

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045297.D
 Acq On : 11 May 2020 15:24
 Operator : CG/JU
 Sample : L2495-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

Manual Integrations
 APPROVED

mohammad
 5/13/2020 8:15:08 AM

Quant Time: May 11 16:04:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	64701	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	254373	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	184939	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	460364	20.00	ng	0.00
76) Chrysene-d12	21.63	240	448258	20.00	ng	0.00
87) Perylene-d12	24.80	264	498246	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	422664	107.85	ng	0.00
7) Phenol-d6	7.15	99	528305	90.73	ng	0.00
23) Nitrobenzene-d5	9.13	82	432449	77.57	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	334552	117.10	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	980746	77.76	ng	0.00
79) Terphenyl-d14	19.98	244	1793497	87.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	60885	34.96	ng	# 21
3) Pyridine	3.85	79	116742	21.77	ng	98
4) n-Nitrosodimethylamine	3.75	42	60667	36.93	ng	91
6) Aniline	7.30	93	188405	24.89	ng	98
8) 2-Chlorophenol	7.54	128	167244	39.71	ng	96
9) Benzaldehyde	7.11	77	93234	24.89	ng	98
10) Phenol	7.17	94	184695	31.70	ng	99
11) bis(2-Chloroethyl)ether	7.39	93	159600	34.40	ng	97
12) 1,3-Dichlorobenzene	7.86	146	182712	36.81	ng	97
13) 1,4-Dichlorobenzene	8.01	146	182022	36.81	ng	98
14) 1,2-Dichlorobenzene	8.33	146	173374	36.64	ng	94
15) Benzyl Alcohol	8.21	79	174820	35.81	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.51	45	144941	31.83	ng	96
17) 2-Methylphenol	8.42	107	149615	33.28	ng	94
18) Hexachloroethane	9.06	117	69819	37.55	ng	97
19) n-Nitroso-di-n-propylamine	8.78	70	144628	35.12	ng	93
20) 3+4-Methylphenols	8.75	107	202325	32.15	ng	99
22) Acetophenone	8.80	105	267338	38.86	ng	99
24) Nitrobenzene	9.18	77	217186	38.01	ng	97
25) Isophorone	9.70	82	415263	36.37	ng	99
26) 2-Nitrophenol	9.90	139	96421	39.17	ng	98
27) 2,4-Dimethylphenol	9.96	122	160046	40.98	ng	95
28) bis(2-Chloroethoxy)methane	10.18	93	220790	36.81	ng	98
29) 2,4-Dichlorophenol	10.44	162	174717	38.74	ng	97
30) 1,2,4-Trichlorobenzene	10.65	180	189787	37.17	ng	97
31) Naphthalene	10.84	128	515406	37.04	ng	99
32) Benzoic acid	10.09	122	70652	25.79	ng	93
33) 4-Chloroaniline	10.94	127	60032	9.25	ng	98
34) Hexachlorobutadiene	11.13	225	128785	36.79	ng	96
35) Caprolactam	11.70	113	47364m	26.39	ng	
36) 4-Chloro-3-methylphenol	12.07	107	204655	38.63	ng	97
37) 2-Methylnaphthalene	12.44	142	394128	36.49	ng	97
38) 1-Methylnaphthalene	12.66	142	379294	37.20	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	224807	37.75	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	268435	72.13	ng	97
43) 2,4,6-Trichlorophenol	13.05	196	159058	37.85	ng	97
44) 2,4,5-Trichlorophenol	13.13	196	175173	36.62	ng	96
46) 1,1'-Biphenyl	13.46	154	519235	36.94	ng	97
47) 2-Chloronaphthalene	13.49	162	393868	36.67	ng	98
48) 2-Nitroaniline	13.69	65	134132	37.96	ng	97
49) Acenaphthylene	14.34	152	673389	38.49	ng	99
50) Dimethylphthalate	14.07	163	740555	49.18	ng	98
51) 2,6-Dinitrotoluene	14.19	165	128434	38.13	ng	97
52) Acenaphthene	14.68	154	505108m	42.67	ng	
53) 3-Nitroaniline	14.52	138	69467	18.80	ng	93
54) 2,4-Dinitrophenol	14.73	184	164144	81.96	ng	93
55) Dibenzofuran	15.02	168	653731	37.88	ng	98
56) 4-Nitrophenol	14.84	139	182408	63.68	ng	92
57) 2,4-Dinitrotoluene	14.98	165	187421	38.08	ng	# 97
58) Fluorene	15.67	166	547545	38.84	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	172400	40.50	ng	98
60) Diethylphthalate	15.44	149	590354	37.60	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	299640	36.93	ng	100
62) 4-Nitroaniline	15.68	138	132365	34.55	ng	89
63) Azobenzene	15.95	77	558518	38.59	ng	97
65) 4,6-Dinitro-2-methylphenol	15.75	198	119799	39.59	ng	97
66) n-Nitrosodiphenylamine	15.88	169	491185	37.13	ng	98
67) 4-Bromophenyl-phenylether	16.56	248	203641	34.29	ng	95
68) Hexachlorobenzene	16.68	284	225019	36.53	ng	99
69) Atrazine	16.82	200	196328	40.18	ng	96
70) Pentachlorophenol	17.02	266	272281	72.06	ng	97
71) Phenanthrene	17.41	178	912449	38.57	ng	99
72) Anthracene	17.50	178	932144	39.28	ng	99
73) Carbazole	17.77	167	875404	36.35	ng	98
74) Di-n-butylphthalate	18.33	149	1041533	38.91	ng	99
75) Fluoranthene	19.42	202	1153453	40.92	ng	98
77) Benzidine	19.60	184	350386	24.24	ng	96
78) Pyrene	19.78	202	1147429	37.13	ng	98
80) Butylbenzylphthalate	20.67	149	480303	37.50	ng	99
81) Benzo(a)anthracene	21.62	228	1110257	38.21	ng	98
82) 3,3'-Dichlorobenzidine	21.53	252	174382	15.08	ng	99
83) Chrysene	21.68	228	1061695	38.03	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	669316	37.99	ng	99
85) Di-n-octyl phthalate	22.73	149	1145247	37.59	ng	100
86) Indeno(1,2,3-cd)pyrene	28.40	276	1417960	38.26	ng	# 95
88) Benzo(b)fluoranthene	23.80	252	1164776	37.32	ng	99
89) Benzo(k)fluoranthene	23.87	252	1164903	39.25	ng	99
90) Benzo(a)pyrene	24.65	252	1101210	37.37	ng	98
91) Dibenzo(a,h)anthracene	28.46	278	1153263	38.84	ng	97
92) Benzo(g,h,i)perylene	29.53	276	1174681	39.46	ng	97

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



#1

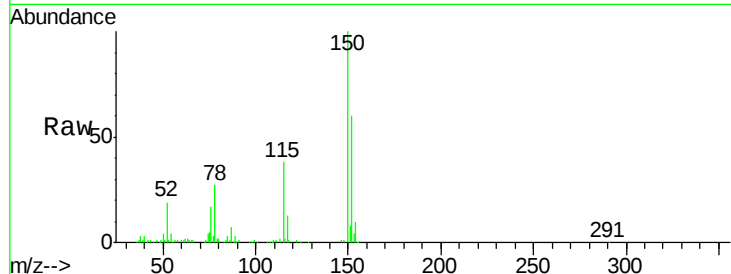
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

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HR-05-050720MS

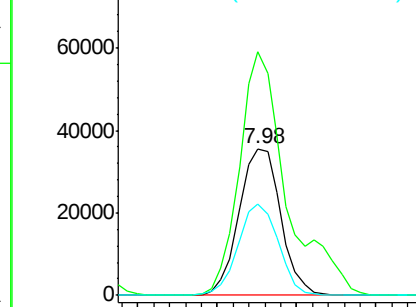
Tgt Ion	Ratio	Lower	Upper
152	100		
150	165.7	123.6	185.4
115	62.4	49.1	73.7

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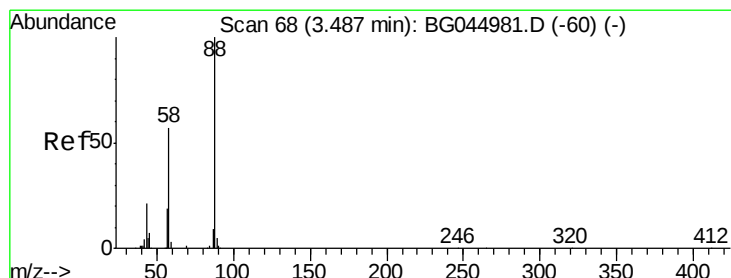
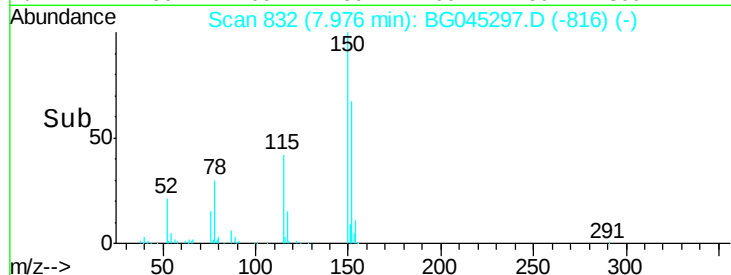
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



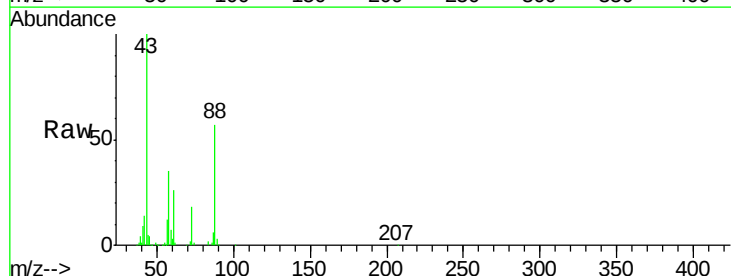
Time-->



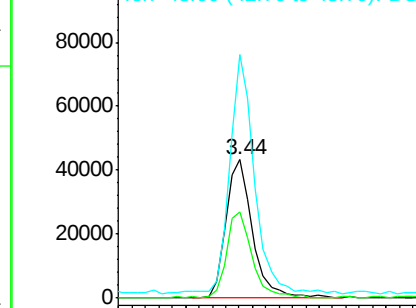
#2

1,4-Dioxane
Concen: 34.96 ng
RT: 3.44 min Scan# 60
Delta R.T. 0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

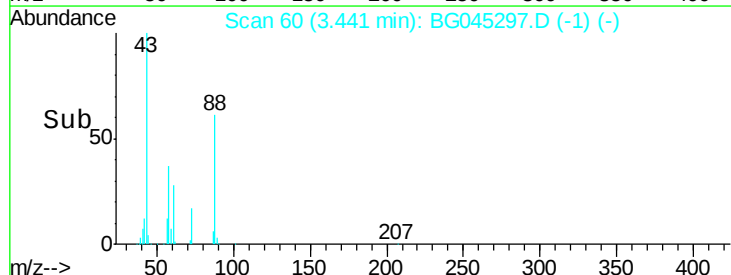
Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.8	46.6	69.8
43	158.9	17.5	26.3#

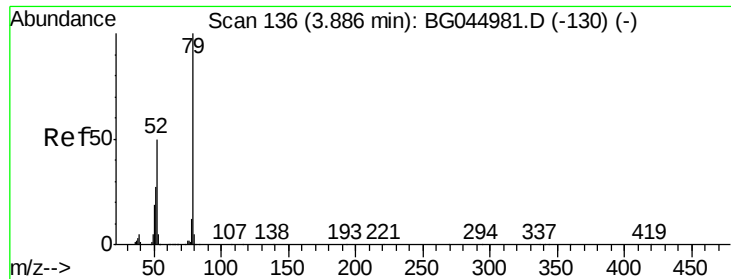


Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC



Time-->





#3

Pyridine

Concen: 21.77 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

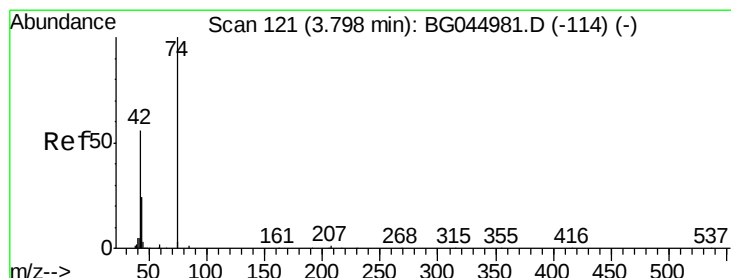
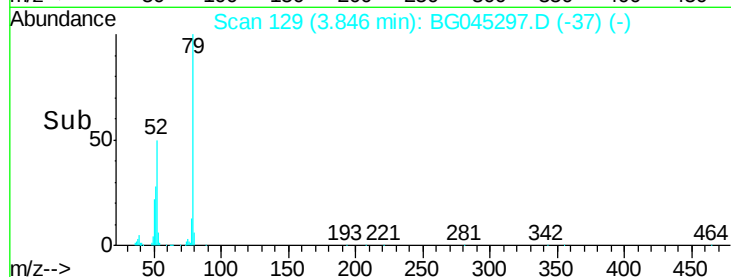
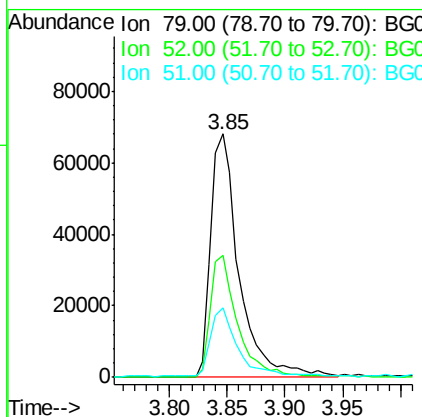
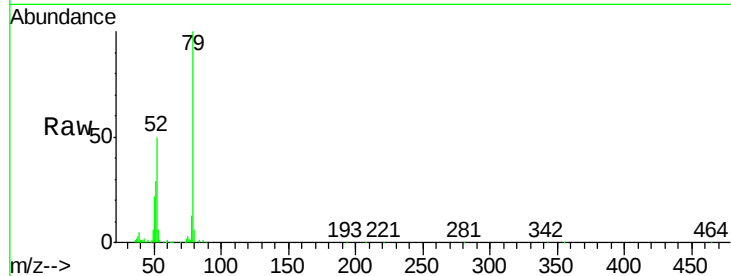
ClientSampleId :

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Tgt Ion:	79	Resp:	116742
Ion	Ratio	Lower	Upper
79	100		
52	50.3	39.8	59.6
51	28.6	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 36.93 ng

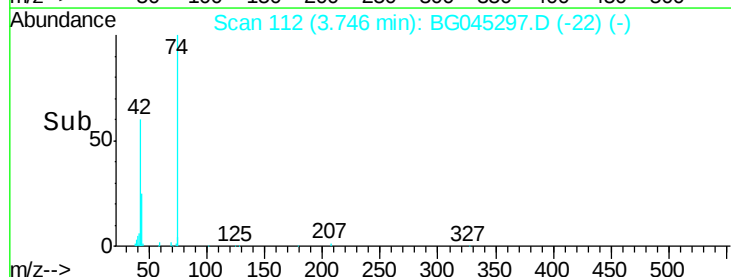
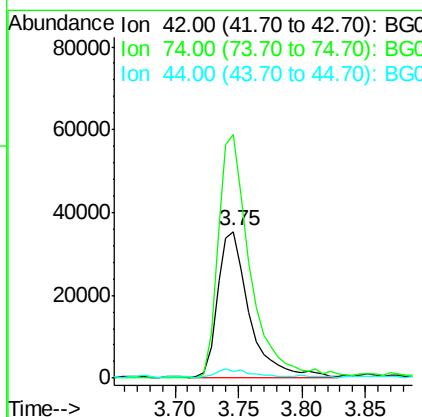
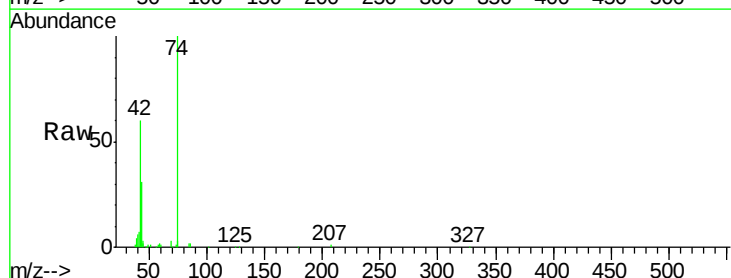
RT: 3.75 min Scan# 112

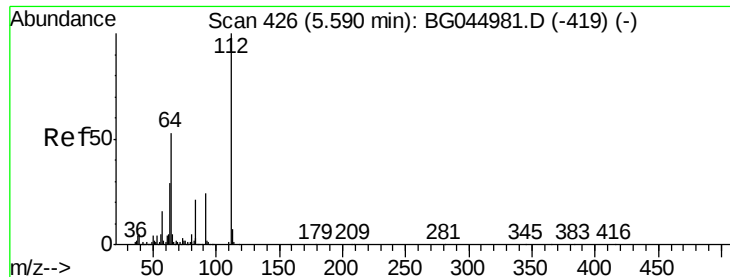
Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Tgt Ion:	42	Resp:	60667
Ion	Ratio	Lower	Upper
42	100		
74	166.4	143.0	214.6
44	4.9	4.6	6.8





#5

2-Fluorophenol

Concen: 107.85 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

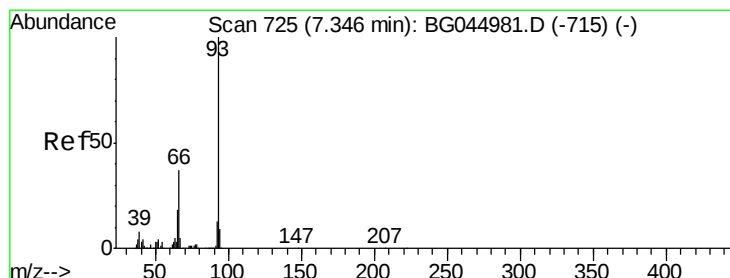
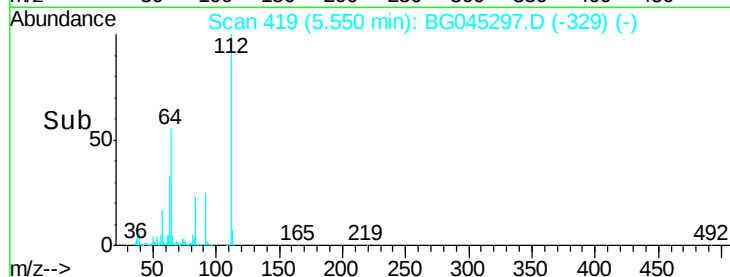
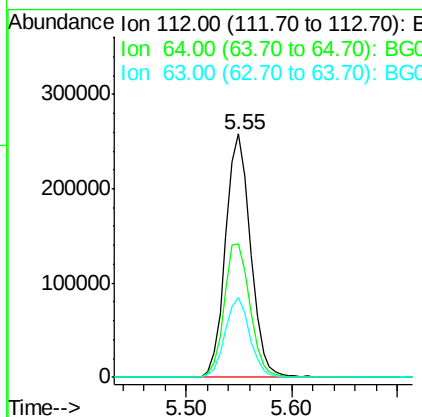
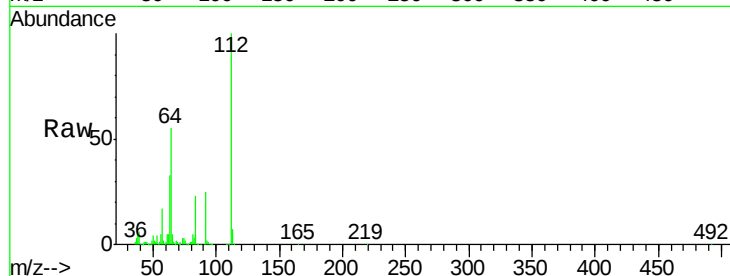
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Tgt Ion:	112	Resp:	422664
Ion Ratio	Lower	Upper	
112	100		
64	54.8	42.4	63.6
63	32.7	23.1	34.7

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#6

Aniline

Concen: 24.89 ng

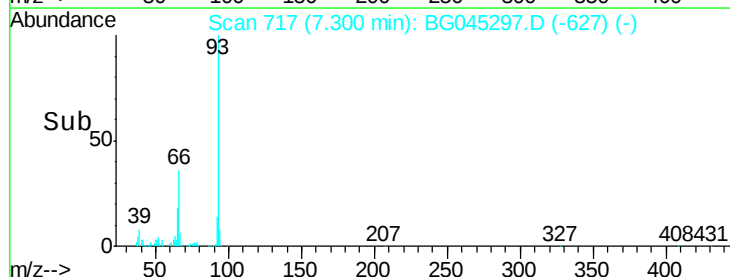
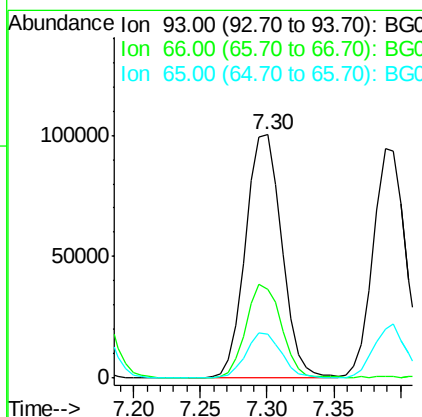
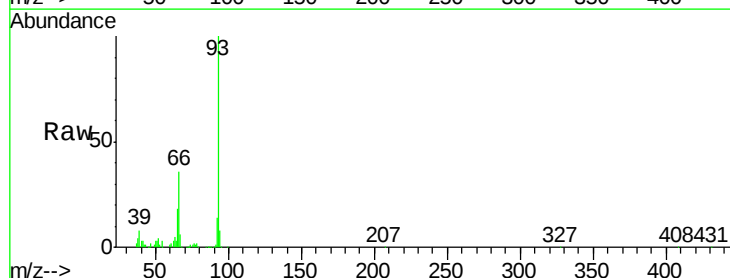
RT: 7.30 min Scan# 717

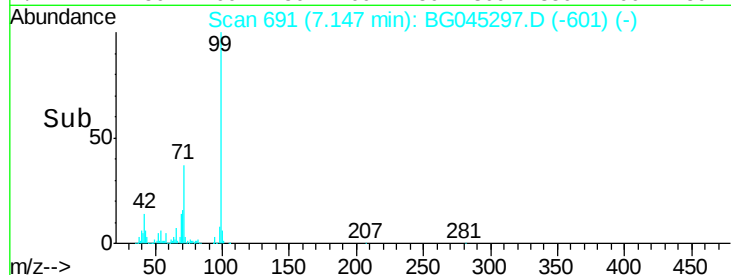
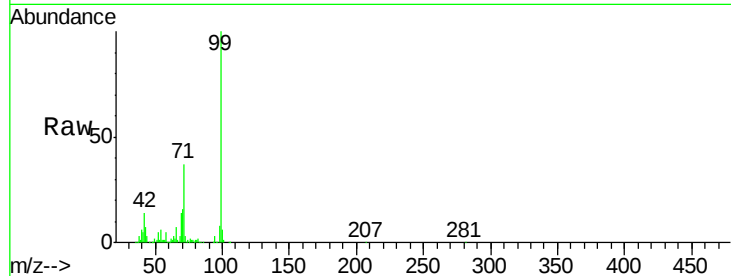
Delta R.T. -0.00 min

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Tgt Ion:	93	Resp:	188405
Ion Ratio	Lower	Upper	
93	100		
66	36.2	29.8	44.8
65	17.9	14.6	22.0





#7

Phenol-d6

Concen: 90.73 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045297.D

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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	528305		
42	13.9		11.3	16.9
71	37.3		28.3	42.5

Instrument :

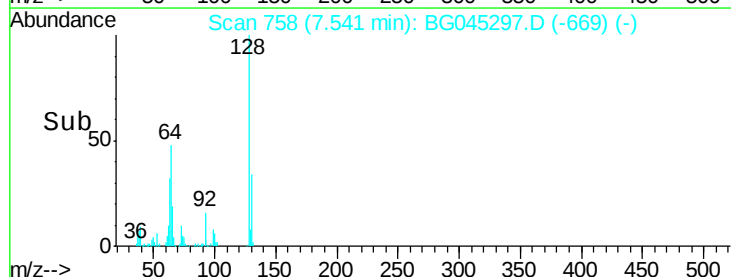
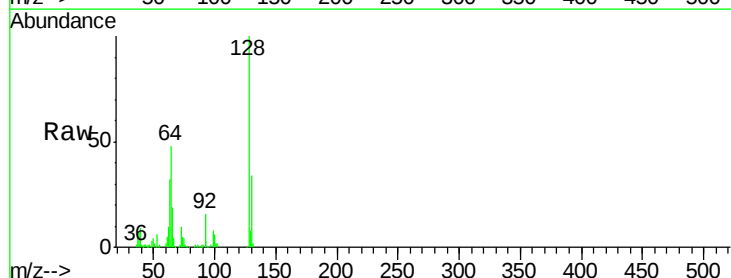
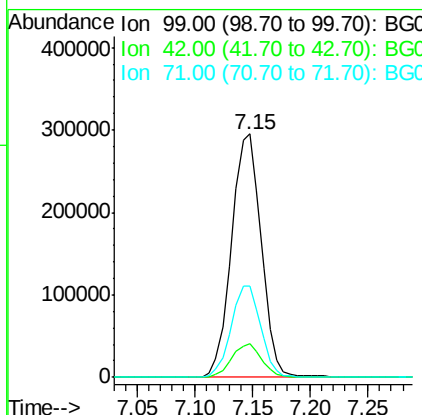
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#8

2-Chlorophenol

Concen: 39.71 ng

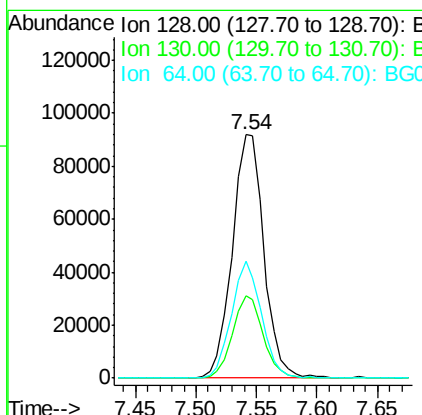
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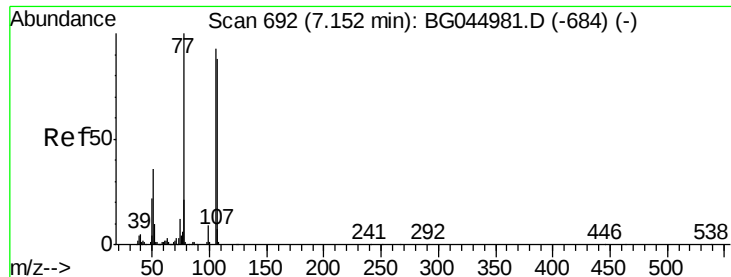
Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	167244		
130	33.9		12.3	52.3
64	47.9		24.4	64.4





#9

Benzaldehyde

Concen: 24.89 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

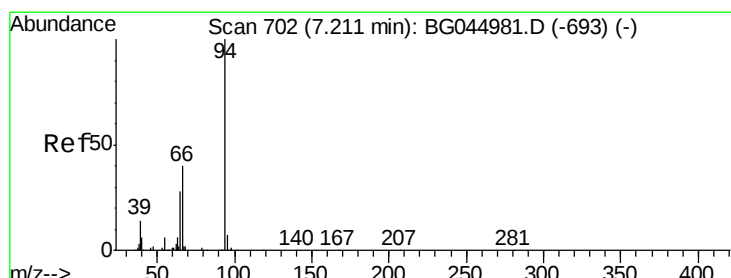
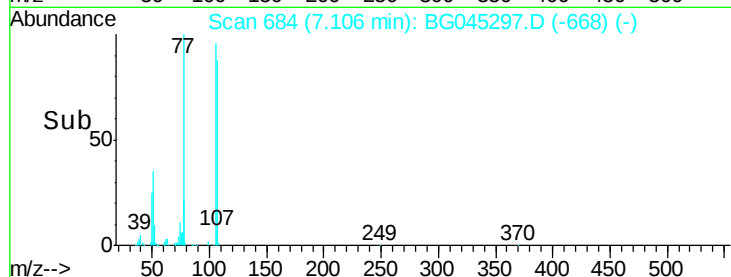
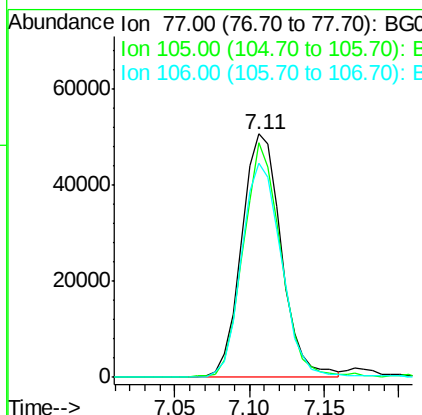
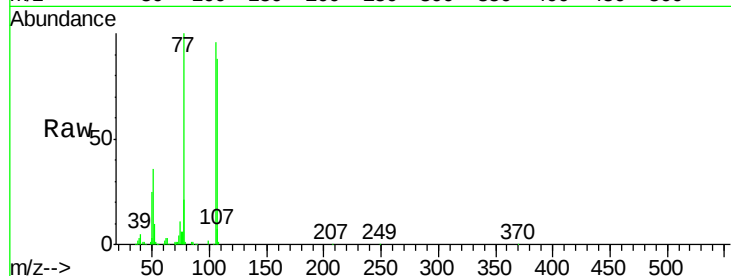
ClientSampleId :

HR-05-050720MS

Tgt Ion:	77	Resp:	93234
Ion	Ratio	Lower	Upper
77	100		
105	96.1	72.9	112.9
106	87.8	67.6	107.6

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#10

Phenol

Concen: 31.70 ng

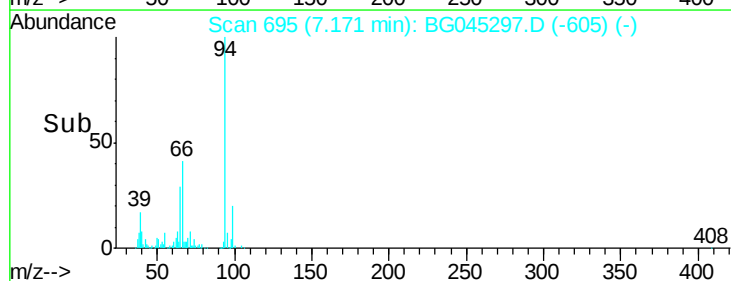
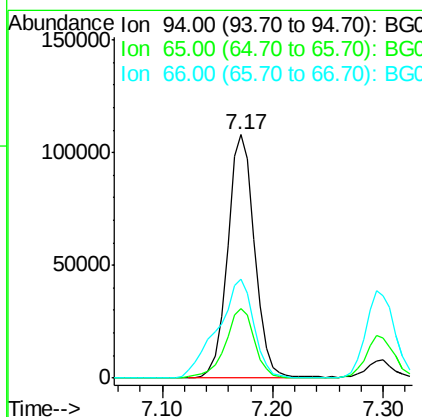
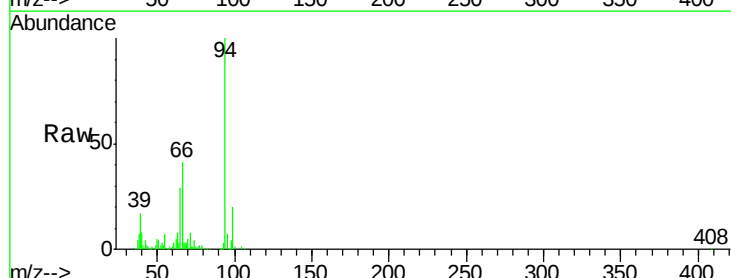
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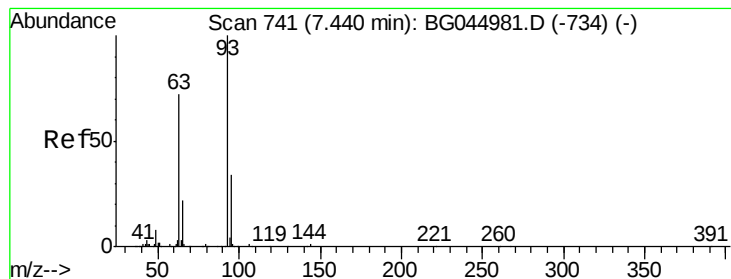
Delta R.T. -0.00 min

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Tgt Ion:	94	Resp:	184695
Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.2	48.2
66	40.6	20.4	60.4





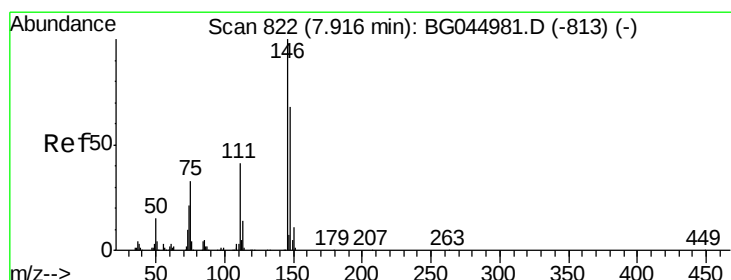
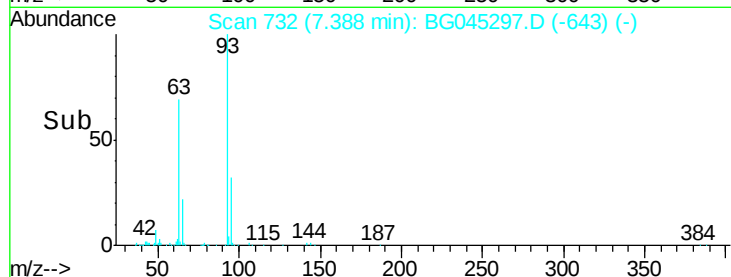
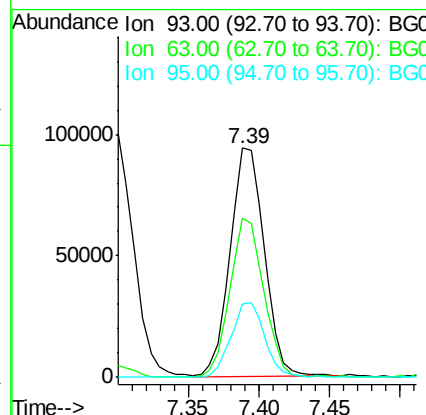
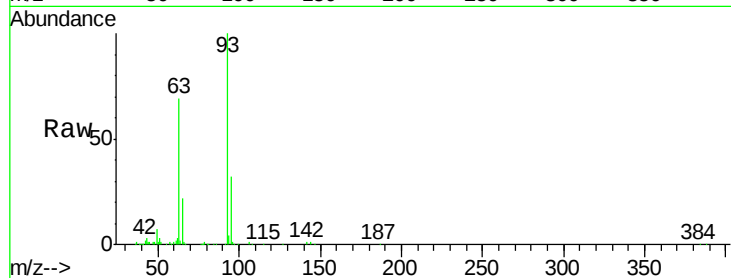
#11
bis(2-Chloroethyl)ether
Concen: 34.40 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	69.3	51.8	91.8
95	32.0	13.8	53.8

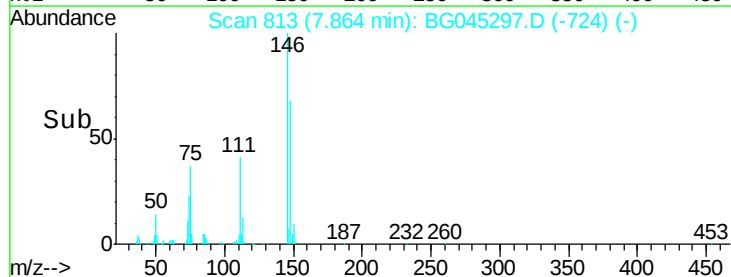
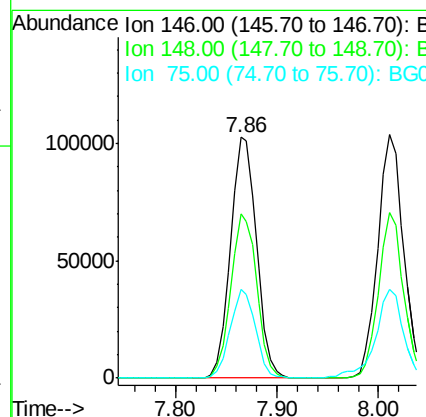
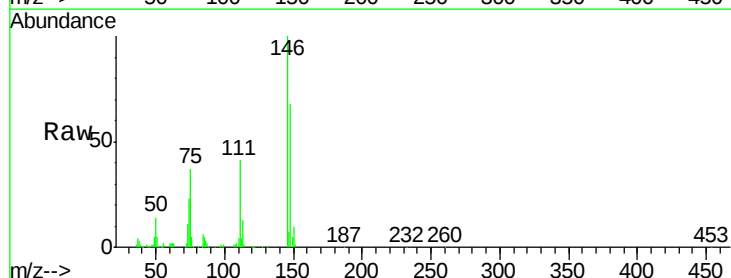
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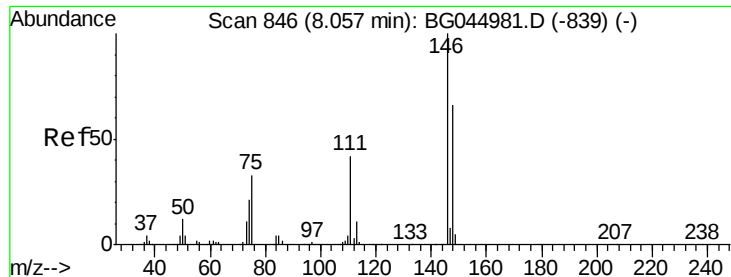
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.81 ng
RT: 7.86 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	68.3	54.6	81.8
75	36.8	26.0	39.0





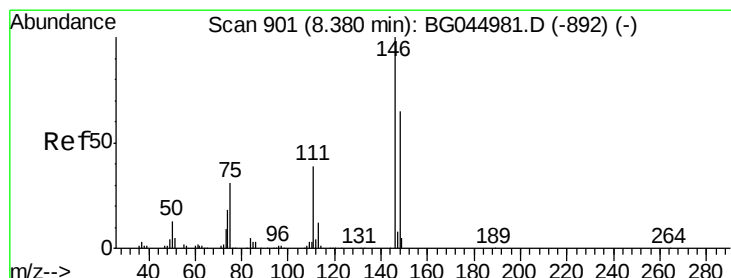
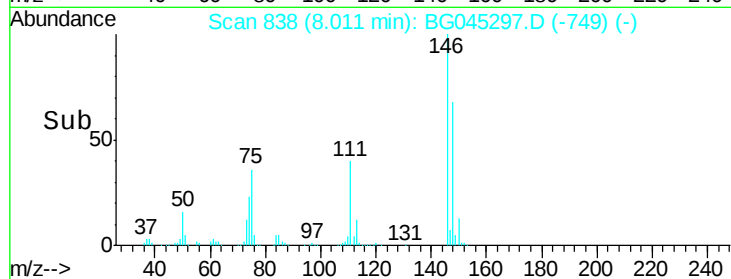
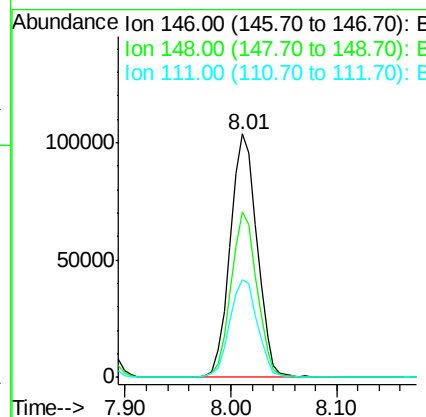
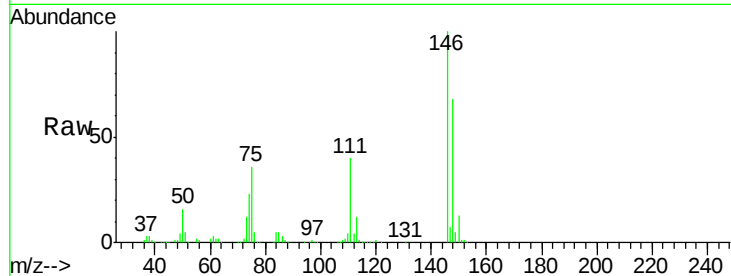
#13
 1,4-Dichlorobenzene
 Concen: 36.81 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	182022		
148	68.1	53.3	79.9	
111	40.4	33.8	50.8	

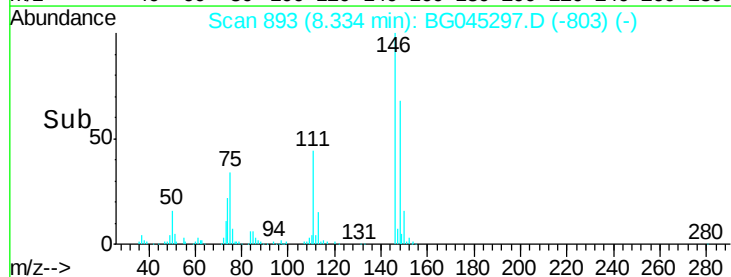
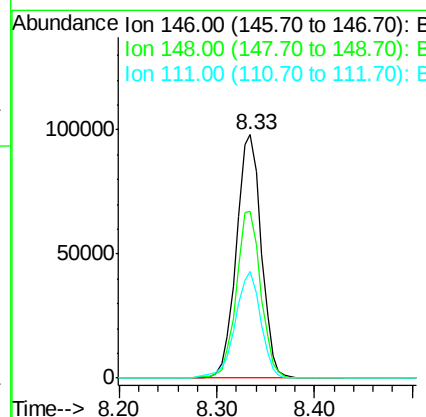
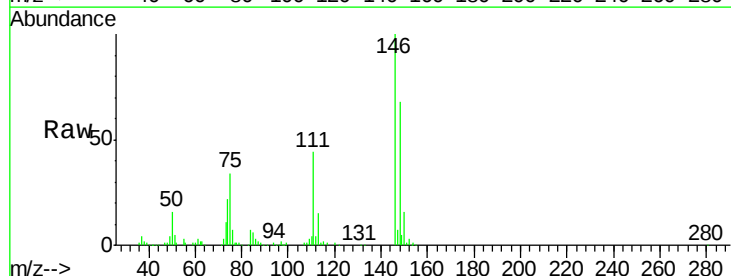
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#14
 1,2-Dichlorobenzene
 Concen: 36.64 ng
 RT: 8.33 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	173374		
148	68.3	51.9	77.9	
111	44.1	31.3	46.9	





#15

Benzyl Alcohol

Concen: 35.81 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

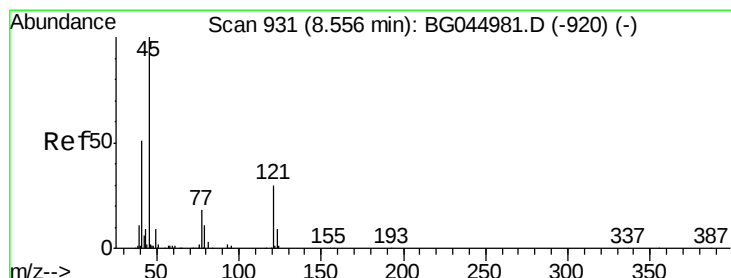
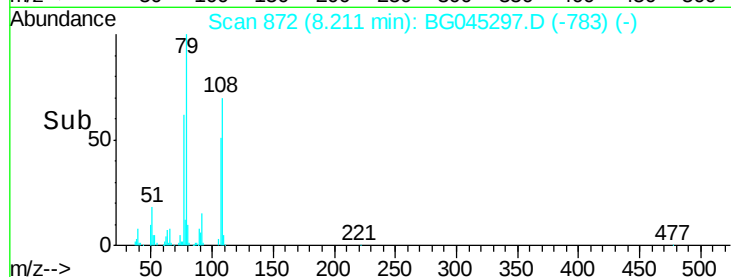
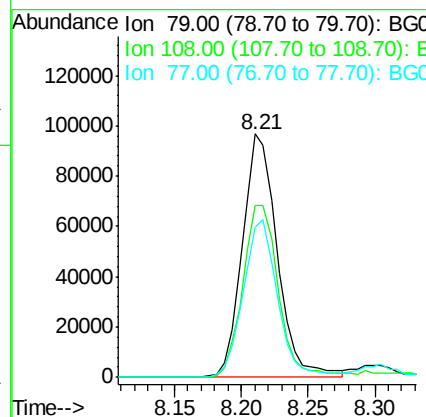
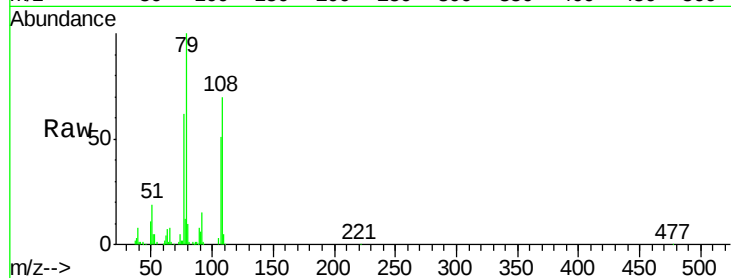
ClientSampleId :

HR-05-050720MS

Tgt Ion:	79	Resp:	174820
Ion Ratio	Lower	Upper	
79	100		
108	70.4	52.7	79.1
77	61.9	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.83 ng

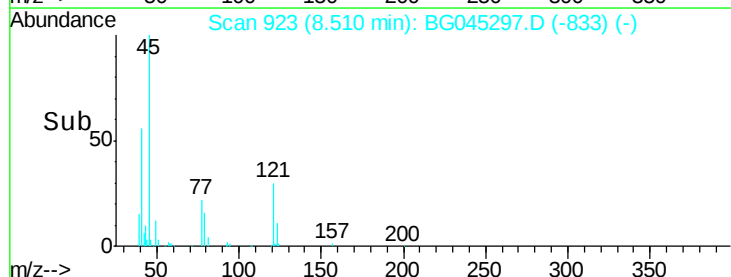
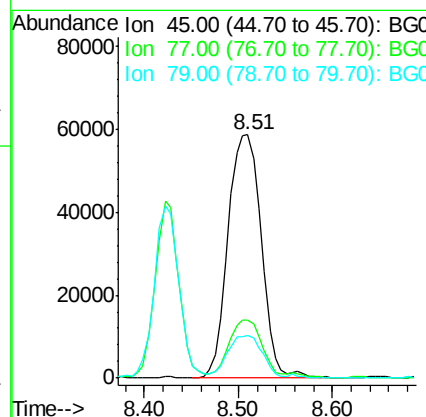
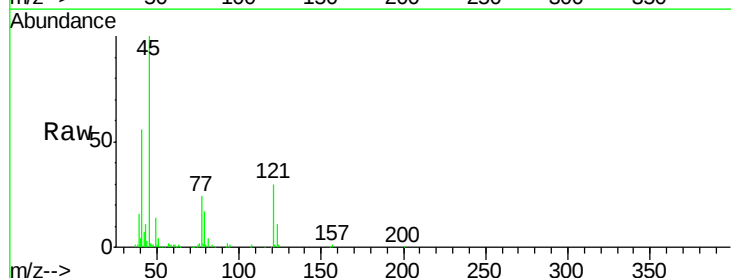
RT: 8.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Tgt Ion:	45	Resp:	144941
Ion Ratio	Lower	Upper	
45	100		
77	23.9	1.9	41.9
79	17.5	0.0	35.5





#17

2-Methylphenol

Concen: 33.28 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

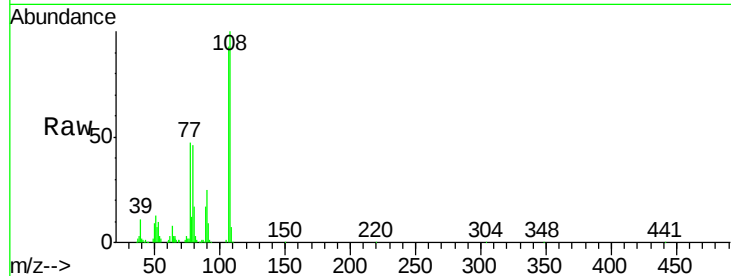
ClientSampleId :

HR-05-050720MS

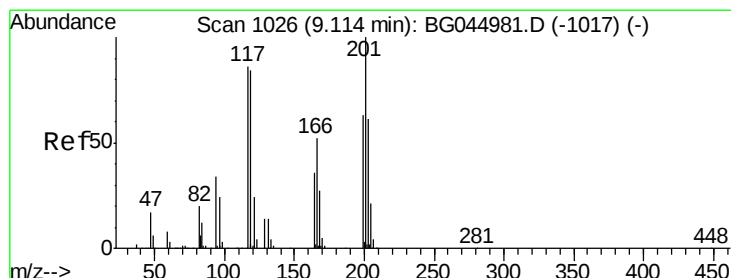
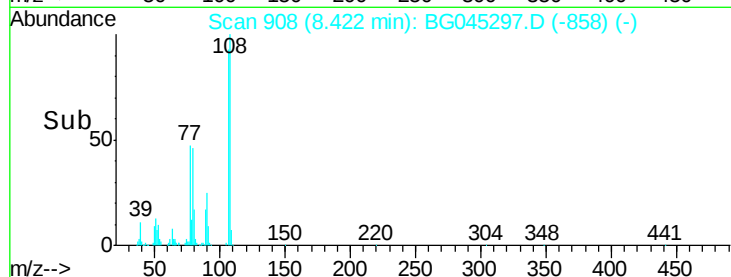
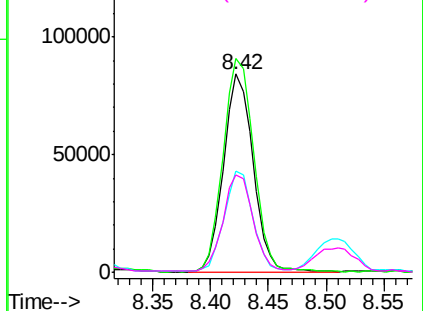
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	149615		
108	107.7	93.8	140.6	
77	50.8	38.5	57.7	
79	49.1	40.1	60.1	

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.55 ng

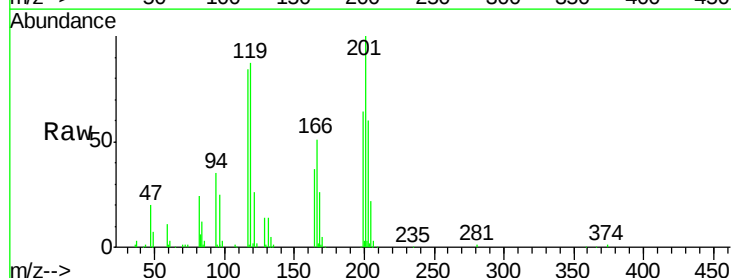
RT: 9.06 min Scan# 1017

Delta R.T. -0.01 min

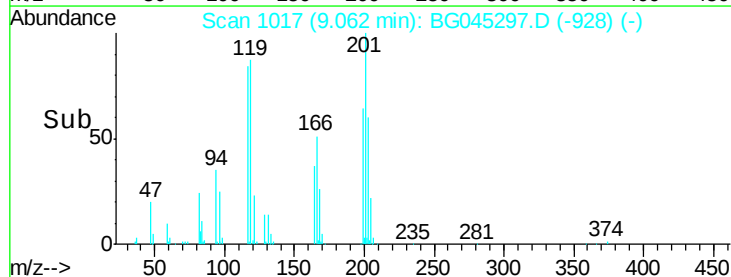
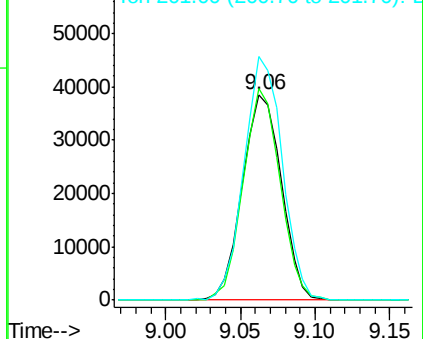
Lab File: BG045297.D

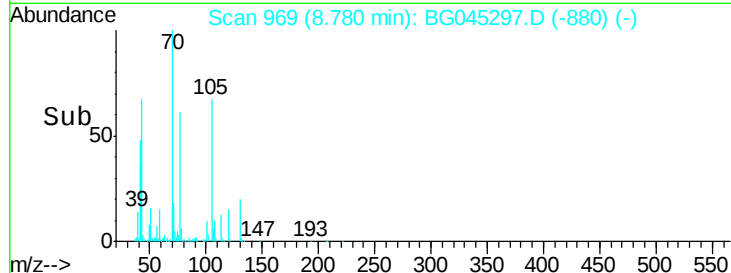
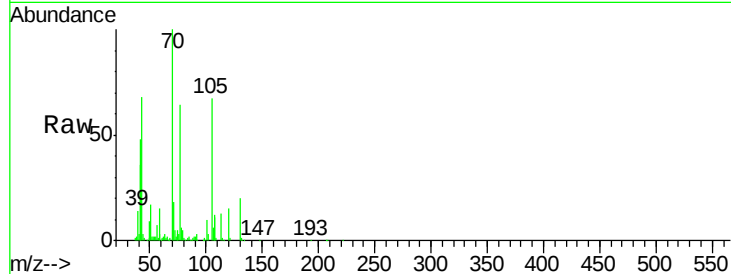
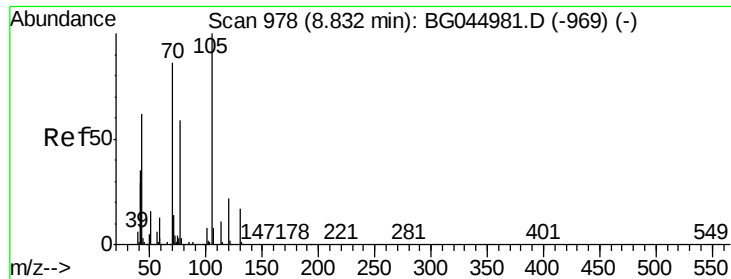
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	69819		
119	102.8	78.3	117.5	
201	118.4	92.9	139.3	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





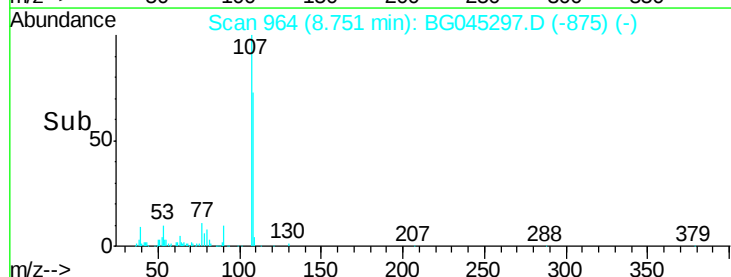
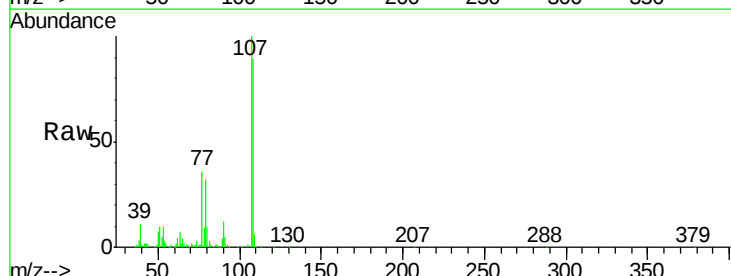
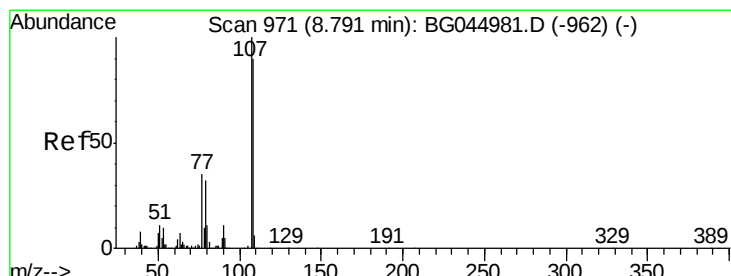
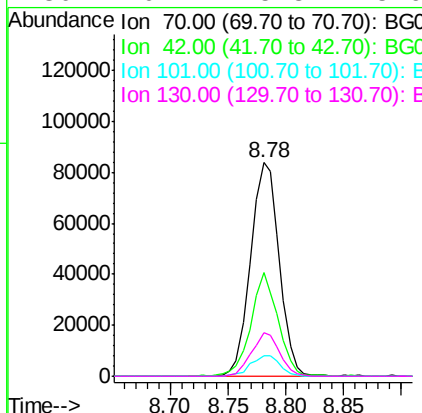
#19
n-Nitroso-di-n-propylamine
Concen: 35.12 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

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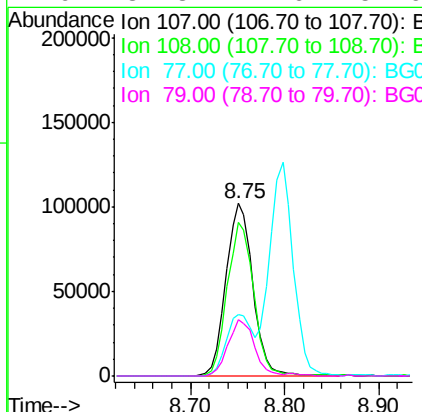
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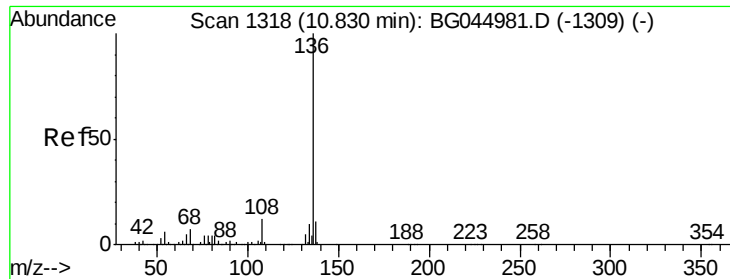
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.3	33.3	49.9	
101	9.7	7.8	11.8	
130	20.1	15.8	23.6	



#20
3+4-Methylphenols
Concen: 32.15 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	69.9	109.9	
77	36.0	15.2	55.2	
79	32.3	11.6	51.6	





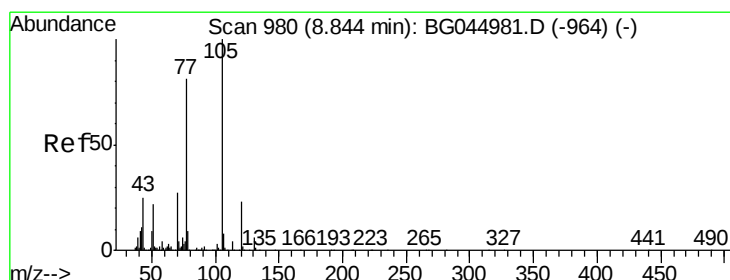
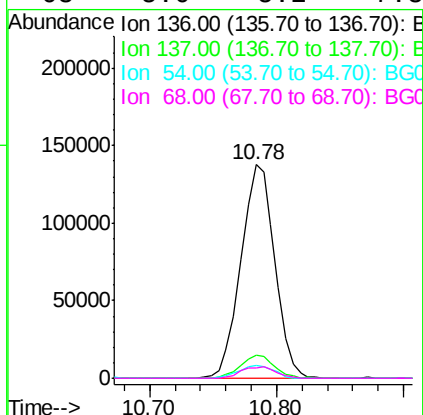
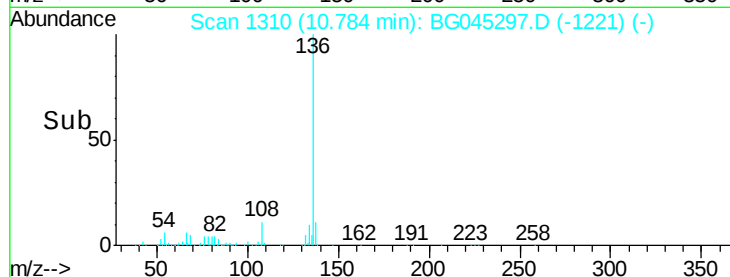
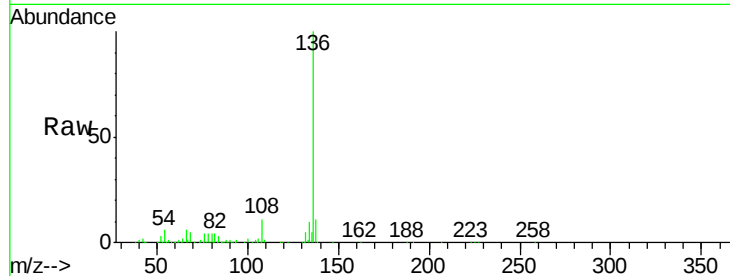
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	254373		
137	10.7	8.6	13.0	
54	5.9	4.8	7.2	
68	5.0	5.2	7.8#	

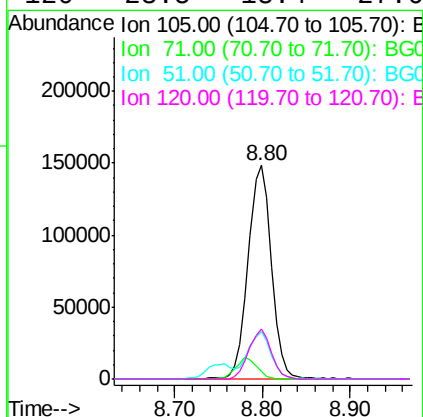
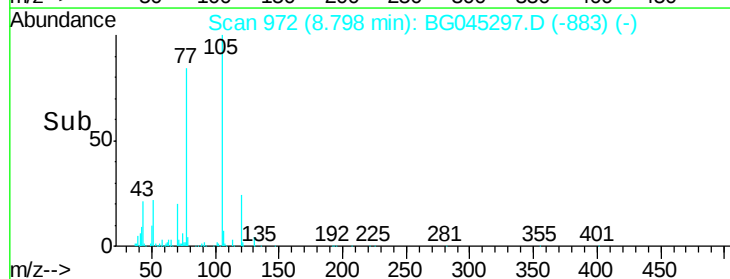
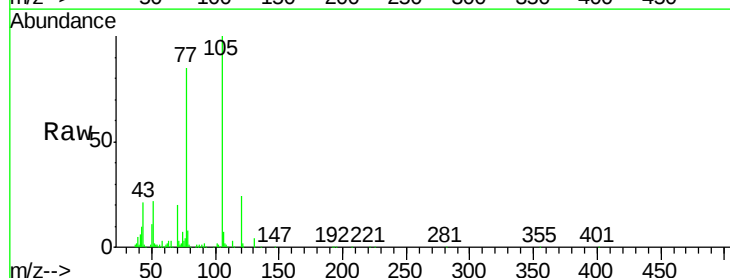
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#22
Acetophenone
Concen: 38.86 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267338		
71	3.4	3.3	4.9	
51	22.3	17.3	25.9	
120	23.5	18.4	27.6	





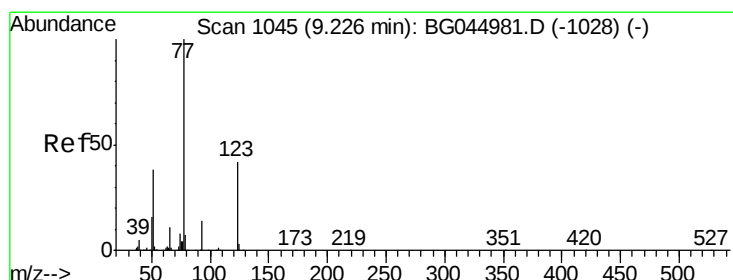
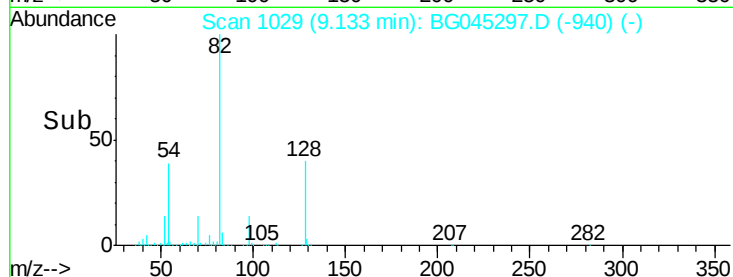
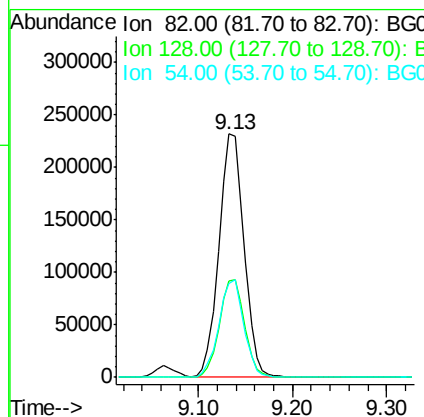
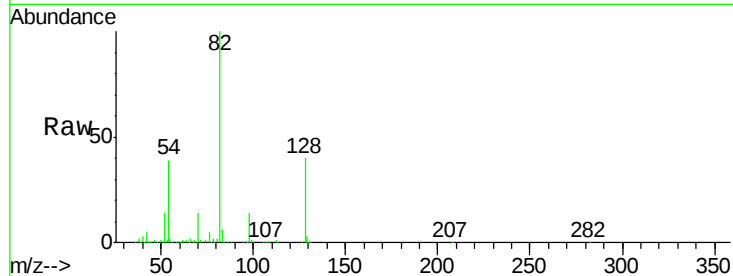
#23
 Nitrobenzene-d5
 Concen: 77.57 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	432449		
128	39.6	33.0	49.4	
54	38.8	30.4	45.6	

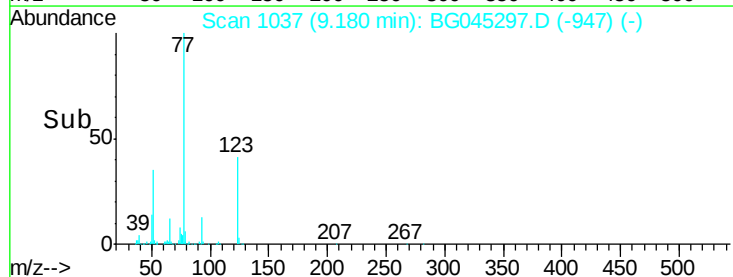
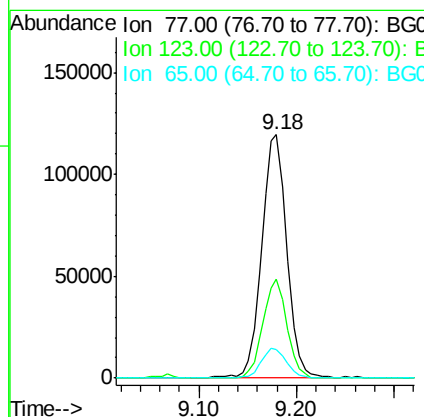
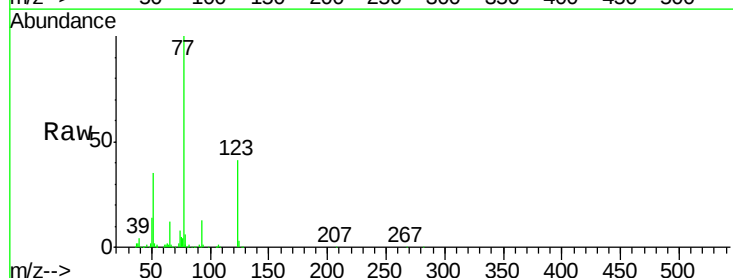
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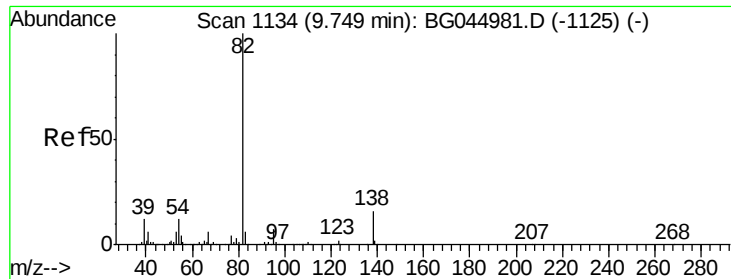
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#24
 Nitrobenzene
 Concen: 38.01 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	217186		
123	40.9	34.3	51.5	
65	11.8	8.9	13.3	





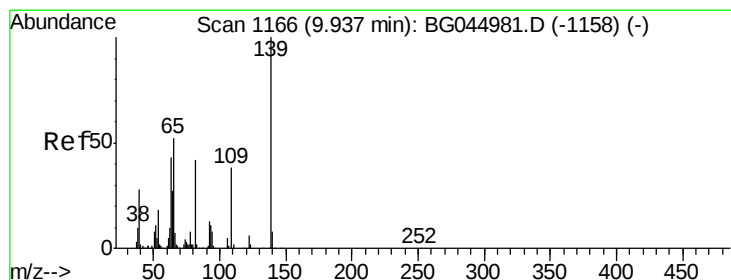
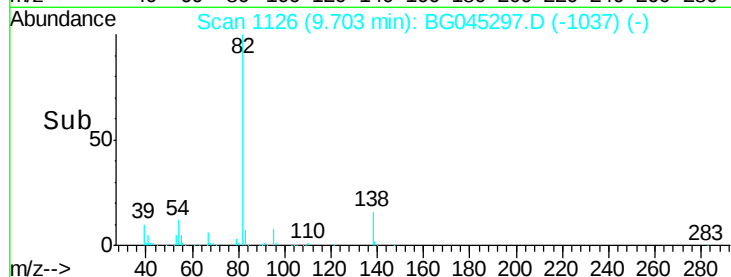
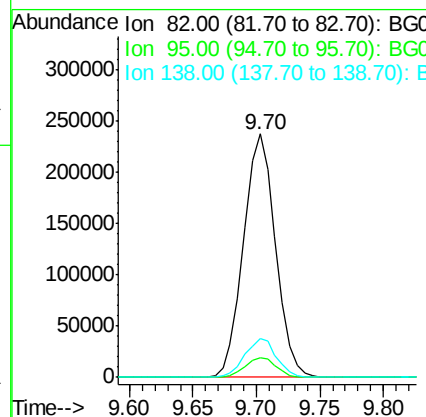
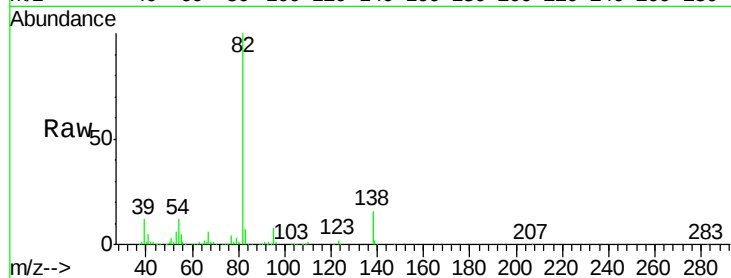
#25
Isophorone
Concen: 36.37 ng
RT: 9.70 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	415263		
95	8.2	6.0	9.0	
138	15.8	12.7	19.1	

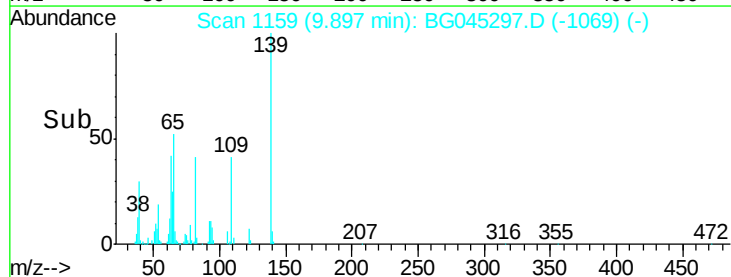
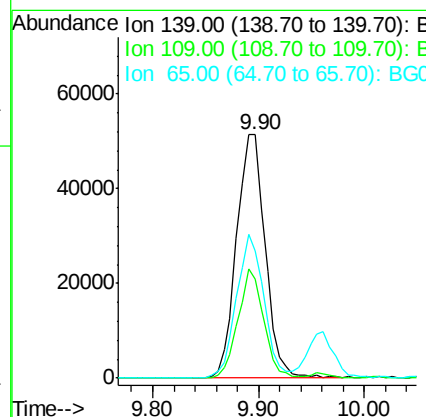
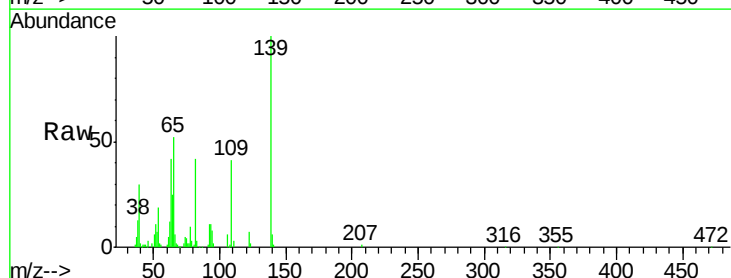
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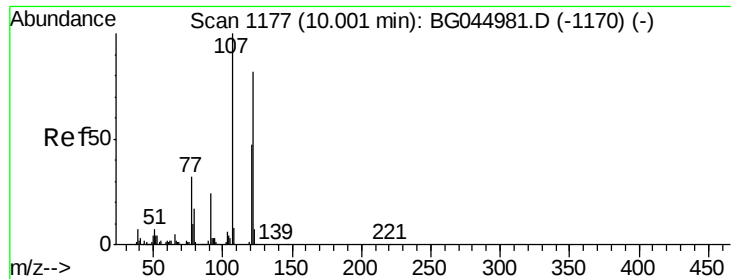
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#26
2-Nitrophenol
Concen: 39.17 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	96421		
109	40.7	30.6	45.8	
65	52.0	41.8	62.6	





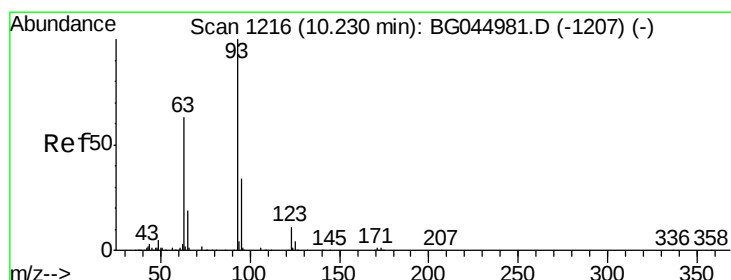
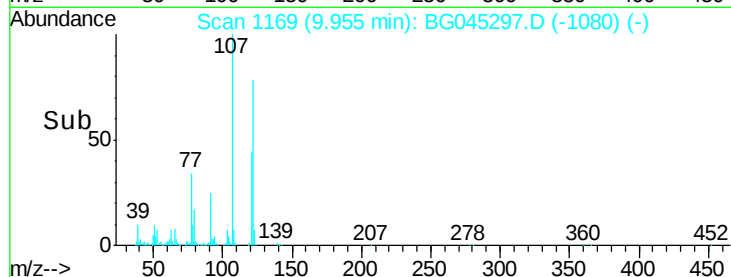
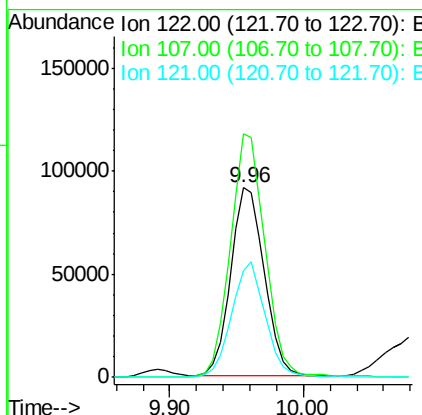
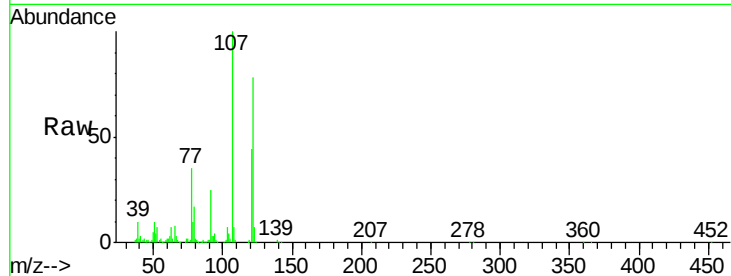
#27
2,4-Dimethylphenol
Concen: 40.98 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	160046		
107	128.4	96.8	145.2	
121	56.5	45.6	68.4	

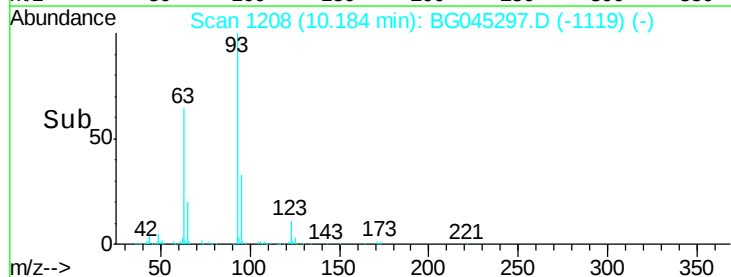
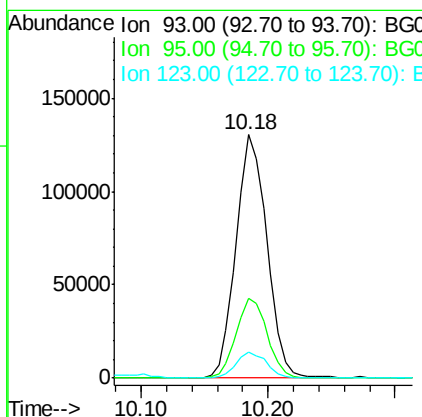
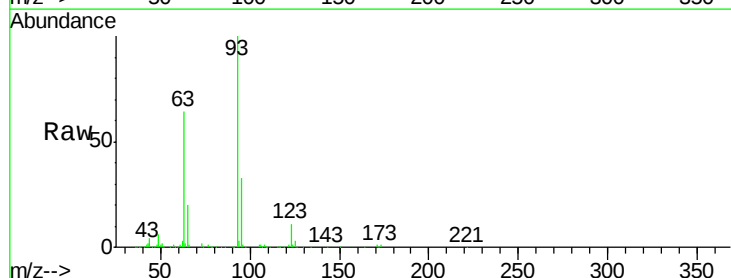
Manual Integrations
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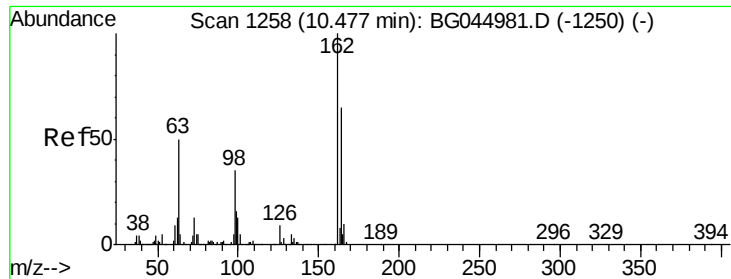
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 36.81 ng
RT: 10.18 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	220790		
95	32.7	27.0	40.4	
123	10.6	8.7	13.1	





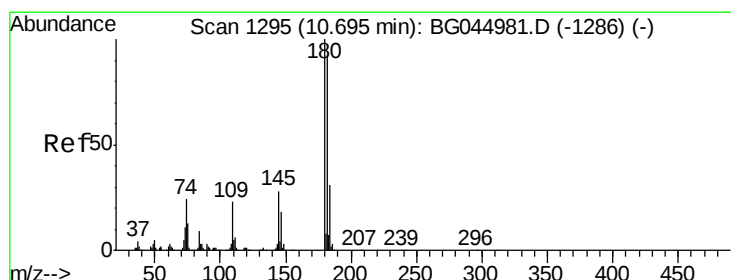
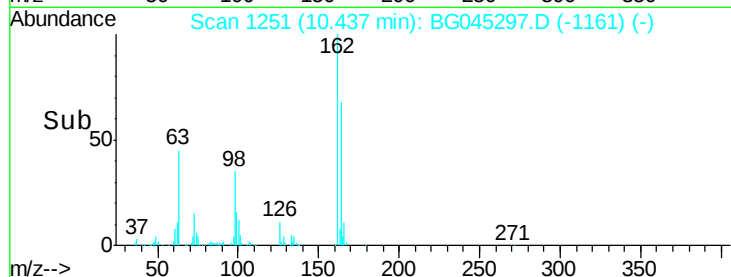
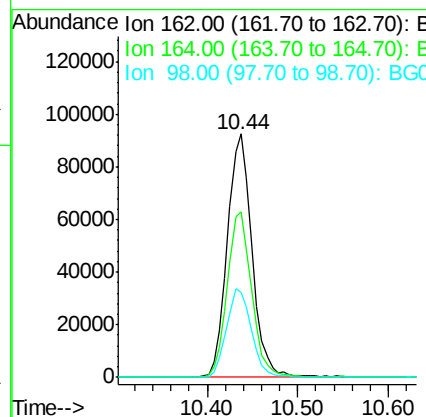
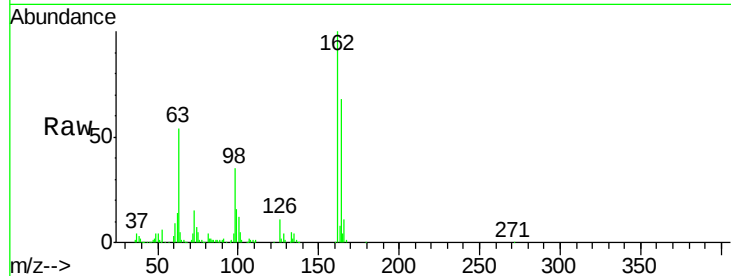
#29
2,4-Dichlorophenol
Concen: 38.74 ng
RT: 10.44 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	174717		
164	67.8	45.0	85.0	
98	34.7	15.2	55.2	

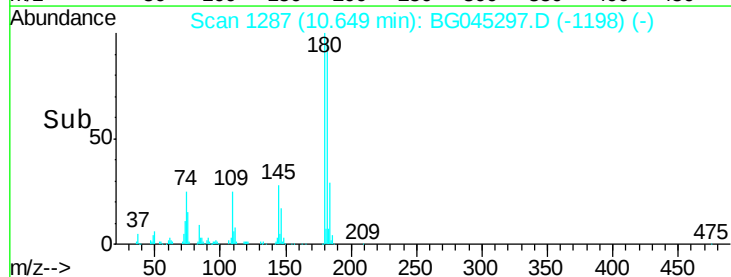
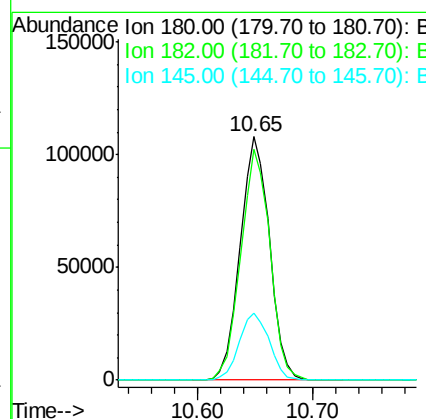
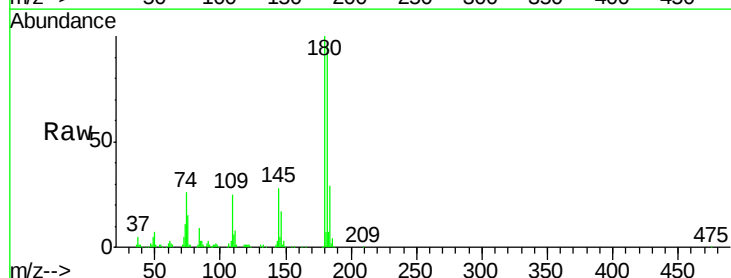
Manual Integrations
APPROVED

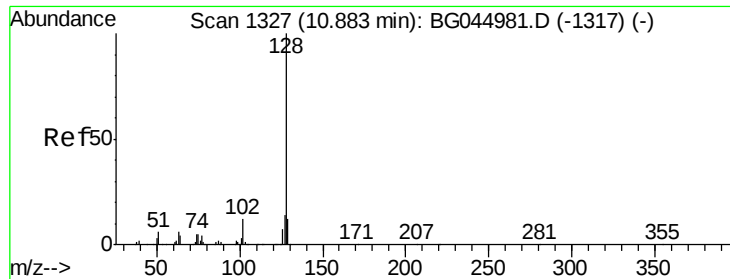
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 37.17 ng
RT: 10.65 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	189787		
182	94.8	73.3	109.9	
145	27.7	22.6	33.8	





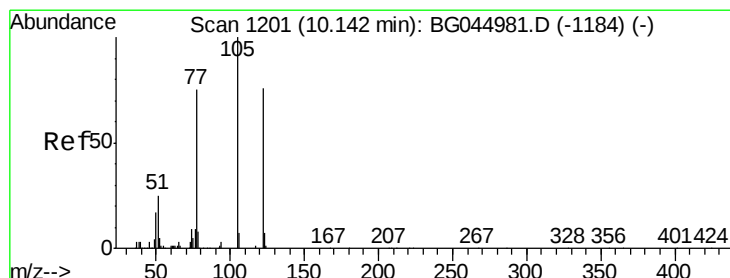
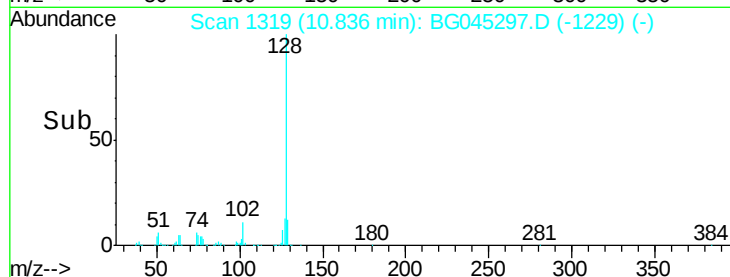
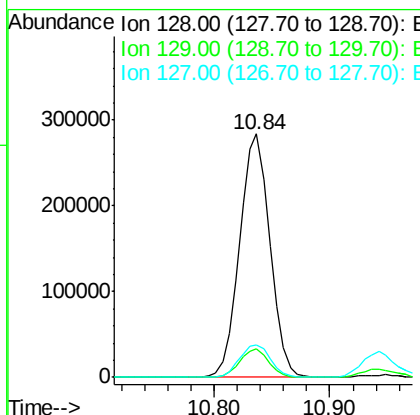
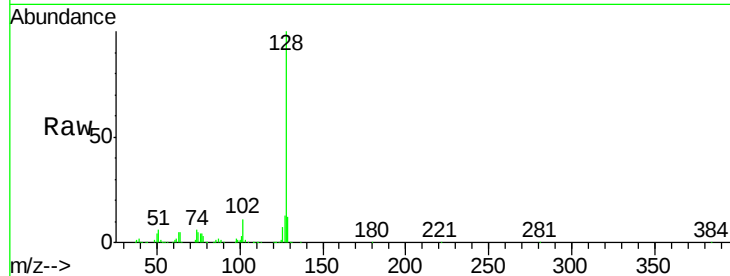
#31
Naphthalene
Concen: 37.04 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	515406		
129	11.5	9.4	14.2	
127	13.3	10.8	16.2	

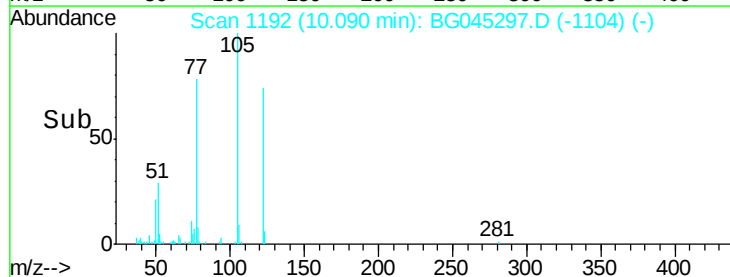
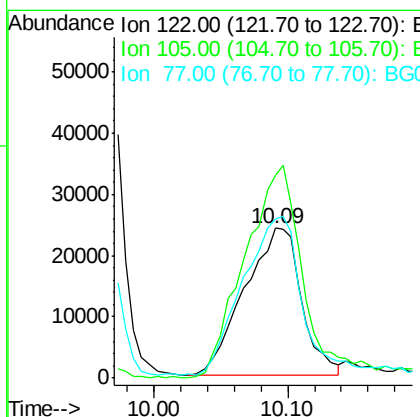
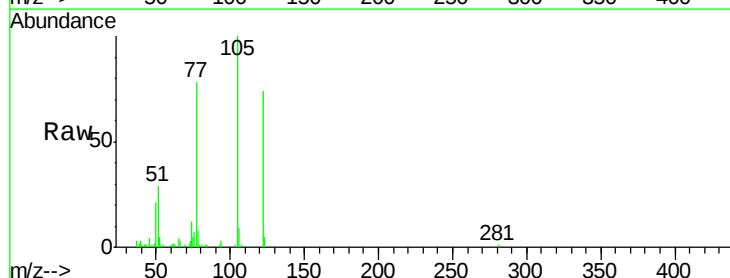
Manual Integrations
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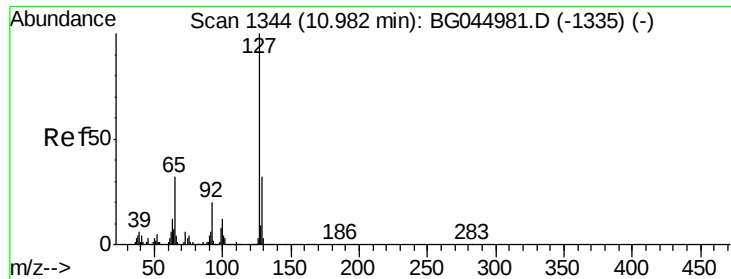
mohammad
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#32
Benzoic acid
Concen: 25.79 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	70652		
105	135.6	108.4	148.4	
77	106.4	78.8	118.8	





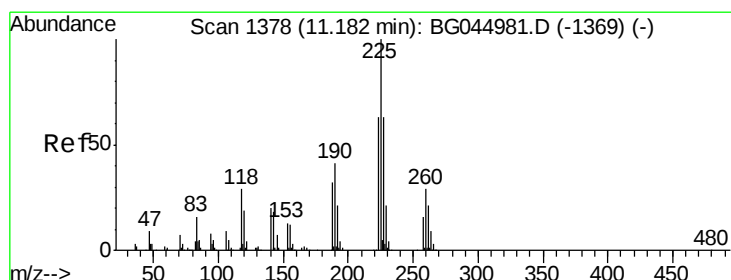
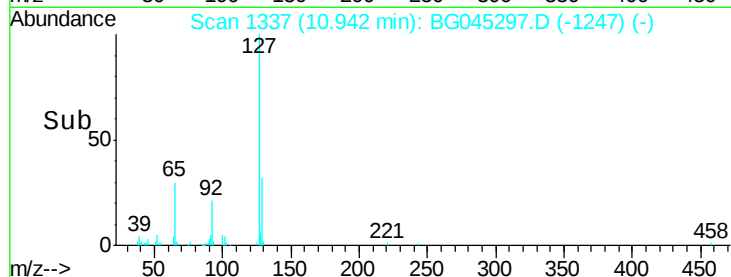
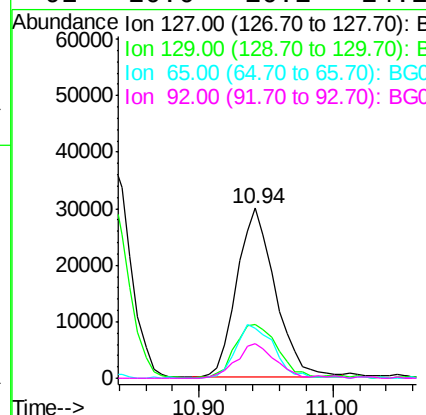
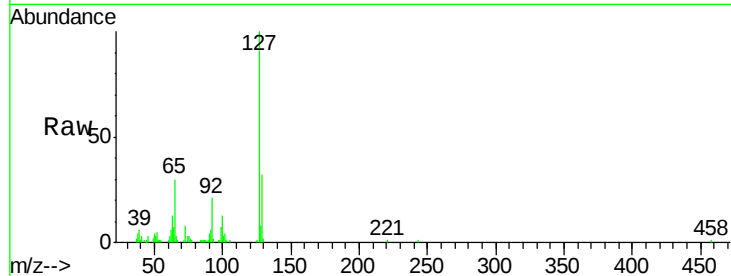
#33
4-Chloroaniline
Concen: 9.25 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	60032		
129	31.8	25.7	38.5	
65	29.7	25.4	38.2	
92	20.6	16.1	24.1	

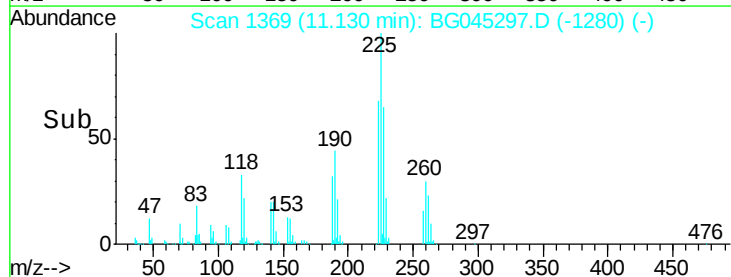
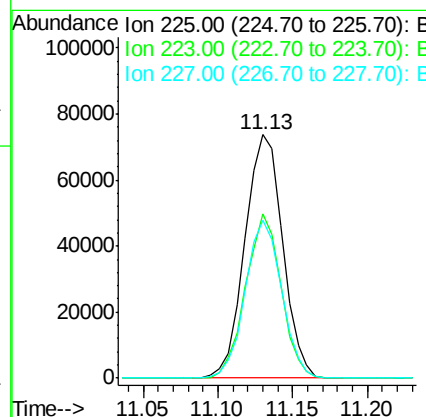
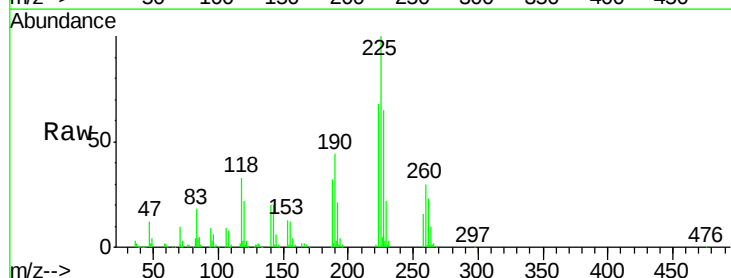
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#34
Hexachlorobutadiene
Concen: 36.79 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	128785		
223	67.6	50.7	76.1	
227	64.8	50.2	75.2	





#35

Caprolactam

Concen: 26.39 ng m

RT: 11.70 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

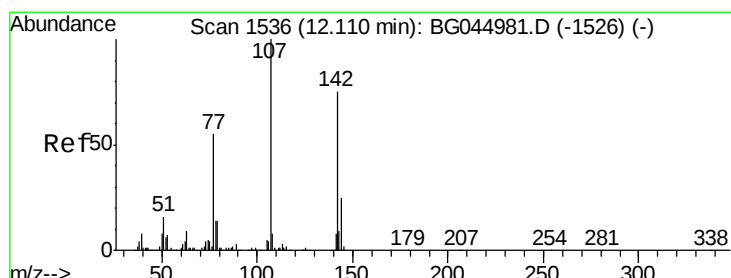
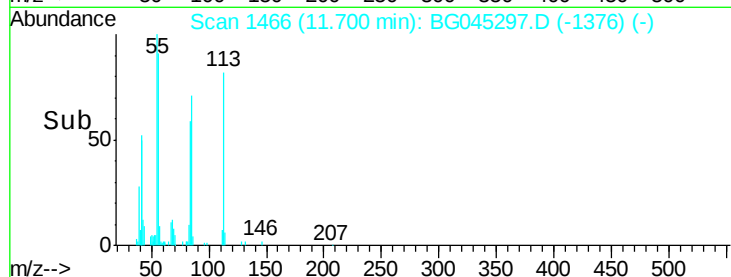
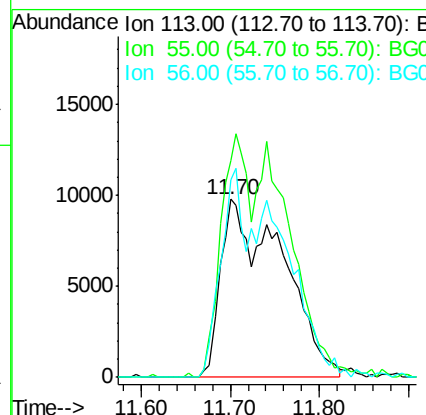
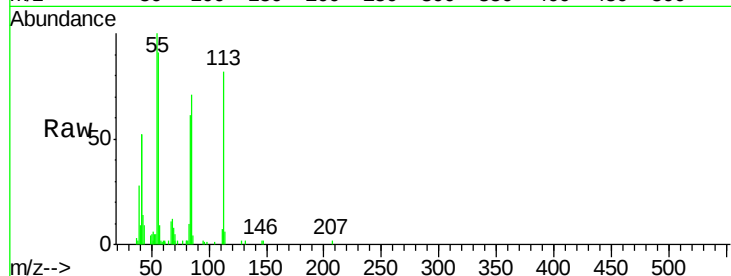
ClientSampleId :

HR-05-050720MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	121.9	118.8	158.8
56	110.7	82.6	122.6

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#36

4-Chloro-3-methylphenol

Concen: 38.63 ng

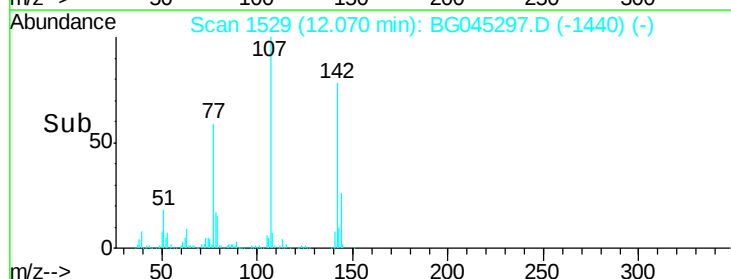
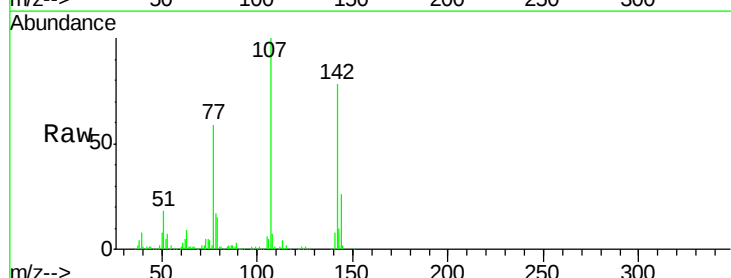
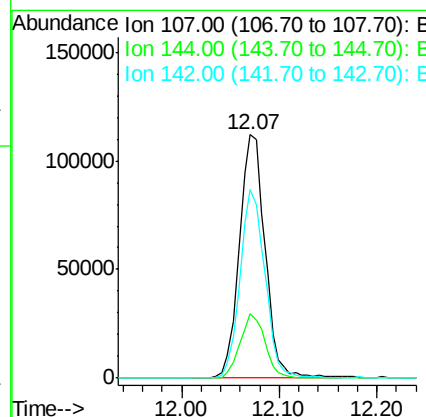
RT: 12.07 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	19.8	29.6
142	77.5	59.7	89.5





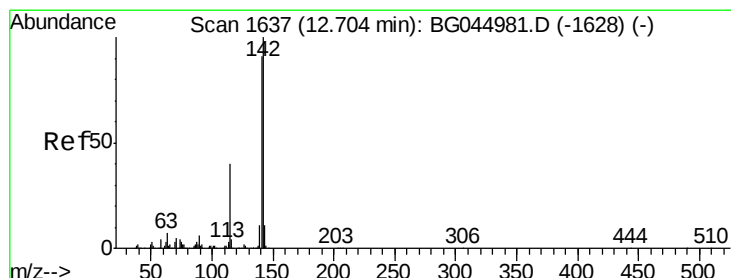
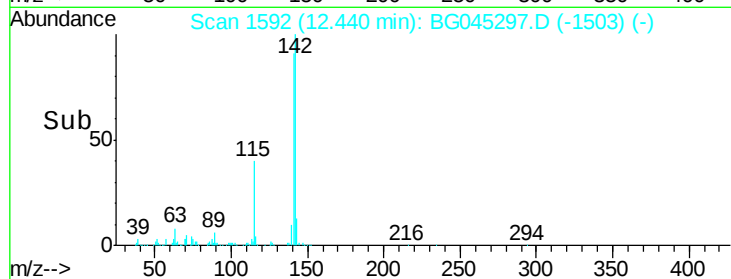
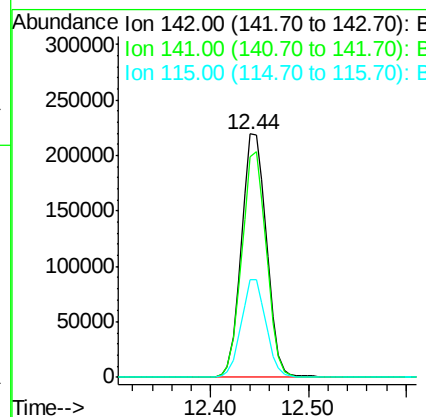
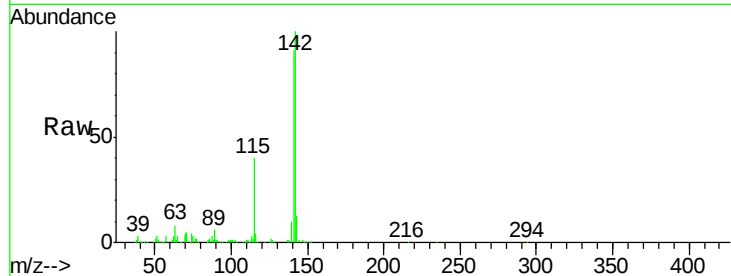
#37
 2-Methylnaphthalene
 Concen: 36.49 ng
 RT: 12.44 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	394128		
141	90.5	70.3	105.5	
115	40.1	29.8	44.6	

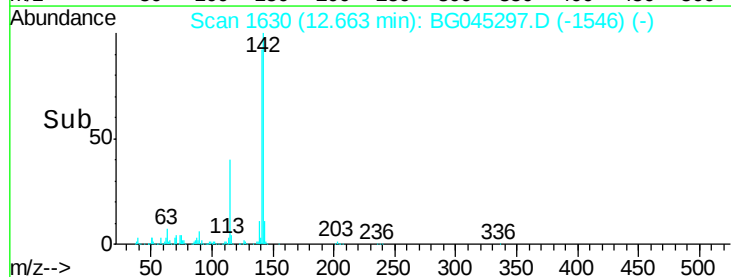
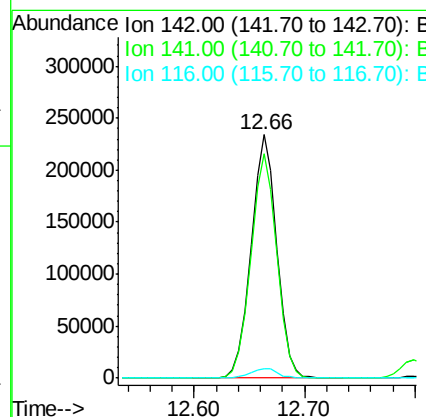
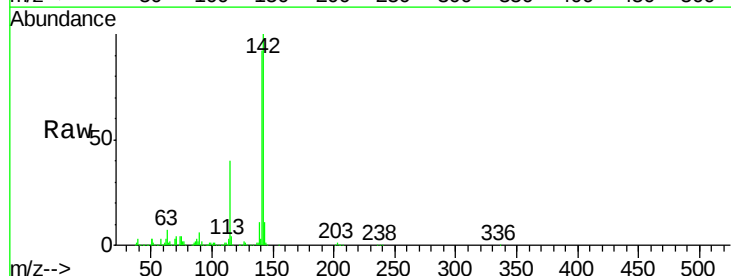
Manual Integrations
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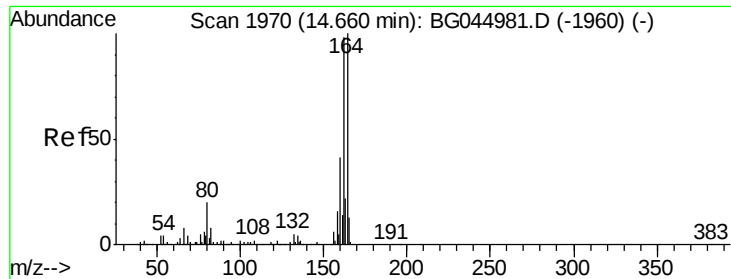
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#38
 1-Methylnaphthalene
 Concen: 37.20 ng
 RT: 12.66 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	379294		
141	92.1	72.7	109.1	
116	3.9	3.1	4.7	





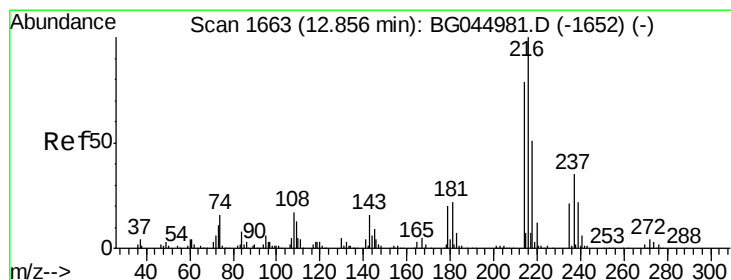
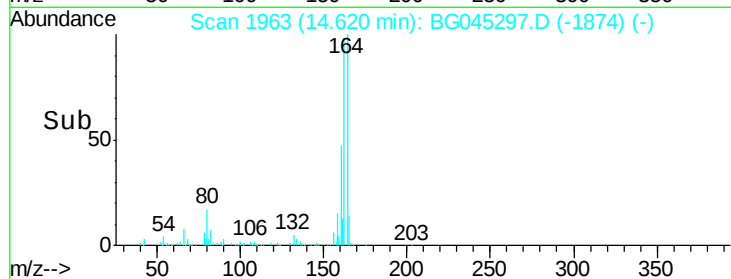
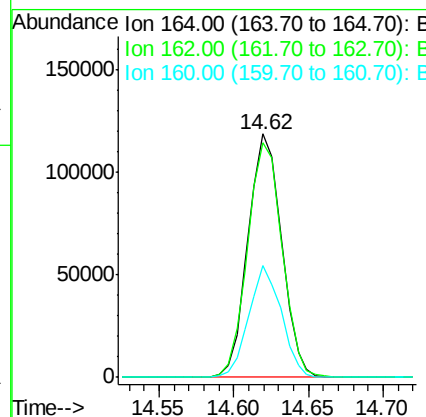
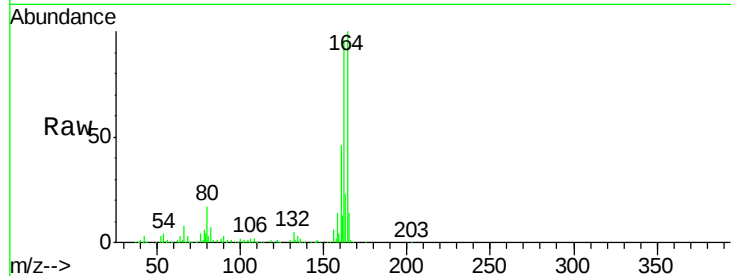
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.2	78.7	118.1
160	45.8	32.8	49.2

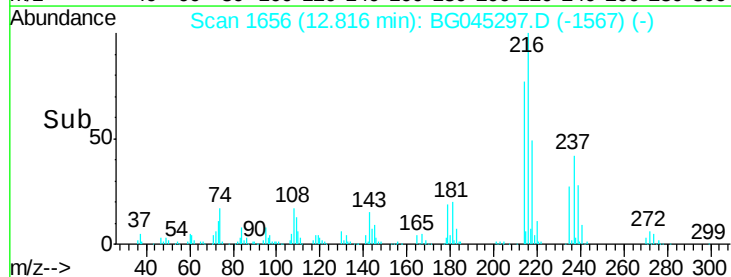
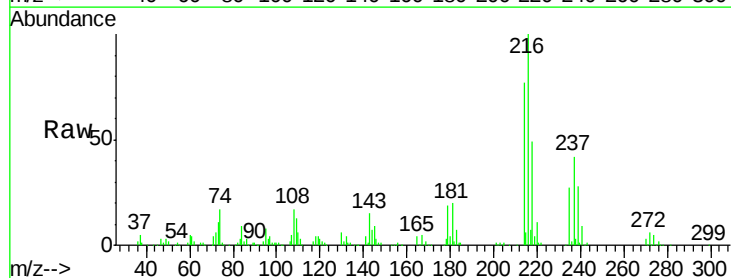
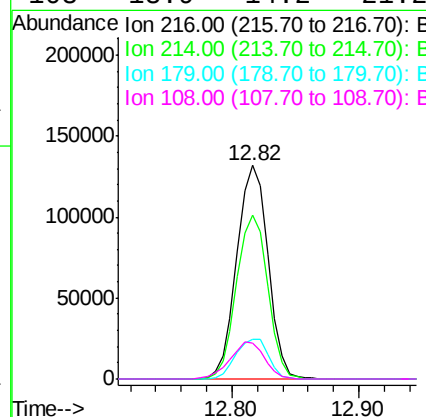
Manual Integrations
APPROVED

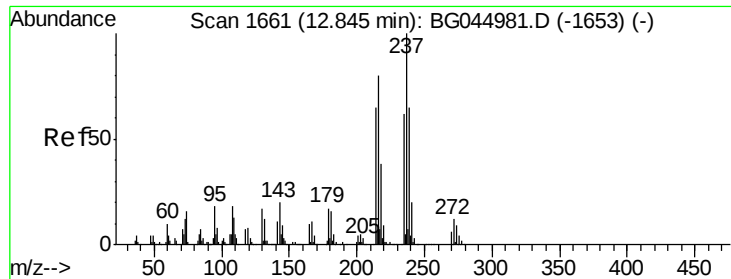
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.75 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.8	63.0	94.6
179	19.7	15.8	23.8
108	18.9	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 72.13 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

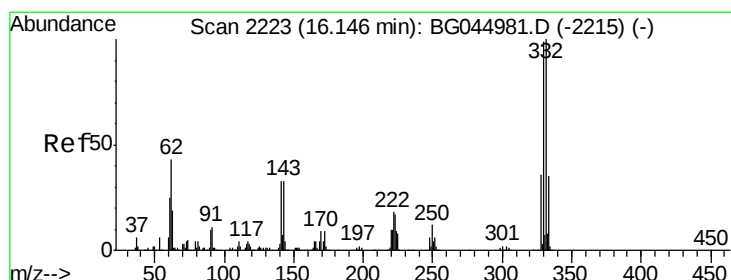
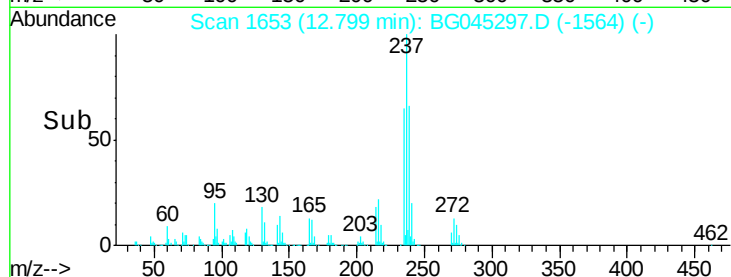
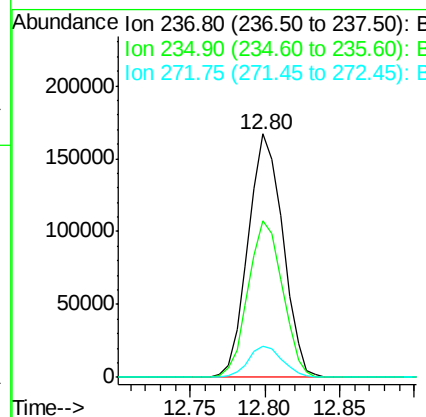
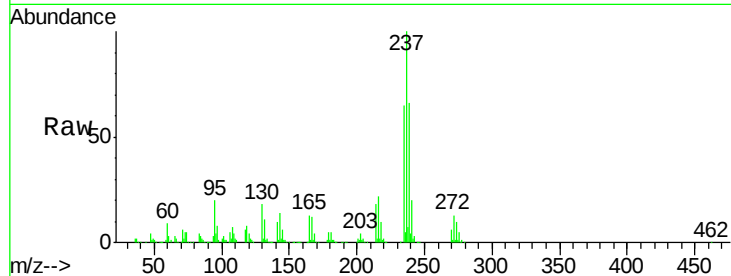
ClientSampleId :

HR-05-050720MS

Tgt Ion:	237	Resp:	268435
Ion Ratio	Lower	Upper	
237	100		
235	64.5	41.6	81.6
272	12.6	0.0	32.1

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 117.10 ng

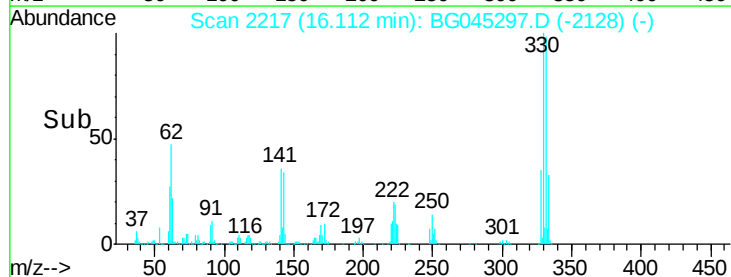
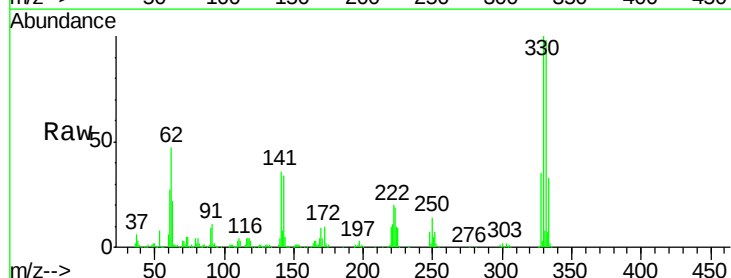
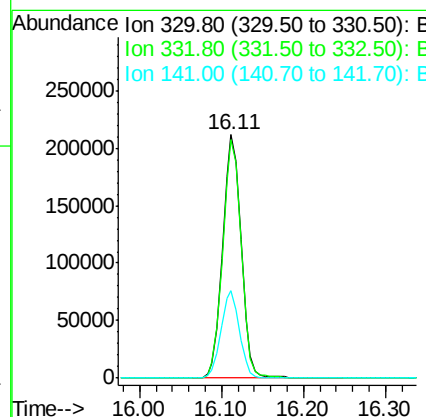
RT: 16.11 min Scan# 2217

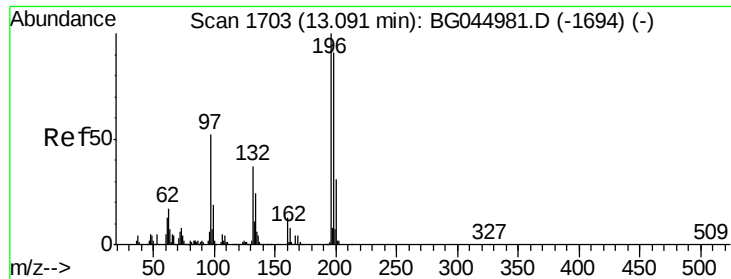
Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Tgt Ion:	330	Resp:	334552
Ion Ratio	Lower	Upper	
330	100		
332	97.6	79.1	118.7
141	35.5	27.1	40.7





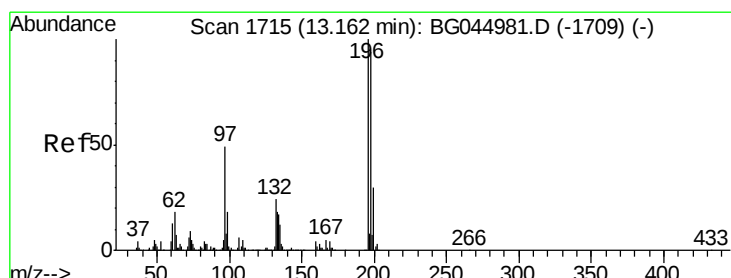
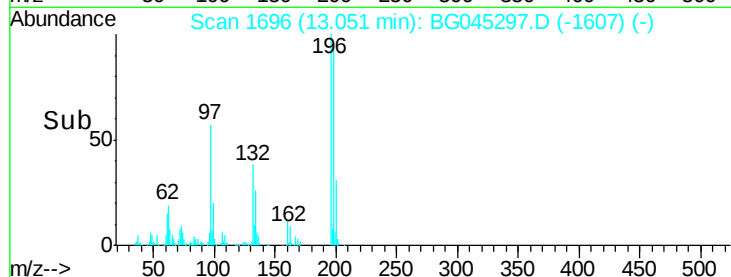
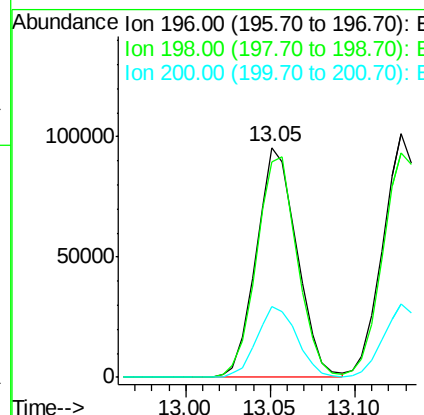
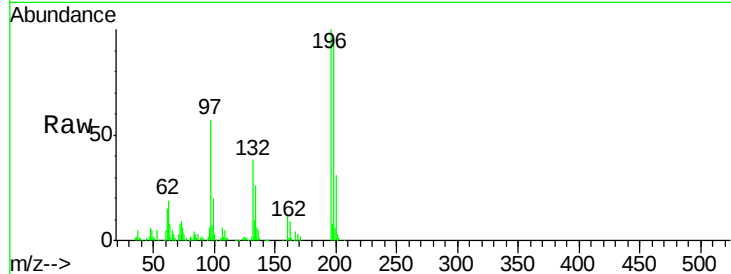
#43
2,4,6-Trichlorophenol
Concen: 37.85 ng
RT: 13.05 min Scan# 1696
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	159058		
198	93.9	72.5	108.7	
200	30.7	24.5	36.7	

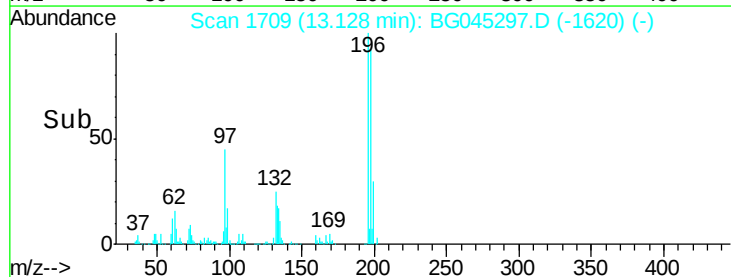
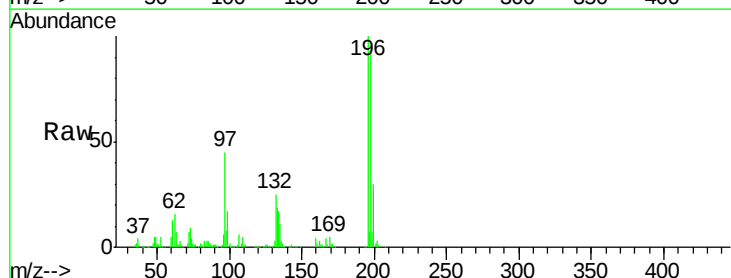
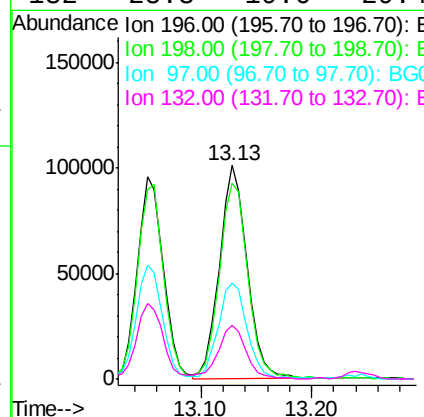
Manual Integrations
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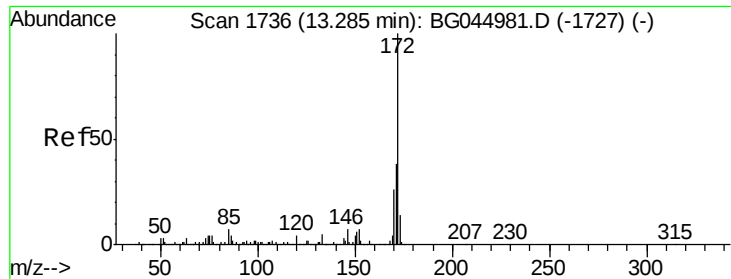
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#44
2,4,5-Trichlorophenol
Concen: 36.62 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	175173		
198	91.9	75.7	113.5	
97	44.9	39.6	59.4	
132	25.3	19.6	29.4	





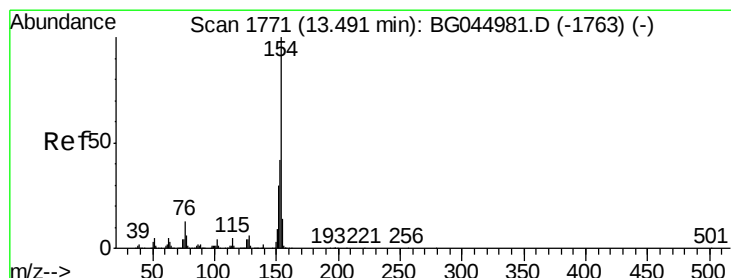
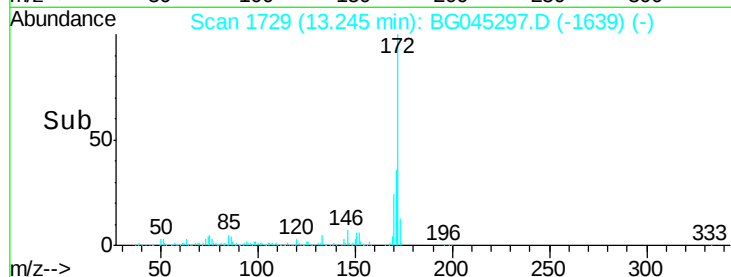
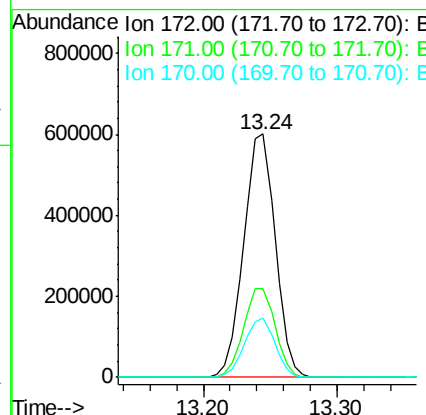
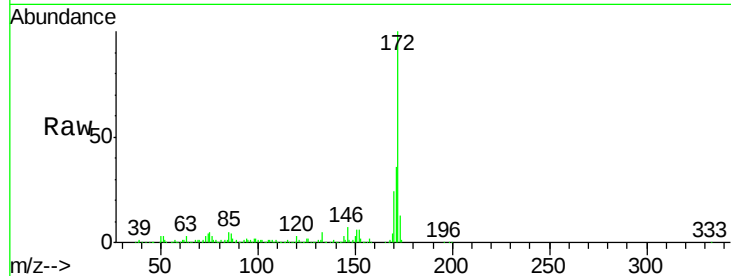
#45
 2-Fluorobiphenyl
 Concen: 77.76 ng
 RT: 13.24 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	46.0
170	24.1	20.5	30.7

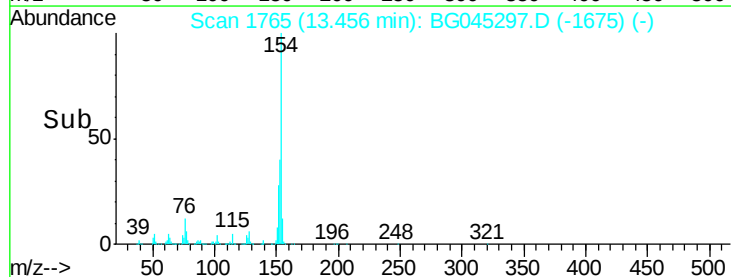
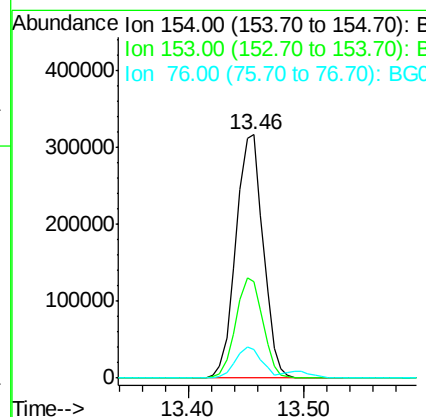
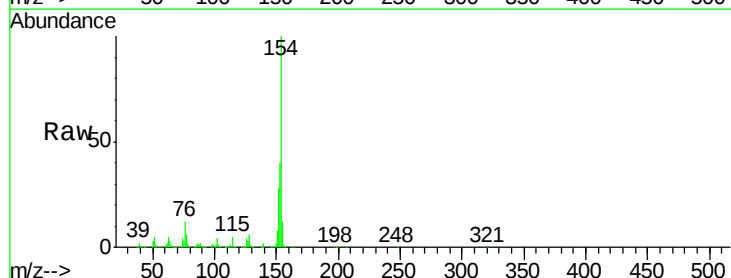
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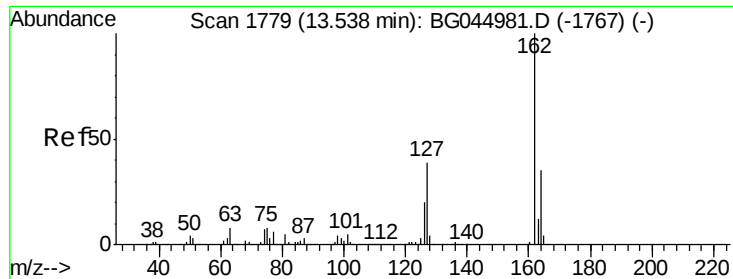
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#46
 1,1'-Biphenyl
 Concen: 36.94 ng
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.9	61.9
76	11.7	0.0	33.1





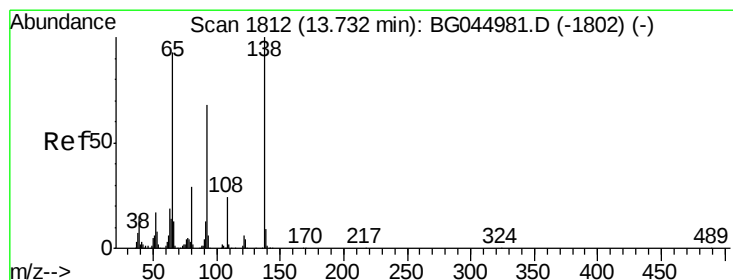
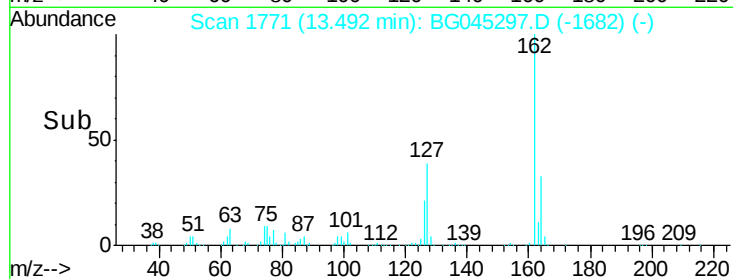
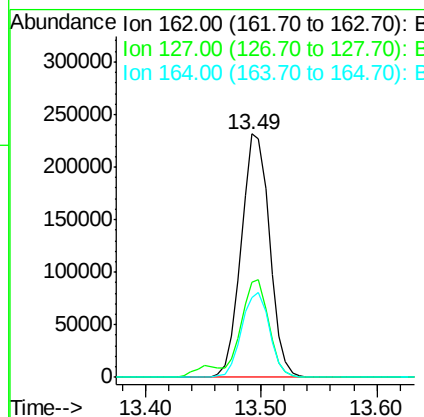
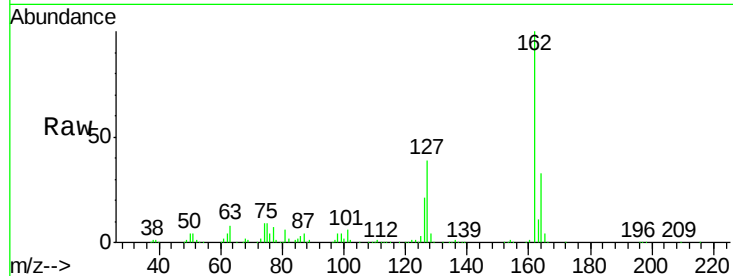
#47
2-Chloronaphthalene
Concen: 36.67 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	38.9	31.3	46.9
164	32.9	27.8	41.8

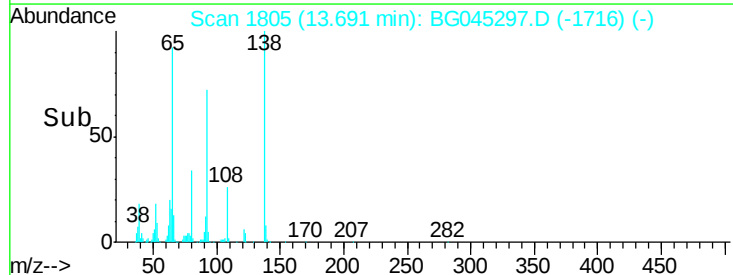
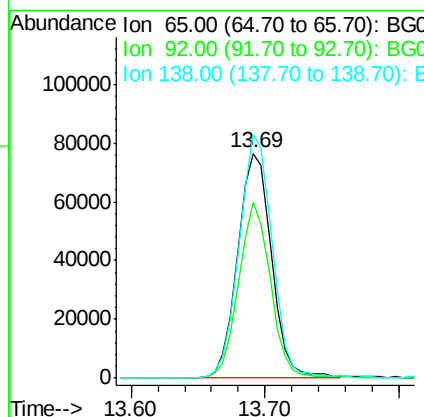
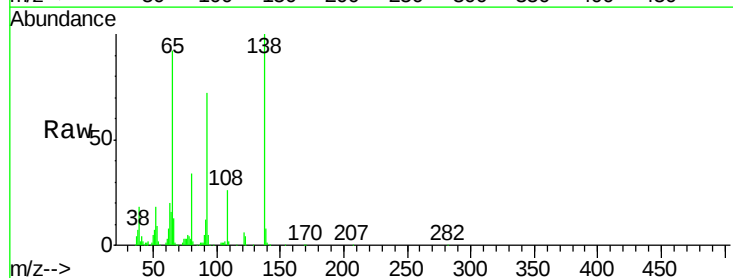
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#48
2-Nitroaniline
Concen: 37.96 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	78.2	58.3	87.5
138	108.4	85.6	128.4





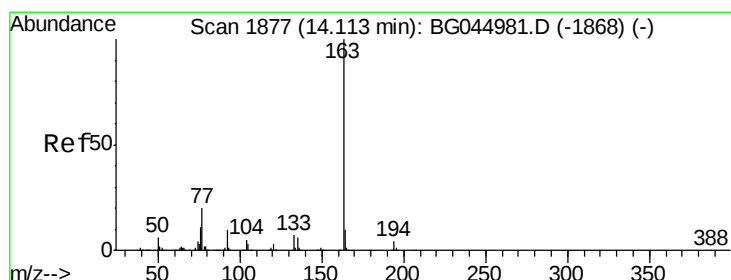
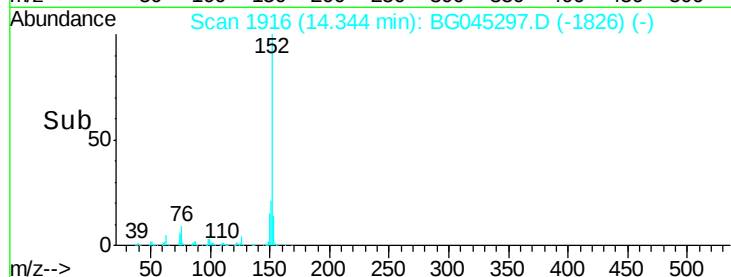
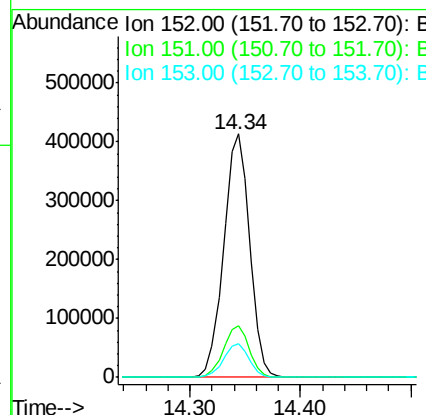
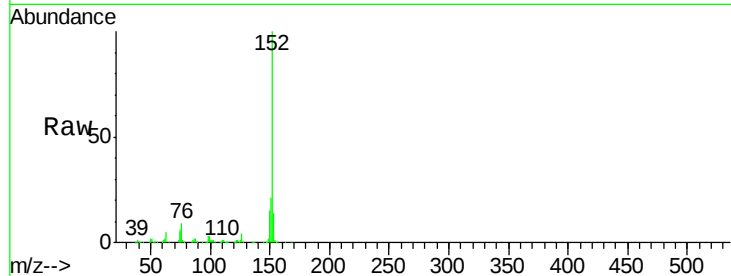
#49
Acenaphthylene
Concen: 38.49 ng
RT: 14.34 min Scan# 1916
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.2	25.8
153	14.1	11.0	16.4

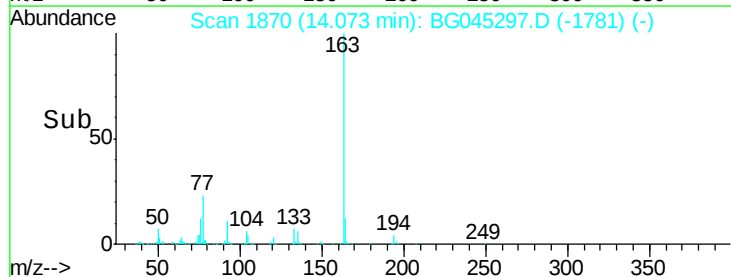
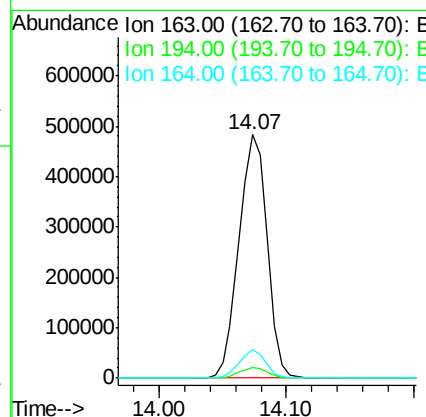
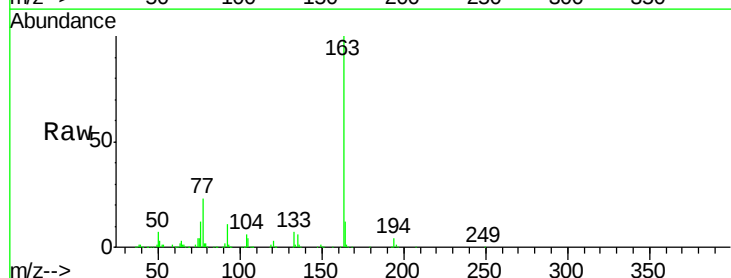
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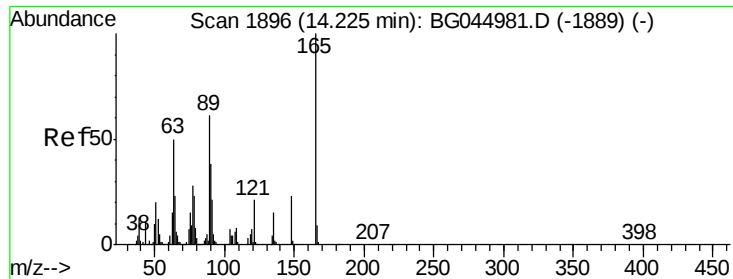
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#50
Dimethylphthalate
Concen: 49.18 ng
RT: 14.07 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	11.6	8.2	12.4





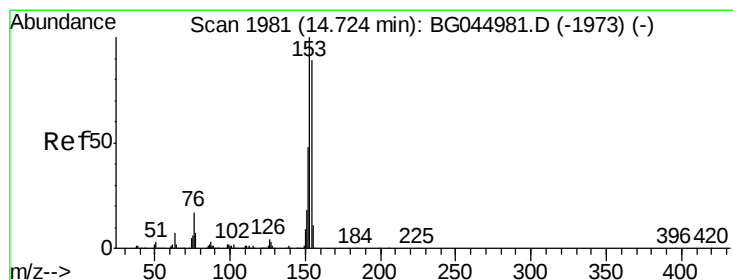
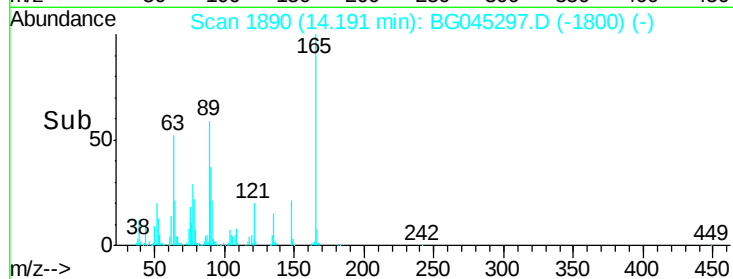
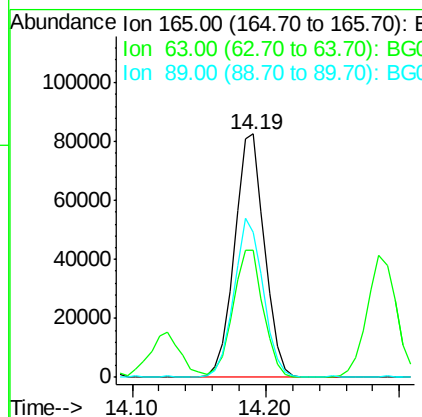
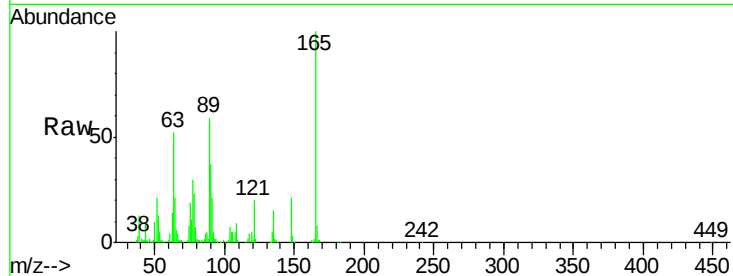
#51
 2,6-Dinitrotoluene
 Concen: 38.13 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	52.3	40.4	60.6
89	59.3	49.1	73.7

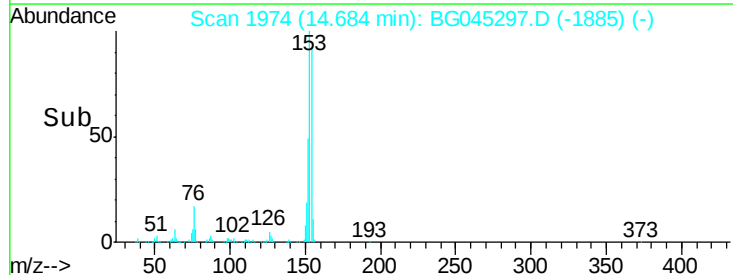
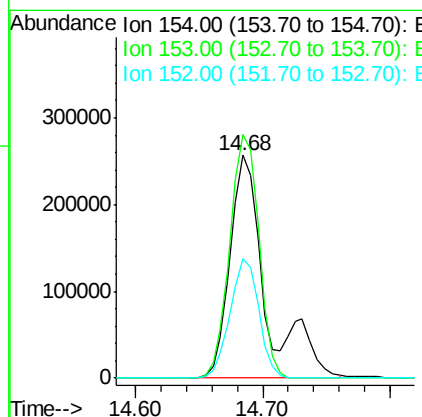
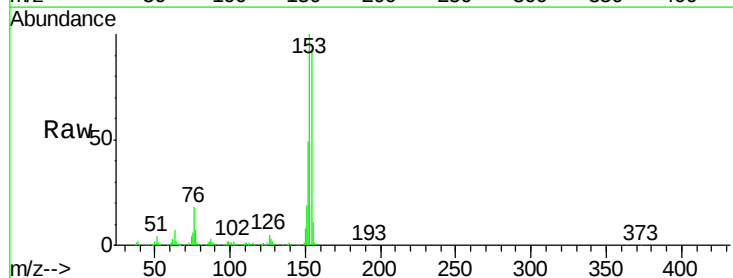
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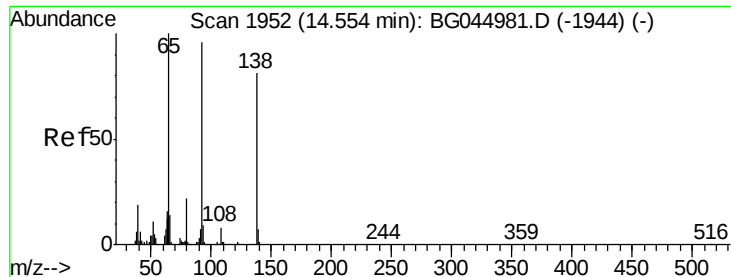
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#52
 Acenaphthene
 Concen: 42.67 ng m
 RT: 14.68 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	109.2	89.7	134.5
152	53.5	43.1	64.7





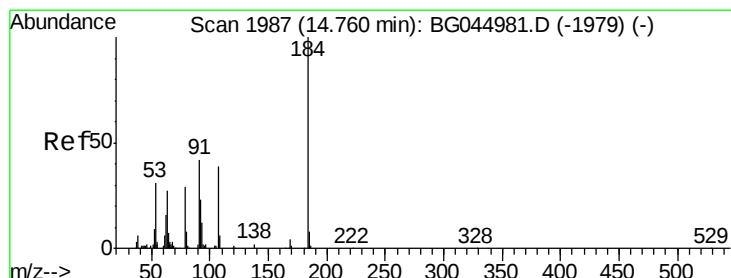
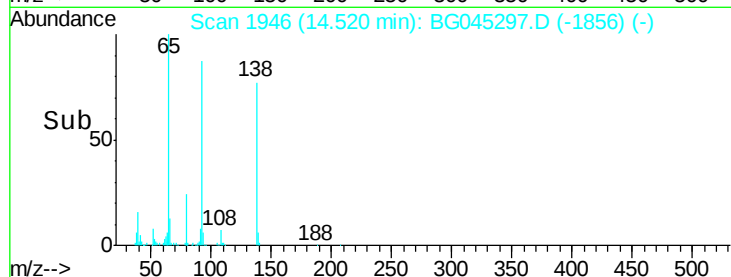
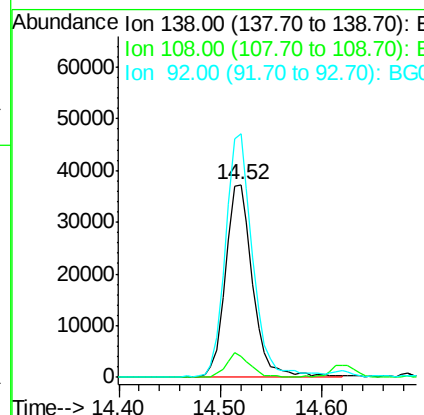
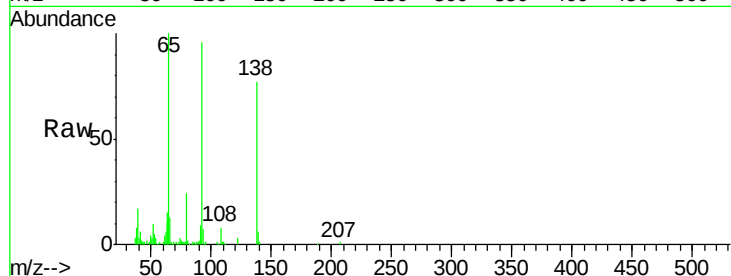
#53
 3-Nitroaniline
 Concen: 18.80 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.8
92	126.1	94.5	141.7

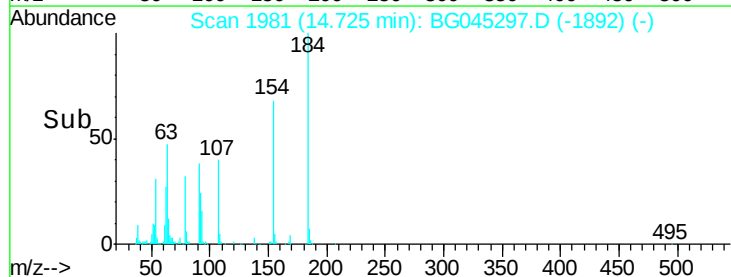
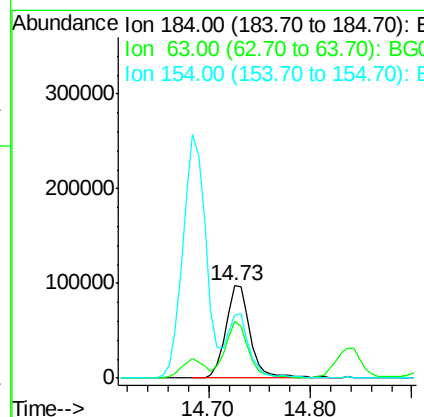
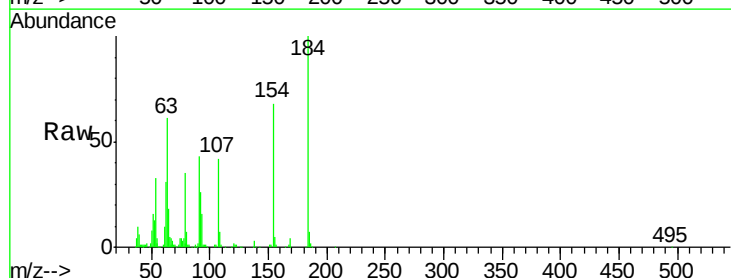
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#54
 2,4-Dinitrophenol
 Concen: 81.96 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.9	41.5	62.3
154	67.6	52.3	78.5





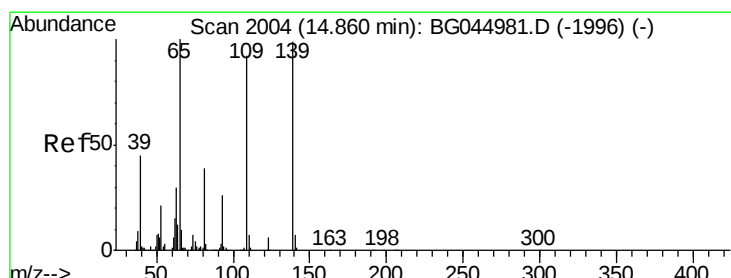
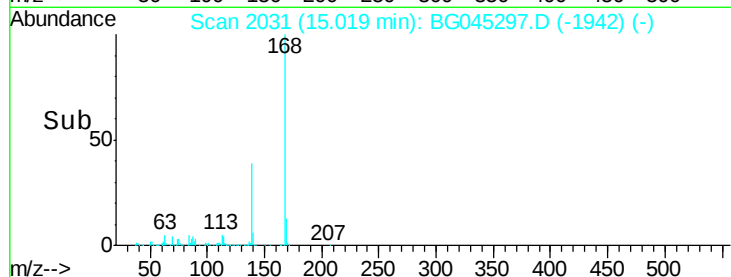
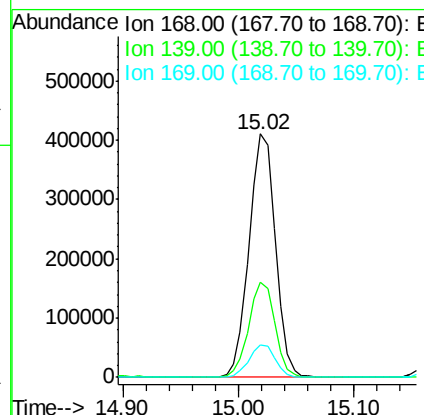
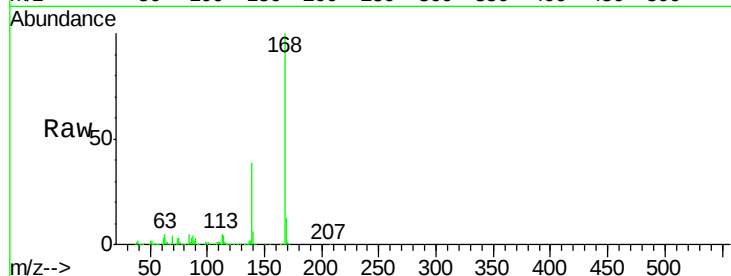
#55
Dibenzenofuran
Concen: 37.88 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.4	45.6
169	13.1	11.0	16.4

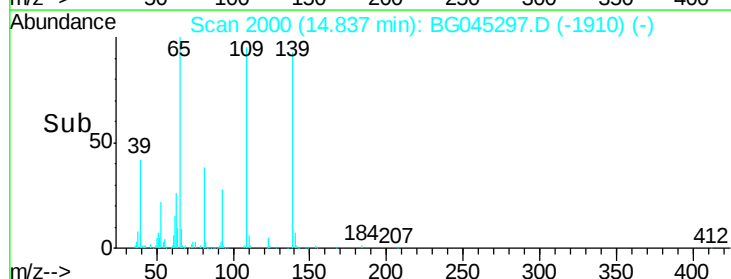
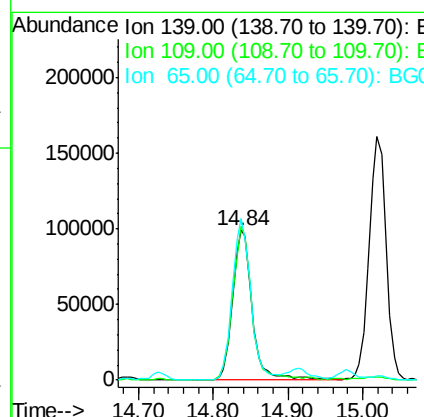
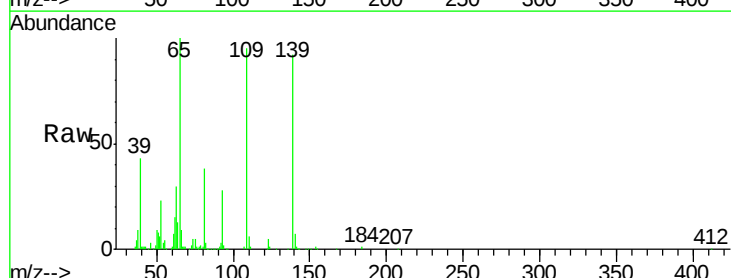
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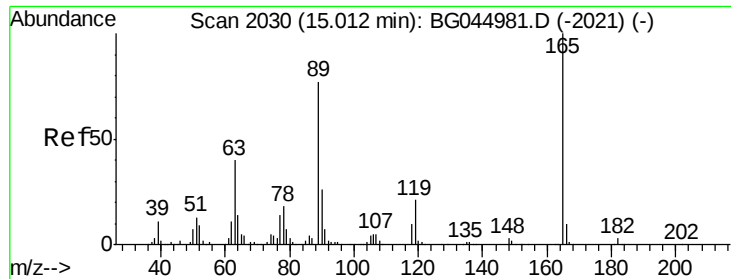
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#56
4-Nitrophenol
Concen: 63.68 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.7	73.6	113.6
65	108.3	81.2	121.2





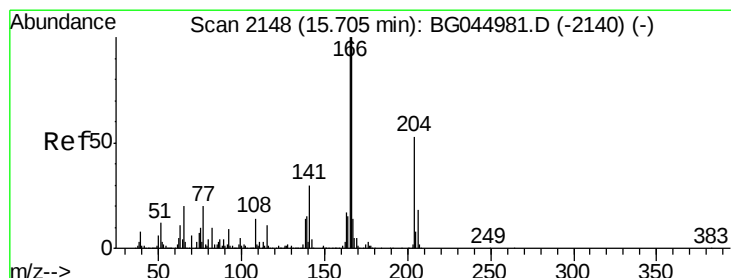
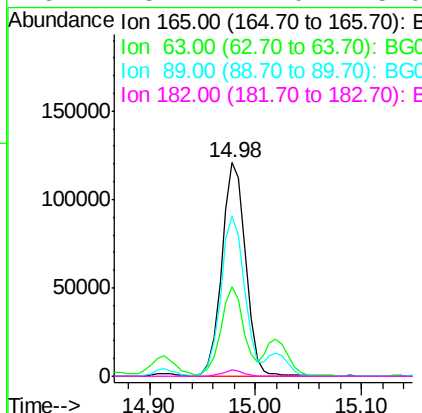
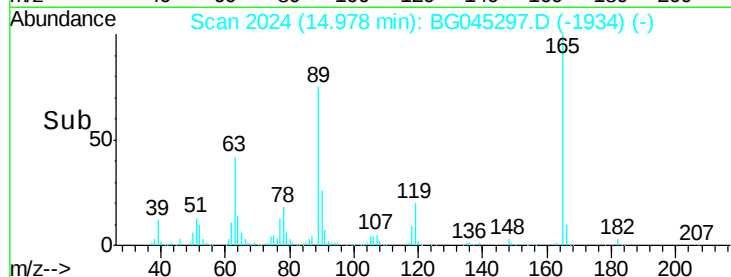
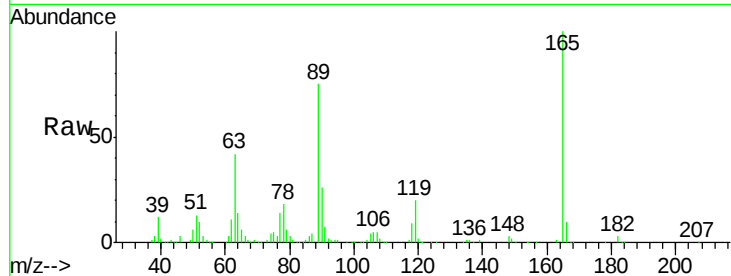
#57
 2,4-Dinitrotoluene
 Concen: 38.08 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	187421		
63	41.9	32.2	48.2	
89	74.9	61.7	92.5	
182	3.1	2.0	3.0#	

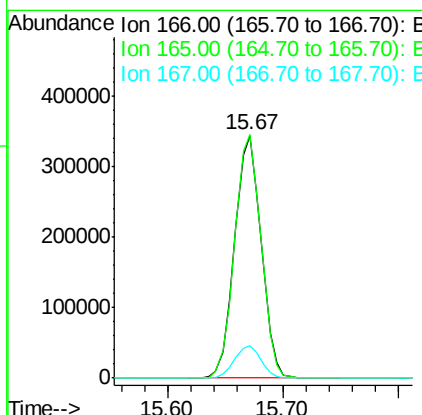
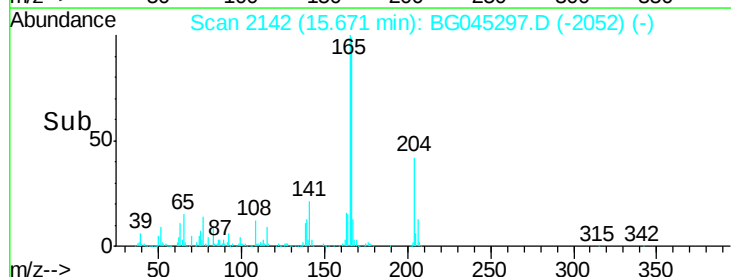
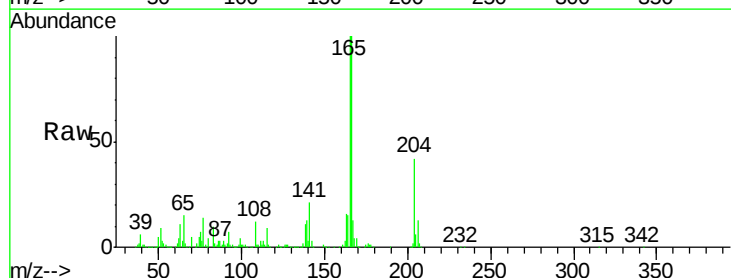
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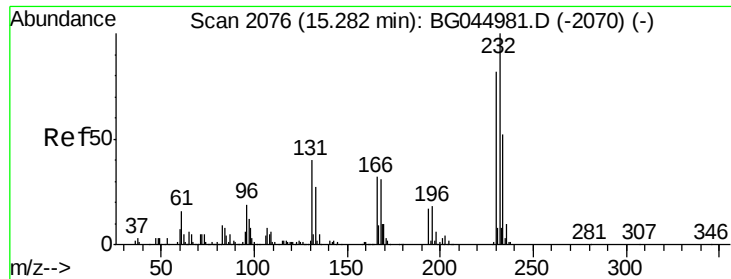
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#58
 Fluorene
 Concen: 38.84 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	547545		
165	100.4	79.9	119.9	
167	13.5	11.4	17.0	





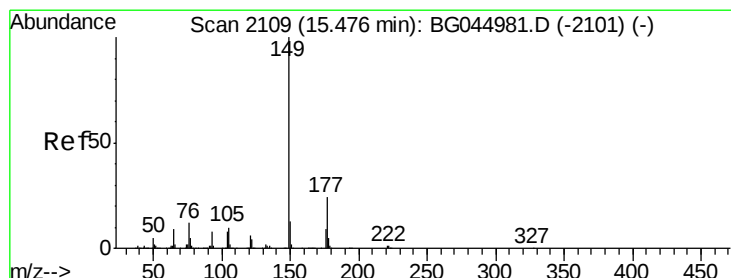
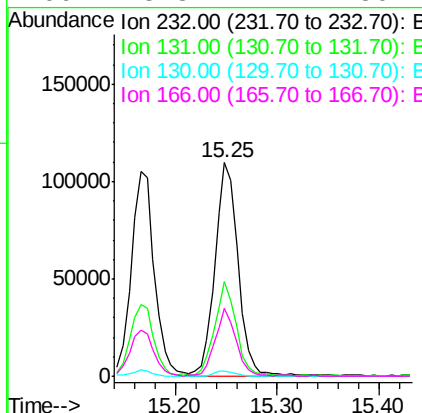
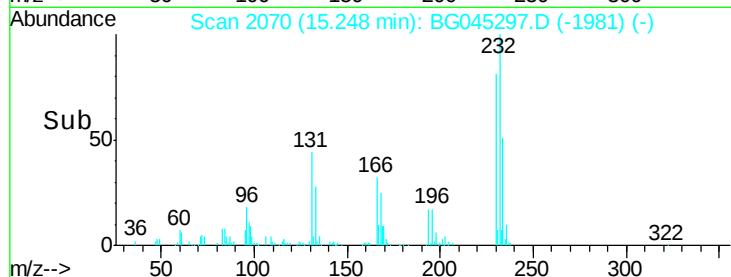
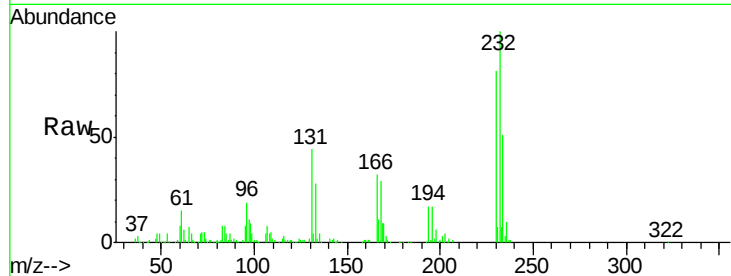
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.50 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	172400		
131	40.5	32.2	48.2	
130	2.4	2.2	3.2	
166	28.3	24.2	36.4	

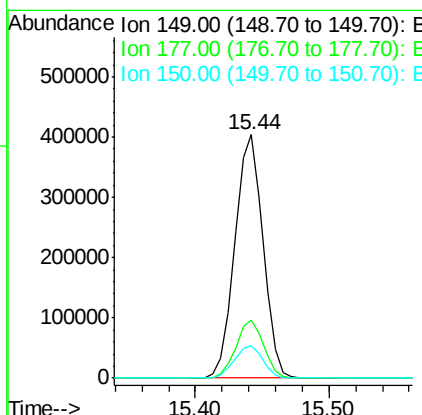
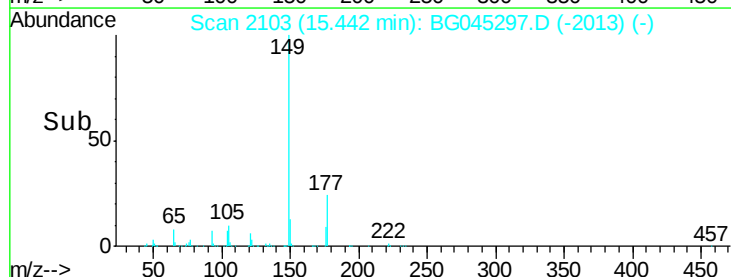
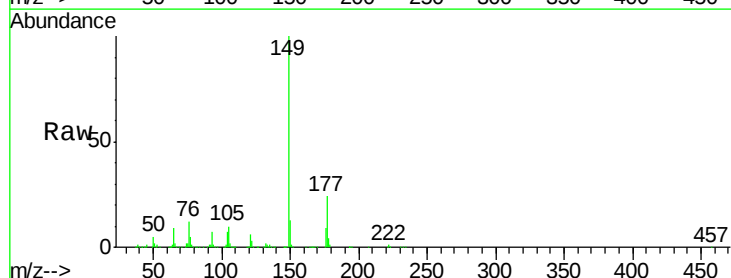
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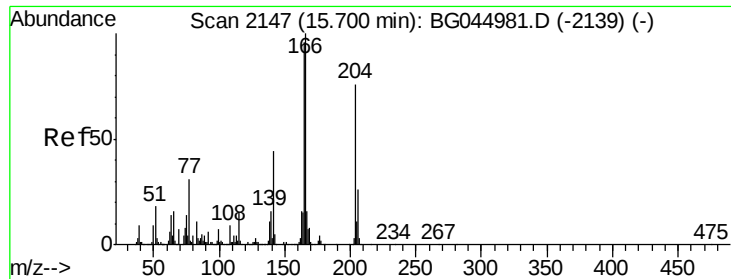
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#60
 Diethylphthalate
 Concen: 37.60 ng
 RT: 15.44 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	590354		
177	23.9	18.9	28.3	
150	13.3	10.6	15.8	





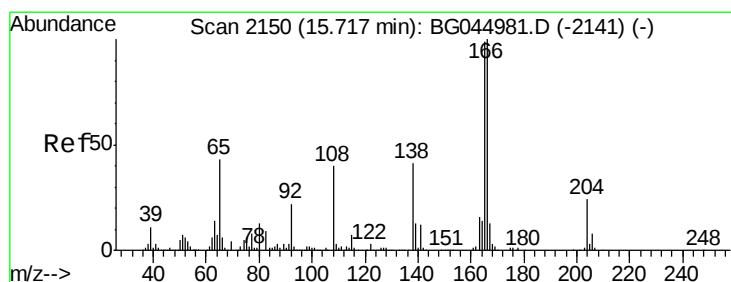
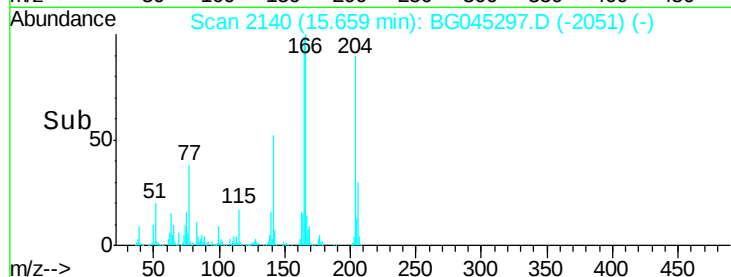
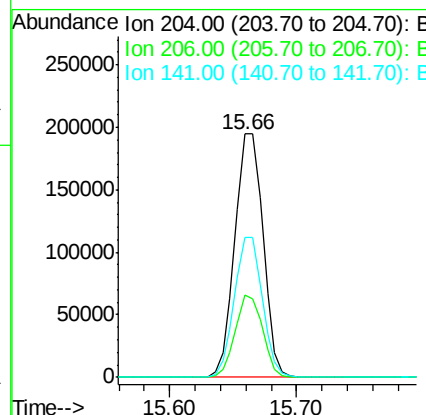
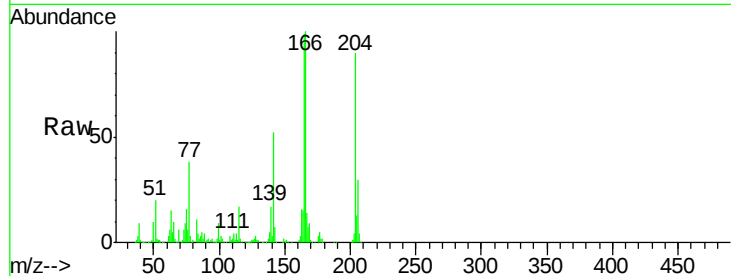
#61
4-Chlorophenyl-phenylether
Concen: 36.93 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	299640		
206	33.9	26.9	40.3	
141	57.7	46.3	69.5	

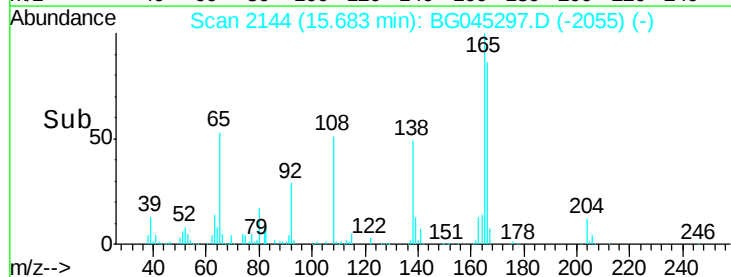
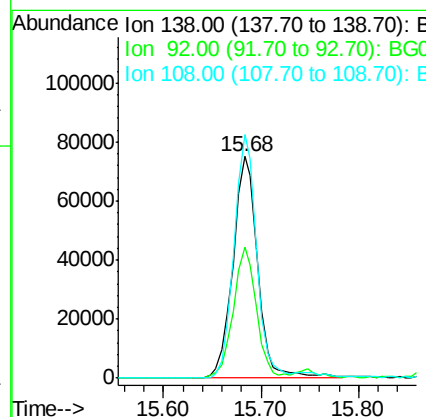
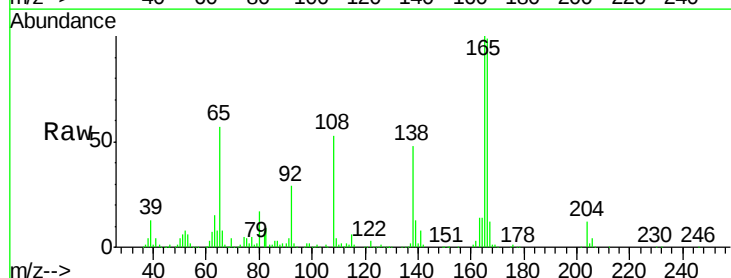
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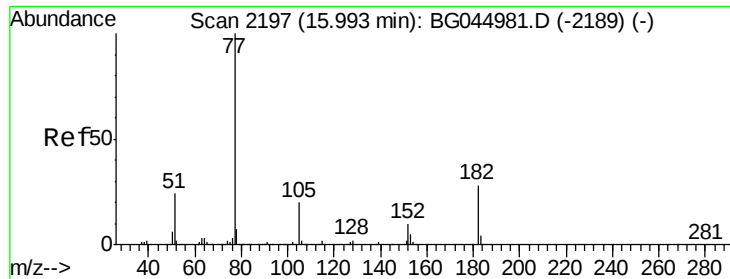
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#62
4-Nitroaniline
Concen: 34.55 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	132365		
92	59.2	33.6	73.6	
108	110.0	78.2	118.2	





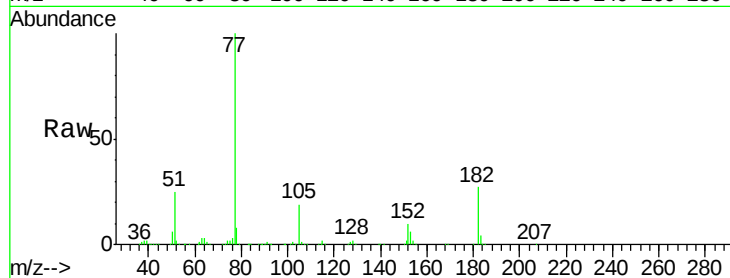
#63
Azobenzene
Concen: 38.59 ng
RT: 15.95 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		558518		
182	26.8	8.4	48.4		
105	18.6	0.5	40.5		
51	25.2	4.4	44.4		

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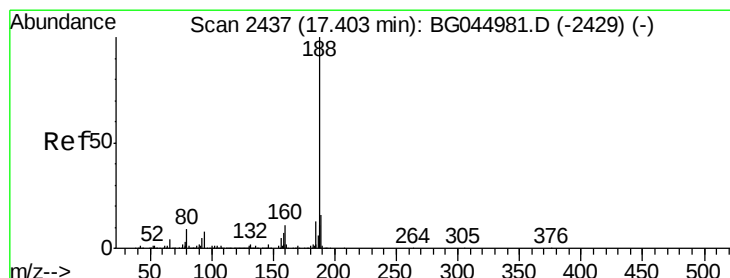
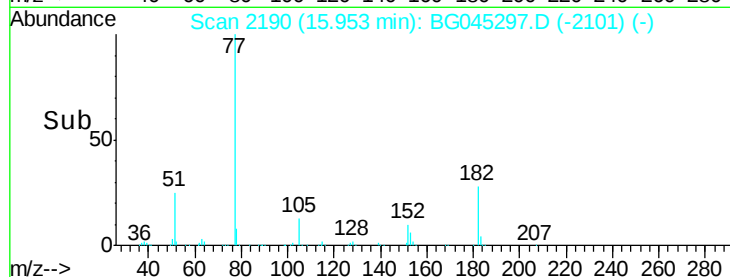
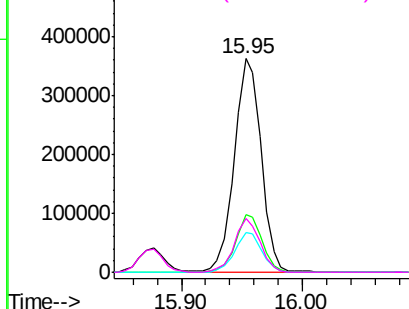
Abundance

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: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

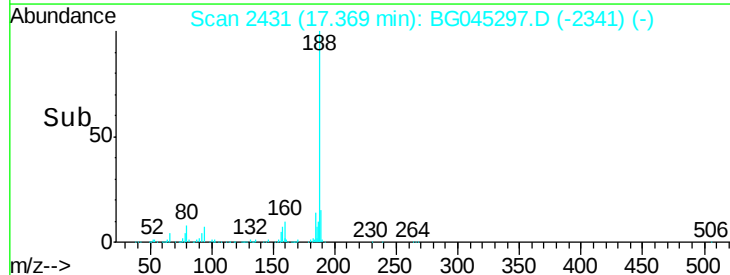
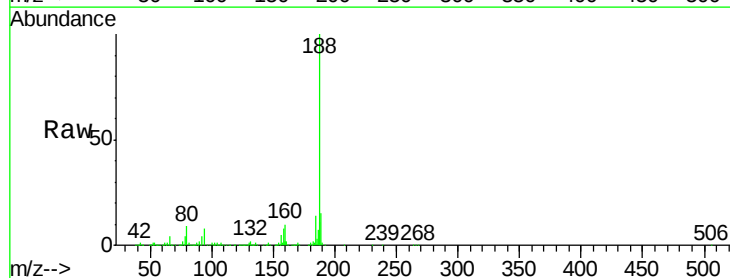
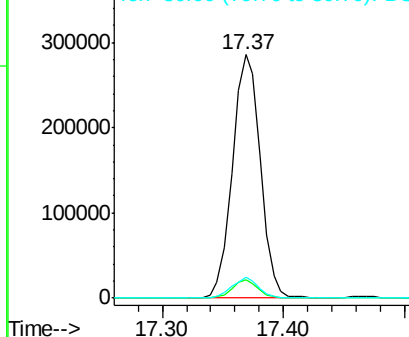
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		460364		
94	7.7	6.2	9.4		
80	8.5	7.0	10.6		

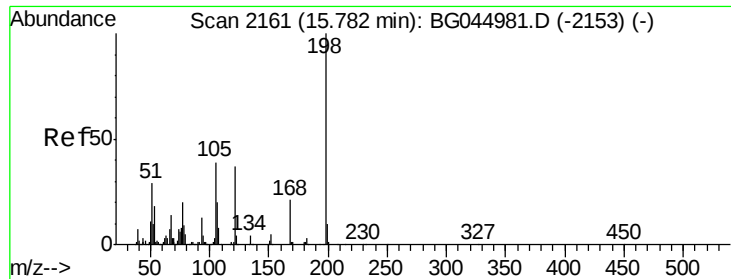
Abundance

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





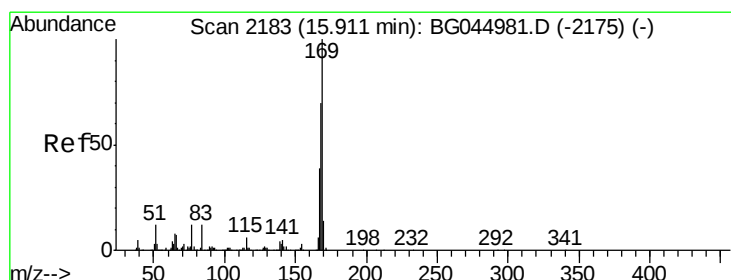
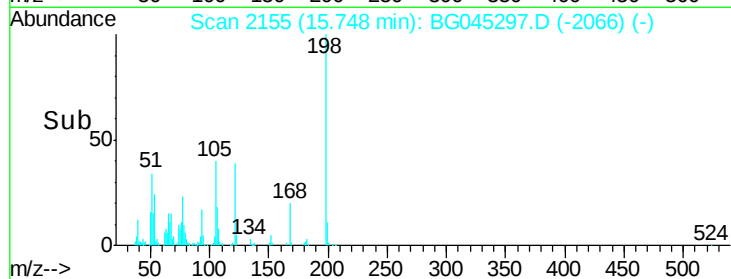
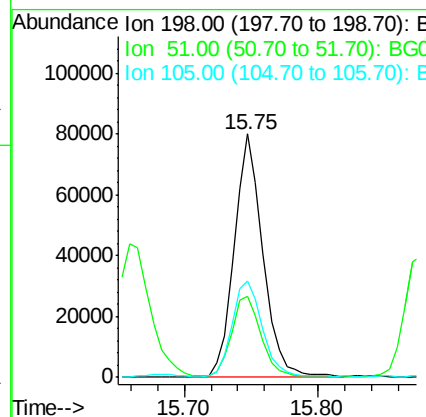
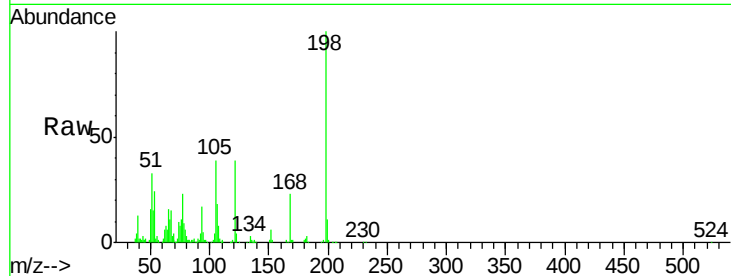
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.59 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	119799		
51	33.4	10.0	50.0	
105	39.4	18.9	58.9	

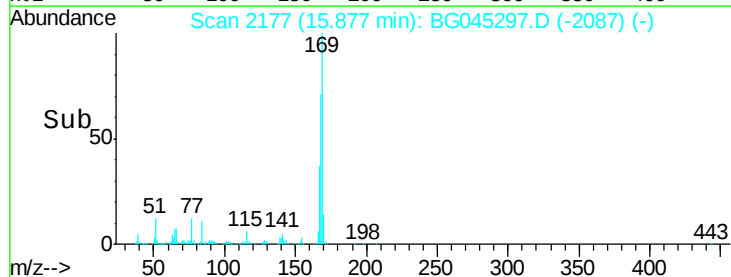
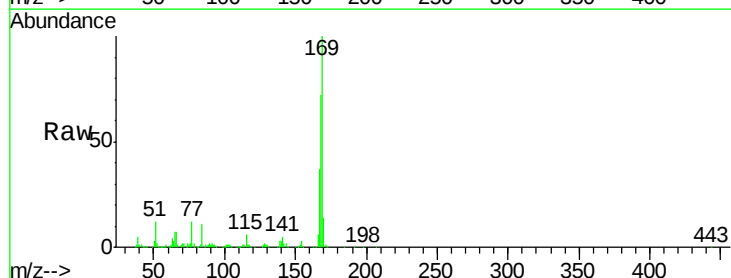
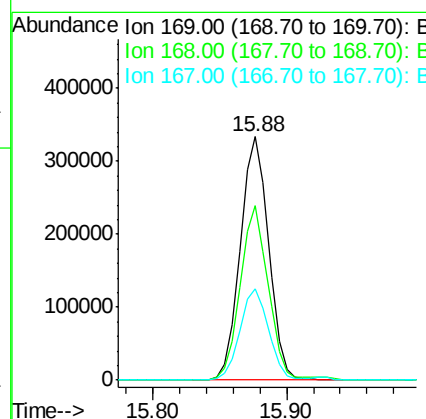
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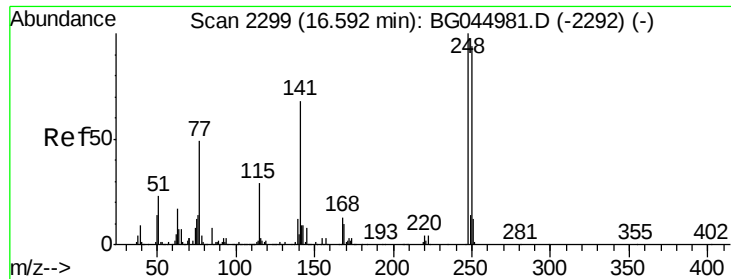
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#66
 n-Nitrosodiphenylamine
 Concen: 37.13 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	491185		
168	71.5	55.8	83.8	
167	37.3	30.8	46.2	





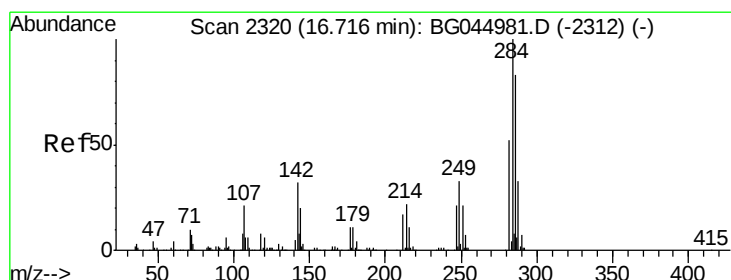
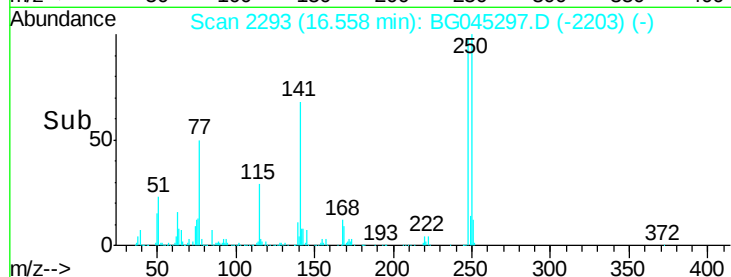
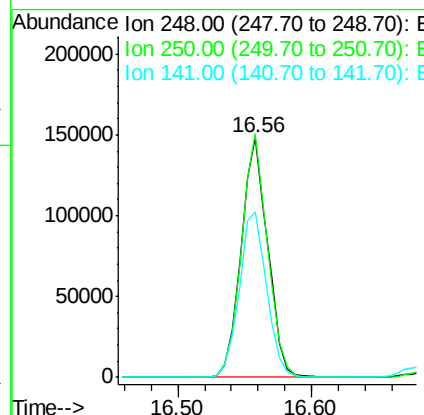
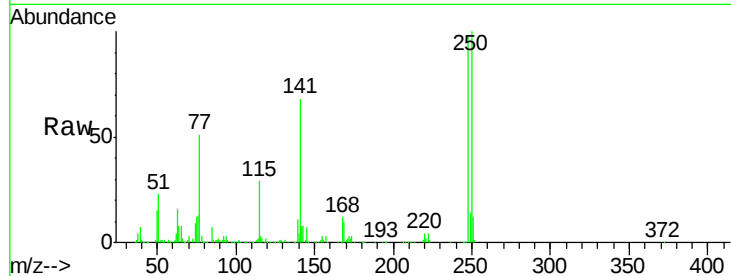
#67
 4-Bromophenyl-phenylether
 Concen: 34.29 ng
 RT: 16.56 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	203641		
250	101.7	75.4	113.2	
141	68.9	54.4	81.6	

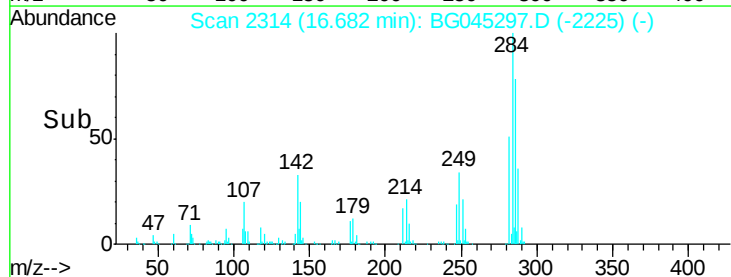
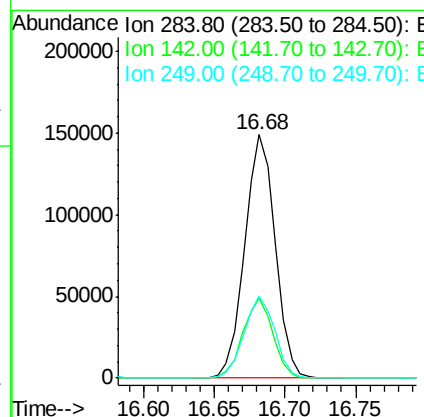
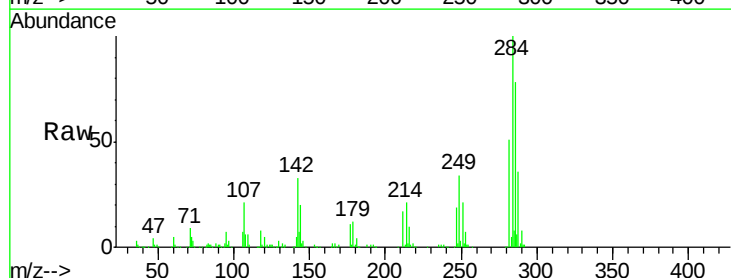
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#68
 Hexachlorobenzene
 Concen: 36.53 ng
 RT: 16.68 min Scan# 2314
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	225019		
142	32.5	25.8	38.6	
249	33.8	26.6	39.8	





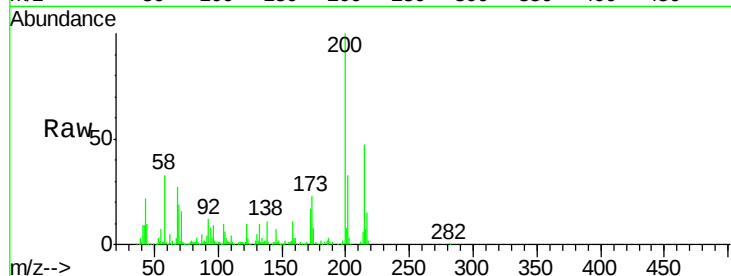
#69
Atrazine
Concen: 40.18 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

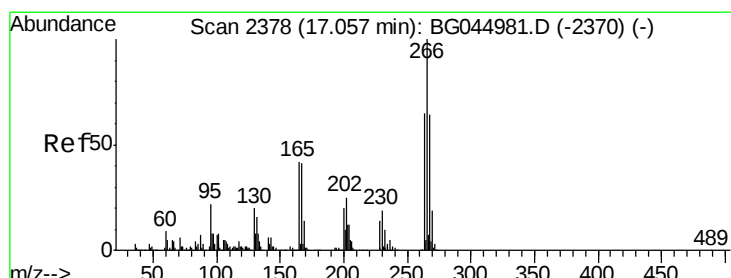
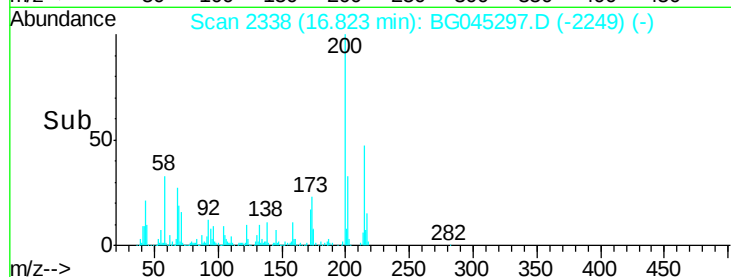
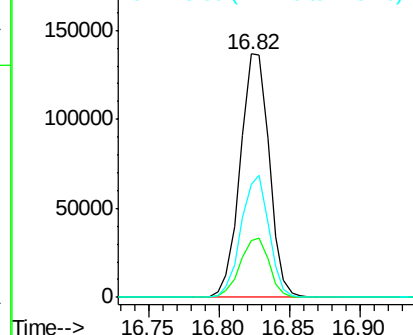
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	196328		
173	23.0	4.5	44.5	
215	46.7	30.0	70.0	

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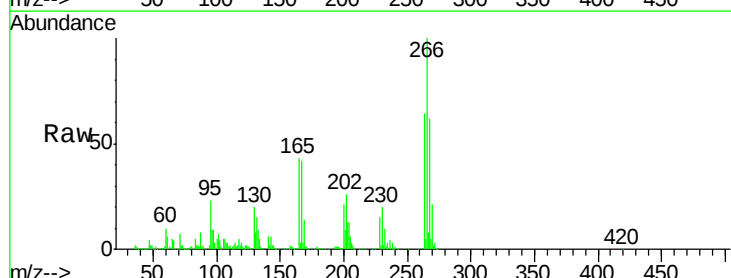


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

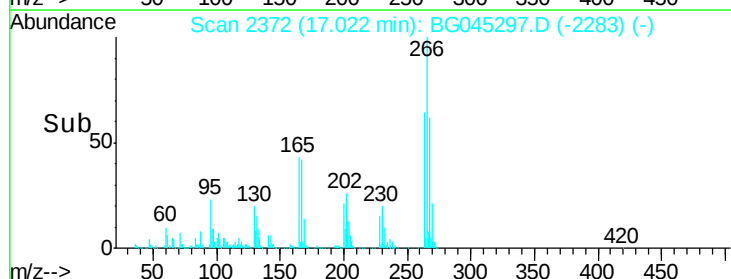
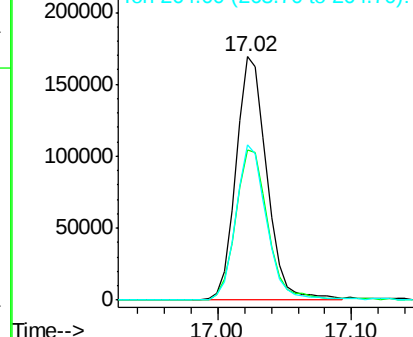


#70
Pentachlorophenol
Concen: 72.06 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	272281		
268	61.7	51.5	77.3	
264	63.6	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





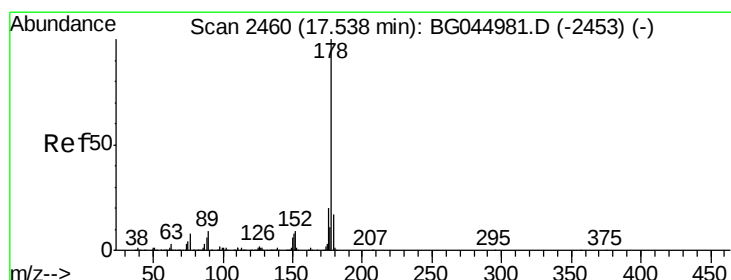
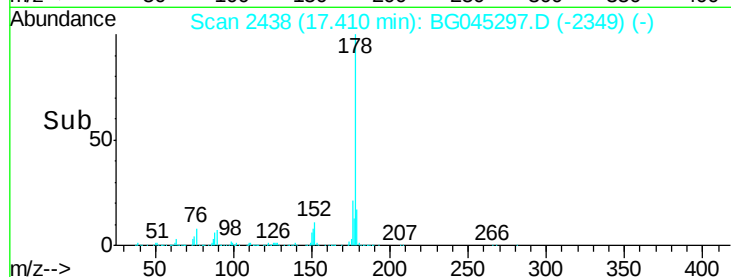
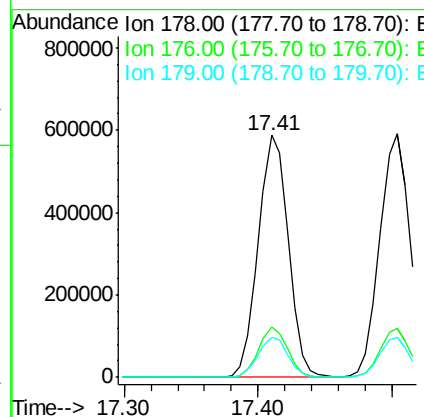
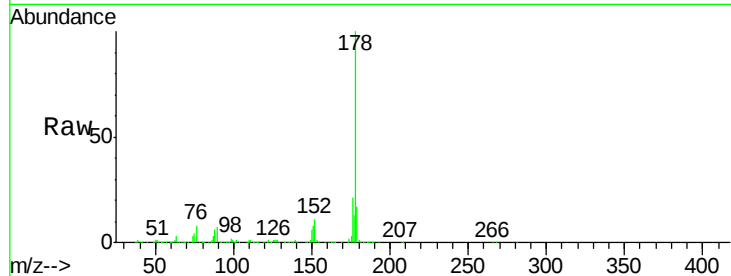
#71
Phenanthrene
Concen: 38.57 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.8	25.2
179	16.6	13.2	19.8

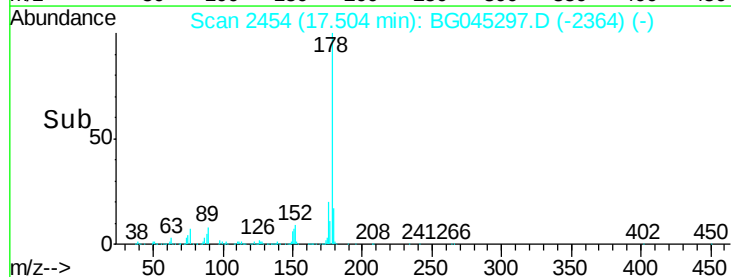
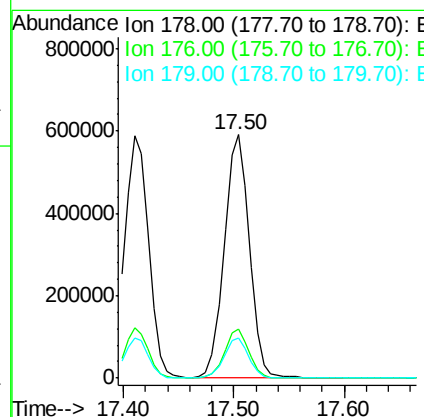
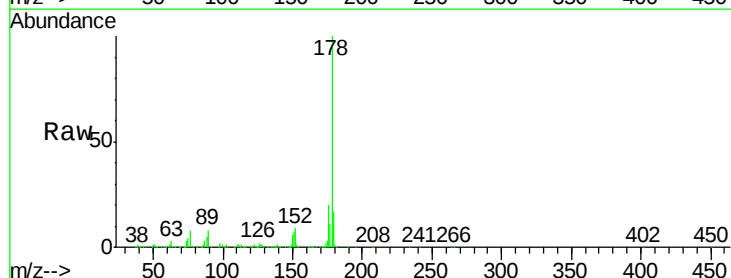
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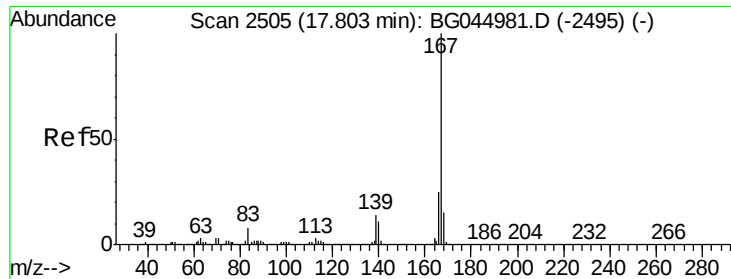
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#72
Anthracene
Concen: 39.28 ng
RT: 17.50 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	16.5	13.6	20.4





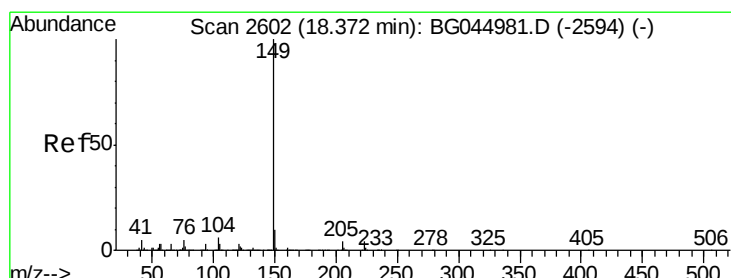
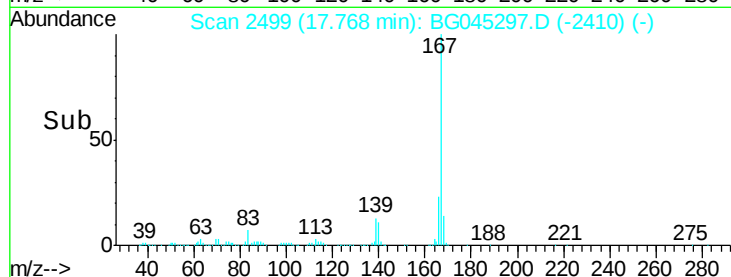
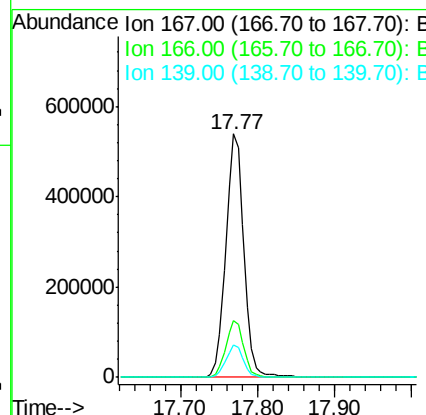
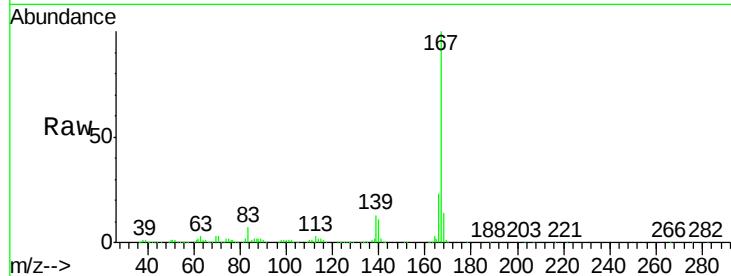
#73
 Carbazole
 Concen: 36.35 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.8	29.6
139	13.5	10.9	16.3

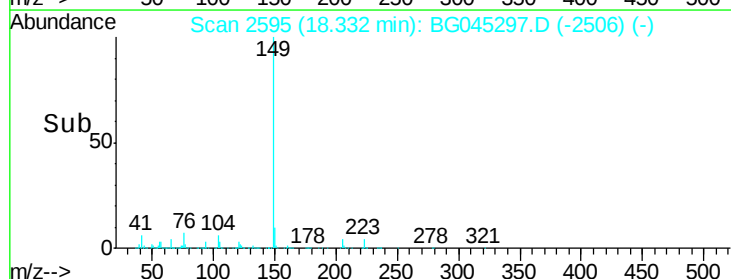
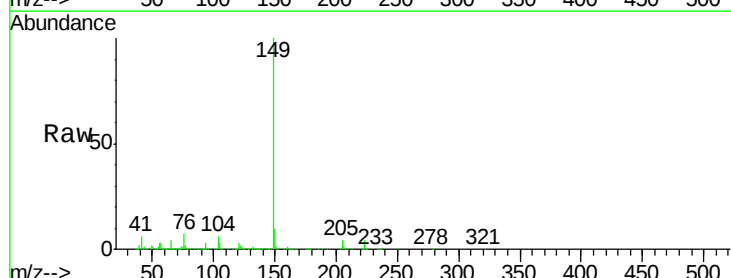
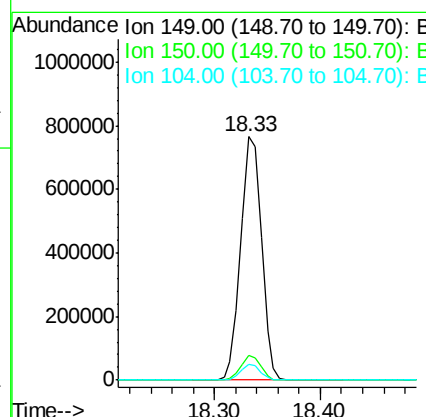
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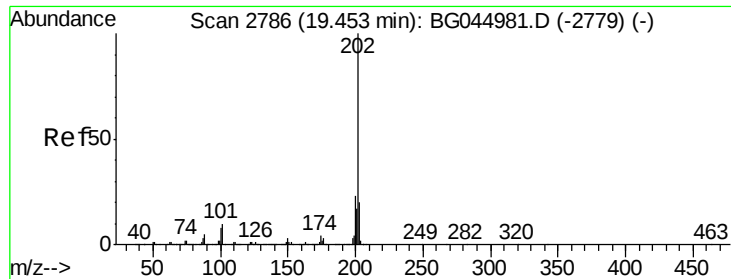
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#74
 Di-n-butylphthalate
 Concen: 38.91 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	6.5	4.8	7.2





#75

Fluoranthene

Concen: 40.92 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

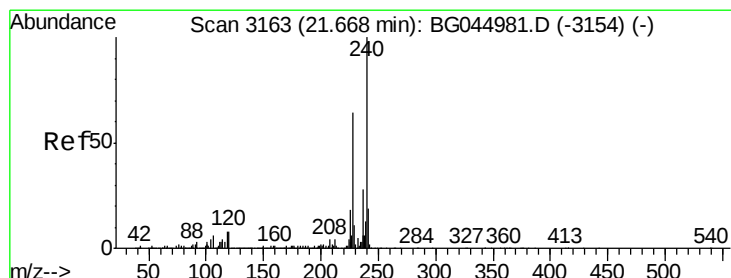
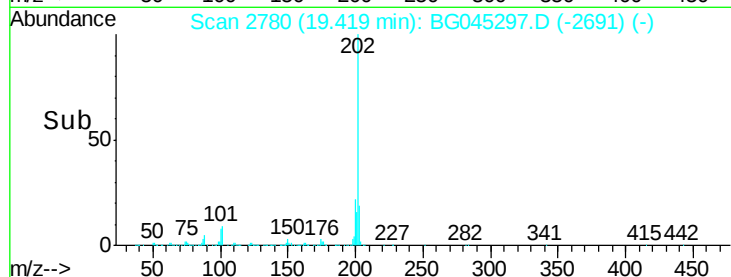
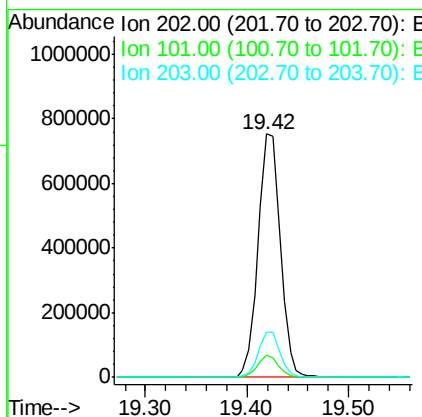
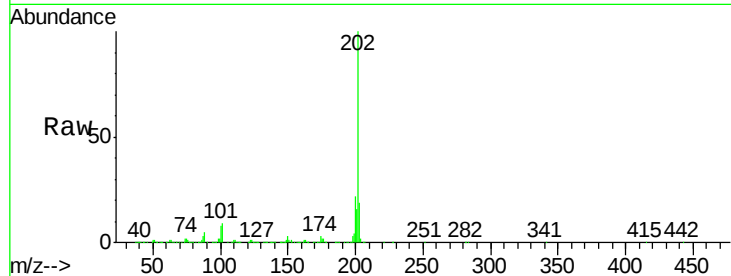
ClientSampleId :

HR-05-050720MS

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
101	9.2	0.0	29.6		
203	18.7	0.0	39.7		

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#76

Chrysene-d12

Concen: 20.00 ng

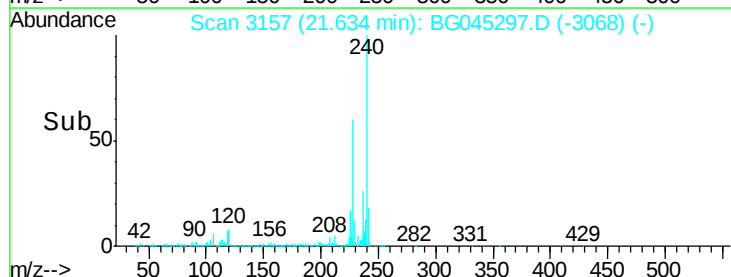
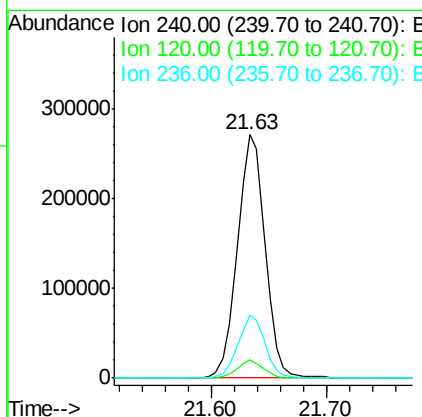
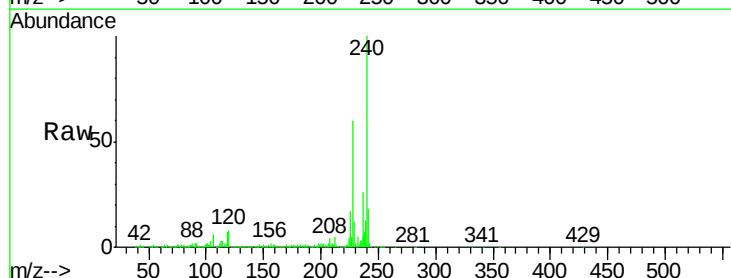
RT: 21.63 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100				
120	7.8	6.6	10.0		
236	25.7	22.2	33.2		





#77

Benzidine

Concen: 24.24 ng

RT: 19.60 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

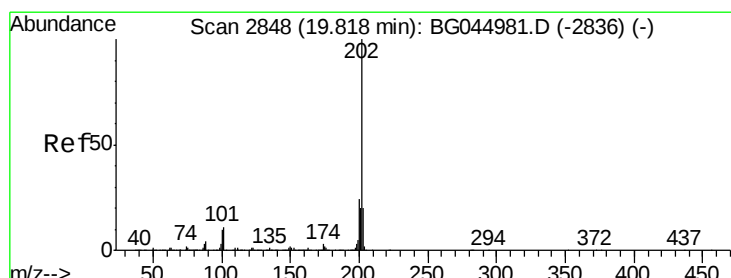
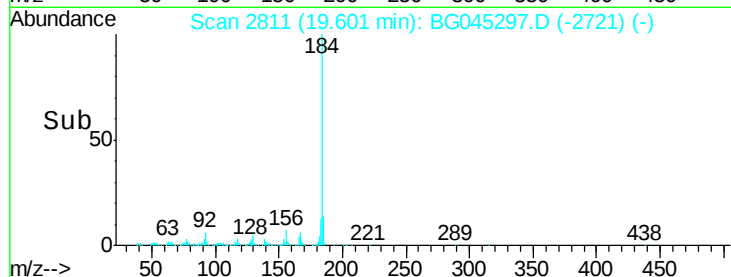
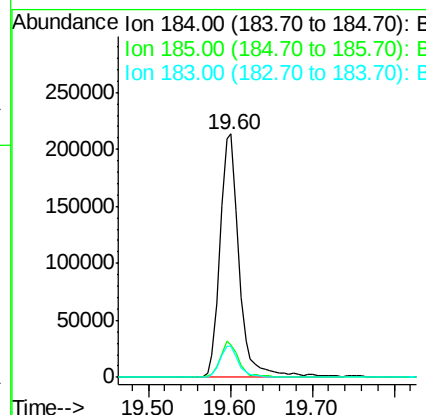
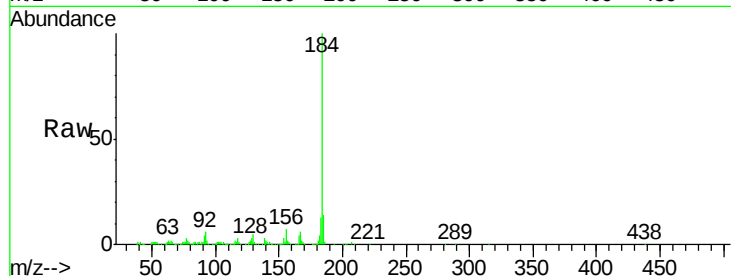
ClientSampleId :

HR-05-050720MS

Tgt Ion:	184	Resp:	350386
Ion Ratio	Lower	Upper	
184	100		
185	13.5	12.6	19.0
183	12.9	11.3	16.9

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#78

Pyrene

Concen: 37.13 ng

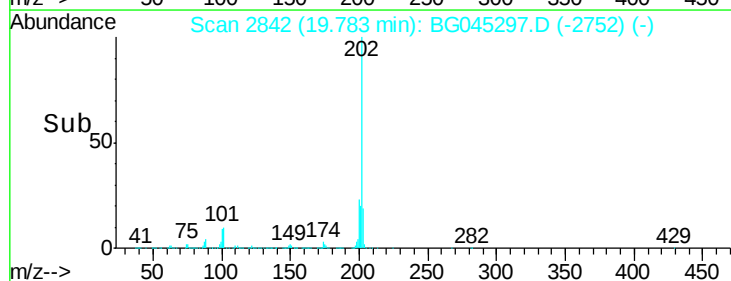
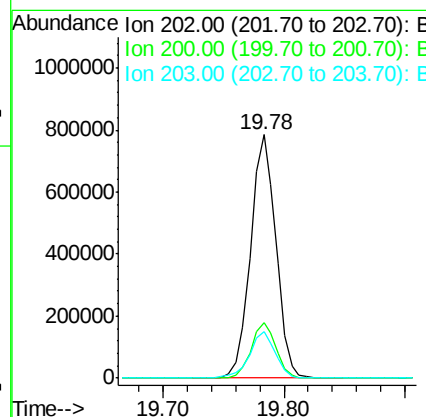
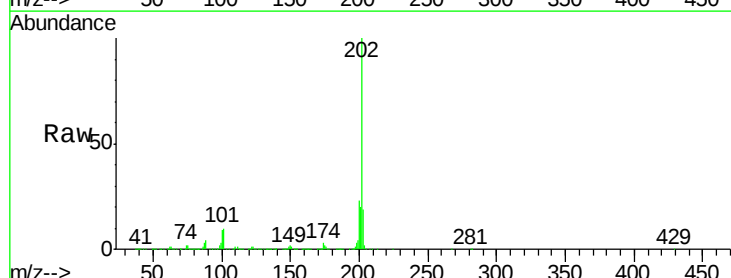
RT: 19.78 min Scan# 2842

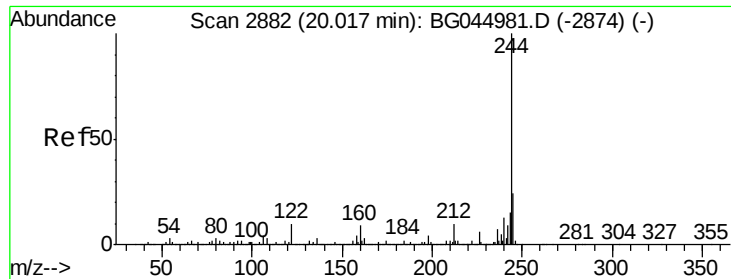
Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Tgt Ion:	202	Resp:	1147429
Ion Ratio	Lower	Upper	
202	100		
200	22.7	19.0	28.6
203	18.9	16.1	24.1





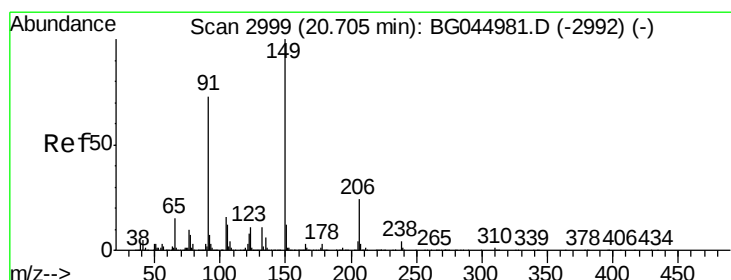
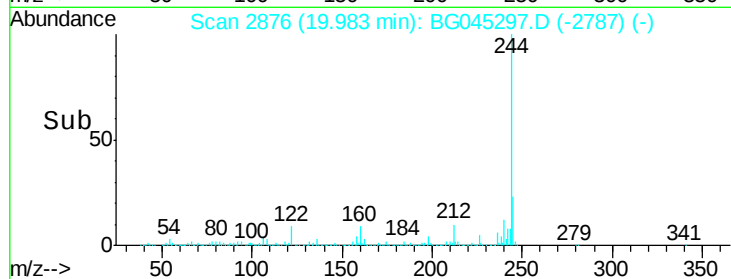
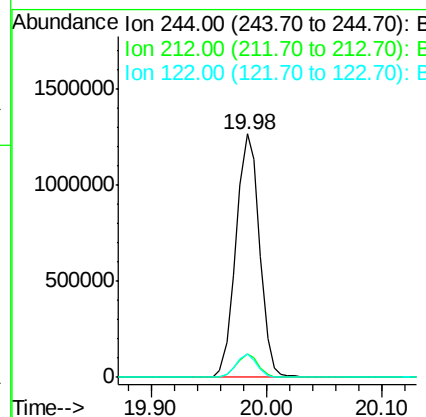
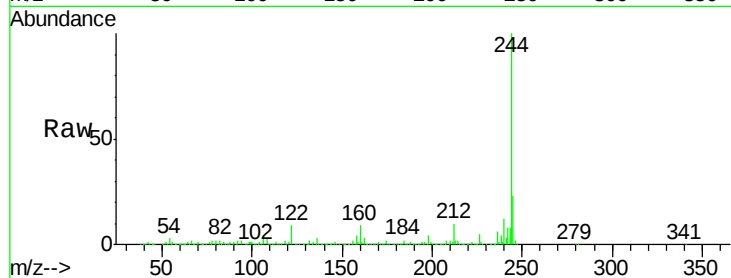
#79
 Terphenyl-d14
 Concen: 87.21 ng
 RT: 19.98 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.9	11.9
122	9.4	7.7	11.5

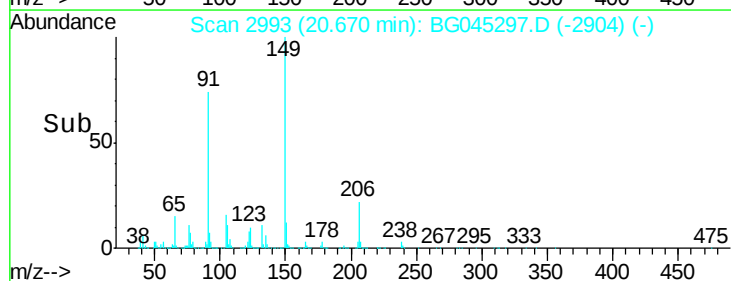
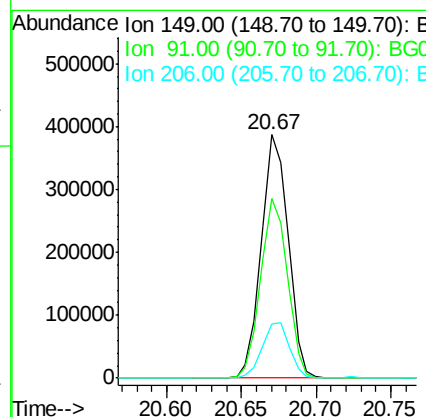
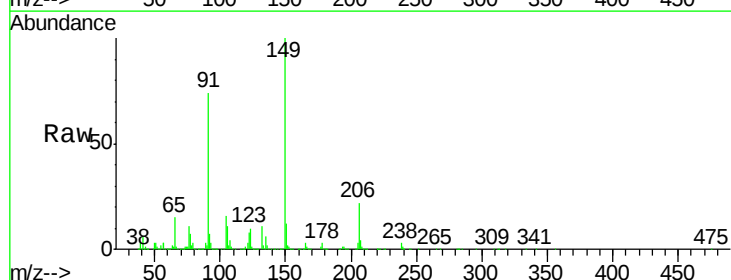
Manual Integrations
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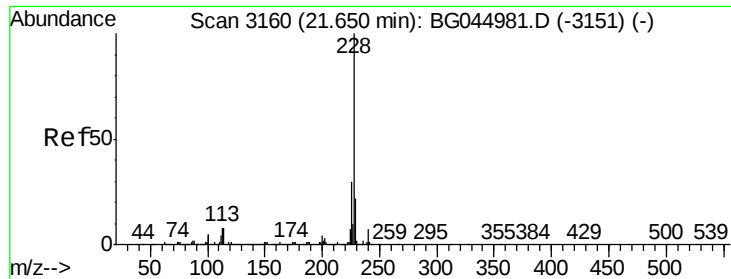
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#80
 Butylbenzylphthalate
 Concen: 37.50 ng
 RT: 20.67 min Scan# 2993
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.7	58.5	87.7
206	22.1	19.2	28.8





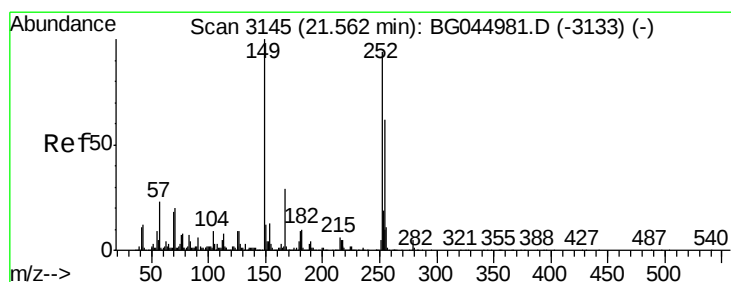
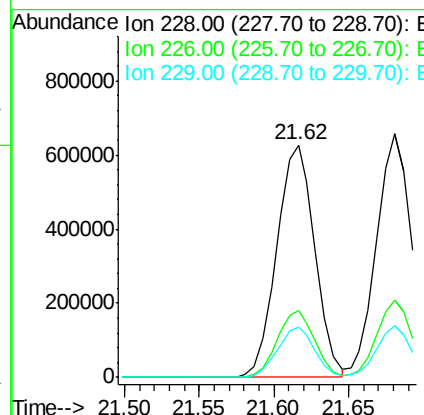
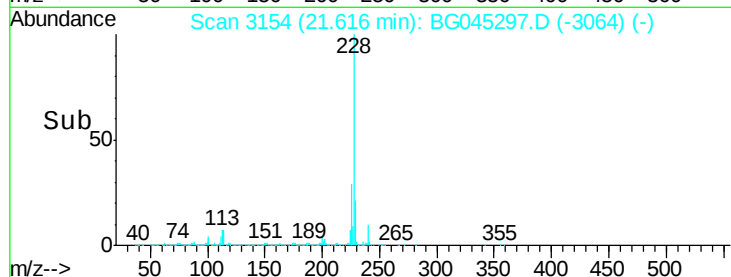
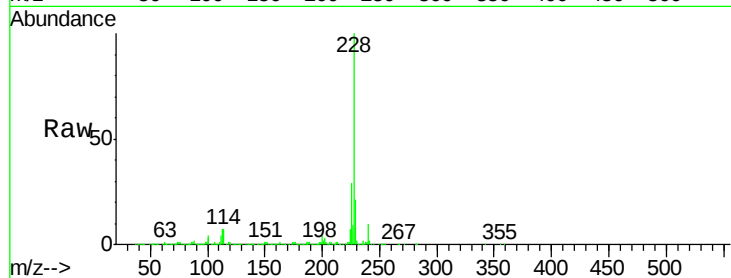
#81
Benzo(a)anthracene
Concen: 38.21 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	21.4	17.5	26.3

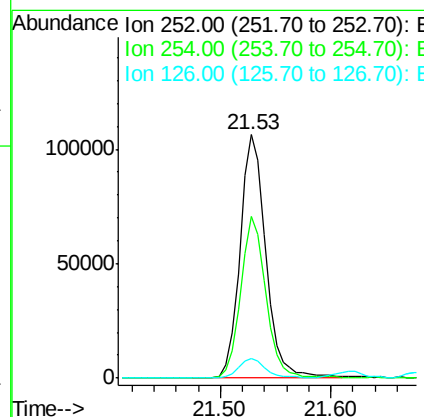
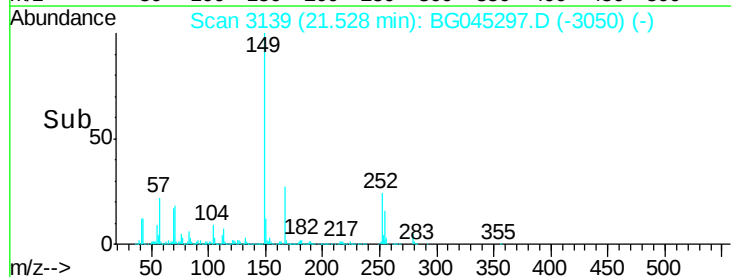
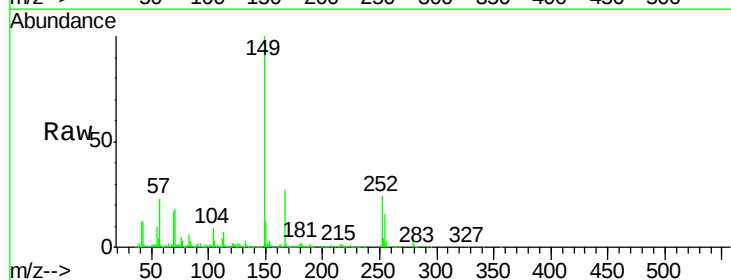
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#82
3,3'-Dichlorobenzidine
Concen: 15.08 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	52.6	79.0
126	8.2	7.5	11.3





#83

Chrysene

Concen: 38.03 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

Tgt Ion:228 Resp: 1061695

Ion Ratio Lower Upper

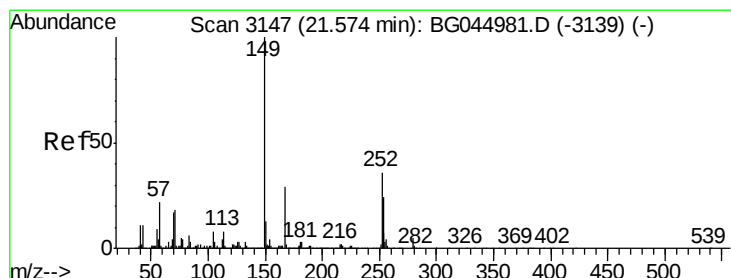
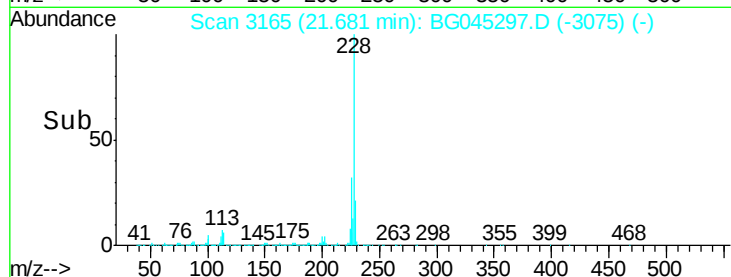
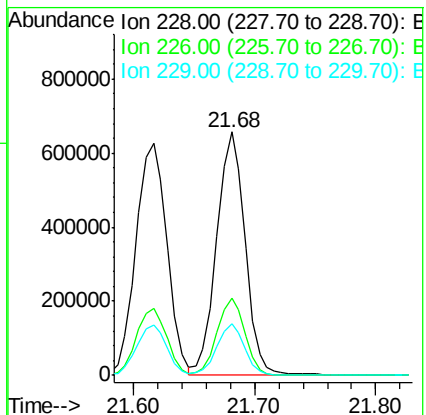
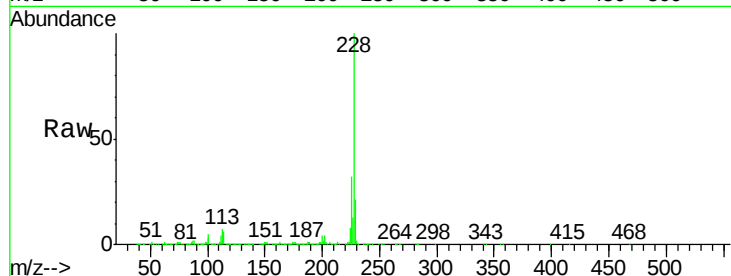
228 100

226 31.9 26.2 39.4

229 21.4 17.0 25.6

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#84

Bis(2-ethylhexyl)phthalate

Concen: 37.99 ng

RT: 21.53 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

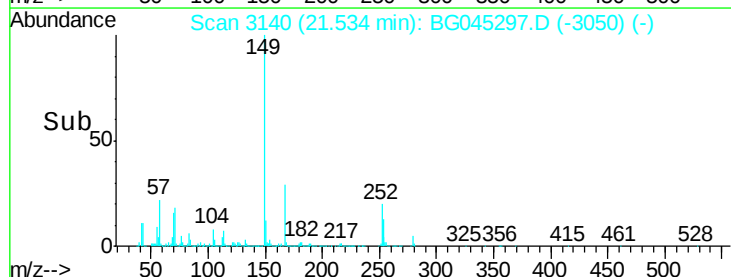
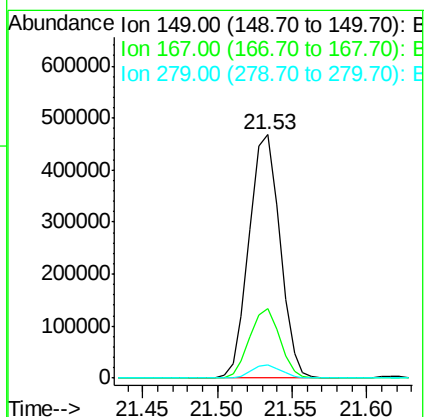
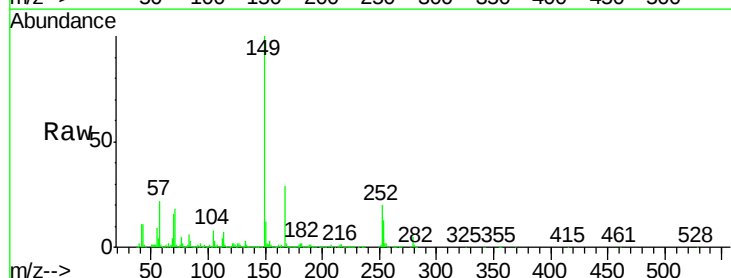
Tgt Ion:149 Resp: 669316

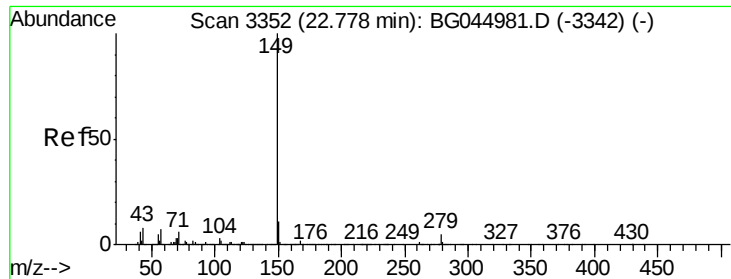
Ion Ratio Lower Upper

149 100

167 28.5 23.4 35.0

279 5.4 4.3 6.5





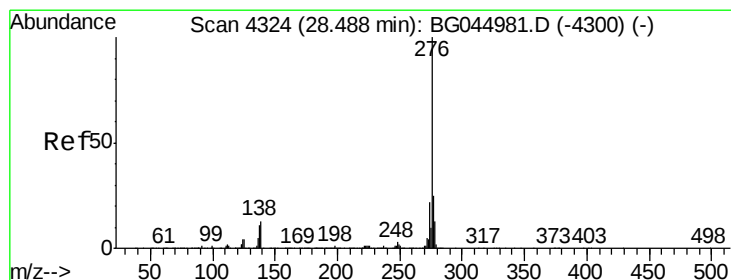
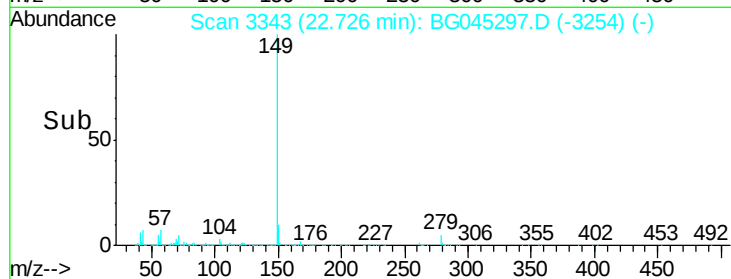
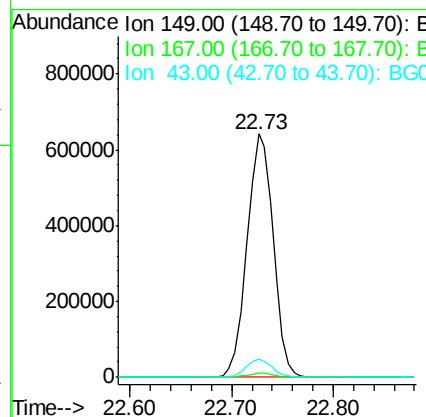
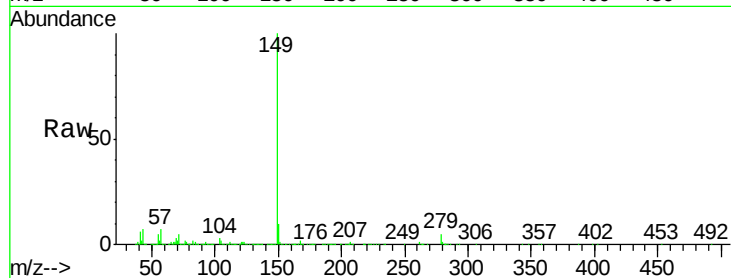
#85
Di-n-octyl phthalate
Concen: 37.59 ng
RT: 22.73 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	7.2	5.7	8.5

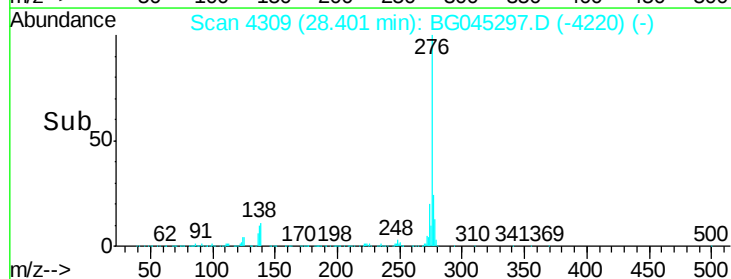
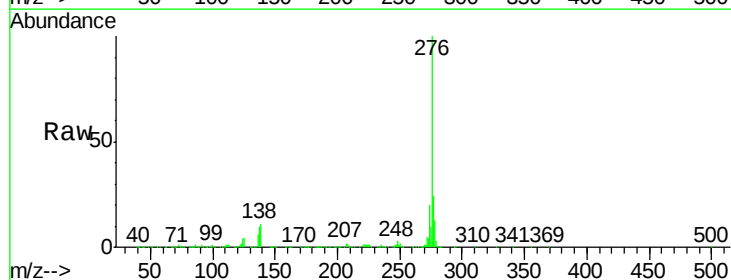
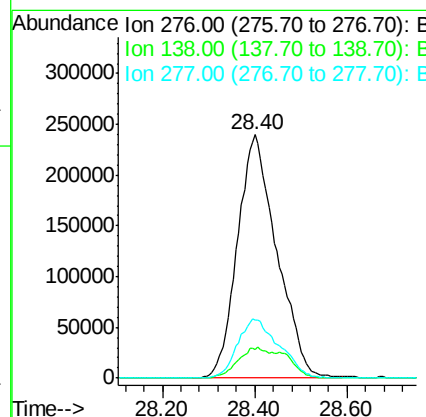
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.26 ng
RT: 28.40 min Scan# 4309
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.9	9.6	14.4#
277	25.7	20.6	31.0





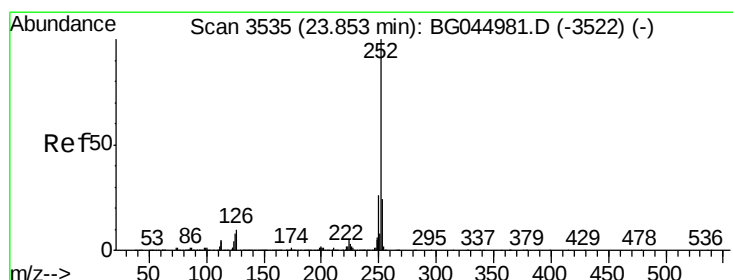
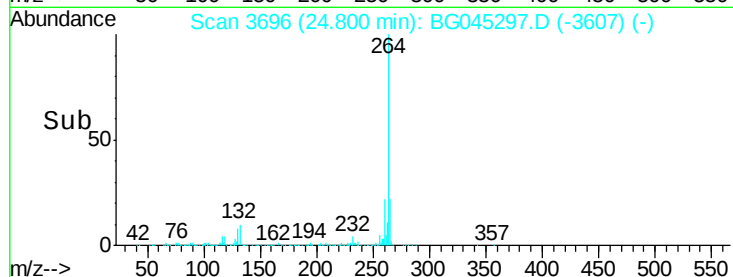
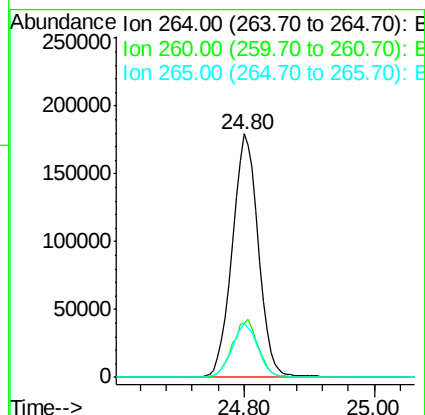
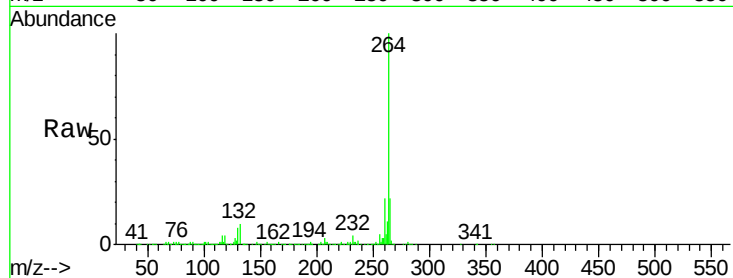
#87
Perylene-d12
Concen: 20.00 ng
RT: 24.80 min Scan# 3696
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	498246		
260	22.1	19.2	28.8	
265	22.0	19.0	28.4	

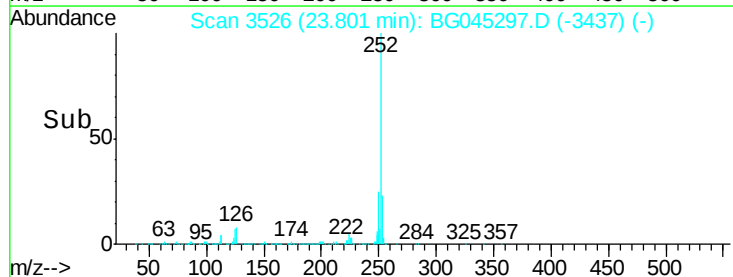
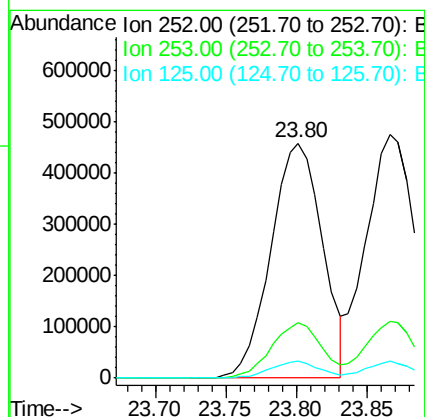
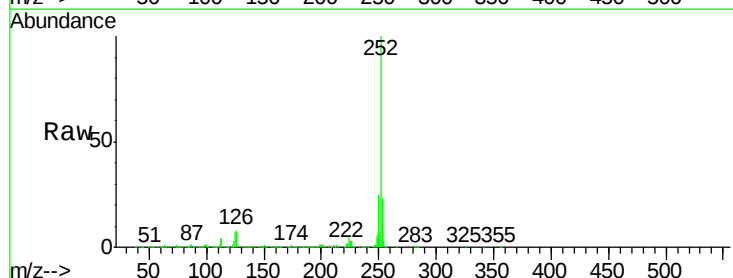
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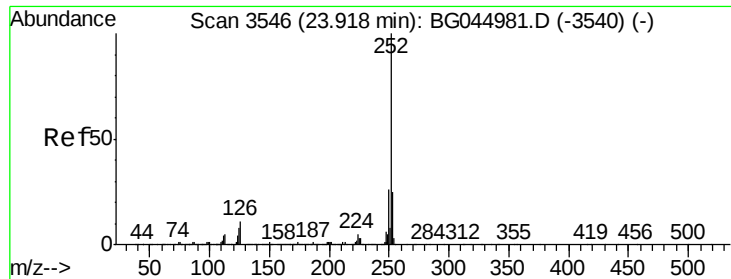
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#88
Benzo(b)fluoranthene
Concen: 37.32 ng
RT: 23.80 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1164776		
253	23.4	18.8	28.2	
125	7.2	6.2	9.4	





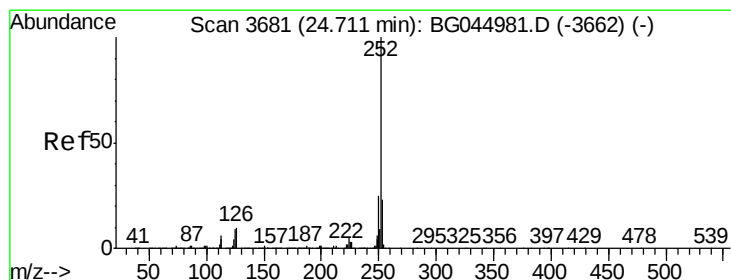
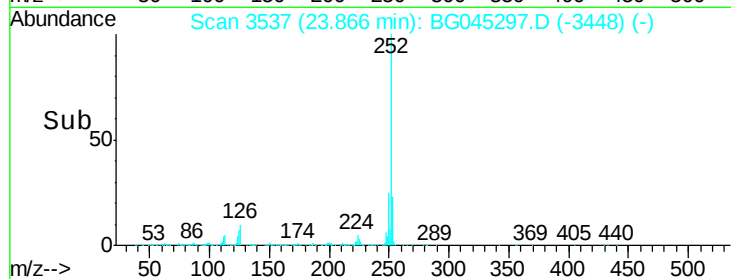
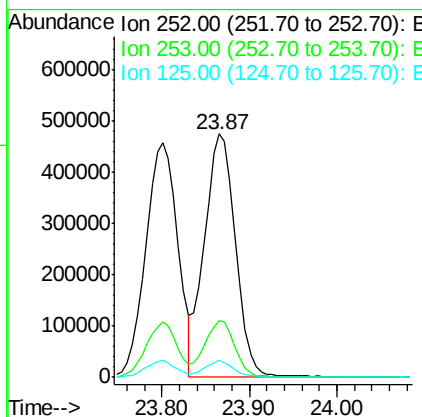
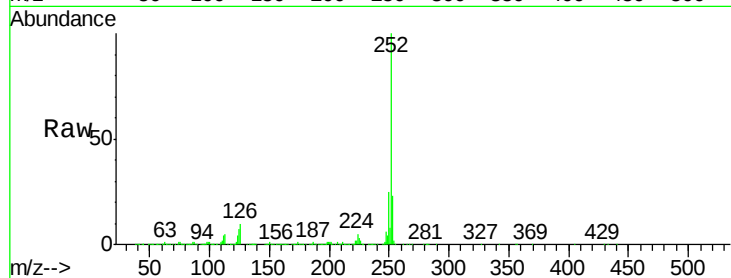
#89
Benzo(k)fluoranthene
Concen: 39.25 ng
RT: 23.87 min Scan# 3537
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.2	28.8
125	6.8	5.9	8.9

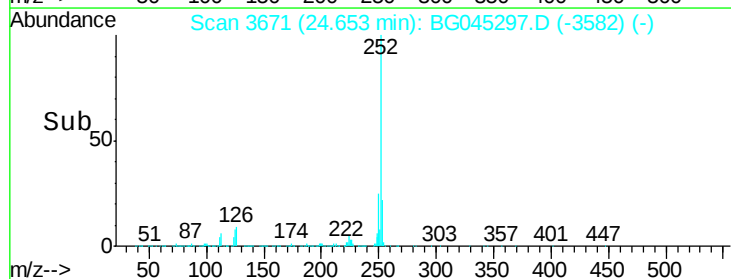
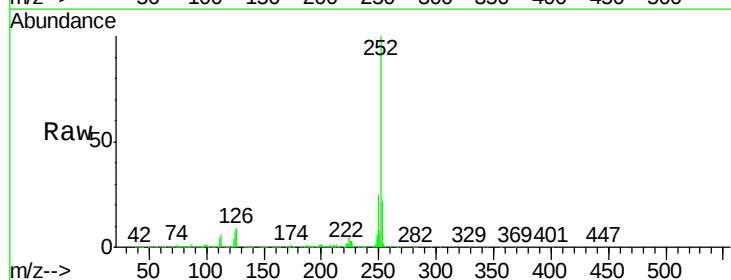
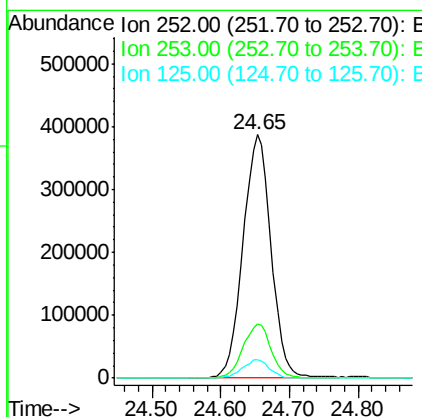
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#90
Benzo(a)pyrene
Concen: 37.37 ng
RT: 24.65 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	7.7	7.0	10.6





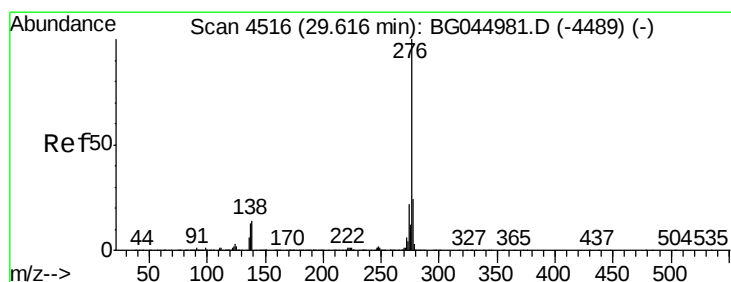
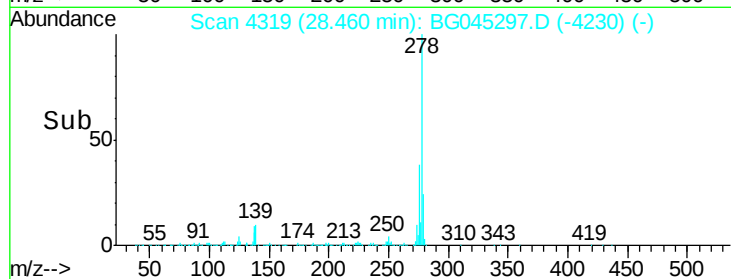
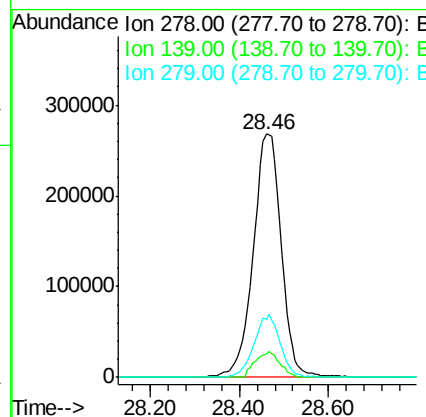
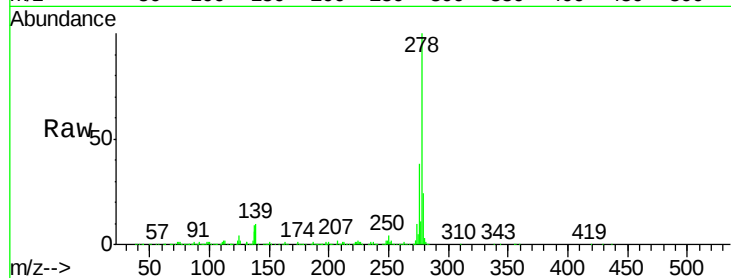
#91
Dibenzo(a,h)anthracene
Concen: 38.84 ng
RT: 28.46 min Scan# 4319
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.9	9.0	13.6
279	24.0	18.4	27.6

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#92
Benzo(g,h,i)perylene
Concen: 39.46 ng
RT: 29.53 min Scan# 4501
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.3	28.9
138	12.2	11.4	17.2

