

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045353.D
 Acq On : 13 May 2020 8:23
 Operator : CG/JU
 Sample : L2575-02MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD

Manual Integrations
 APPROVED

mohammad
 5/14/2020 11:54:09 AM

Quant Time: May 13 09:03:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	63388	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	259601	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	192052	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	456286	20.00	ng	0.00
76) Chrysene-d12	21.63	240	420013	20.00	ng	0.00
87) Perylene-d12	24.79	264	474151	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	449837	117.16	ng	0.00
7) Phenol-d6	7.14	99	652034	114.30	ng	0.00
23) Nitrobenzene-d5	9.13	82	405251	71.23	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	318349	107.30	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	950217	72.55	ng	0.00
79) Terphenyl-d14	19.98	244	1681258	87.25	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.42	88	57664	33.794	ng	95
3) Pyridine	3.82	79	136936	26.064	ng	93
4) n-Nitrosodimethylamine	3.73	42	60791	37.772	ng	100
6) Aniline	7.29	93	142877	19.263	ng	98
8) 2-Chlorophenol	7.54	128	168769	40.900	ng	98
9) Benzaldehyde	7.10	77	128560	39.986	ng	99
10) Phenol	7.17	94	231634	40.578	ng	98
11) bis(2-Chloroethyl)ether	7.39	93	155929	34.308	ng	99
12) 1,3-Dichlorobenzene	7.86	146	176425	36.283	ng	98
13) 1,4-Dichlorobenzene	8.01	146	179700	37.089	ng	98
14) 1,2-Dichlorobenzene	8.33	146	167047	36.038	ng	94
15) Benzyl Alcohol	8.21	79	173981	36.377	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.50	45	141447	31.705	ng	98
17) 2-Methylphenol	8.42	107	154460	35.070	ng	96
18) Hexachloroethane	9.06	117	70205	38.544	ng	97
19) n-Nitroso-di-n-propylamine	8.78	70	140881	34.921	ng	98
20) 3+4-Methylphenols	8.75	107	215872	35.017	ng	99
22) Acetophenone	8.79	105	262960	37.457	ng	98
24) Nitrobenzene	9.17	77	209934	35.998	ng	# 95
25) Isophorone	9.70	82	396011	33.989	ng	99
26) 2-Nitrophenol	9.89	139	97747	38.911	ng	96
27) 2,4-Dimethylphenol	9.95	122	156477	39.258	ng	96
28) bis(2-Chloroethoxy)methane	10.18	93	219696	35.888	ng	97
29) 2,4-Dichlorophenol	10.43	162	178792	38.847	ng	99
30) 1,2,4-Trichlorobenzene	10.65	180	186571	35.803	ng	97
31) Naphthalene	10.83	128	516160	36.346	ng	99
32) Benzoic acid	10.11	122	95046	31.972	ng	97
33) 4-Chloroaniline	10.94	127	66850	10.094	ng	98
34) Hexachlorobutadiene	11.13	225	130290	36.468	ng	97
35) Caprolactam	11.70	113	65882m	35.966	ng	
36) 4-Chloro-3-methylphenol	12.07	107	205423	37.994	ng	98
37) 2-Methylnaphthalene	12.44	142	392010	35.563	ng	98
38) 1-Methylnaphthalene	12.66	142	375381	36.073	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	216728	35.049	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	274167	70.939	nq	97
43) 2,4,6-Trichlorophenol	13.05	196	158270	36.266	nq	90
44) 2,4,5-Trichlorophenol	13.13	196	174189	35.065	nq	96
46) 1,1'-Biphenyl	13.45	154	512527	35.111	nq	100
47) 2-Chloronaphthalene	13.49	162	389571	34.927	nq	96
48) 2-Nitroaniline	13.68	65	130074	35.444	nq	98
49) Acenaphthylene	14.34	152	665167	36.612	nq	99
50) Dimethylphthalate	14.07	163	682164	43.623	nq	98
51) 2,6-Dinitrotoluene	14.18	165	125298	35.823	nq	96
52) Acenaphthene	14.68	154	499803m	40.660	nq	
53) 3-Nitroaniline	14.51	138	54174	14.122	nq	# 91
54) 2,4-Dinitrophenol	14.72	184	157140	75.554	nq	92
55) Dibenzofuran	15.02	168	639484	35.683	nq	99
56) 4-Nitrophenol	14.84	139	213036	71.623	nq	94
57) 2,4-Dinitrotoluene	14.98	165	180302	35.273	nq	96
58) Fluorene	15.66	166	526981	36.000	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	162564	36.779	nq	98
60) Diethylphthalate	15.44	149	569189	34.911	nq	99
61) 4-Chlorophenyl-phenylether	15.66	204	291597	34.608	nq	98
62) 4-Nitroaniline	15.68	138	122470	30.780	nq	93
63) Azobenzene	15.95	77	537464	35.756	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	117030	39.021	nq	92
66) n-Nitrosodiphenylamine	15.87	169	474095	36.163	nq	99
67) 4-Bromophenyl-phenylether	16.55	248	203843	34.629	nq	99
68) Hexachlorobenzene	16.67	284	220646	36.142	nq	99
69) Atrazine	16.82	200	184287	37.773	nq	95
70) Pentachlorophenol	17.02	266	264662	70.668	nq	96
71) Phenanthrene	17.40	178	871246	37.158	nq	99
72) Anthracene	17.50	178	892914	37.964	nq	100
73) Carbazole	17.76	167	823825	34.515	nq	97
74) Di-n-butylphthalate	18.33	149	998253	37.395	nq	99
75) Fluoranthene	19.42	202	1099065	39.066	nq	98
77) Benzidine	19.59	184	484168	39.006	nq	94
78) Pyrene	19.78	202	1085821	37.499	nq	98
80) Butylbenzylphthalate	20.66	149	451624	37.627	nq	99
81) Benzo(a)anthracene	21.61	228	1041793	38.269	nq	98
82) 3,3'-Dichlorobenzidine	21.52	252	174048	16.063	nq	95
83) Chrysene	21.67	228	983670	37.608	nq	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	624473	37.829	nq	97
85) Di-n-octyl phthalate	22.71	149	1064621	37.295	nq	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1318392	37.964	nq	# 97
88) Benzo(b)fluoranthene	23.79	252	1091682m	36.756	nq	
89) Benzo(k)fluoranthene	23.85	252	1079787	38.229	nq	97
90) Benzo(a)pyrene	24.64	252	1019329	36.350	nq	98
91) Dibenzo(a,h)anthracene	28.44	278	1075427	38.060	nq	97
92) Benzo(g,h,i)perylene	29.50	276	1085924	38.333	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.97 min Scan# 832

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

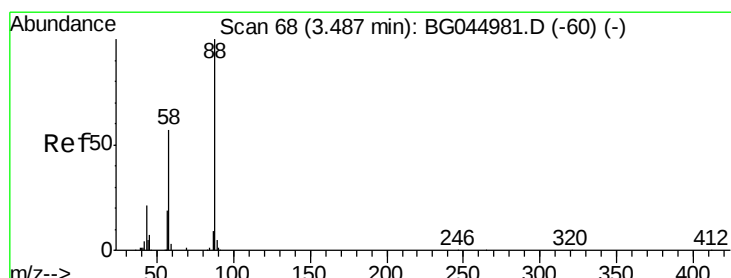
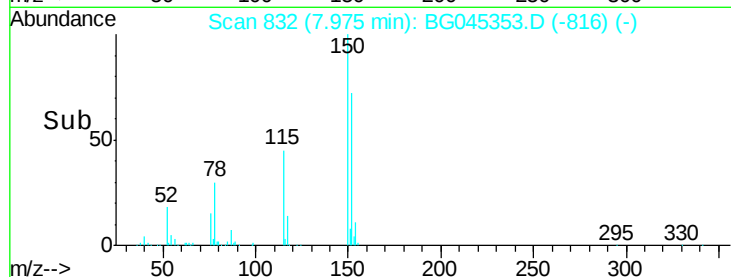
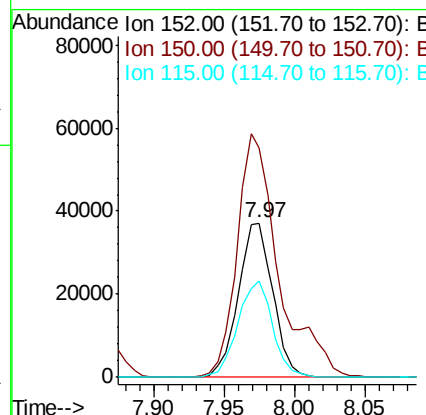
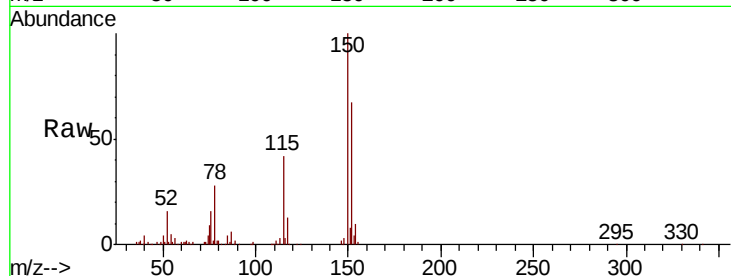
ClientSampleId :

TP-28MSD

Tot Ion:	152	Resp:	63388
Ion Ratio	Lower	Upper	
152	100		
150	149.1	123.6	185.4
115	62.5	49.1	73.7

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#2

1,4-Dioxane

Concen: 33.794 ng

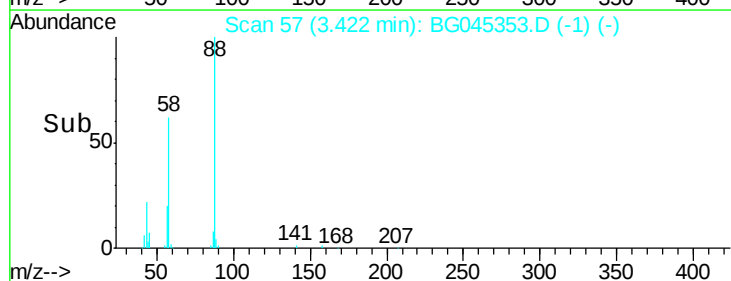
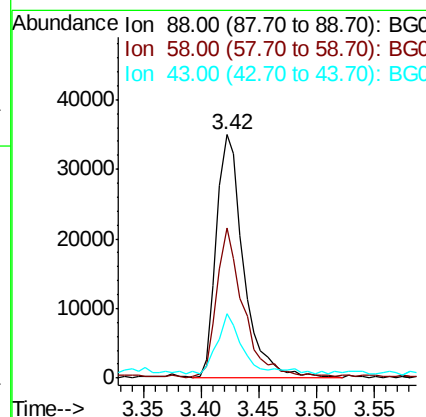
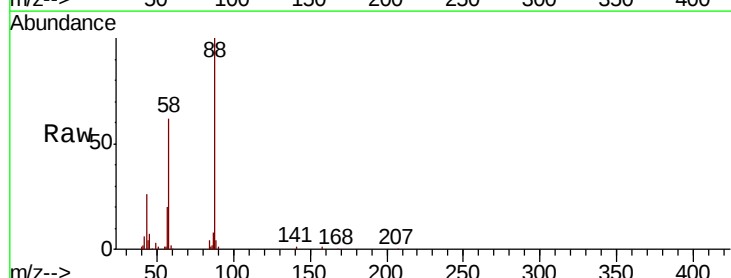
RT: 3.42 min Scan# 57

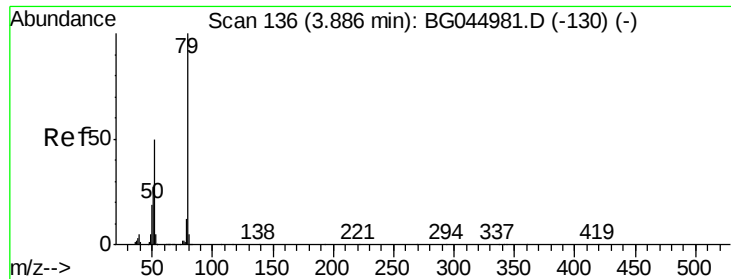
Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Tgt Ion:	88	Resp:	57664
Ion Ratio	Lower	Upper	
88	100		
58	62.5	46.6	69.8
43	22.8	17.5	26.3





#3

Pvridine

Concen: 26.064 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

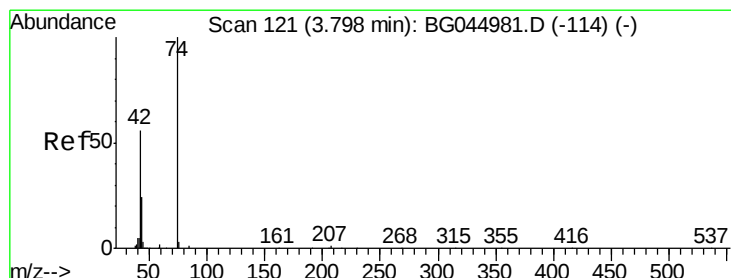
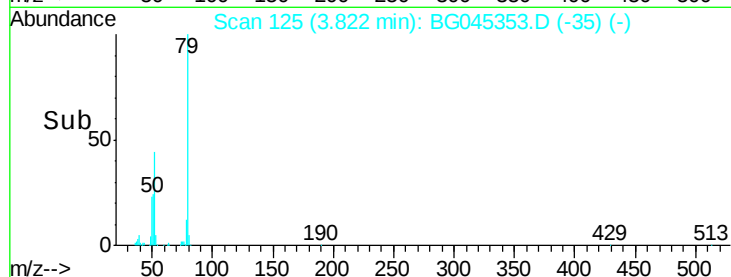
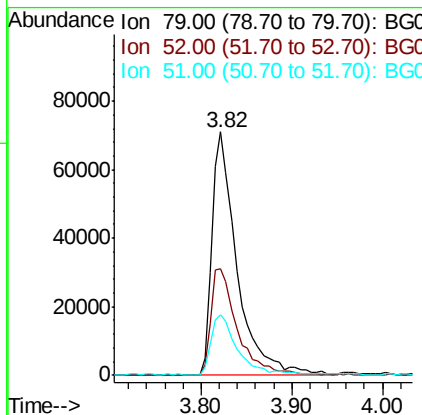
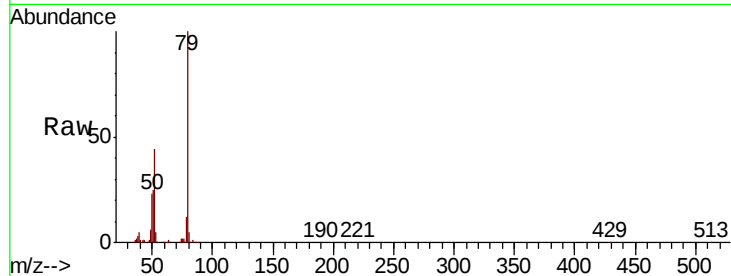
ClientSampleId :

TP-28MSD

Tot Ion:	79	Resp:	136936
Ion Ratio	Lower	Upper	
79	100		
52	43.6	39.8	59.6
51	24.7	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 37.772 ng

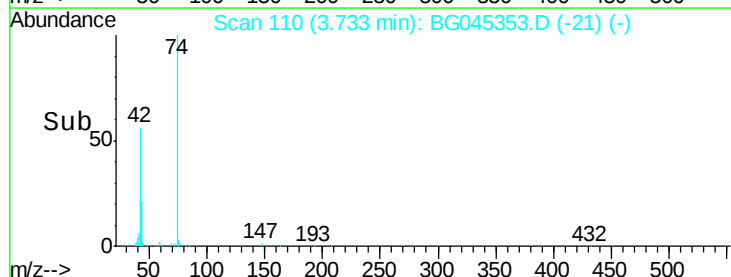
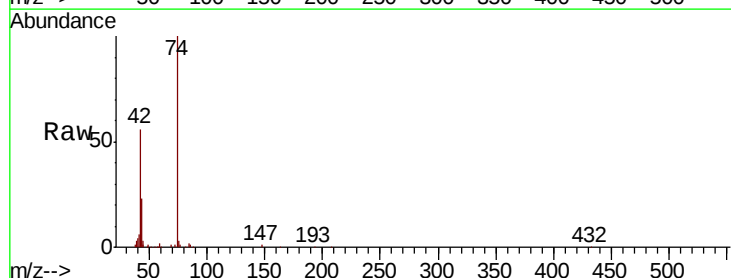
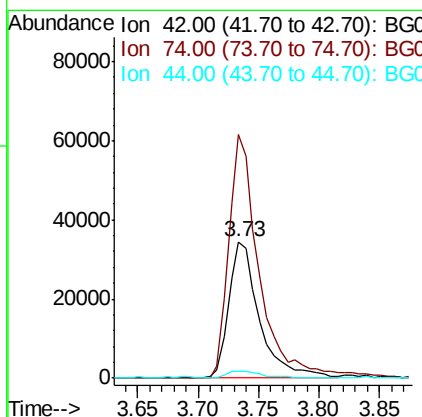
RT: 3.73 min Scan# 110

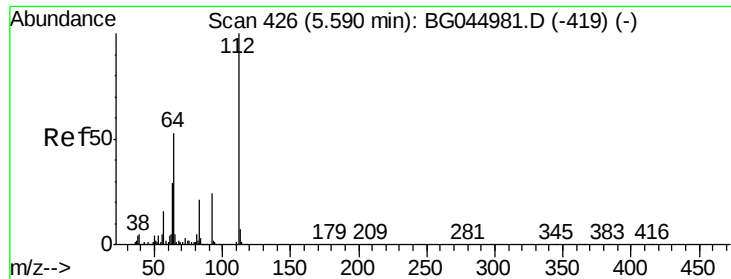
Delta R.T. -0.01 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Tgt Ion:	42	Resp:	60791
Ion Ratio	Lower	Upper	
42	100		
74	178.5	143.0	214.6
44	4.6	4.6	6.8





#5

2-Fluorophenol

Concen: 117.160 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

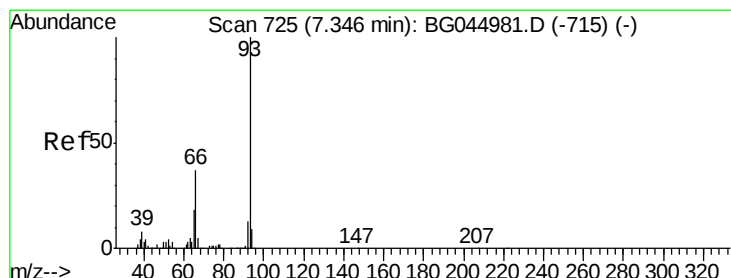
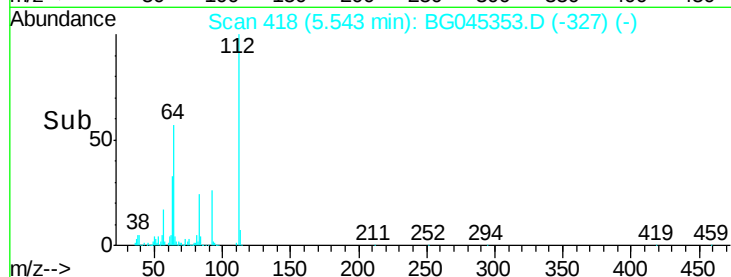
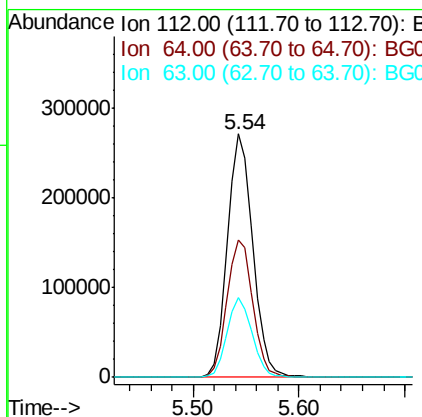
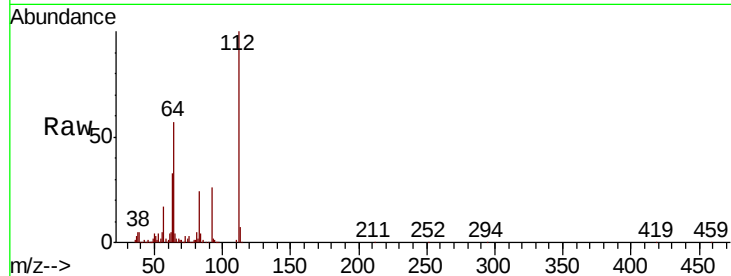
ClientSampleId :

TP-28MSD

Tot Ion:	112	Resp:	449837
Ion Ratio	Lower	Upper	
112	100		
64	56.7	42.4	63.6
63	33.0	23.1	34.7

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#6

Aniline

Concen: 19.263 ng

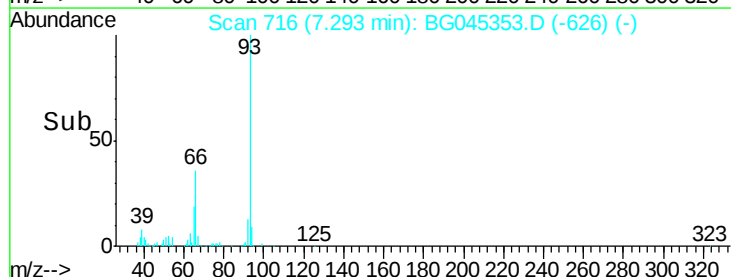
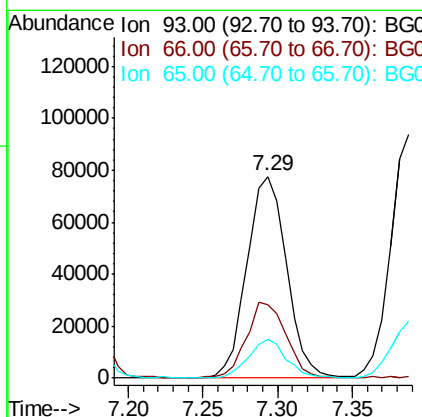
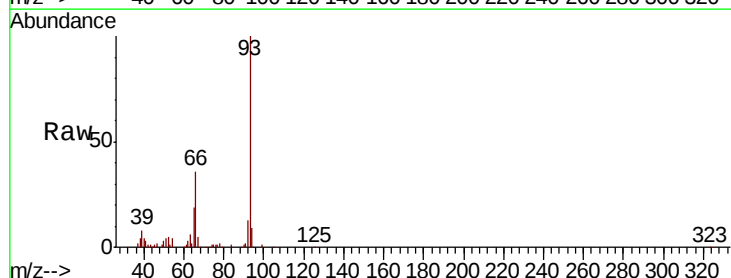
RT: 7.29 min Scan# 716

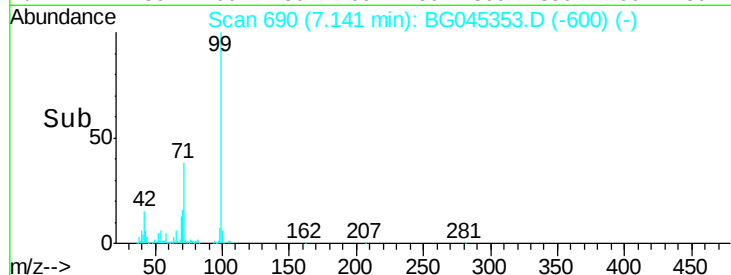
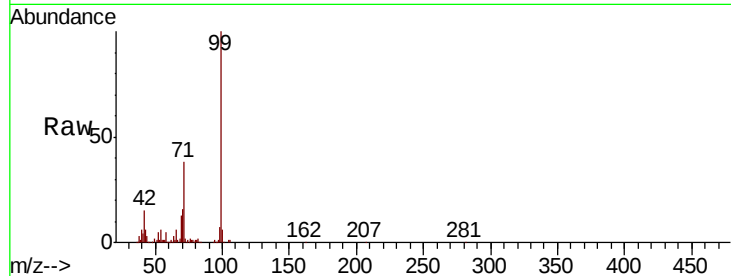
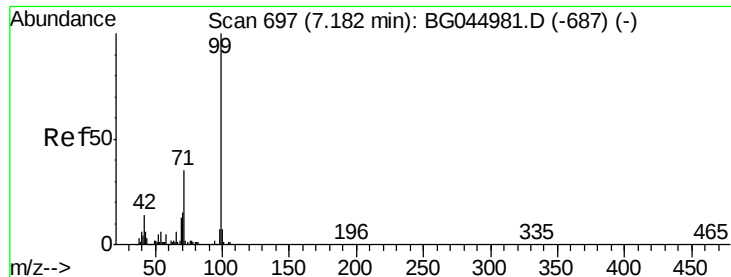
Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Tgt Ion:	93	Resp:	142877
Ion Ratio	Lower	Upper	
93	100		
66	36.3	29.8	44.8
65	19.4	14.6	22.0





#7

Phenol-d6

Concen: 114.301 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Tot Ion:	99	Resp:	652034
Ion Ratio	Lower	Upper	
99	100		
42	14.7	11.3	16.9
71	38.3	28.3	42.5

Instrument :

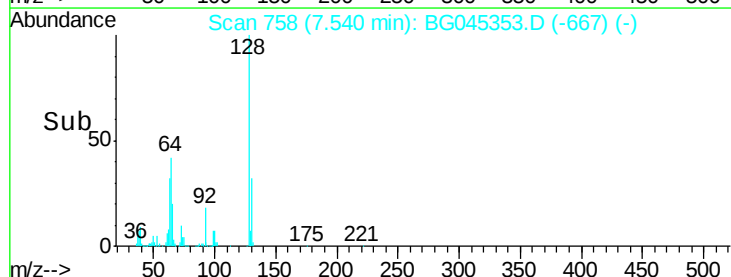
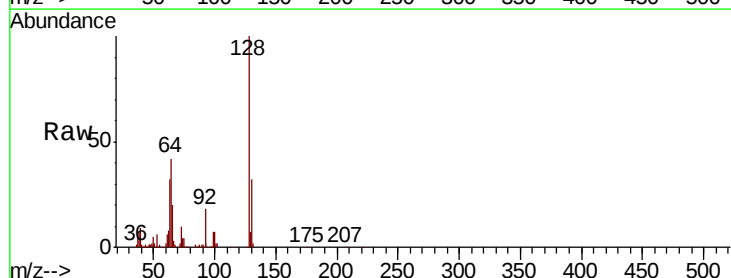
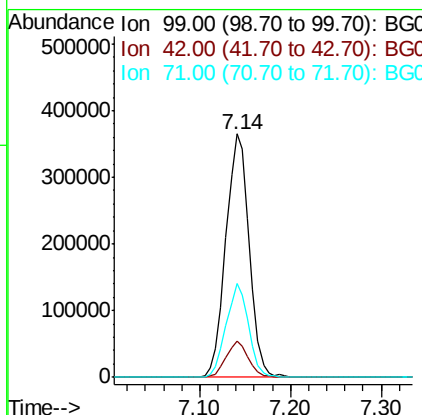
BNA_G

ClientSampled :

TP-28MSD

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#8

2-Chlorophenol

Concen: 40.900 ng

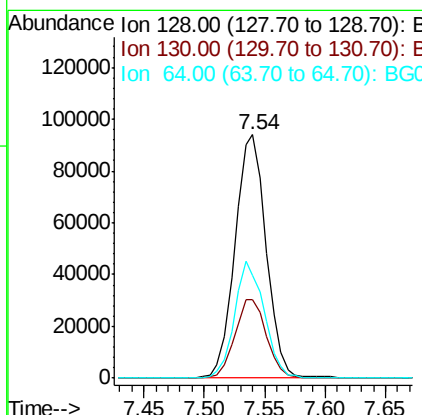
RT: 7.54 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Tgt Ion:	128	Resp:	168769
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.3	52.3
64	42.2	24.4	64.4





#9

Benzaldehyde

Concen: 39.986 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

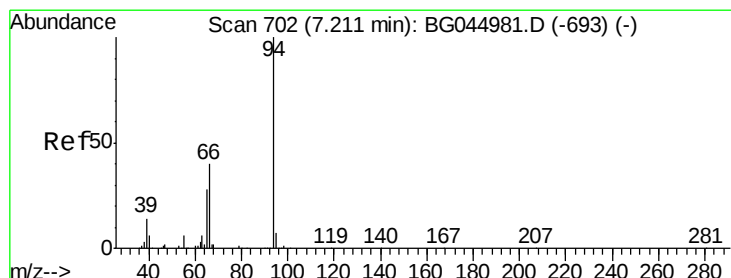
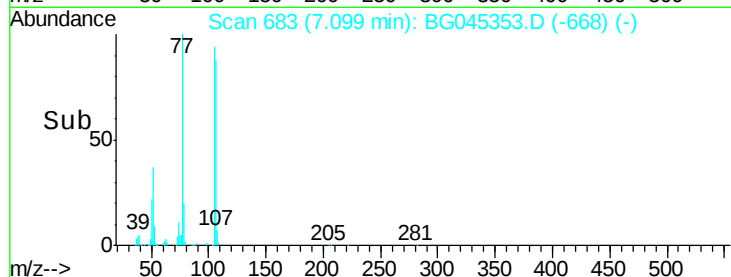
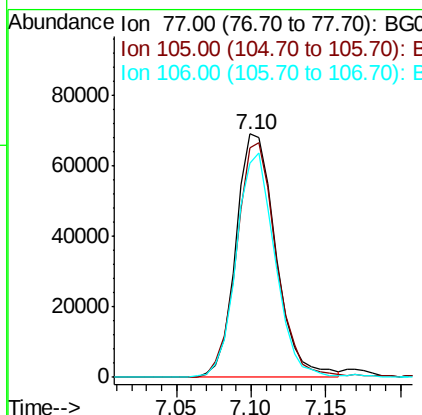
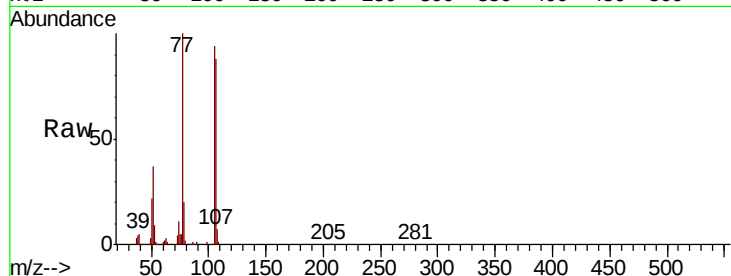
ClientSampleId :

TP-28MSD

Tot Ion:	77	Resp:	128560
Ion	Ratio	Lower	Upper
77	100		
105	94.2	72.9	112.9
106	88.1	67.6	107.6

Manual Integrations
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#10

Phenol

Concen: 40.578 ng

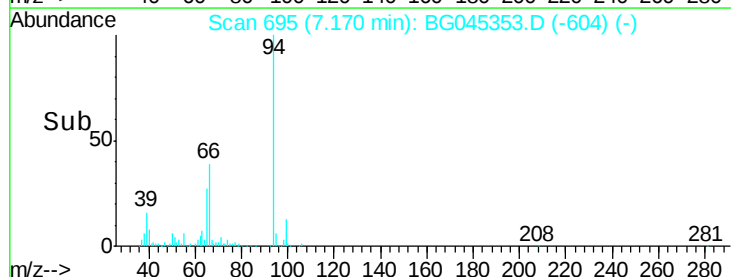
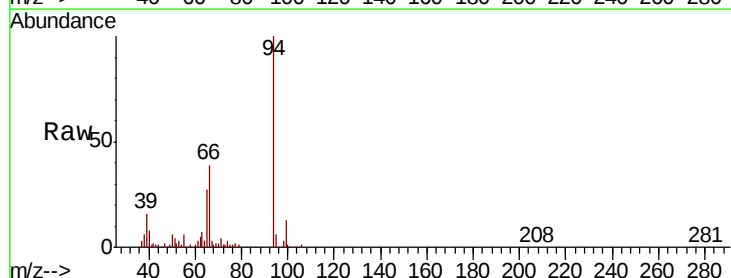
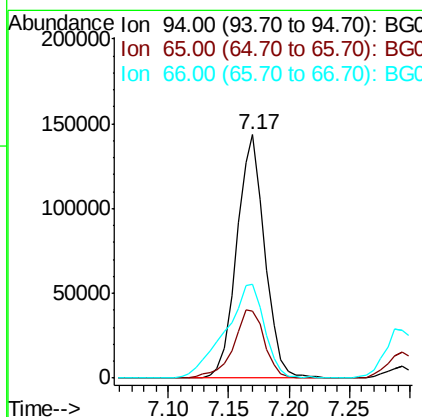
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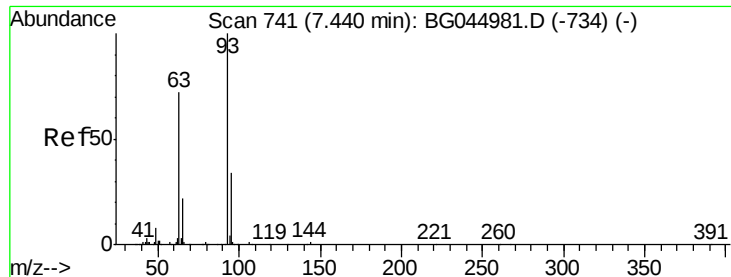
Delta R.T. 0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Tgt Ion:	94	Resp:	231634
Ion	Ratio	Lower	Upper
94	100		
65	27.4	8.2	48.2
66	38.5	20.4	60.4





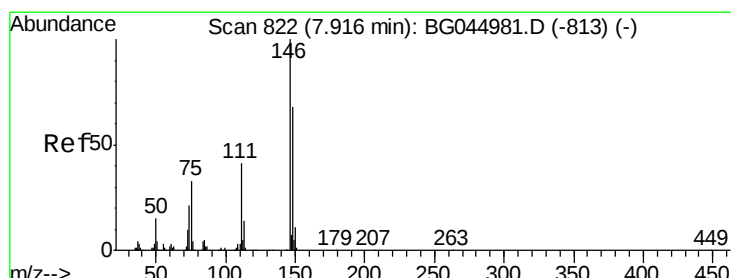
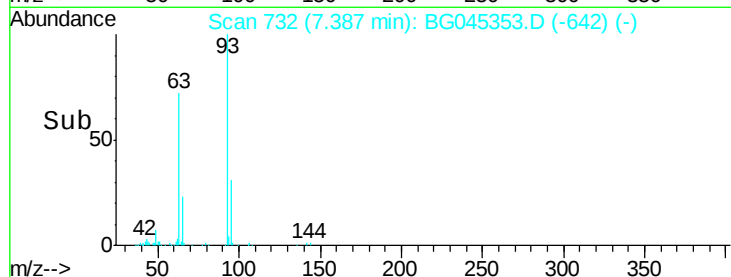
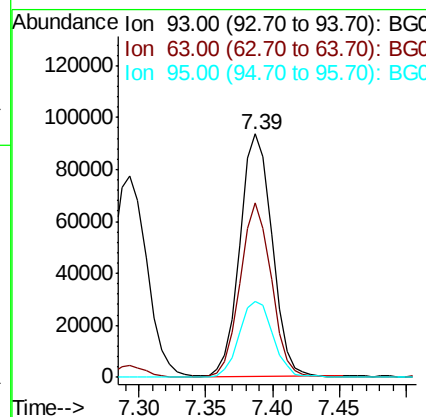
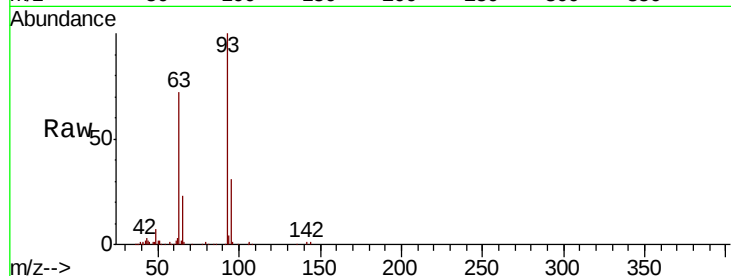
#11
bis(2-Chloroethyl)ether
Concen: 34.308 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tot Ion	93	Resp	155929
Ion Ratio	Lower	Upper	
93	100		
63	71.7	51.8	91.8
95	31.4	13.8	53.8

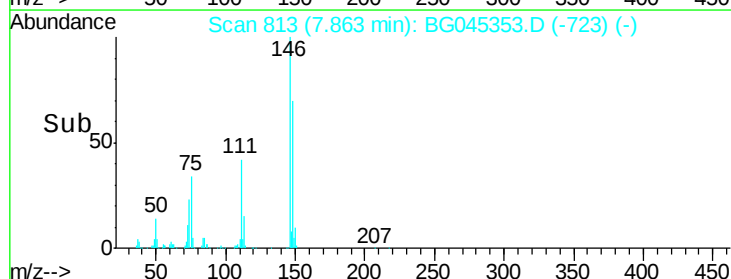
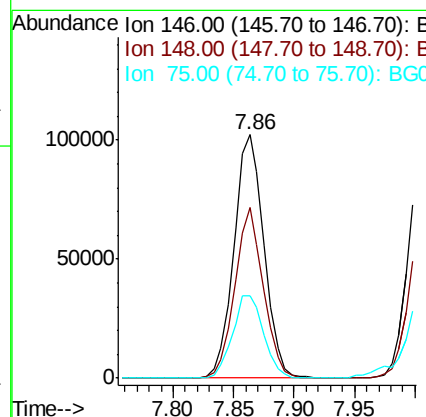
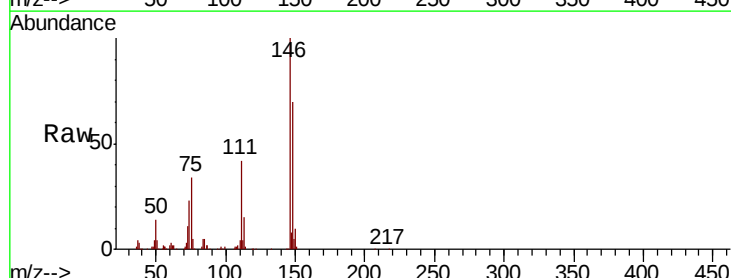
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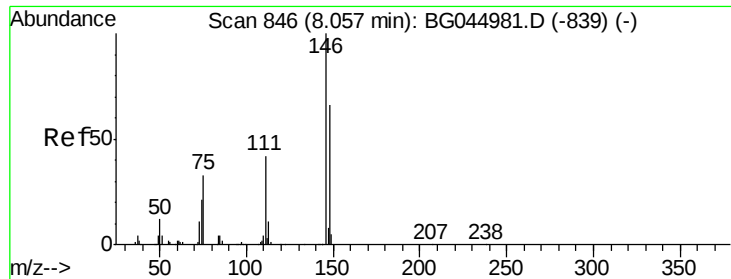
mohammad
5/14/2020 11:54:09 AM



#12
1,3-Dichlorobenzene
Concen: 36.283 ng
RT: 7.86 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	146	Resp	176425
Ion Ratio	Lower	Upper	
146	100		
148	69.9	54.6	81.8
75	34.1	26.0	39.0





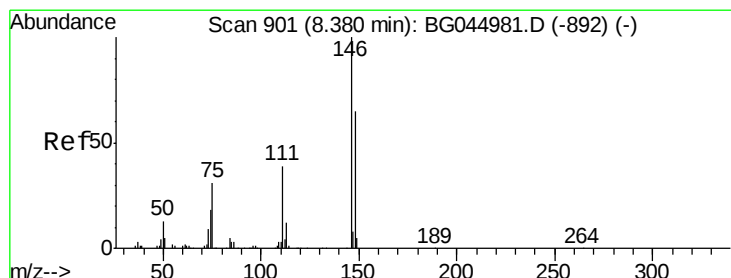
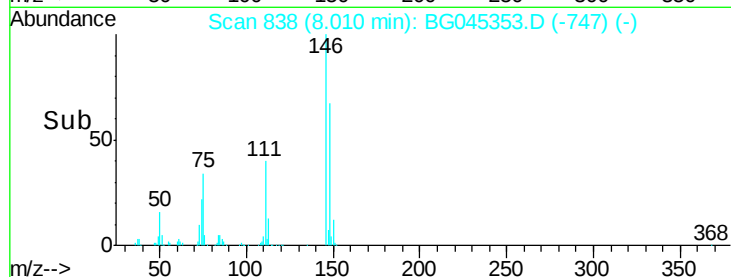
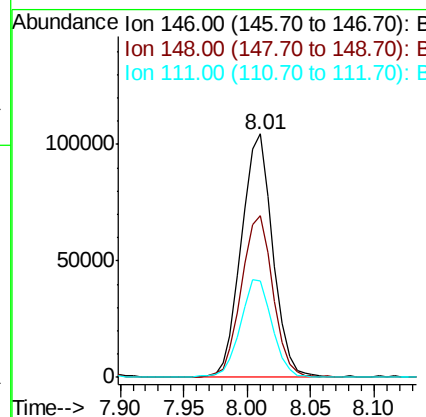
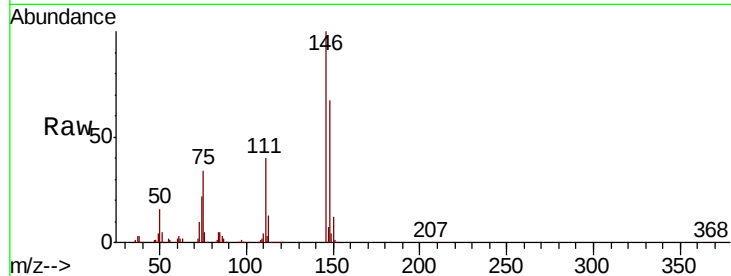
#13
 1,4-Dichlorobenzene
 Concen: 37.089 ng
 RT: 8.01 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Instrument :
 BNA_G
 ClientSampled :
 TP-28MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.3	79.9
111	39.7	33.8	50.8

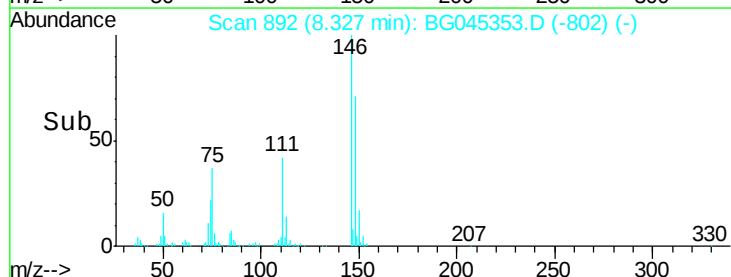
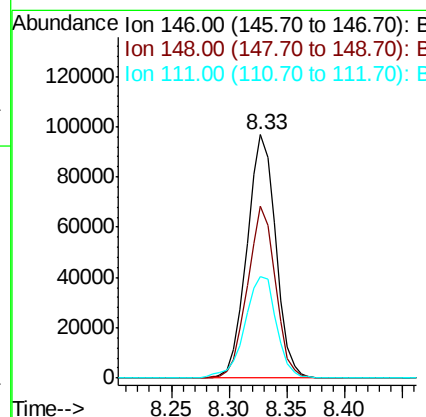
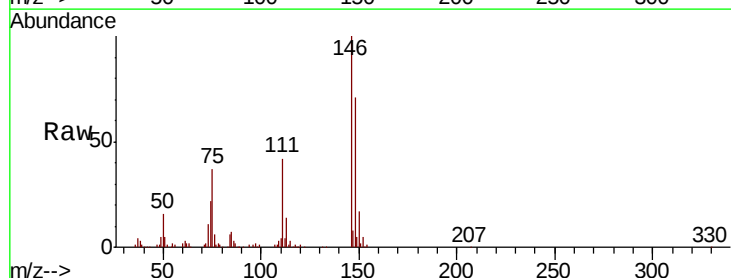
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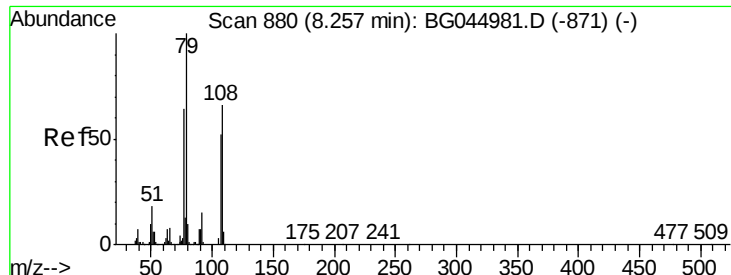
mohammad
 5/14/2020 11:54:09 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.038 ng
 RT: 8.33 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.8	51.9	77.9
111	41.9	31.3	46.9





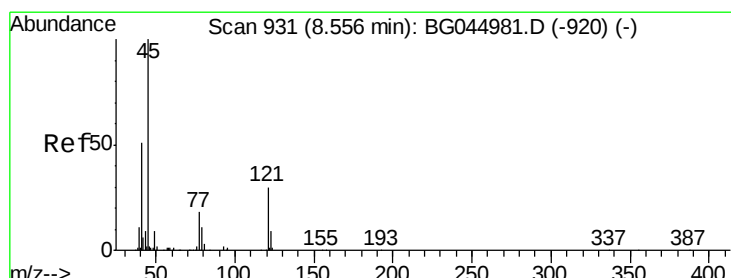
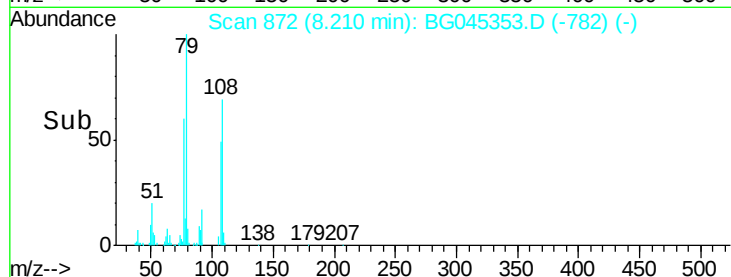
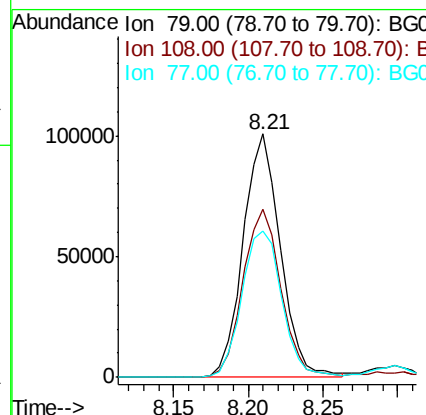
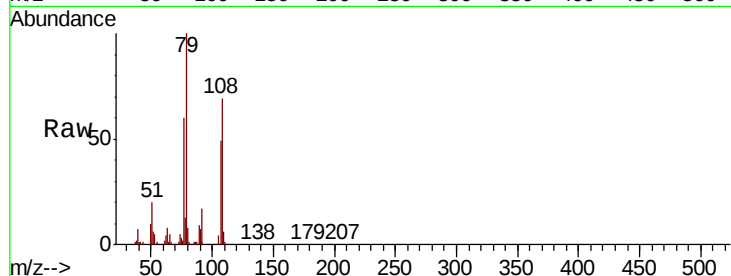
#15
Benzyl Alcohol
Concen: 36.377 ng
RT: 8.21 min Scan# 872
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampled :
TP-28MSD

Tot Ion:	79	Resp:	173981
Ion Ratio	Lower	Upper	
79	100		
108	69.0	52.7	79.1
77	60.3	51.3	76.9

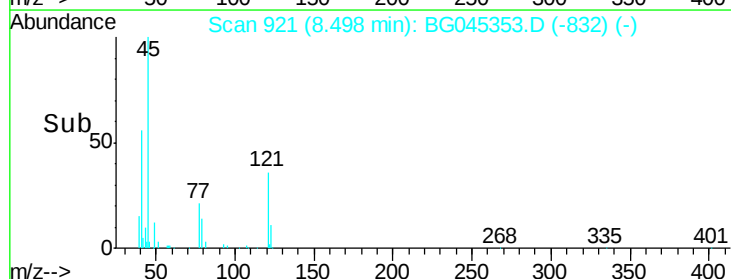
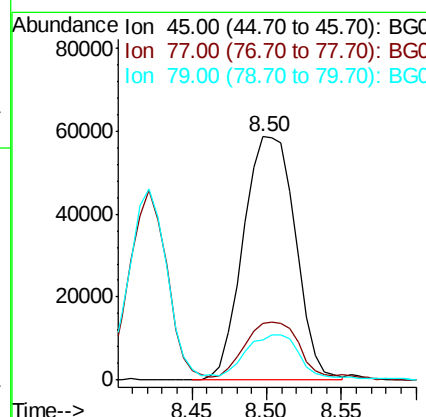
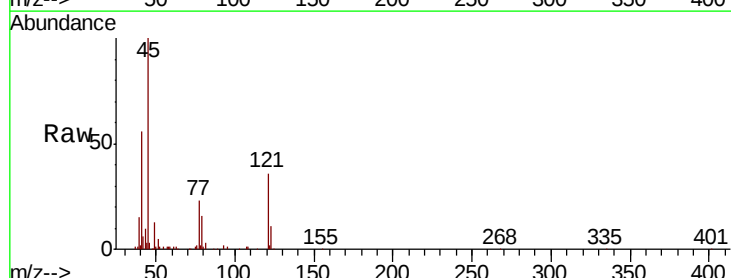
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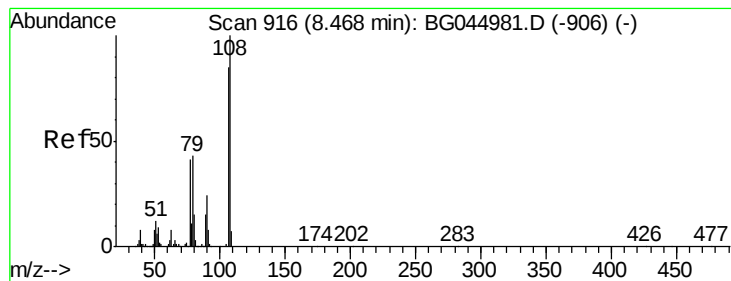
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.705 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion:	45	Resp:	141447
Ion Ratio	Lower	Upper	
45	100		
77	23.2	1.9	41.9
79	16.4	0.0	35.5





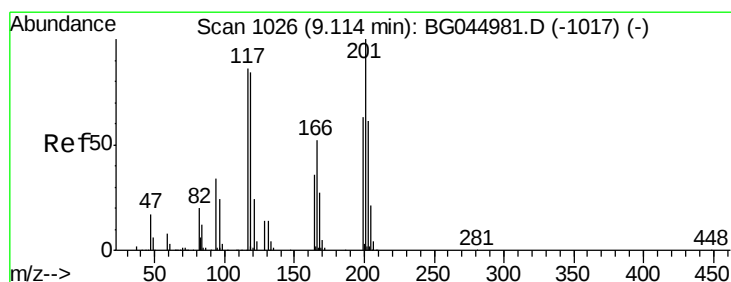
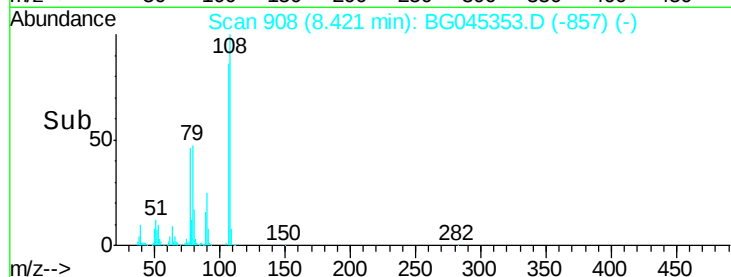
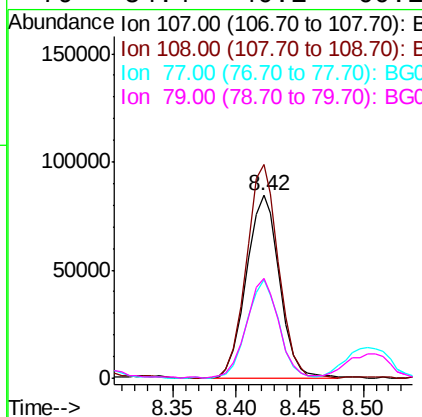
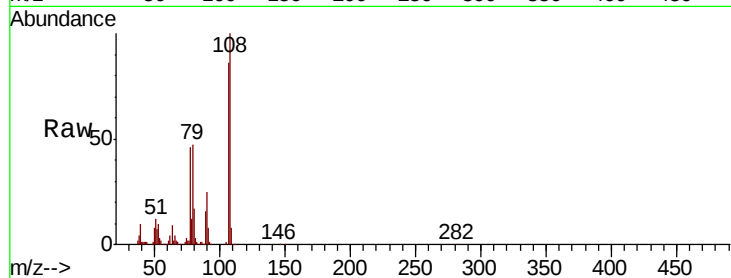
#17
2-Methylphenol
Concen: 35.070 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.7	93.8	140.6	
77	54.1	38.5	57.7	
79	54.4	40.1	60.1	

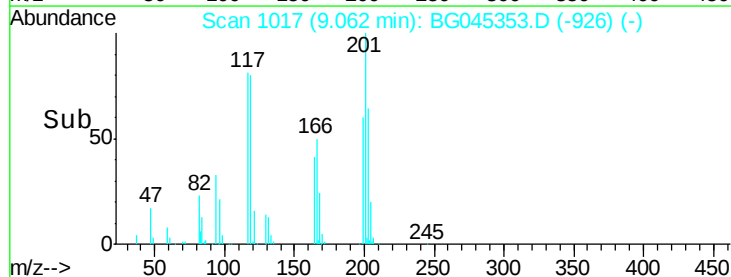
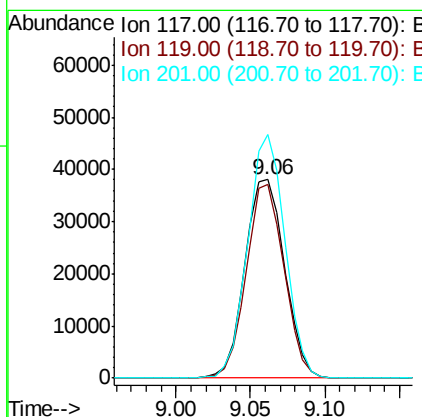
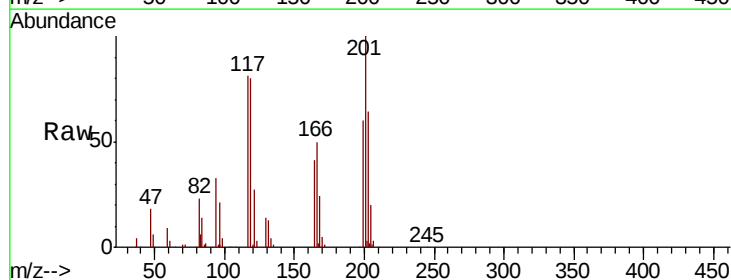
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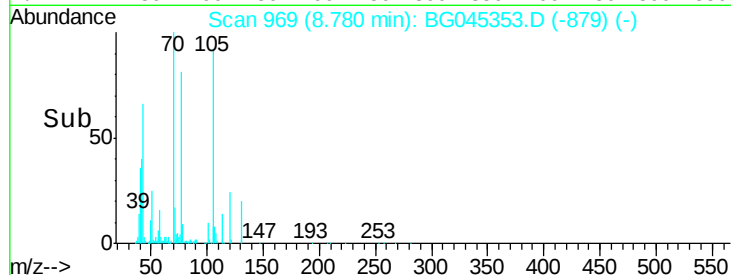
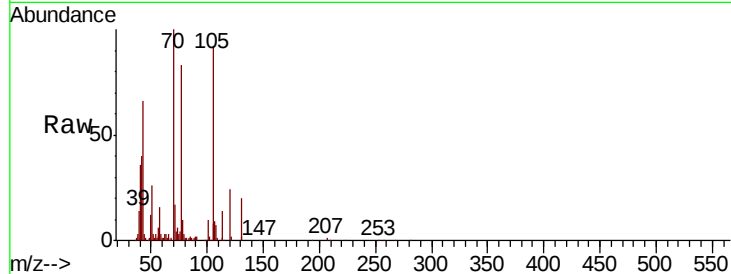
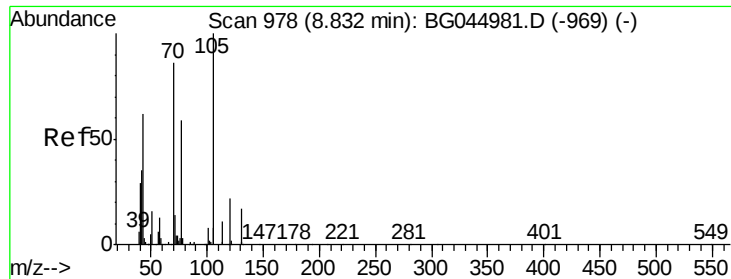
mohammad
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#18
Hexachloroethane
Concen: 38.544 ng
RT: 9.06 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	78.3	117.5	
201	122.7	92.9	139.3	





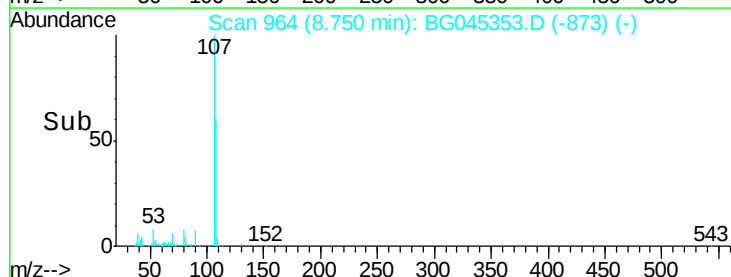
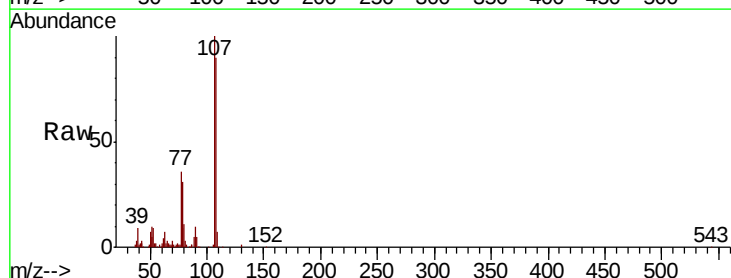
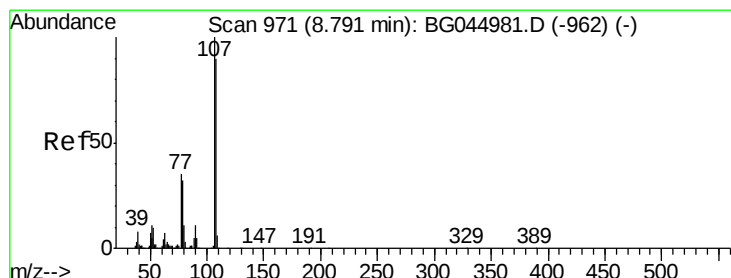
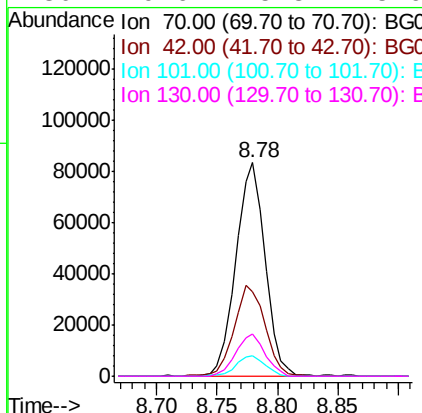
#19
n-Nitroso-di-n-propylamine
Concen: 34.921 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Manual Integrations
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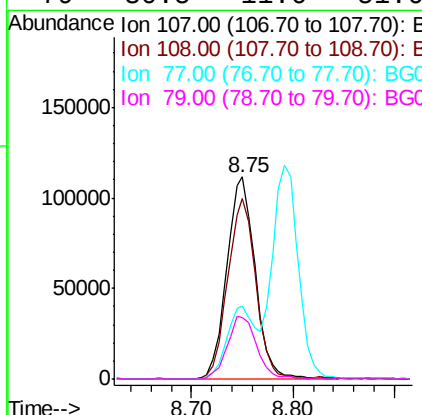
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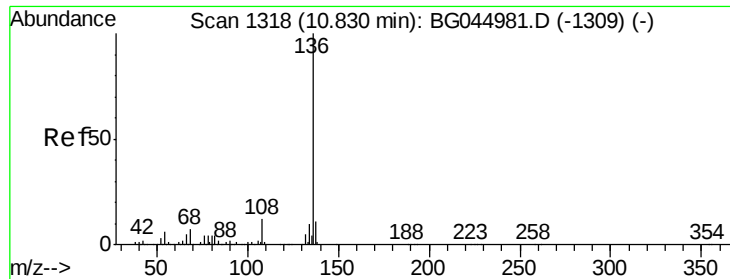
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	39.8	33.3	49.9	
101	9.6	7.8	11.8	
130	19.6	15.8	23.6	



#20
3+4-Methylphenols
Concen: 35.017 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	69.9	109.9	
77	36.0	15.2	55.2	
79	30.5	11.6	51.6	





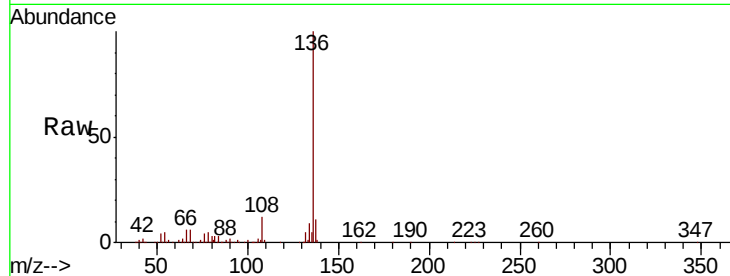
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

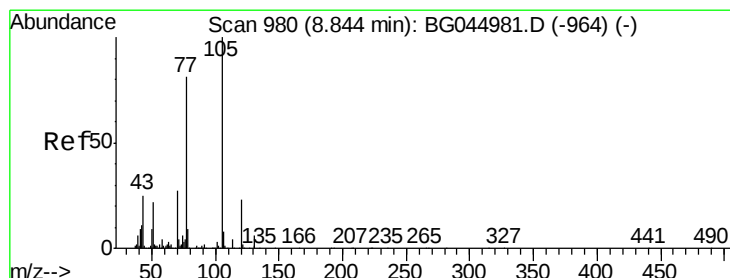
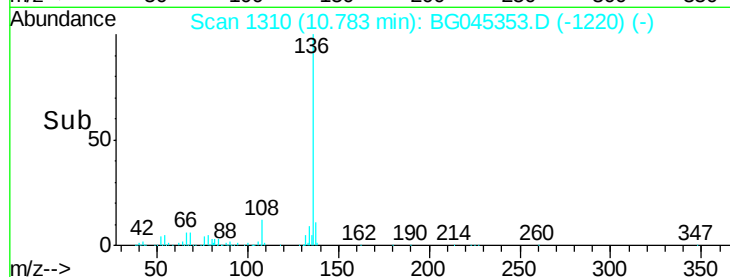
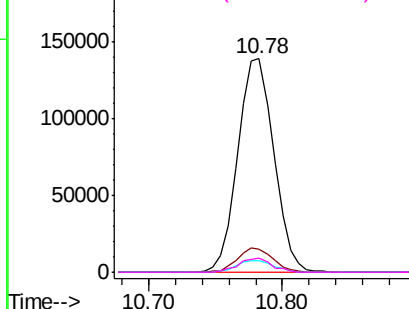
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		259601		
137	10.5		8.6	13.0	
54	5.4		4.8	7.2	
68	6.3		5.2	7.8	

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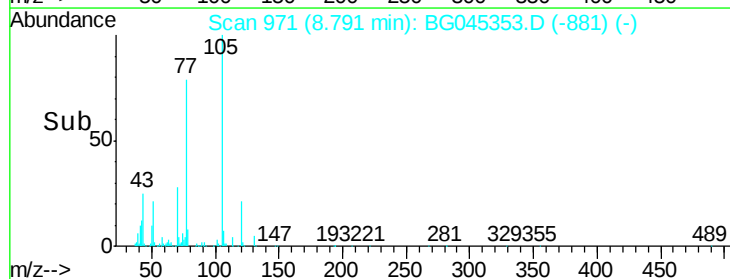
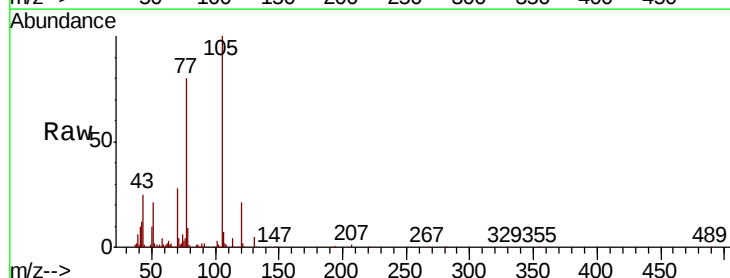
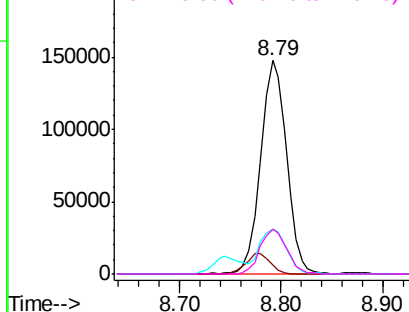
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

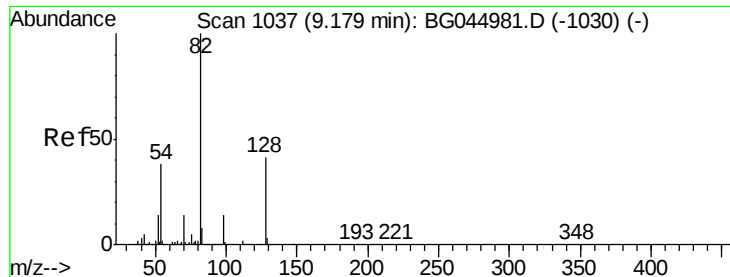


#22
Acetophenone
Concen: 37.457 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		262960		
71	4.0		3.3	4.9	
51	21.3		17.3	25.9	
120	20.9		18.4	27.6	

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





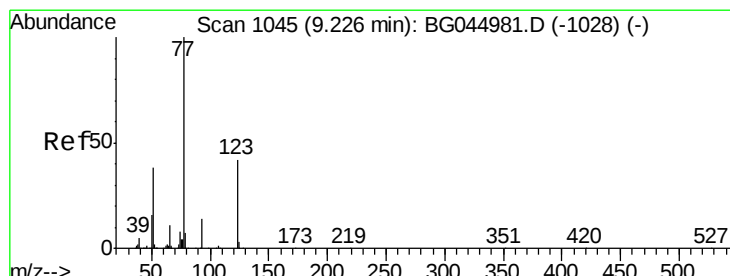
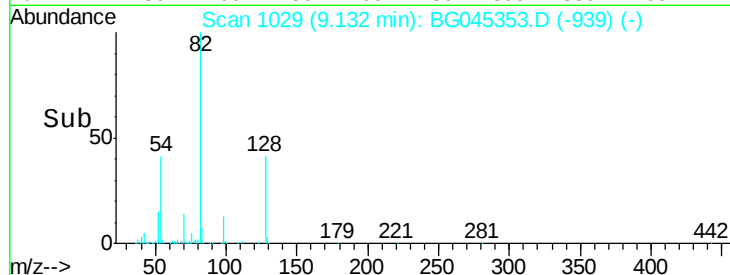
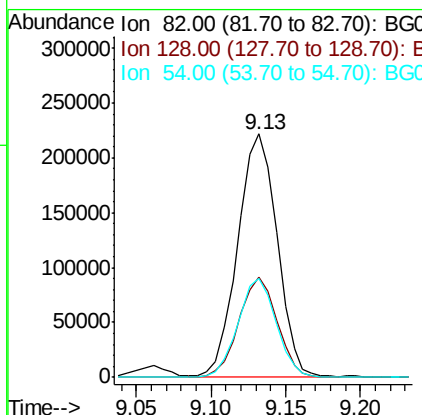
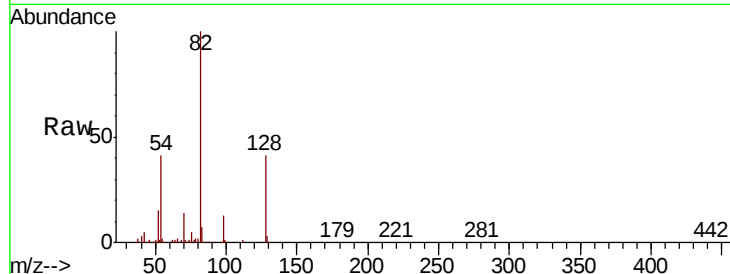
#23
 Nitrobenzene-d5
 Concen: 71.229 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	41.4	33.0	49.4		
54	40.9	30.4	45.6		

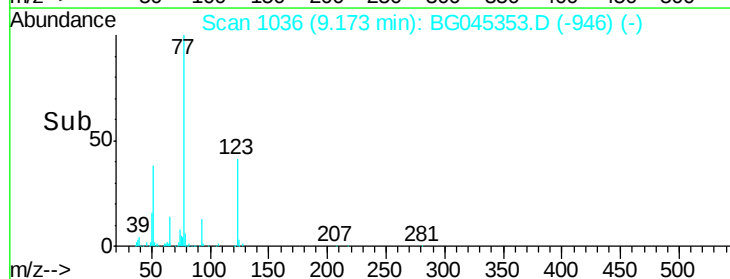
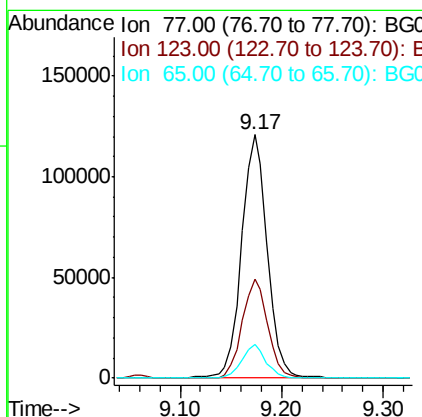
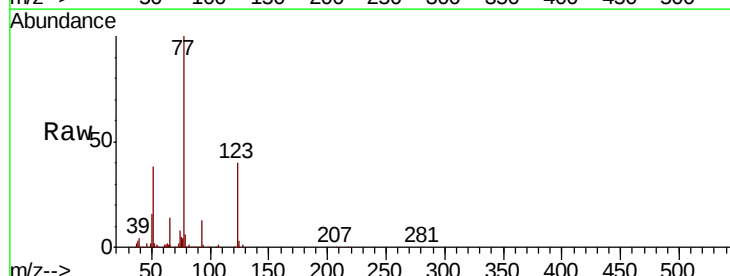
Manual Integrations
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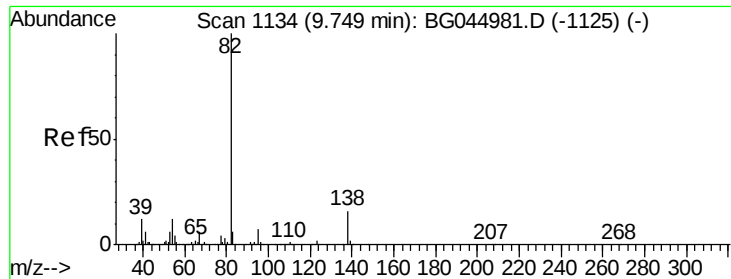
mohammad
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#24
 Nitrobenzene
 Concen: 35.998 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
123	40.5	34.3	51.5		
65	13.8	8.9	13.3		





#25

Isophorone

Concen: 33.989 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

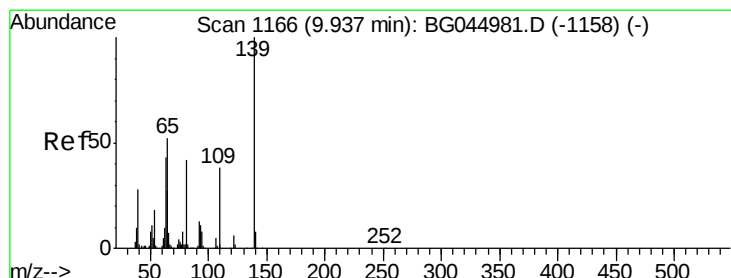
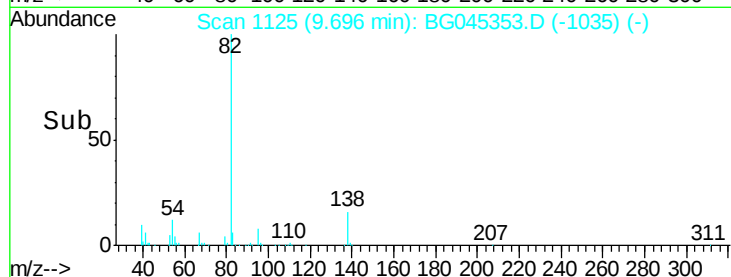
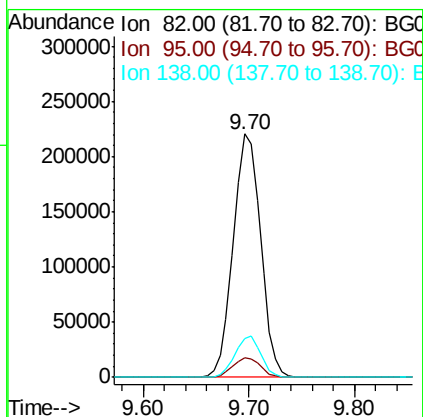
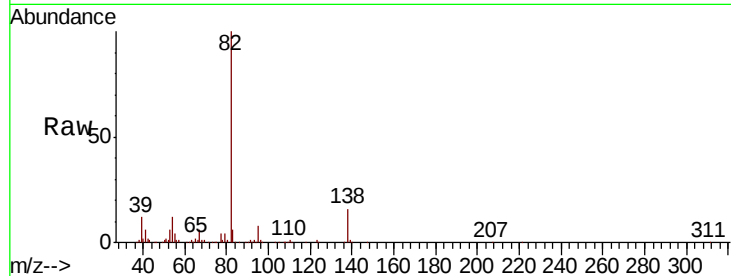
ClientSampleId :

TP-28MSD

Tot Ion:	82	Resp:	396011
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.0	9.0
138	16.1	12.7	19.1

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#26

2-Nitrophenol

Concen: 38.911 ng

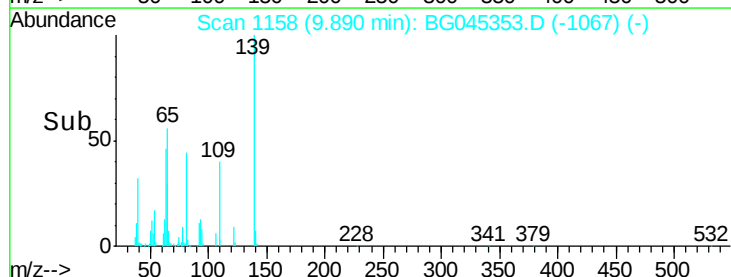
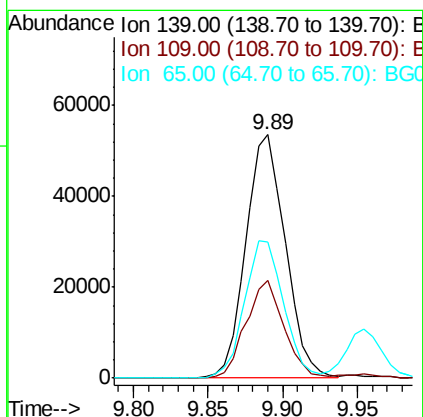
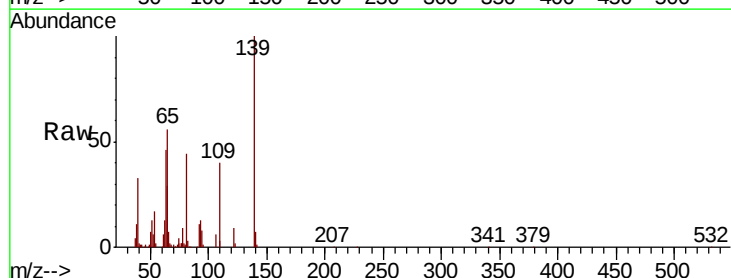
RT: 9.89 min Scan# 1158

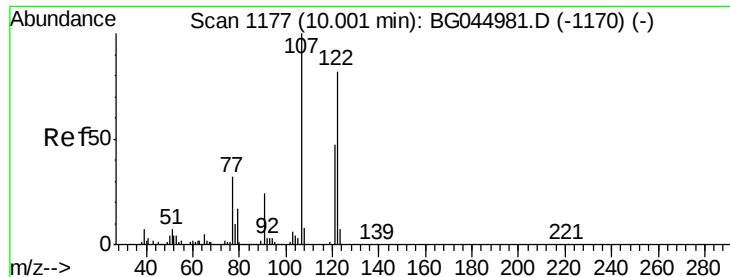
Delta R.T. 0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Tgt Ion:	139	Resp:	97747
Ion Ratio	Lower	Upper	
139	100		
109	40.1	30.6	45.8
65	55.9	41.8	62.6





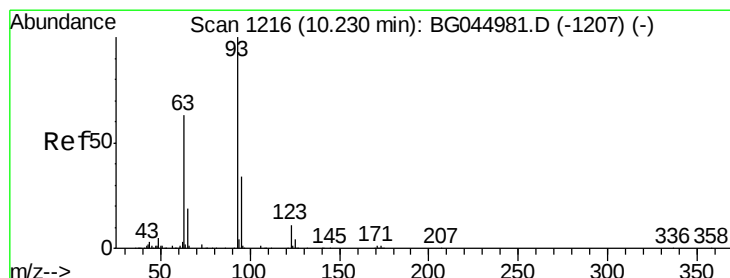
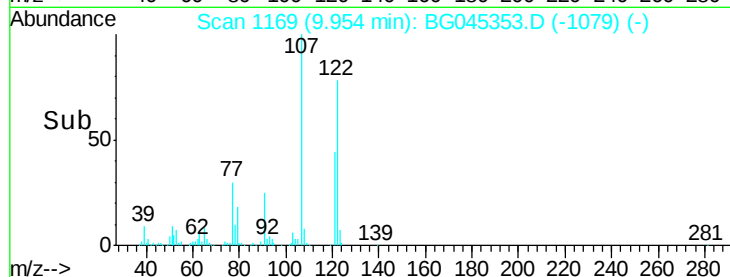
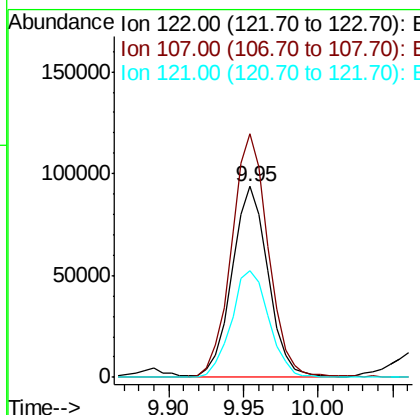
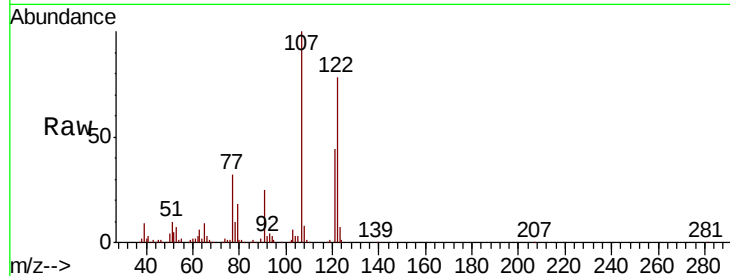
#27
 2,4-Dimethylphenol
 Concen: 39.258 ng
 RT: 9.95 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.5	96.8	145.2
121	55.9	45.6	68.4

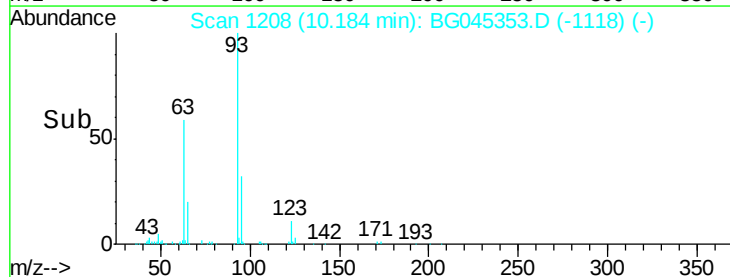
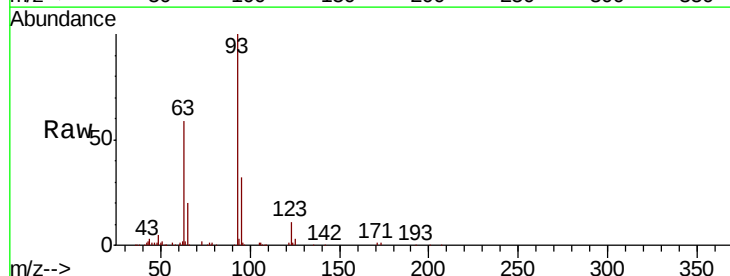
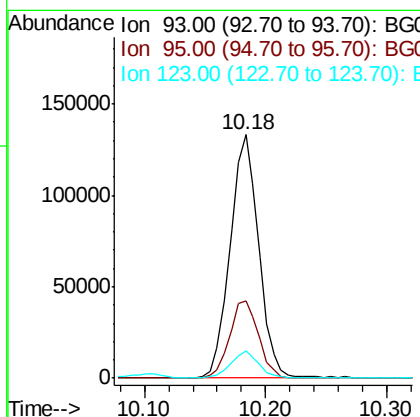
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.888 ng
 RT: 10.18 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	27.0	40.4
123	11.4	8.7	13.1





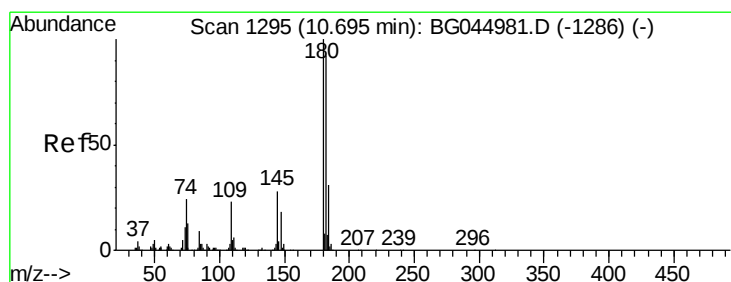
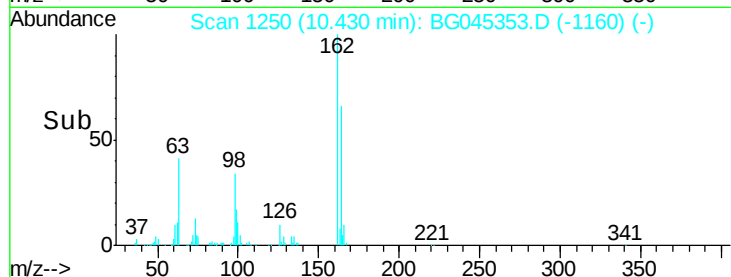
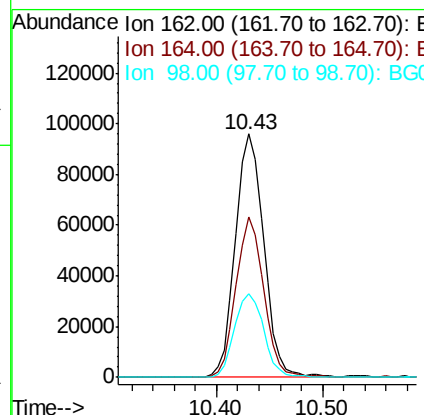
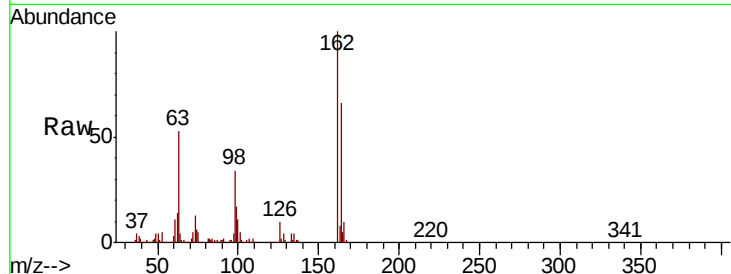
#29
 2,4-Dichlorophenol
 Concen: 38.847 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		178792		
164	65.7	45.0	85.0		
98	34.4	15.2	55.2		

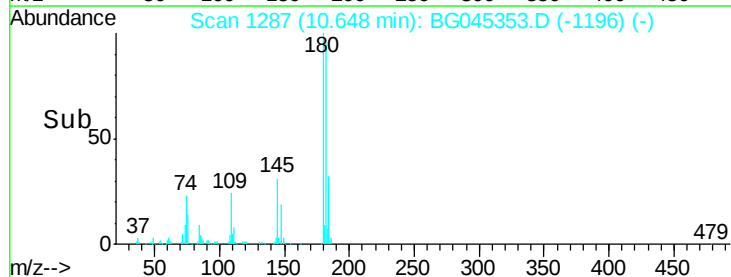
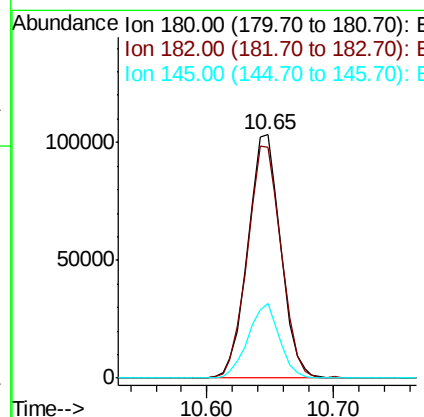
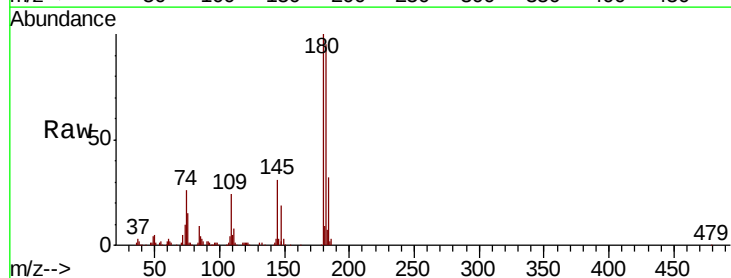
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.803 ng
 RT: 10.65 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		186571		
182	94.6	73.3	109.9		
145	30.5	22.6	33.8		





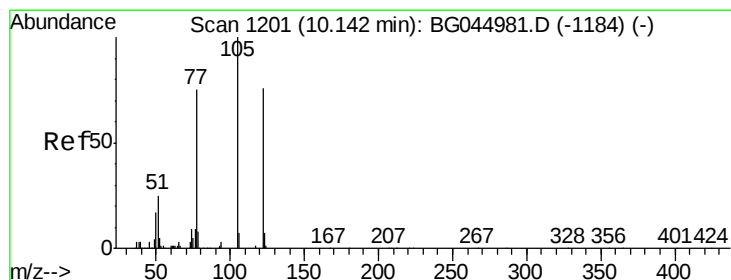
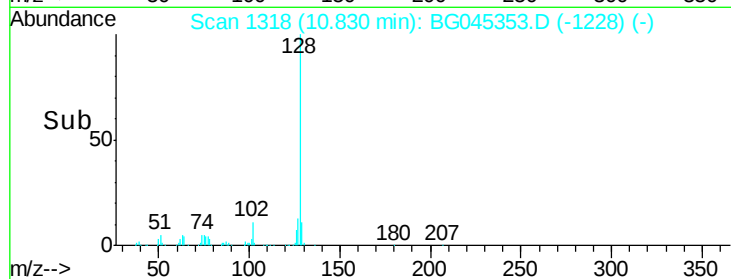
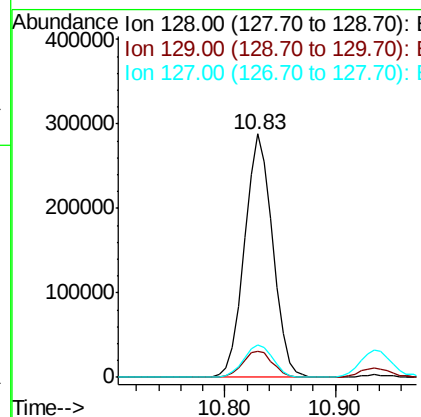
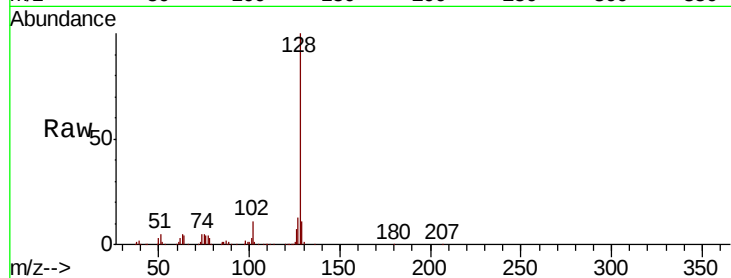
#31
Naphthalene
Concen: 36.346 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tot Ion:	128	Resp:	516160
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.4	14.2
127	13.3	10.8	16.2

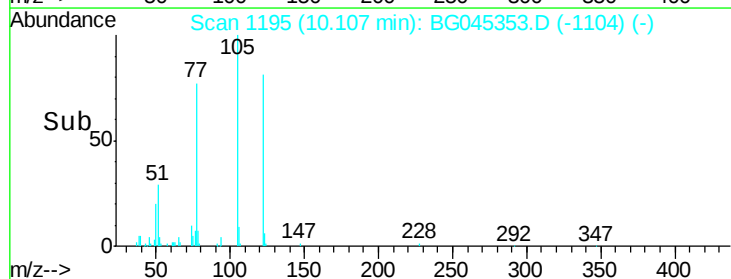
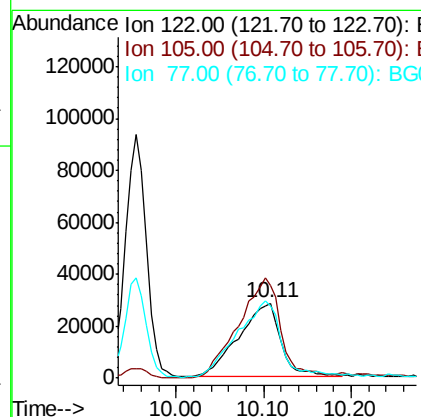
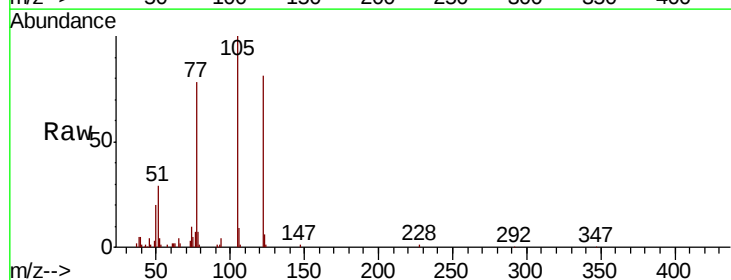
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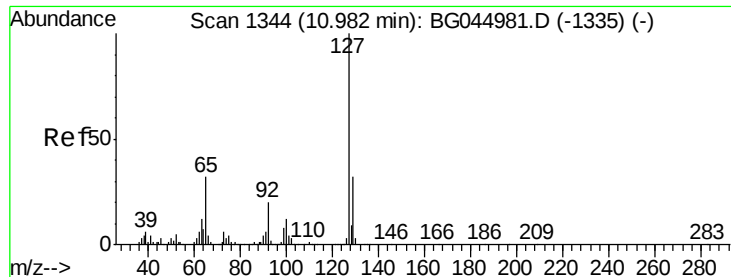
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#32
Benzoic acid
Concen: 31.972 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion:	122	Resp:	95046
Ion Ratio	Lower	Upper	
122	100		
105	123.7	108.4	148.4
77	96.5	78.8	118.8





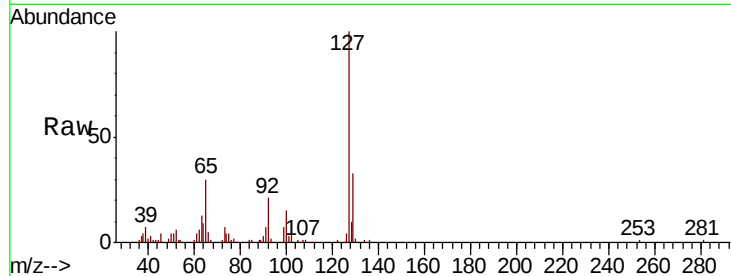
#33
4-Chloroaniline
Concen: 10.094 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

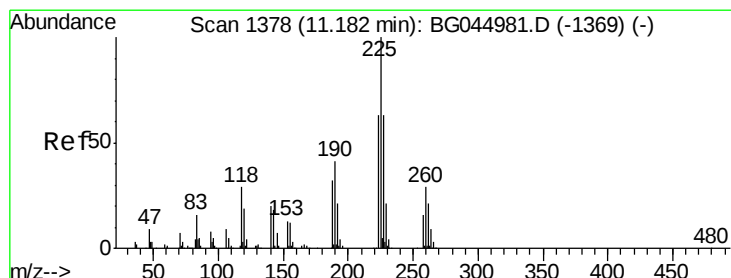
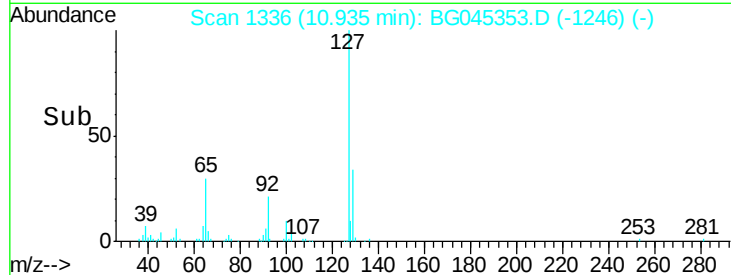
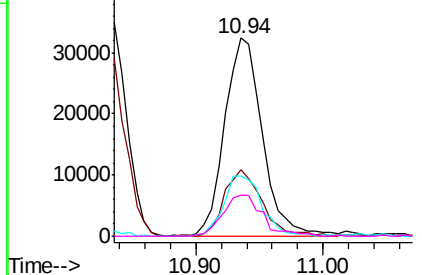
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		66850		
129	33.4	25.7	38.5		
65	30.4	25.4	38.2		
92	21.0	16.1	24.1		

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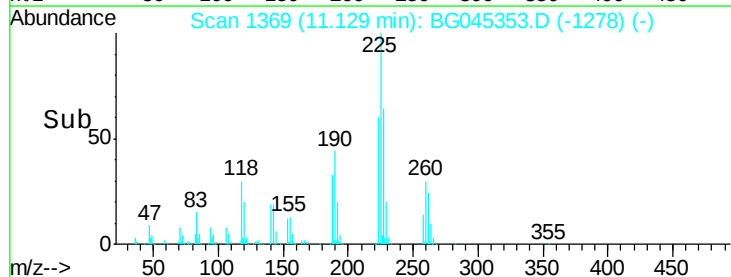
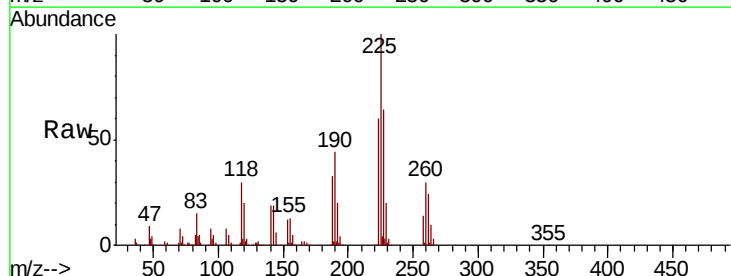
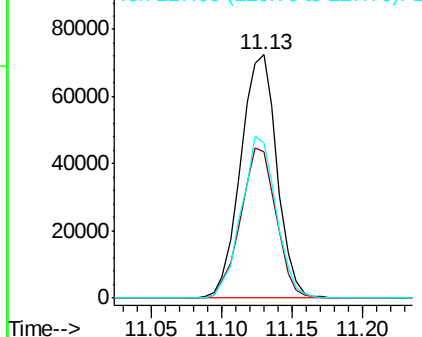
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 36.468 ng
RT: 11.13 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		130290		
223	59.9	50.7	76.1		
227	63.6	50.2	75.2		

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





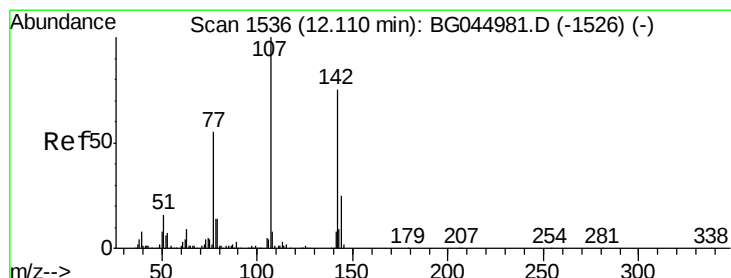
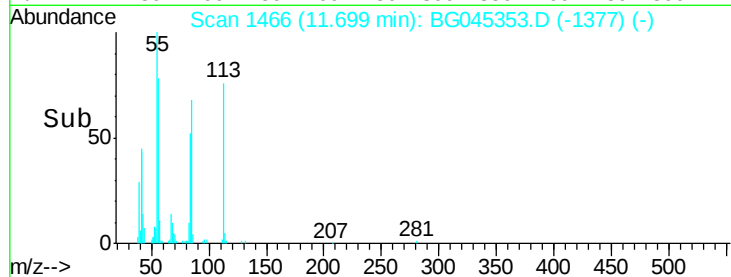
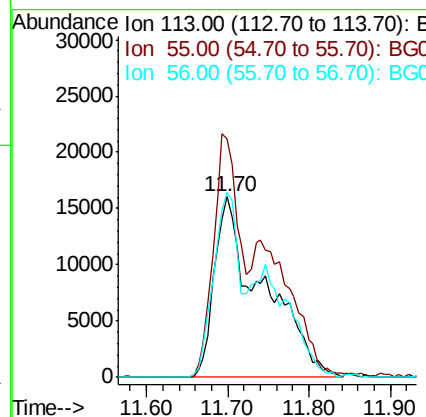
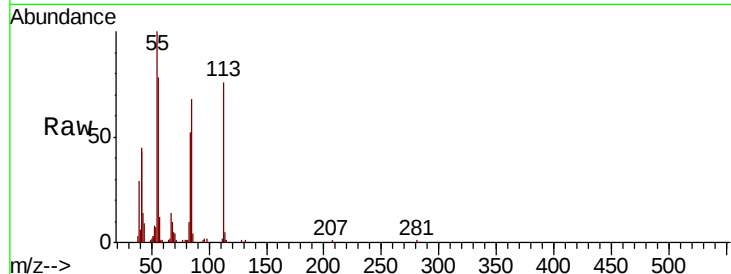
#35
 Caprolactam
 Concen: 35.966 ng/ml
 RT: 11.70 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	131.7	118.8	158.8
56	102.2	82.6	122.6

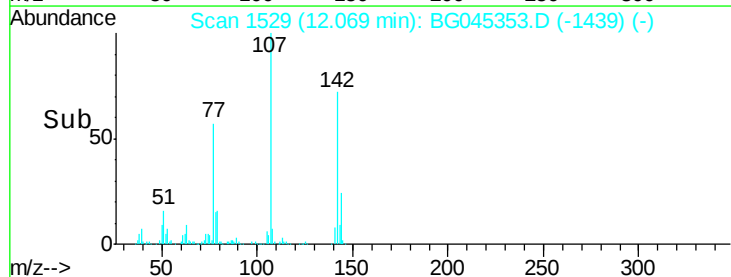
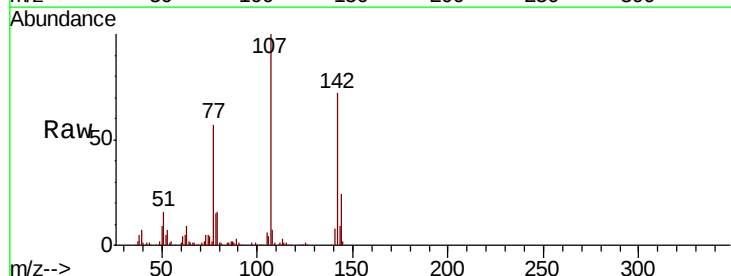
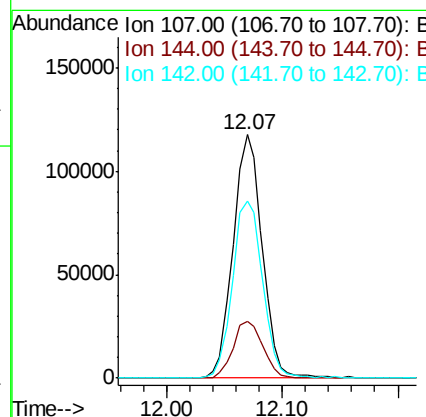
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#36
 4-Chloro-3-methylphenol
 Concen: 37.994 ng/ml
 RT: 12.07 min Scan# 1529
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	19.8	29.6
142	72.5	59.7	89.5





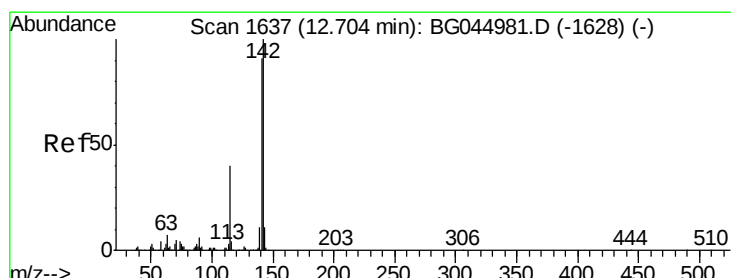
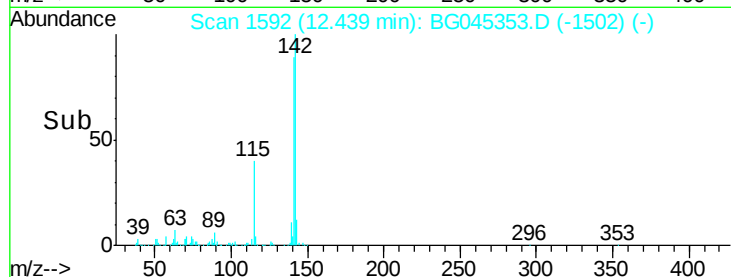
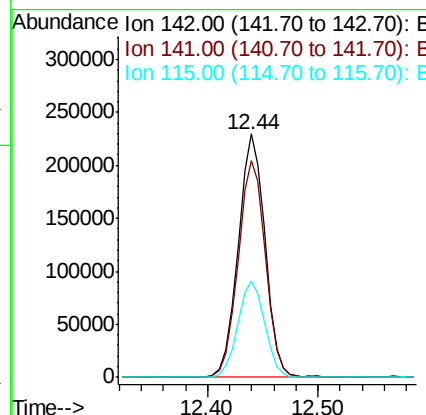
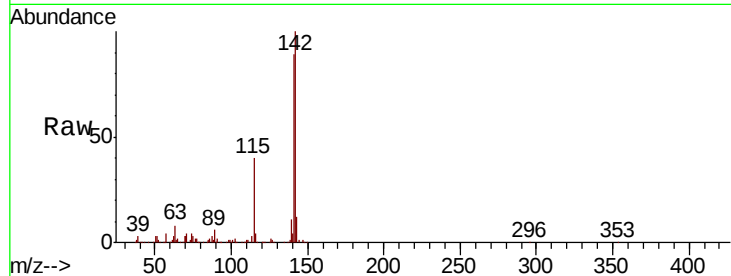
#37
 2-Methylnaphthalene
 Concen: 35.563 ng
 RT: 12.44 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5
115	39.8	29.8	44.6

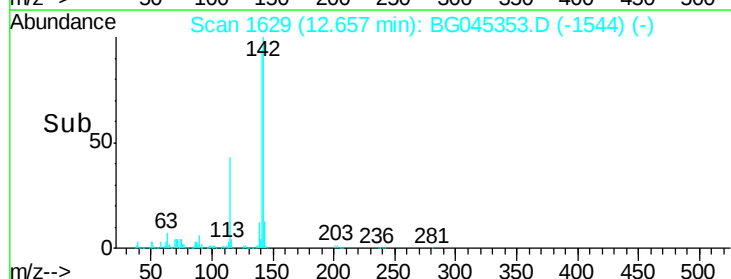
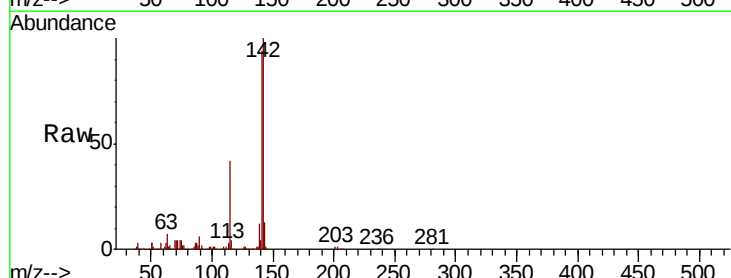
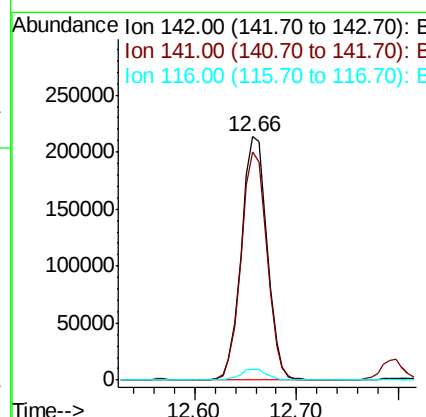
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#38
 1-Methylnaphthalene
 Concen: 36.073 ng
 RT: 12.66 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	72.7	109.1
116	4.2	3.1	4.7





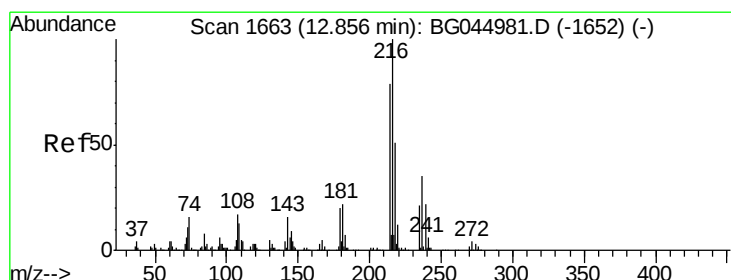
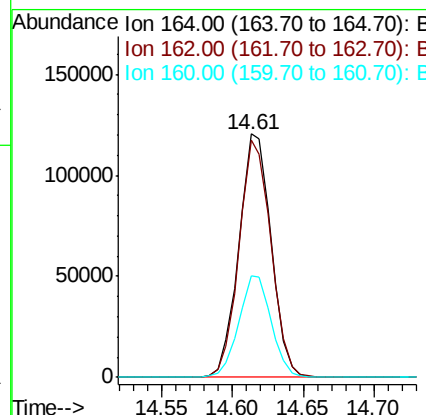
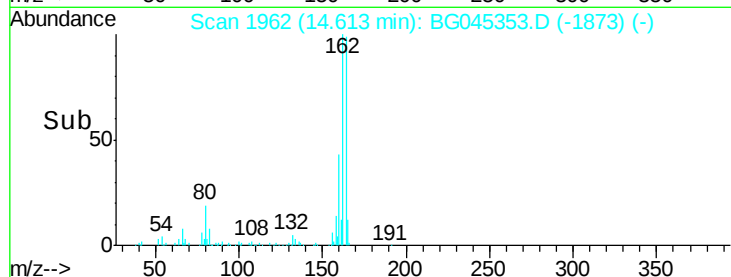
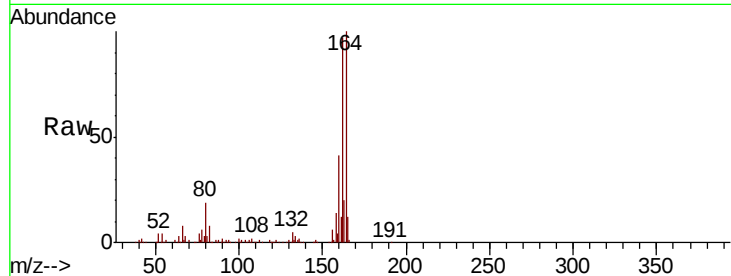
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.5	78.7	118.1
160	41.5	32.8	49.2

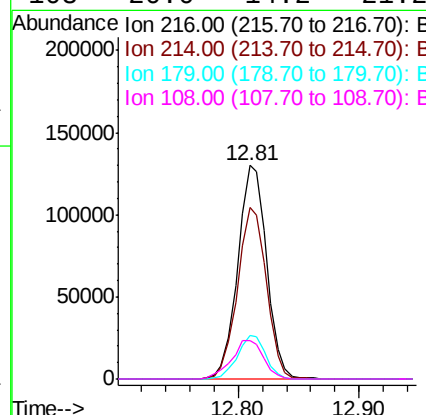
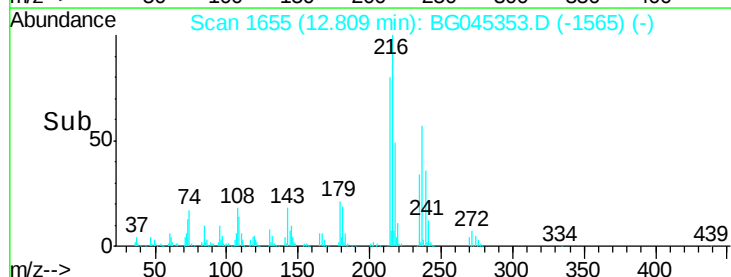
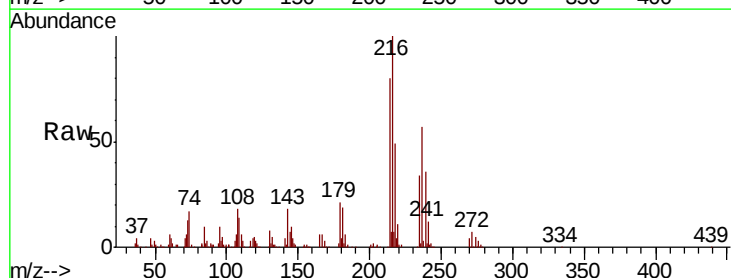
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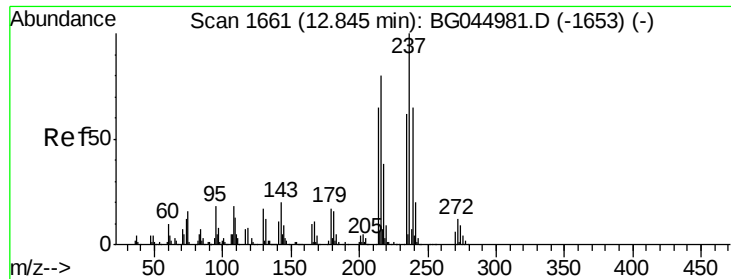
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.049 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.0	94.6
179	20.0	15.8	23.8
108	20.0	14.2	21.2





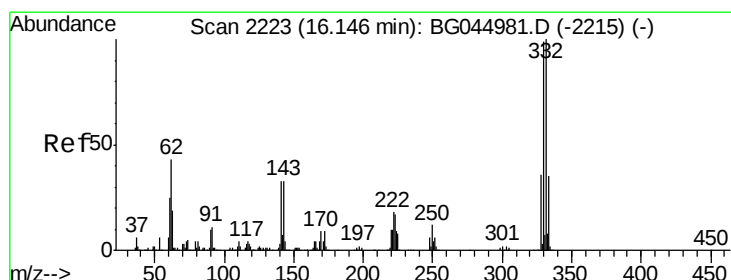
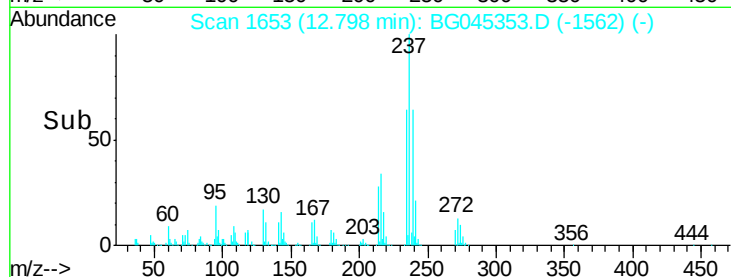
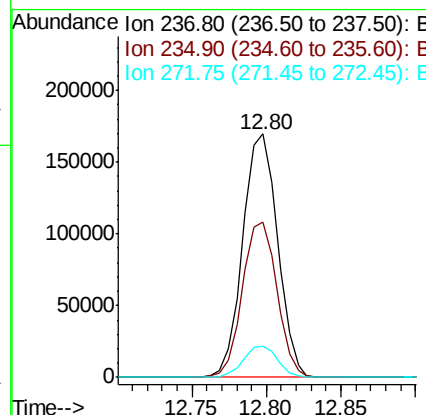
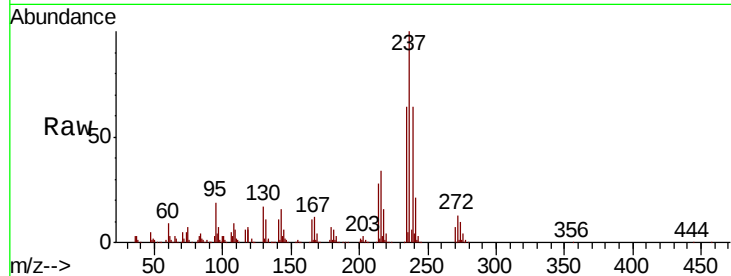
#41
Hexachlorocyclopentadiene
Concen: 70.939 ng
RT: 12.80 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	274167		
235	63.9	41.6	81.6	
272	12.7	0.0	32.1	

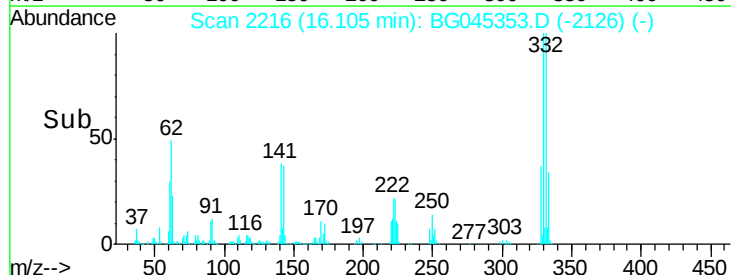
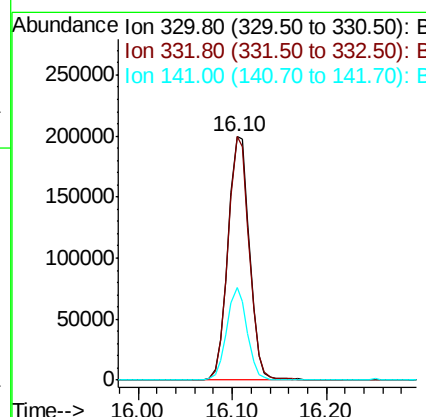
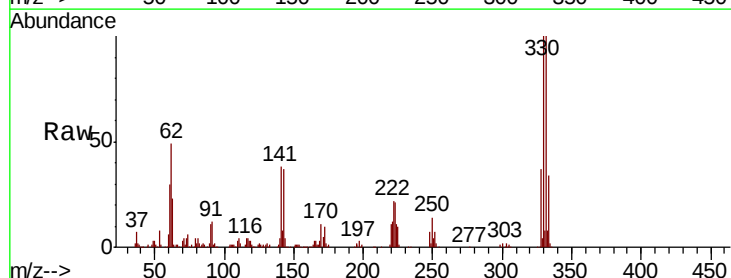
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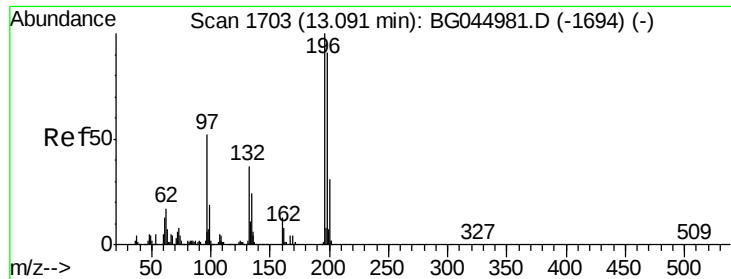
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#42
2,4,6-Tribromophenol
Concen: 107.298 ng
RT: 16.10 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	318349		
332	97.8	79.1	118.7	
141	35.9	27.1	40.7	





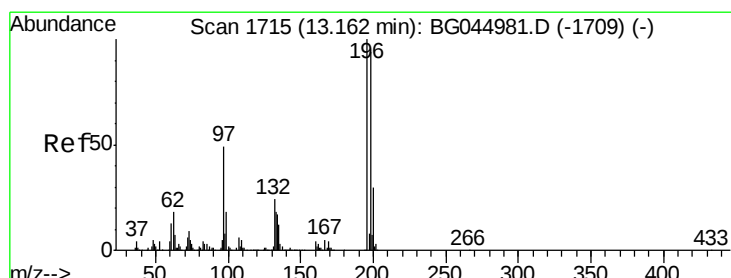
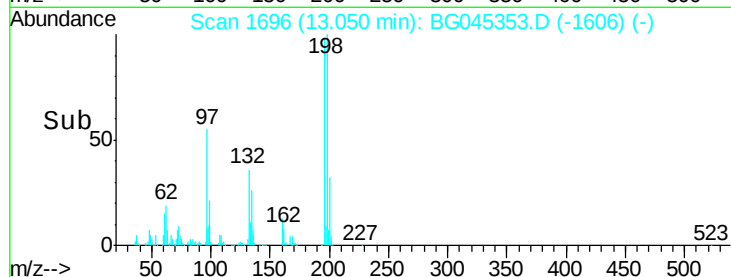
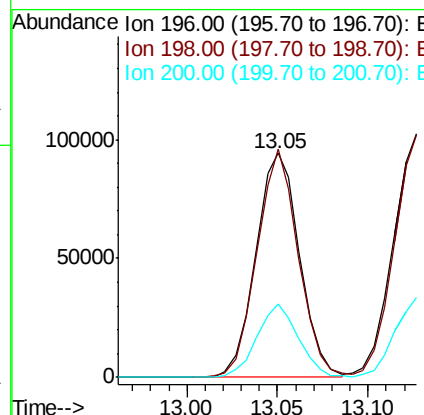
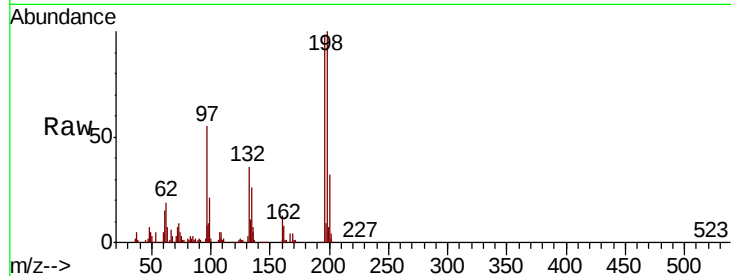
#43
 2,4,6-Trichlorophenol
 Concen: 36.266 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Instrument :
 BNA_G
 ClientSampled :
 TP-28MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	158270		
198	101.6	72.5	108.7	
200	32.6	24.5	36.7	

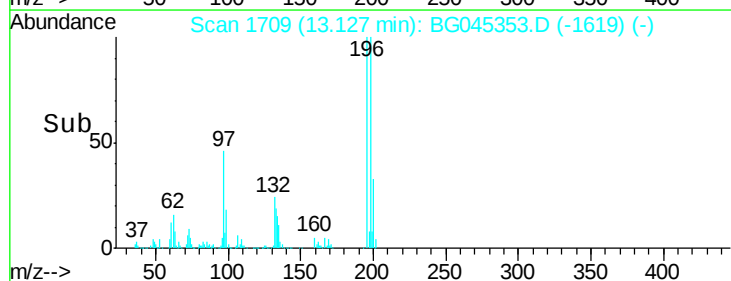
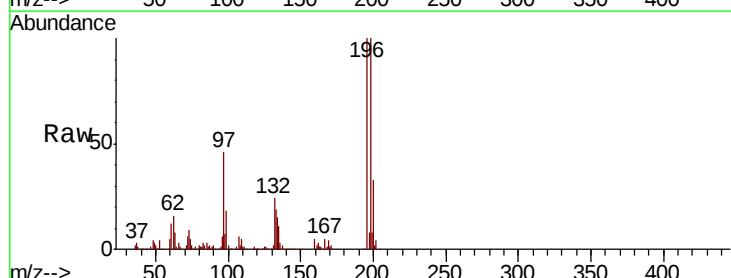
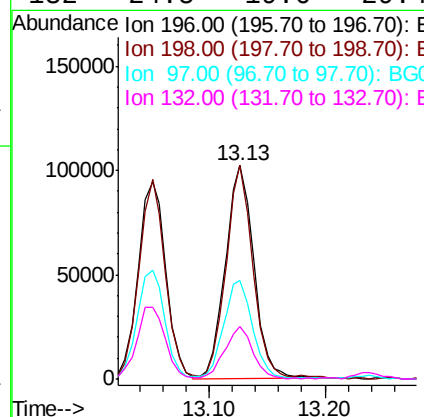
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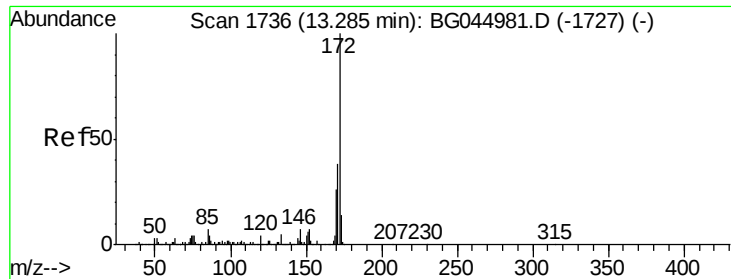
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 35.065 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174189		
198	99.8	75.7	113.5	
97	46.2	39.6	59.4	
132	24.5	19.6	29.4	





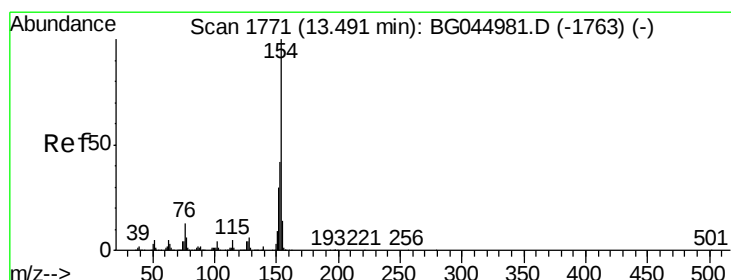
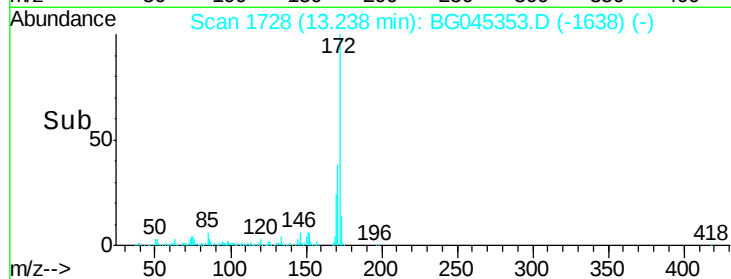
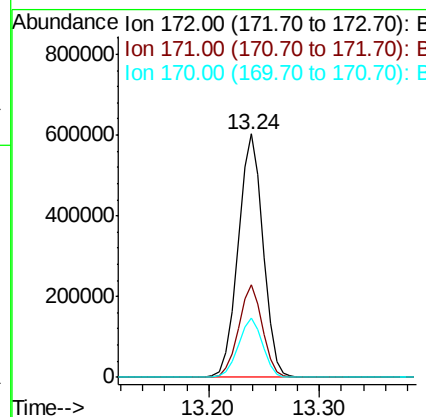
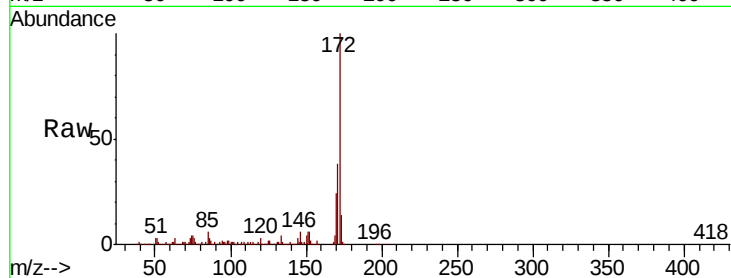
#45
2-Fluorobiphenyl
Concen: 72.549 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	37.9	30.6	46.0
170	24.4	20.5	30.7

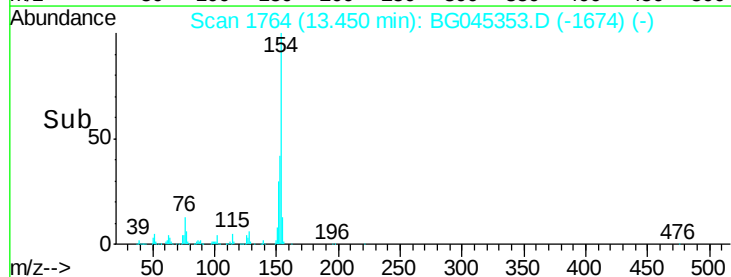
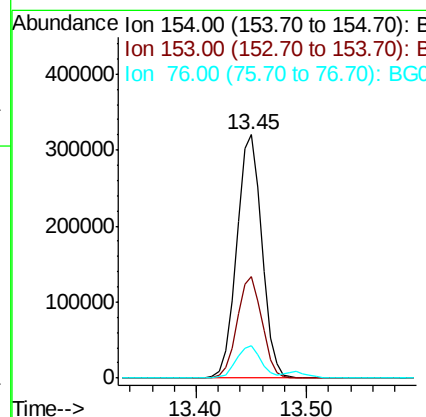
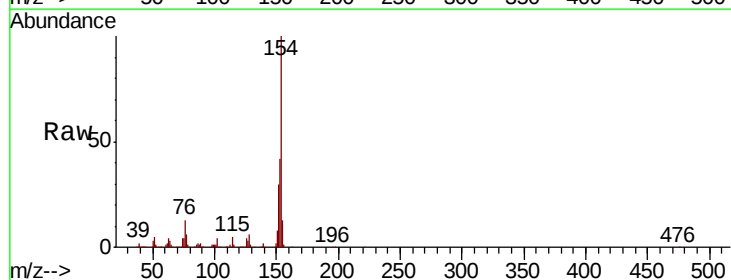
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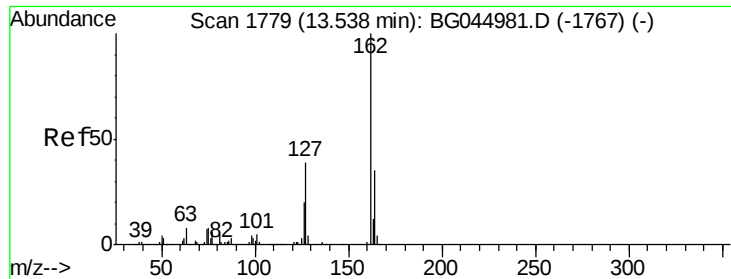
mohammad
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#46
1,1'-Biphenyl
Concen: 35.111 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	41.7	21.9	61.9
76	13.1	0.0	33.1





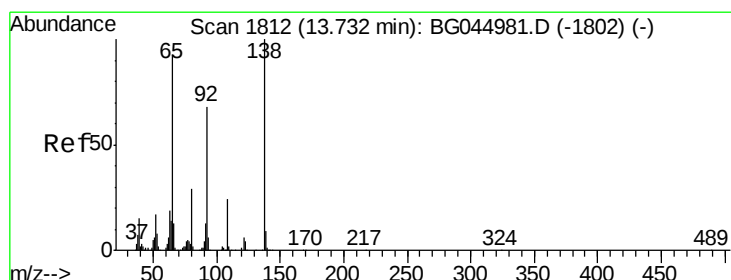
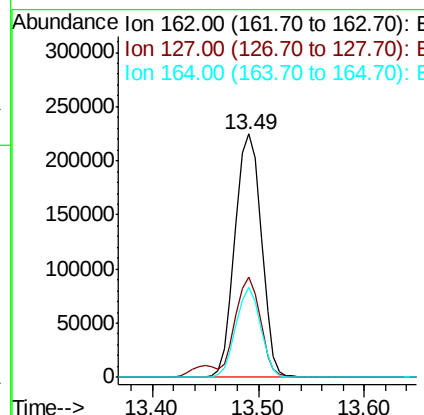
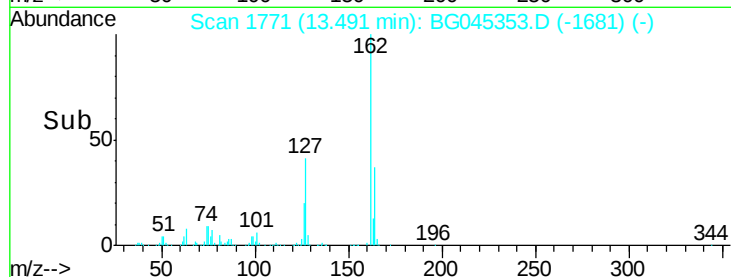
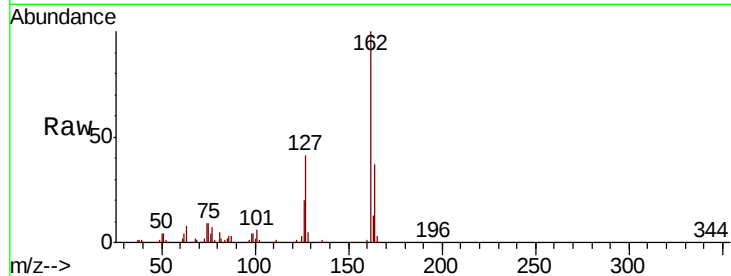
#47
 2-Chloronaphthalene
 Concen: 34.927 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	389571		
127	41.3		31.3	46.9
164	37.1		27.8	41.8

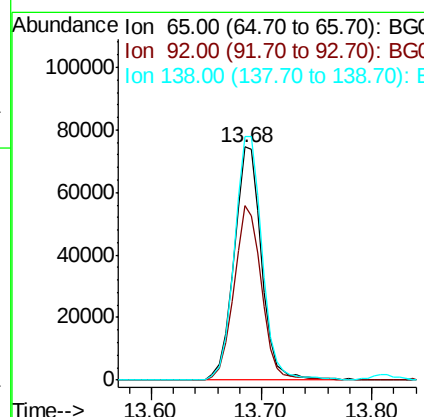
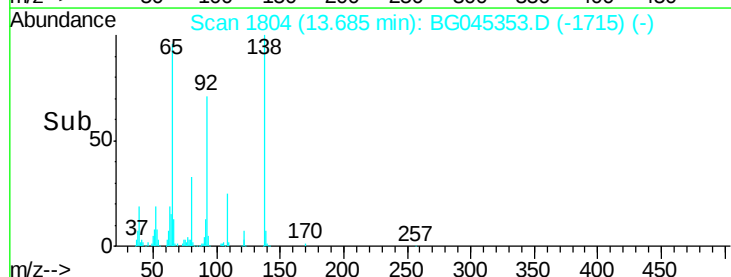
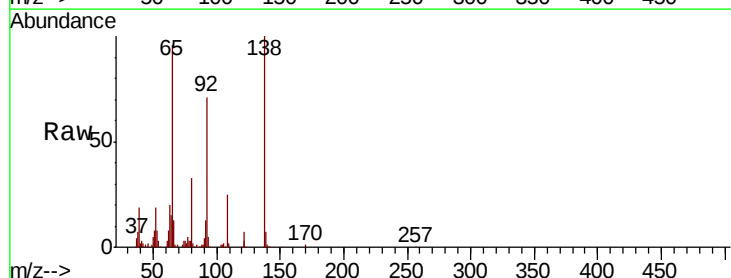
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#48
 2-Nitroaniline
 Concen: 35.444 ng
 RT: 13.68 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	130074		
92	74.6		58.3	87.5
138	104.4		85.6	128.4





#49

Acenaphthylene

Concen: 36.612 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

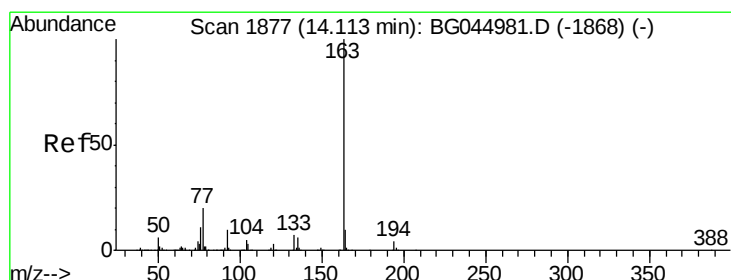
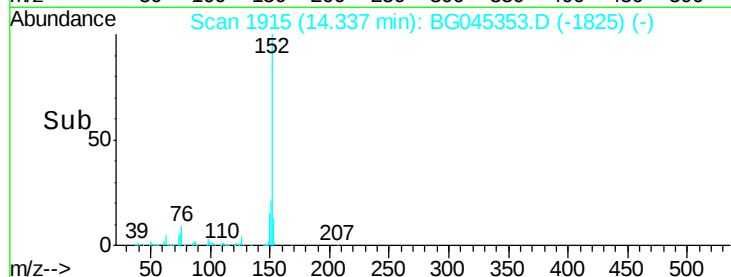
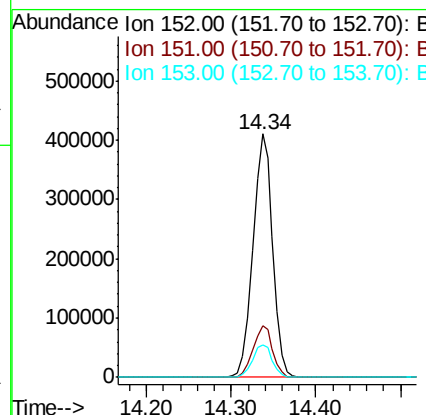
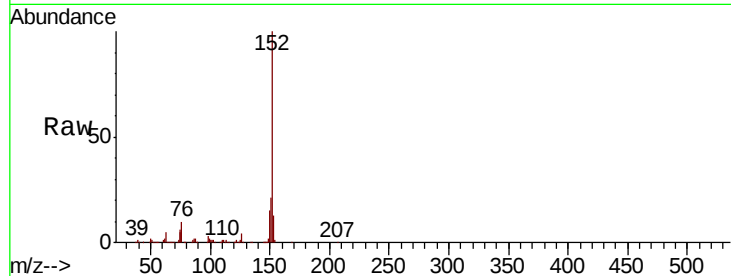
ClientSampled :

TP-28MSD

Tot Ion:	152	Resp:	665167
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.2	25.8
153	13.3	11.0	16.4

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#50

Dimethylphthalate

Concen: 43.623 ng

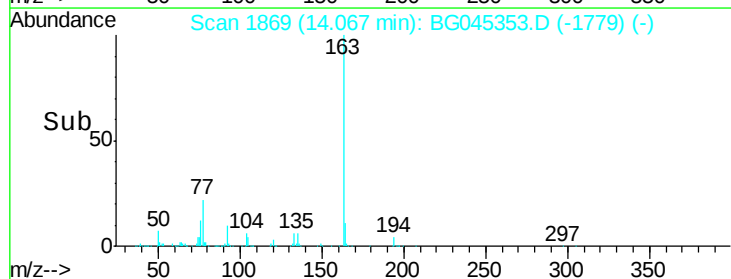
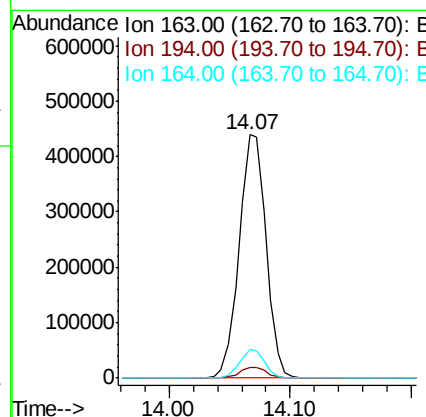
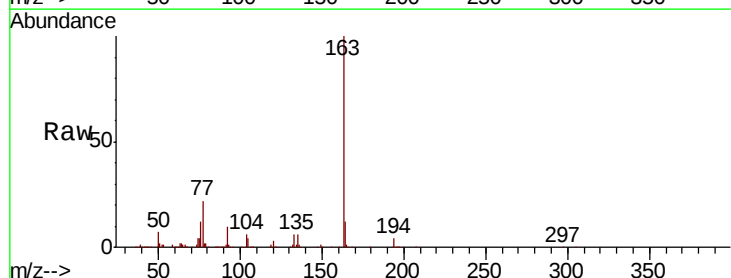
RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Tgt Ion:	163	Resp:	682164
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	11.5	8.2	12.4





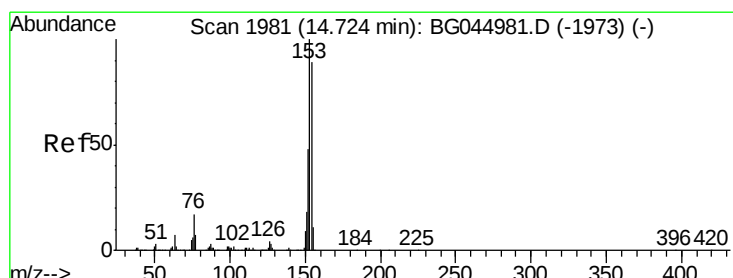
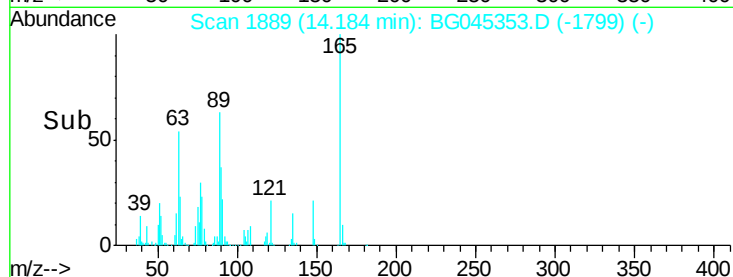
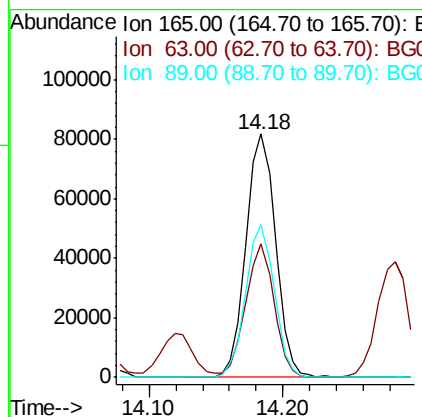
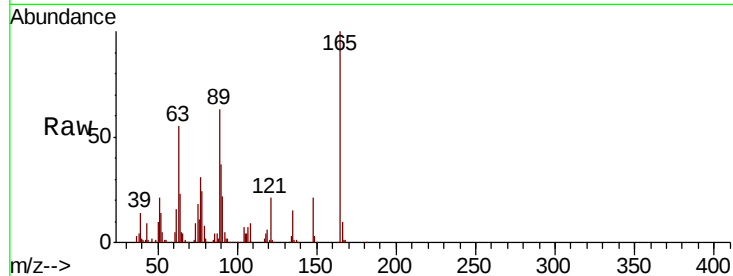
#51
2,6-Dinitrotoluene
Concen: 35.823 ng
RT: 14.18 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	125298		
63	54.7		40.4	60.6
89	62.7		49.1	73.7

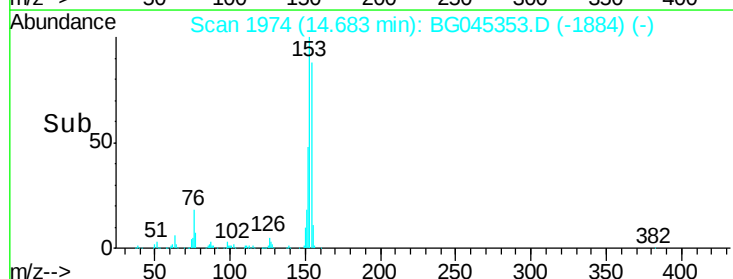
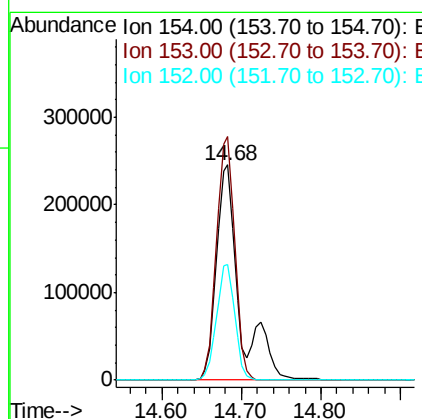
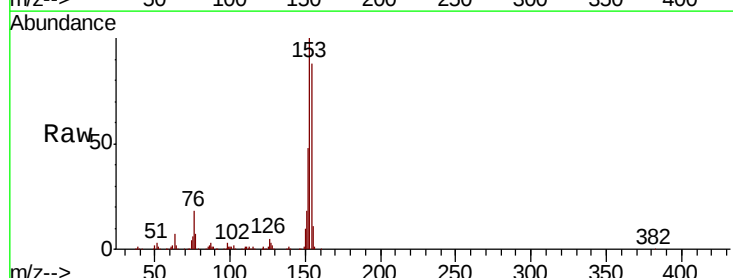
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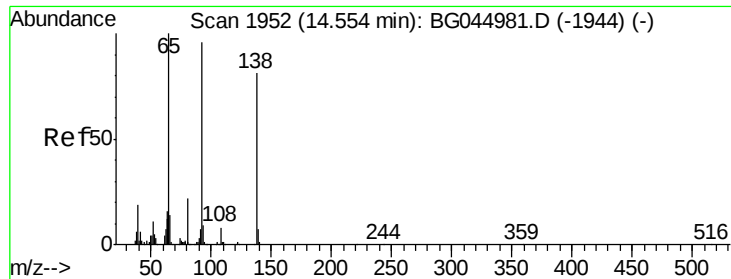
mohammad
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#52
Acenaphthene
Concen: 40.660 ng m
RT: 14.68 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	499803		
153	113.2		89.7	134.5
152	53.8		43.1	64.7





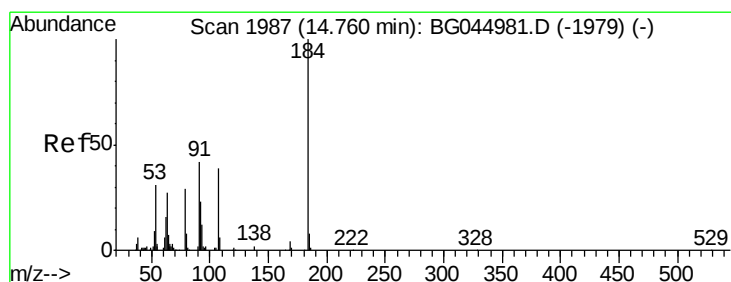
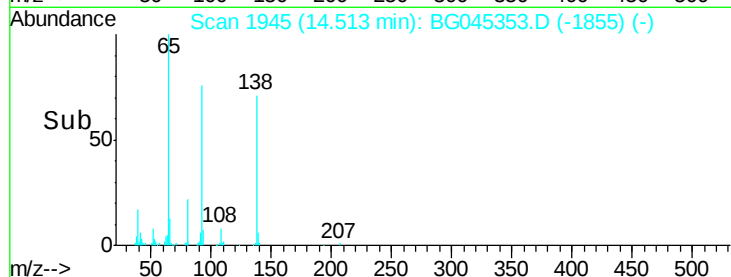
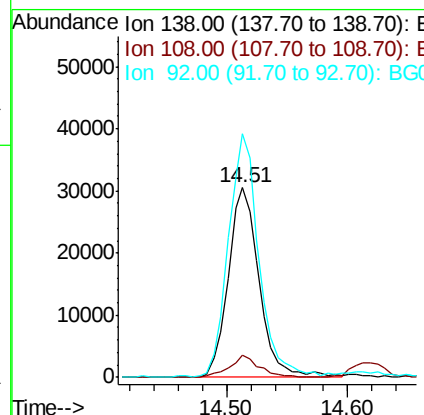
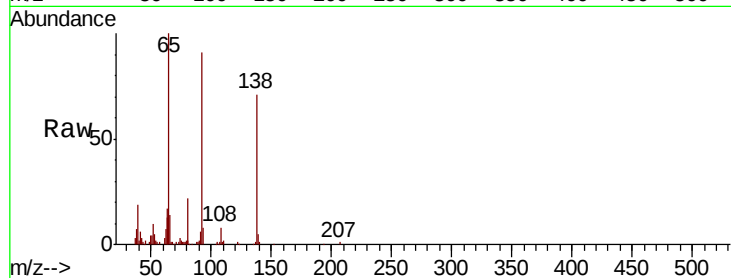
#53
 3-Nitroaniline
 Concen: 14.122 ng
 RT: 14.51 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	7.8	11.8#
92	128.4	94.5	141.7

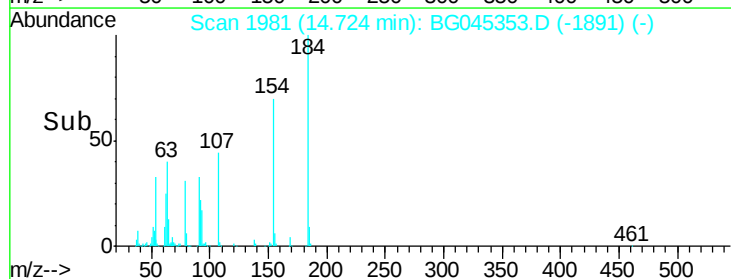
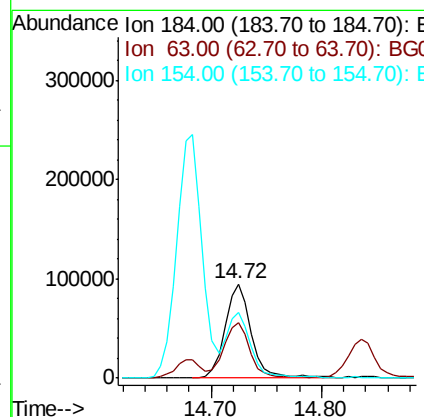
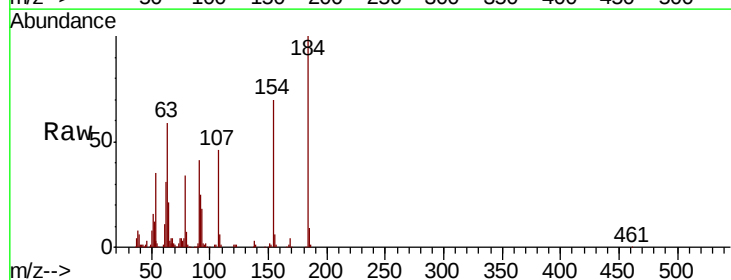
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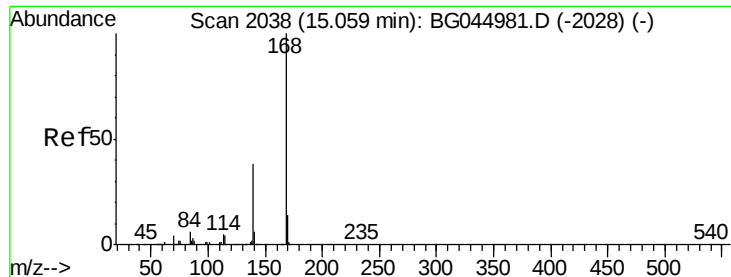
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#54
 2,4-Dinitrophenol
 Concen: 75.554 ng
 RT: 14.72 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.2	41.5	62.3
154	69.7	52.3	78.5





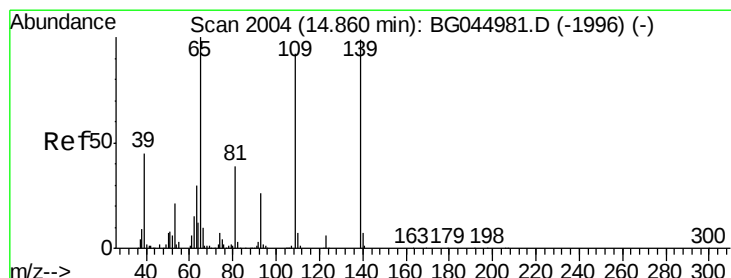
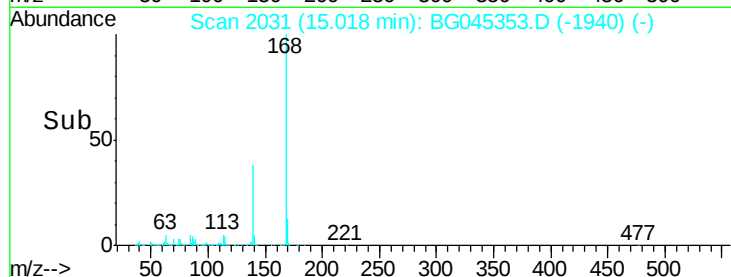
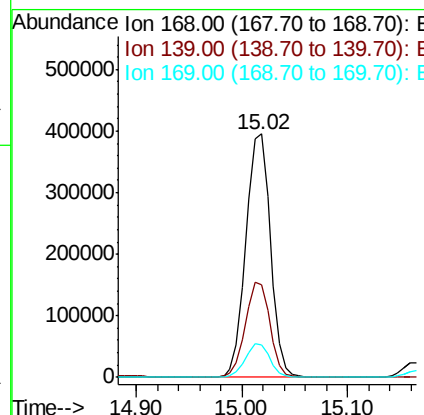
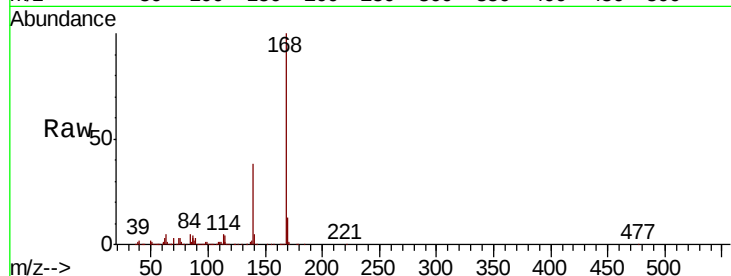
#55
Dibenzofuran
Concen: 35.683 ng
RT: 15.02 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampled :
TP-28MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.4	45.6
169	13.3	11.0	16.4

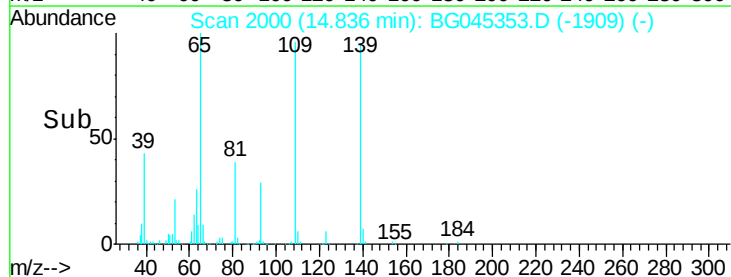
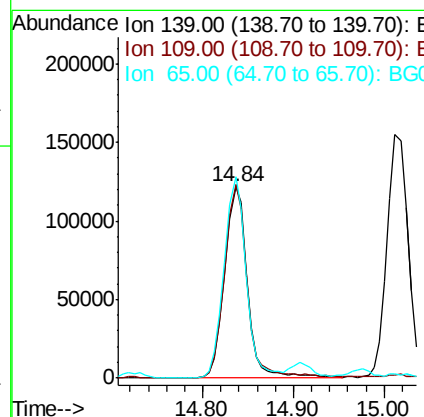
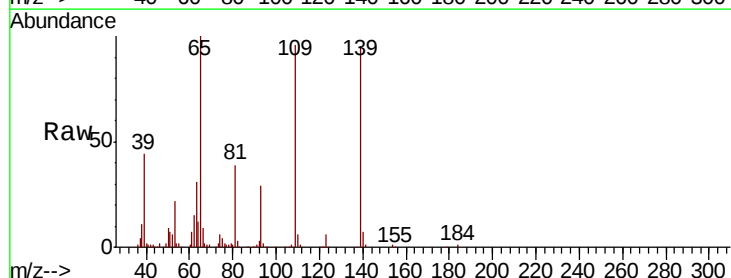
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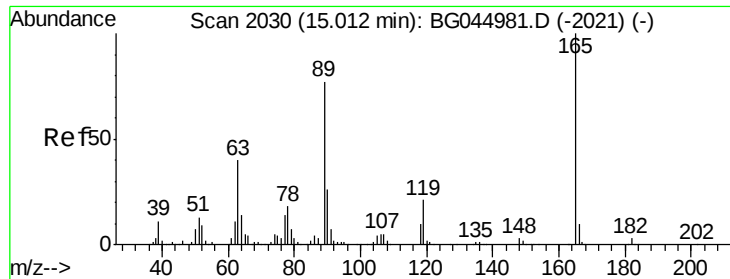
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#56
4-Nitrophenol
Concen: 71.623 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.4	73.6	113.6
65	105.5	81.2	121.2





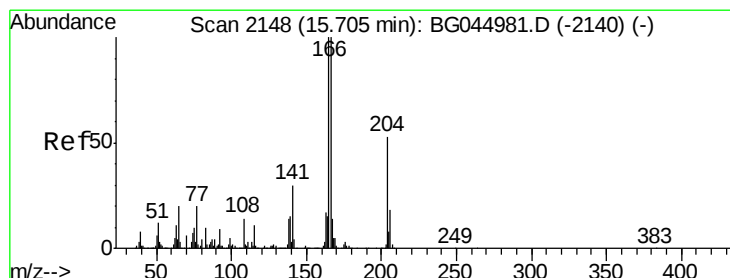
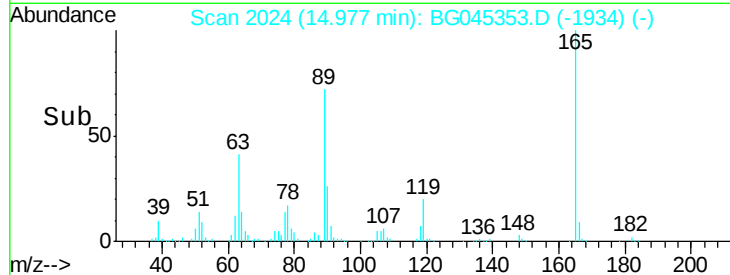
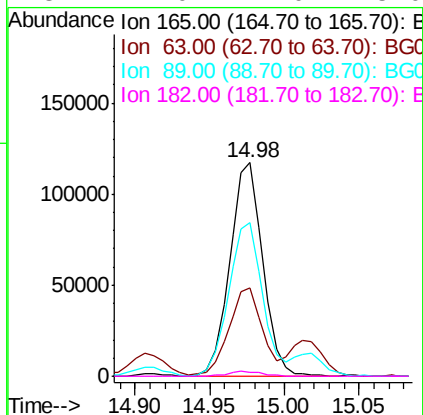
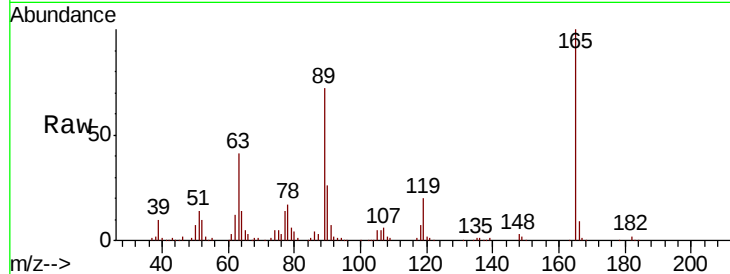
#57
2,4-Dinitrotoluene
Concen: 35.273 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		180302		
63	41.4	32.2	48.2		
89	72.1	61.7	92.5		
182	2.0	2.0	3.0		

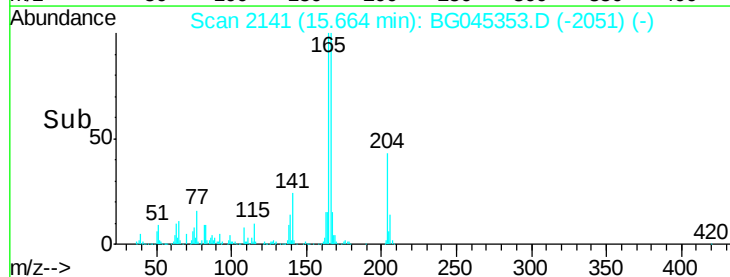
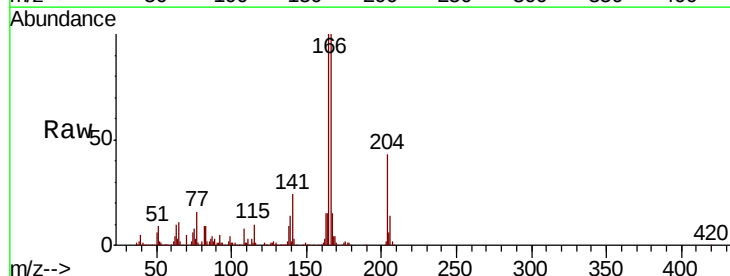
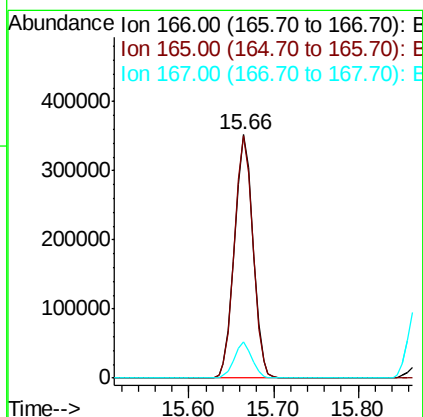
Manual Integrations
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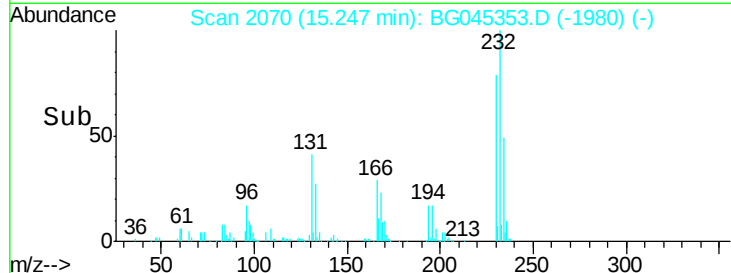
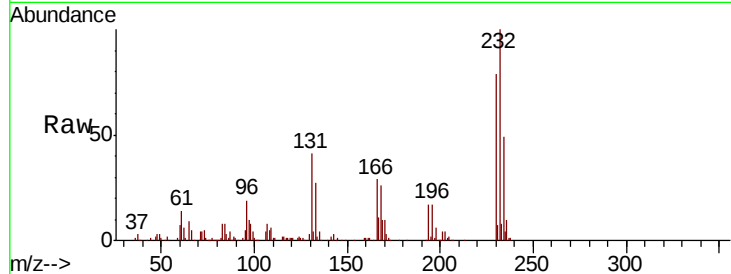
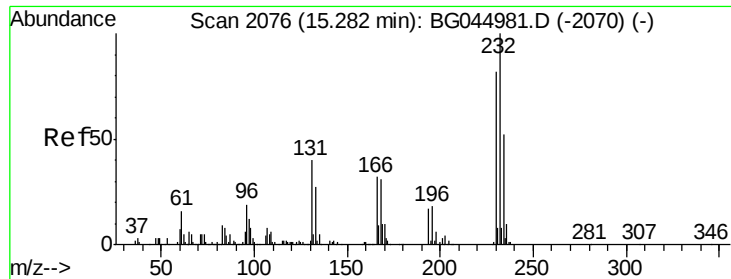
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#58
Fluorene
Concen: 36.000 ng
RT: 15.66 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		526981		
165	99.7	79.9	119.9		
167	14.7	11.4	17.0		





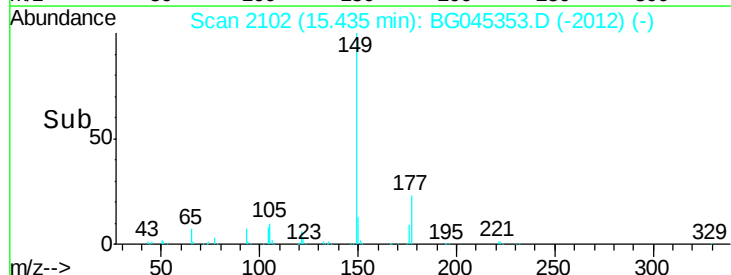
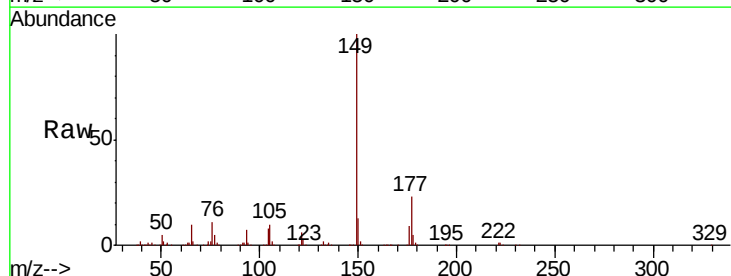
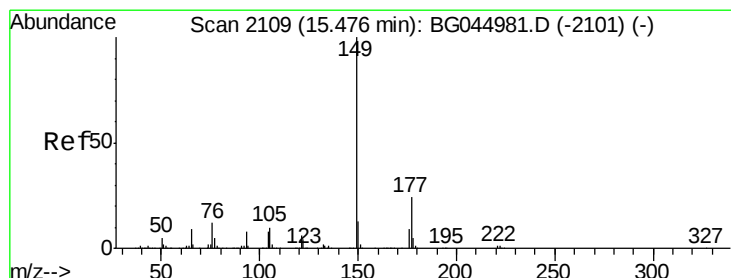
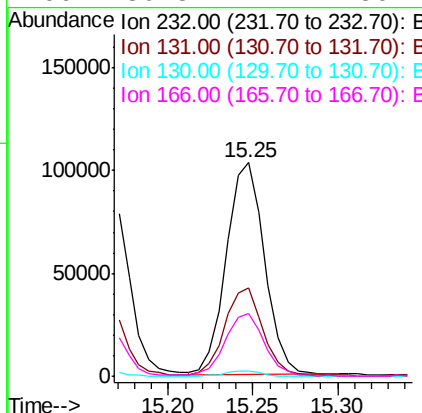
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.779 ng
RT: 15.25 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	162564		
131	42.4	32.2	48.2	
130	2.5	2.2	3.2	
166	30.8	24.2	36.4	

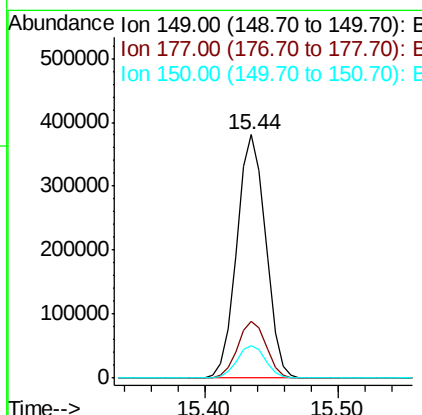
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#60
Diethylphthalate
Concen: 34.911 ng
RT: 15.44 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	569189		
177	23.1	18.9	28.3	
150	13.3	10.6	15.8	





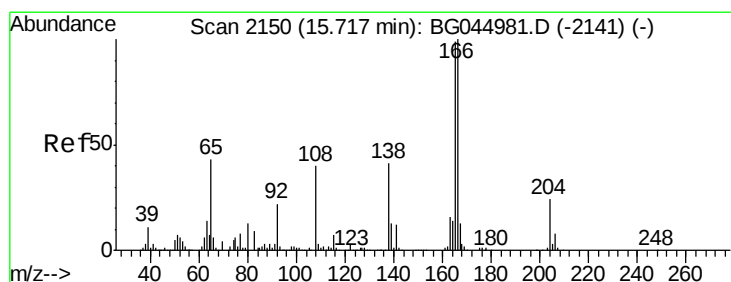
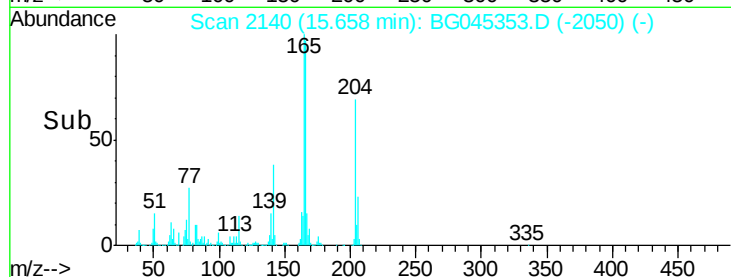
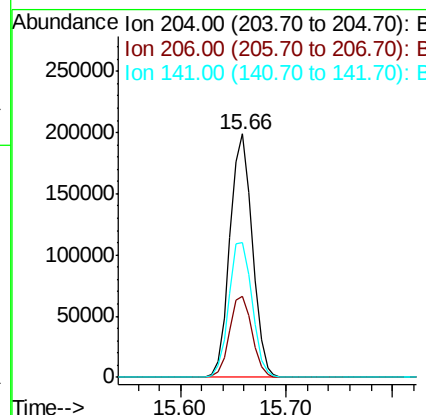
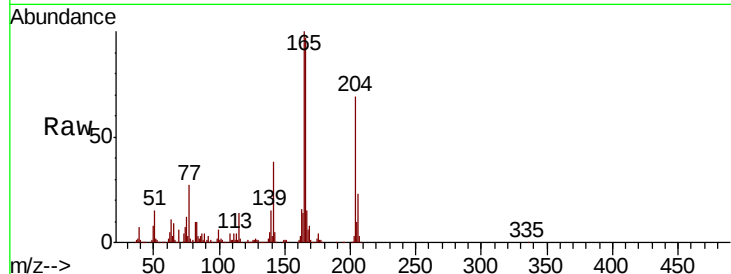
#61
4-Chlorophenyl-phenylether
Concen: 34.608 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	291597		
206	33.4	26.9	40.3	
141	55.3	46.3	69.5	

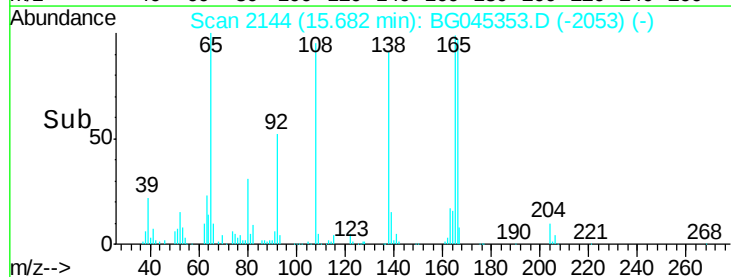
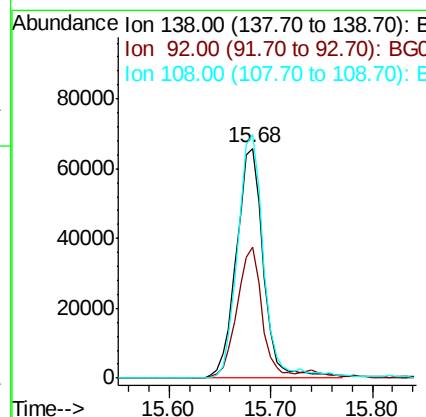
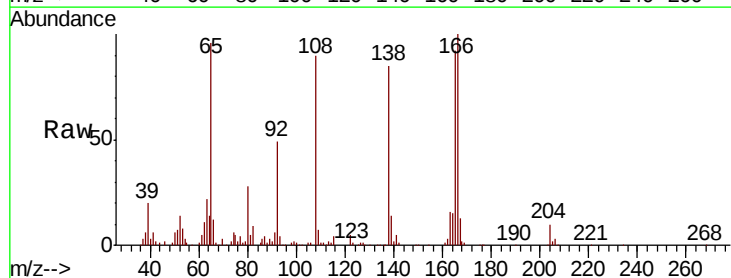
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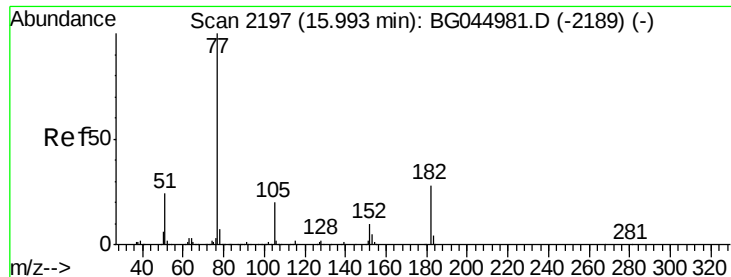
mohammad
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#62
4-Nitroaniline
Concen: 30.780 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	122470		
92	57.3	33.6	73.6	
108	106.0	78.2	118.2	





#63

Azobenzene

Concen: 35.756 ng

RT: 15.95 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

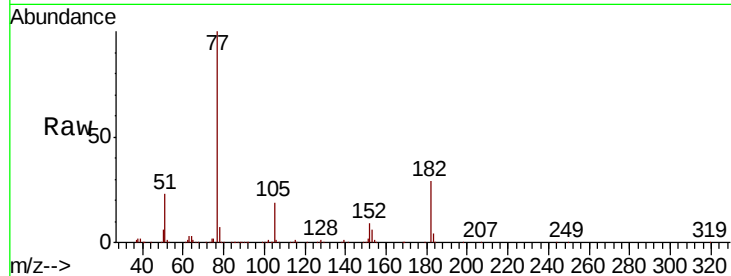
ClientSampleId :

TP-28MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		537464		
182	29.2	8.4	48.4		
105	18.5	0.5	40.5		
51	23.3	4.4	44.4		

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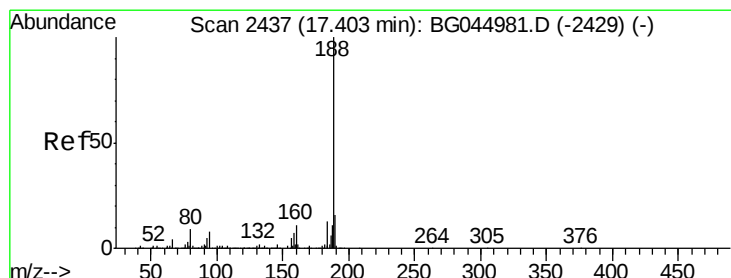
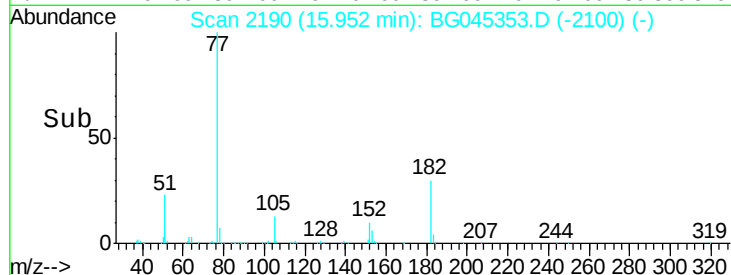
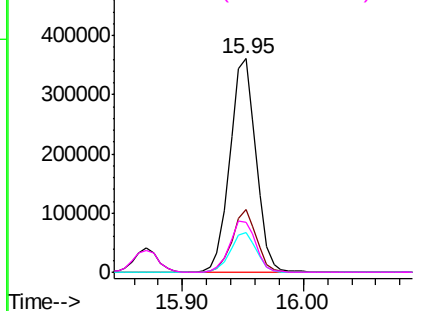
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

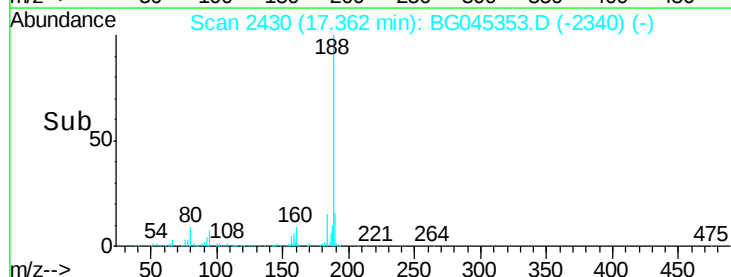
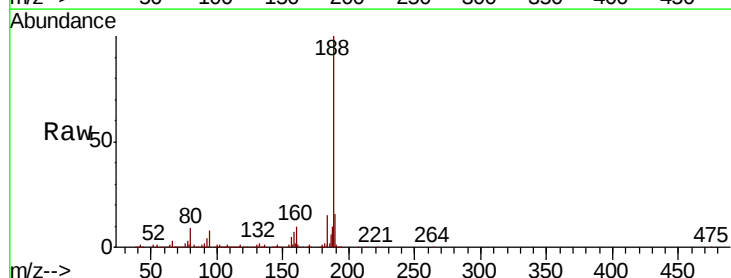
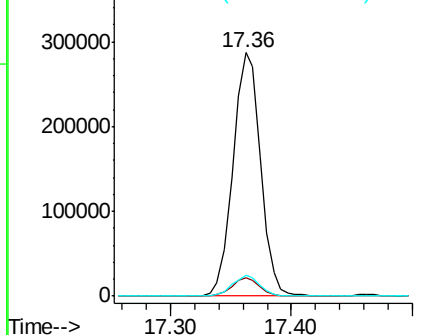
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		456286		
94	7.5	6.2	9.4		
80	8.7	7.0	10.6		

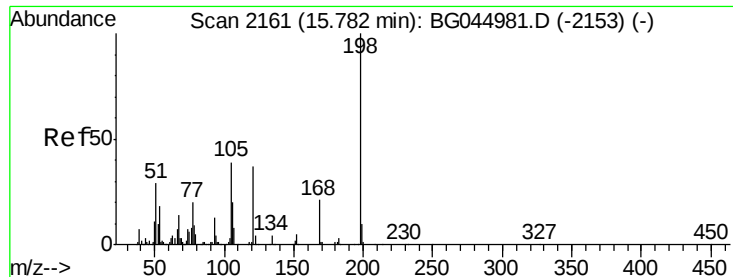
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





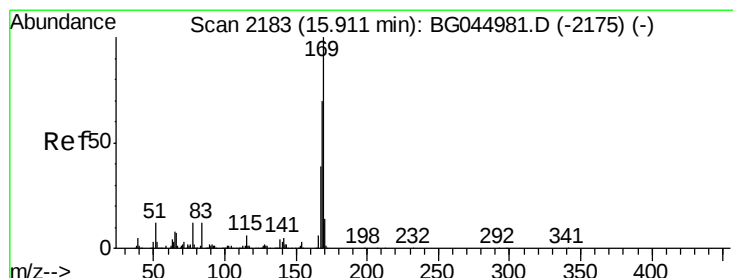
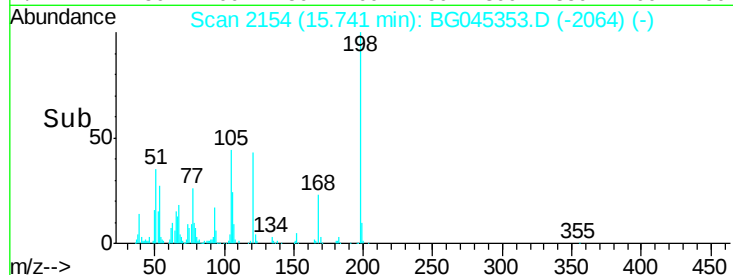
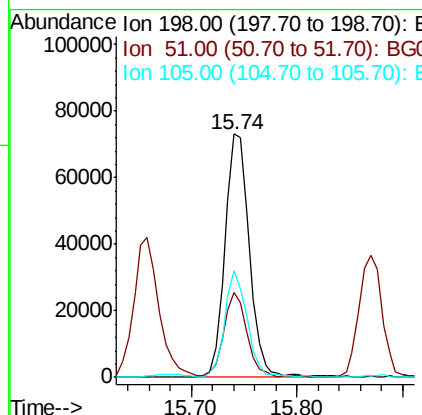
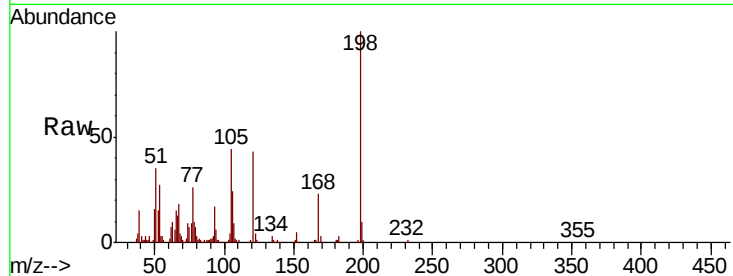
#65
4,6-Dinitro-2-methylphenol
Concen: 39.021 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampled :
TP-28MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	117030		
51	34.7	10.0	50.0	
105	43.7	18.9	58.9	

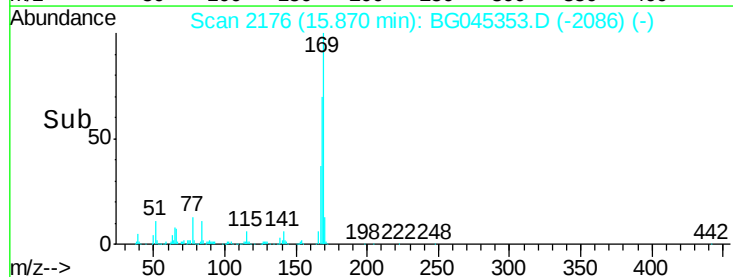
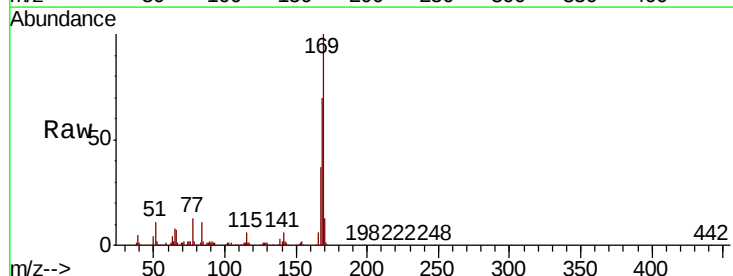
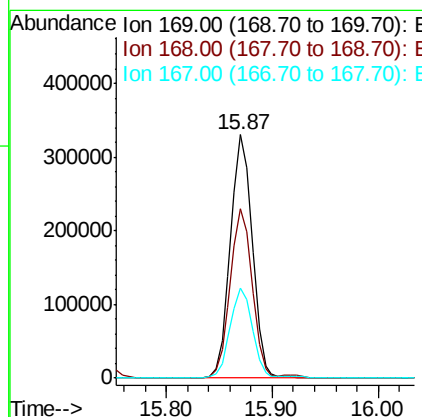
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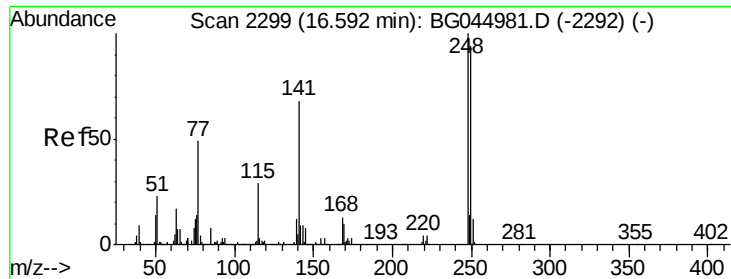
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#66
n-Nitrosodiphenylamine
Concen: 36.163 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	474095		
168	69.7	55.8	83.8	
167	37.0	30.8	46.2	





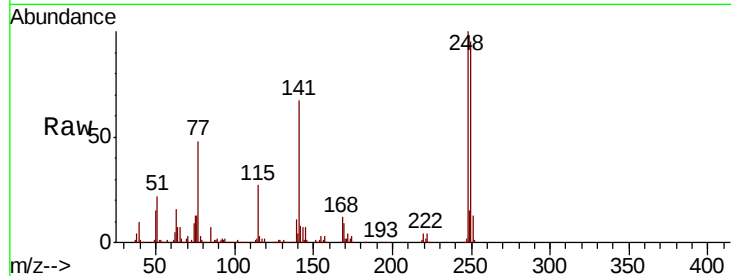
#67
4-Bromophenyl-phenylether
Concen: 34.629 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

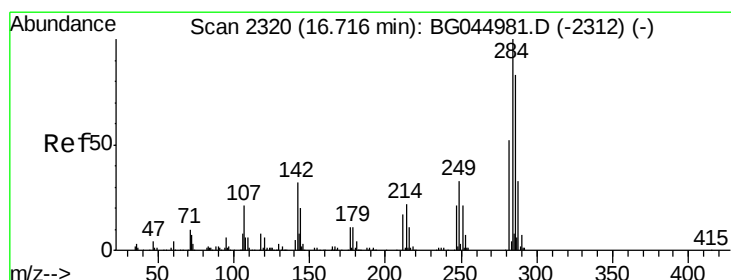
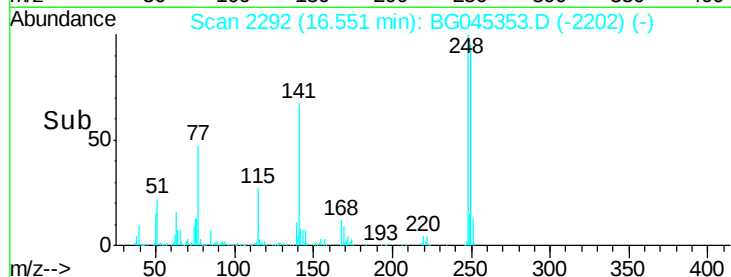
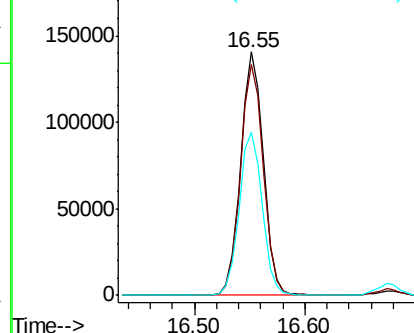
Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	75.4	113.2
141	67.0	54.4	81.6

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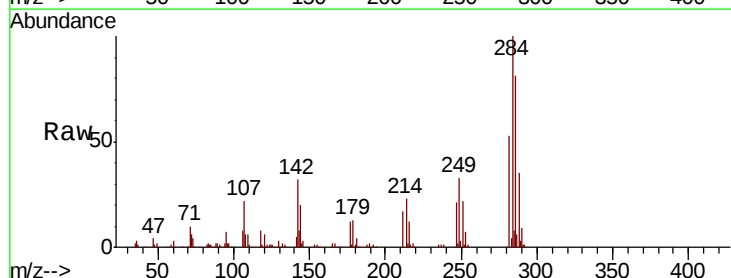


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

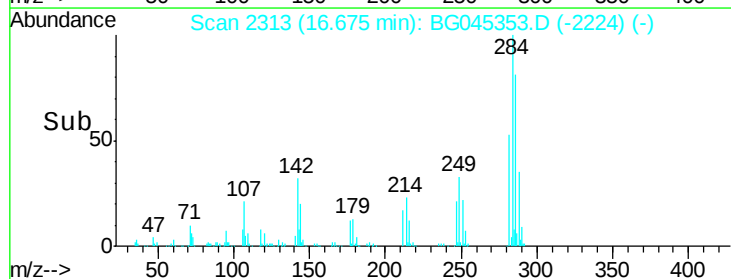
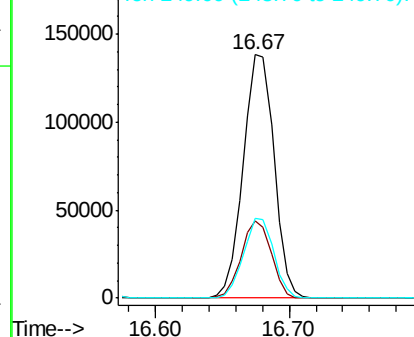


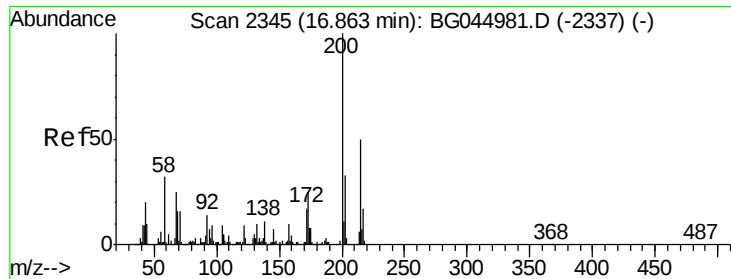
#68
Hexachlorobenzene
Concen: 36.142 ng
RT: 16.67 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.8	38.6
249	32.8	26.6	39.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





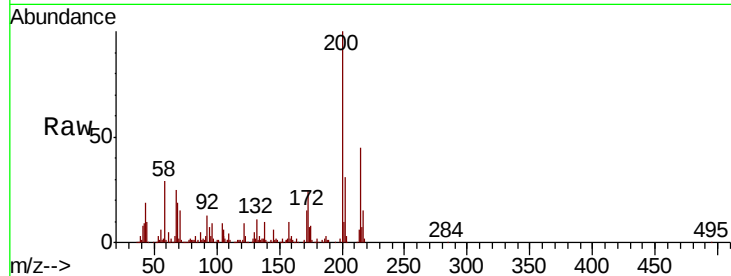
#69
Atrazine
Concen: 37.773 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

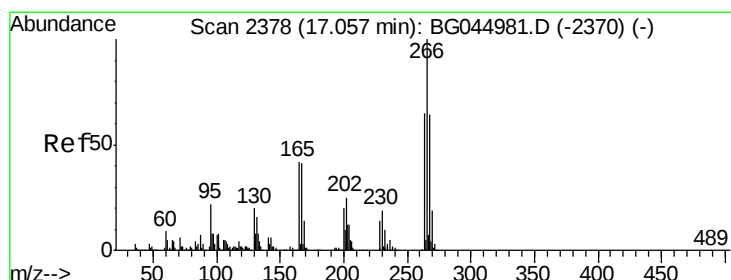
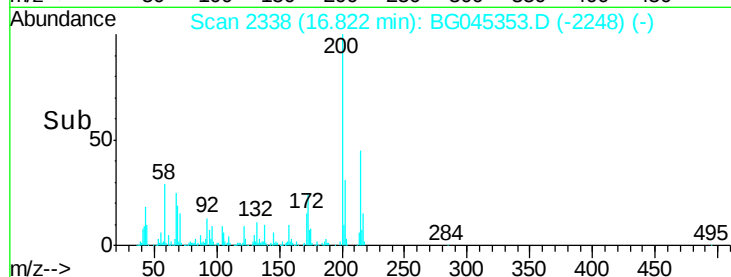
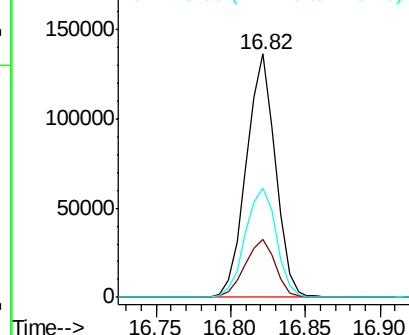
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.8	4.5	44.5
215	45.0	30.0	70.0

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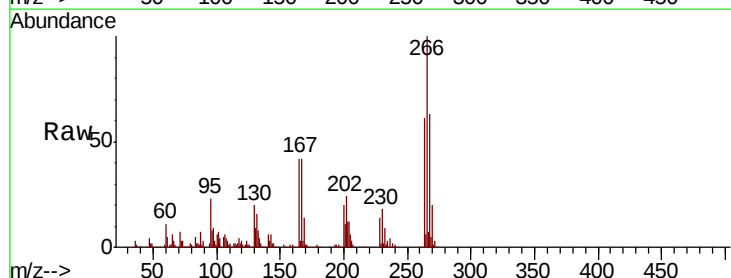


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

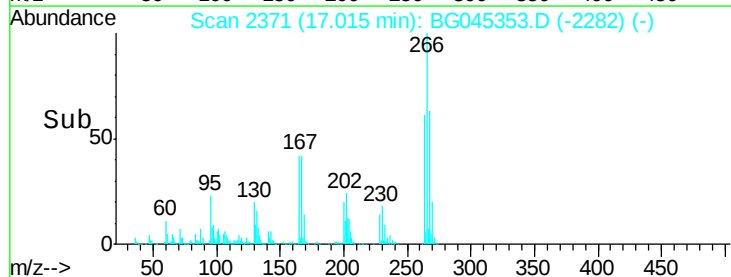
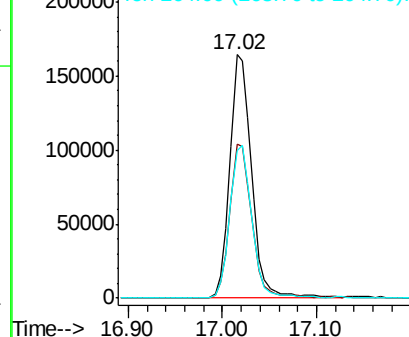


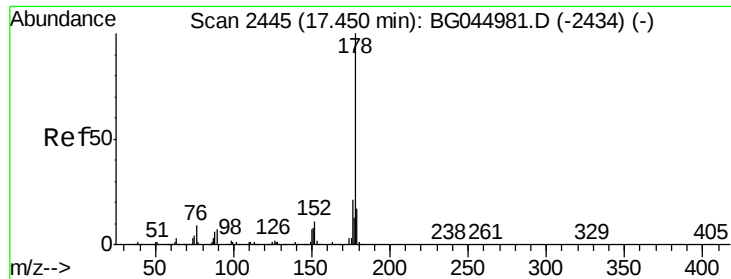
#70
Pentachlorophenol
Concen: 70.668 ng
RT: 17.02 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.2	51.5	77.3
264	60.7	52.2	78.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





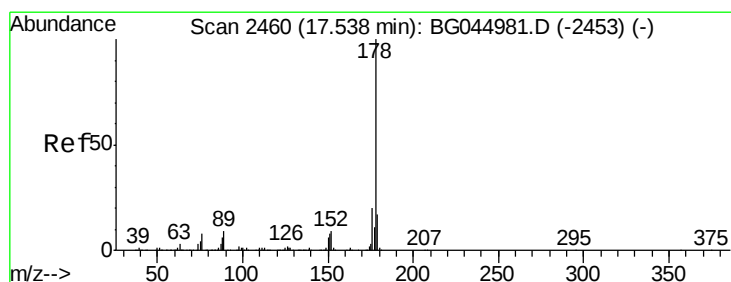
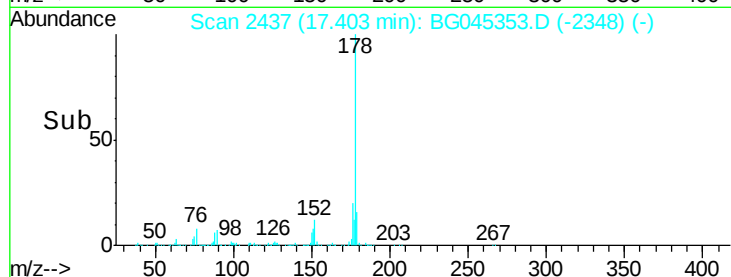
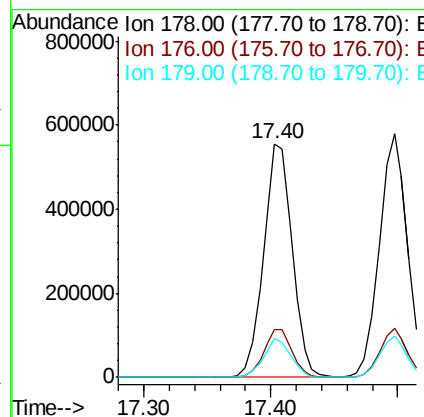
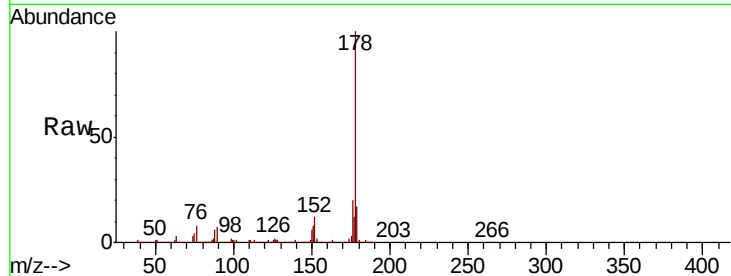
#71
Phenanthrene
Concen: 37.158 ng
RT: 17.40 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.8	25.2
179	16.5	13.2	19.8

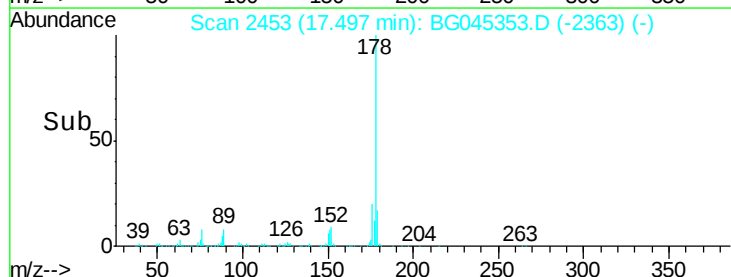
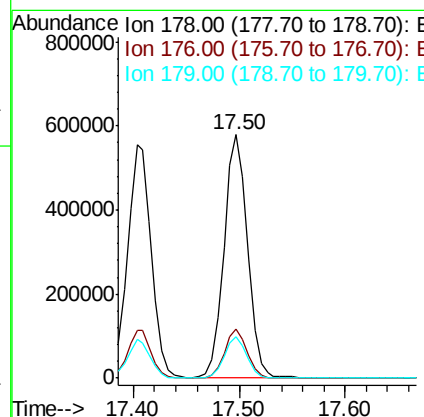
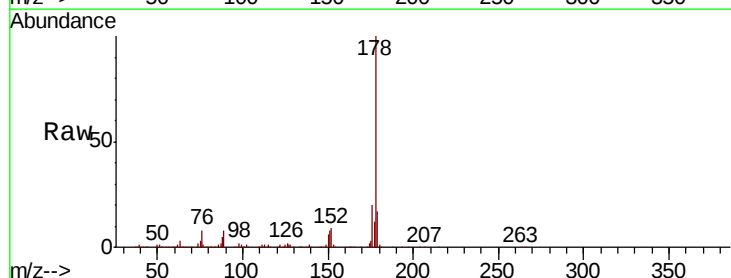
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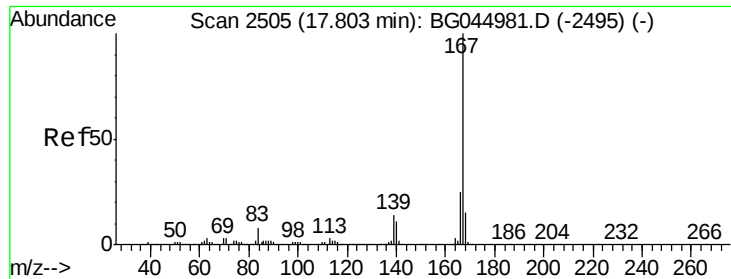
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#72
Anthracene
Concen: 37.964 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	17.2	13.6	20.4





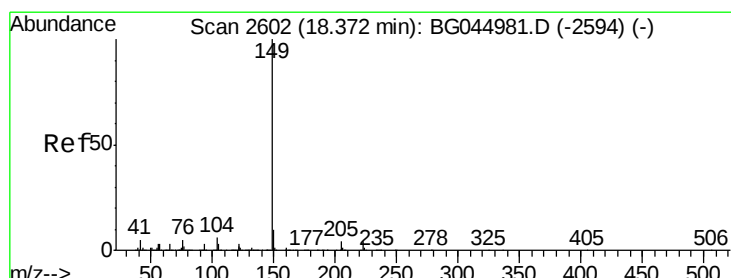
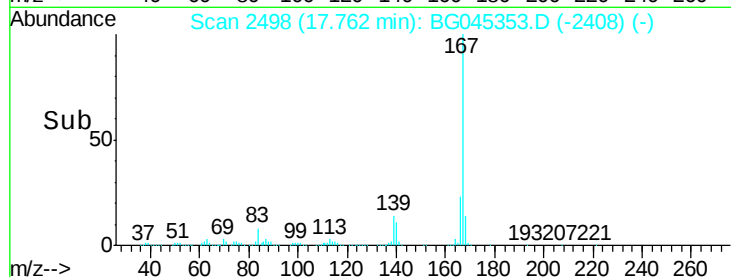
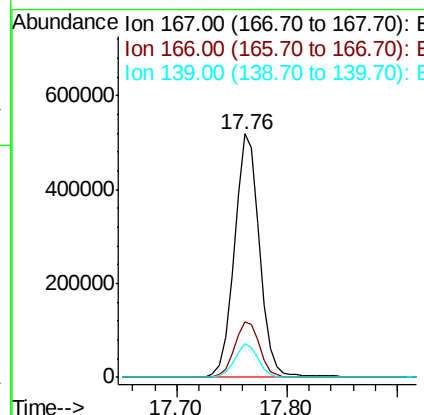
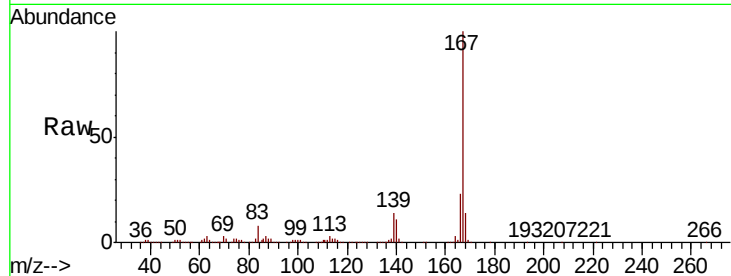
#73
 Carbazole
 Concen: 34.515 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	19.8	29.6
139	14.0	10.9	16.3

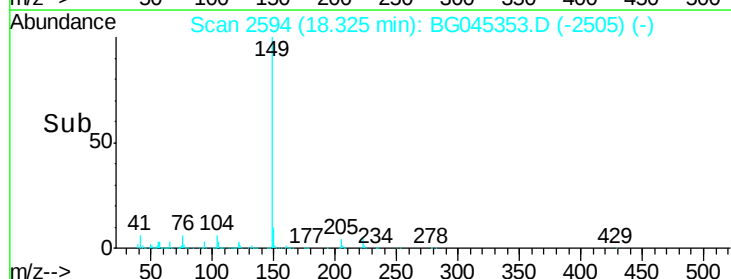
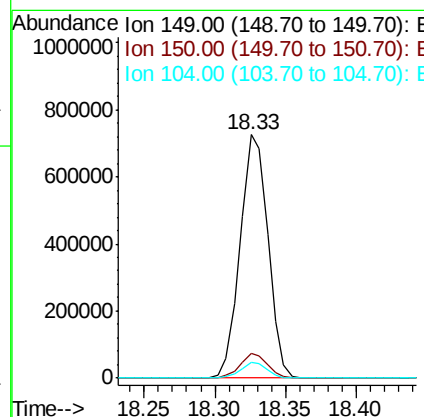
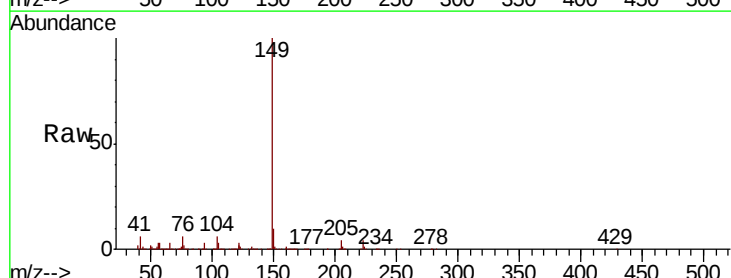
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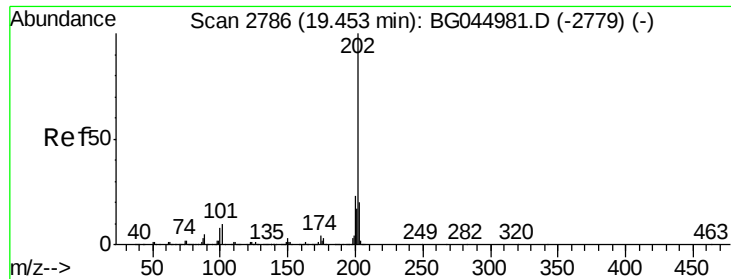
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#74
 Di-n-butylphthalate
 Concen: 37.395 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	6.3	4.8	7.2





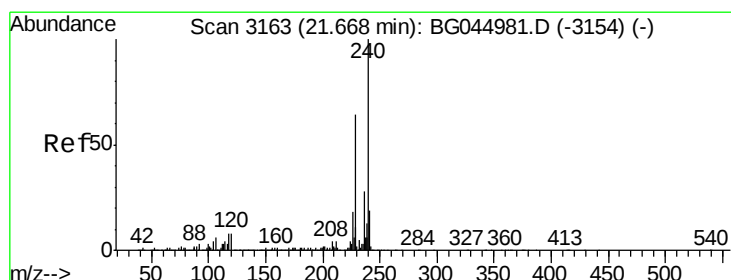
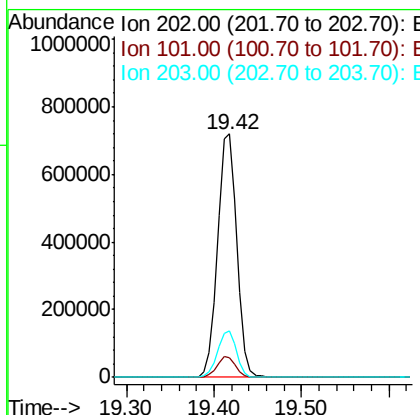
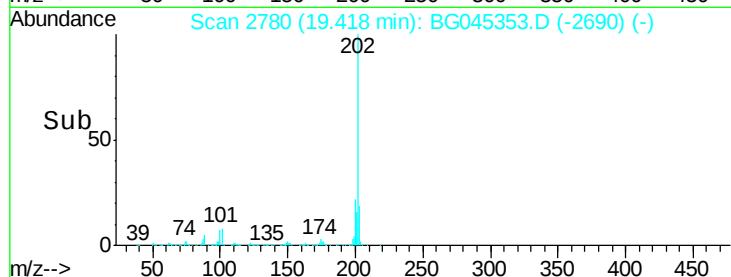
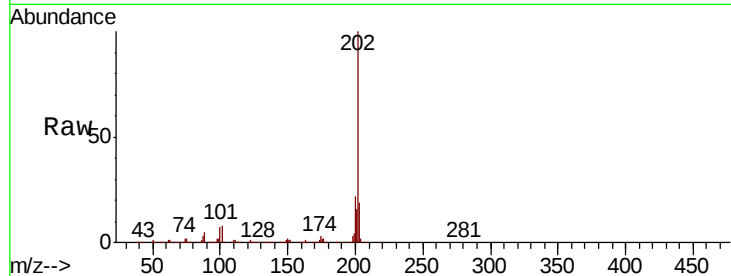
#75
Fluoranthene
Concen: 39.066 ng
RT: 19.42 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1099065		
101	8.2		0.0	29.6
203	19.2		0.0	39.7

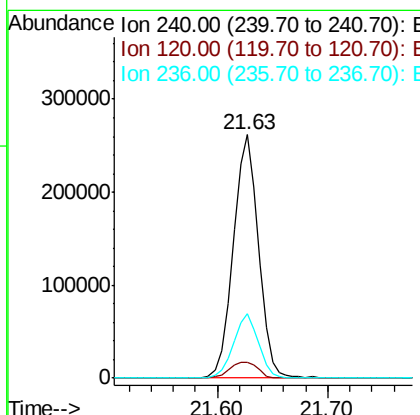
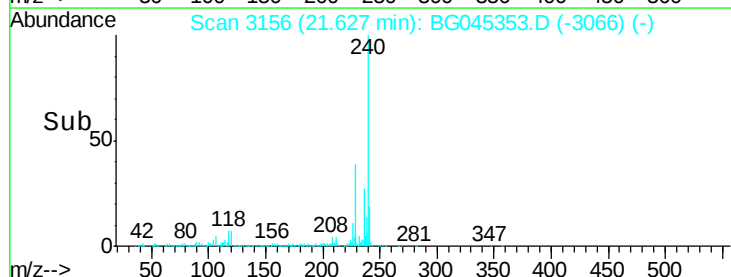
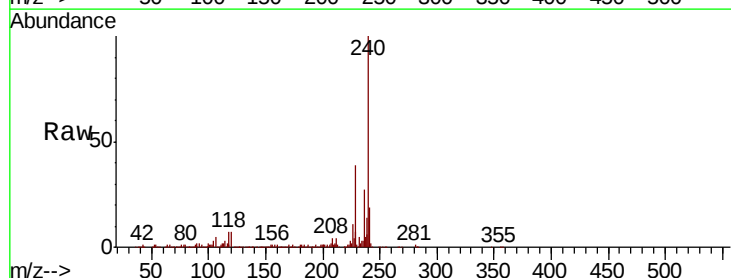
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	420013		
120	6.7		6.6	10.0
236	26.6		22.2	33.2





#77

Benzidine

Concen: 39.006 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

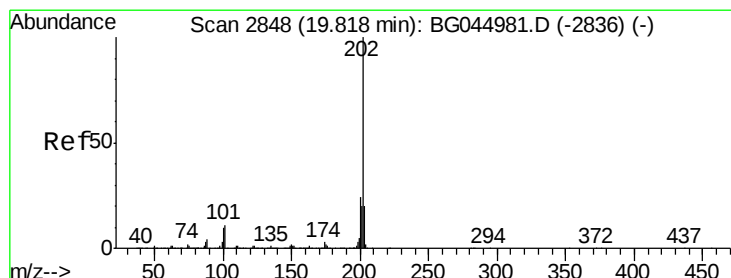
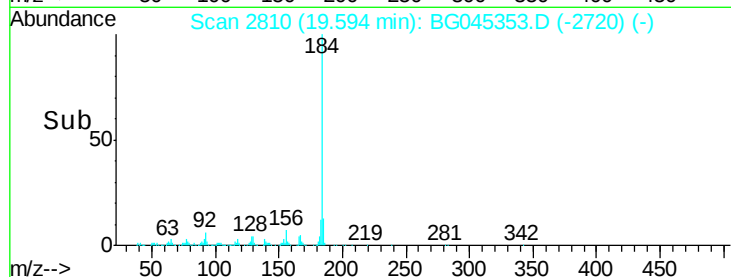
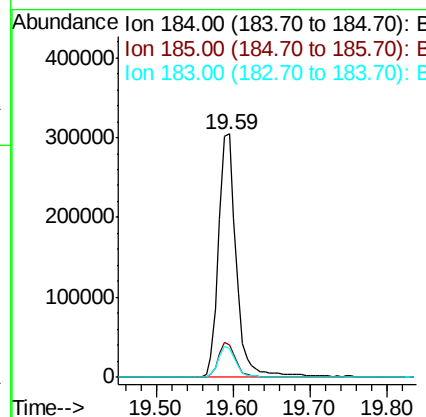
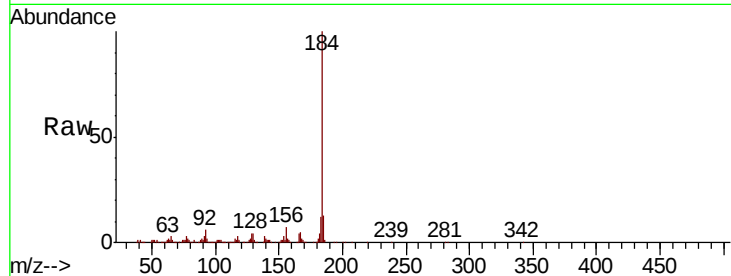
ClientSampleId :

TP-28MSD

Tot Ion:	184	Resp:	484168
Ion Ratio	Lower	Upper	
184	100		
185	13.2	12.6	19.0
183	11.8	11.3	16.9

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#78

Pyrene

Concen: 37.499 ng

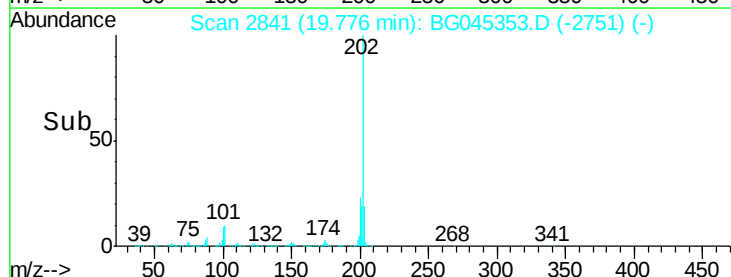
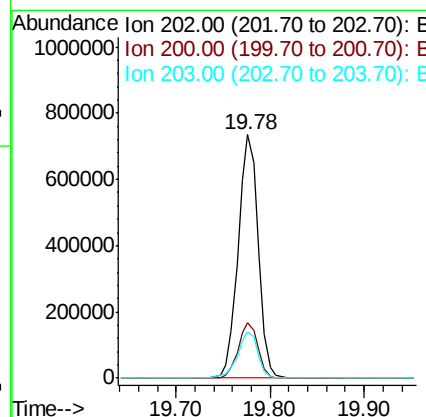
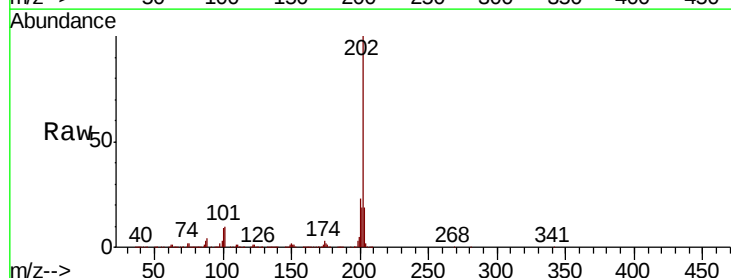
RT: 19.78 min Scan# 2841

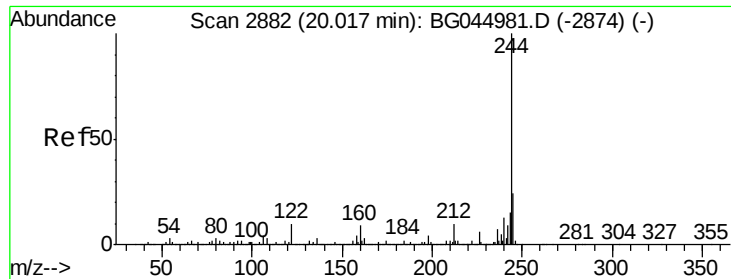
Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Tgt Ion:	202	Resp:	1085821
Ion Ratio	Lower	Upper	
202	100		
200	23.0	19.0	28.6
203	18.9	16.1	24.1





#79

Terphenyl-d14

Concen: 87.245 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampleId :

TP-28MSD

Tot Ion:244 Resp: 1681258

Ion Ratio Lower Upper

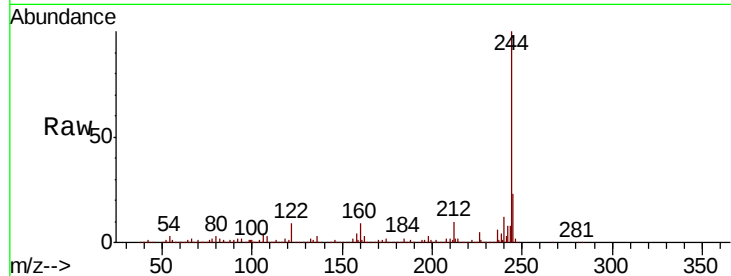
244 100

212 9.5 7.9 11.9

122 8.6 7.7 11.5

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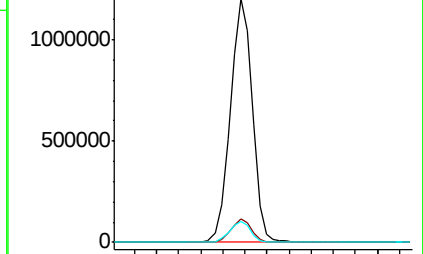
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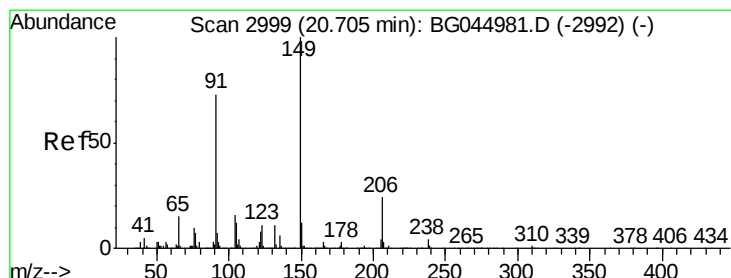
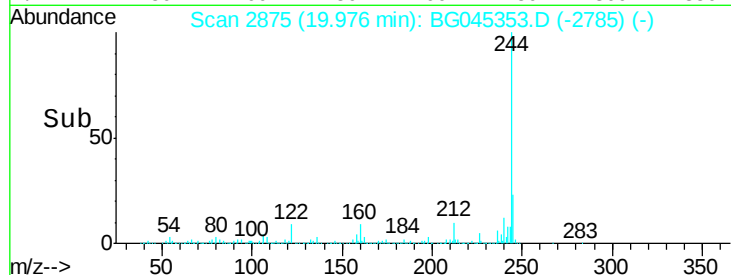
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 37.627 ng

RT: 20.66 min Scan# 2992

Delta R.T. -0.01 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

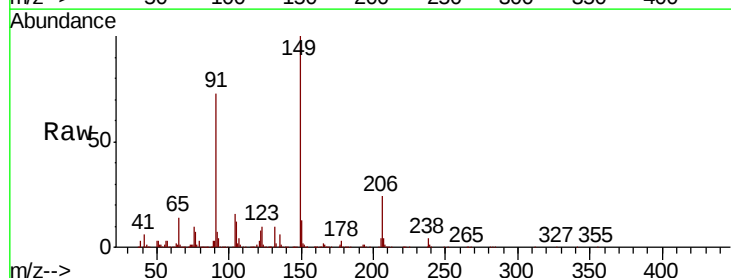
Tgt Ion:149 Resp: 451624

Ion Ratio Lower Upper

149 100

91 73.4 58.5 87.7

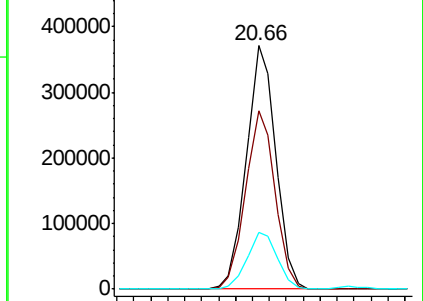
206 23.5 19.2 28.8



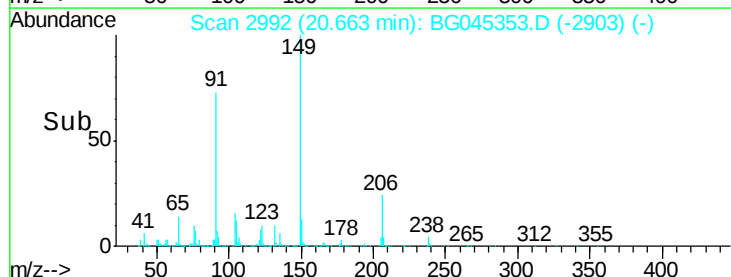
Abundance Ion 149.00 (148.70 to 149.70): E

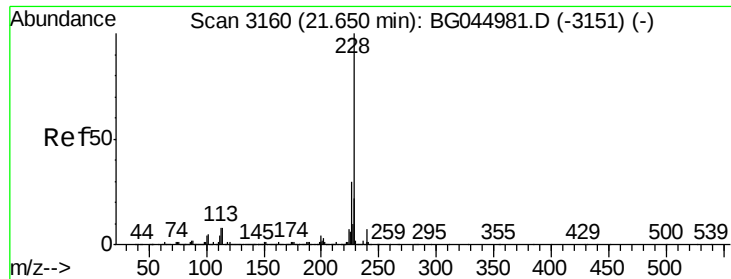
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time-->





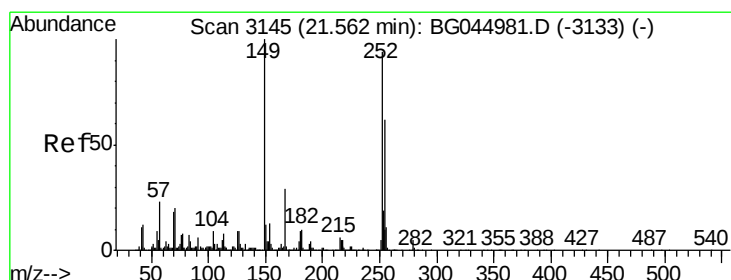
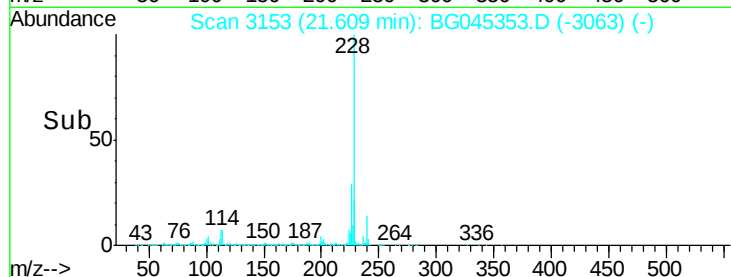
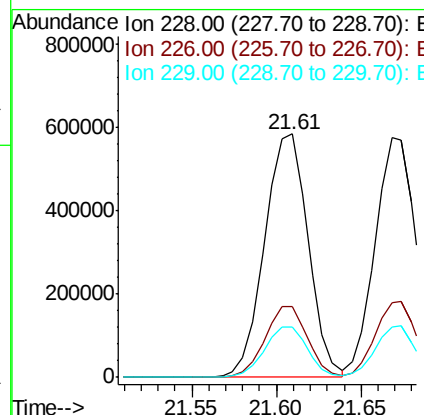
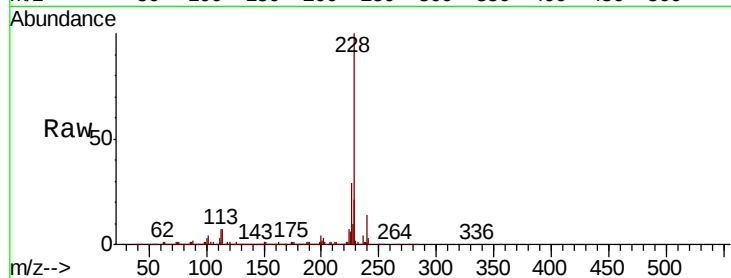
#81
Benzo(a)anthracene
Concen: 38.269 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	20.7	17.5	26.3

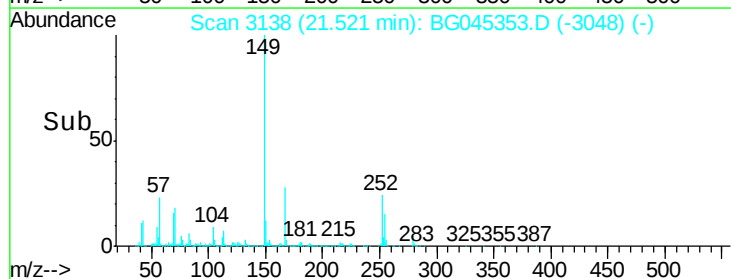
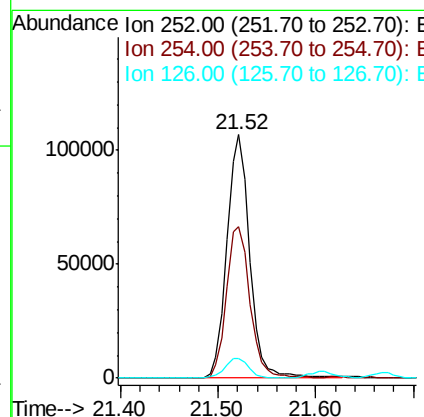
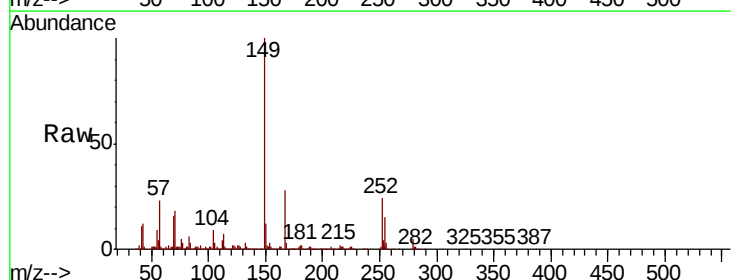
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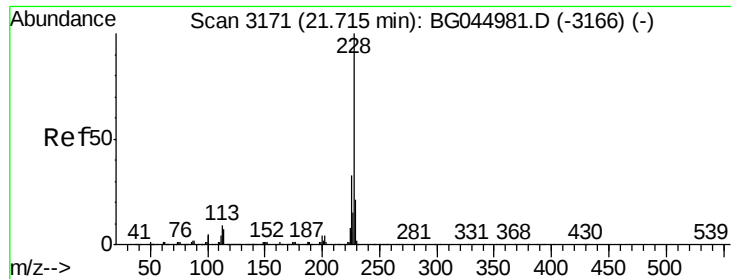
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#82
3,3'-Dichlorobenzidine
Concen: 16.063 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.1	52.6	79.0
126	8.1	7.5	11.3





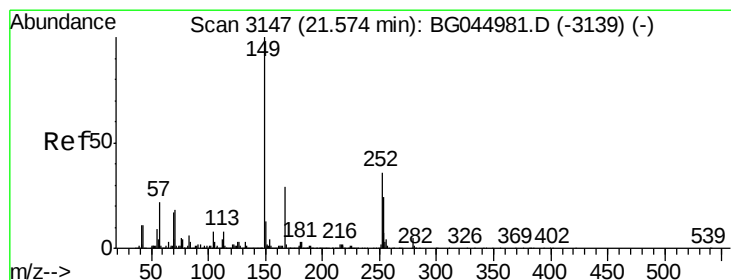
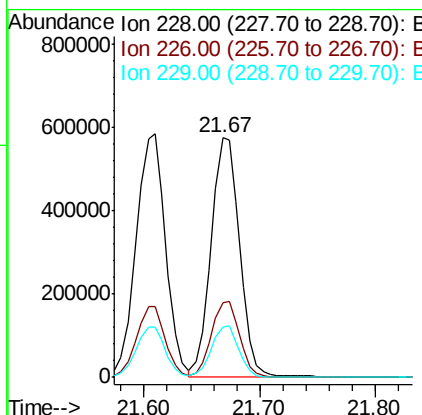
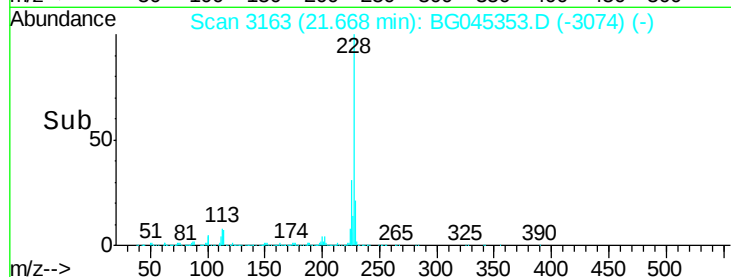
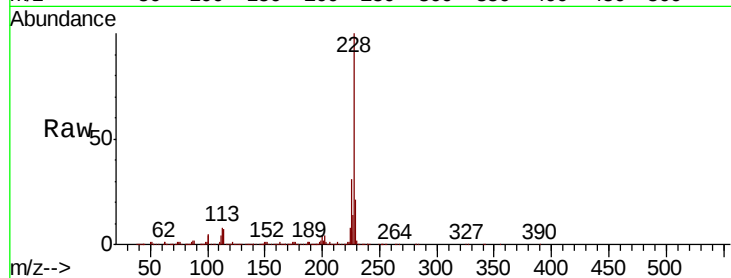
#83
Chrysene
Concen: 37.608 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tot Ion:	228	Resp:	983670
Ion Ratio	Lower	Upper	
228	100		
226	31.3	26.2	39.4
229	21.0	17.0	25.6

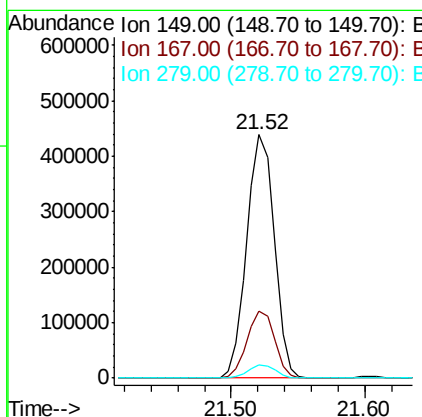
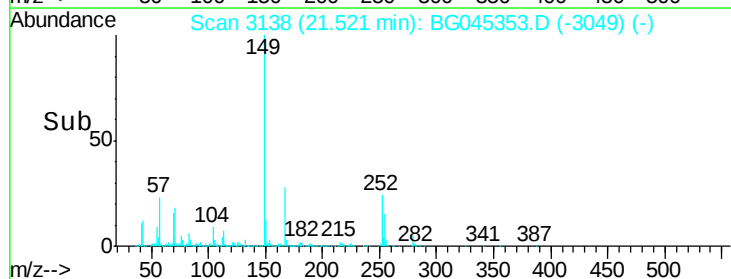
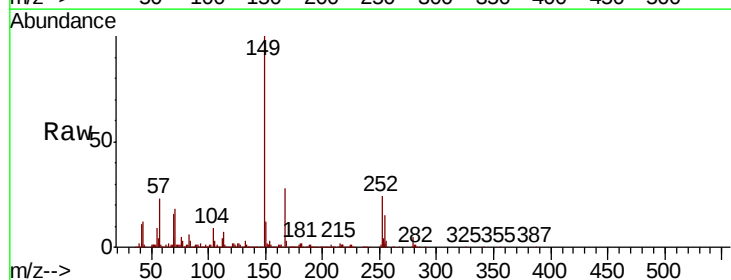
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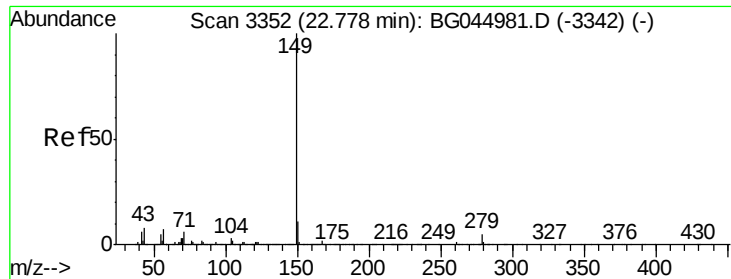
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.829 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion:	149	Resp:	624473
Ion Ratio	Lower	Upper	
149	100		
167	27.6	23.4	35.0
279	5.4	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 37.295 ng

RT: 22.71 min Scan# 3341

Delta R.T. -0.01 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

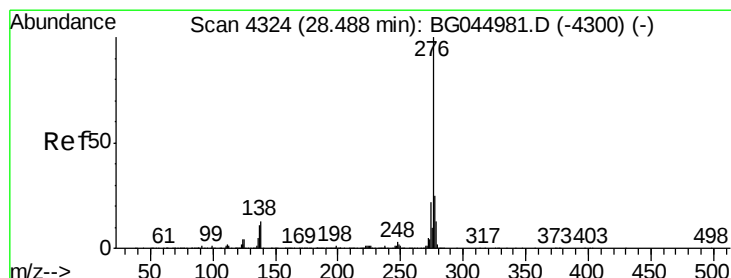
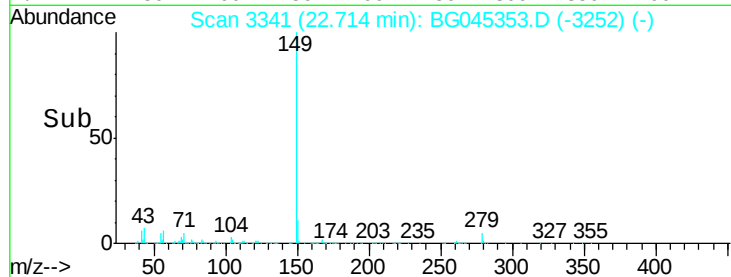
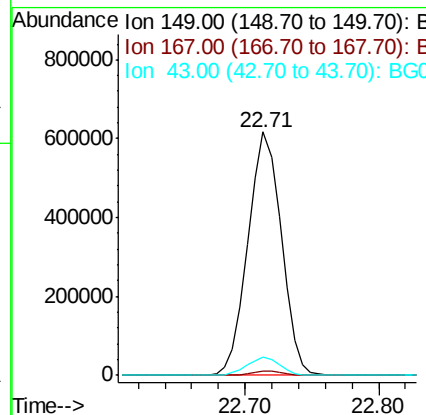
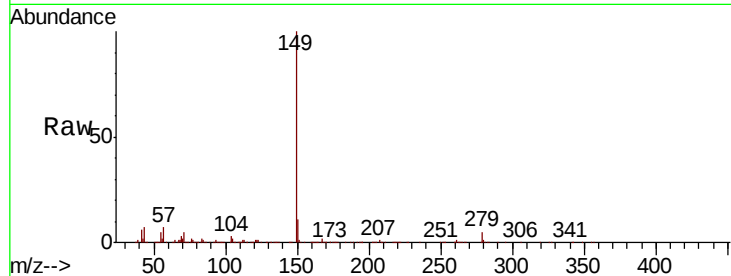
ClientSampleId :

TP-28MSD

Tot Ion:	149	Resp:	1064621
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	7.1	5.7	8.5

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#86

Indeno(1,2,3-cd)pyrene

Concen: 37.964 ng

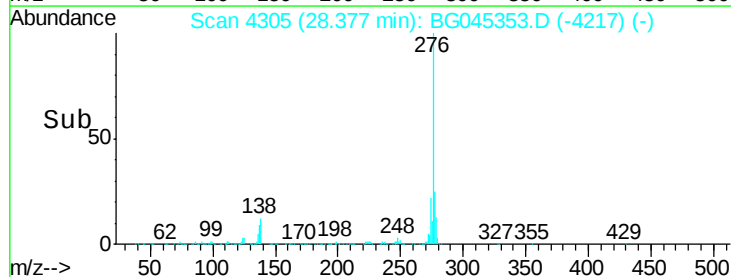
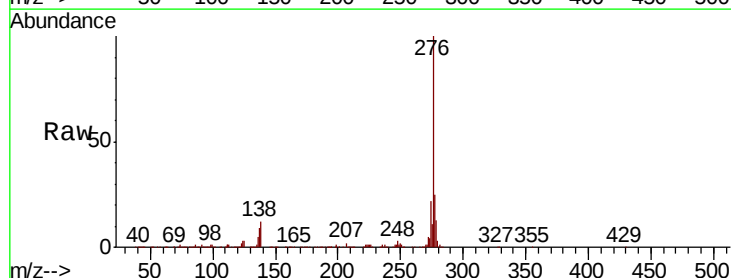
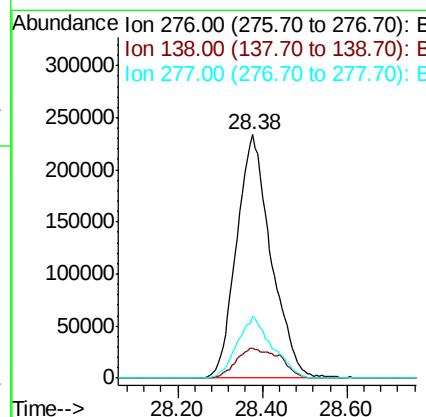
RT: 28.38 min Scan# 4305

Delta R.T. -0.02 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Tgt Ion:	276	Resp:	1318392
Ion	Ratio	Lower	Upper
276	100		
138	15.7	9.6	14.4#
277	25.4	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

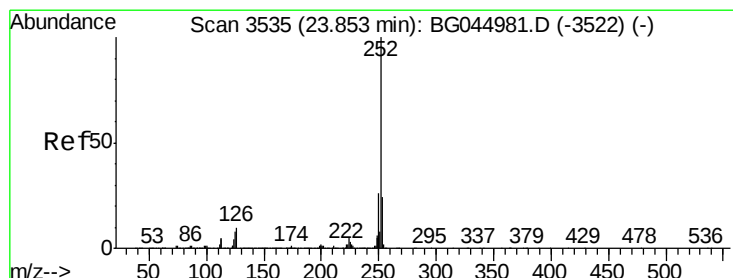
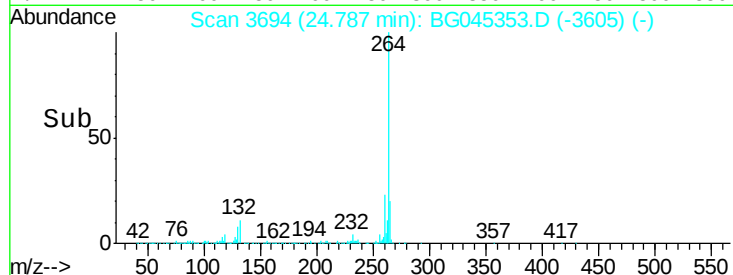
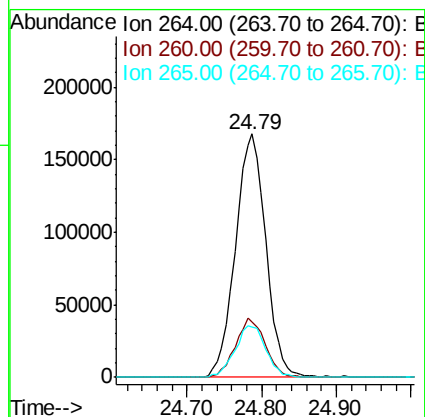
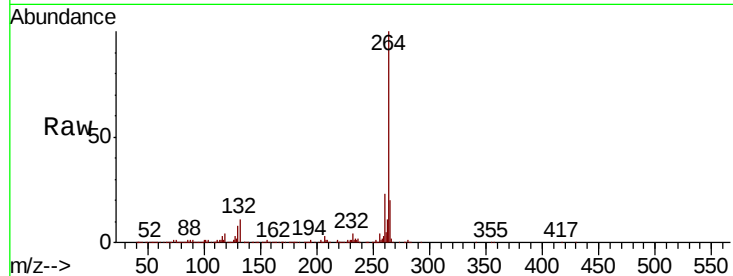
ClientSampleId :

TP-28MSD

Tot Ion:	264	Resp:	474151
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.2	28.8
265	20.4	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 36.756 ng m

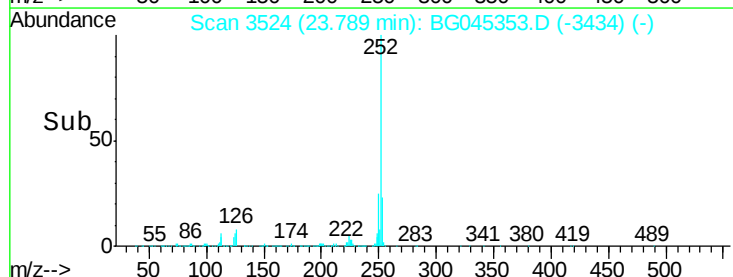
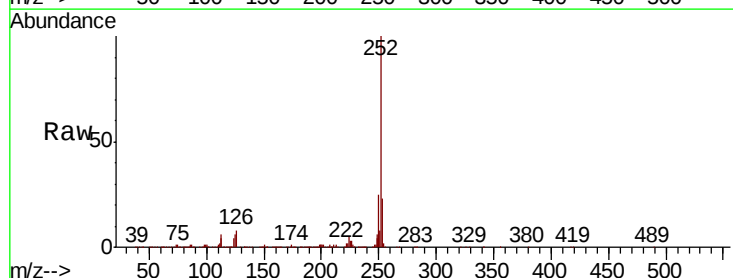
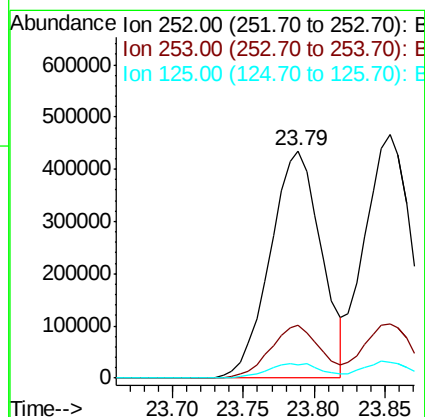
RT: 23.79 min Scan# 3524

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Tgt Ion:	252	Resp:	1091682
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.8	28.2
125	6.0	6.2	9.4#





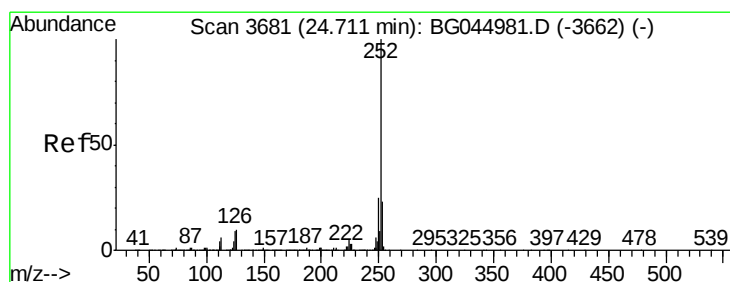
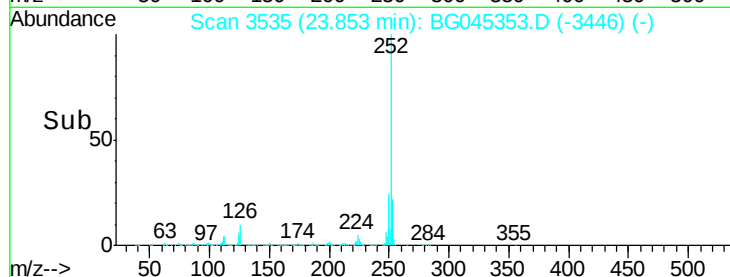
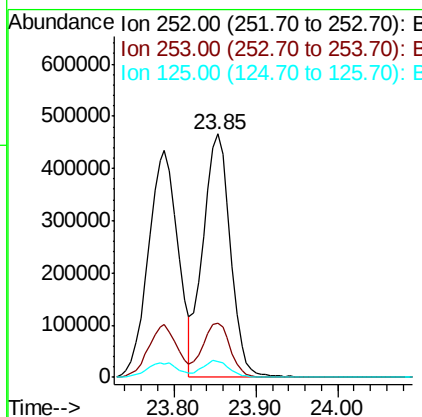
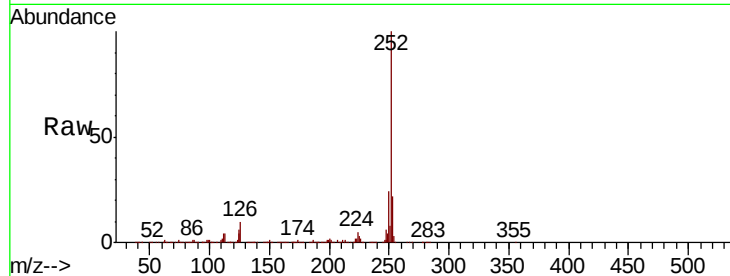
#89
Benzo(k)fluoranthene
Concen: 38.229 ng
RT: 23.85 min Scan# 3535
Delta R.T. -0.01 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.2	28.8
125	6.4	5.9	8.9

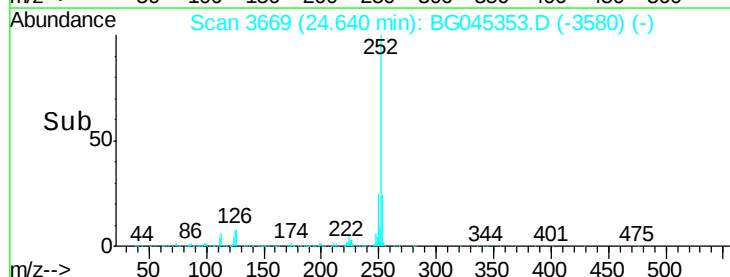
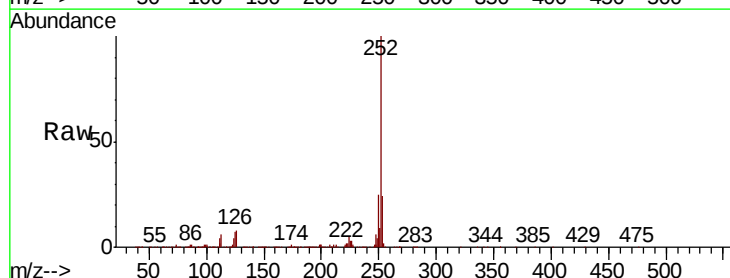
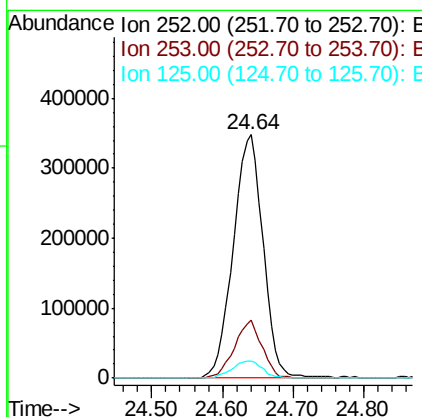
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#90
Benzo(a)pyrene
Concen: 36.350 ng
RT: 24.64 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.3	27.5
125	7.2	7.0	10.6





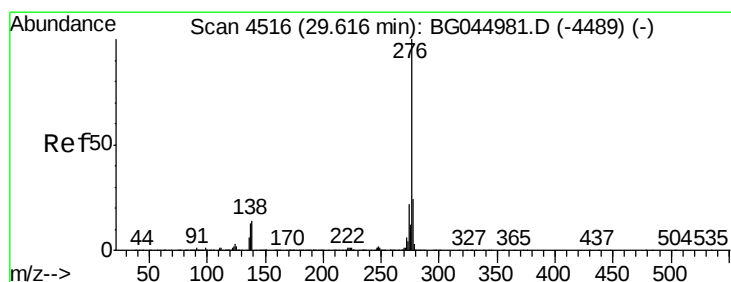
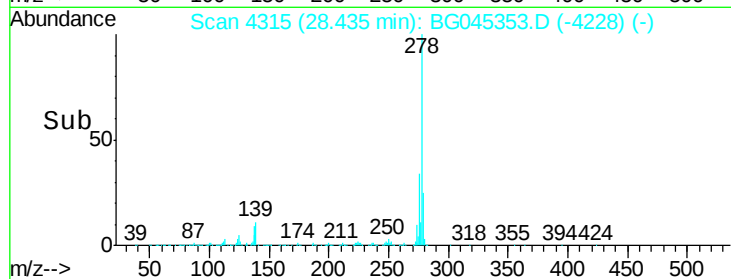
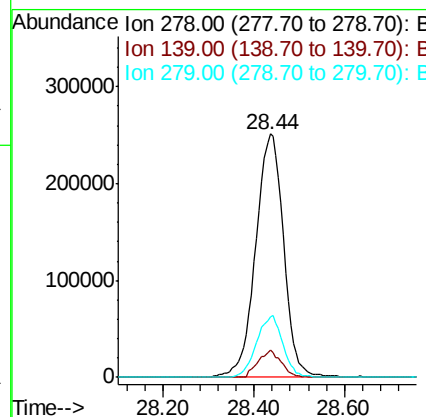
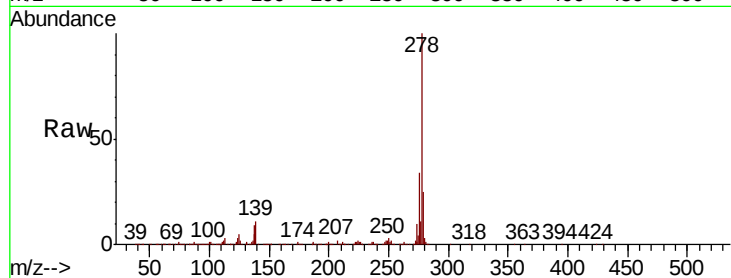
#91
Dibenzo(a,h)anthracene
Concen: 38.060 ng
RT: 28.44 min Scan# 4315
Delta R.T. -0.02 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.0	9.0	13.6
279	24.9	18.4	27.6

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#92
Benzo(g,h,i)perylene
Concen: 38.333 ng
RT: 29.50 min Scan# 4497
Delta R.T. -0.01 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.3	28.9
138	13.5	11.4	17.2

