

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044592.D
 Acq On : 26 Feb 2020 1:12
 Operator : CG/JU
 Sample : L1603-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-010203MS

Manual Integrations
 APPROVED

mohammad
 2/27/2020 5:03:10 PM

Quant Time: Feb 26 06:04:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	61054	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	243698	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	163513	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	384796	20.00	ng	0.00
76) Chrysene-d12	21.50	240	382403	20.00	ng	0.00
87) Perylene-d12	24.57	264	410576	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	475548	124.97	ng	0.01
7) Phenol-d6	7.05	99	568733	109.19	ng	0.00
23) Nitrobenzene-d5	9.03	82	404455	85.50	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	303755	131.01	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	925695	81.07	ng	0.00
79) Terphenyl-d14	19.88	244	1672224	82.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	60837	36.638	ng	# 40
3) Pyridine	3.74	79	124656	26.904	ng	97
4) n-Nitrosodimethylamine	3.64	42	77955	44.299	ng	94
6) Aniline	7.20	93	62940	9.925	ng	99
8) 2-Chlorophenol	7.44	128	192011	46.225	ng	98
9) Benzaldehyde	7.01	77	24406	7.968	ng	97
10) Phenol	7.08	94	201254	39.871	ng	100
11) bis(2-Chloroethyl)ether	7.29	93	181384	42.746	ng	95
12) 1,3-Dichlorobenzene	7.76	146	203032	40.981	ng	98
13) 1,4-Dichlorobenzene	7.91	146	203818	40.935	ng	98
14) 1,2-Dichlorobenzene	8.23	146	192491	40.653	ng	99
15) Benzyl Alcohol	8.11	79	156818	44.642	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.40	45	231605	40.613	ng	98
17) 2-Methylphenol	8.32	107	158262	43.889	ng	97
18) Hexachloroethane	8.96	117	73676	40.489	ng	98
19) n-Nitroso-di-n-propylamine	8.68	70	139361	41.624	ng	98
20) 3+4-Methylphenols	8.66	107	214393	43.427	ng	99
22) Acetophenone	8.69	105	266359	43.534	ng	# 99
24) Nitrobenzene	9.08	77	199551	43.543	ng	99
25) Isophorone	9.60	82	389193	43.981	ng	99
26) 2-Nitrophenol	9.79	139	109621	44.106	ng	98
27) 2,4-Dimethylphenol	9.86	122	180072	51.601	ng	100
28) bis(2-Chloroethoxy)methane	10.08	93	243112	41.544	ng	99
29) 2,4-Dichlorophenol	10.33	162	187864	45.029	ng	95
30) 1,2,4-Trichlorobenzene	10.54	180	195012	40.417	ng	98
31) Naphthalene	10.72	128	574078	43.171	ng	99
32) Benzoic acid	10.02	122	47022	41.412	ng	92
33) 4-Chloroaniline	10.85	127	12826	2.190	ng	98
34) Hexachlorobutadiene	11.02	225	117785	38.871	ng	98
35) Caprolactam	11.61	113	56277m	37.680	ng	
36) 4-Chloro-3-methylphenol	11.97	107	204644	47.652	ng	97
37) 2-Methylnaphthalene	12.34	142	427078	43.456	ng	99
38) 1-Methylnaphthalene	12.55	142	406180	43.496	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	216555	39.340	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	212112	80.755	ng	100
43) 2,4,6-Trichlorophenol	12.95	196	157899	44.177	ng	97
44) 2,4,5-Trichlorophenol	13.03	196	170500	46.437	ng	96
46) 1,1'-Biphenyl	13.35	154	550084	40.652	ng	98
47) 2-Chloronaphthalene	13.39	162	429620	40.489	ng	99
48) 2-Nitroaniline	13.59	65	128559	43.647	ng	97
49) Acenaphthylene	14.23	152	690653	44.095	ng	99
50) Dimethylphthalate	13.98	163	586580	44.446	ng	99
51) 2,6-Dinitrotoluene	14.09	165	133607	45.902	ng	95
52) Acenaphthene	14.58	154	428494	42.917	ng	100
53) 3-Nitroaniline	14.42	138	28306	9.017	ng	93
54) 2,4-Dinitrophenol	14.63	184	144992	83.186	ng	96
55) Dibenzofuran	14.92	168	675654	44.142	ng	98
56) 4-Nitrophenol	14.75	139	222387	102.990	ng	98
57) 2,4-Dinitrotoluene	14.88	165	189892	46.404	ng	98
58) Fluorene	15.56	166	544912	44.900	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	162680	48.114	ng	99
60) Diethylphthalate	15.34	149	595450	45.535	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	286538	43.423	ng	100
62) 4-Nitroaniline	15.59	138	120825	38.440	ng	98
63) Azobenzene	15.85	77	516449	46.406	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	115847	48.622	ng	97
66) n-Nitrosodiphenylamine	15.77	169	518032	43.159	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	196069	41.049	ng	98
68) Hexachlorobenzene	16.57	284	216681	40.124	ng	99
69) Atrazine	16.73	200	185347	41.770	ng	99
70) Pentachlorophenol	16.92	266	245422	91.705	ng	98
71) Phenanthrene	17.30	178	920379	43.203	ng	99
72) Anthracene	17.40	178	943949	44.962	ng	99
73) Carbazole	17.66	167	867495	45.395	ng	99
74) Di-n-butylphthalate	18.23	149	1068200	44.608	ng	99
75) Fluoranthene	19.31	202	1133193	44.934	ng	99
77) Benzidine	19.51	184	127050	9.699	ng	97
78) Pyrene	19.68	202	1141489	41.121	ng	99
80) Butylbenzylphthalate	20.57	149	494082	40.691	ng	98
81) Benzo(a)anthracene	21.49	228	1109503	41.282	ng	99
82) 3,3'-Dichlorobenzidine	21.40	252	204103	19.223	ng	99
83) Chrysene	21.55	228	1062542	40.889	ng	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	711151	42.506	ng	99
85) Di-n-octyl phthalate	22.56	149	1234423	41.936	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1387337	41.601	ng	100
88) Benzo(b)fluoranthene	23.61	252	1197097	44.346	ng	99
89) Benzo(k)fluoranthene	23.66	252	1152808	44.013	ng	100
90) Benzo(a)pyrene	24.43	252	1080948	42.619	ng	98
91) Dibenzo(a,h)anthracene	28.11	278	1143774	45.598	ng	99
92) Benzo(g,h,i)perylene	29.14	276	1153794	45.911	ng	99

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

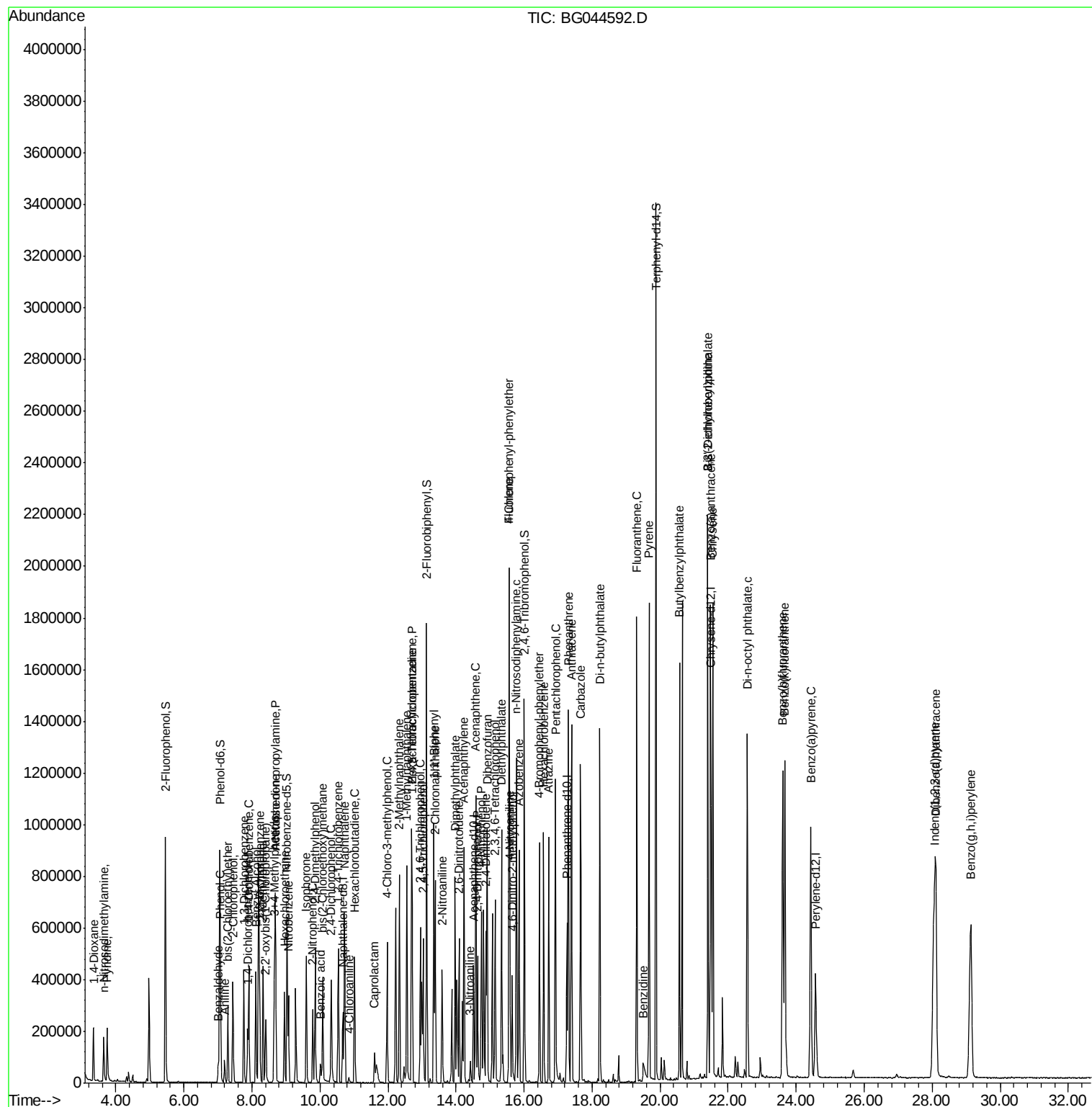
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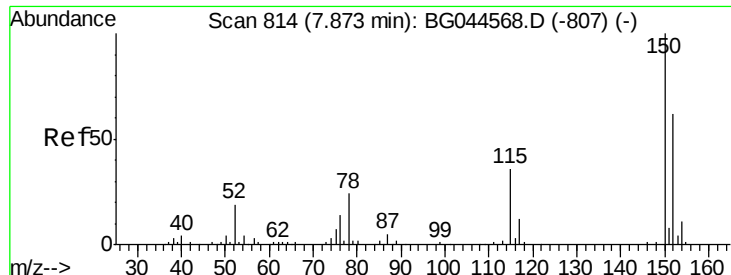
Instrument :
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ClientSampleId :
HAM-WC-S-SB-010203MS

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#1

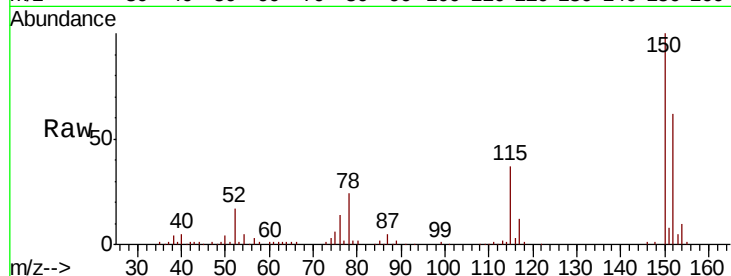
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	128.9	193.3
115	59.6	47.0	70.4

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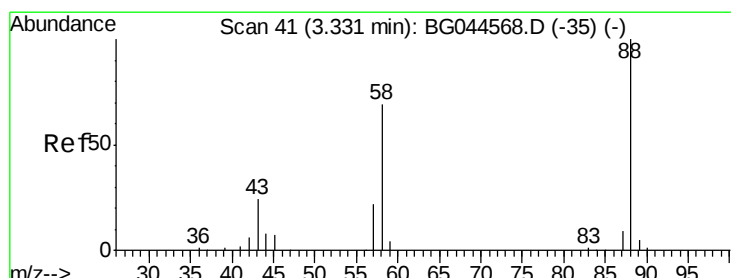
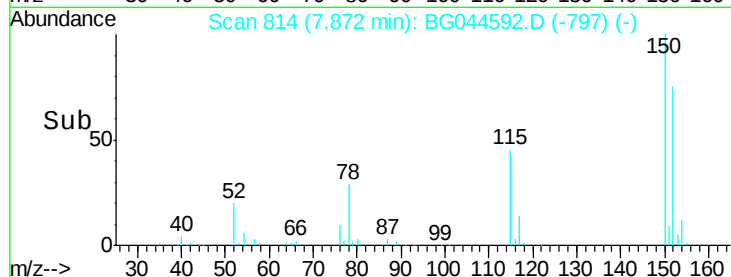
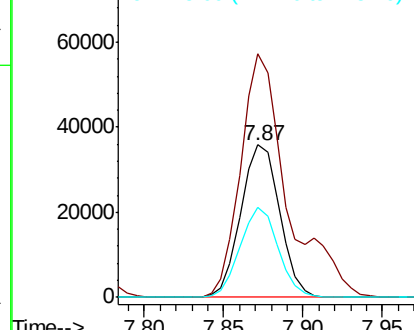


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

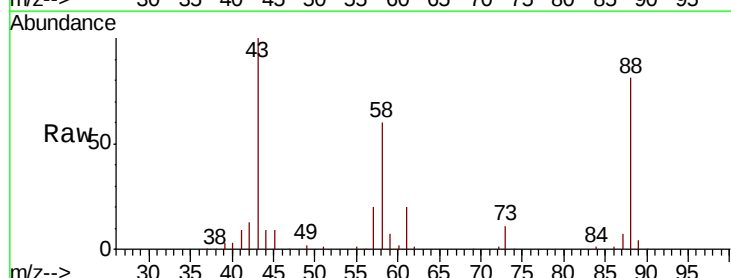
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.638 ng
RT: 3.34 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	55.8	83.8
43	135.9	20.6	31.0#

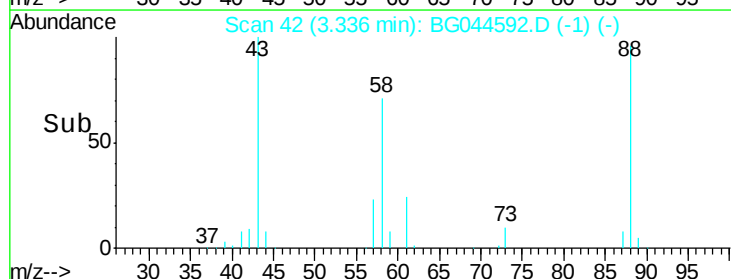
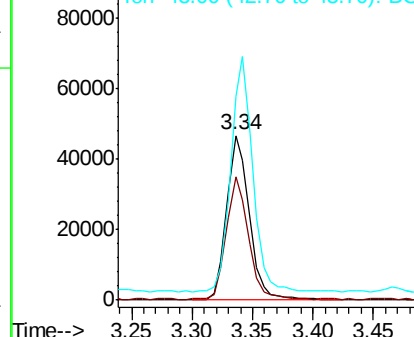


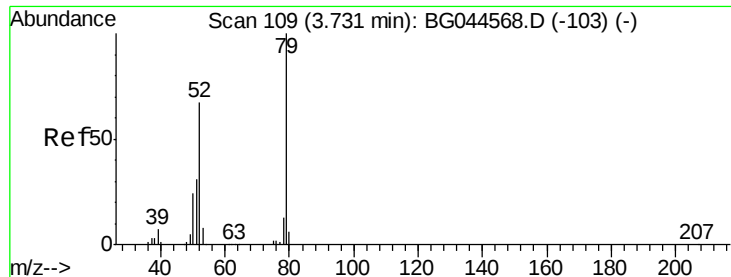
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.904 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

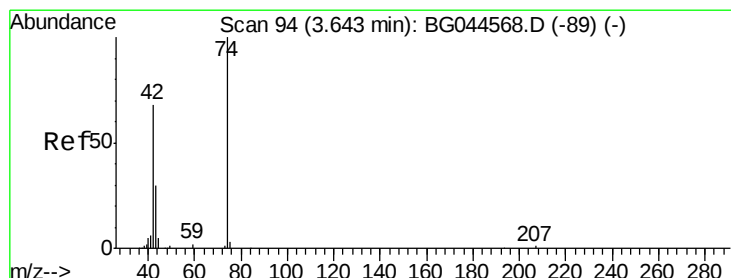
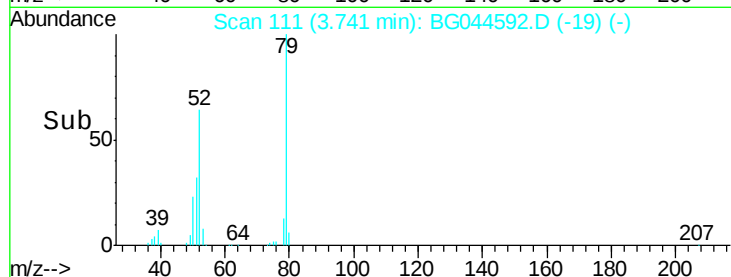
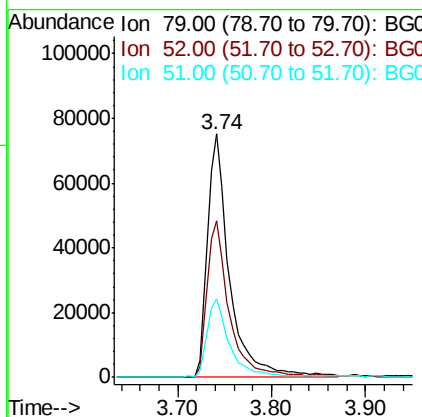
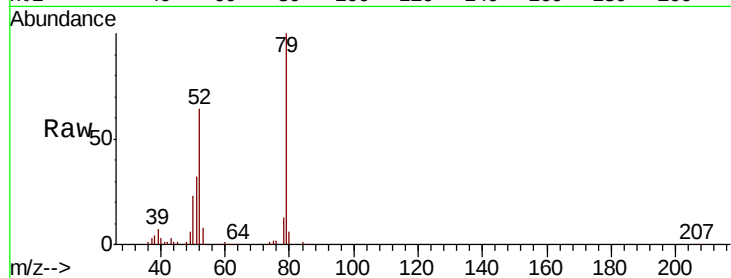
ClientSampleId :

HAM-WC-S-SB-010203MS

Tot Ion:	79	Resp:	124656
Ion	Ratio	Lower	Upper
79	100		
52	64.4	53.7	80.5
51	32.1	25.4	38.0

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#4

n-Nitrosodimethylamine

Concen: 44.299 ng

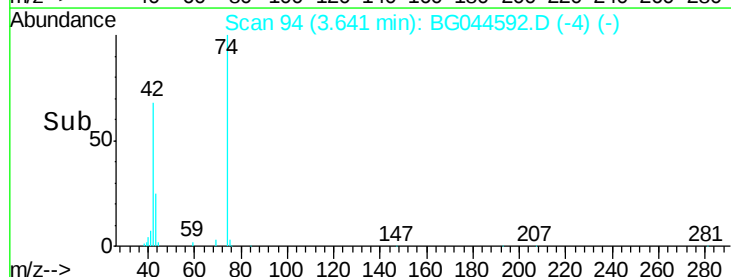
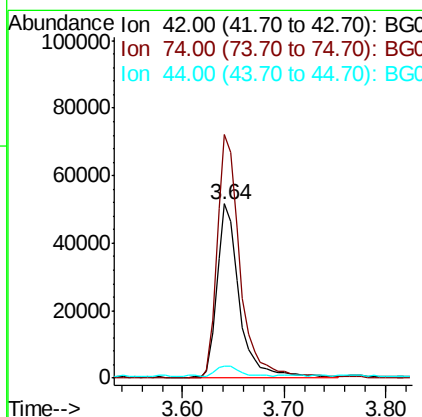
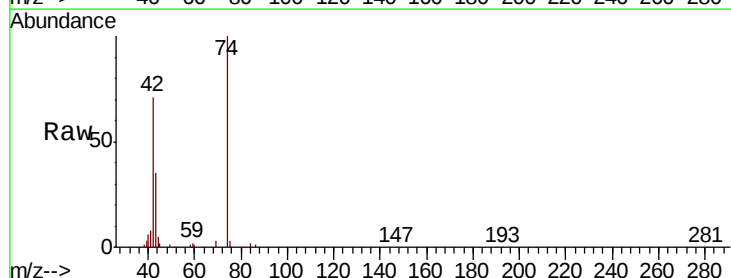
RT: 3.64 min Scan# 94

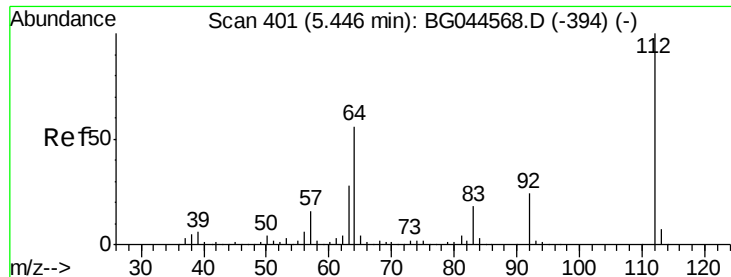
Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Tgt Ion:	42	Resp:	77955
Ion	Ratio	Lower	Upper
42	100		
74	139.9	117.6	176.4
44	7.0	6.3	9.5





#5

2-Fluorophenol

Concen: 124.972 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

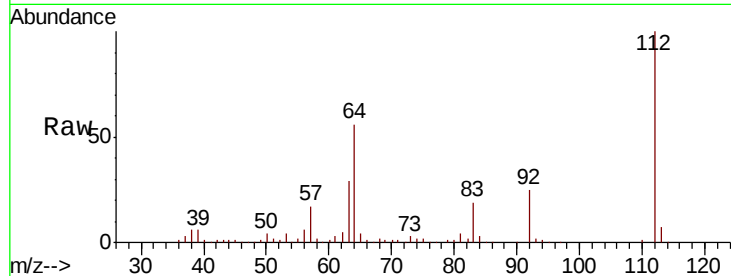
ClientSampleId :

HAM-WC-S-SB-010203MS

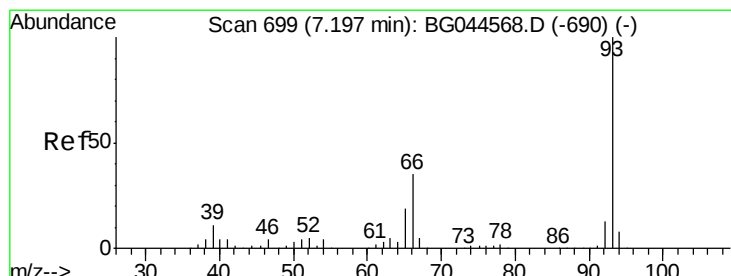
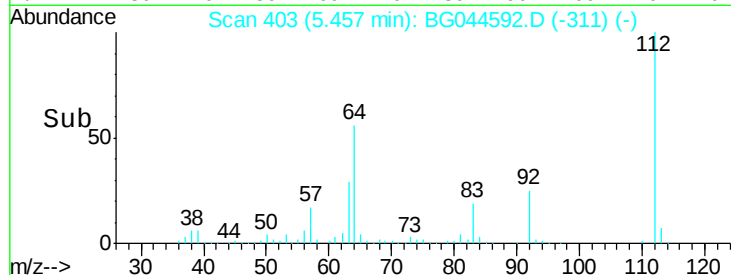
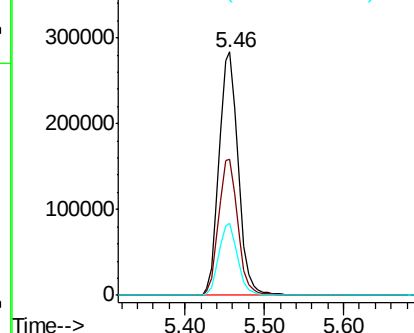
Tot Ion:	112	Resp:	475548
Ion Ratio	Lower	Upper	
112	100		
64	55.8	44.8	67.2
63	29.4	22.3	33.5

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.925 ng

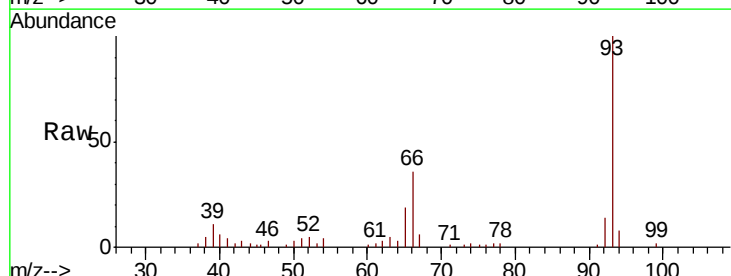
RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

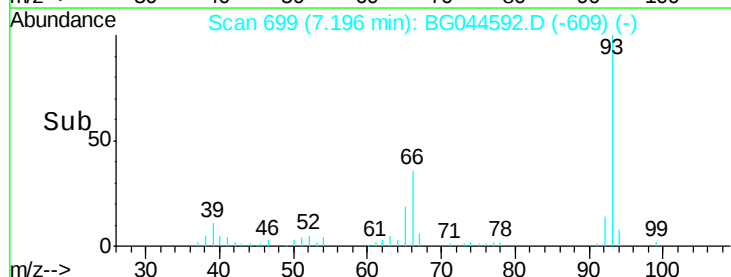
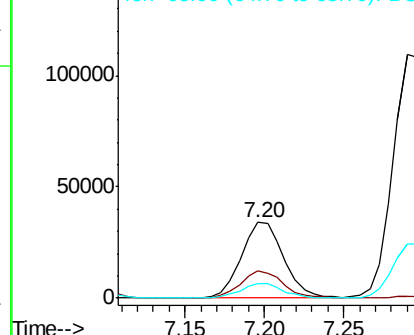
Lab File: BG044592.D

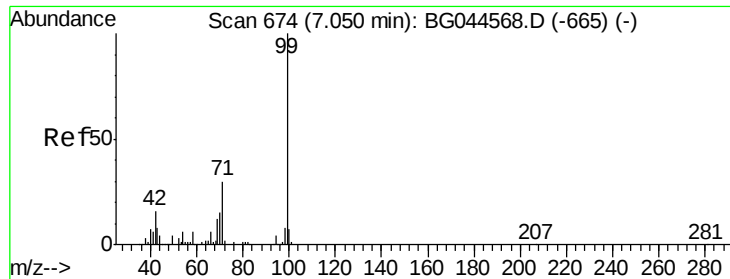
Acq: 26 Feb 2020 1:12

Tgt Ion:	93	Resp:	62940
Ion Ratio	Lower	Upper	
93	100		
66	35.7	27.8	41.8
65	18.7	14.9	22.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.190 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

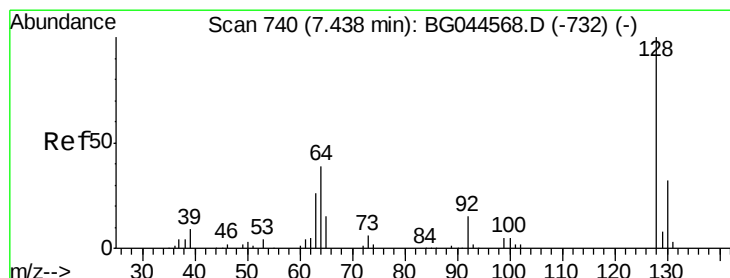
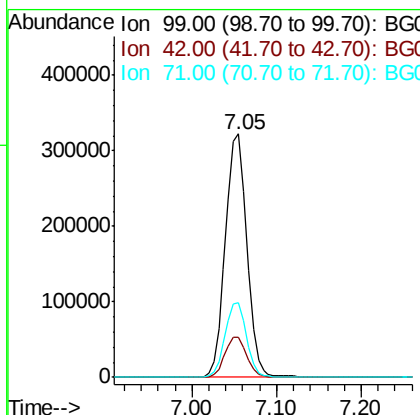
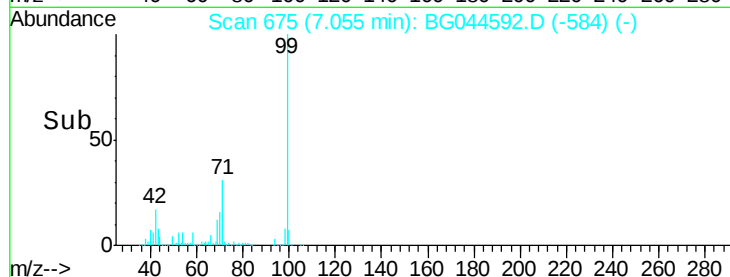
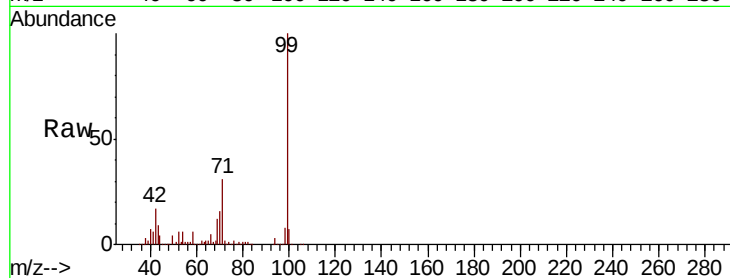
ClientSampleId :

HAM-WC-S-SB-010203MS

Tot Ion:	99	Resp:	568733
Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.8	19.2
71	30.7	24.4	36.6

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#8

2-Chlorophenol

Concen: 46.225 ng

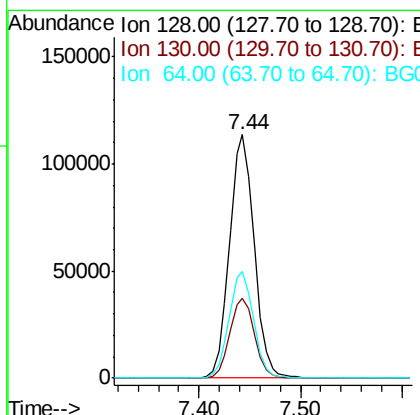
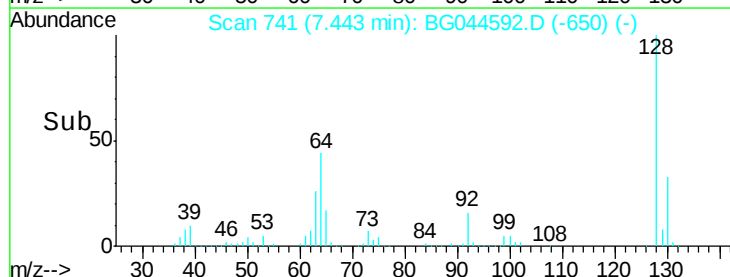
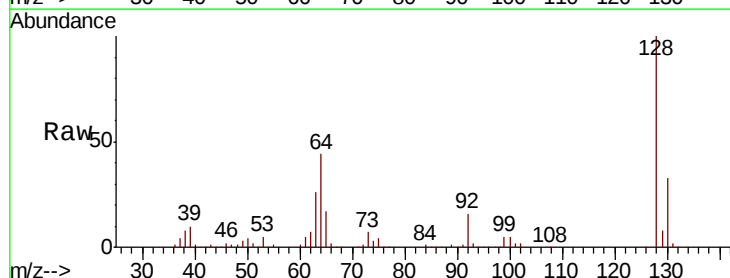
RT: 7.44 min Scan# 741

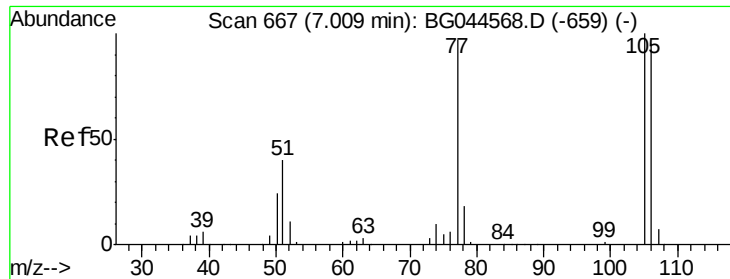
Delta R.T. 0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Tgt Ion:	128	Resp:	192011
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.3	52.3
64	43.9	22.5	62.5





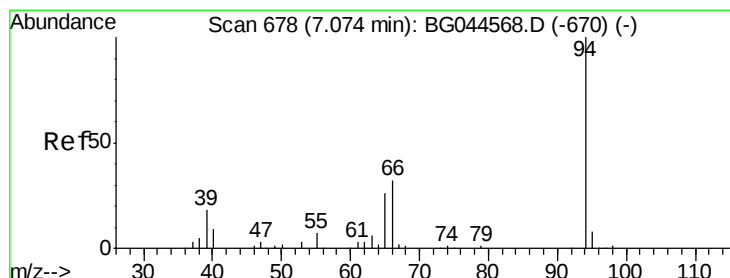
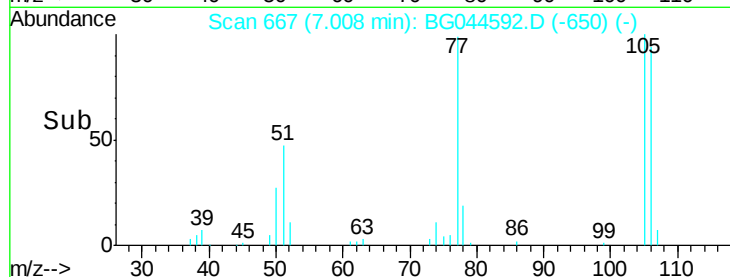
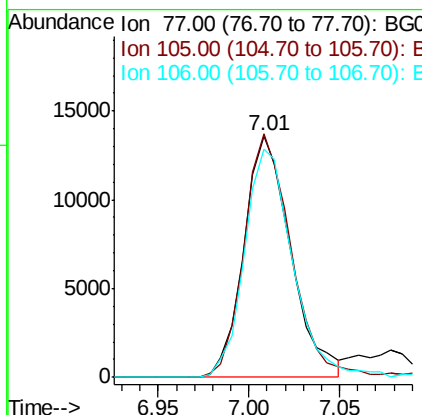
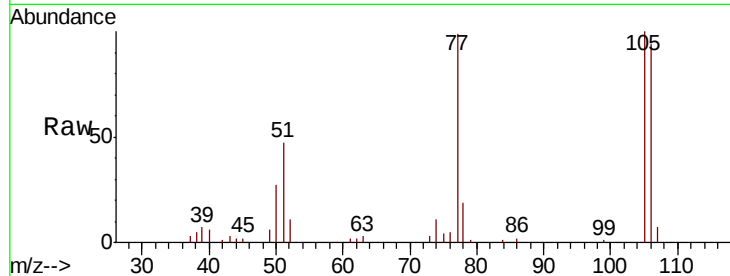
#9
Benzaldehyde
Concen: 7.968 ng
RT: 7.01 min Scan# 667
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.8	83.6	123.6
106	94.7	78.2	118.2

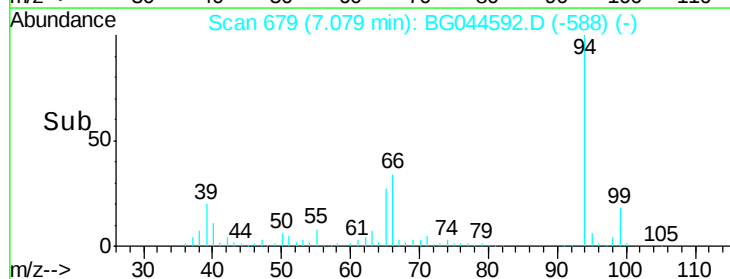
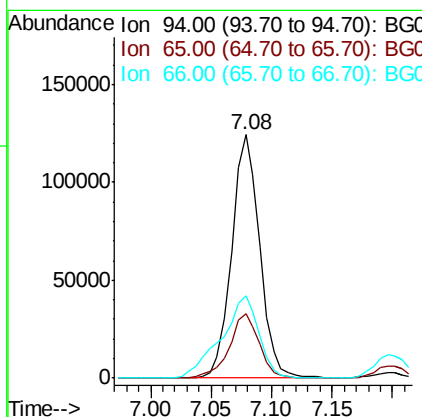
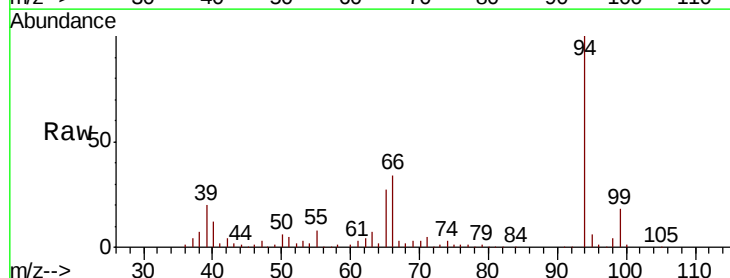
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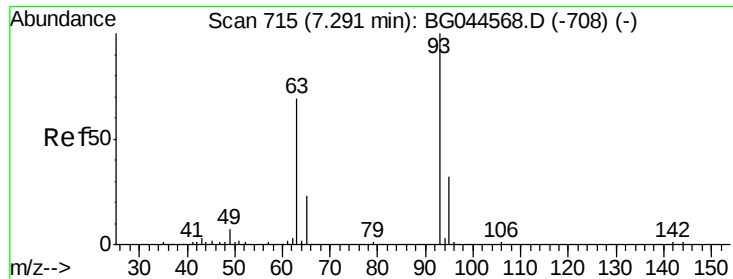
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#10
Phenol
Concen: 39.871 ng
RT: 7.08 min Scan# 679
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.6	6.4	46.4
66	33.6	13.9	53.9





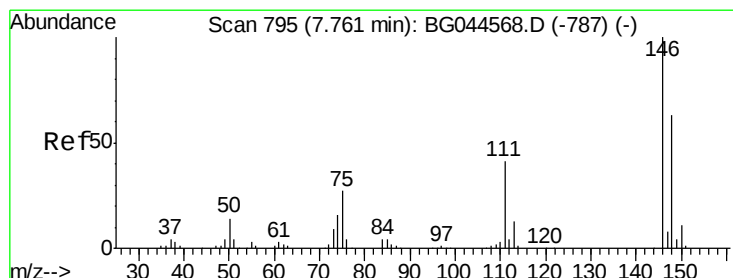
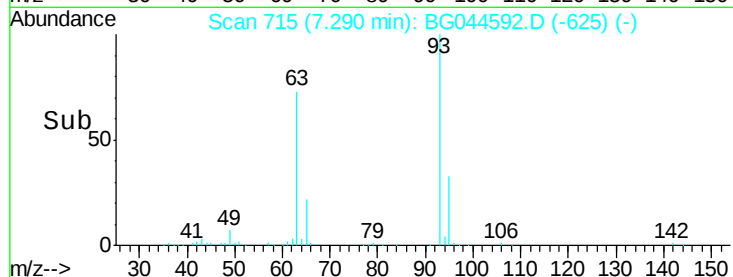
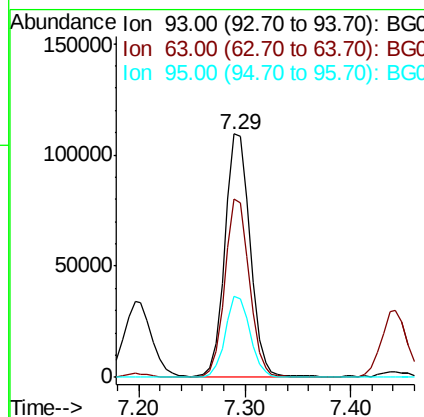
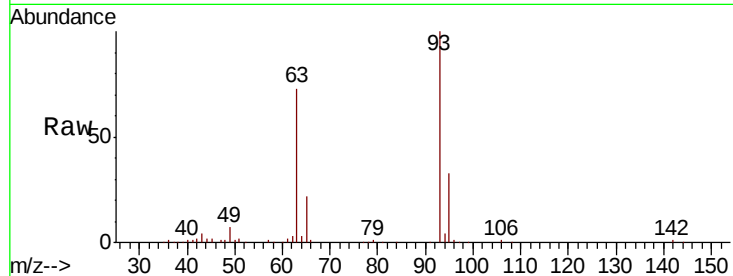
#11
bis(2-Chloroethyl)ether
Concen: 42.746 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion:	93	Resp:	181384
Ion Ratio	Lower	Upper	
93	100		
63	73.1	48.9	88.9
95	33.1	11.3	51.3

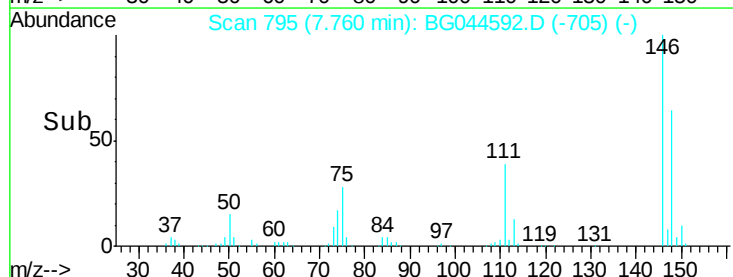
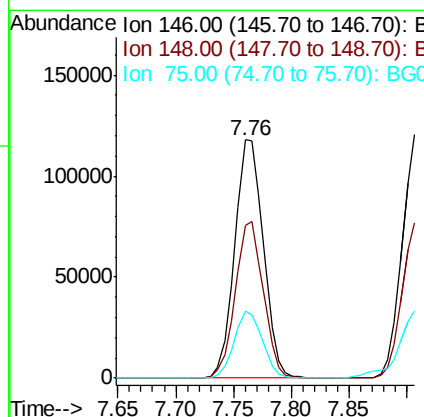
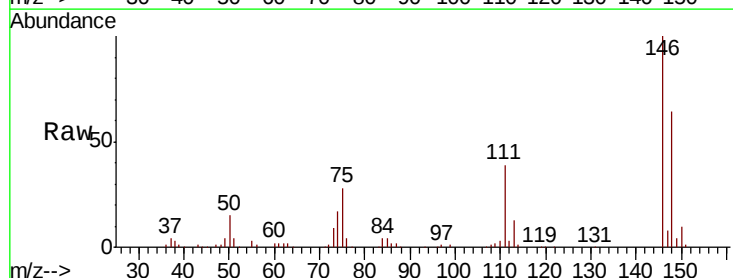
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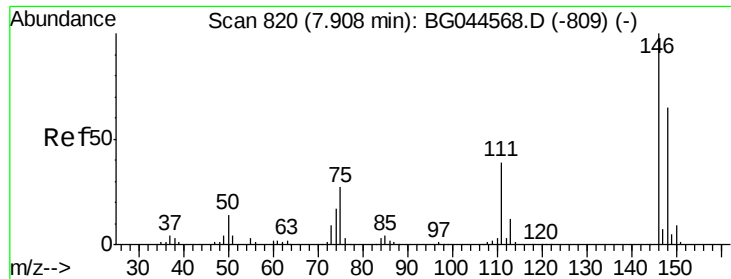
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#12
1,3-Dichlorobenzene
Concen: 40.981 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion:	146	Resp:	203032
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.6	75.8
75	28.4	21.4	32.0





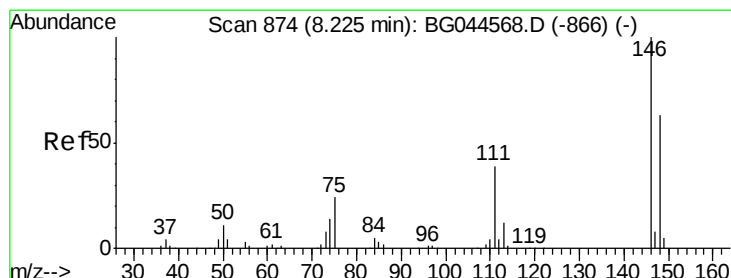
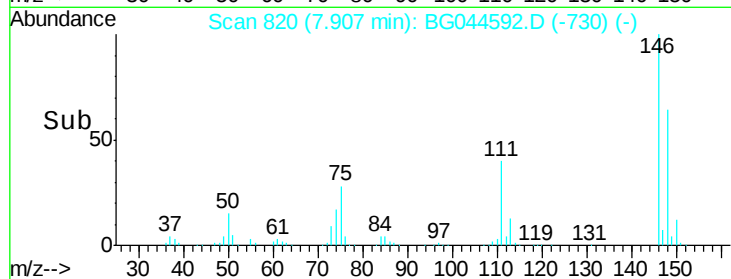
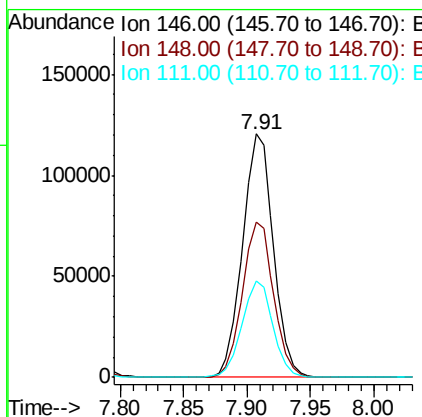
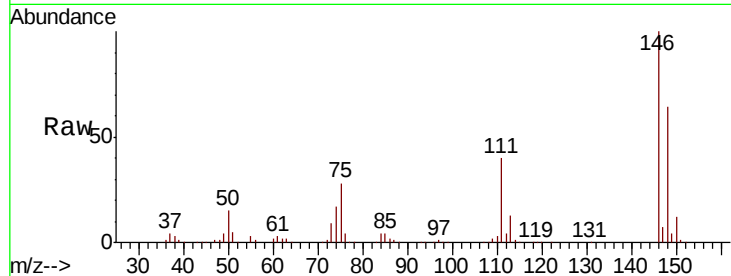
#13
 1,4-Dichlorobenzene
 Concen: 40.935 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.9	77.9
111	39.7	30.8	46.2

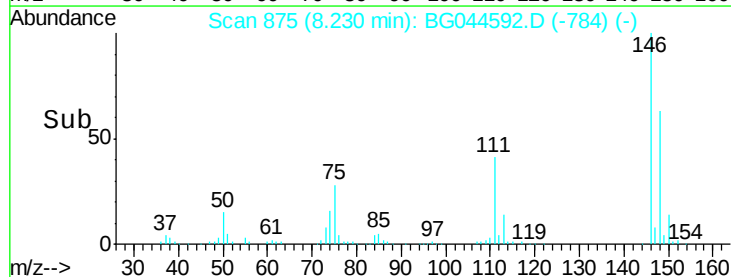
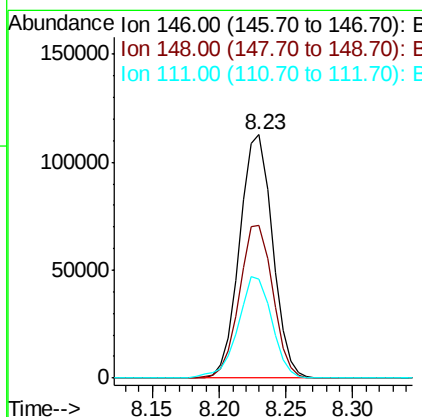
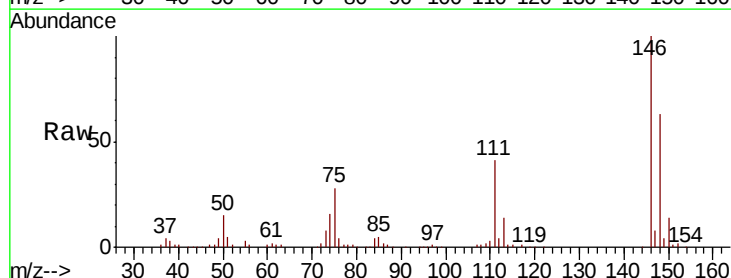
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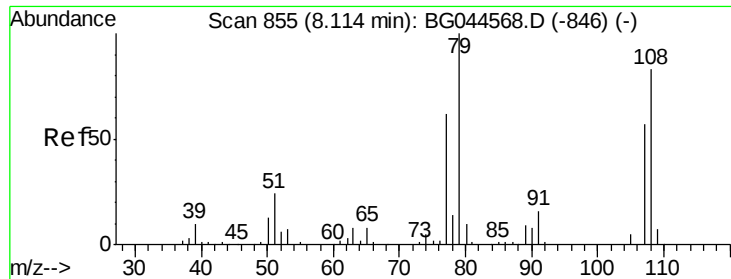
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.653 ng
 RT: 8.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.7	76.1
111	40.5	31.8	47.6





#15

Benzyl Alcohol

Concen: 44.642 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

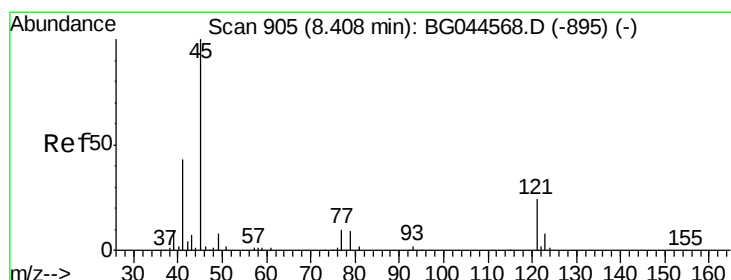
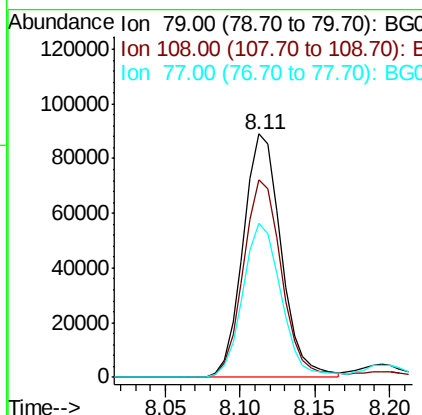
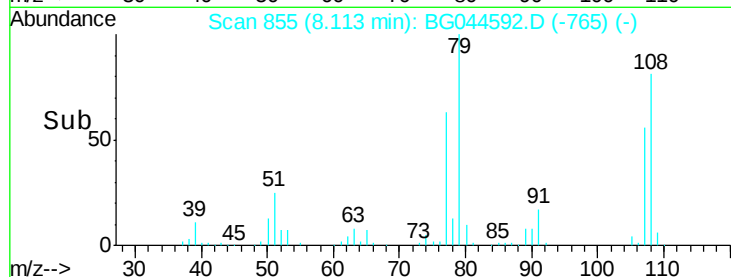
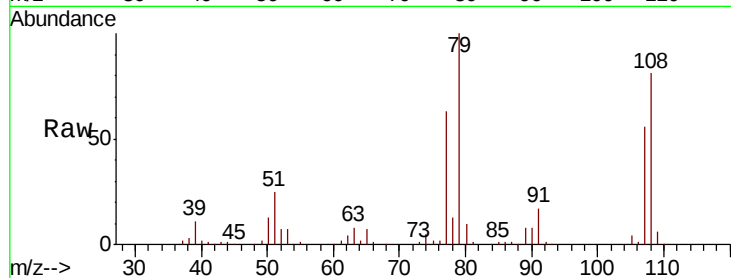
ClientSampleId :

HAM-WC-S-SB-010203MS

Tot Ion:	79	Resp:	156818
Ion Ratio	Lower	Upper	
79	100		
108	81.2	66.0	99.0
77	63.2	49.6	74.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.613 ng

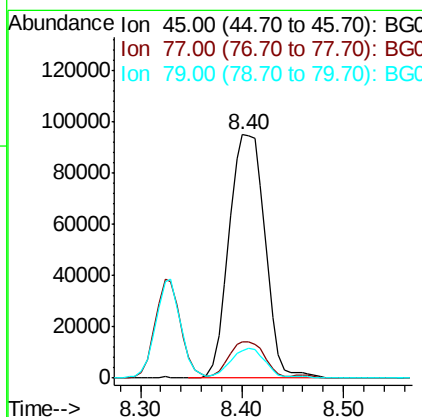
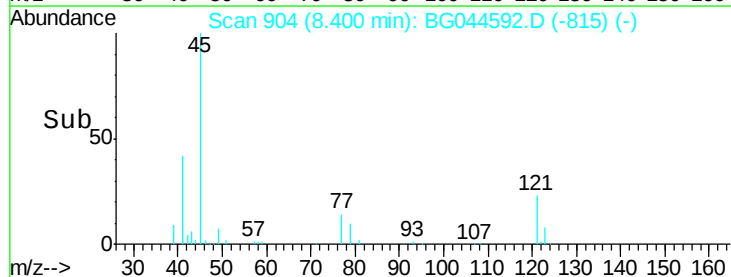
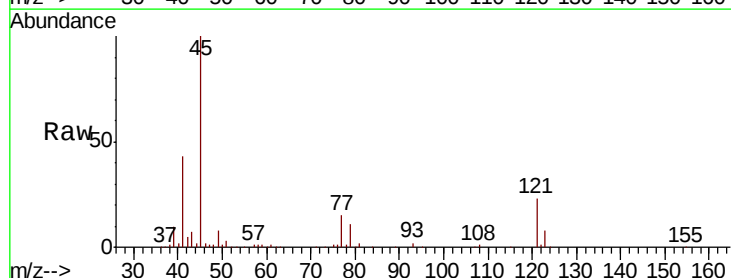
RT: 8.40 min Scan# 904

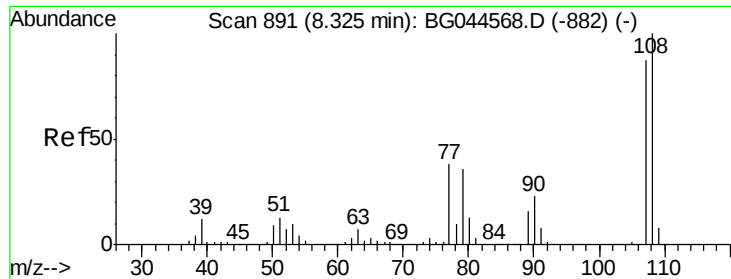
Delta R.T. -0.01 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Tgt Ion:	45	Resp:	231605
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	34.4
79	11.1	0.0	32.3





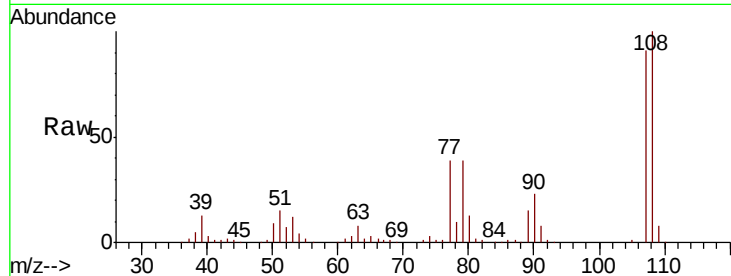
#17
2-Methylphenol
Concen: 43.889 ng
RT: 8.32 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

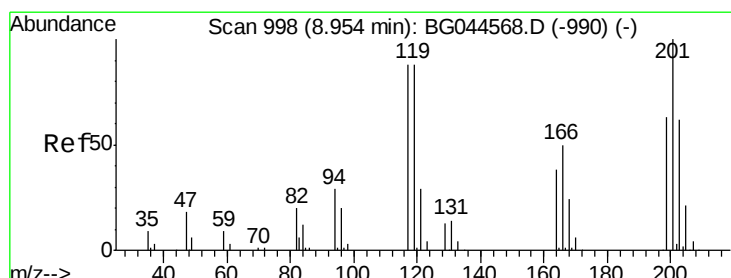
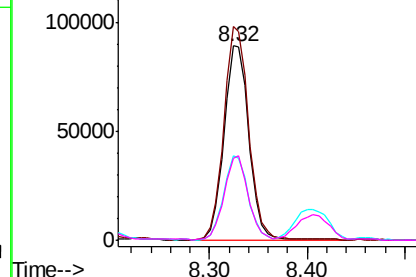
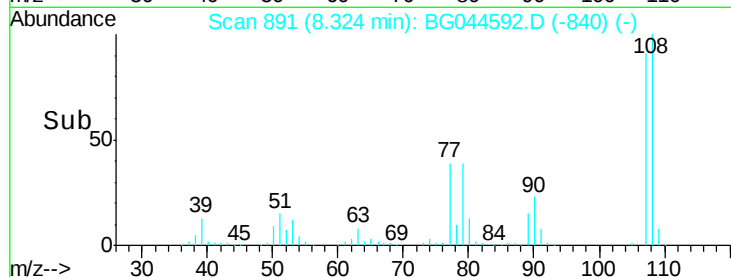
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	91.7	137.5	
77	43.3	35.1	52.7	
79	42.3	33.2	49.8	

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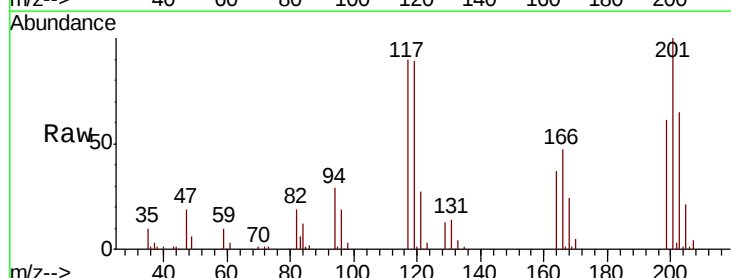


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

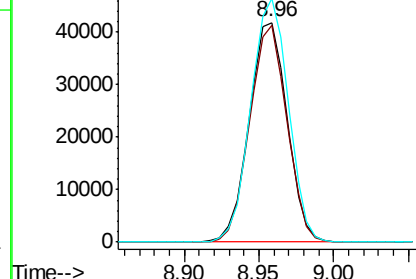
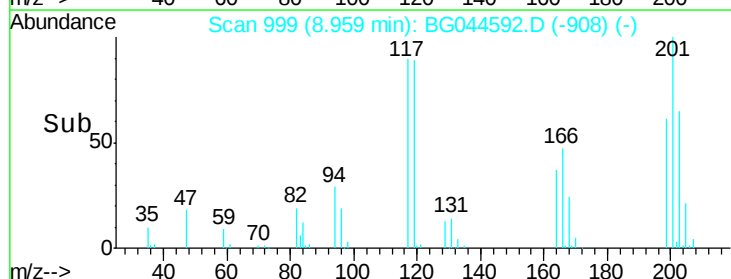


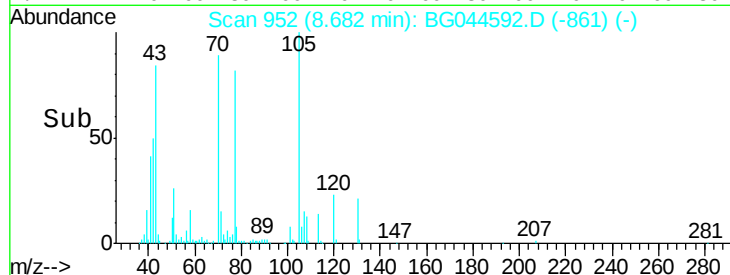
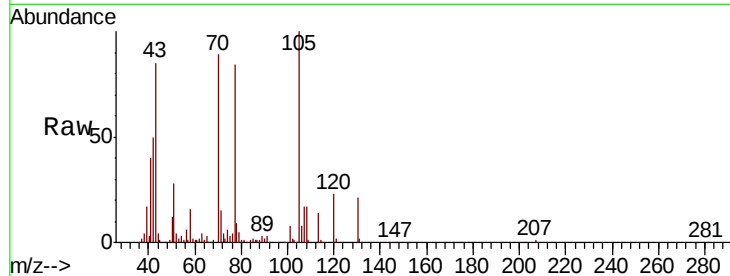
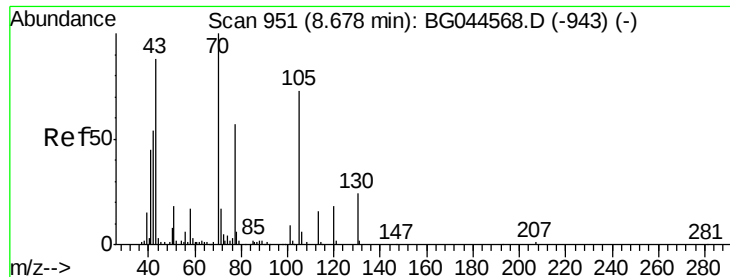
#18
Hexachloroethane
Concen: 40.489 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	80.0	120.0	
201	110.8	90.5	135.7	



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





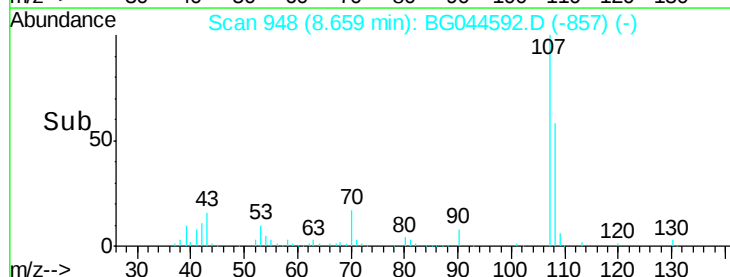
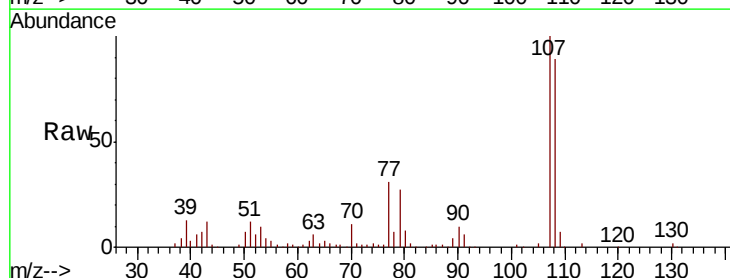
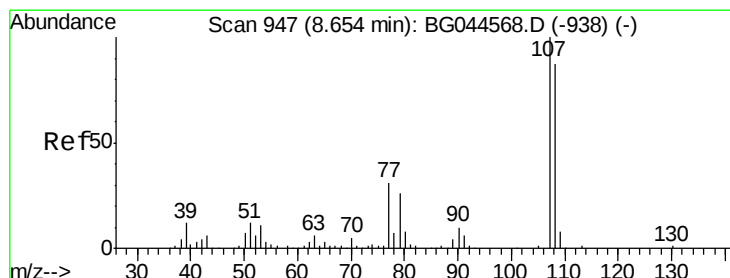
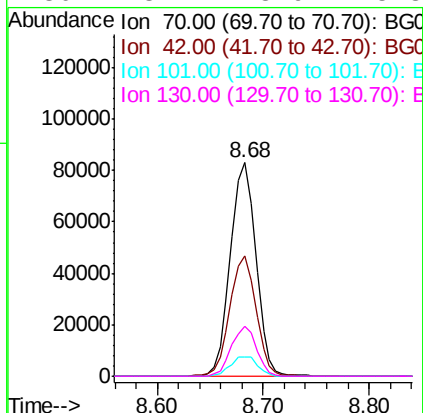
#19
n-Nitroso-di-n-propylamine
Concen: 41.624 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.1	43.4	65.0	
101	9.2	7.5	11.3	
130	23.2	18.9	28.3	

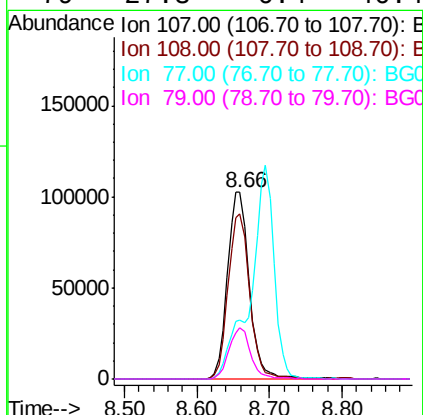
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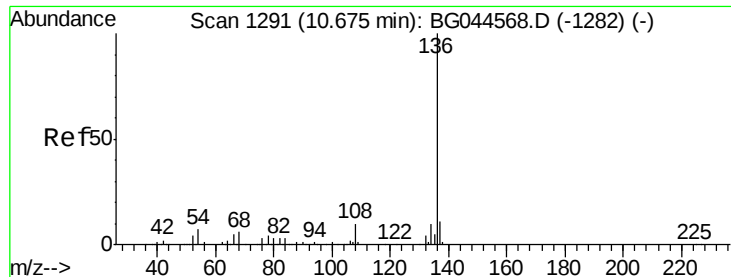
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#20
3+4-Methylphenols
Concen: 43.427 ng
RT: 8.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	67.5	107.5	
77	31.3	11.3	51.3	
79	27.3	6.4	46.4	





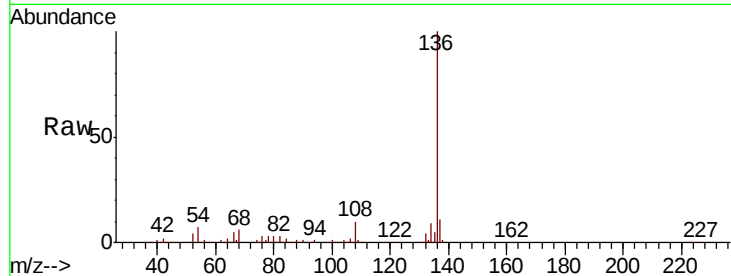
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	243698		
137	11.5	8.8	13.2	
54	7.5	5.7	8.5	
68	5.8	4.5	6.7	

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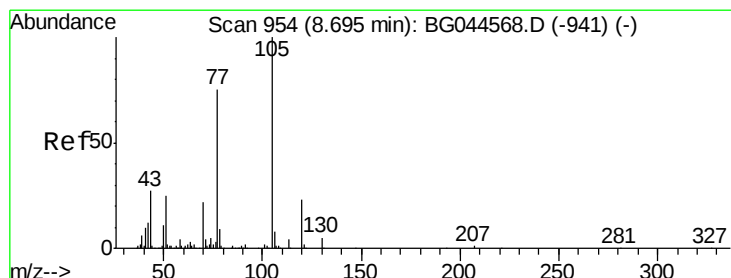
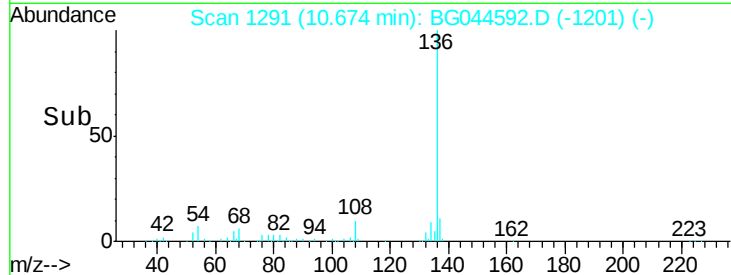
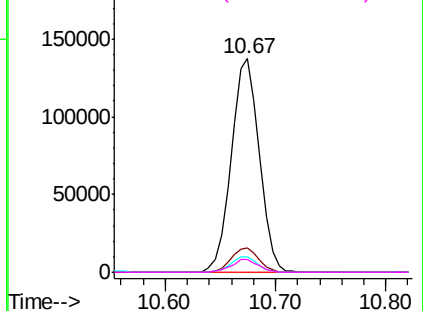
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 43.534 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	266359		
71	4.4	2.8	4.2#	
51	25.6	19.9	29.9	
120	23.4	18.6	28.0	

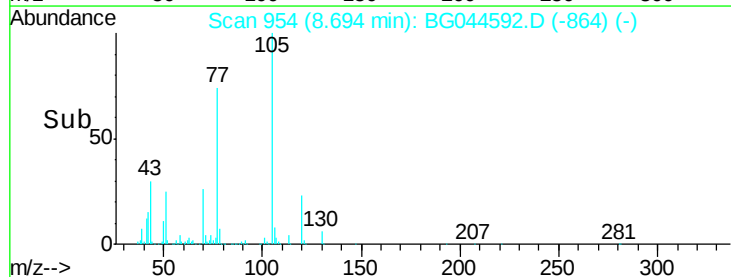
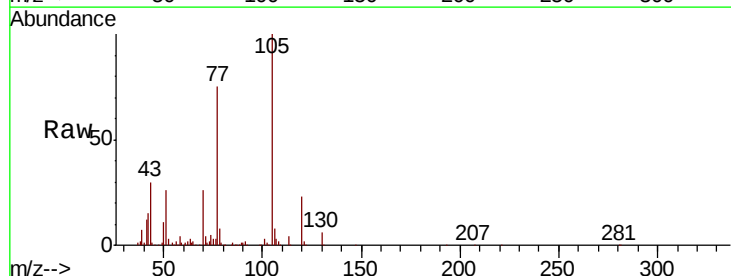
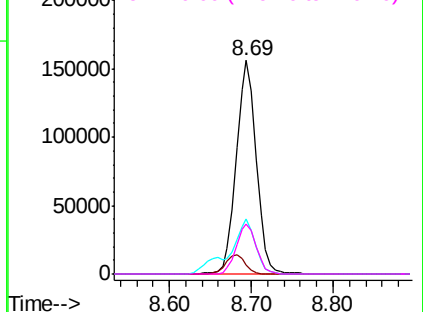
Abundance

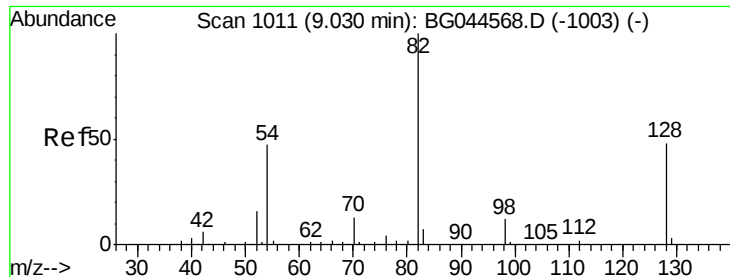
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





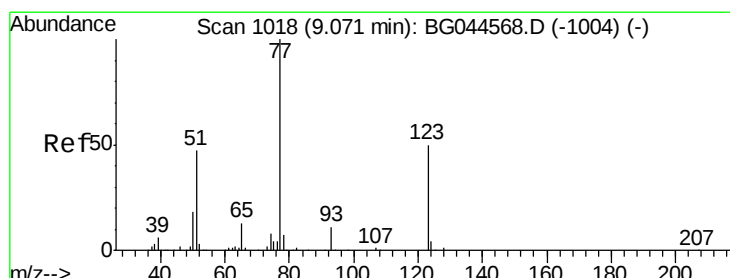
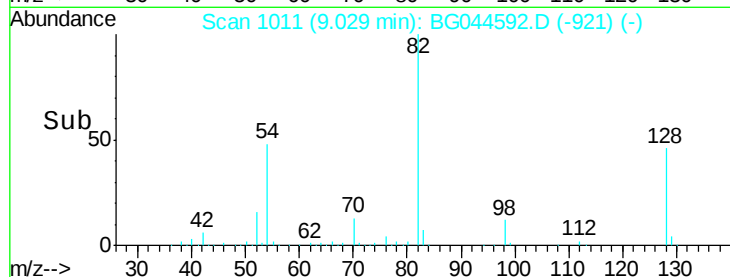
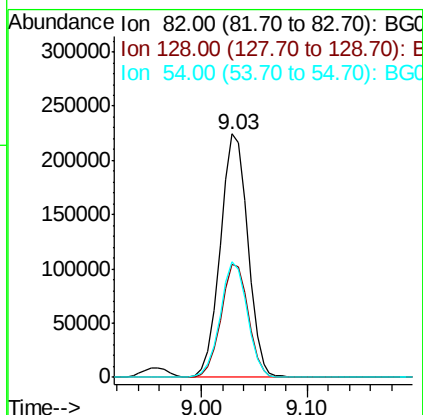
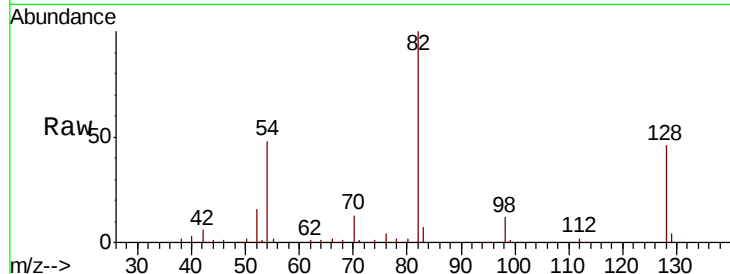
#23
 Nitrobenzene-d5
 Concen: 85.503 ng
 RT: 9.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	38.1	57.1
54	47.7	37.5	56.3

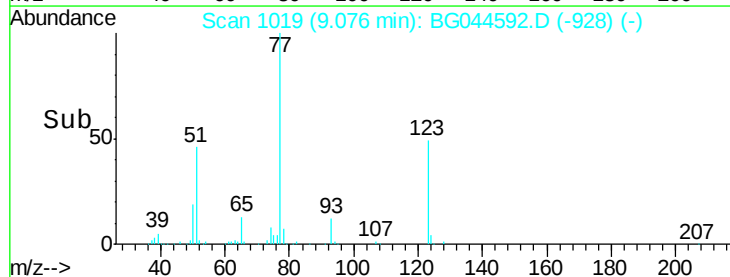
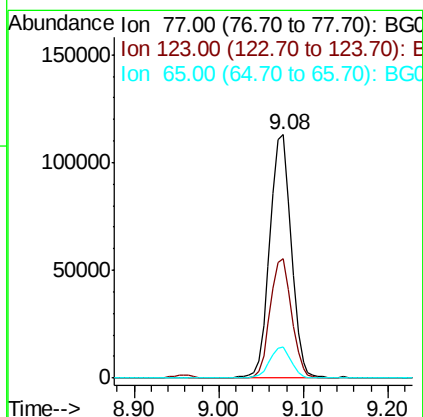
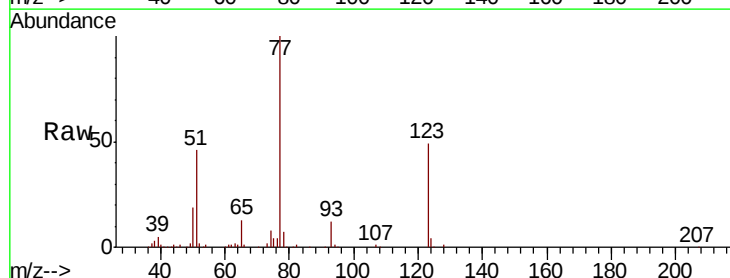
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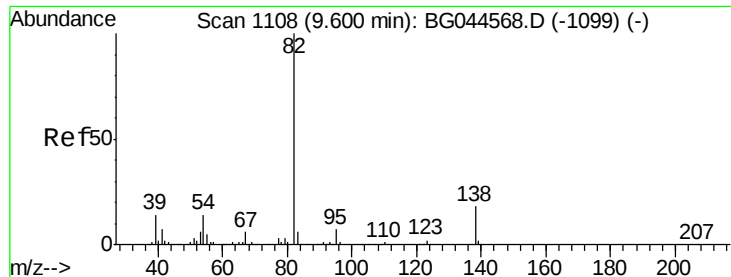
mohammad
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#24
 Nitrobenzene
 Concen: 43.543 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	40.1	60.1
65	12.5	10.4	15.6





#25

Isophorone

Concen: 43.981 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

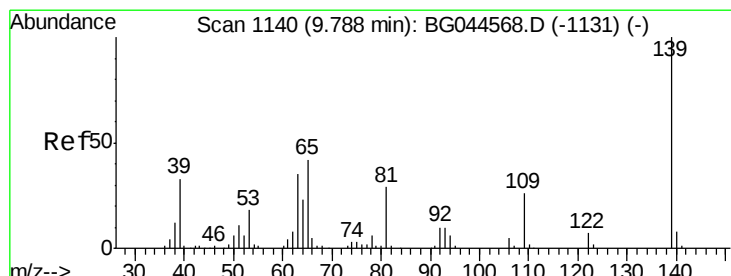
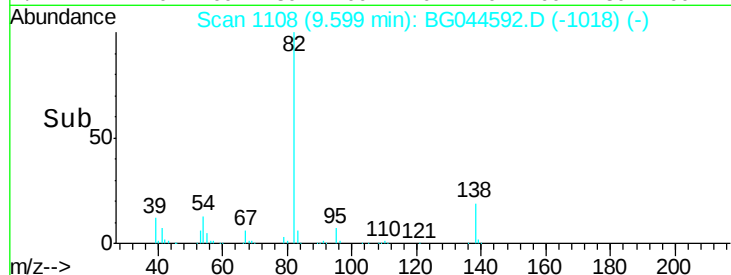
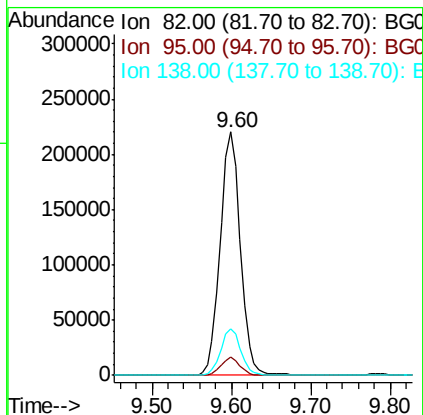
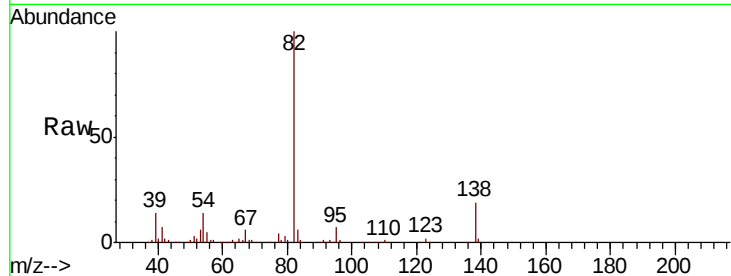
ClientSampleId :

HAM-WC-S-SB-010203MS

Tot Ion:	82	Resp:	389193
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.6	8.4
138	19.0	14.7	22.1

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#26

2-Nitrophenol

Concen: 44.106 ng

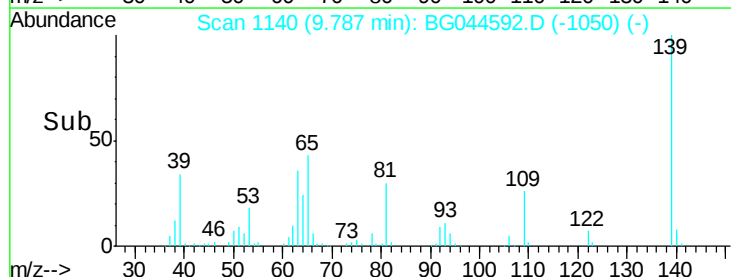
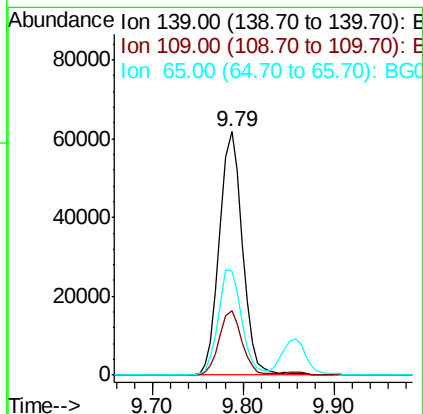
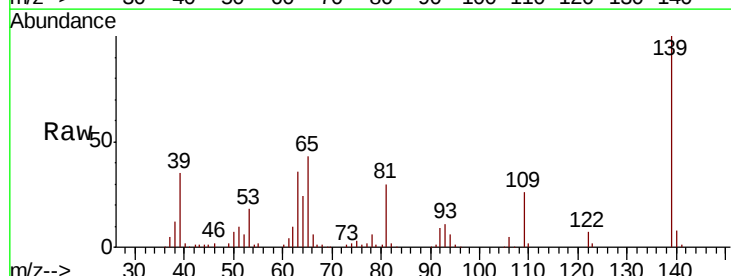
RT: 9.79 min Scan# 1140

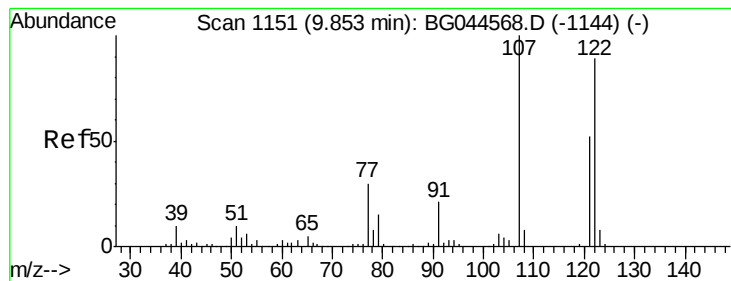
Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Tgt Ion:	139	Resp:	109621
Ion Ratio	Lower	Upper	
139	100		
109	26.4	20.6	31.0
65	42.8	33.3	49.9





#27

2,4-Dimethylphenol

Concen: 51.601 ng

RT: 9.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

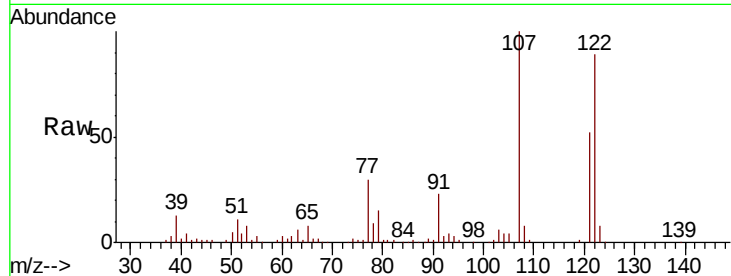
ClientSampleId :

HAM-WC-S-SB-010203MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		180072		
107	112.0	89.4	134.0		
121	58.6	46.5	69.7		

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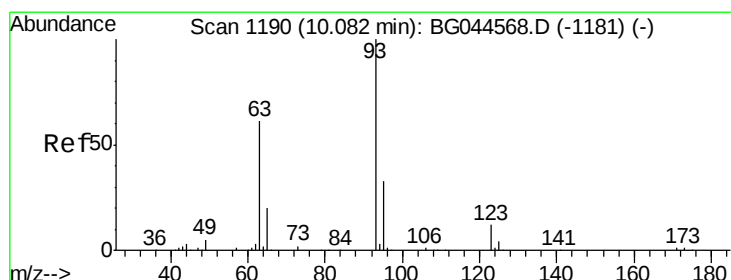
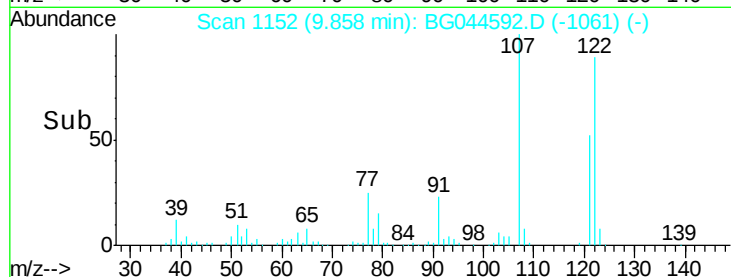
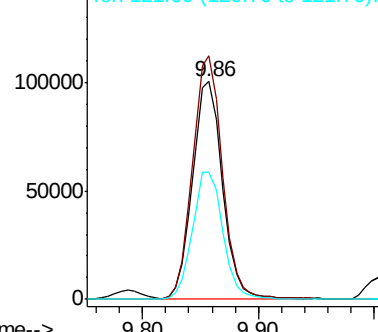


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.544 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

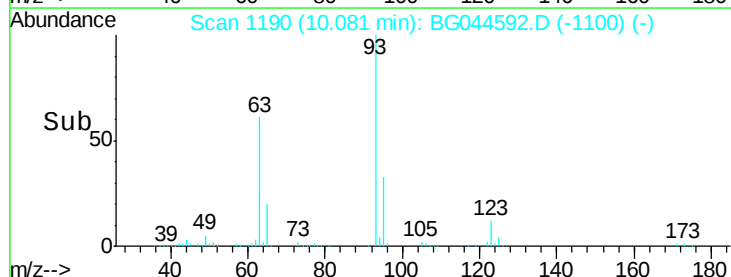
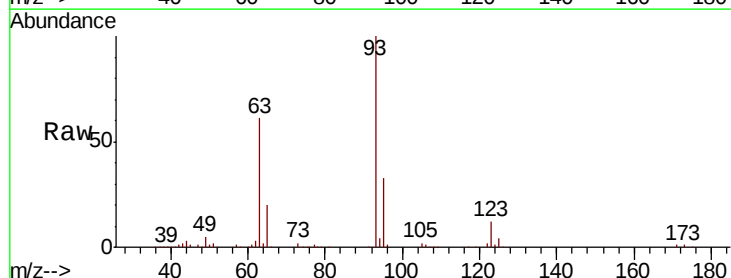
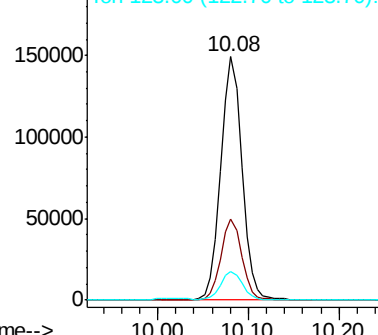
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		243112		
95	33.5	26.5	39.7		
123	11.9	9.7	14.5		

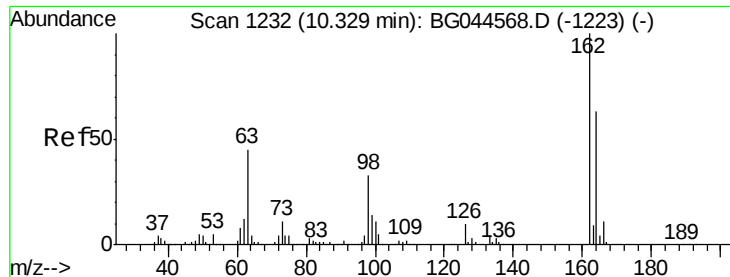
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





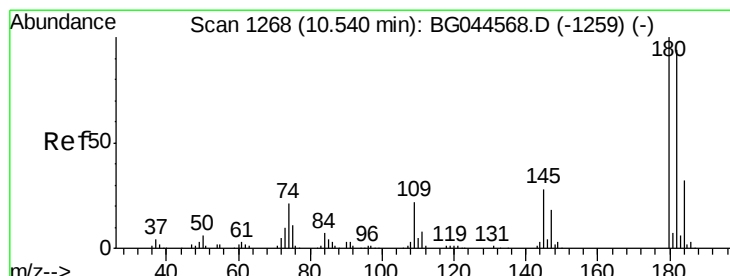
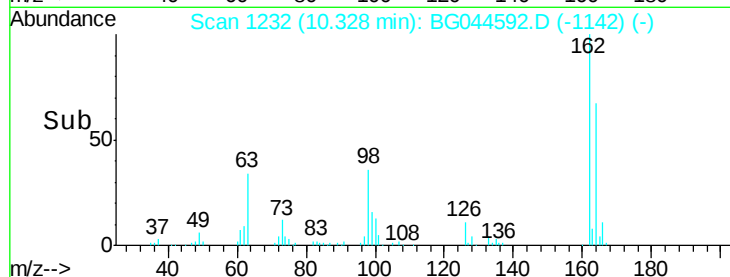
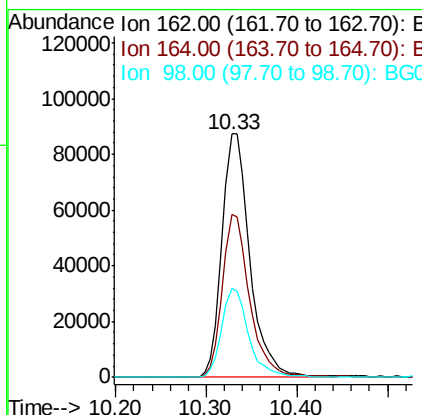
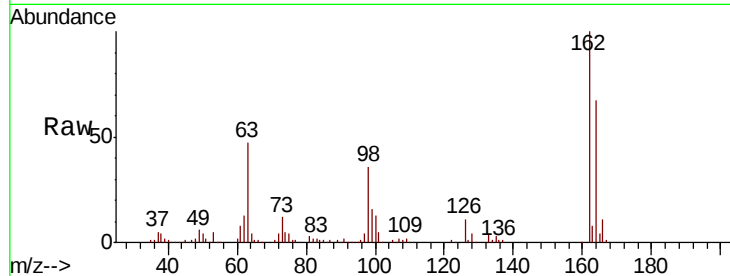
#29
 2,4-Dichlorophenol
 Concen: 45.029 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.0	43.2	83.2
98	36.5	13.2	53.2

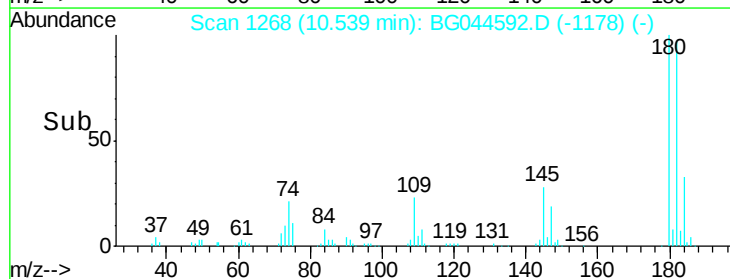
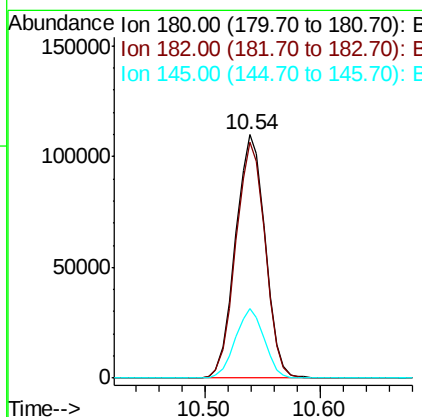
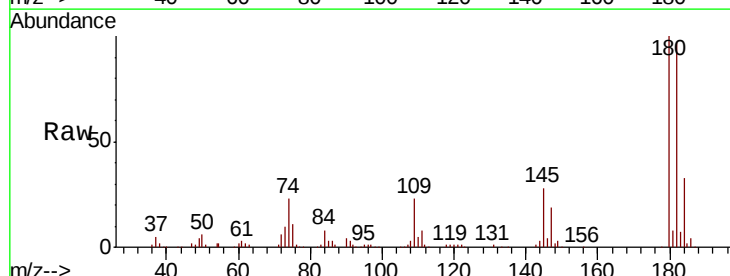
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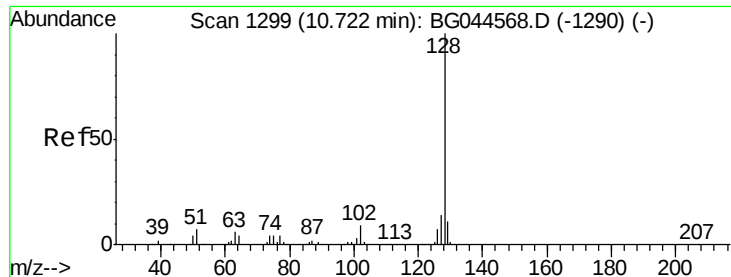
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.417 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.6	113.4
145	28.5	22.2	33.2





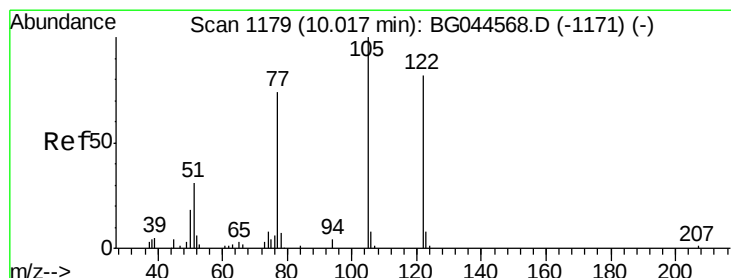
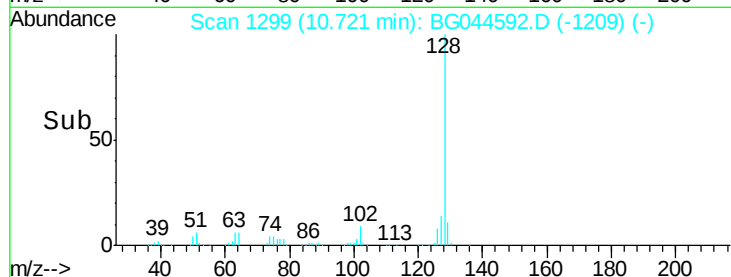
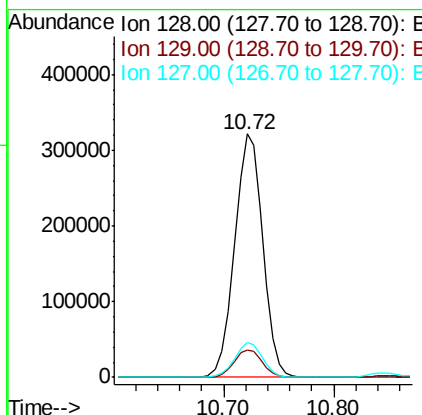
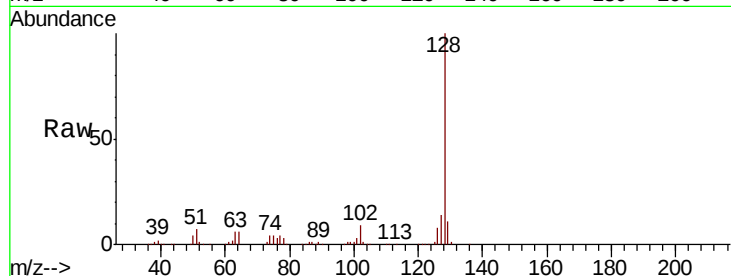
#31
Naphthalene
Concen: 43.171 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.1	11.0	16.4

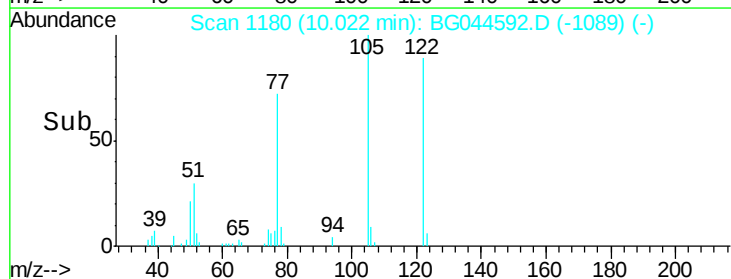
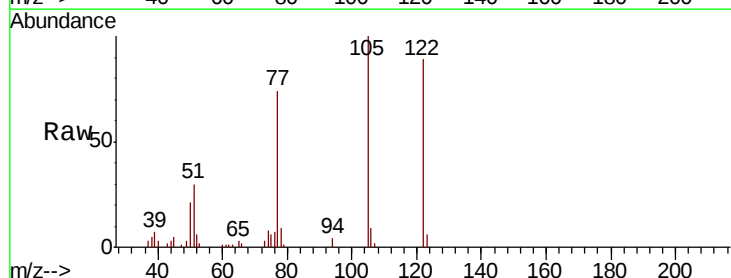
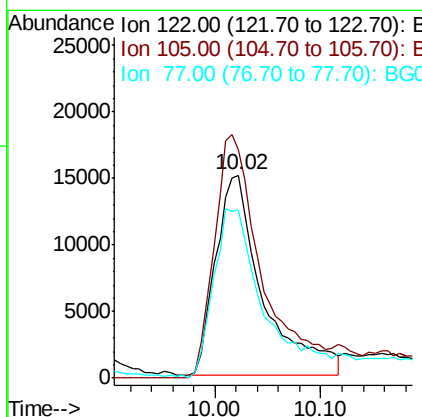
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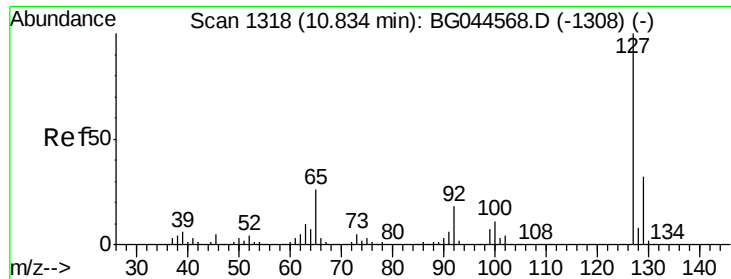
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#32
Benzoic acid
Concen: 41.412 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.4	101.4	141.4
77	82.9	69.8	109.8





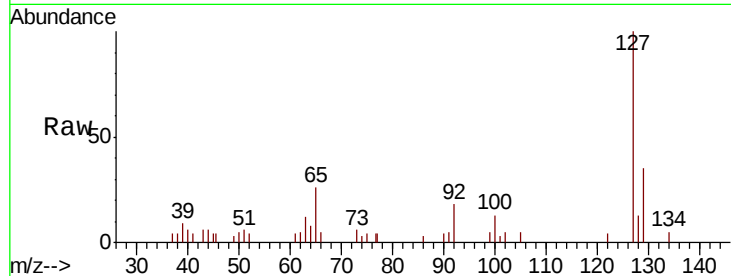
#33
4-Chloroaniline
Concen: 2.190 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.02 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

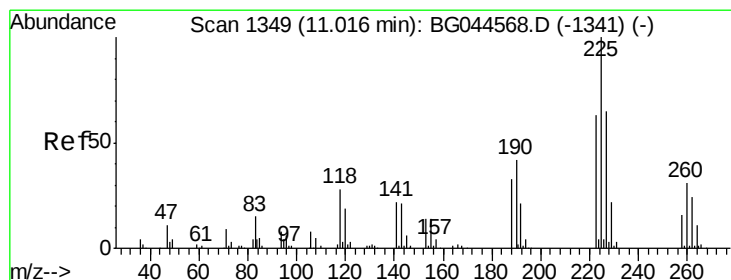
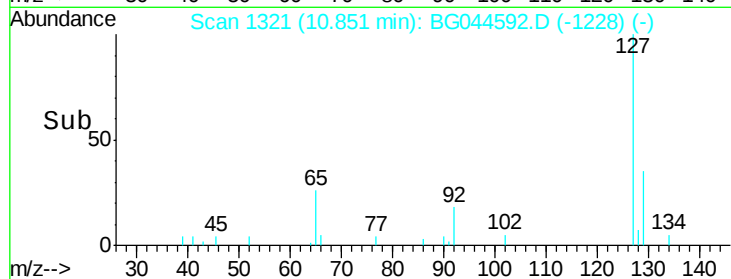
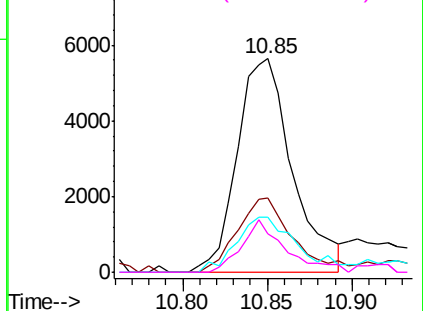
Tot Ion	Ratio	Lower	Upper
127	100		
129	34.6	25.9	38.9
65	26.1	20.7	31.1
92	18.1	14.2	21.2

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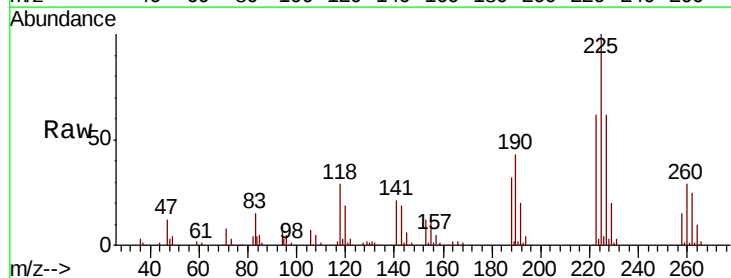


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

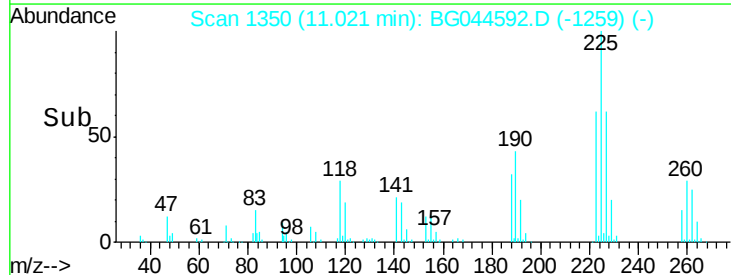
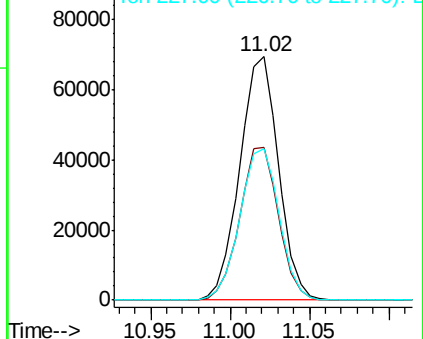


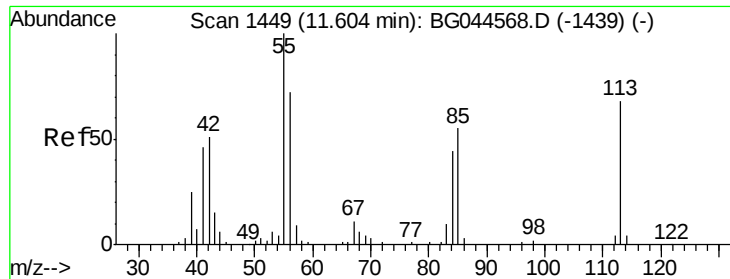
#34
Hexachlorobutadiene
Concen: 38.871 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	62.1	52.1	78.1



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





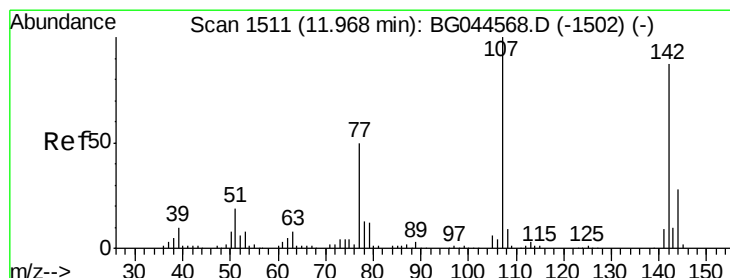
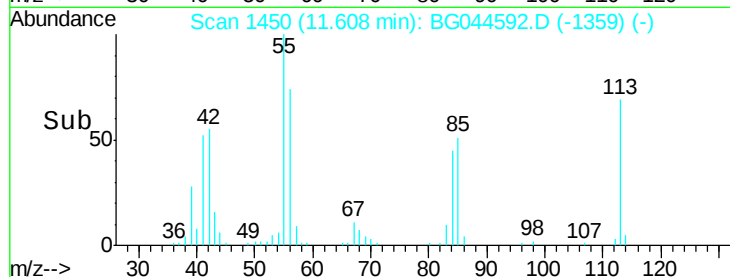
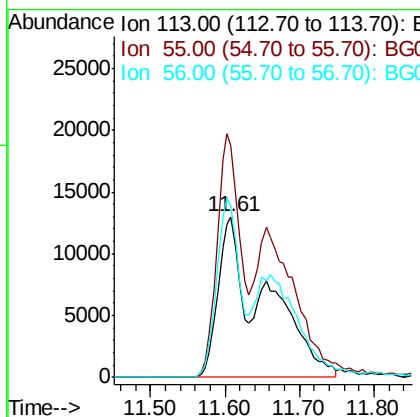
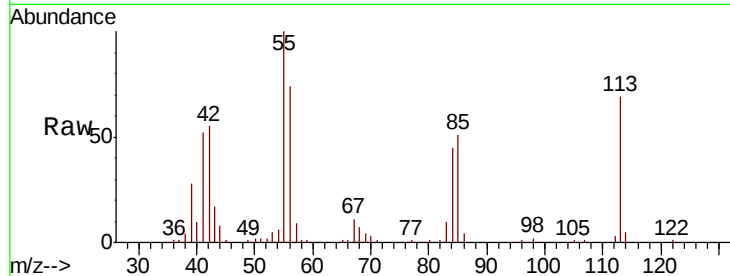
#35
Caprolactam
Concen: 37.680 ng/ml
RT: 11.61 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	144.3	127.8	167.8
56	106.6	86.9	126.9

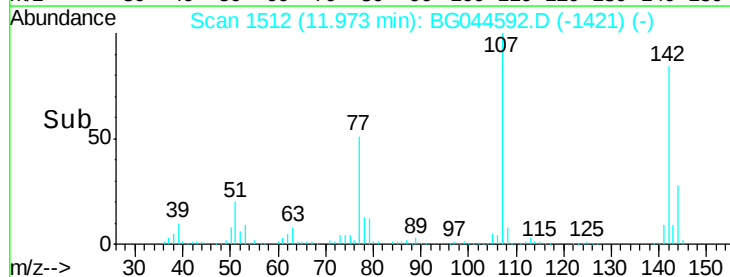
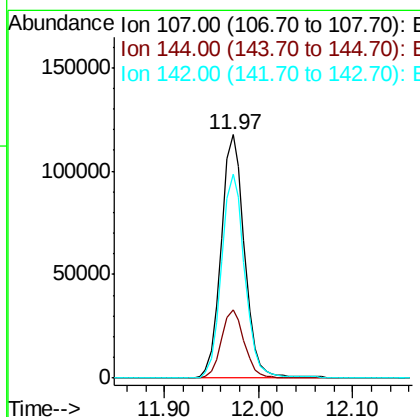
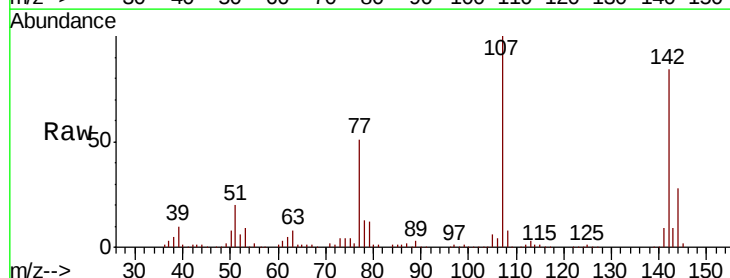
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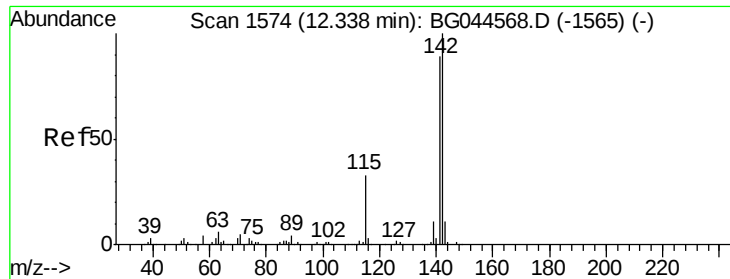
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#36
4-Chloro-3-methylphenol
Concen: 47.652 ng/ml
RT: 11.97 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.2	22.3	33.5
142	83.7	69.3	103.9





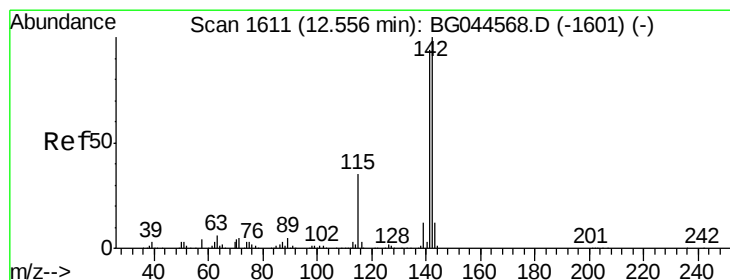
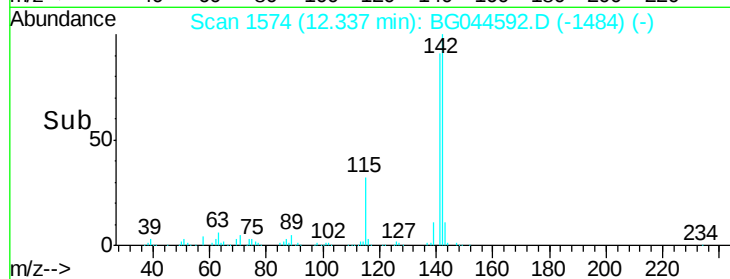
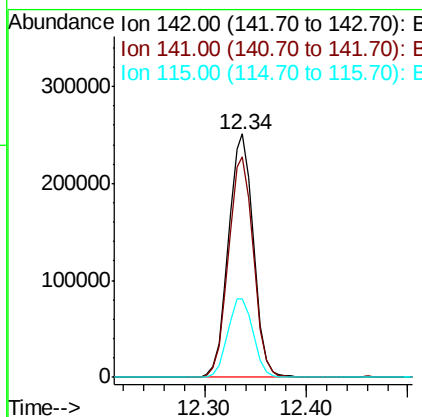
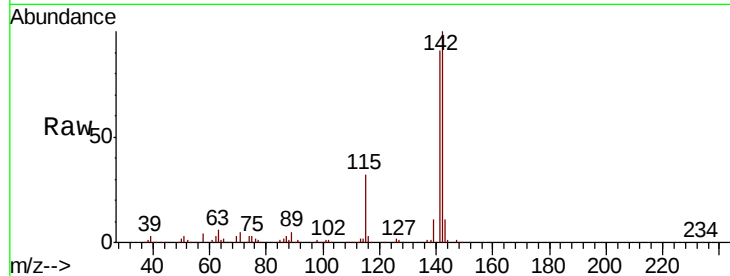
#37
2-Methylnaphthalene
Concen: 43.456 ng
RT: 12.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.3	106.9
115	32.4	26.2	39.2

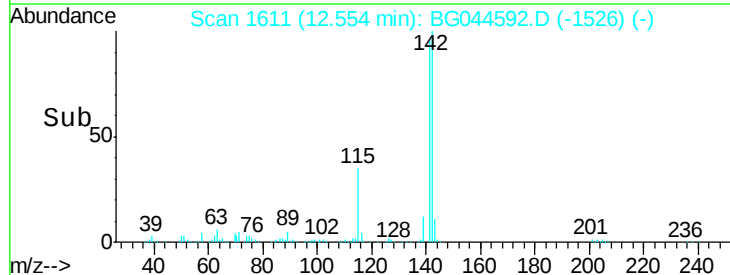
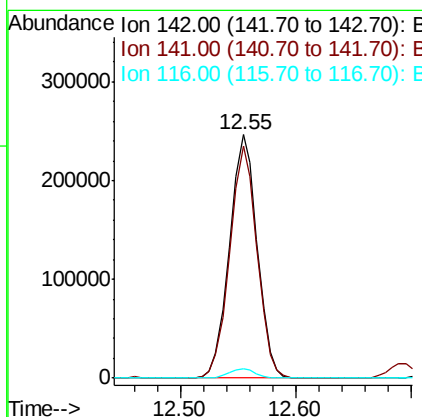
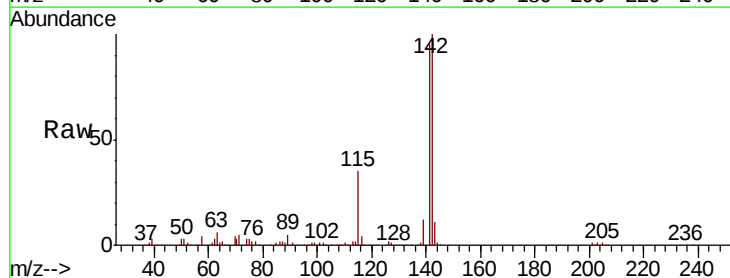
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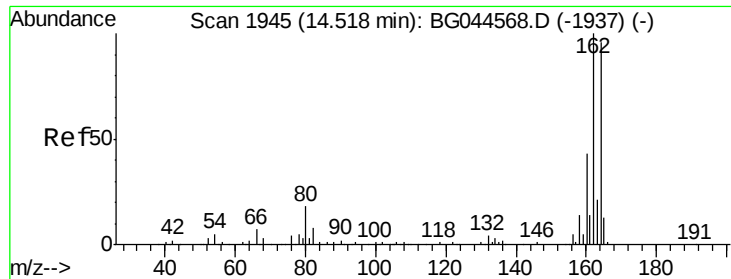
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#38
1-Methylnaphthalene
Concen: 43.496 ng
RT: 12.55 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	75.1	112.7
116	3.8	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

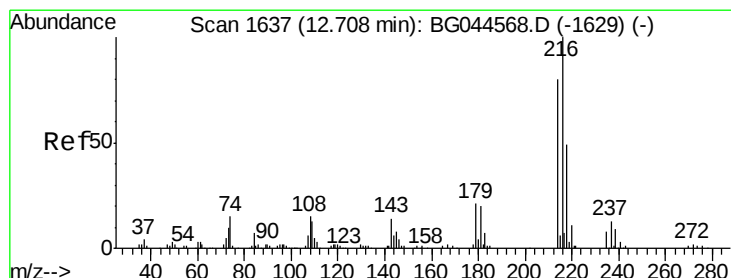
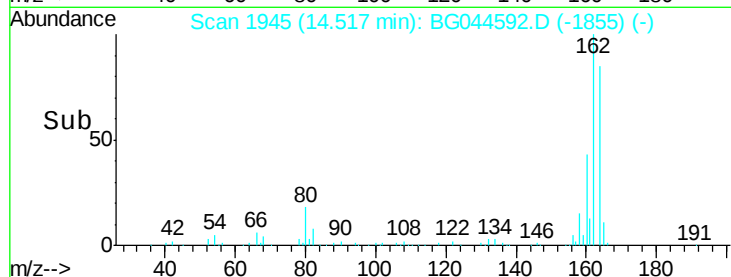
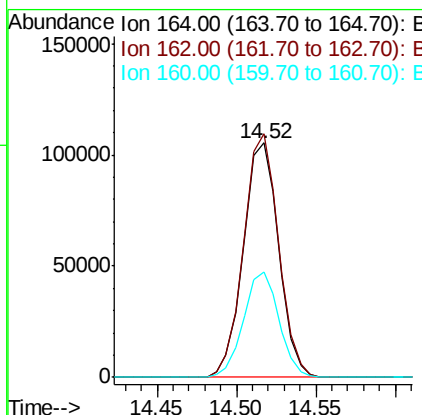
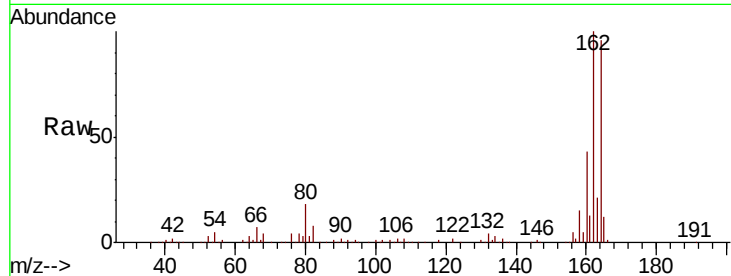
ClientSampleId :

HAM-WC-S-SB-010203MS

Tot Ion:	164	Resp:	163513
Ion Ratio	Lower	Upper	
164	100		
162	103.9	83.6	125.4
160	44.8	36.2	54.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.340 ng

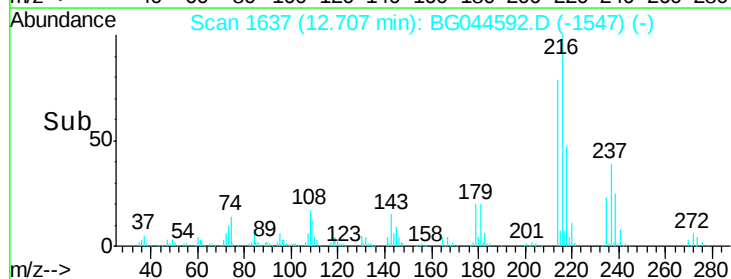
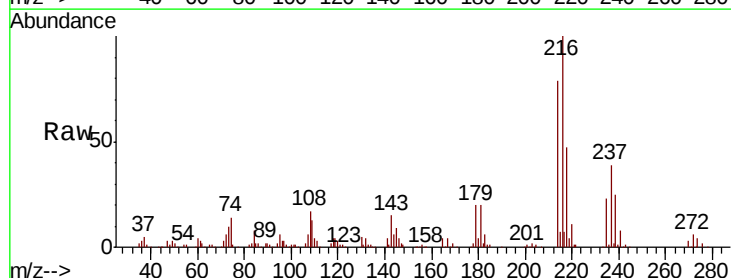
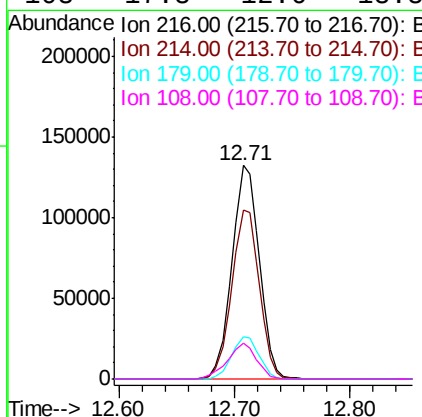
RT: 12.71 min Scan# 1637

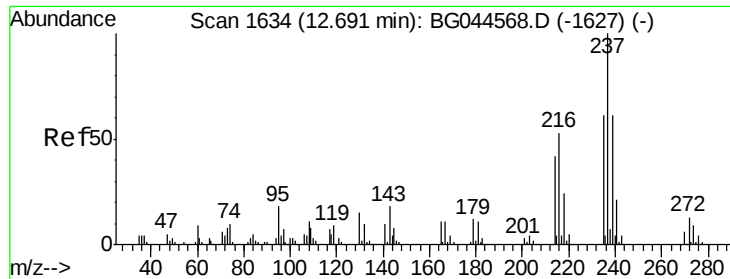
Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Tgt Ion:	216	Resp:	216555
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.3	94.9
179	19.9	16.2	24.2
108	17.8	12.6	18.8





#41

Hexachlorocyclopentadiene

Concen: 80.755 ng

RT: 12.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

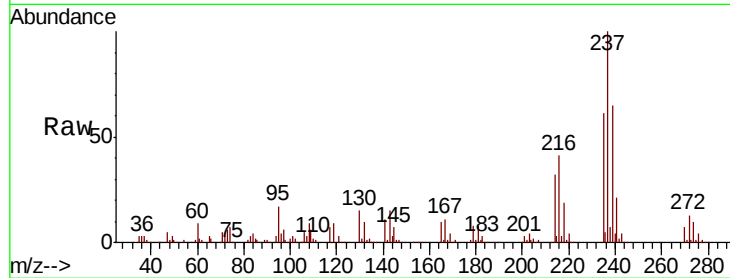
ClientSampleId :

HAM-WC-S-SB-010203MS

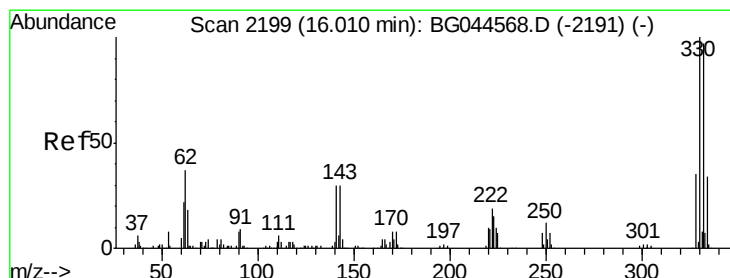
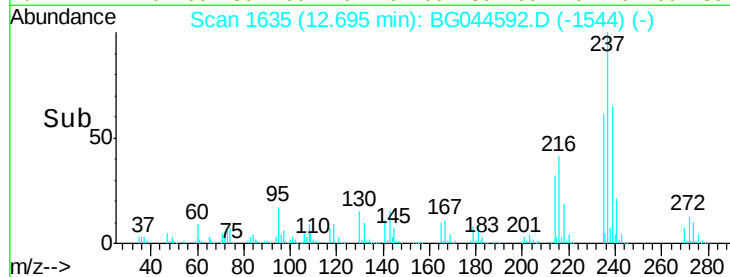
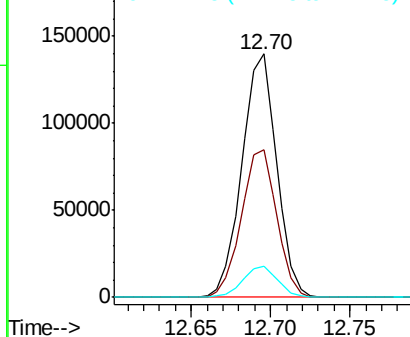
Tot Ion:	237	Resp:	212112
Ion Ratio	Lower	Upper	
237	100		
235	60.7	40.7	80.7
272	12.9	0.0	32.7

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



#42

2,4,6-Tribromophenol

Concen: 131.014 ng

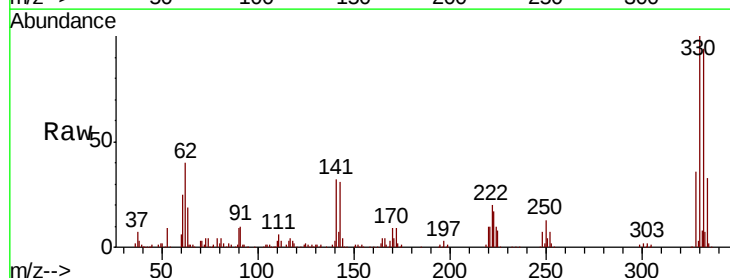
RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

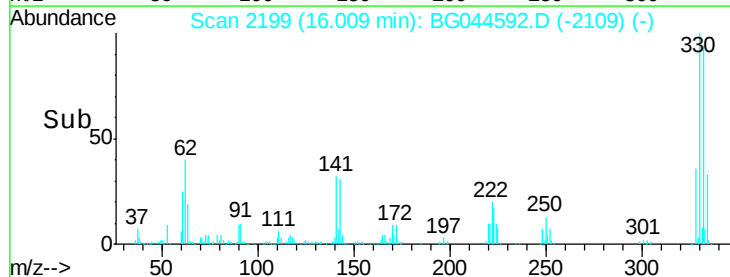
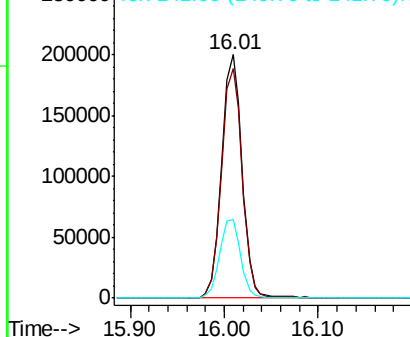
Lab File: BG044592.D

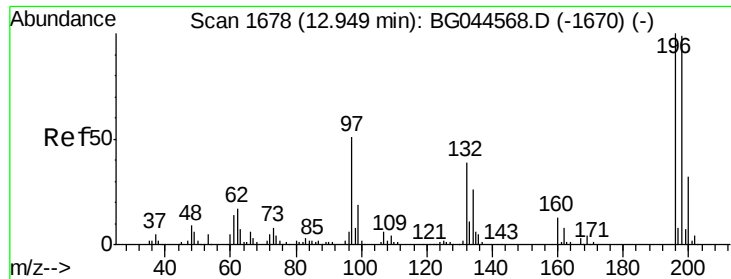
Acq: 26 Feb 2020 1:12

Tgt Ion:	330	Resp:	303755
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.4	116.0
141	33.4	26.1	39.1



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





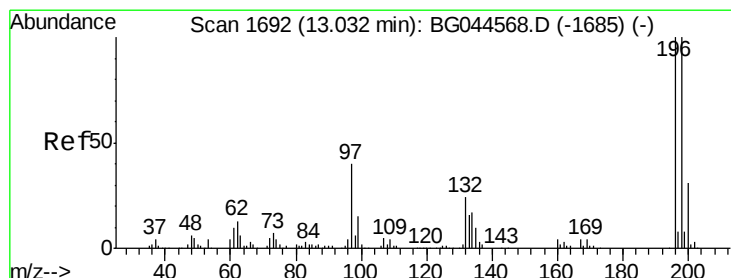
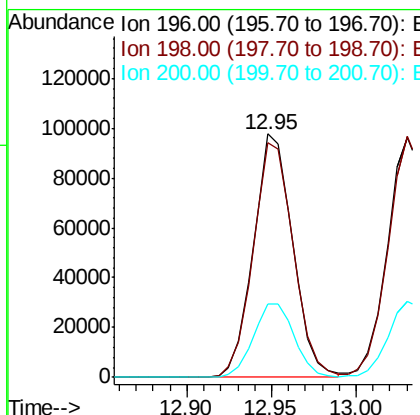
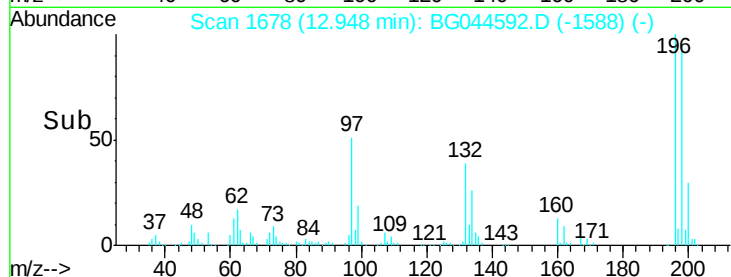
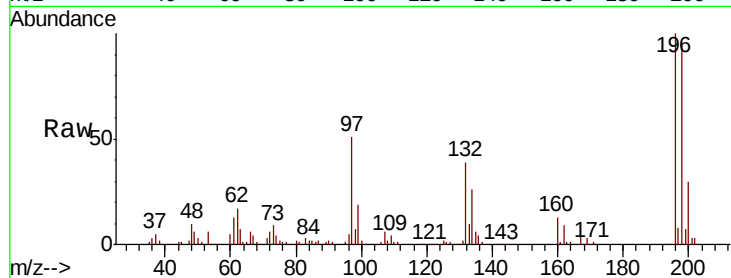
#43
 2,4,6-Trichlorophenol
 Concen: 44.177 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	157899		
198	96.3	79.2	118.8	
200	30.2	25.7	38.5	

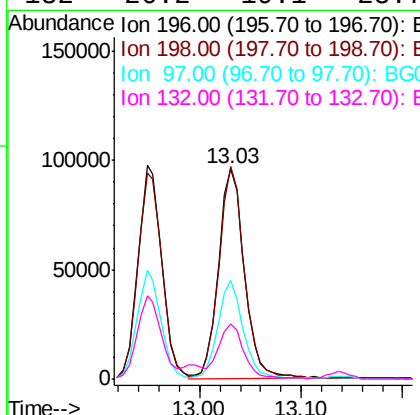
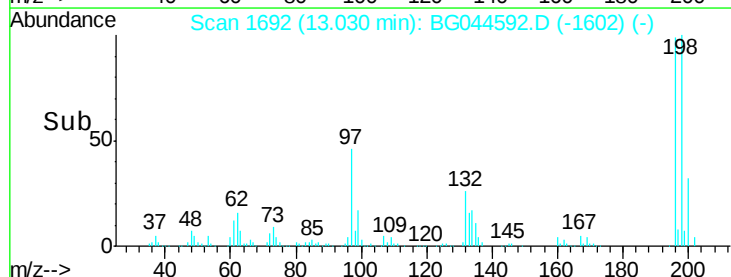
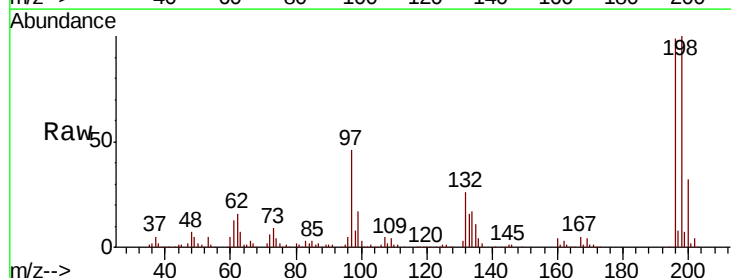
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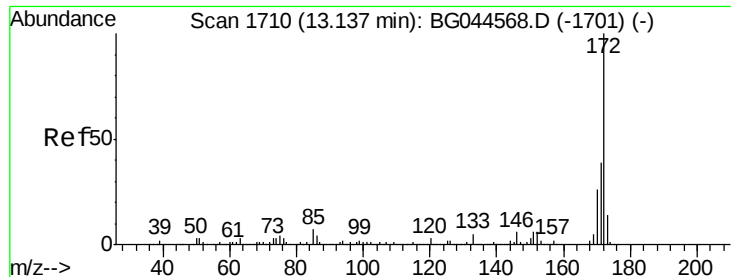
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#44
 2,4,5-Trichlorophenol
 Concen: 46.437 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	170500		
198	100.7	79.3	118.9	
97	46.6	32.3	48.5	
132	26.2	19.1	28.7	





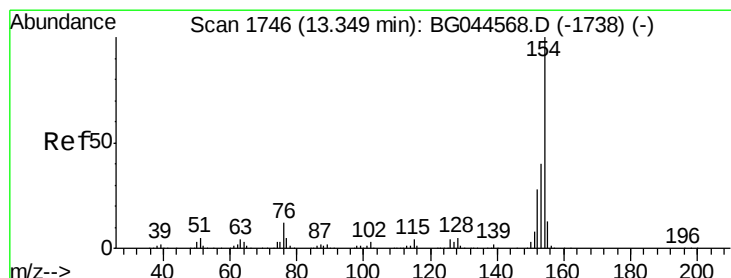
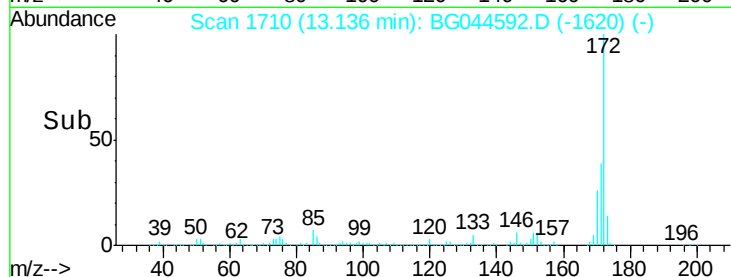
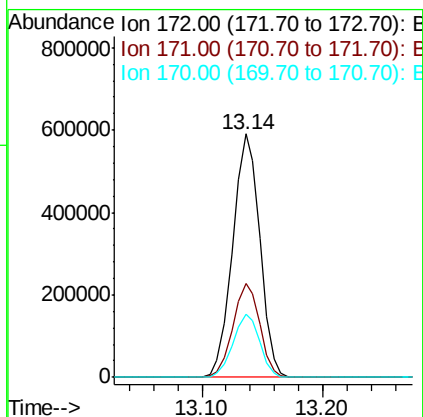
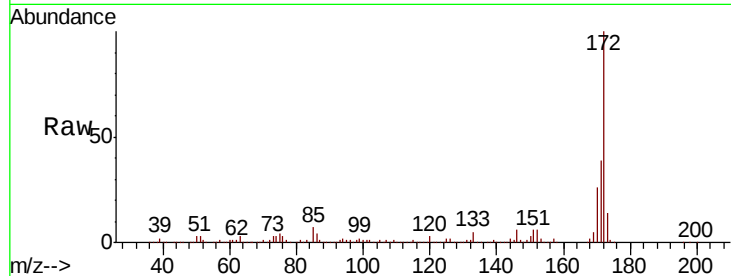
#45
 2-Fluorobiphenyl
 Concen: 81.069 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	25.9	21.0	31.4

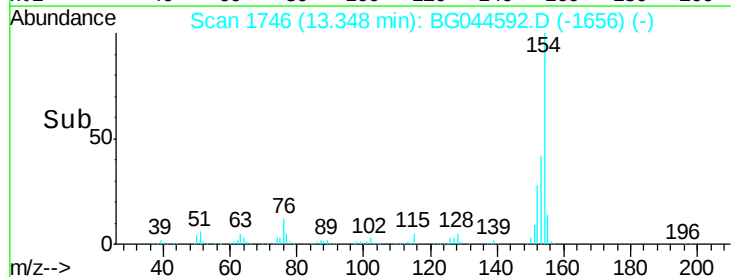
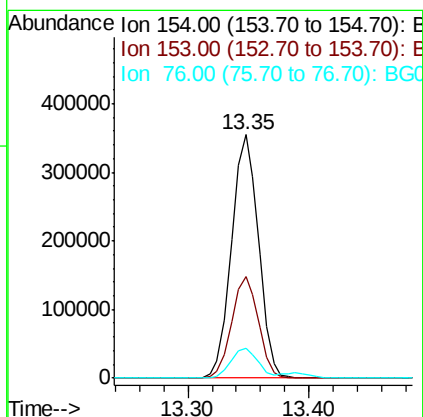
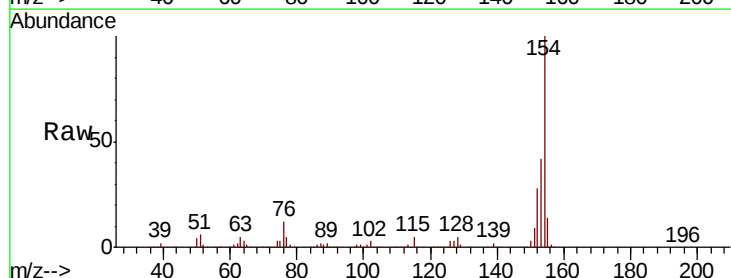
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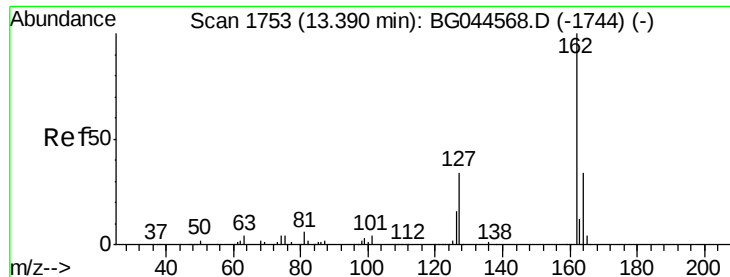
mohammad
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#46
 1,1'-Biphenyl
 Concen: 40.652 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.2	60.2
76	12.3	0.0	31.8





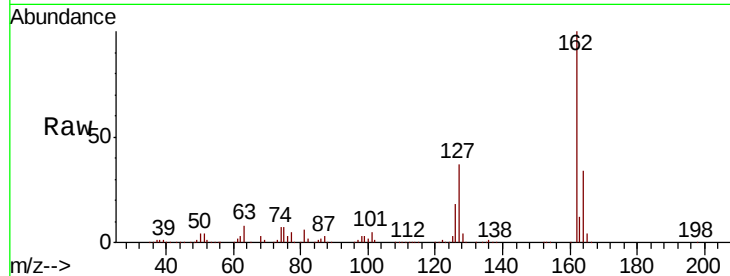
#47
2-Chloronaphthalene
Concen: 40.489 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	28.7	43.1
164	33.5	27.3	40.9

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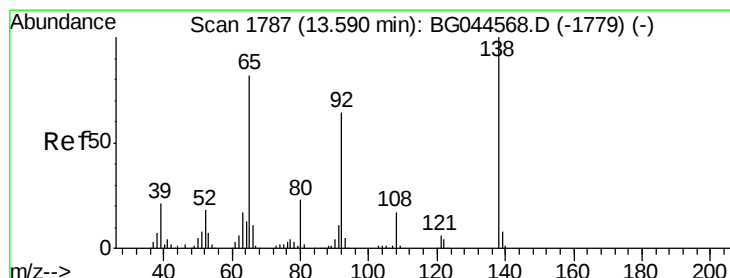
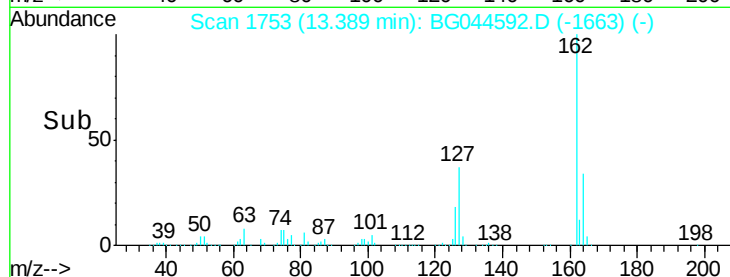
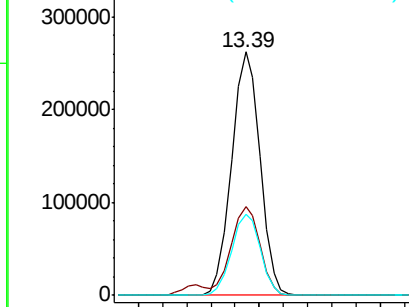


Abundance

Ion 162.00 (161.70 to 162.70): E

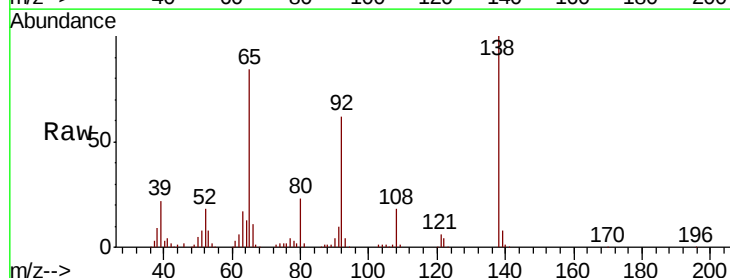
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.647 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	62.2	93.2
138	119.5	97.6	146.4

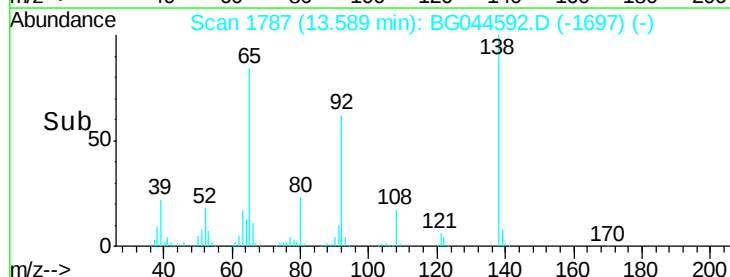
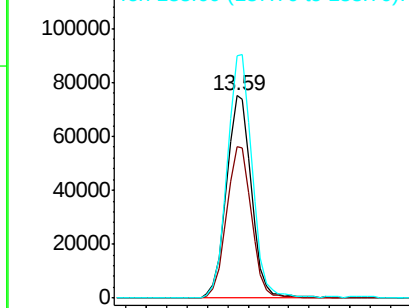


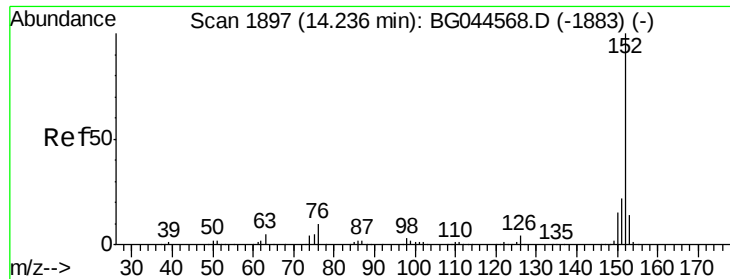
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.095 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

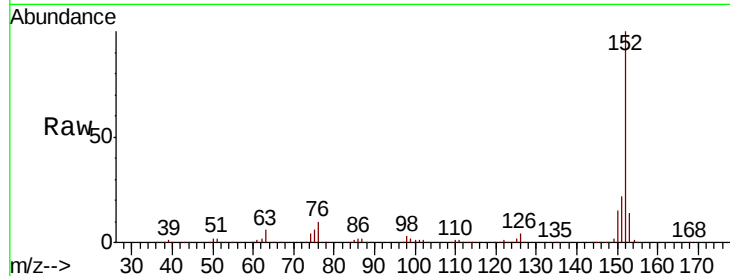
ClientSampleId :

HAM-WC-S-SB-010203MS

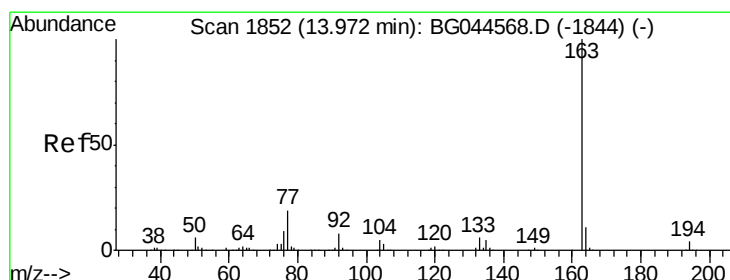
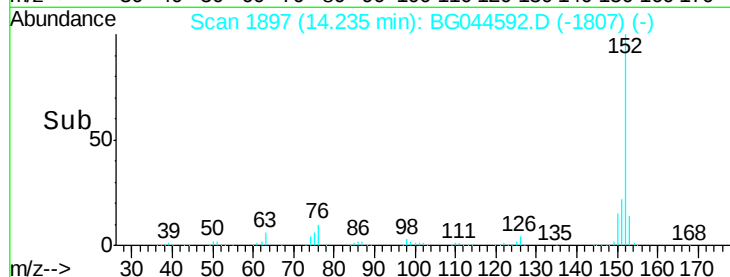
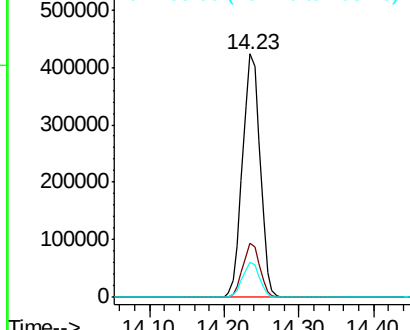
Tot Ion:	152	Resp:	690653
Ion Ratio	Lower	Upper	
152	100		
151	22.5	17.7	26.5
153	14.5	11.3	16.9

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.446 ng

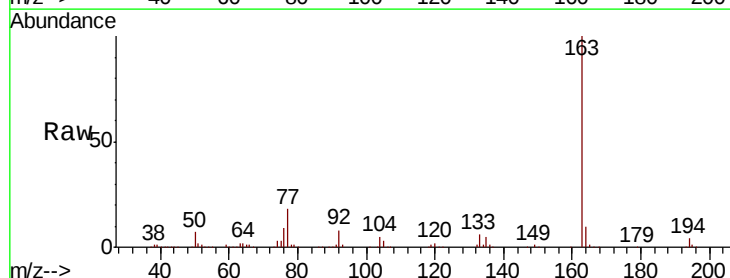
RT: 13.98 min Scan# 1853

Delta R.T. 0.00 min

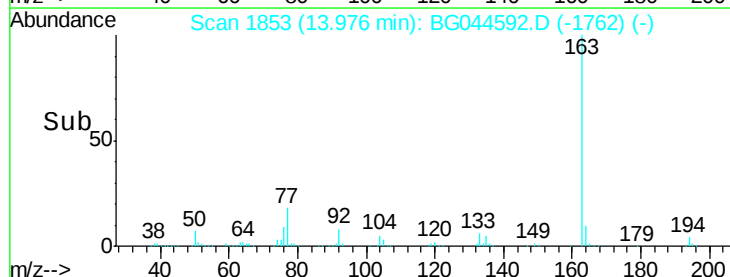
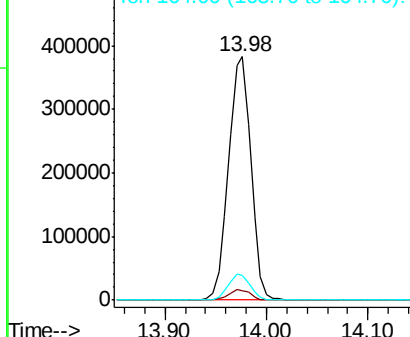
Lab File: BG044592.D

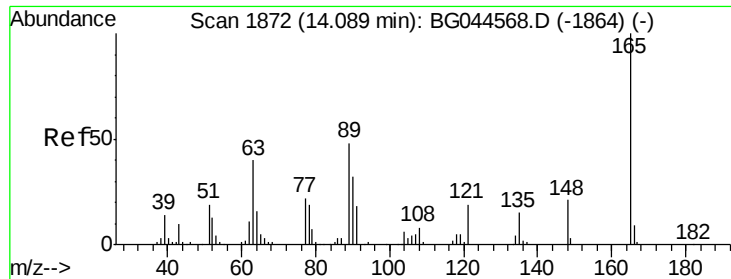
Acq: 26 Feb 2020 1:12

Tgt Ion:	163	Resp:	586580
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	10.2	8.7	13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





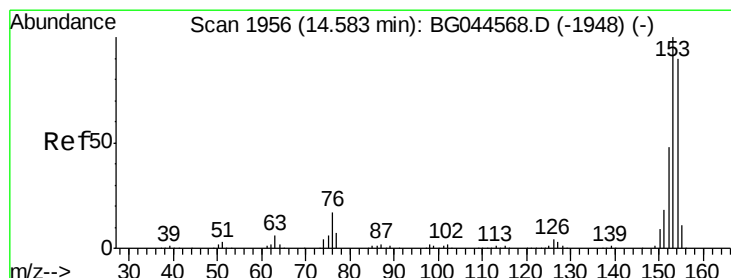
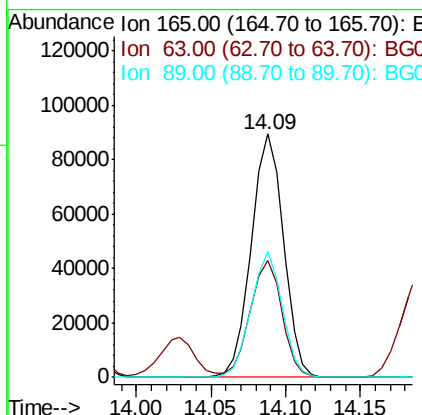
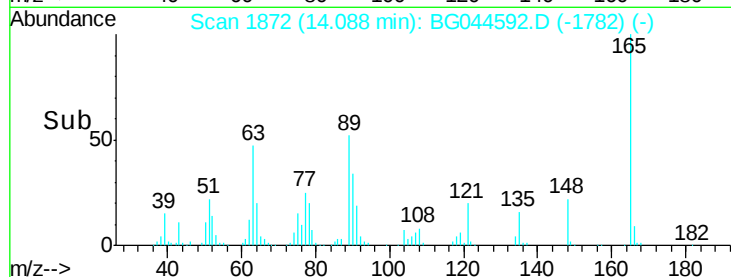
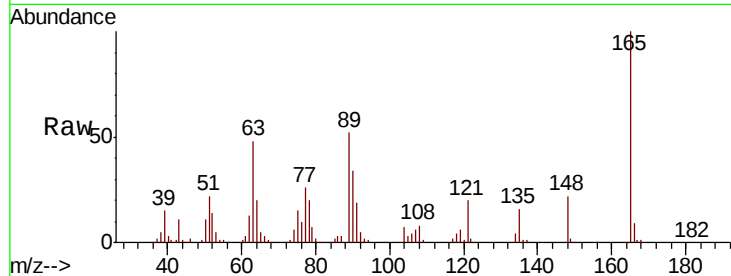
#51
 2,6-Dinitrotoluene
 Concen: 45.902 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-010203MS

Tot Ion:	165	Resp:	133607
Ion Ratio	Lower	Upper	
165	100		
63	47.9	35.8	53.6
89	51.5	38.7	58.1

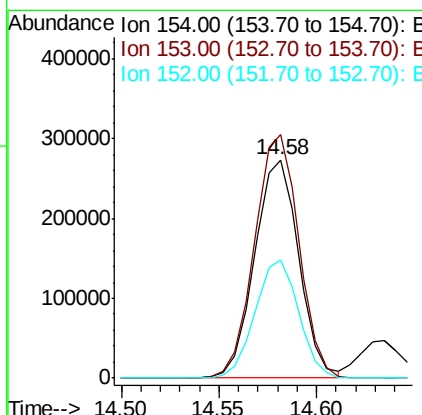
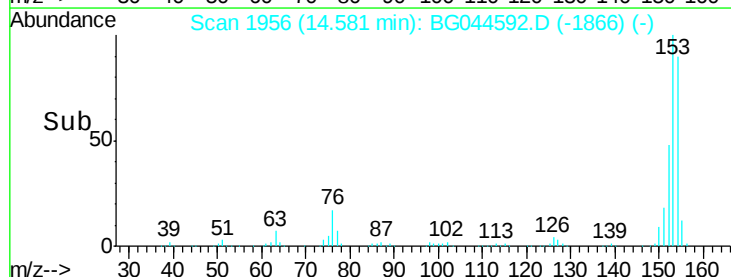
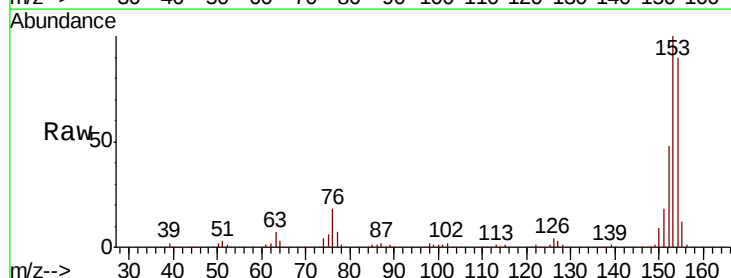
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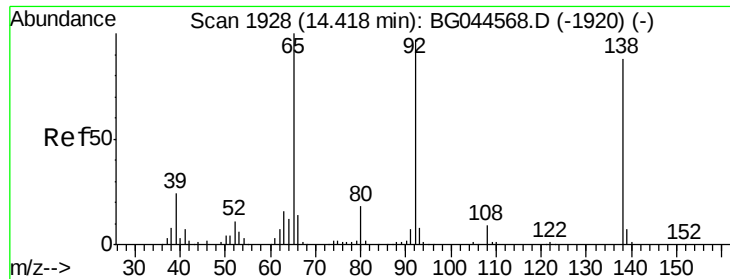
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#52
 Acenaphthene
 Concen: 42.917 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion:	154	Resp:	428494
Ion Ratio	Lower	Upper	
154	100		
153	111.4	89.4	134.0
152	54.0	43.0	64.4





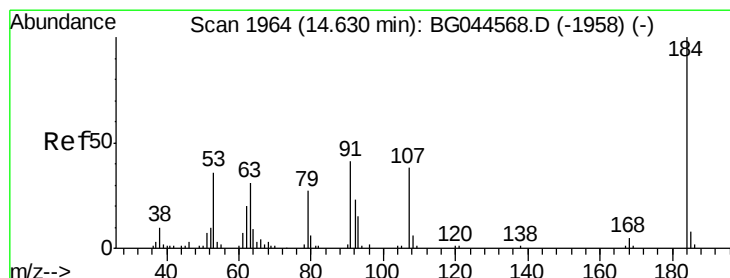
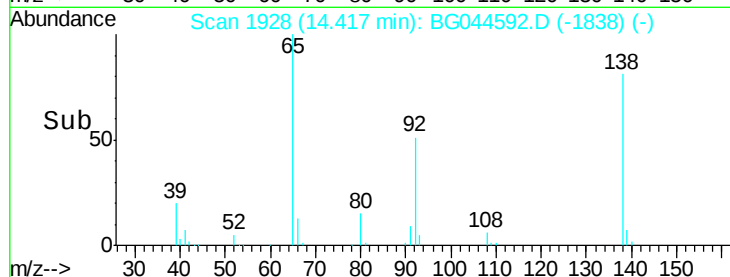
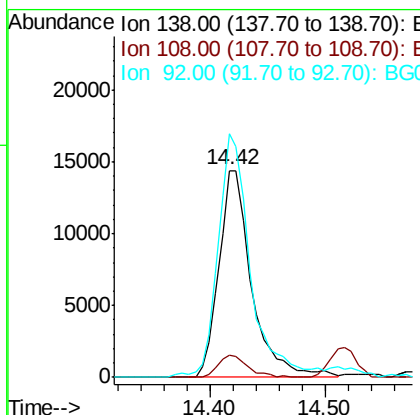
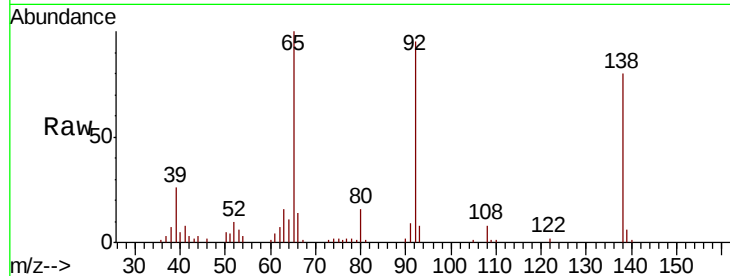
#53
3-Nitroaniline
Concen: 9.017 ng
RT: 14.42 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	7.9	11.9
92	117.7	87.4	131.2

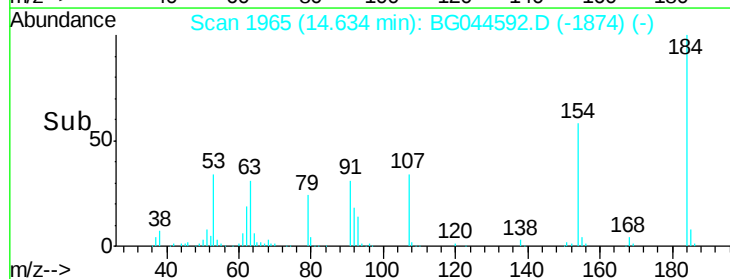
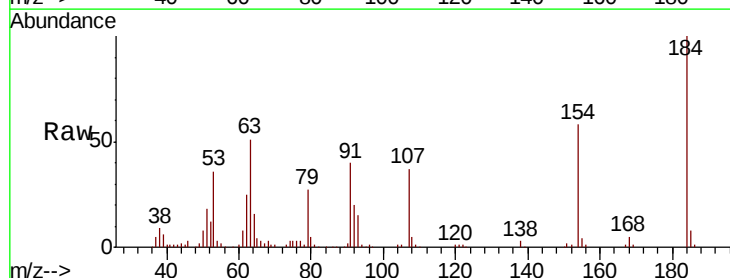
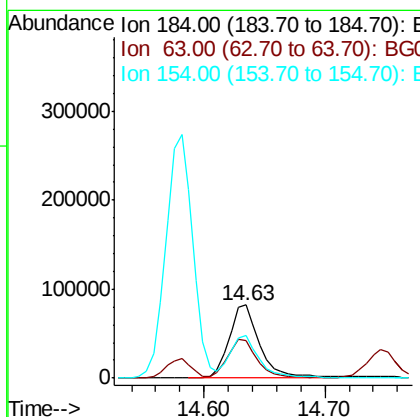
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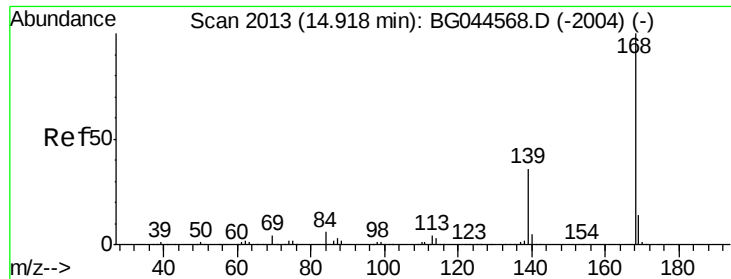
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#54
2,4-Dinitrophenol
Concen: 83.186 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.8	42.1	63.1
154	57.8	43.4	65.2





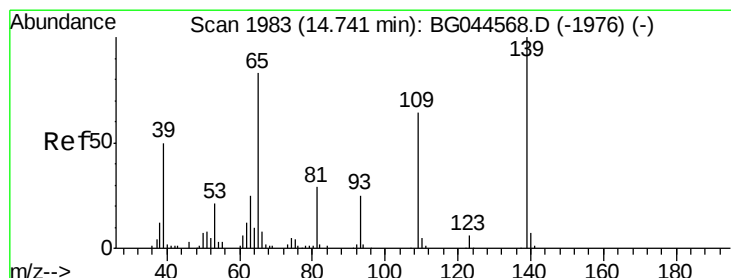
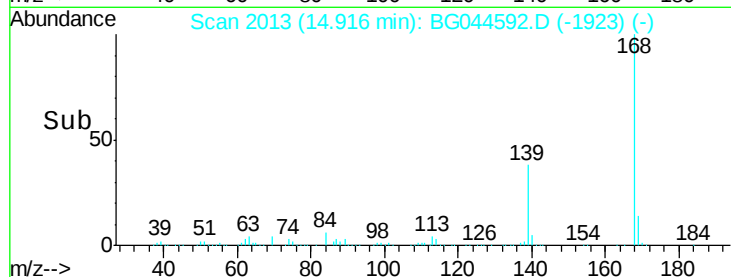
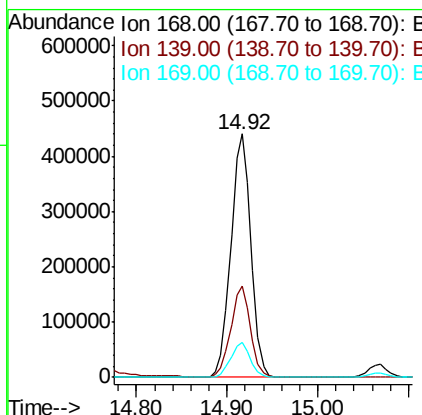
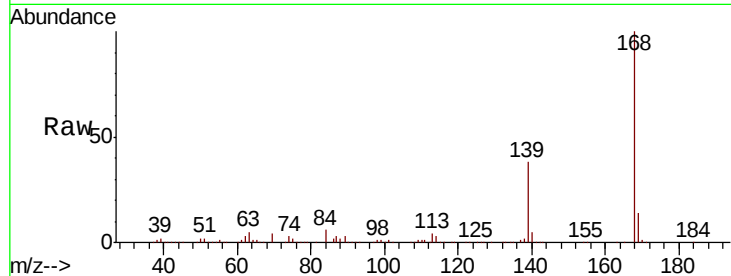
#55
Dibenzenofuran
Concen: 44.142 ng
RT: 14.92 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.2	43.8
169	14.5	11.0	16.6

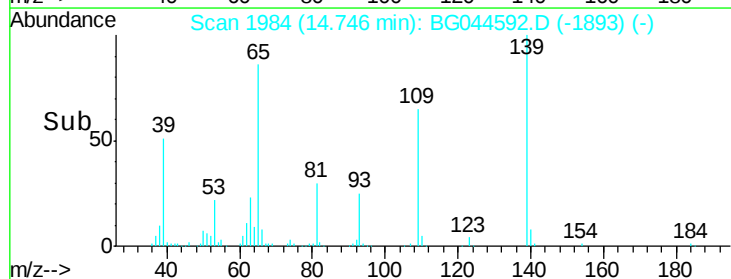
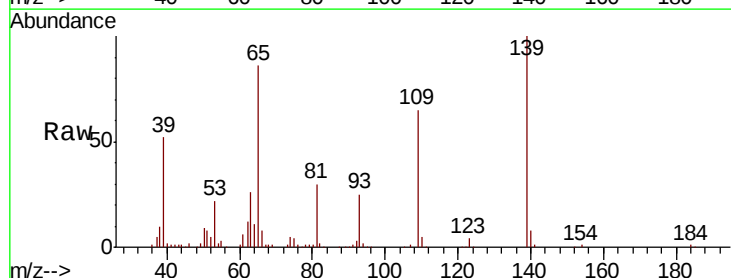
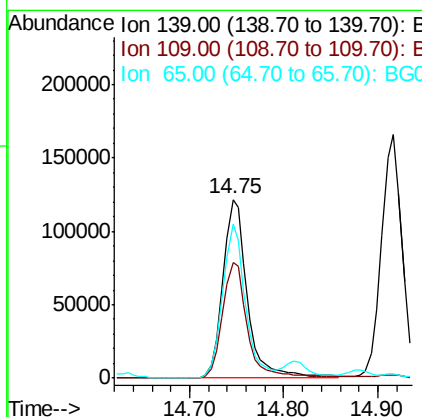
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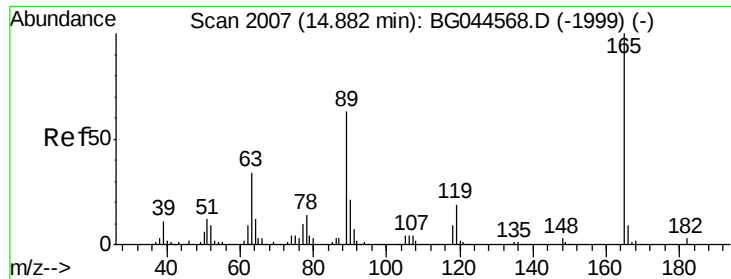
mohammad
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#56
4-Nitrophenol
Concen: 102.990 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.8	43.8	83.8
65	86.4	63.6	103.6





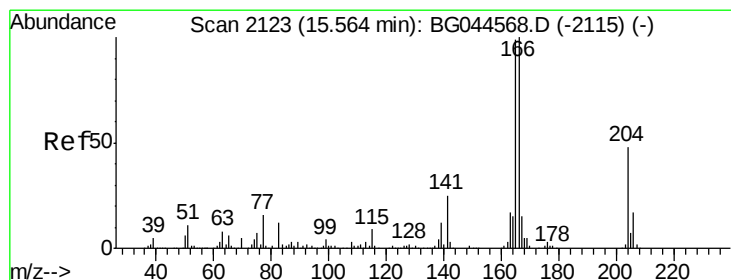
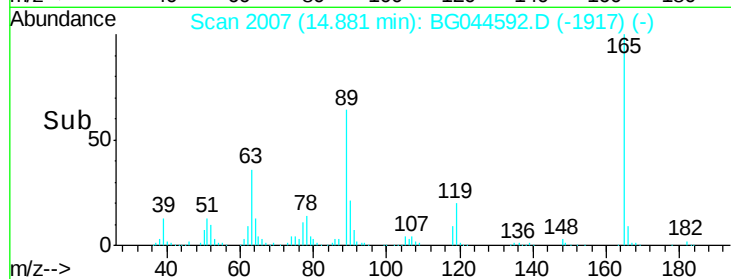
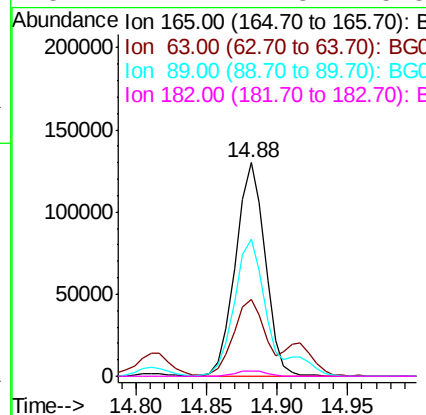
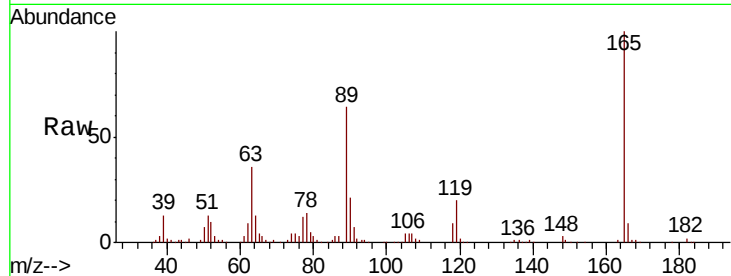
#57
 2,4-Dinitrotoluene
 Concen: 46.404 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	189892		
63	36.0	27.5	41.3	
89	64.3	50.0	75.0	
182	2.4	2.3	3.5	

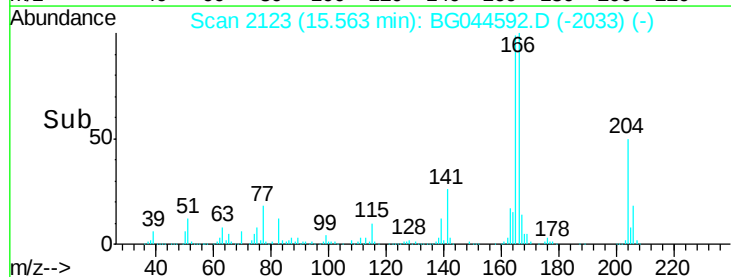
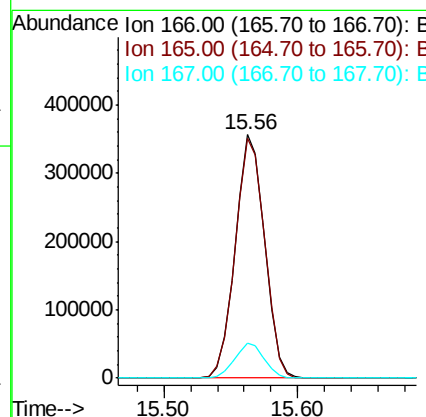
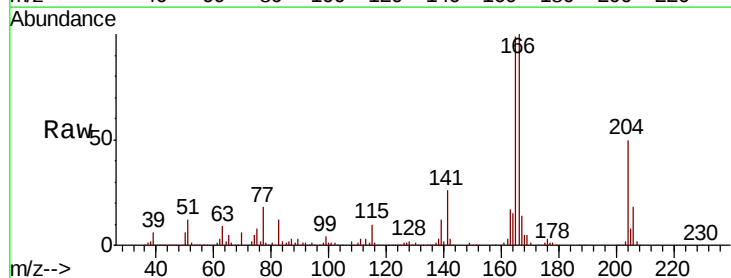
Manual Integrations
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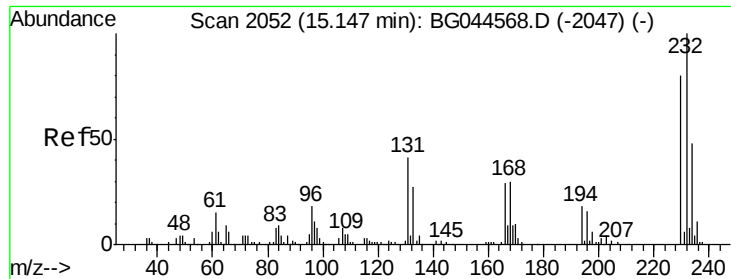
mohammad
 2/27/2020 5:03:10 PM



#58
 Fluorene
 Concen: 44.900 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	544912		
165	98.5	79.2	118.8	
167	14.3	11.7	17.5	





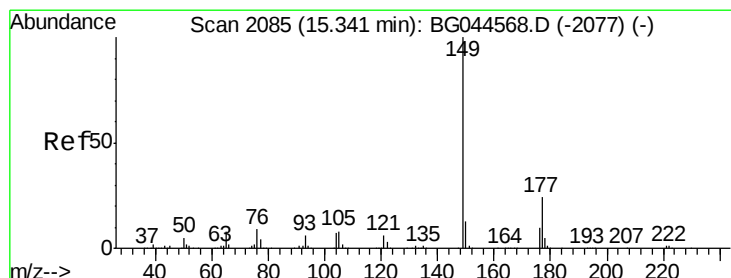
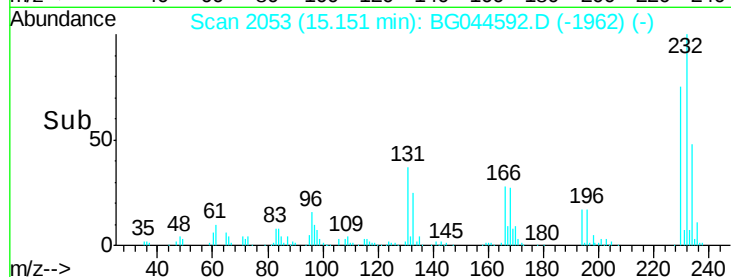
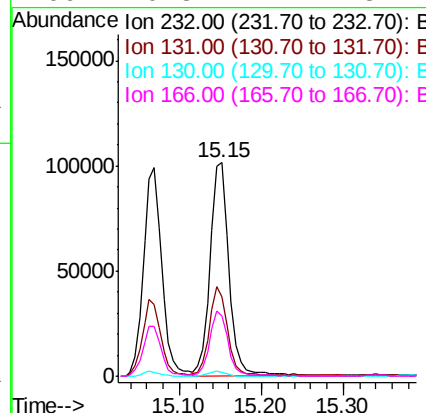
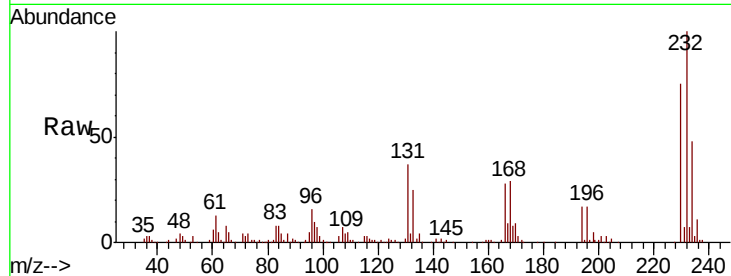
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.114 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.1	31.8	47.6
130	2.2	1.8	2.6
166	29.3	22.7	34.1

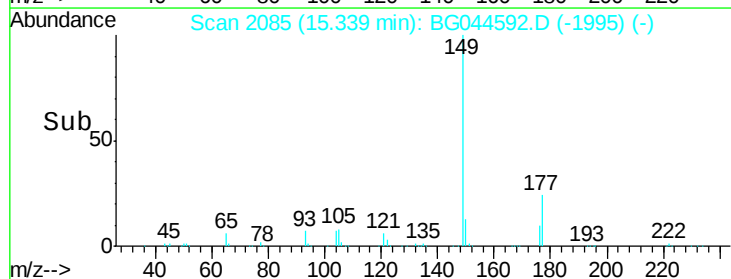
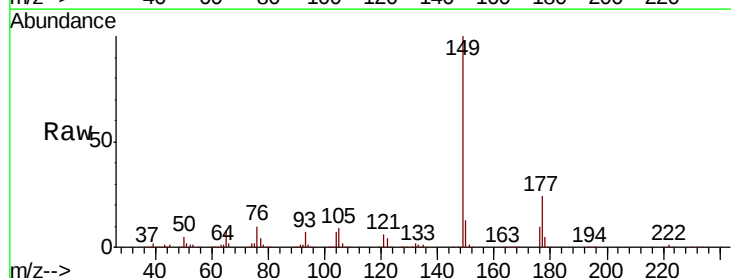
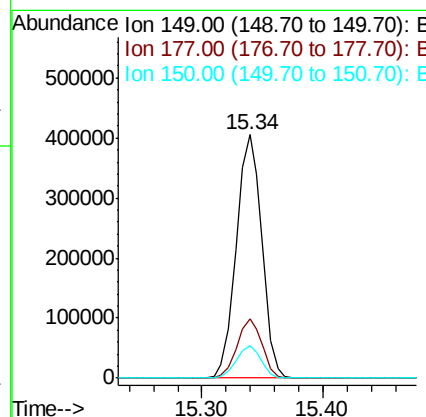
Manual Integrations
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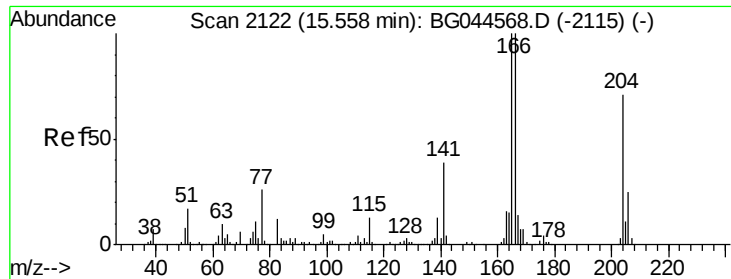
mohammad
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#60
 Diethylphthalate
 Concen: 45.535 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.2	28.8
150	13.1	10.2	15.4





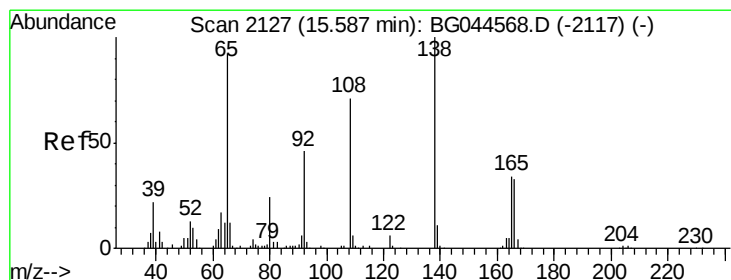
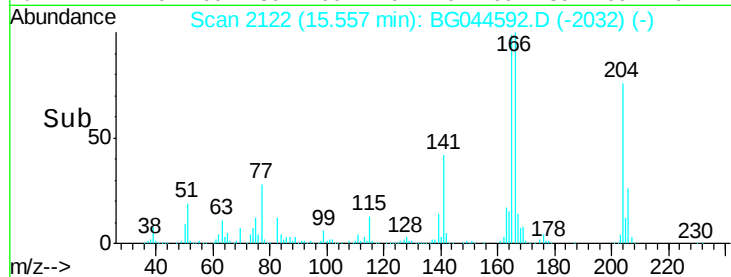
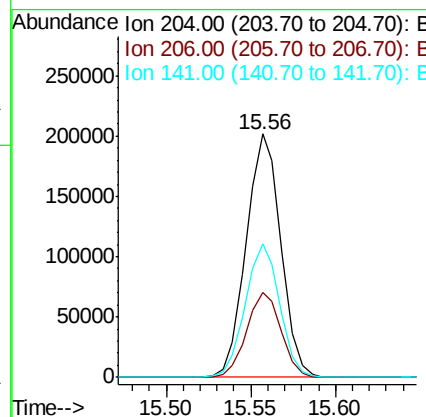
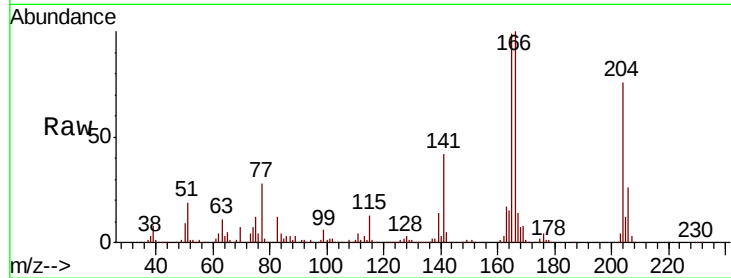
#61
4-Chlorophenyl-phenylether
Concen: 43.423 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.8	41.8
141	55.1	43.8	65.8

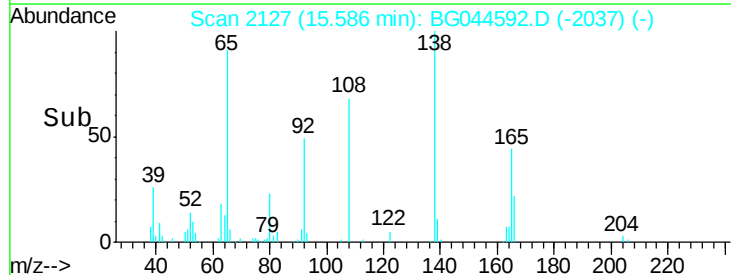
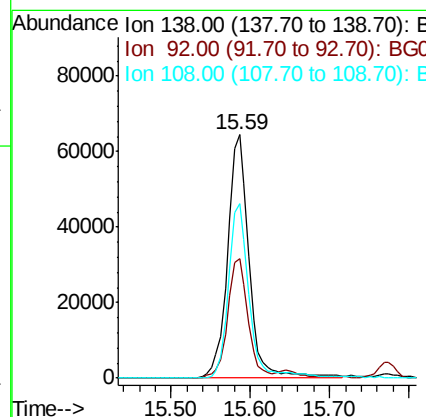
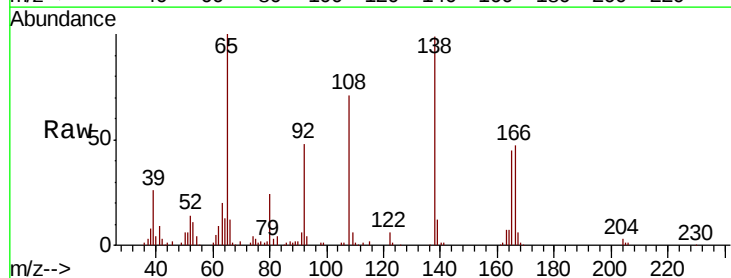
Manual Integrations
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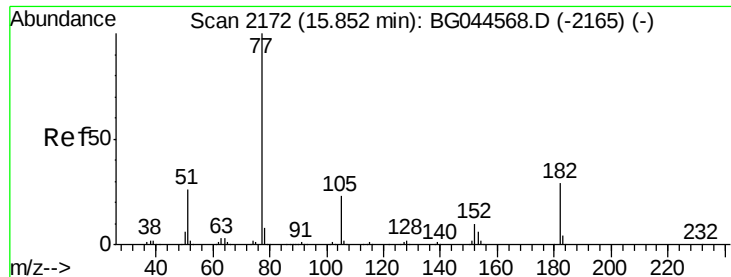
mohammad
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#62
4-Nitroaniline
Concen: 38.440 ng
RT: 15.59 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	26.4	66.4
108	71.7	50.5	90.5





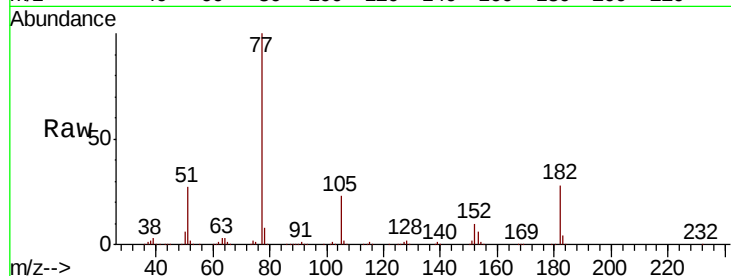
#63
Azobenzene
Concen: 46.406 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

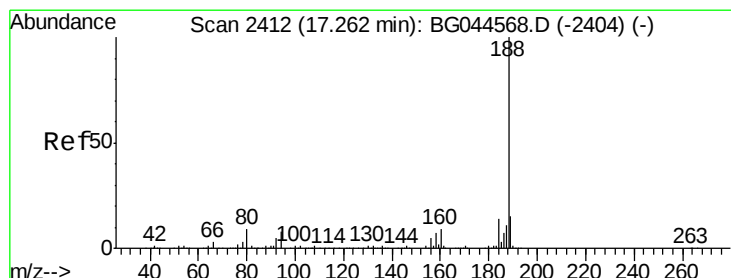
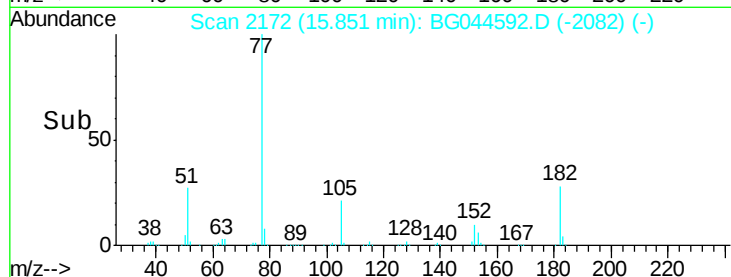
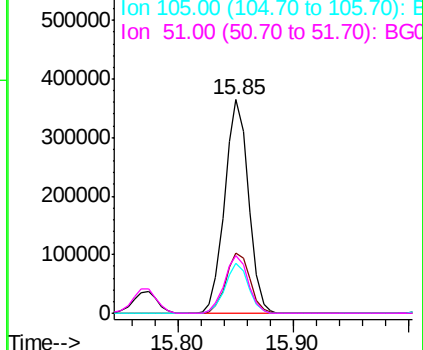
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.1	9.4	49.4	
105	23.2	3.4	43.4	
51	27.2	6.4	46.4	

Manual Integrations
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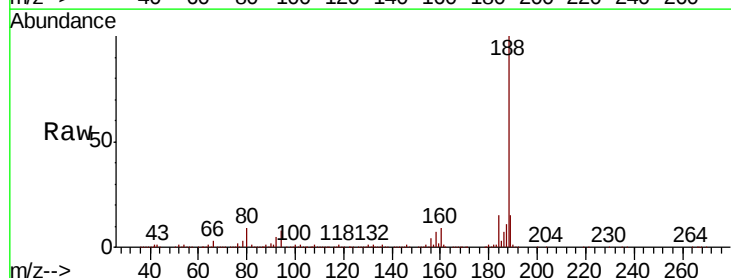


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

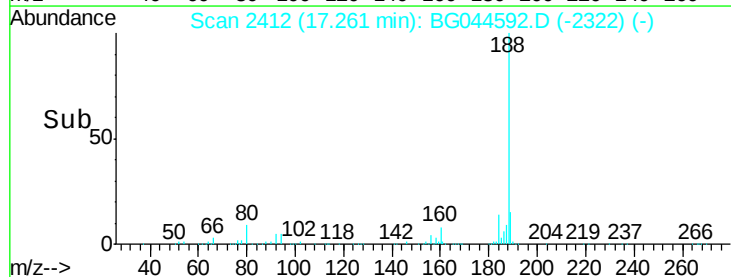
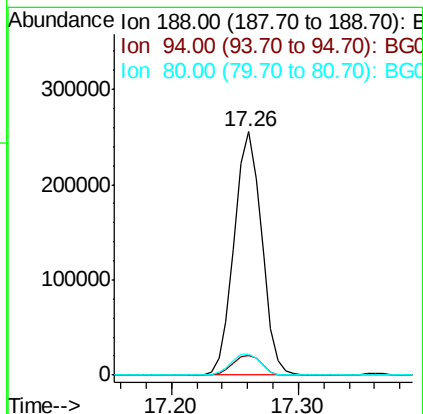


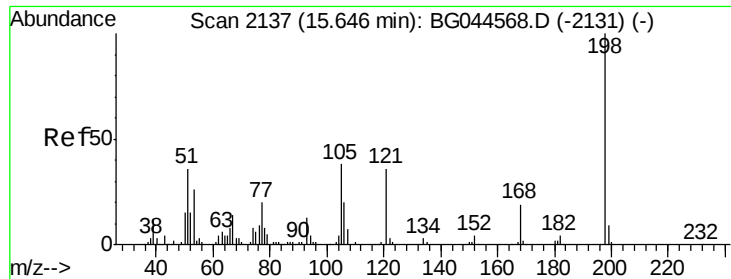
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	6.7	10.1	
80	8.8	7.6	11.4	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





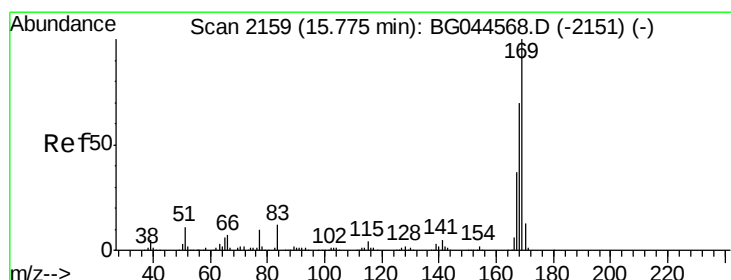
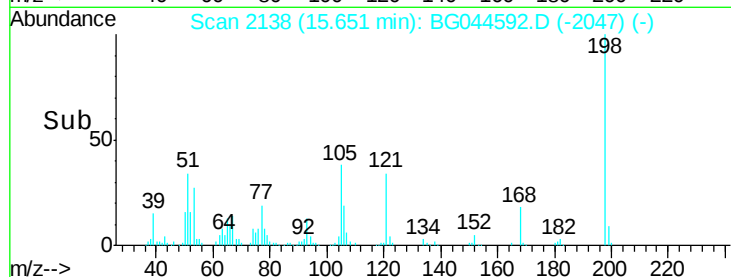
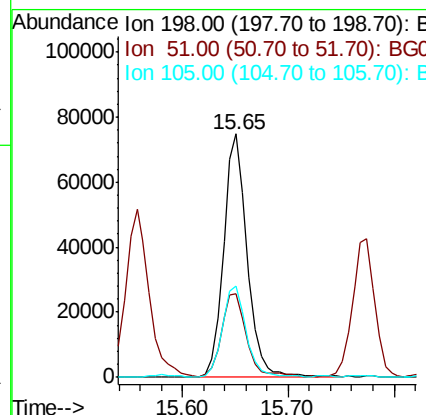
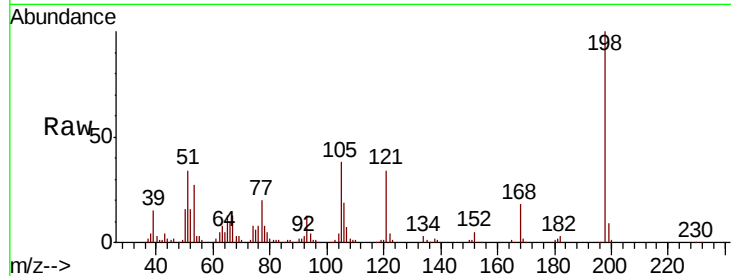
#65
4,6-Dinitro-2-methylphenol
Concen: 48.622 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	115847		
51	34.1	17.0	57.0	
105	37.6	18.4	58.4	

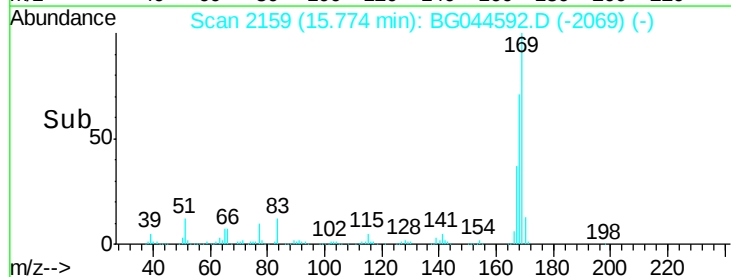
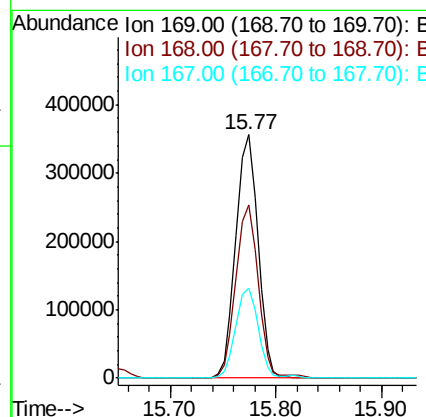
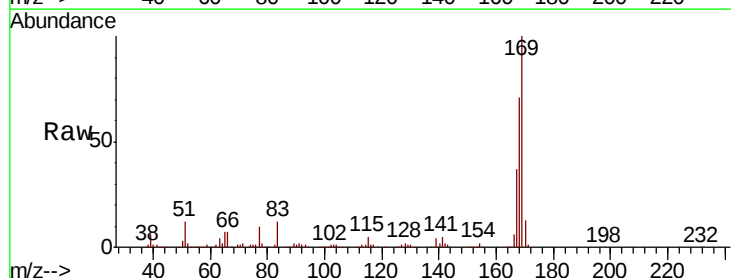
Manual Integrations
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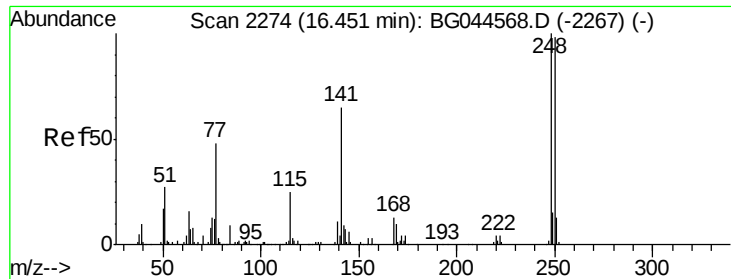
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 43.159 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	518032		
168	71.3	56.1	84.1	
167	37.0	29.4	44.0	





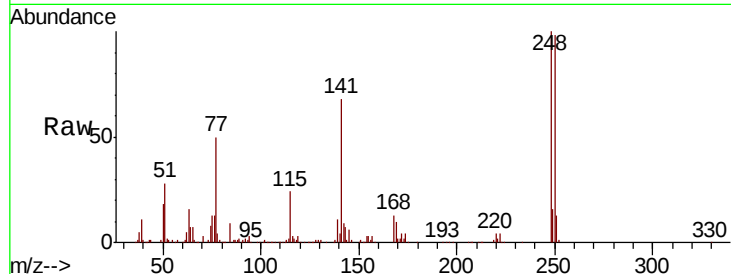
#67
4-Bromophenyl-phenylether
Concen: 41.049 ng
RT: 16.45 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.7	118.1
141	67.8	52.3	78.5

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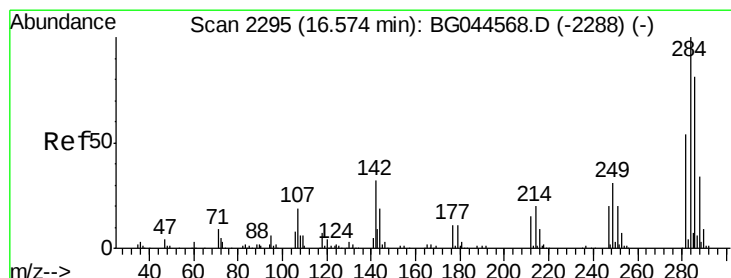
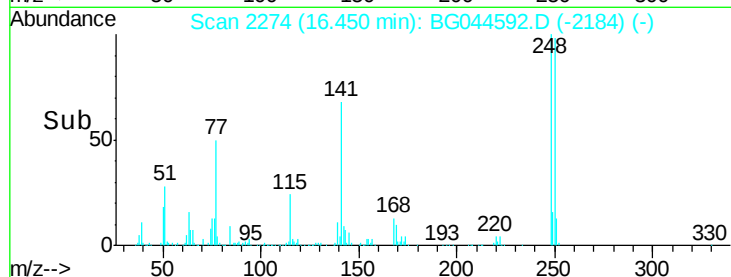
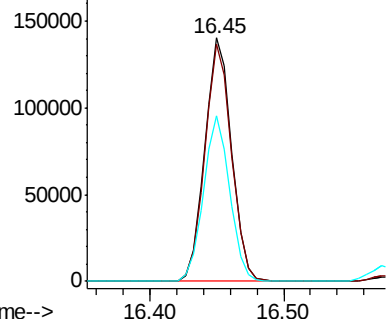


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.124 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

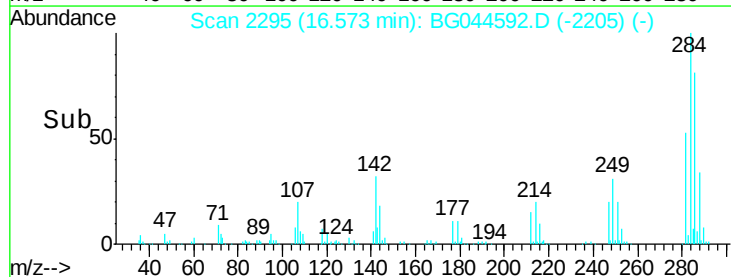
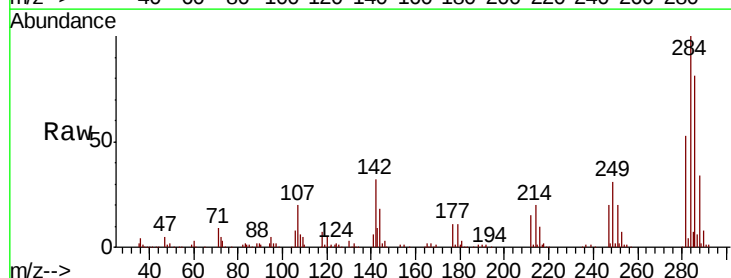
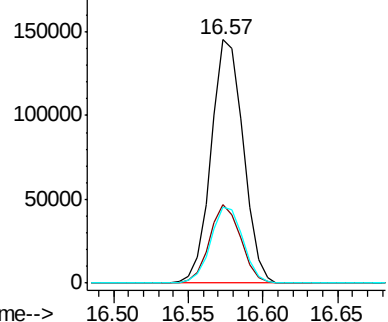
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	25.6	38.4
249	31.1	24.6	36.8

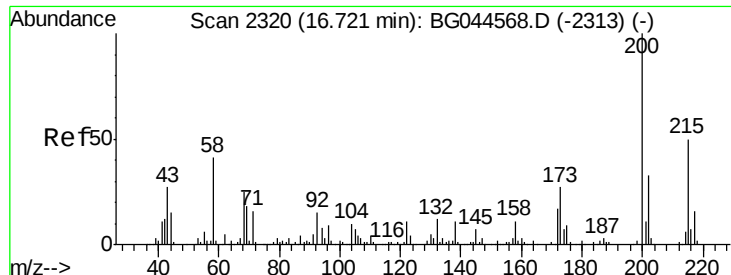
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





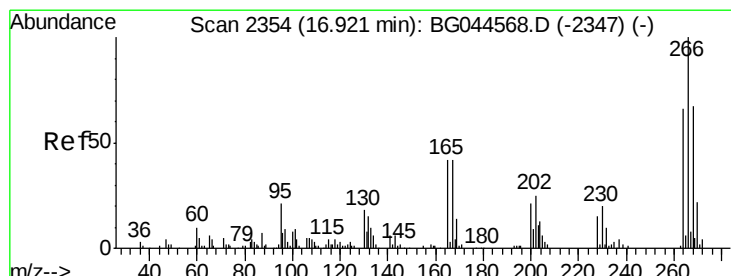
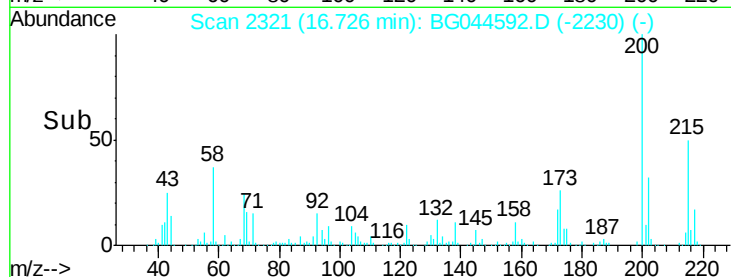
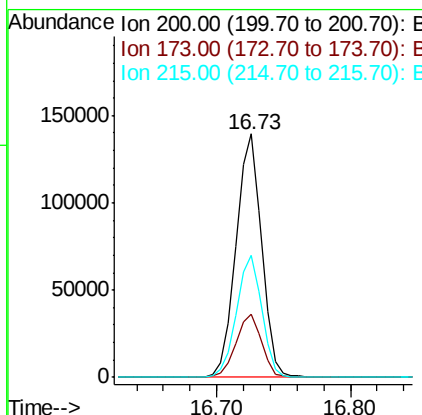
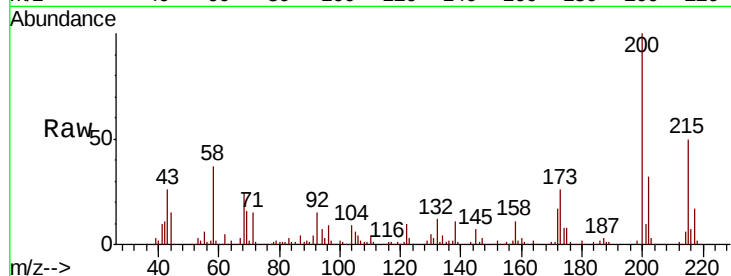
#69
 Atrazine
 Concen: 41.770 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. 0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.6	46.6
215	50.2	30.3	70.3

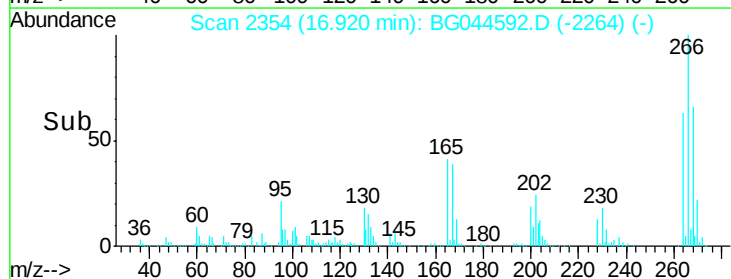
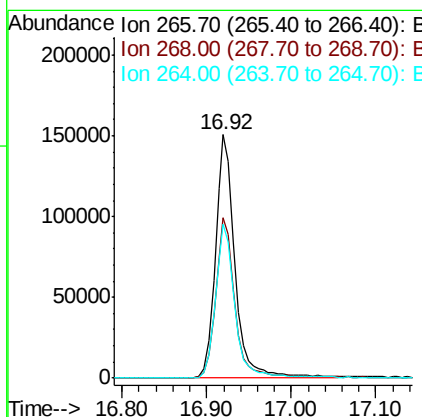
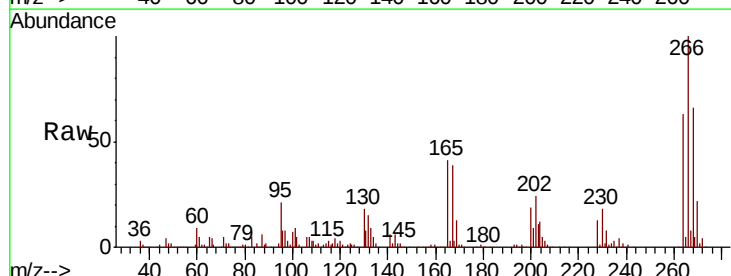
Manual Integrations
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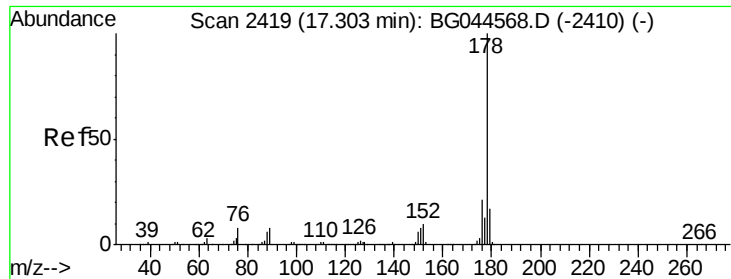
mohammad
 2/27/2020 5:03:10 PM



#70
 Pentachlorophenol
 Concen: 91.705 ng
 RT: 16.92 min Scan# 2354
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	53.4	80.0
264	63.3	53.0	79.4





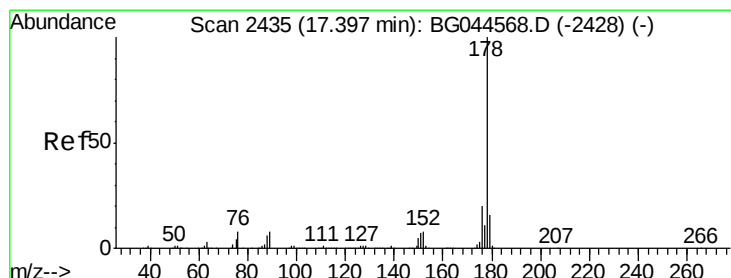
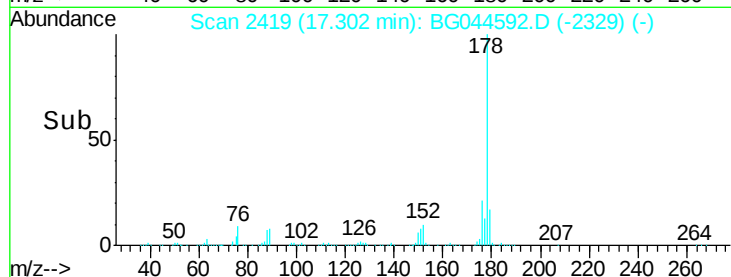
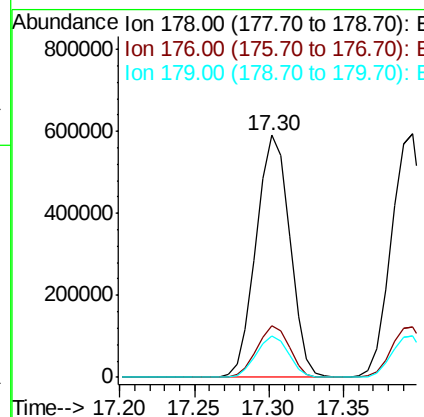
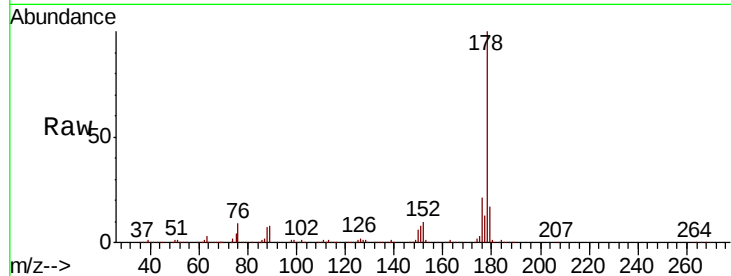
#71
Phenanthrene
Concen: 43.203 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.6	25.0
179	16.9	13.3	19.9

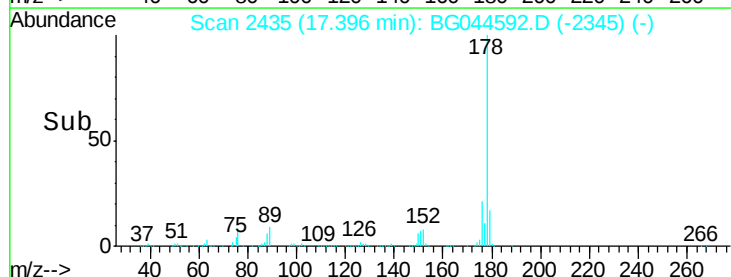
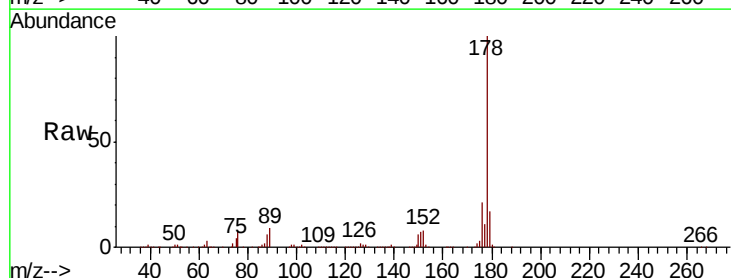
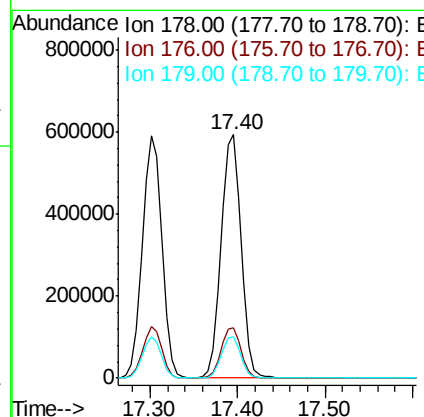
Manual Integrations
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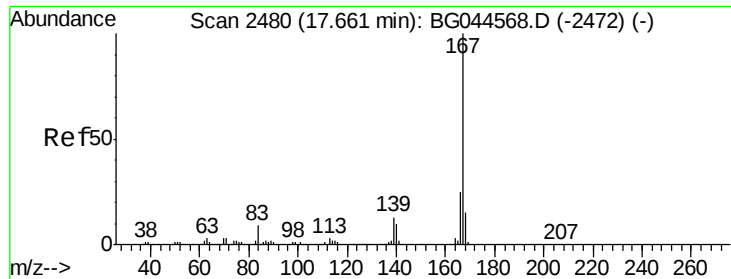
mohammad
2/27/2020 5:03:10 PM



#72
Anthracene
Concen: 44.962 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.9	23.9
179	16.7	13.1	19.7





#73

Carbazole

Concen: 45.395 ng

RT: 17.66 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

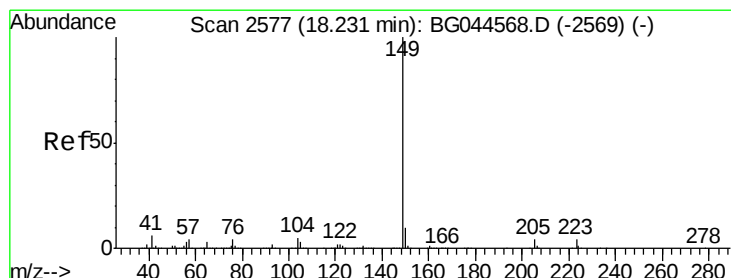
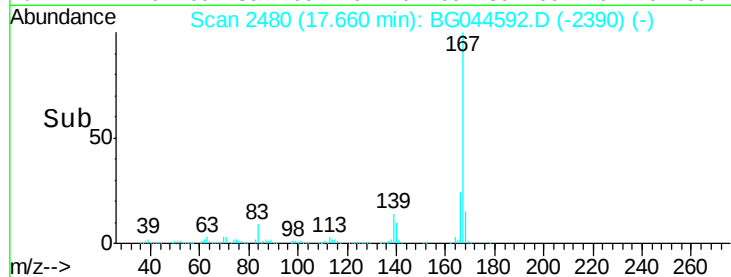
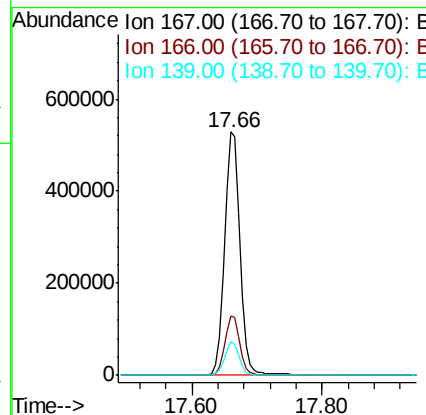
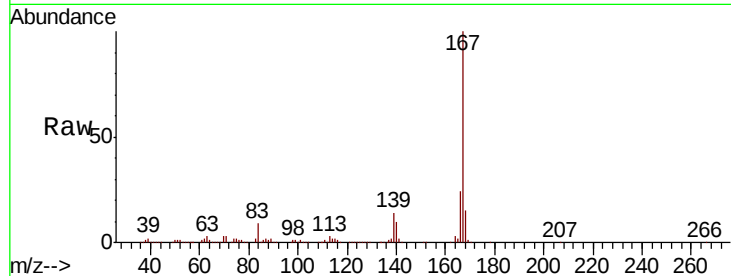
ClientSampleId :

HAM-WC-S-SB-010203MS

Tot Ion:	167	Resp:	867495
Ion Ratio	Lower	Upper	
167	100		
166	24.3	19.7	29.5
139	13.7	10.6	15.8

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#74

Di-n-butylphthalate

Concen: 44.608 ng

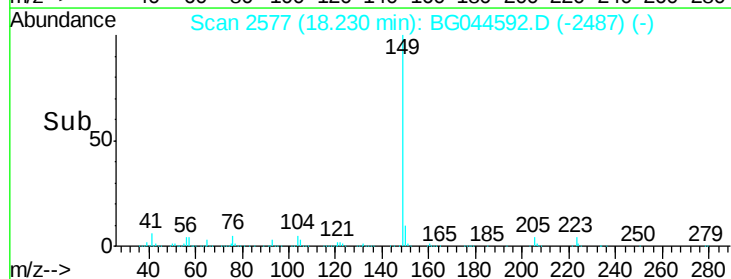
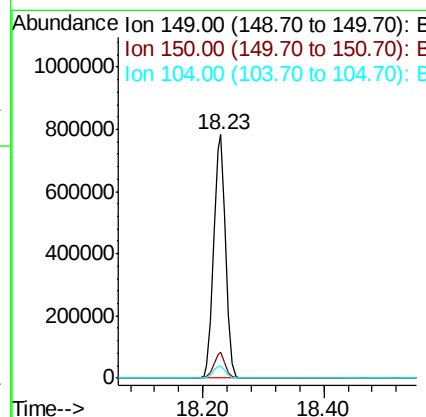
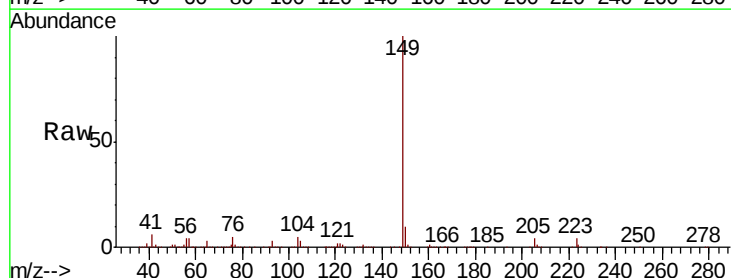
RT: 18.23 min Scan# 2577

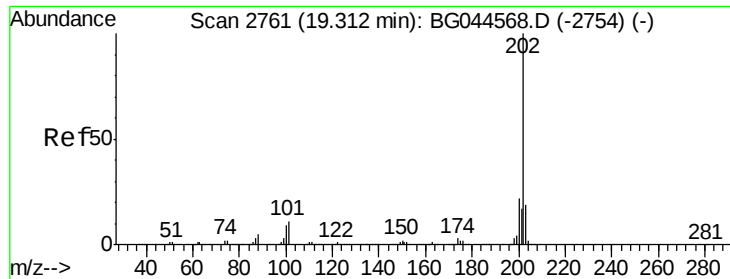
Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Tgt Ion:	149	Resp:	1068200
Ion Ratio	Lower	Upper	
149	100		
150	10.5	7.8	11.8
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 44.934 ng

RT: 19.31 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

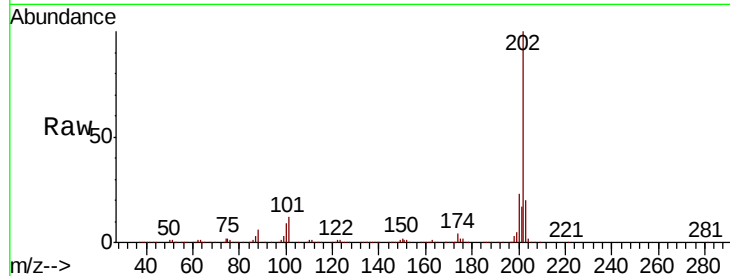
ClientSampleId :

HAM-WC-S-SB-010203MS

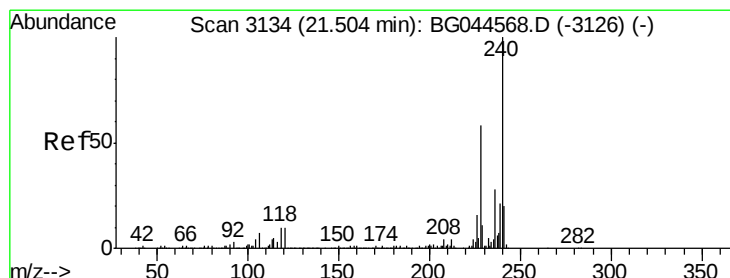
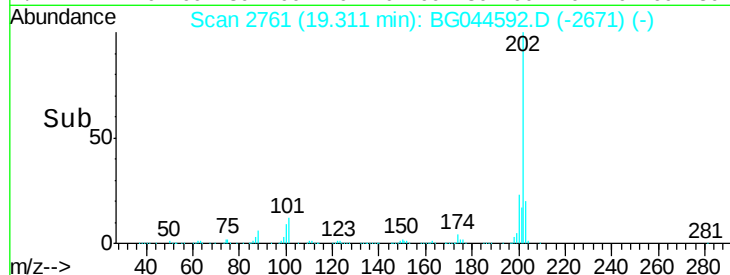
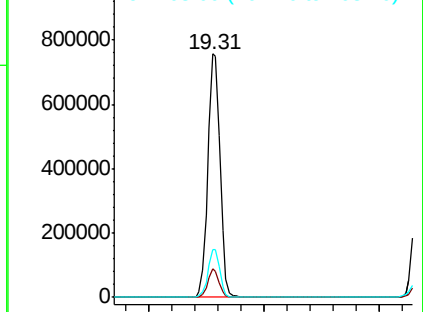
Tot Ion:	202	Resp:	1133193
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.0
203	19.6	0.0	39.2

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

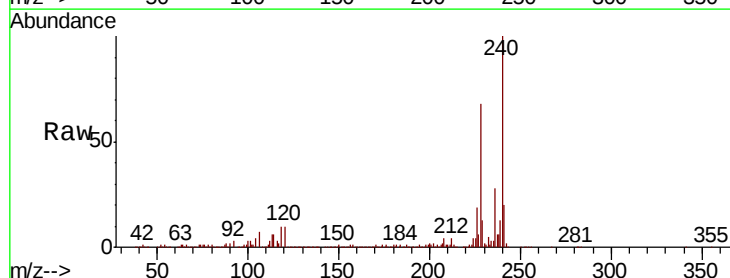
RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

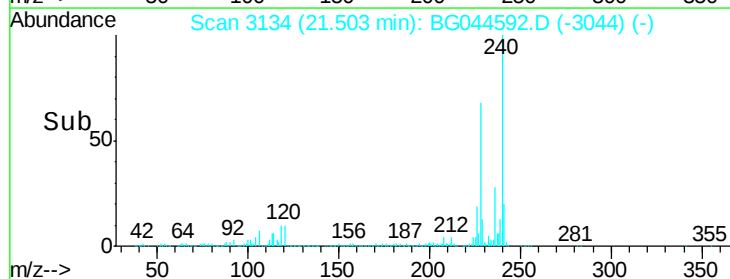
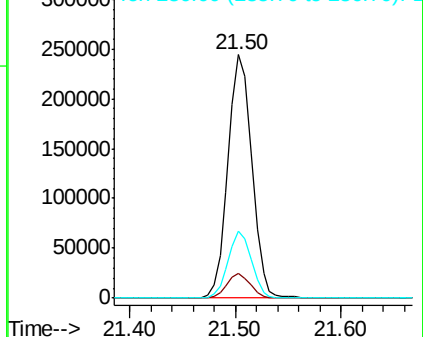
Lab File: BG044592.D

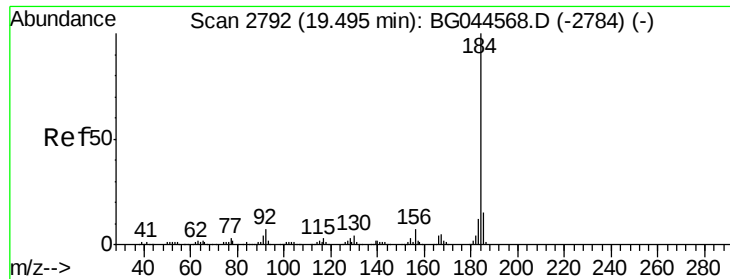
Acq: 26 Feb 2020 1:12

Tgt Ion:	240	Resp:	382403
Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	27.5	22.3	33.5



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





#77

Benzidine

Concen: 9.699 ng

RT: 19.51 min Scan# 2794

Delta R.T. 0.01 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

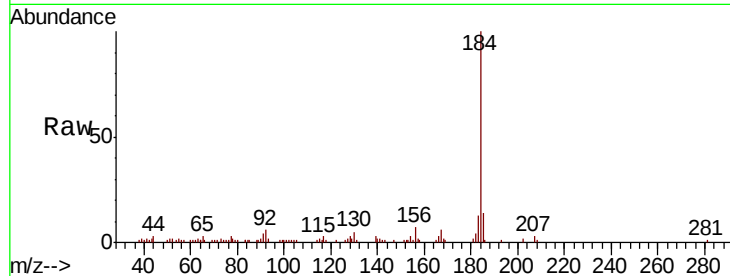
ClientSampleId :

HAM-WC-S-SB-010203MS

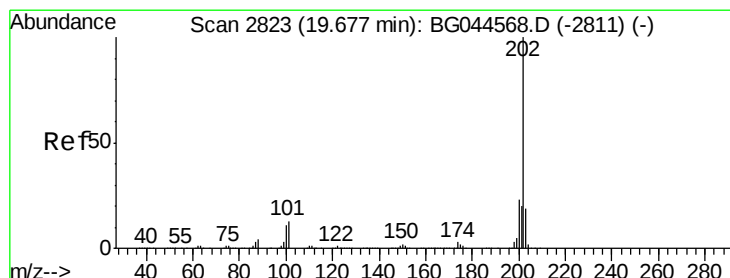
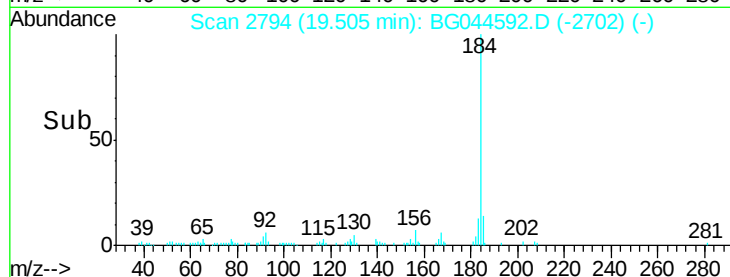
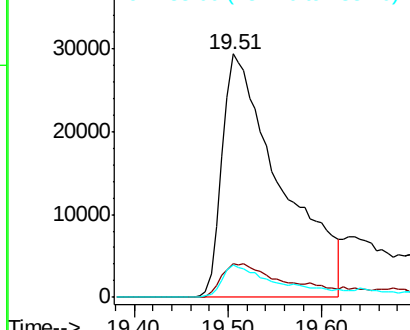
Tot Ion:	184	Resp:	127050
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.2	18.4
183	13.5	9.9	14.9

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.121 ng

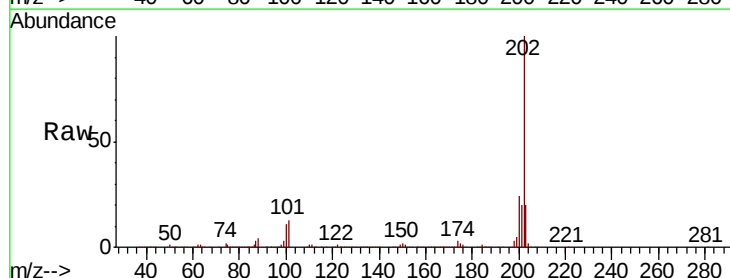
RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

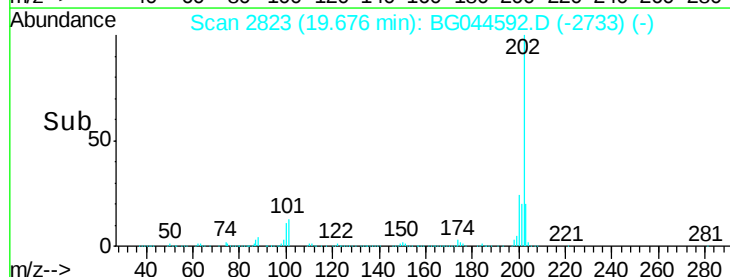
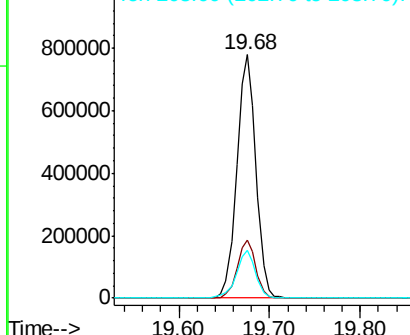
Lab File: BG044592.D

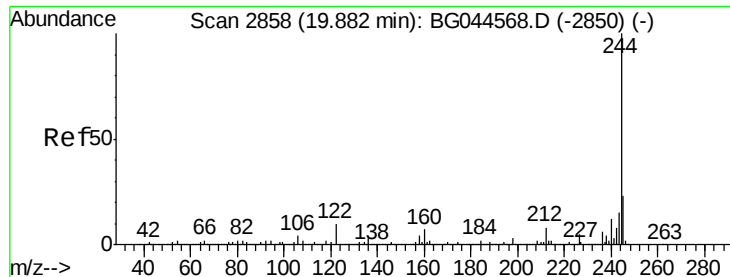
Acq: 26 Feb 2020 1:12

Tgt Ion:	202	Resp:	1141489
Ion Ratio	Lower	Upper	
202	100		
200	23.8	18.6	28.0
203	19.7	15.3	22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.783 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-010203MS

Tot Ion:244 Resp: 1672224

Ion Ratio Lower Upper

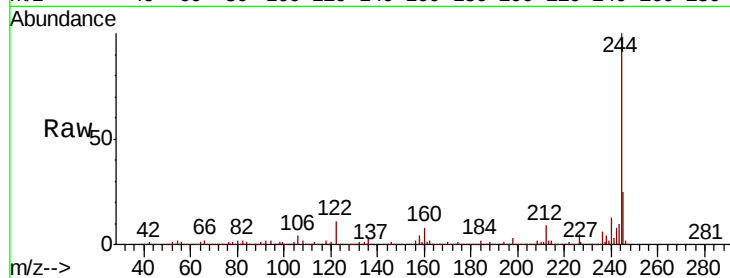
244 100

212 8.7 6.5 9.7

122 11.1 8.2 12.4

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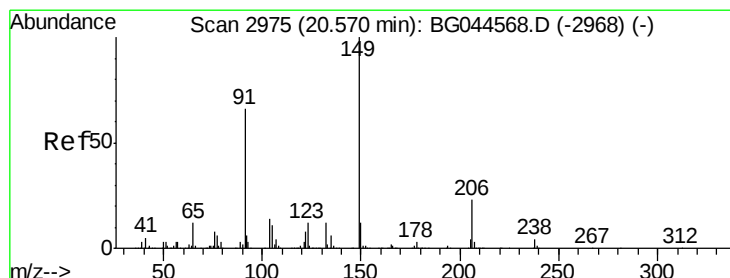
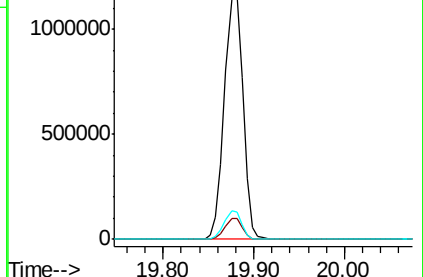
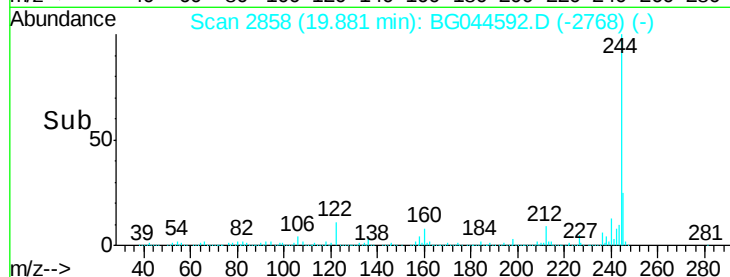
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.691 ng

RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

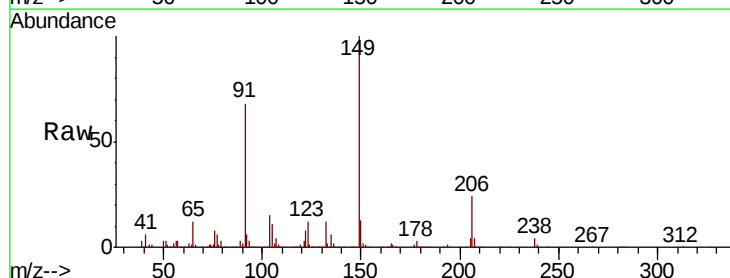
Tgt Ion:149 Resp: 494082

Ion Ratio Lower Upper

149 100

91 67.6 52.7 79.1

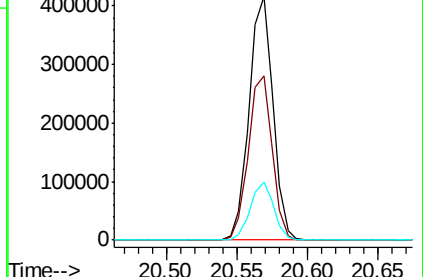
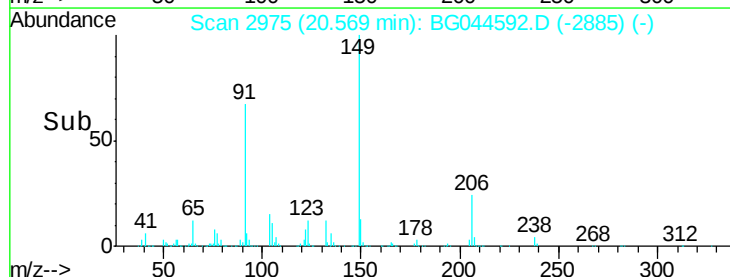
206 23.8 18.6 28.0

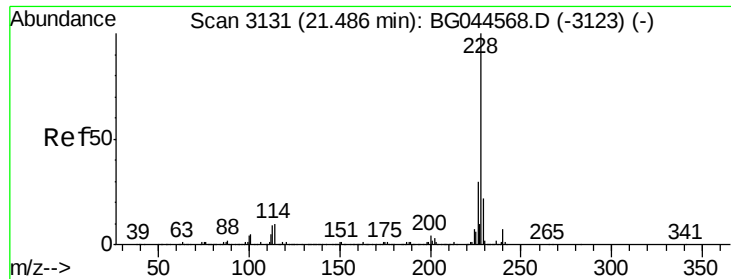


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E





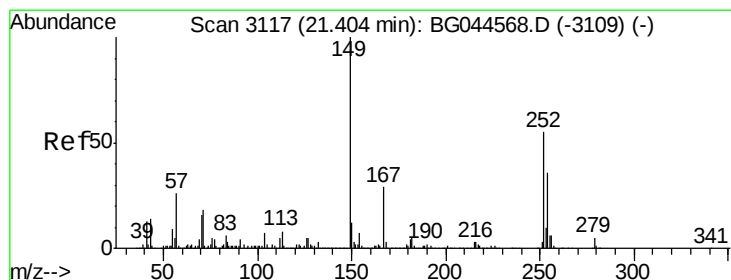
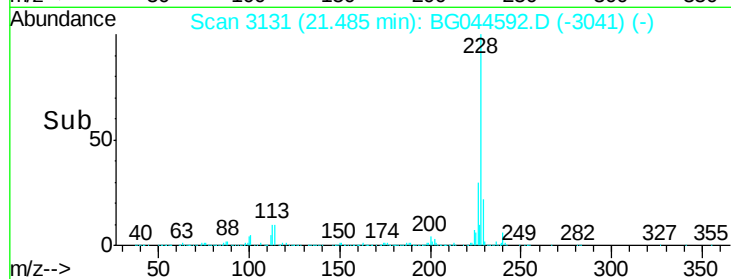
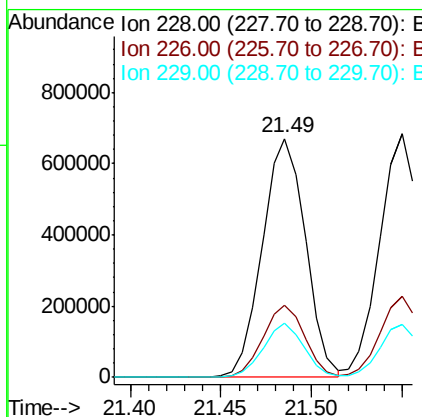
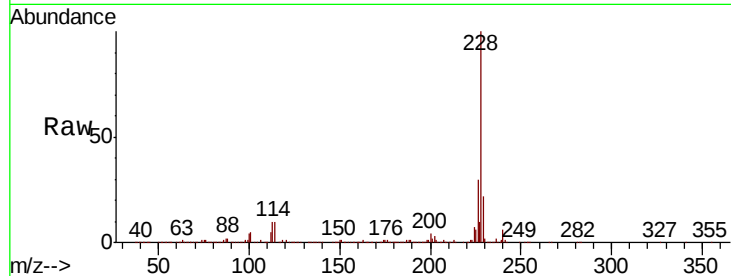
#81
Benzo(a)anthracene
Concen: 41.282 ng
RT: 21.49 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	22.5	17.2	25.8

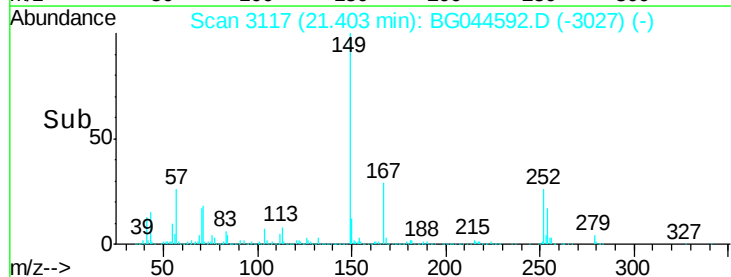
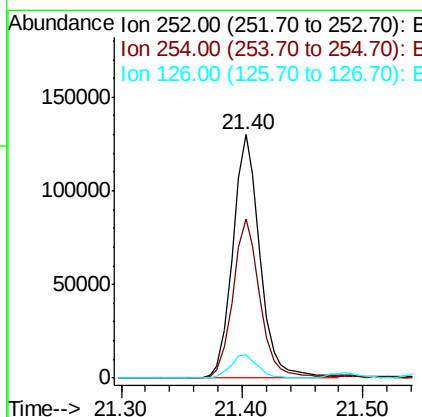
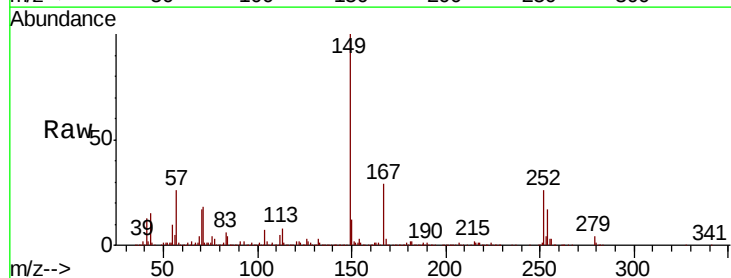
Manual Integrations
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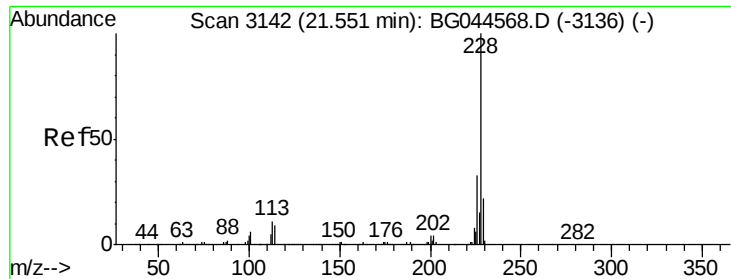
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 19.223 ng
RT: 21.40 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.5	77.3
126	9.8	7.8	11.6





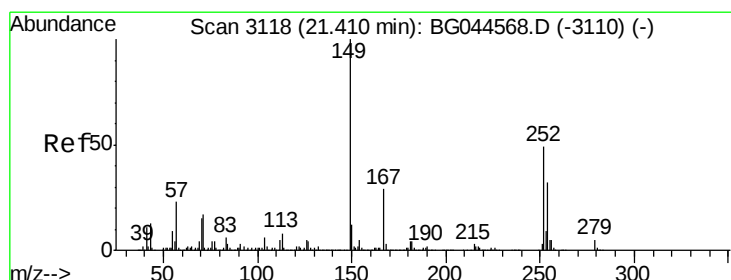
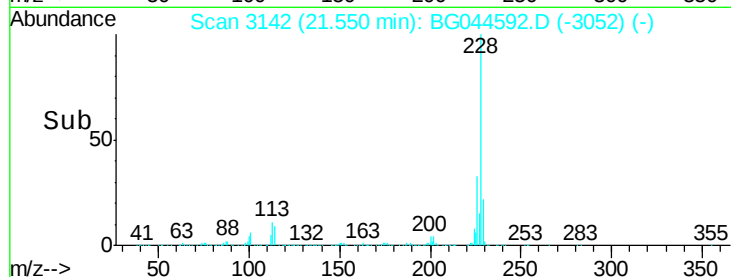
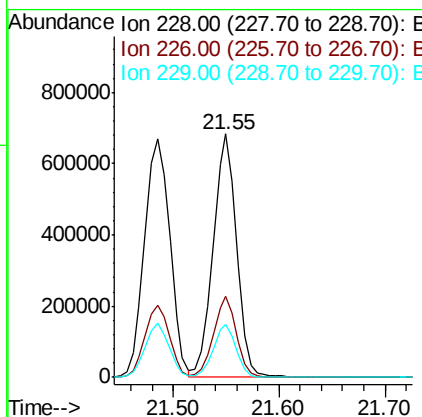
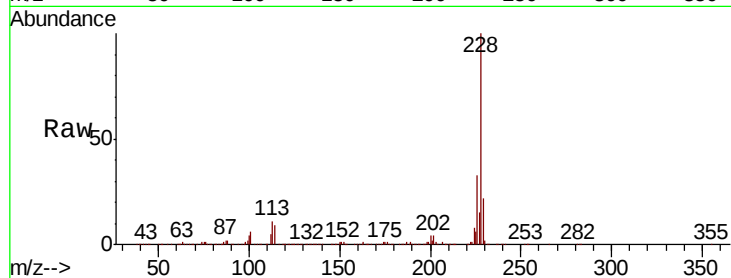
#83
Chrysene
Concen: 40.889 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion:228 Resp: 1062542
Ion Ratio Lower Upper
228 100
226 33.4 26.1 39.1
229 21.9 17.2 25.8

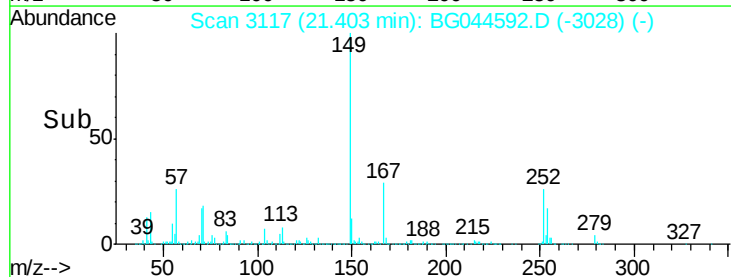
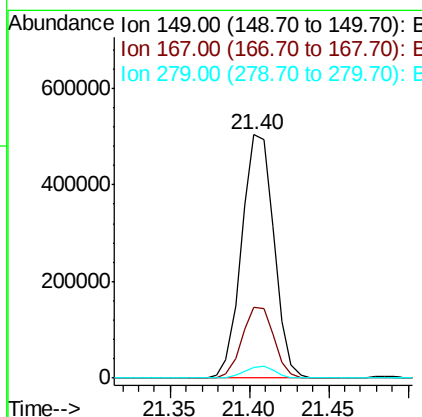
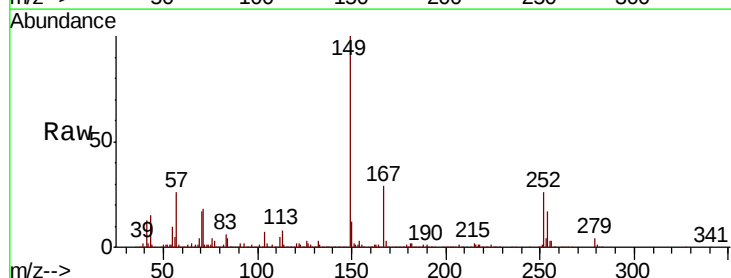
Manual Integrations
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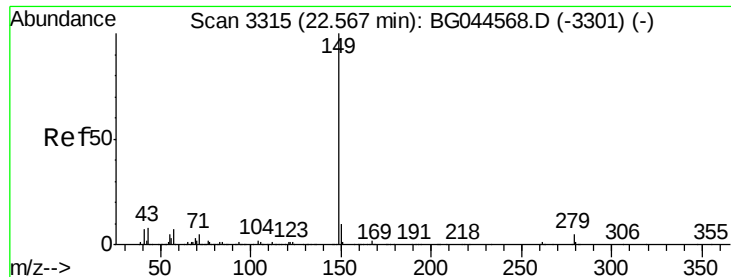
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.506 ng
RT: 21.40 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion:149 Resp: 711151
Ion Ratio Lower Upper
149 100
167 29.3 23.4 35.0
279 4.5 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 41.936 ng

RT: 22.56 min Scan# 3314

Delta R.T. -0.01 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

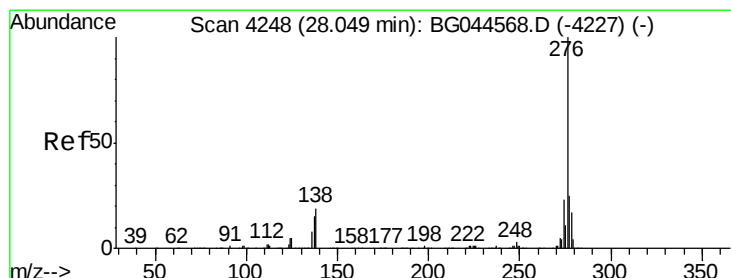
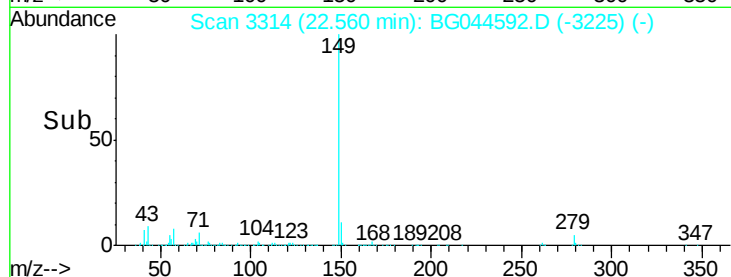
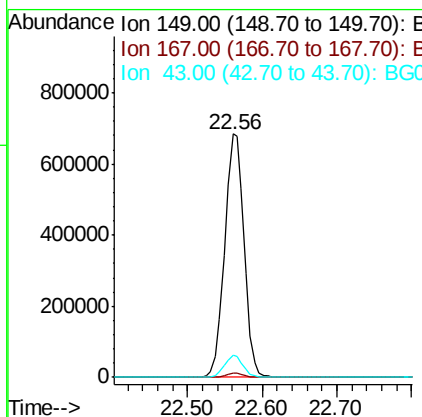
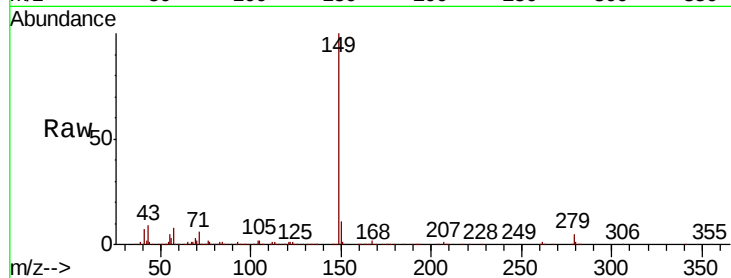
ClientSampleId :

HAM-WC-S-SB-010203MS

Tot Ion:	149	Resp:	1234423
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.7	6.6	10.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.601 ng

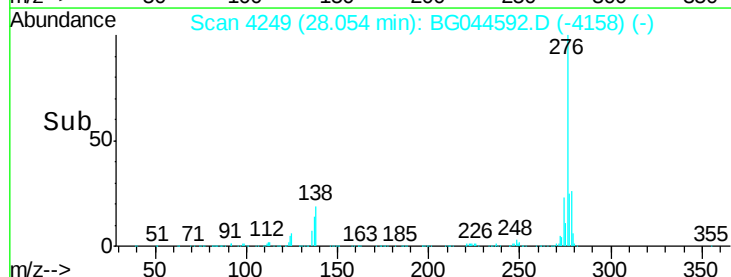
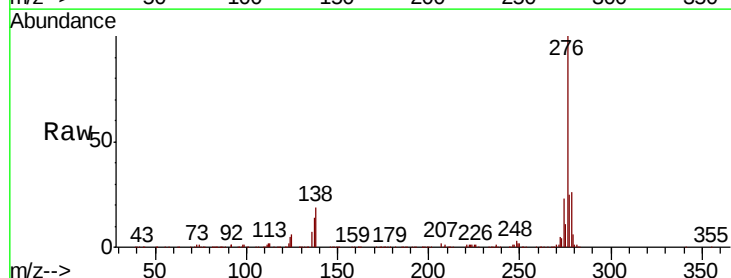
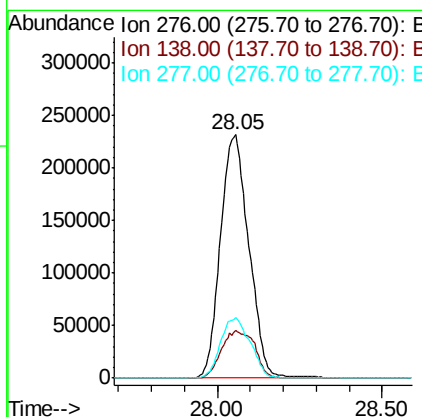
RT: 28.05 min Scan# 4249

Delta R.T. 0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Tgt Ion:	276	Resp:	1387337
Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.2	27.4
277	25.8	20.7	31.1





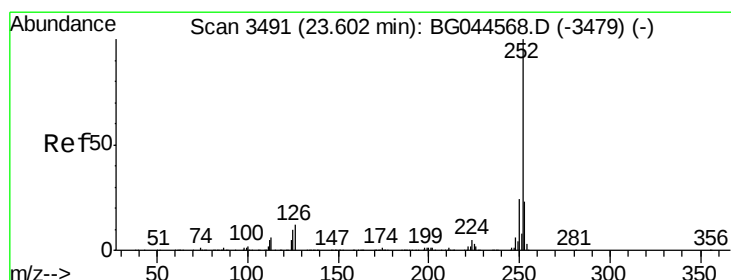
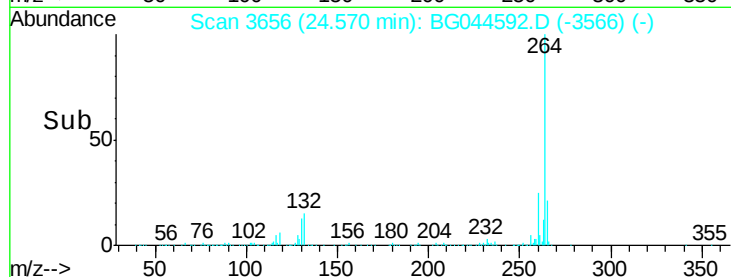
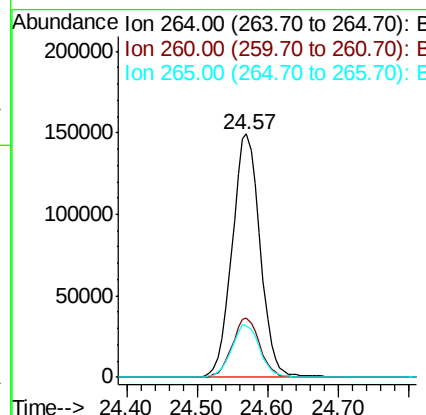
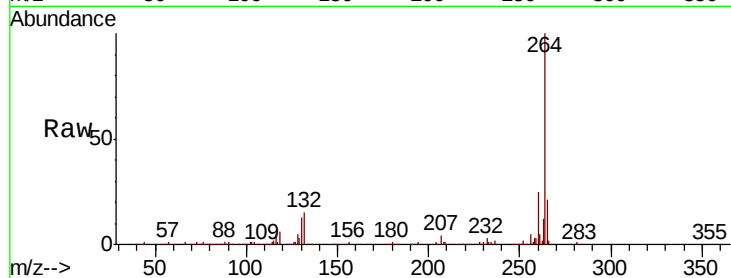
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.3	17.8	26.8

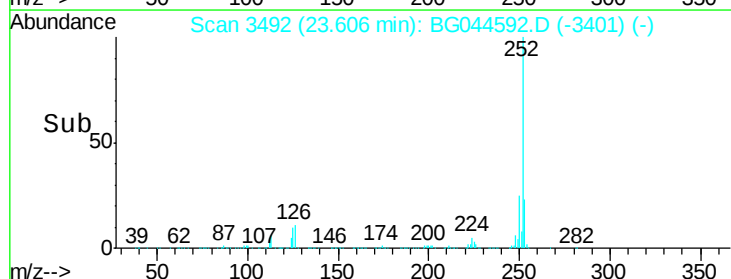
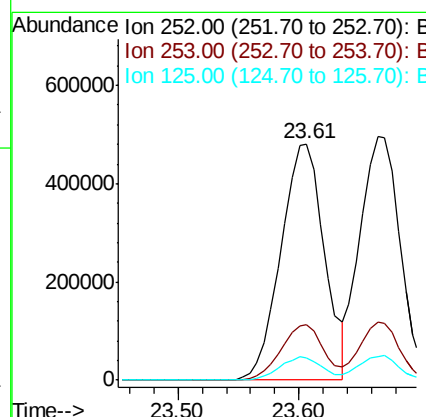
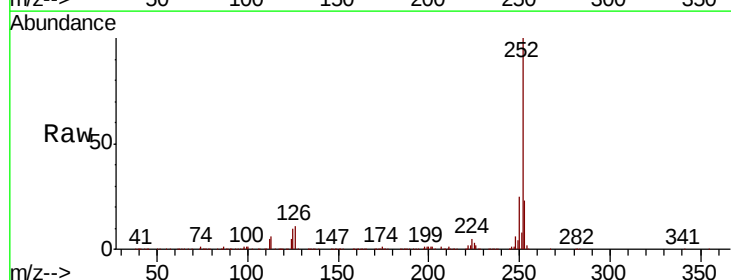
Manual Integrations
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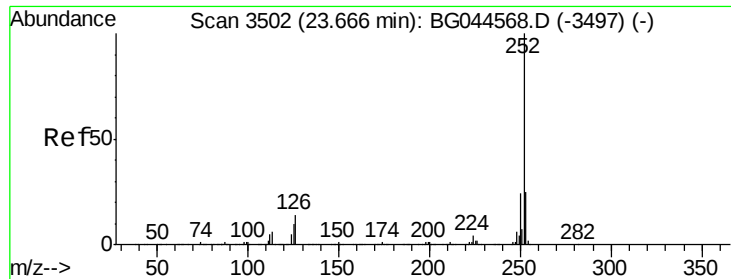
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.346 ng
RT: 23.61 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	9.6	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 44.013 ng

RT: 23.66 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-010203MS

Tot Ion:252 Resp: 1152808

Ion Ratio Lower Upper

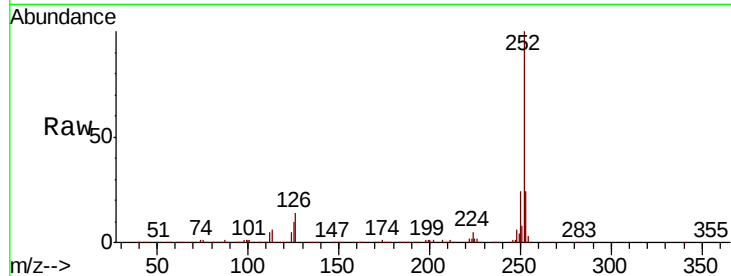
252 100

253 23.6 19.0 28.6

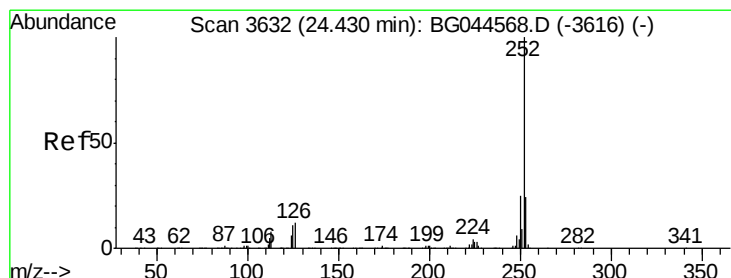
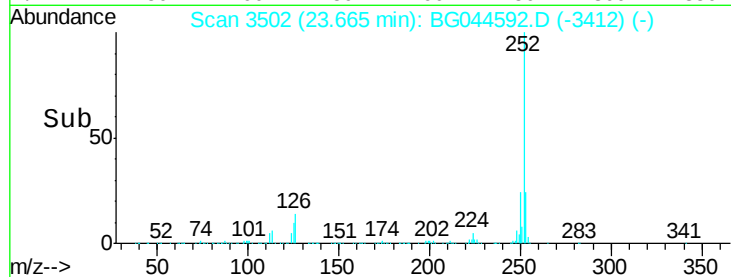
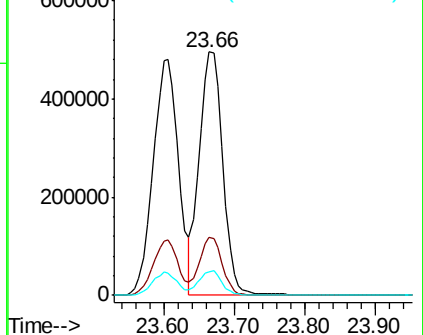
125 9.6 7.8 11.8

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.619 ng

RT: 24.43 min Scan# 3632

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

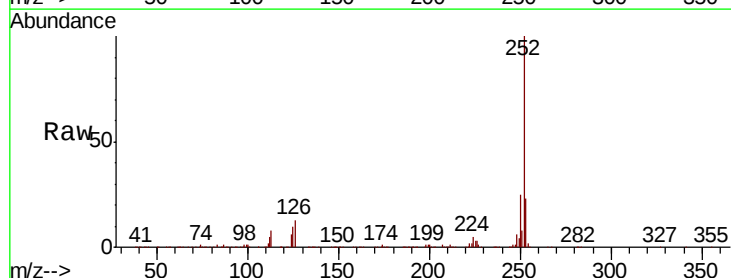
Tgt Ion:252 Resp: 1080948

Ion Ratio Lower Upper

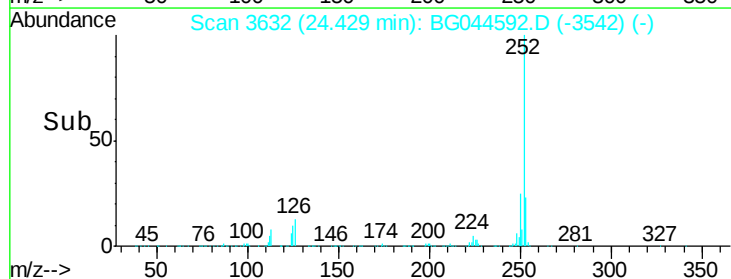
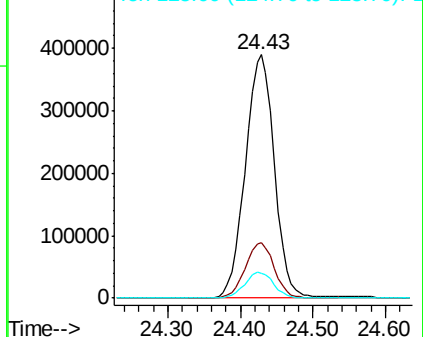
252 100

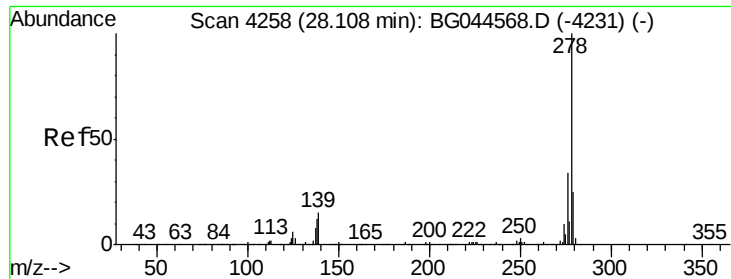
253 22.8 19.0 28.4

125 10.2 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





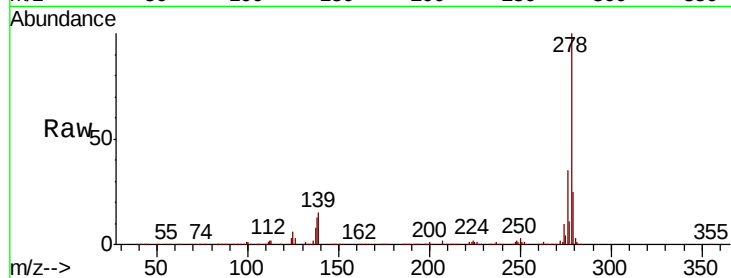
#91
Dibenzo(a,h)anthracene
Concen: 45.598 ng
RT: 28.11 min Scan# 4258
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MS

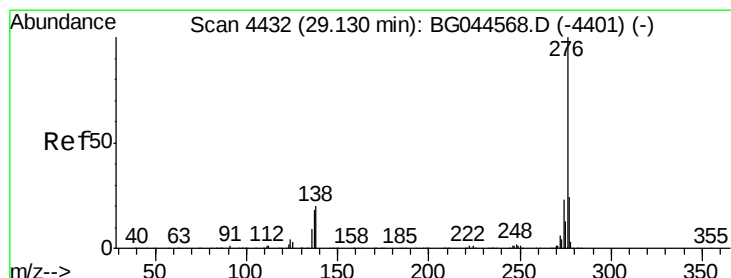
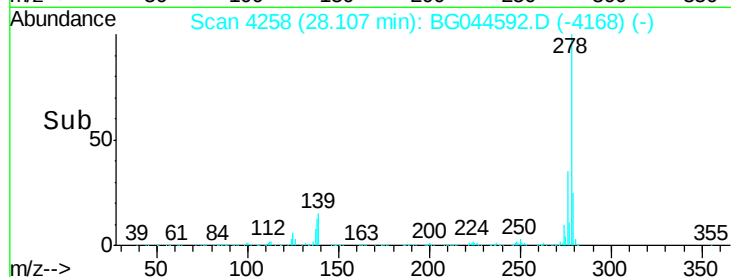
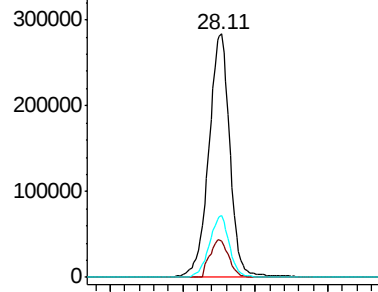
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.7	17.5
279	25.3	19.8	29.6

Manual Integrations
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mohammad
2/27/2020 5:03:10 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.911 ng
RT: 29.14 min Scan# 4433
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.5	29.3
138	18.9	16.1	24.1

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

