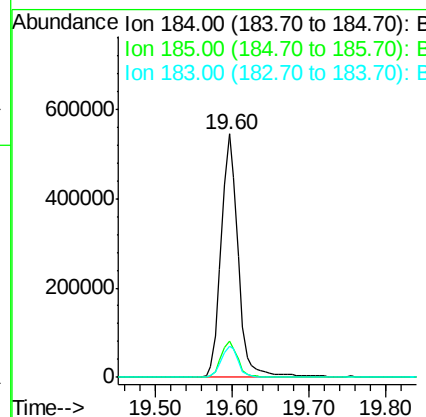
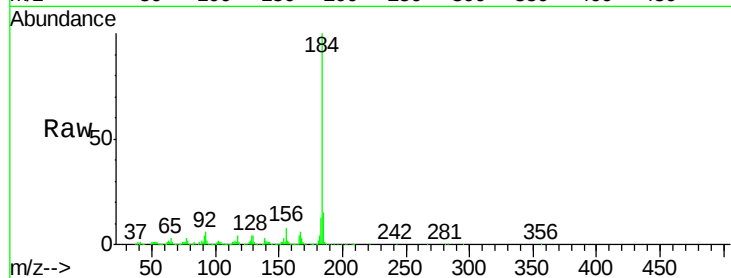
ClientSampleId :

TP-12AMS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	830787		
185	14.8	12.6	19.0	
183	13.0	11.3	16.9	

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#78

Pyrene

Concen: 37.92 ng

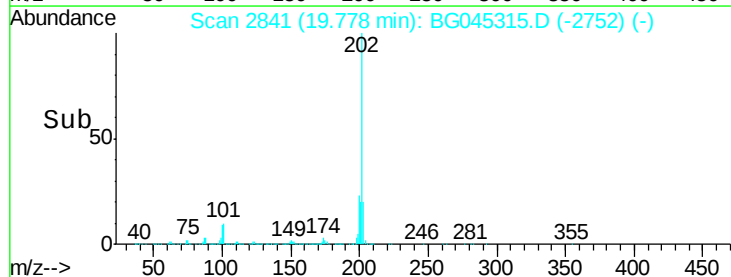
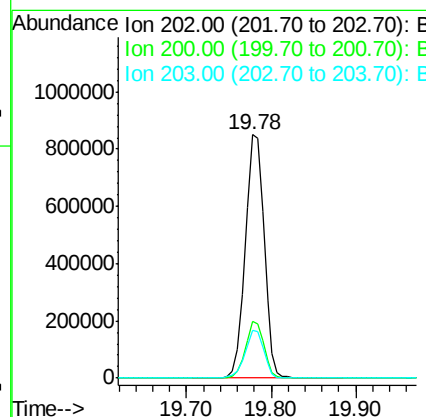
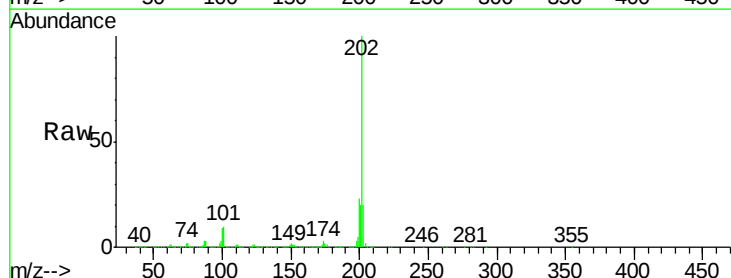
RT: 19.78 min Scan# 2841

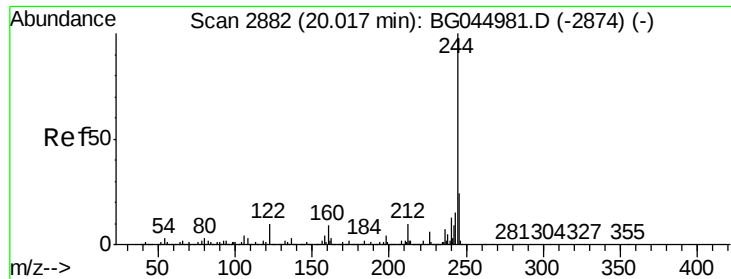
Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1303513		
200	23.3	19.0	28.6	
203	19.7	16.1	24.1	





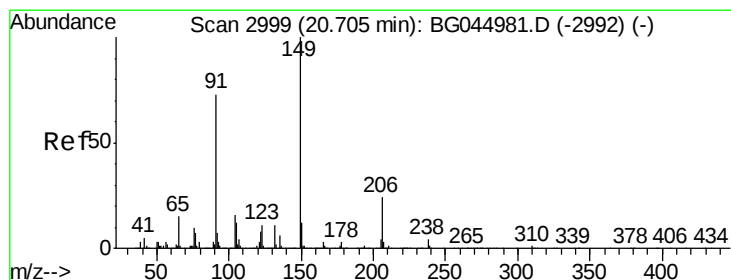
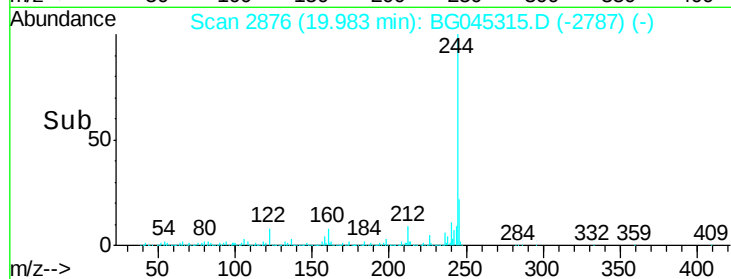
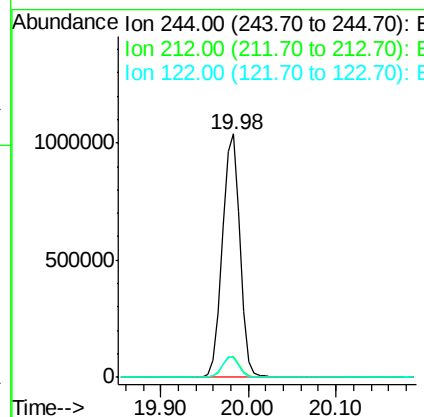
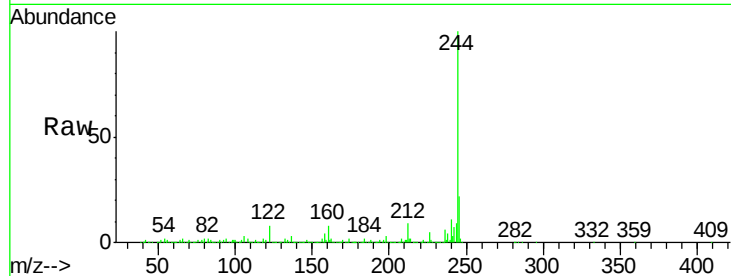
#79
 Terphenyl-d14
 Concen: 63.68 ng
 RT: 19.98 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.9	11.9
122	8.0	7.7	11.5

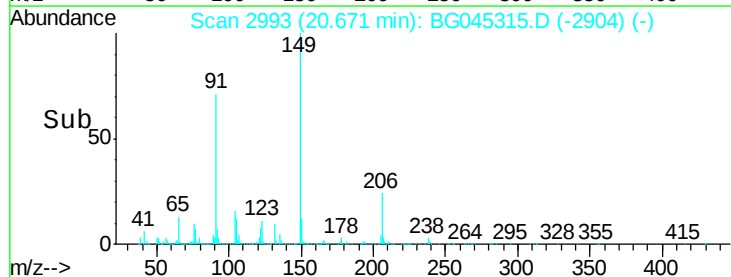
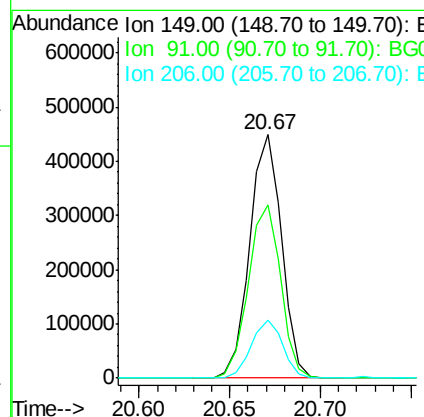
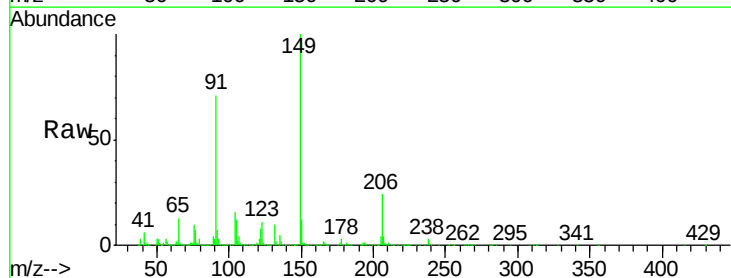
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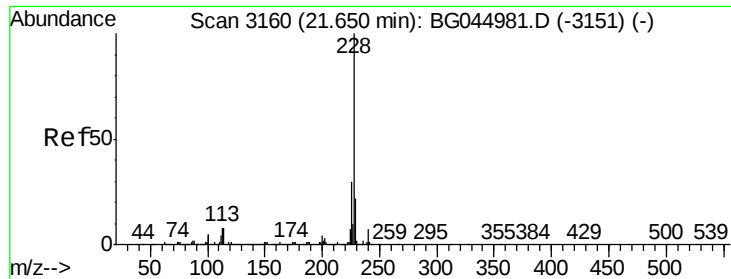
mohammad
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#80
 Butylbenzylphthalate
 Concen: 38.55 ng
 RT: 20.67 min Scan# 2993
 Delta R.T. -0.01 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.4	58.5	87.7
206	23.7	19.2	28.8





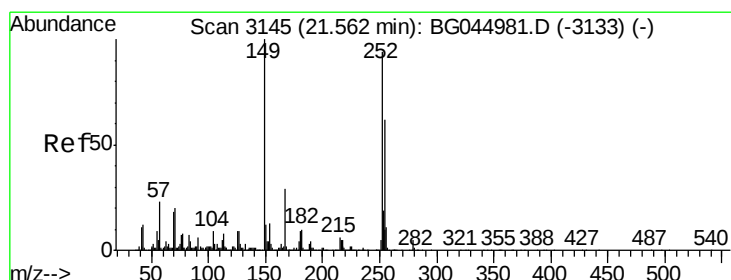
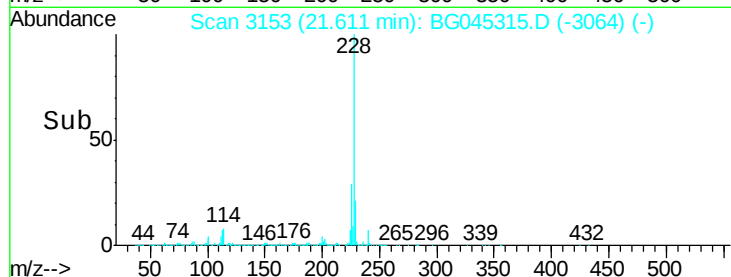
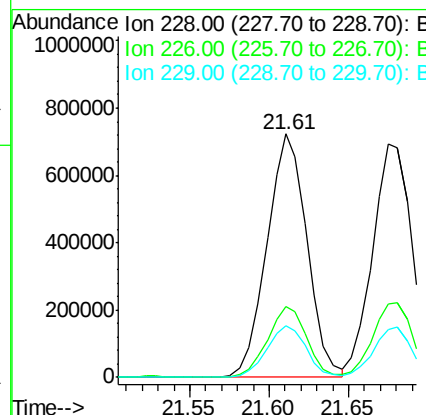
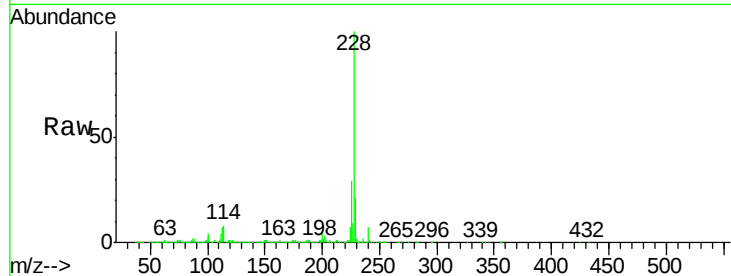
#81
Benzo(a)anthracene
Concen: 39.20 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	21.0	17.5	26.3

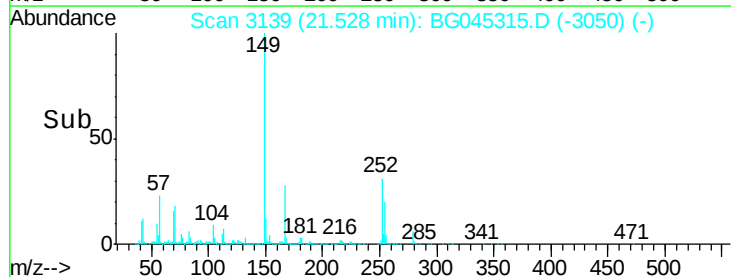
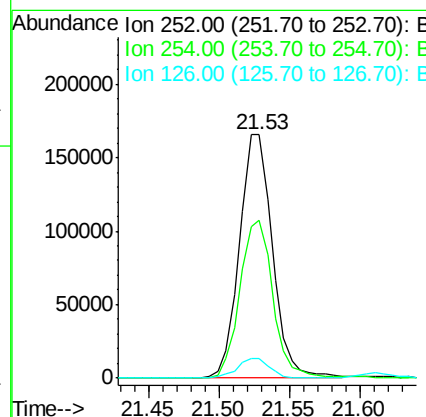
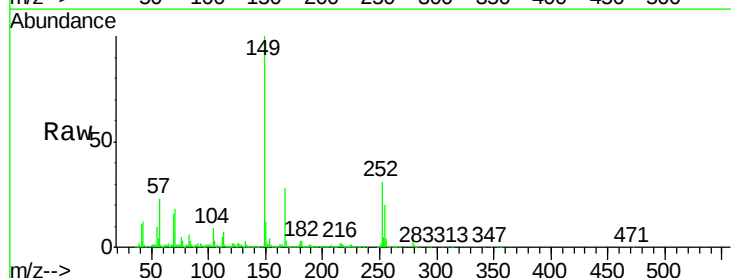
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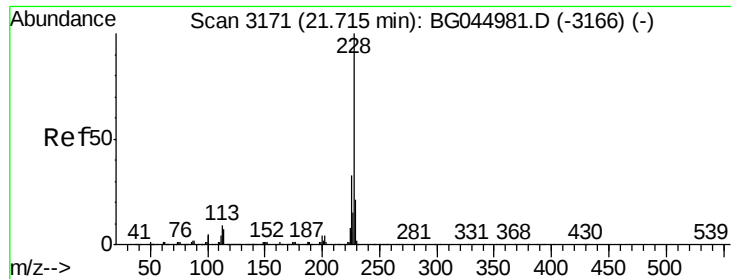
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 21.13 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.6	79.0
126	8.0	7.5	11.3





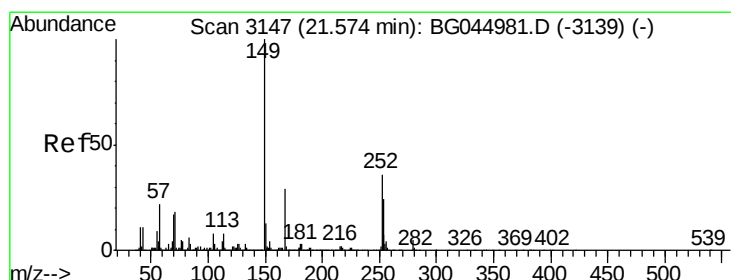
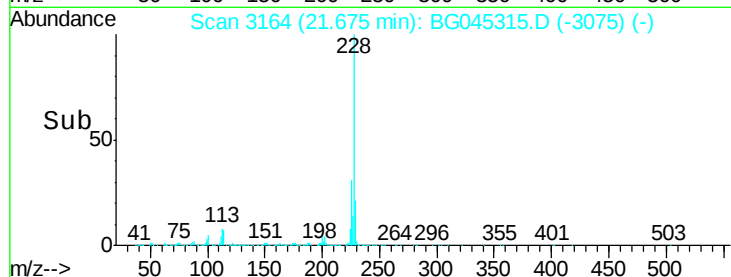
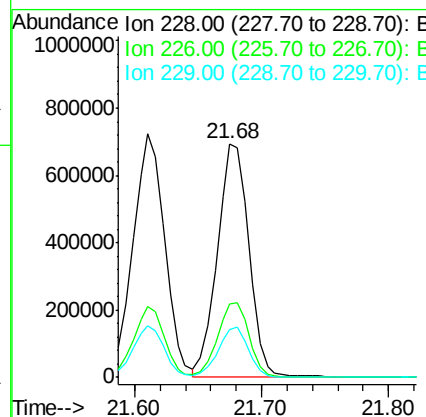
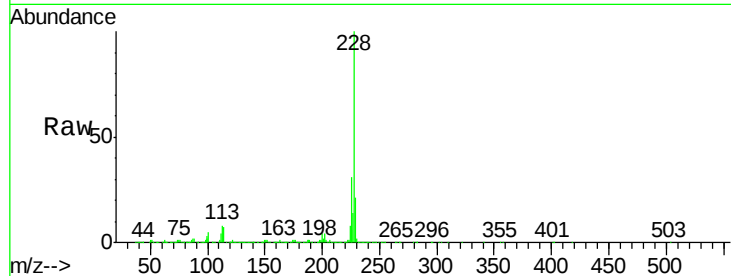
#83
 Chrysene
 Concen: 38.53 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	26.2	39.4
229	20.6	17.0	25.6

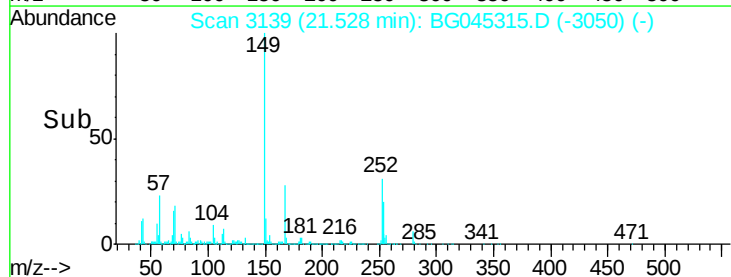
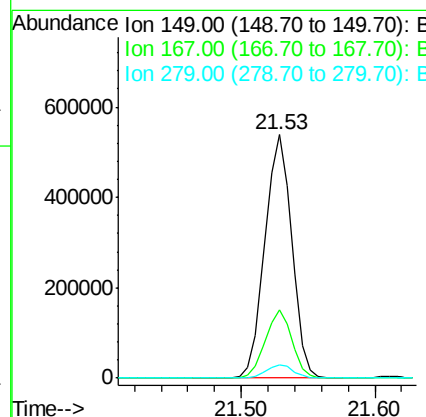
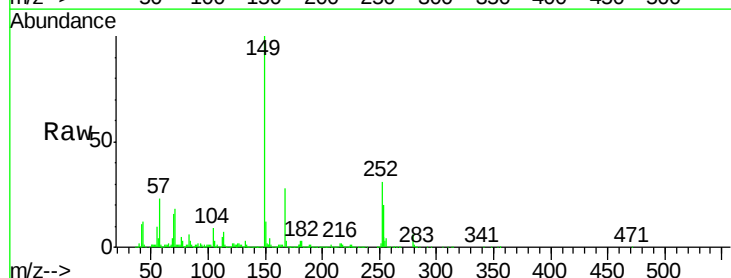
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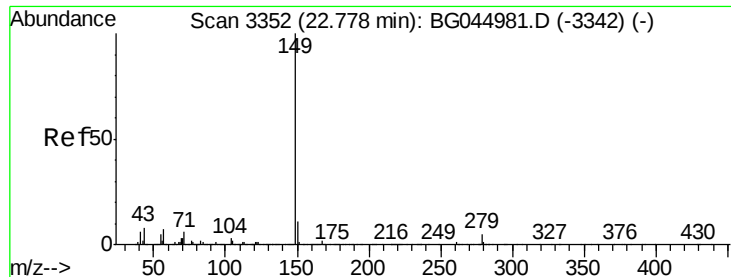
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.34 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG045315.D
 Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.4	35.0
279	5.6	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 38.20 ng

RT: 22.72 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Instrument :

BNA_G

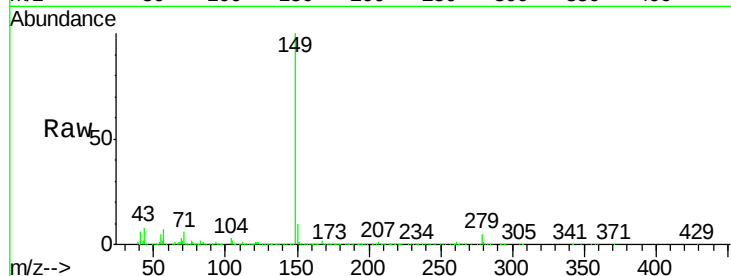
ClientSampleId :

TP-12AMS

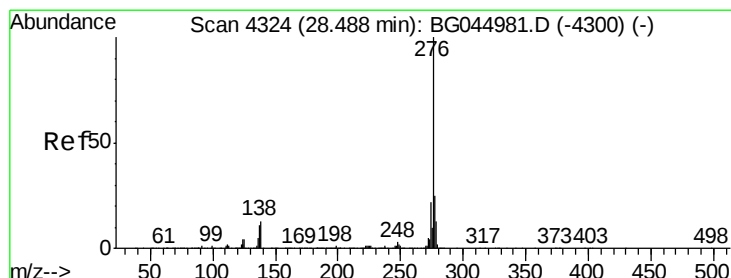
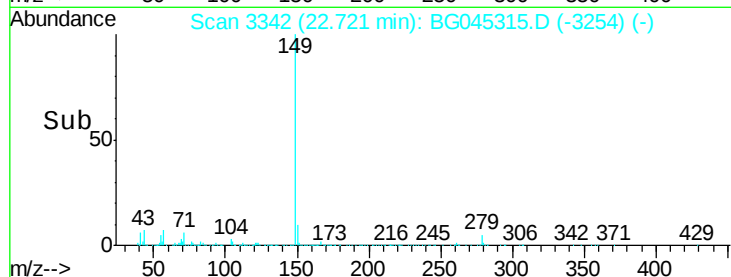
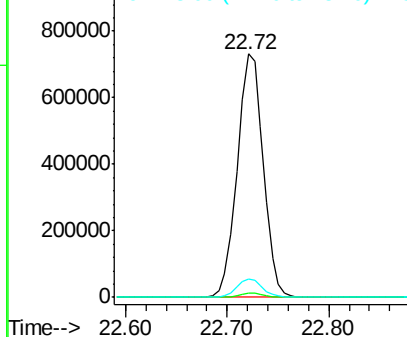
Tgt Ion:	149	Resp:	1294621
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.2
43	7.4	5.7	8.5

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.17 ng

RT: 28.40 min Scan# 4308

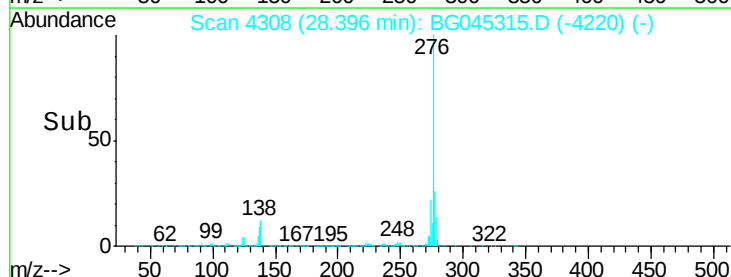
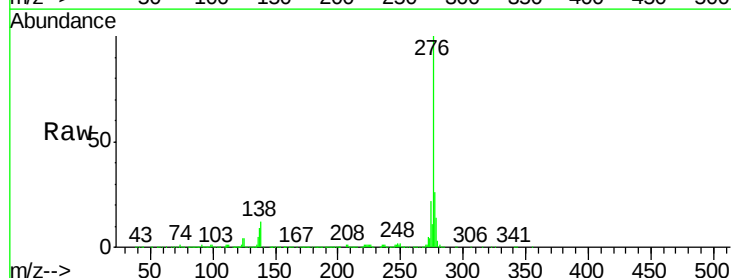
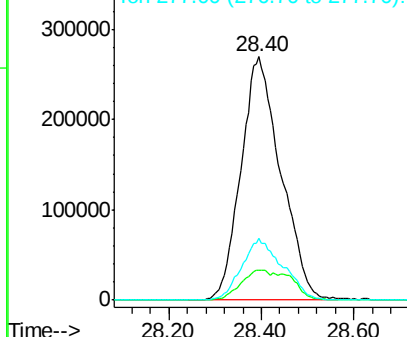
Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Tgt Ion:	276	Resp:	1614876
Ion Ratio	Lower	Upper	
276	100		
138	8.8	9.6	14.4#
277	25.9	20.6	31.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.79 min Scan# 3695

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Instrument :

BNA_G

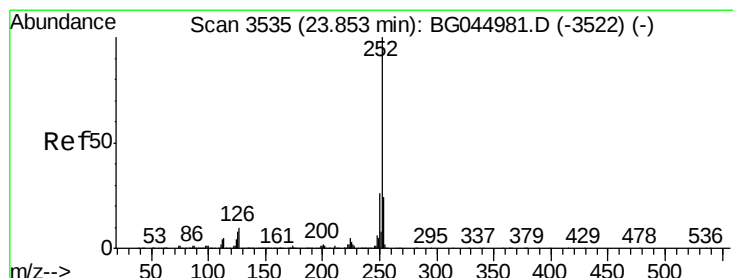
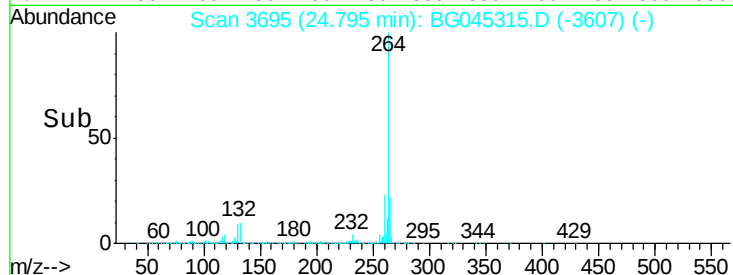
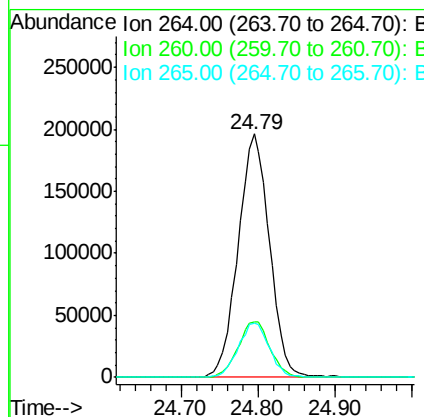
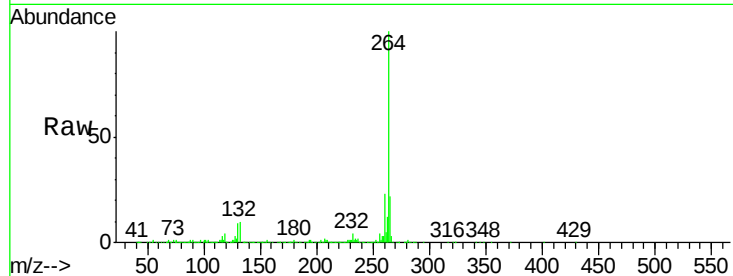
ClientSampleId :

TP-12AMS

Tgt Ion:	264	Resp:	558611
Ion Ratio		Lower	Upper
264	100		
260	22.7	19.2	28.8
265	22.1	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 37.62 ng

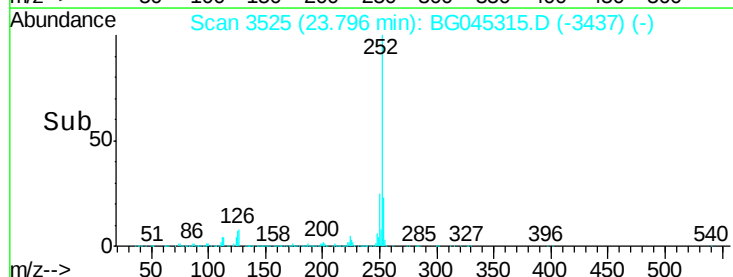
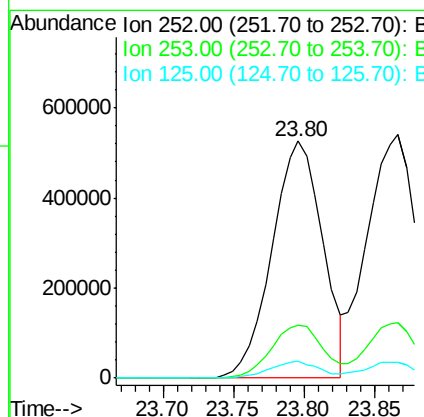
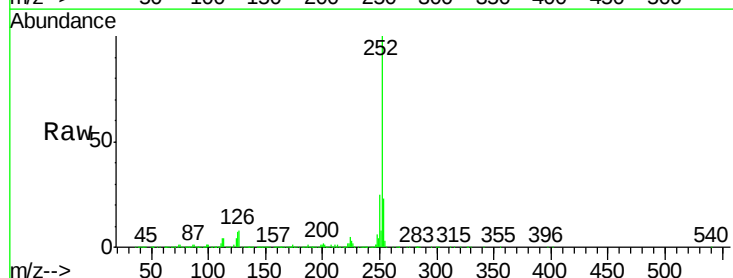
RT: 23.80 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BG045315.D

Acq: 12 May 2020 4:43

Tgt Ion:	252	Resp:	1316402
Ion Ratio		Lower	Upper
252	100		
253	22.6	18.8	28.2
125	7.1	6.2	9.4





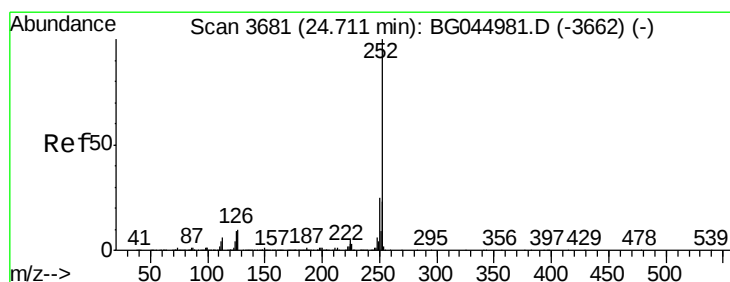
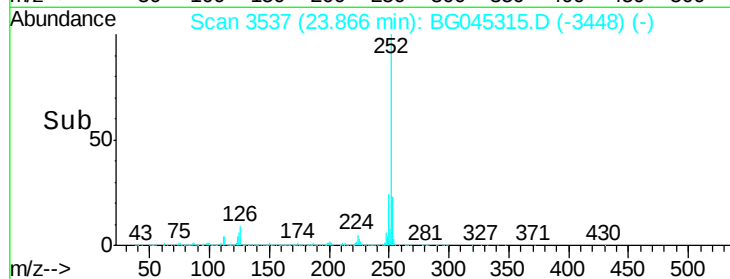
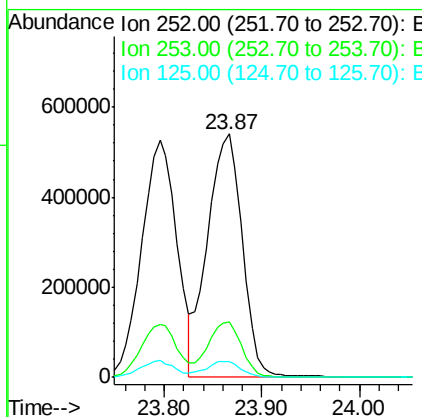
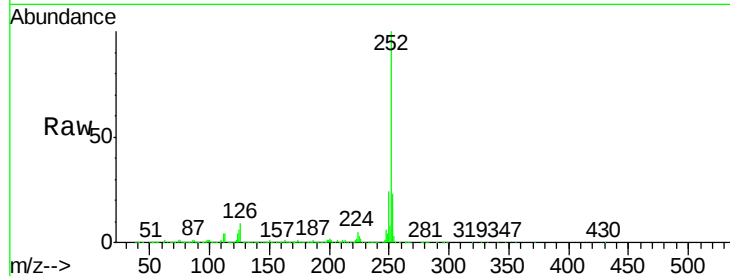
#89
Benzo(k)fluoranthene
Concen: 40.02 ng
RT: 23.87 min Scan# 3537
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.2	28.8
125	6.3	5.9	8.9

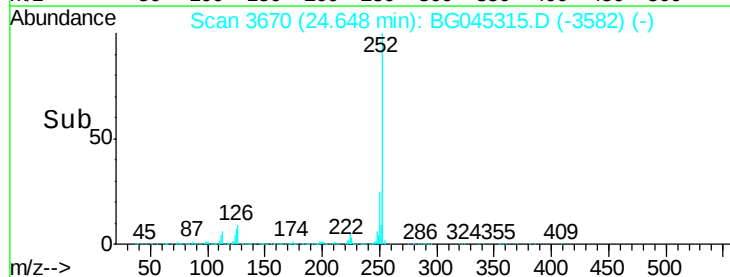
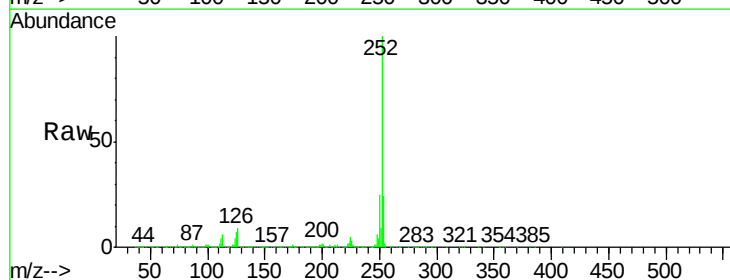
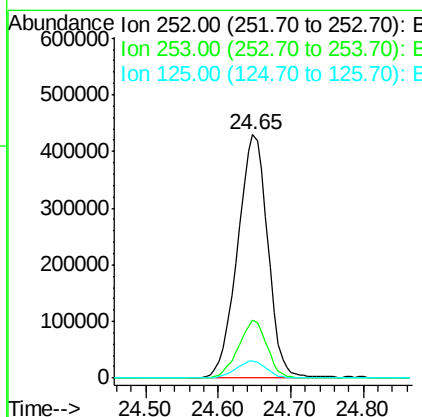
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#90
Benzo(a)pyrene
Concen: 37.66 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.3	27.5
125	7.0	7.0	10.6





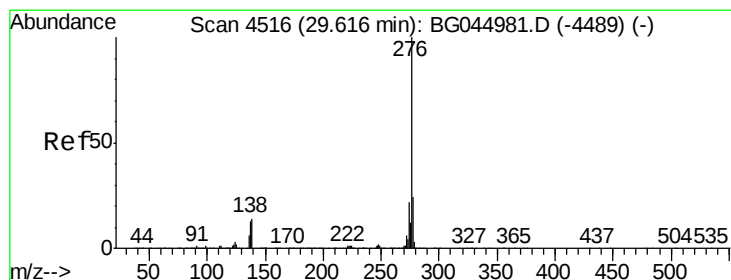
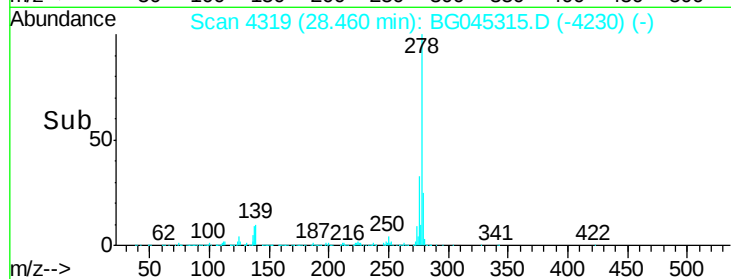
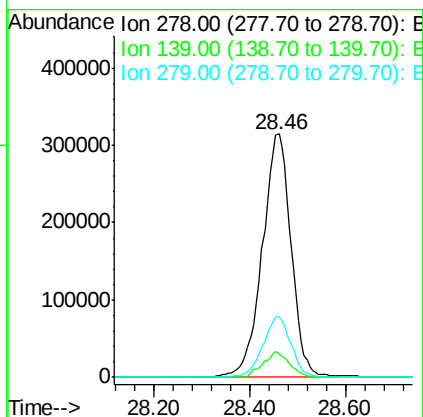
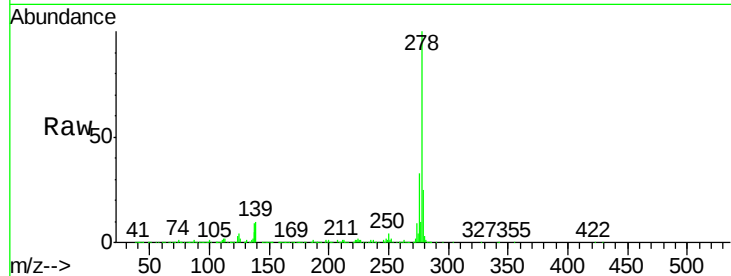
#91
Dibenzo(a,h)anthracene
Concen: 39.39 ng
RT: 28.46 min Scan# 4319
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Instrument :
BNA_G
ClientSampleId :
TP-12AMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.8	9.0	13.6
279	24.8	18.4	27.6

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#92
Benzo(g,h,i)perylene
Concen: 40.06 ng
RT: 29.52 min Scan# 4499
Delta R.T. -0.01 min
Lab File: BG045315.D
Acq: 12 May 2020 4:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.3	28.9
138	12.9	11.4	17.2

