

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
 Data File : BG044402.D
 Acq On : 11 Feb 2020 23:49
 Operator : CG/JU
 Sample : L1438-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-BCMSD

Manual Integrations
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Quant Time: Feb 12 03:44:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	73755	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	311948	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	213714	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	499901	20.00	ng	0.00
76) Chrysene-d12	21.54	240	468587	20.00	ng	0.00
87) Perylene-d12	24.62	264	498512	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	623364	149.16	ng	0.00
7) Phenol-d6	7.08	99	778037	138.64	ng	0.00
23) Nitrobenzene-d5	9.06	82	530278	95.97	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	386658	154.12	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1212116	94.98	ng	0.00
79) Terphenyl-d14	19.90	244	1973615	86.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	78150	41.621	ng	# 56
3) Pyridine	3.78	79	185161	37.014	ng	99
4) n-Nitrosodimethylamine	3.68	42	101045	48.338	ng	98
6) Aniline	7.22	93	150178	21.559	ng	99
8) 2-Chlorophenol	7.47	128	259423	56.482	ng	98
9) Benzaldehyde	7.04	77	94099	29.441	ng	98
10) Phenol	7.11	94	287230	51.716	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	236081	49.720	ng	98
12) 1,3-Dichlorobenzene	7.79	146	260602	47.522	ng	97
13) 1,4-Dichlorobenzene	7.94	146	262337	48.300	ng	99
14) 1,2-Dichlorobenzene	8.26	146	248725	48.449	ng	100
15) Benzyl Alcohol	8.14	79	213288	53.683	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.43	45	310825	48.365	ng	100
17) 2-Methylphenol	8.35	107	213376	53.847	ng	98
18) Hexachloroethane	8.99	117	95734	46.971	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	189295	50.612	ng	99
20) 3+4-Methylphenols	8.68	107	293589	53.760	ng	100
22) Acetophenone	8.72	105	359751	47.406	ng	# 98
24) Nitrobenzene	9.10	77	268432	49.763	ng	100
25) Isophorone	9.63	82	530855	51.545	ng	99
26) 2-Nitrophenol	9.82	139	145867	52.114	ng	98
27) 2,4-Dimethylphenol	9.89	122	249543	63.158	ng	99
28) bis(2-Chloroethoxy)methane	10.11	93	331474	48.248	ng	98
29) 2,4-Dichlorophenol	10.36	162	258379	54.082	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	257237	46.957	ng	99
31) Naphthalene	10.76	128	758934	50.145	ng	100
32) Benzoic acid	10.04	122	83063	36.665	ng	92
33) 4-Chloroaniline	10.87	127	29923	4.347	ng	99
34) Hexachlorobutadiene	11.05	225	151765	45.023	ng	98
35) Caprolactam	11.63	113	86699m	49.539	ng	
36) 4-Chloro-3-methylphenol	12.00	107	277747	55.449	ng	100
37) 2-Methylnaphthalene	12.37	142	573441	51.031	ng	99
38) 1-Methylnaphthalene	12.58	142	546244	51.560	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	287568	44.982	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	251506	81.991	nq	100
43) 2,4,6-Trichlorophenol	12.98	196	212616	51.453	nq	99
44) 2,4,5-Trichlorophenol	13.05	196	233379	55.295	nq	99
46) 1,1'-Biphenyl	13.38	154	738506	47.907	nq	100
47) 2-Chloronaphthalene	13.42	162	578574	47.166	nq	100
48) 2-Nitroaniline	13.62	65	178410	49.282	nq	99
49) Acenaphthylene	14.26	152	924666	51.393	nq	100
50) Dimethylphthalate	14.00	163	788593	51.333	nq	99
51) 2,6-Dinitrotoluene	14.12	165	176462	51.517	nq	99
52) Acenaphthene	14.61	154	580409	49.769	nq	99
53) 3-Nitroaniline	14.45	138	63947	16.874	nq	100
54) 2,4-Dinitrophenol	14.66	184	126837	64.161	nq	97
55) Dibenzofuran	14.94	168	895410	50.712	nq	99
56) 4-Nitrophenol	14.77	139	302210	108.870	nq	100
57) 2,4-Dinitrotoluene	14.90	165	248457	51.753	nq	98
58) Fluorene	15.59	166	714216	51.357	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	211942	55.594	nq	98
60) Diethylphthalate	15.37	149	781105	51.028	nq	98
61) 4-Chlorophenyl-phenylether	15.58	204	379437	50.320	nq	100
62) 4-Nitroaniline	15.61	138	180509	47.670	nq	98
63) Azobenzene	15.88	77	704101	52.482	nq	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	128291	46.492	nq	98
66) n-Nitrosodiphenylamine	15.80	169	682638	48.727	nq	99
67) 4-Bromophenyl-phenylether	16.48	248	254970	46.815	nq	97
68) Hexachlorobenzene	16.60	284	280064	45.899	nq	98
69) Atrazine	16.75	200	267832	55.778	nq	98
70) Pentachlorophenol	16.95	266	293117	94.407	nq	98
71) Phenanthrene	17.33	178	1174812	48.532	nq	99
72) Anthracene	17.42	178	1220437	50.995	nq	99
73) Carbazole	17.69	167	1105631	50.113	nq	99
74) Di-n-butylphthalate	18.26	149	1347722	49.431	nq	100
75) Fluoranthene	19.34	202	1401015	50.031	nq	99
77) Benzidine	19.52	184	356877	27.457	nq	98
78) Pyrene	19.70	202	1400465	46.538	nq	99
80) Butylbenzylphthalate	20.59	149	624065	45.507	nq	97
81) Benzo(a)anthracene	21.51	228	1351381	46.794	nq	100
82) 3,3'-Dichlorobenzidine	21.43	252	209446	18.686	nq	98
83) Chrysene	21.58	228	1277809	45.775	nq	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	879897	46.615	nq	99
85) Di-n-octyl phthalate	22.60	149	1538169	47.098	nq	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1687219	46.328	nq	100
88) Benzo(b)fluoranthene	23.65	252	1405900	48.942	nq	100
89) Benzo(k)fluoranthene	23.71	252	1421896	50.787	nq	100
90) Benzo(a)pyrene	24.47	252	1332491	49.061	nq	98
91) Dibenzo(a,h)anthracene	28.18	278	1380009	51.341	nq	99
92) Benzo(g,h,i)perylene	29.21	276	1415123	52.591	nq	98

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

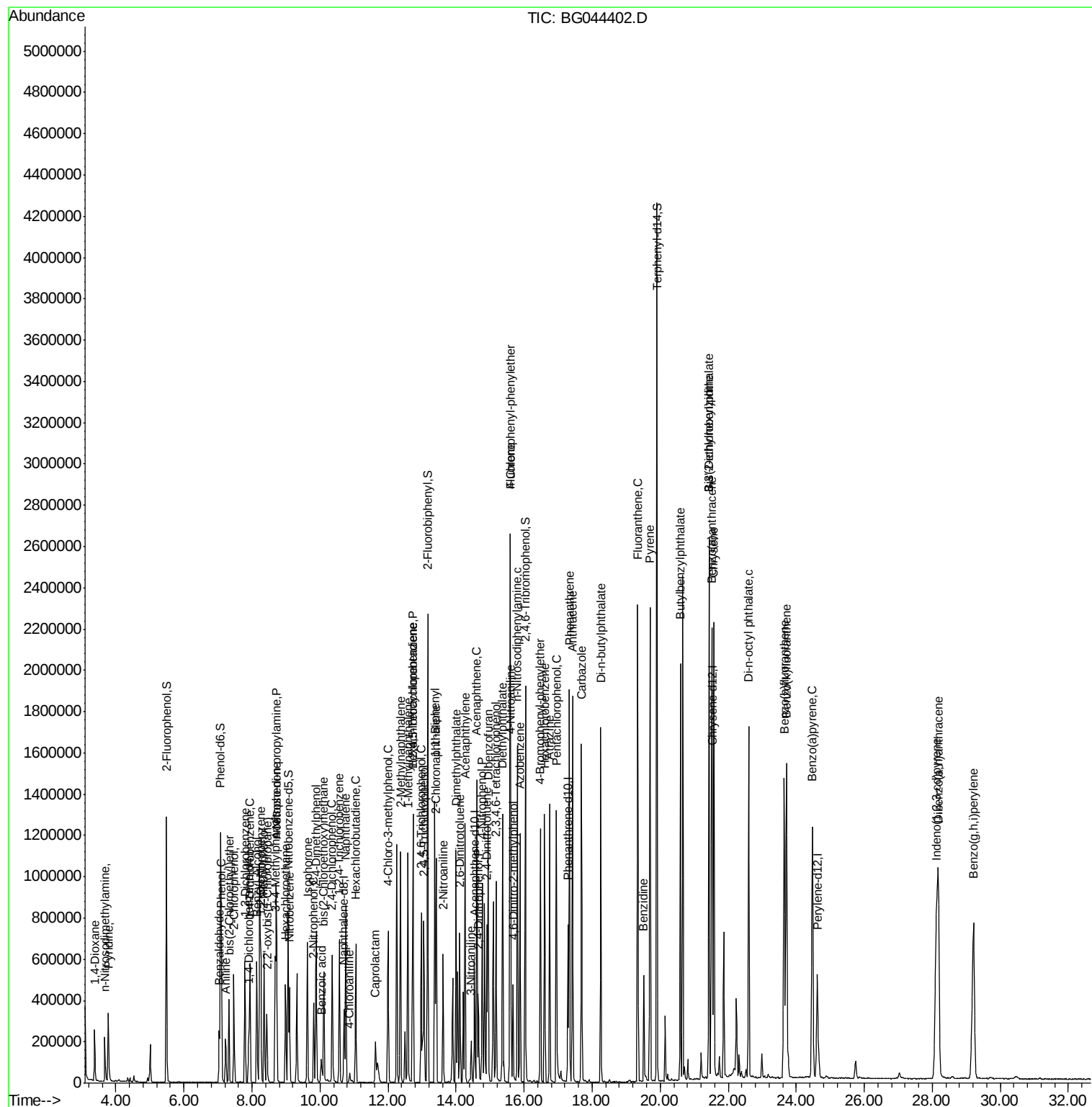
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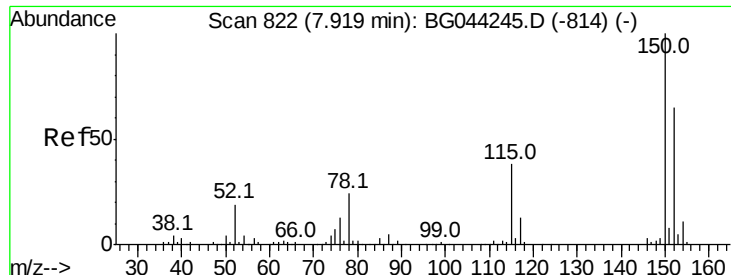
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.91 min Scan# 820

Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMSD

Tot Ion:152 Resp: 73755

Ion Ratio Lower Upper

152 100

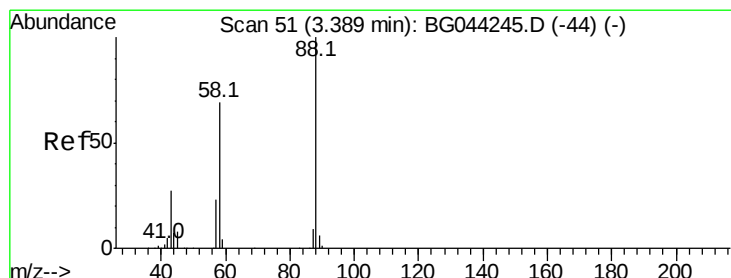
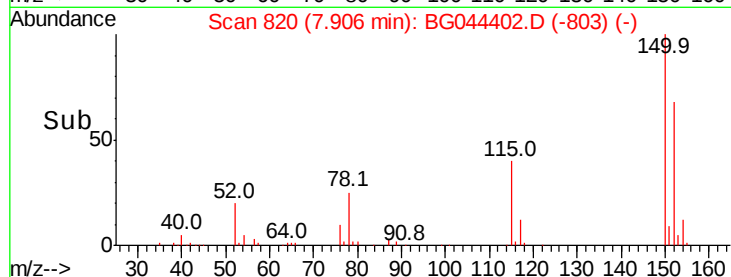
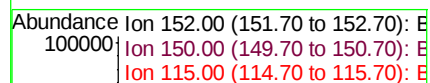
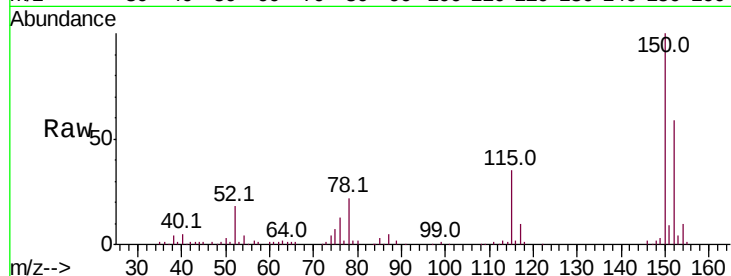
150 168.1 122.6 183.8

115 58.9 46.0 69.0

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#2

1,4-Dioxane

Concen: 41.621 ng

RT: 3.38 min Scan# 49

Delta R.T. 0.01 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

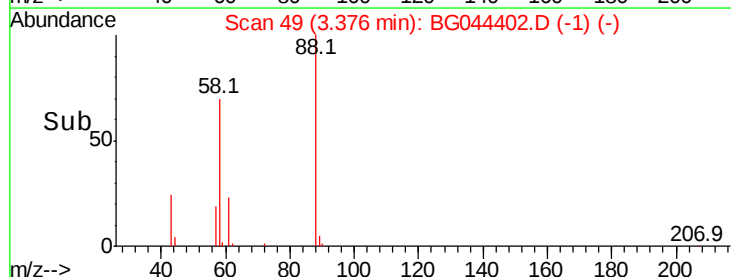
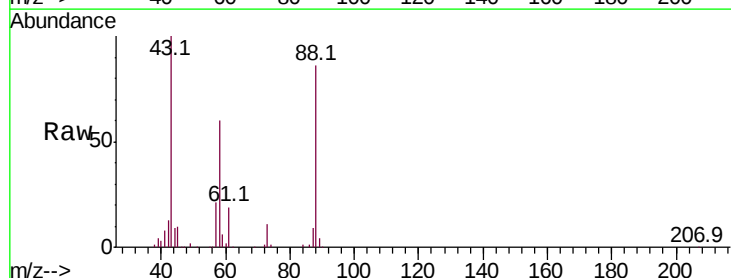
Tgt Ion: 88 Resp: 78150

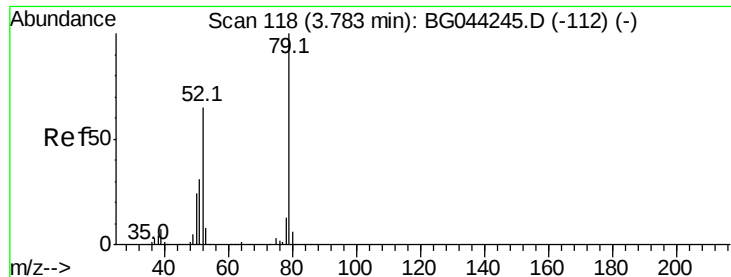
Ion Ratio Lower Upper

88 100

58 70.1 55.8 83.6

43 107.9 21.6 32.4#





#3

Pvridine

Concen: 37.014 ng

RT: 3.78 min Scan# 117

Delta R.T. 0.01 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Instrument :

BNA_G

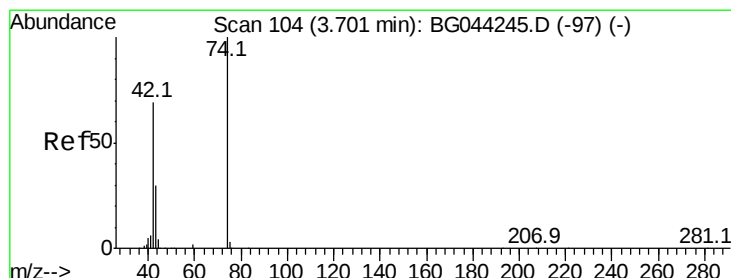
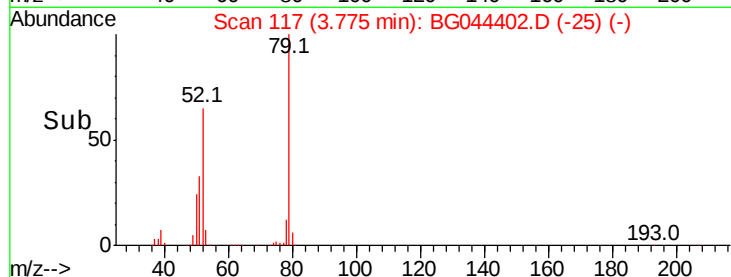
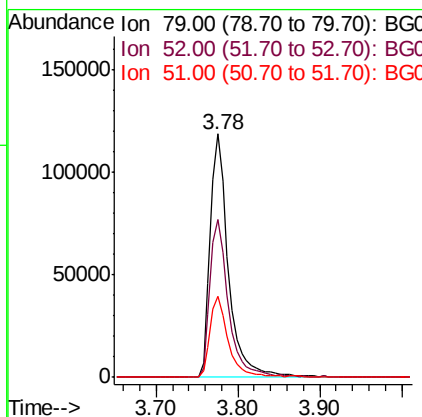
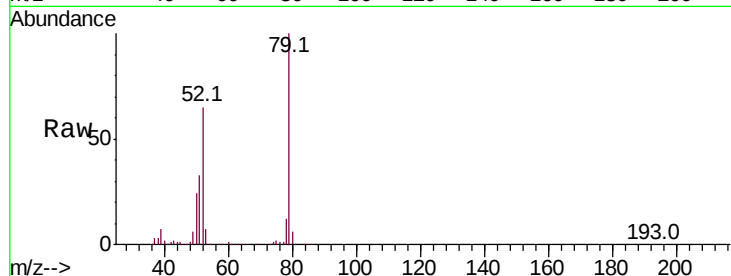
ClientSampleId :

HAM-WC-S-SB-BCMSD

Tot Ion:	79	Resp:	185161
Ion Ratio	Lower	Upper	
79	100		
52	65.1	51.9	77.9
51	33.4	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 48.338 ng

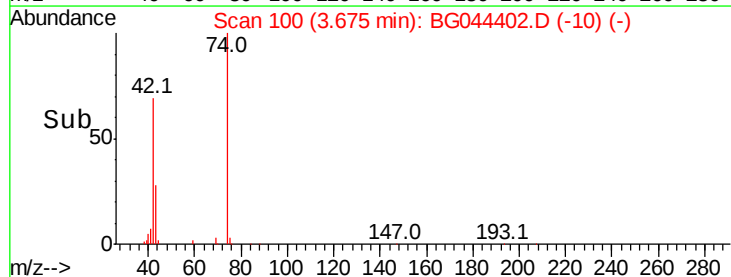
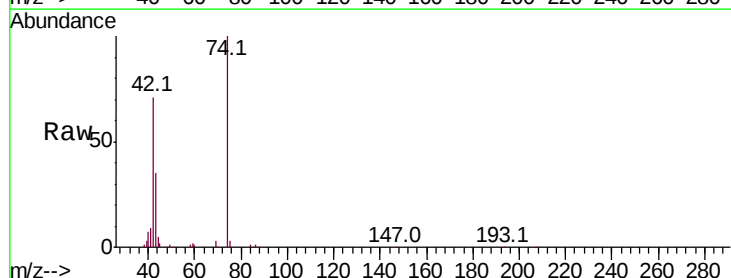
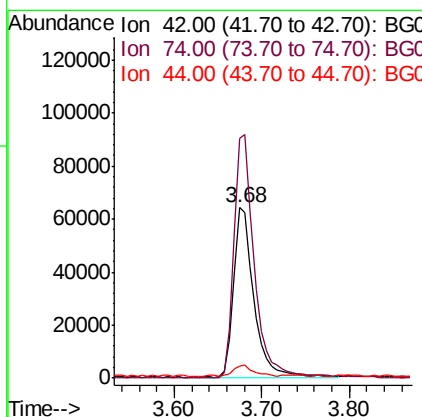
RT: 3.68 min Scan# 100

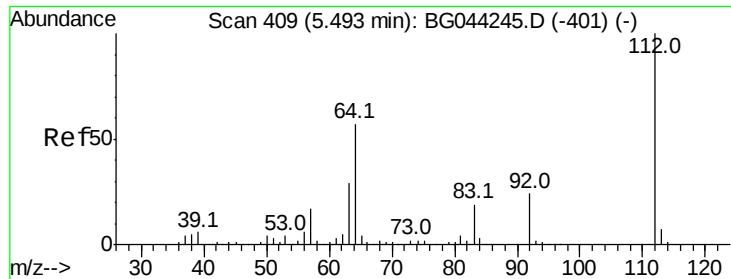
Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Tgt Ion:	42	Resp:	101045
Ion Ratio	Lower	Upper	
42	100		
74	140.7	115.1	172.7
44	7.3	5.6	8.4





#5

2-Fluorophenol

Concen: 149.161 ng

RT: 5.48 min Scan# 408

Delta R.T. 0.01 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Instrument :

BNA_G

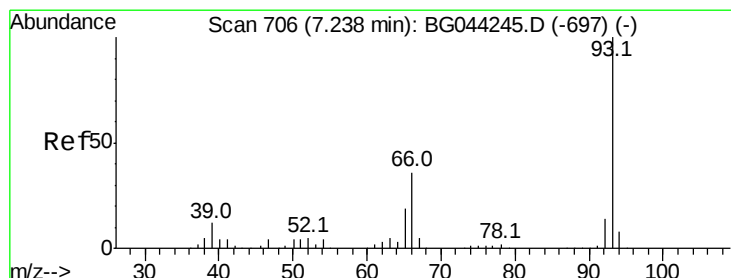
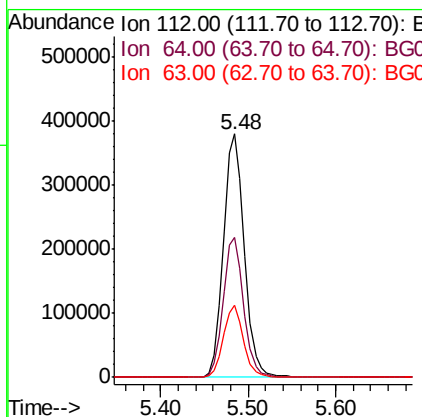
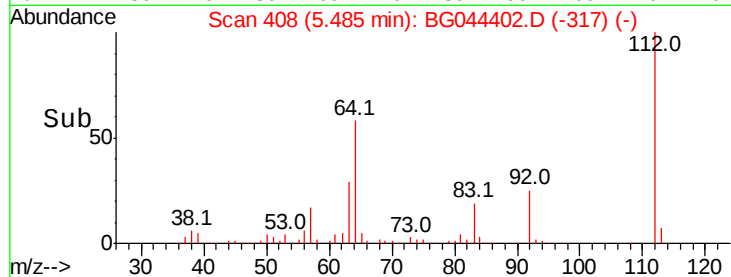
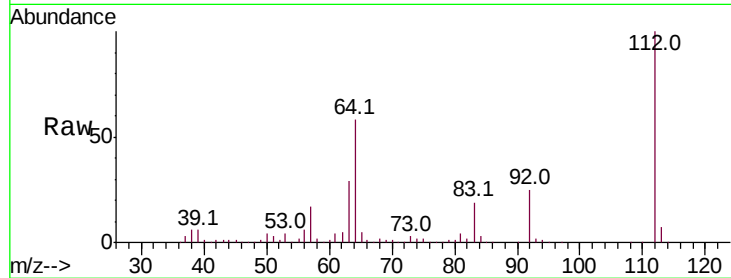
ClientSampleId :

HAM-WC-S-SB-BCMSD

Tot Ion:	112	Resp:	623364
Ion Ratio	Lower	Upper	
112	100		
64	57.7	45.4	68.2
63	29.5	22.9	34.3

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#6

Aniline

Concen: 21.559 ng

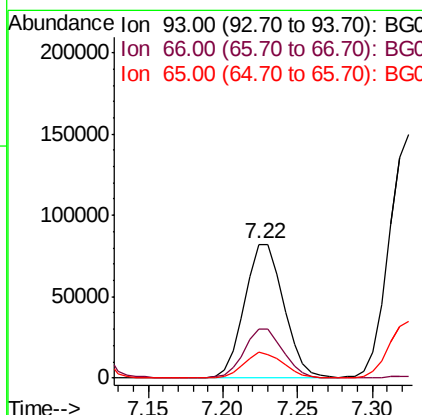
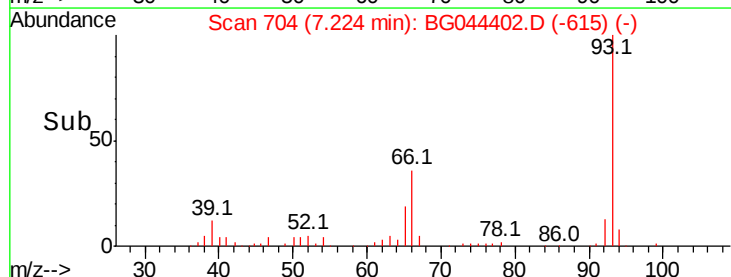
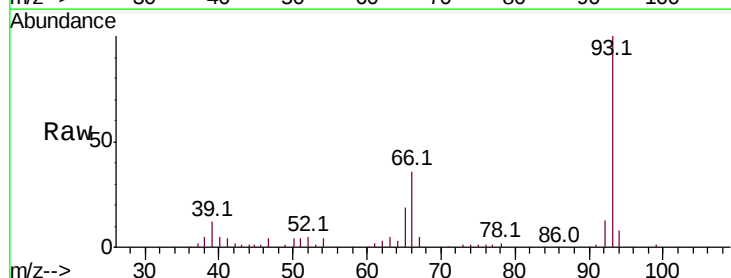
RT: 7.22 min Scan# 704

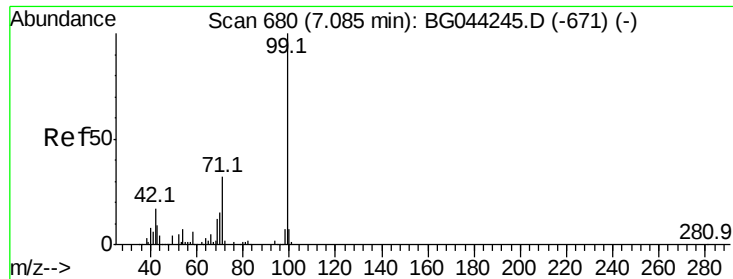
Delta R.T. -0.01 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Tgt Ion:	93	Resp:	150178
Ion Ratio	Lower	Upper	
93	100		
66	36.4	28.7	43.1
65	19.4	15.4	23.0





#7

Phenol-d6

Concen: 138.640 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Instrument :

BNA_G

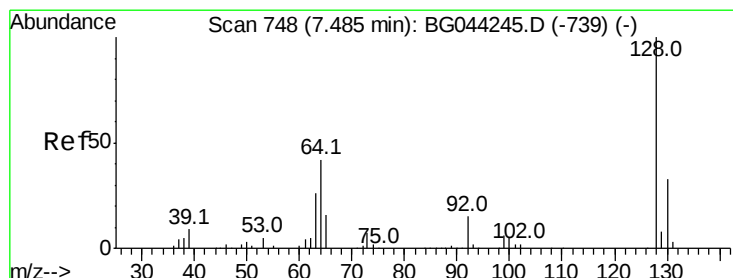
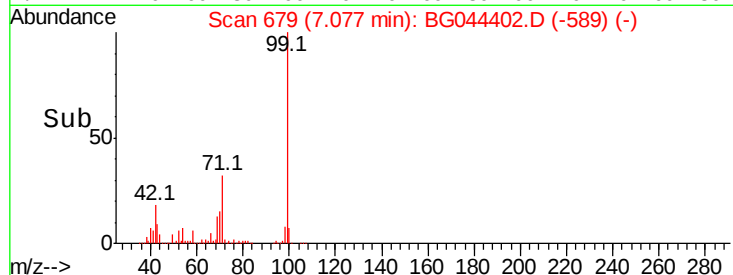
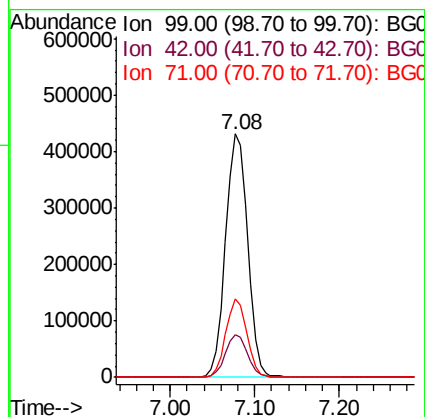
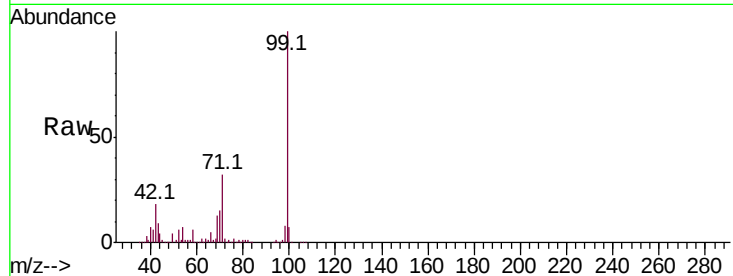
ClientSampleId :

HAM-WC-S-SB-BCMSD

Tot Ion	99	Resp	778037
Ion Ratio	Lower	Upper	
99	100		
42	17.6	13.8	20.6
71	32.1	25.5	38.3

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#8

2-Chlorophenol

Concen: 56.482 ng

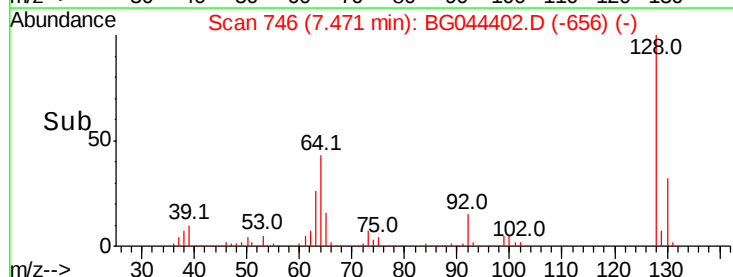
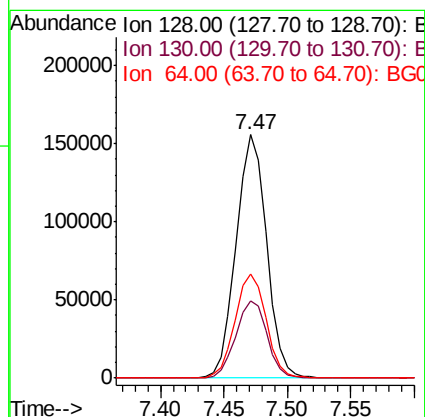
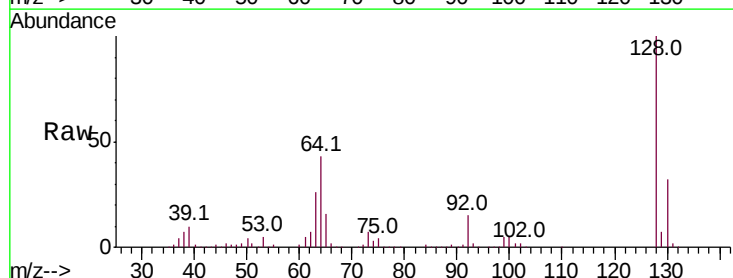
RT: 7.47 min Scan# 746

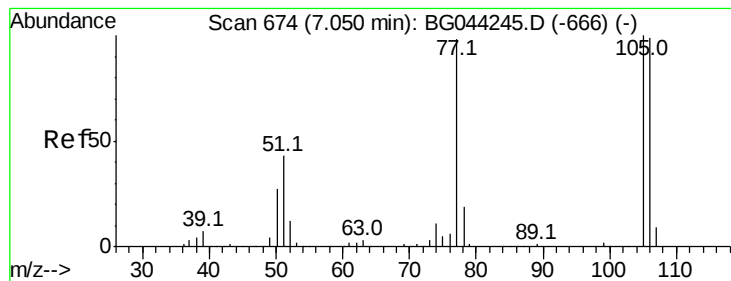
Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Tgt Ion	128	Resp	259423
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.5	52.5
64	43.0	24.2	64.2





#9

Benzaldehyde

Concen: 29.441 ng

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMSD

Tot Ion: 77 Resp: 94099

Ion Ratio Lower Upper

77 100

105 102.6 82.0 122.0

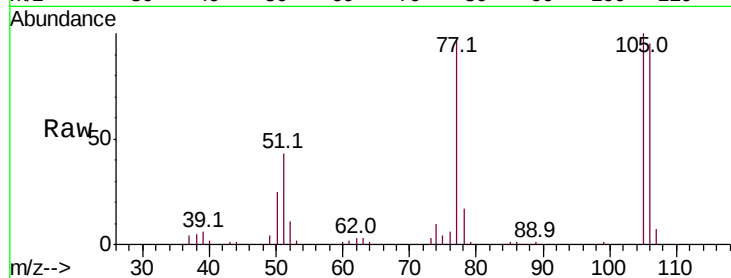
106 97.3 80.7 120.7

Manual Integrations

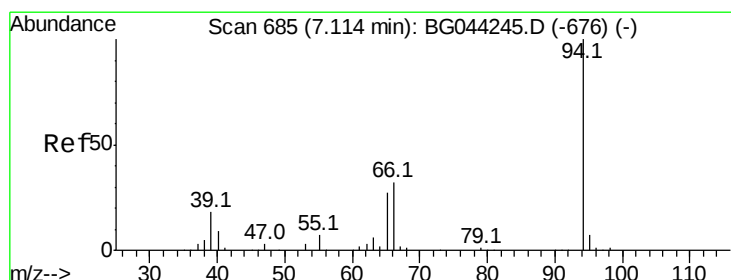
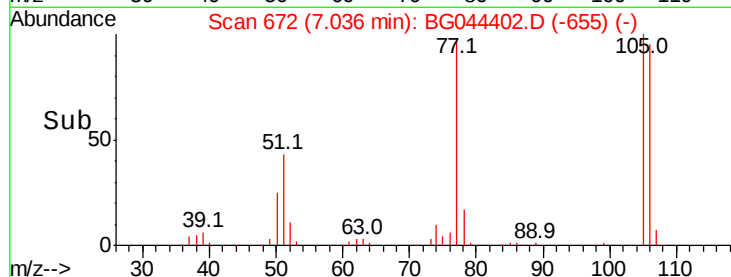
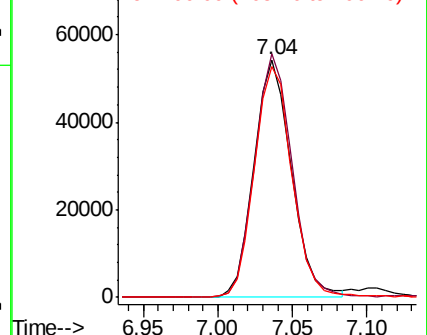
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 51.716 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

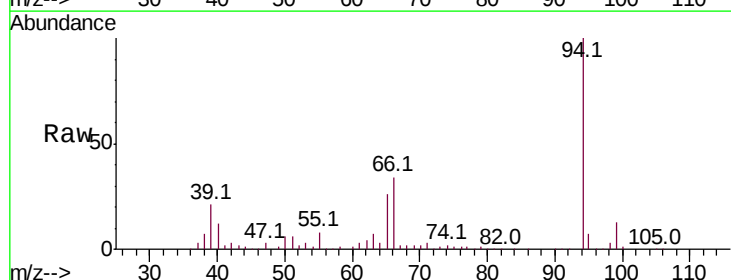
Tgt Ion: 94 Resp: 287230

Ion Ratio Lower Upper

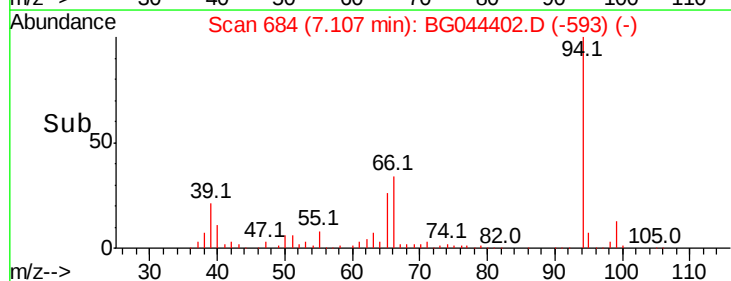
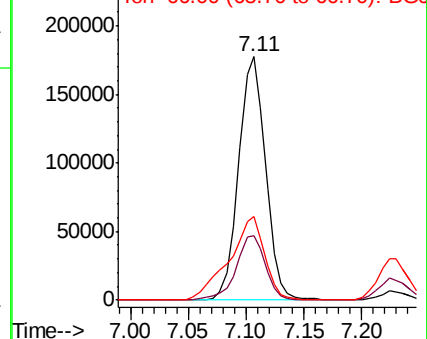
94 100

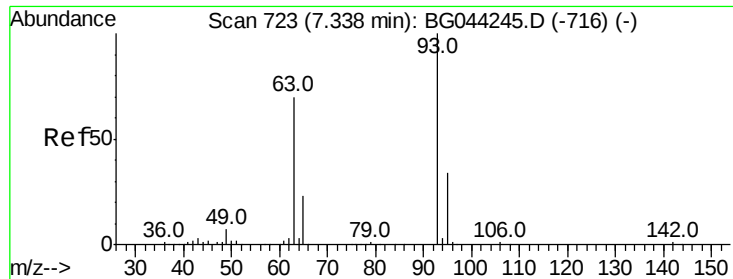
65 26.4 7.0 47.0

66 34.4 12.7 52.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





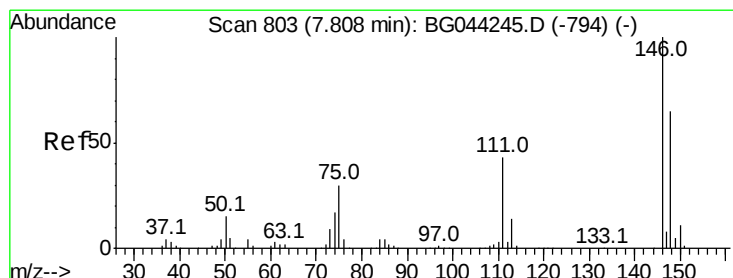
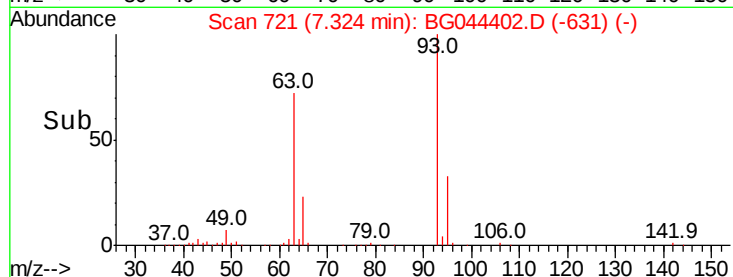
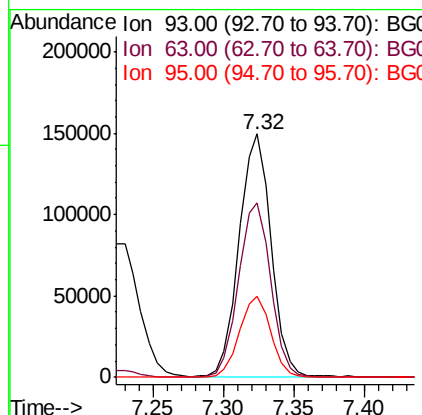
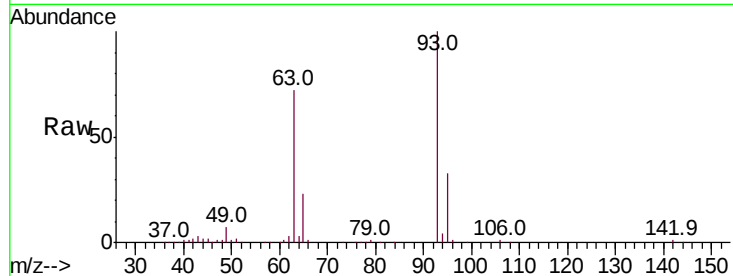
#11
bis(2-Chloroethyl)ether
Concen: 49.720 ng
RT: 7.32 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.5	49.2	89.2
95	33.2	13.6	53.6

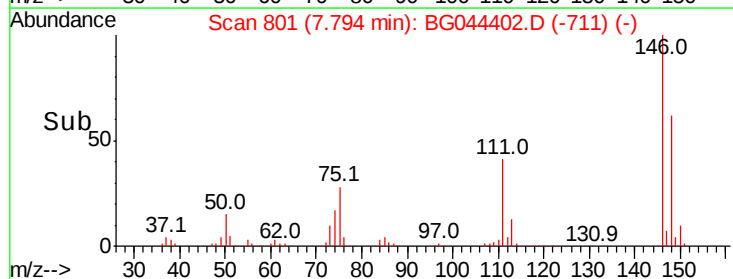
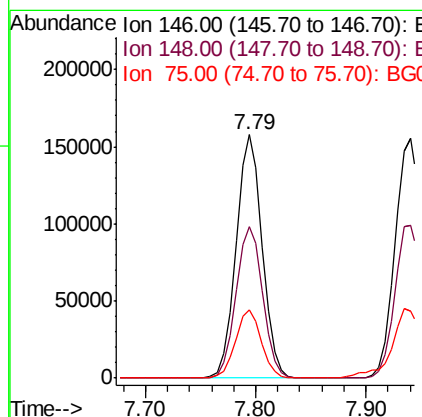
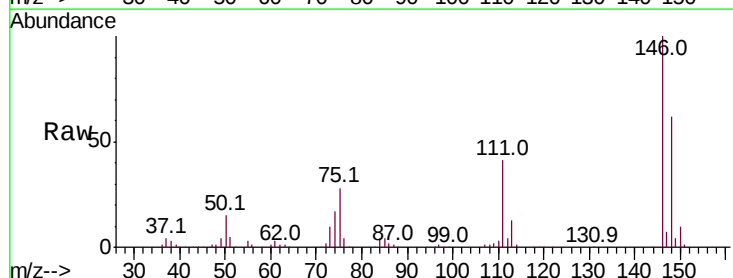
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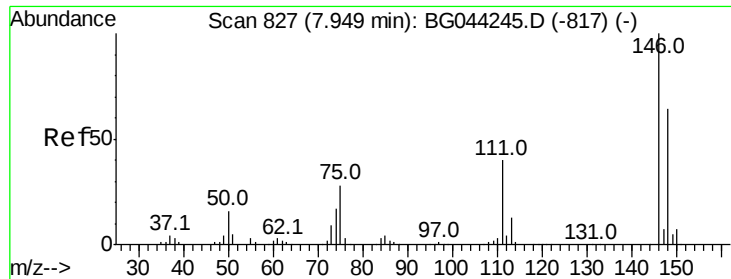
mohammad
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#12
1,3-Dichlorobenzene
Concen: 47.522 ng
RT: 7.79 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.8	77.8
75	28.0	23.7	35.5





#13

1,4-Dichlorobenzene

Concen: 48.300 ng

RT: 7.94 min Scan# 826

Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Instrument :

BNA_G

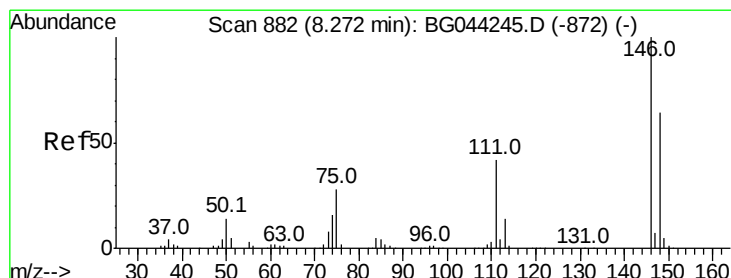
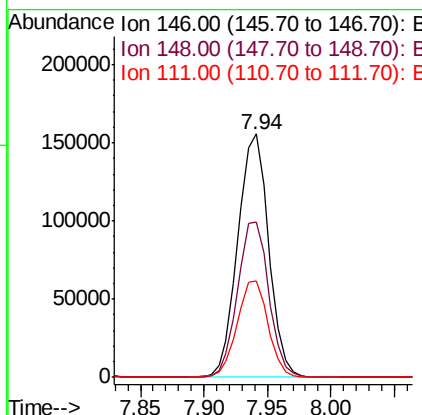
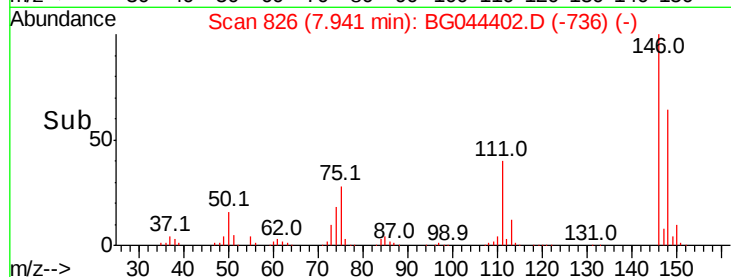
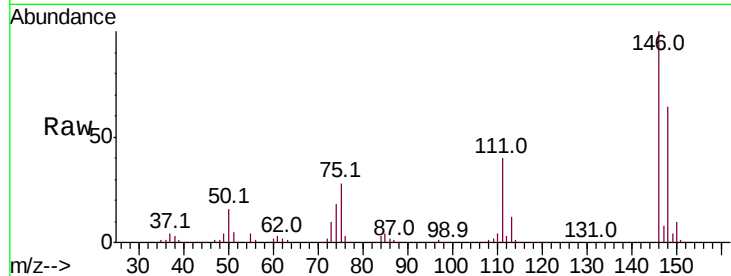
ClientSampleId :

HAM-WC-S-SB-BCMSD

Tot Ion:	146	Resp:	262337
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.4	77.0
111	39.7	31.8	47.8

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#14

1,2-Dichlorobenzene

Concen: 48.449 ng

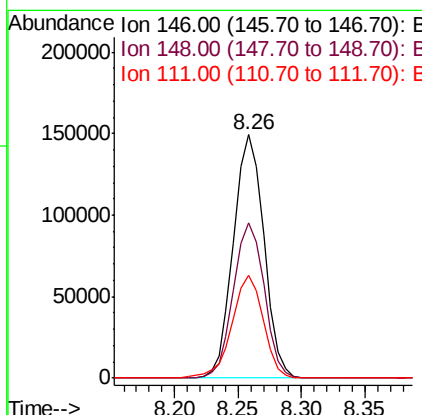
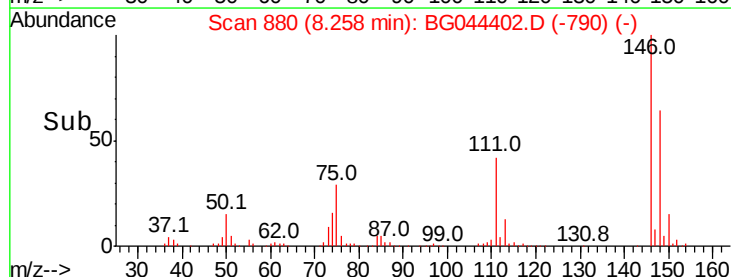
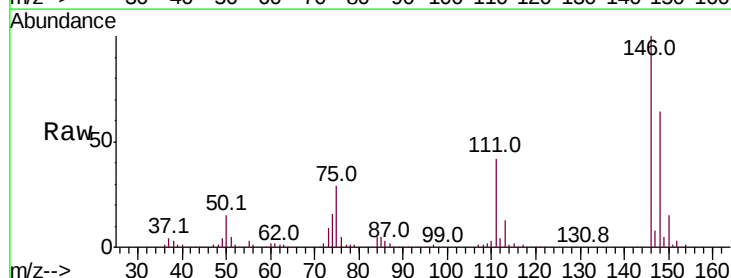
RT: 8.26 min Scan# 880

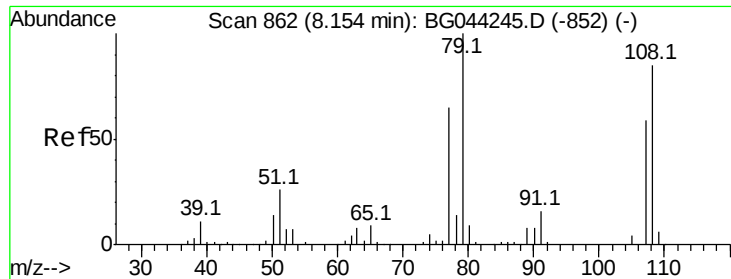
Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Tgt Ion:	146	Resp:	248725
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.2	76.8
111	42.1	34.0	51.0





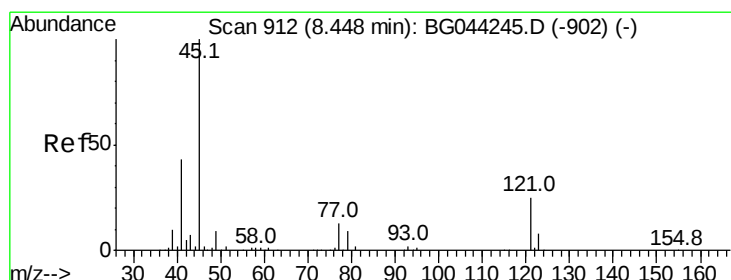
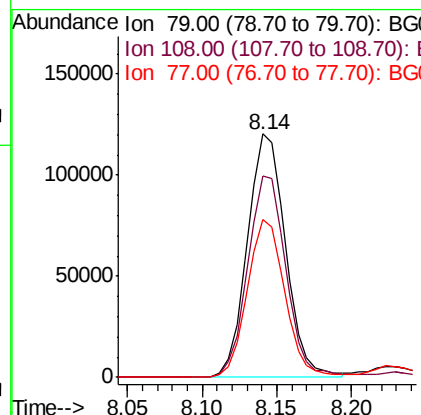
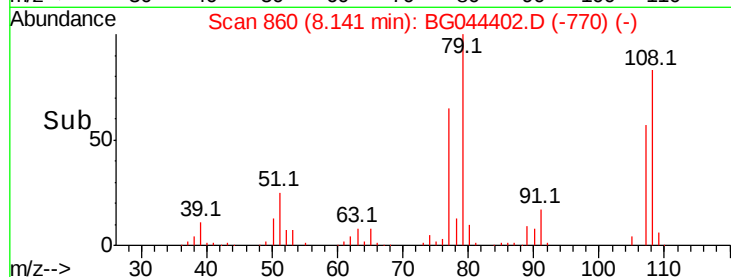
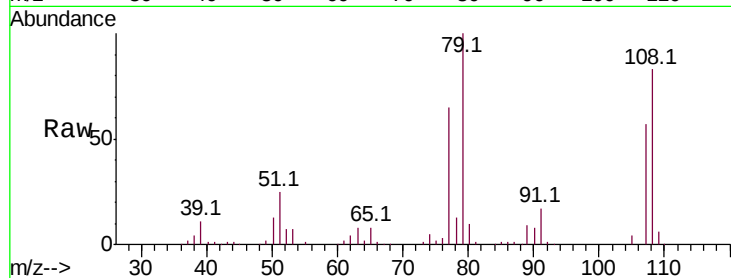
#15
Benzyl Alcohol
Concen: 53.683 ng
RT: 8.14 min Scan# 860
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.7	68.3	102.5
77	64.6	51.8	77.8

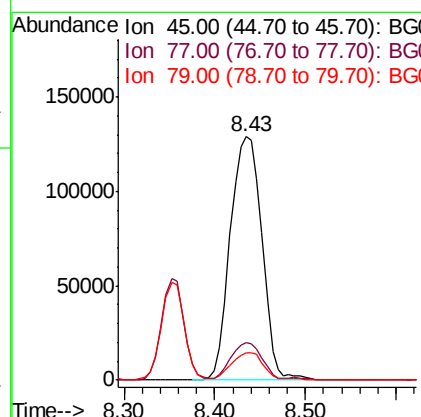
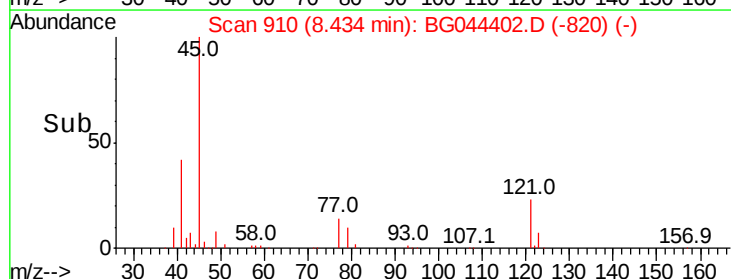
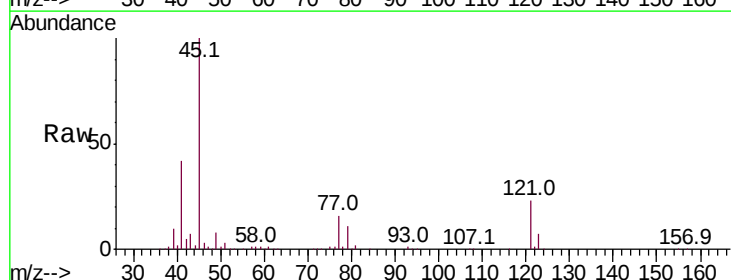
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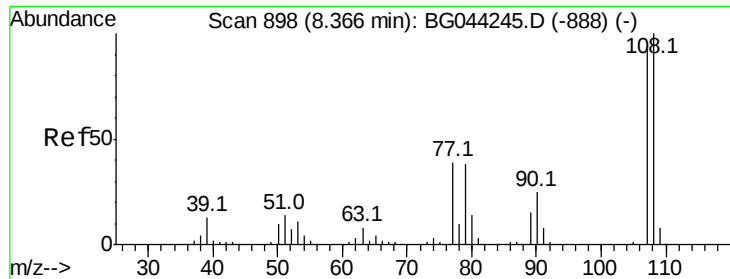
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.365 ng
RT: 8.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	35.2
79	11.1	0.0	31.1





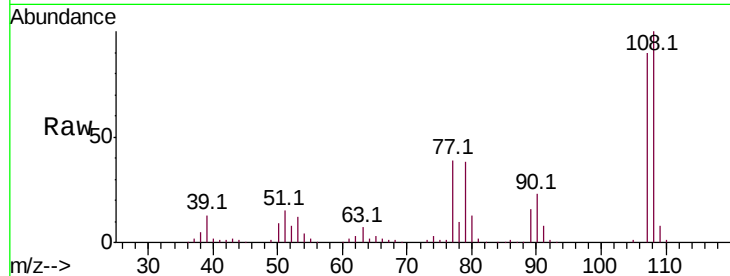
#17
2-Methylphenol
Concen: 53.847 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	86.4	129.6	
77	43.2	34.0	51.0	
79	41.6	32.9	49.3	

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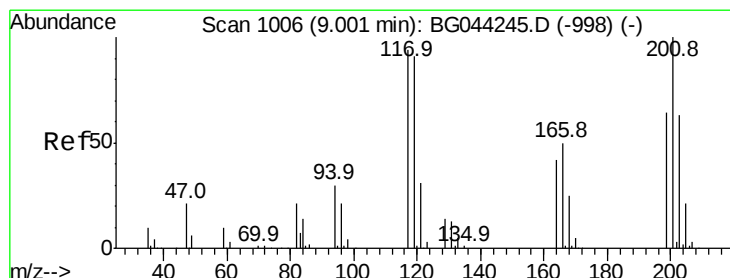
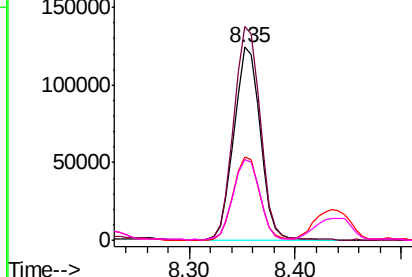
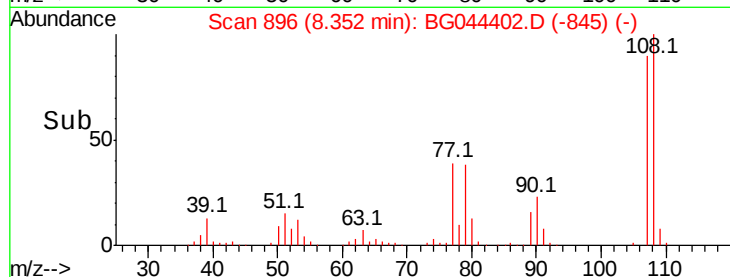
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

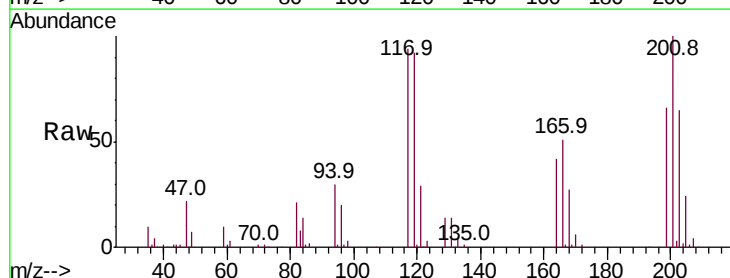
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 46.971 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	77.5	116.3	
201	105.9	84.9	127.3	

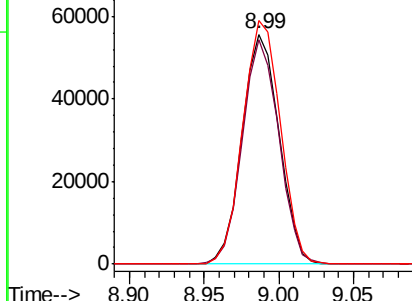
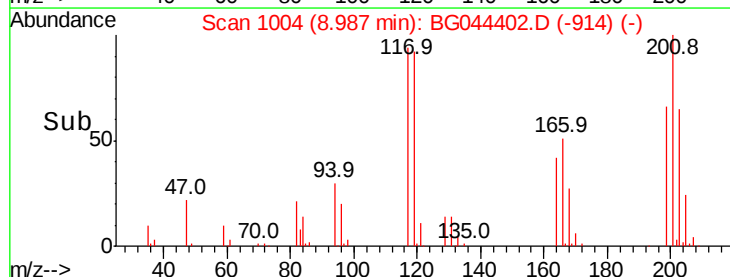


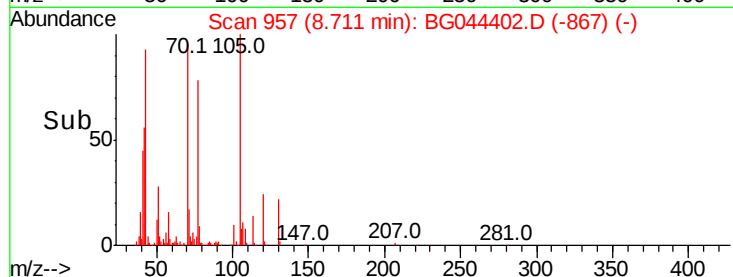
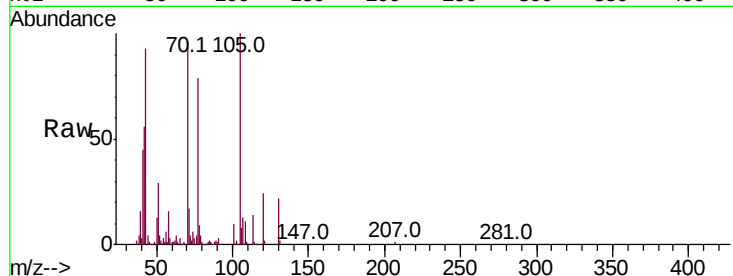
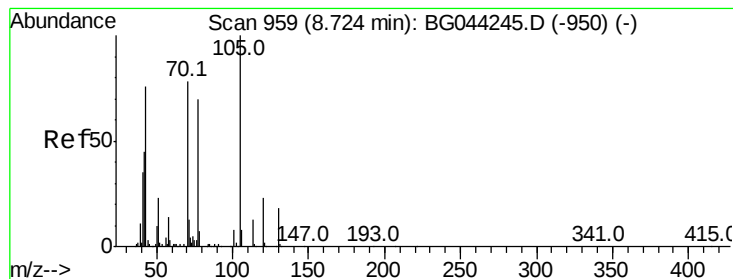
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 50.612 ng

RT: 8.71 min Scan# 957

Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Instrument :

BNA_G

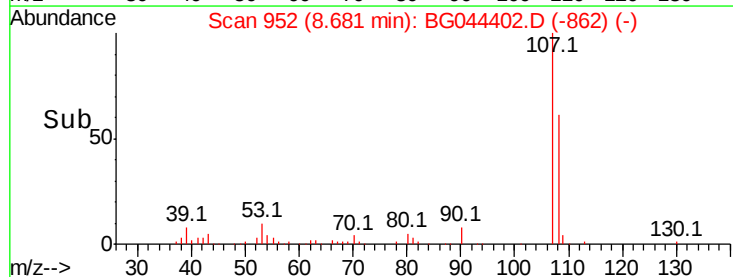
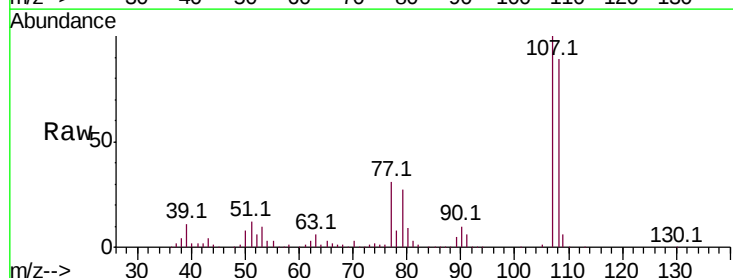
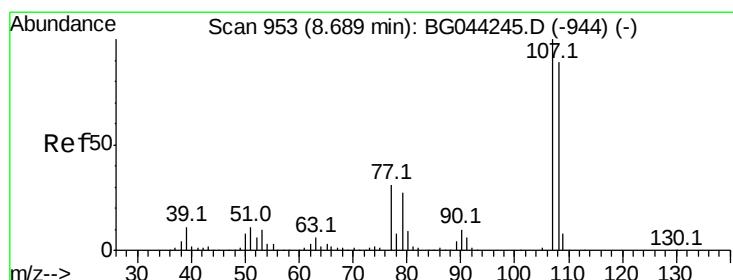
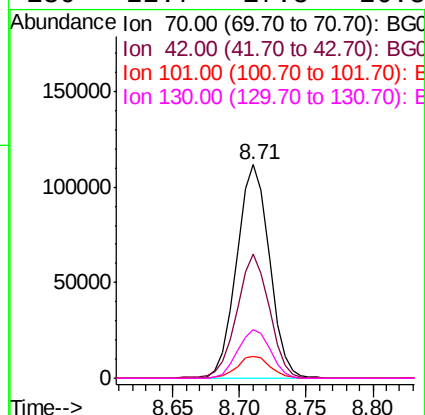
ClientSampleId :

HAM-WC-S-SB-BCMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.1	46.2	69.2	
101	10.2	8.4	12.6	
130	22.7	17.8	26.8	

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#20

3+4-Methylphenols

Concen: 53.760 ng

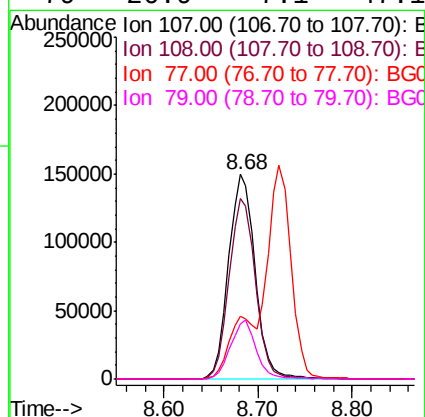
RT: 8.68 min Scan# 952

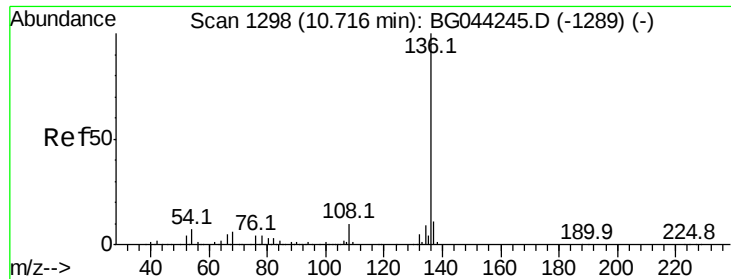
Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	68.5	108.5	
77	30.9	10.9	50.9	
79	26.9	7.1	47.1	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Instrument :

BNA_G

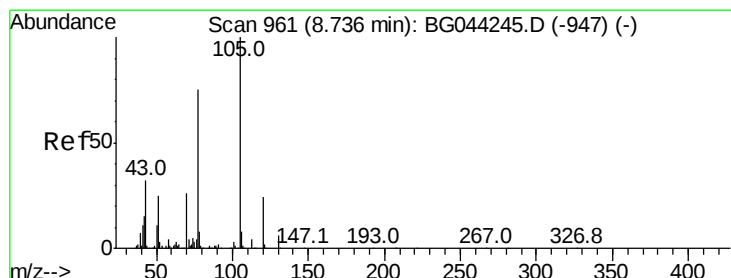
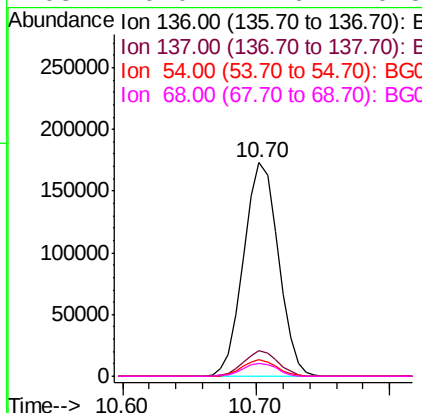
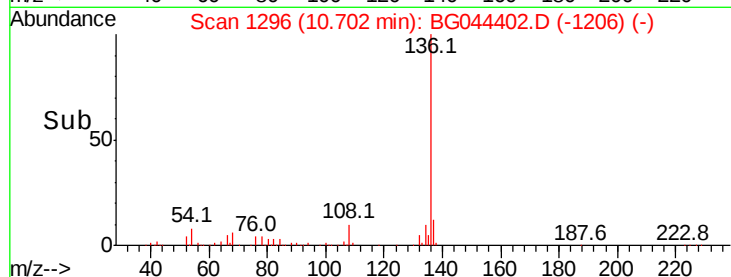
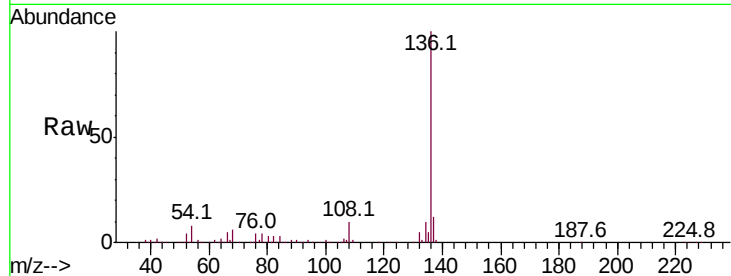
ClientSampleId :

HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	311948		
137	11.7		8.8	13.2
54	7.7		5.8	8.8
68	6.0		4.6	6.8

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#22

Acetophenone

Concen: 47.406 ng

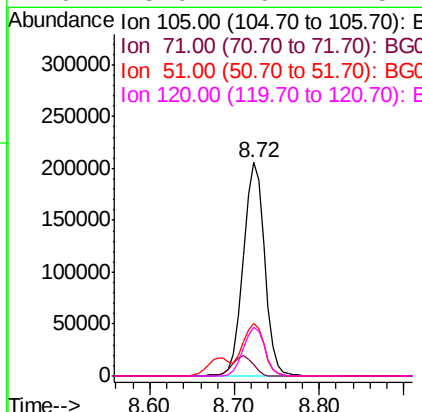
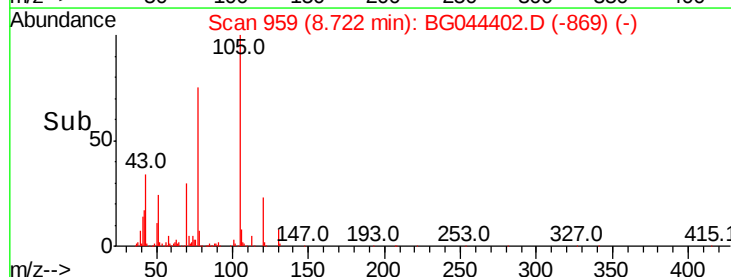
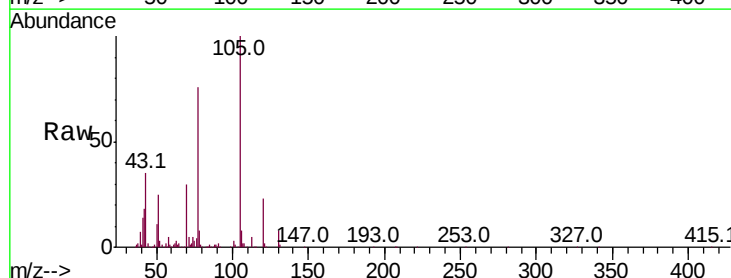
RT: 8.72 min Scan# 959

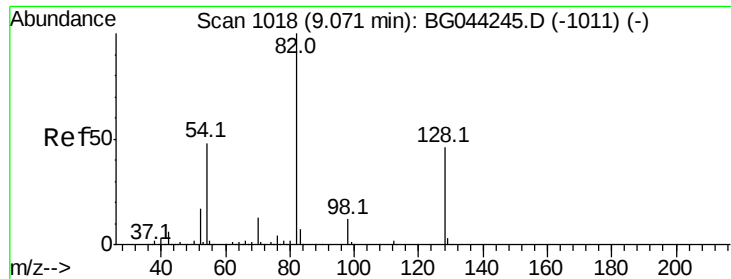
Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	359751		
71	5.2		3.4	5.0#
51	24.6		20.2	30.4
120	23.0		19.1	28.7





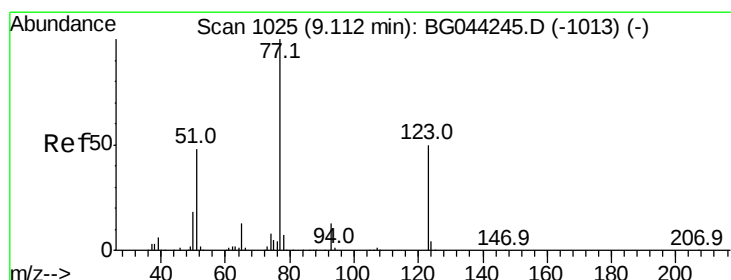
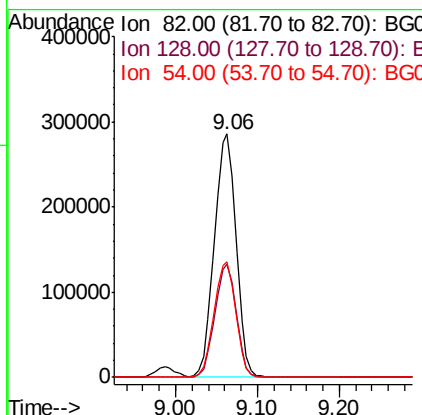
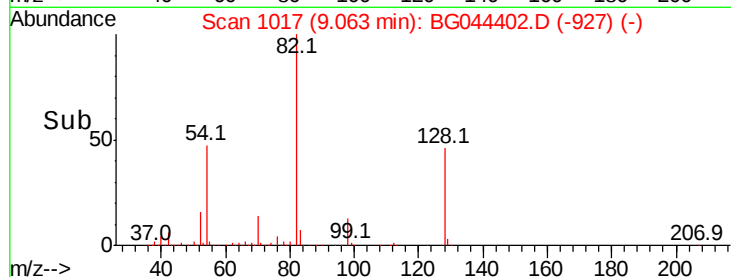
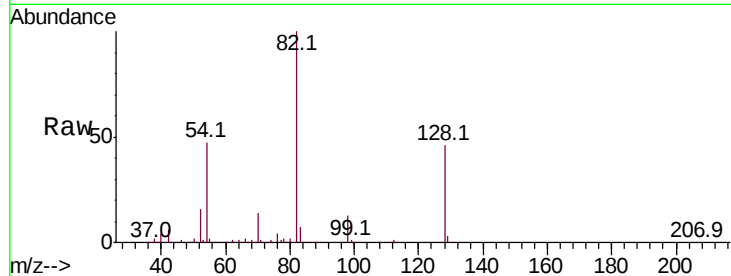
#23
Nitrobenzene-d5
Concen: 95.970 ng
RT: 9.06 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.4	36.5	54.7	
54	47.4	38.6	58.0	

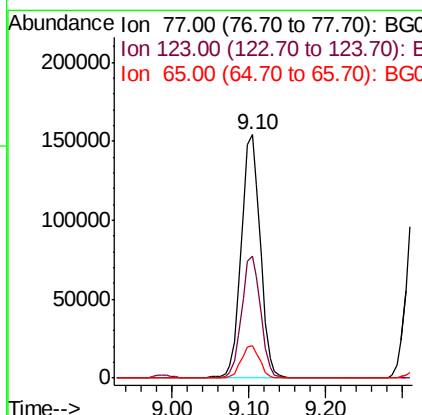
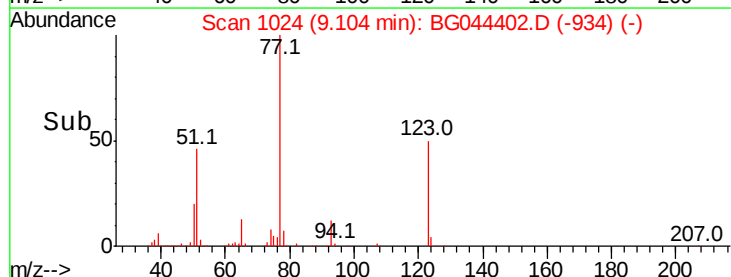
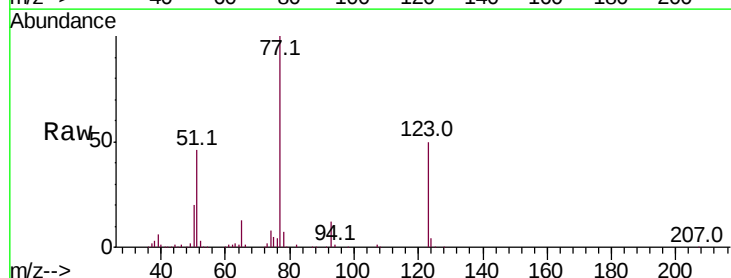
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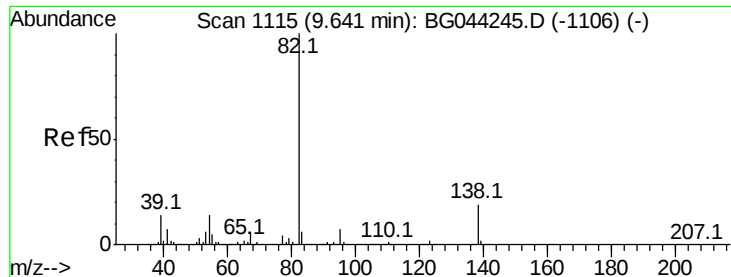
mohammad
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#24
Nitrobenzene
Concen: 49.763 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.9	39.9	59.9	
65	13.5	10.4	15.6	





#25

Isophorone

Concen: 51.545 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Instrument :

BNA_G

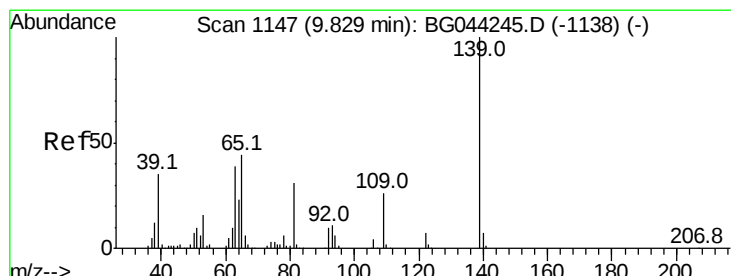
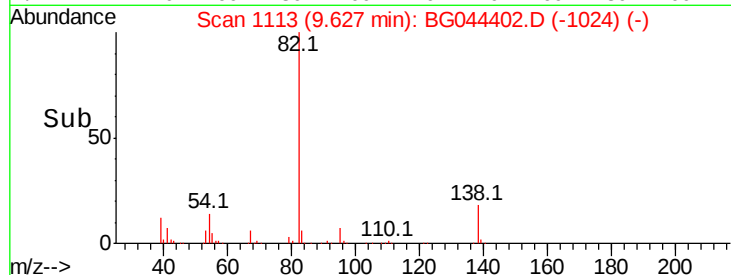
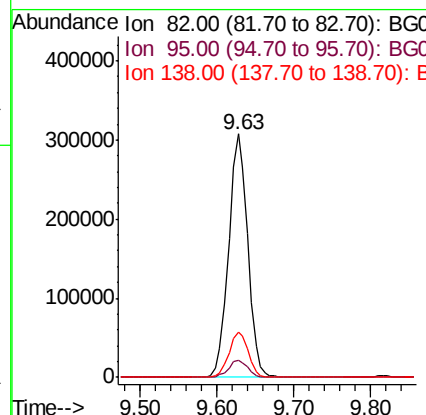
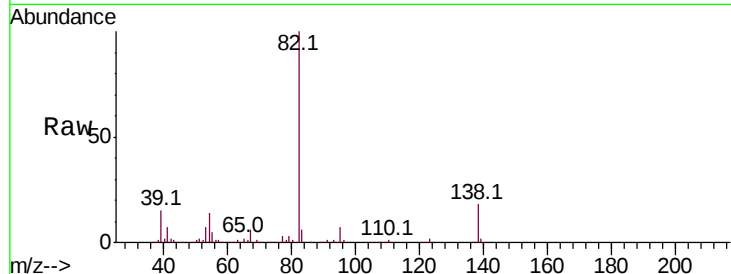
ClientSampleId :

HAM-WC-S-SB-BCMSD

Tot Ion:	82	Resp:	530855
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.7	8.5
138	18.4	15.0	22.4

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#26

2-Nitrophenol

Concen: 52.114 ng

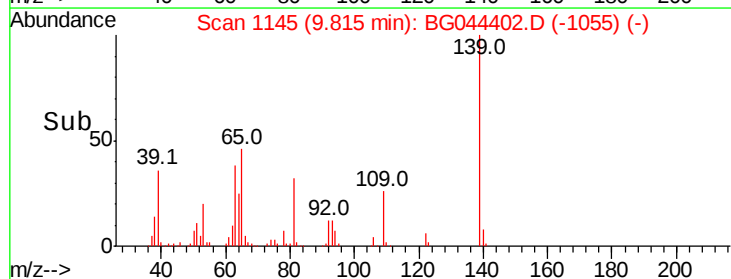
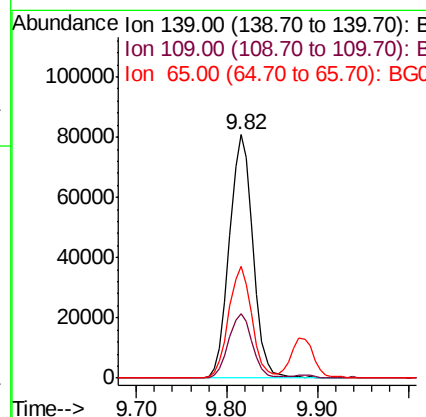
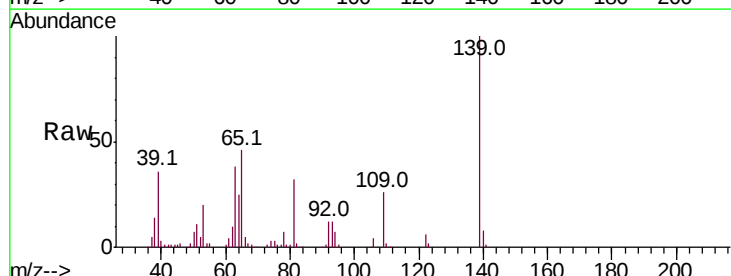
RT: 9.82 min Scan# 1145

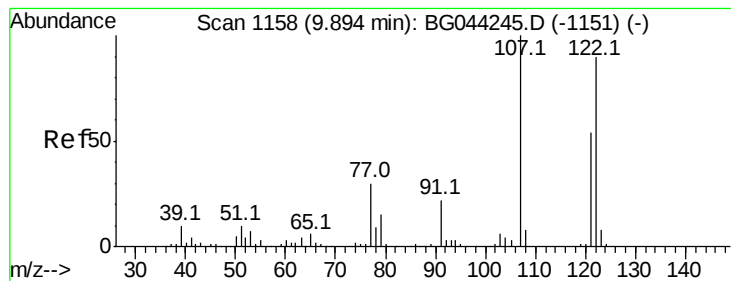
Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Tgt Ion:	139	Resp:	145867
Ion Ratio	Lower	Upper	
139	100		
109	26.3	21.0	31.4
65	46.0	35.0	52.4





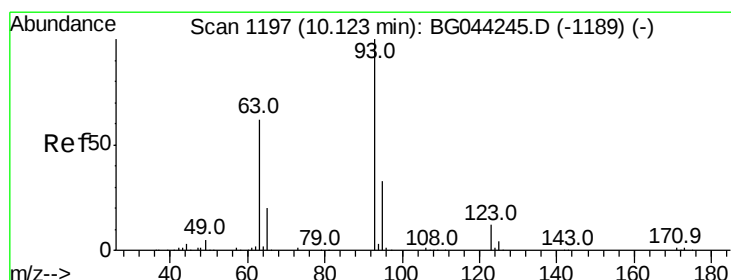
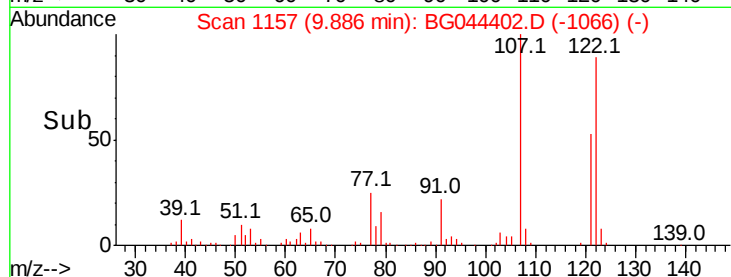
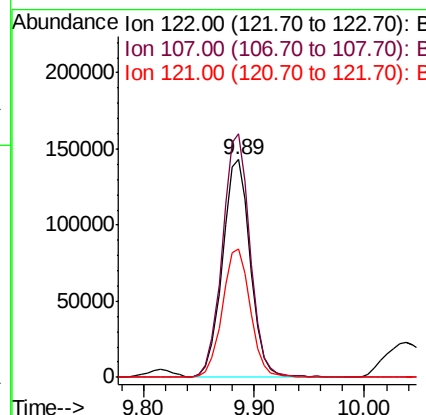
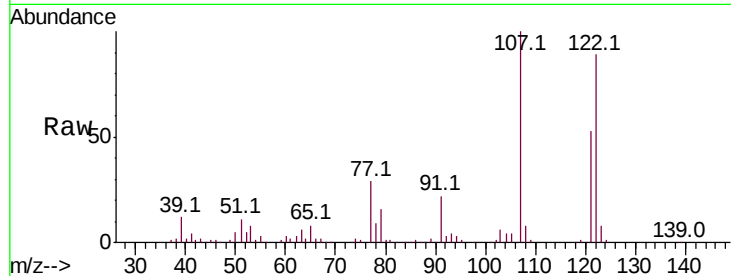
#27
2,4-Dimethylphenol
Concen: 63.158 ng
RT: 9.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	249543		
107	112.0	88.8	133.2	
121	59.1	48.3	72.5	

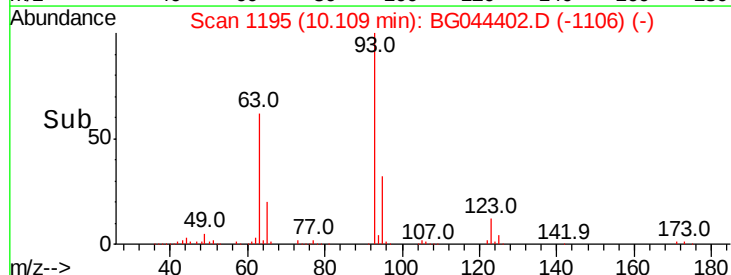
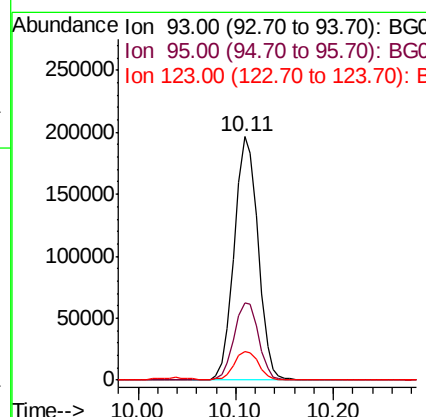
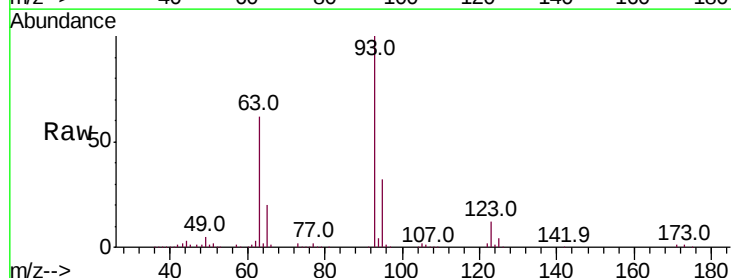
Manual Integrations
APPROVED

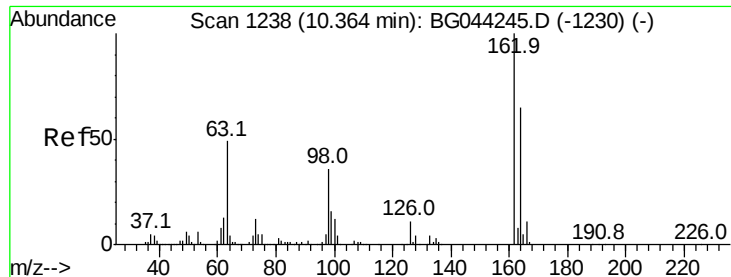
mohammad
2/13/2020 3:32:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.248 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	331474		
95	31.9	26.6	40.0	
123	11.7	10.0	15.0	





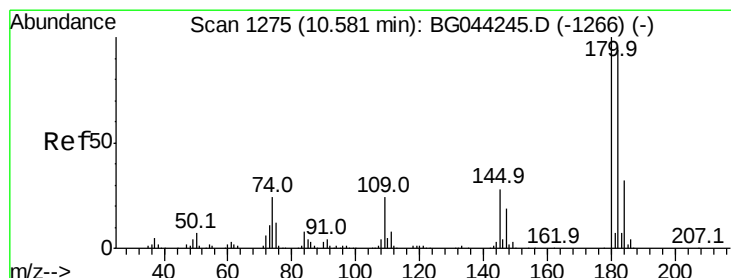
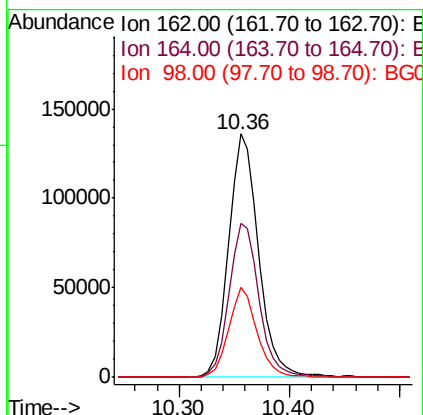
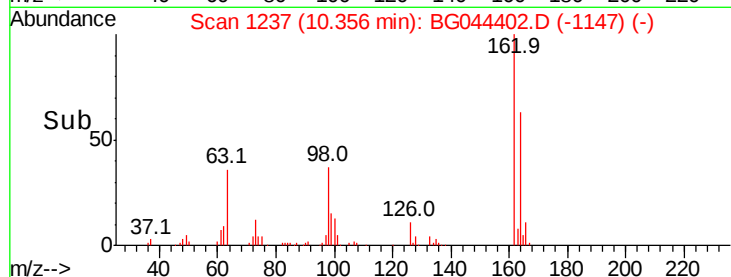
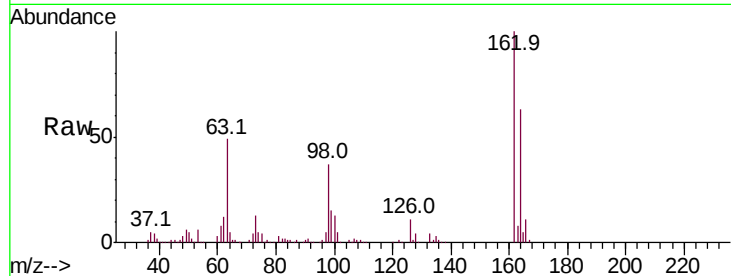
#29
2,4-Dichlorophenol
Concen: 54.082 ng
RT: 10.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.2	44.7	84.7
98	37.1	15.8	55.8

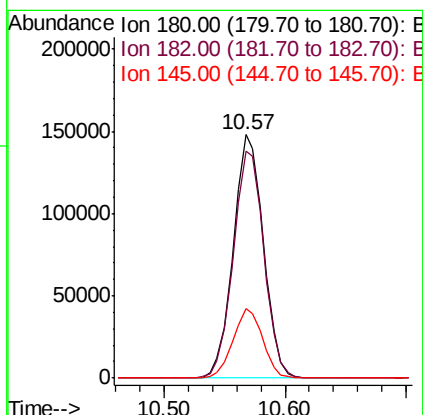
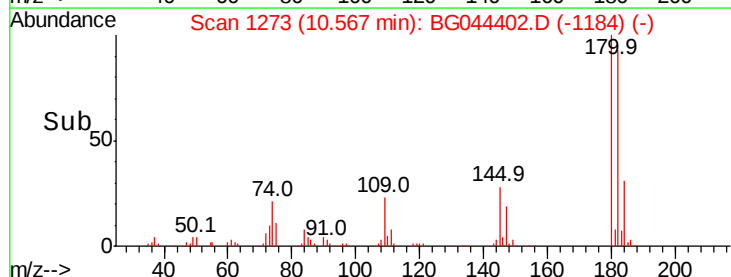
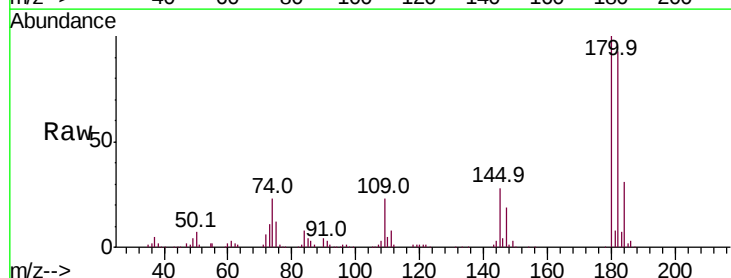
Manual Integrations
APPROVED

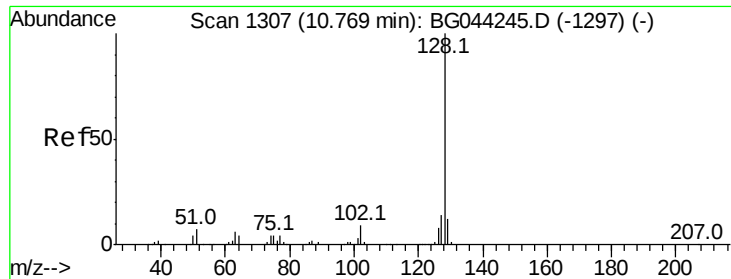
mohammad
2/13/2020 3:32:50 PM



#30
1,2,4-Trichlorobenzene
Concen: 46.957 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.4	75.5	113.3
145	28.5	22.6	34.0





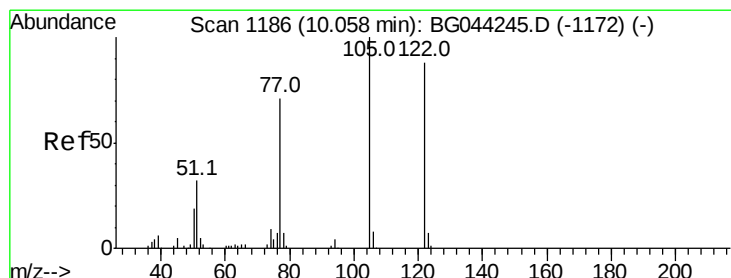
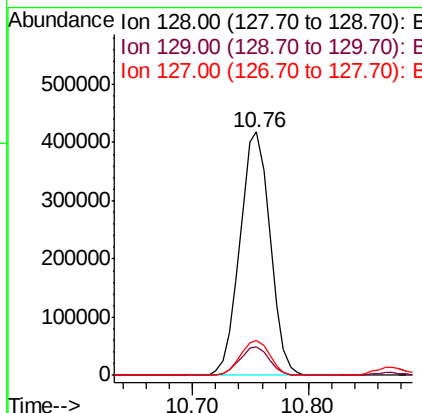
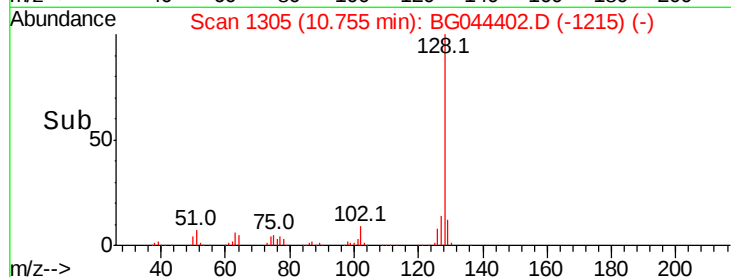
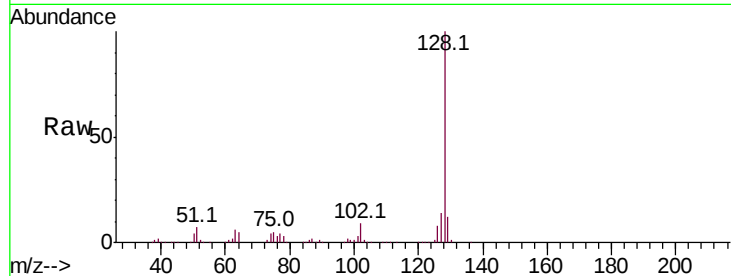
#31
Naphthalene
Concen: 50.145 ng
RT: 10.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.8	9.3	13.9	
127	14.4	11.6	17.4	

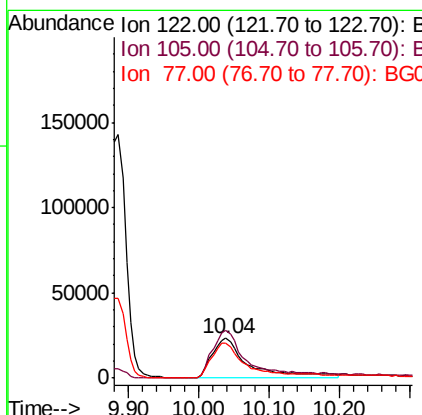
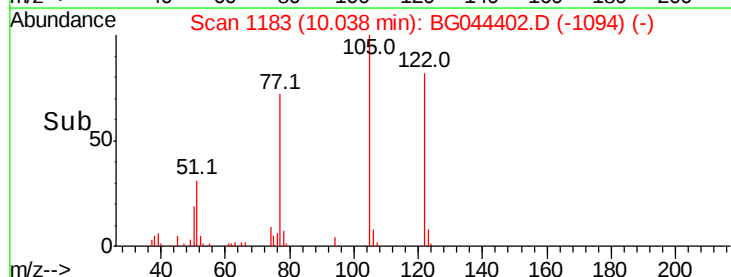
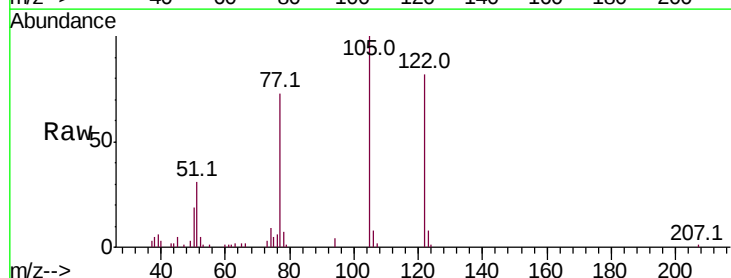
Manual Integrations
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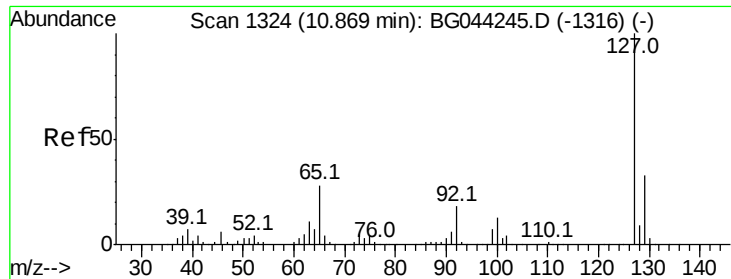
mohammad
2/13/2020 3:32:50 PM



#32
Benzoic acid
Concen: 36.665 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	121.7	93.5	133.5	
77	88.7	61.0	101.0	





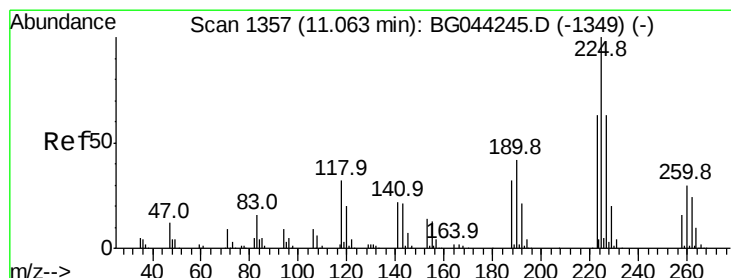
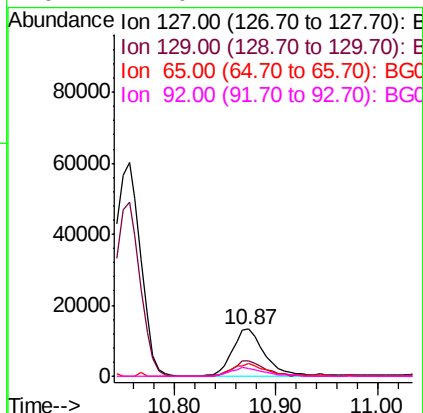
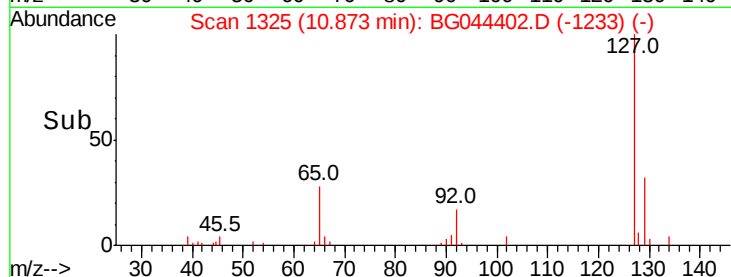
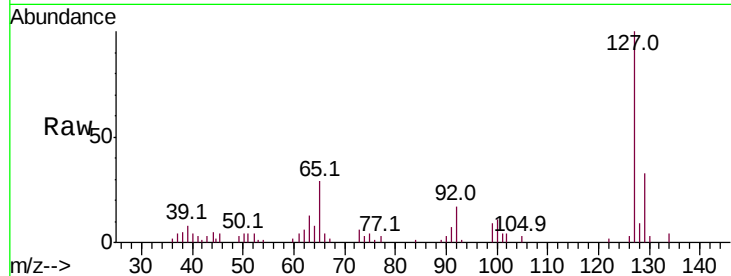
#33
4-Chloroaniline
Concen: 4.347 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.6	40.0
65	28.5	22.5	33.7
92	17.0	14.1	21.1

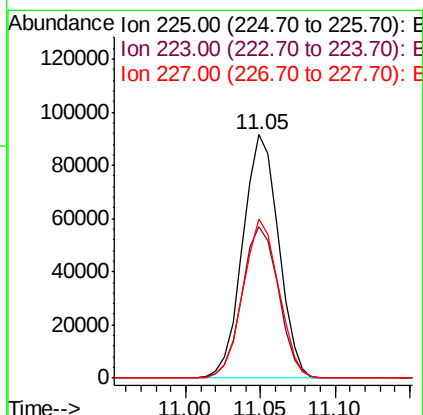
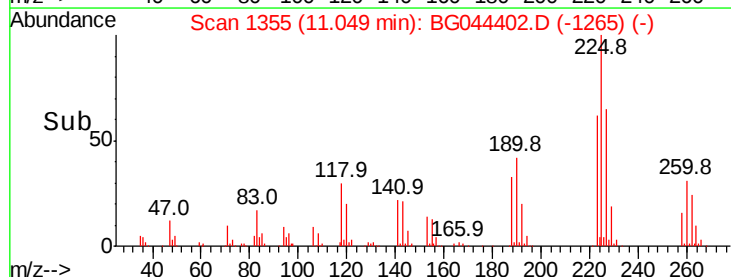
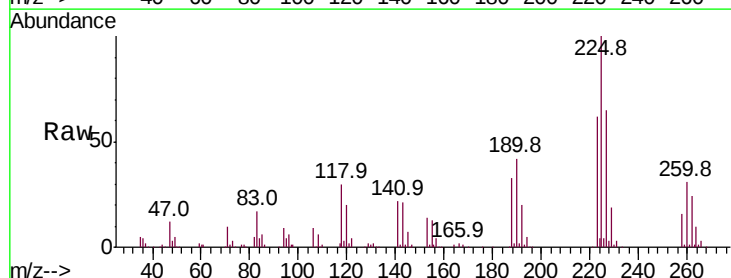
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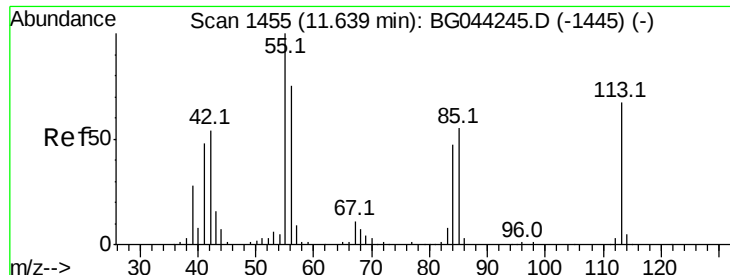
mohammad
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#34
Hexachlorobutadiene
Concen: 45.023 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.4
227	65.4	50.8	76.2





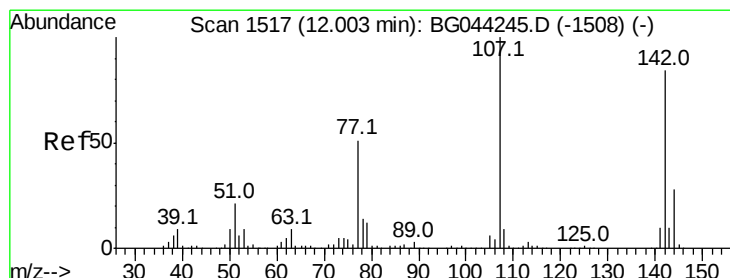
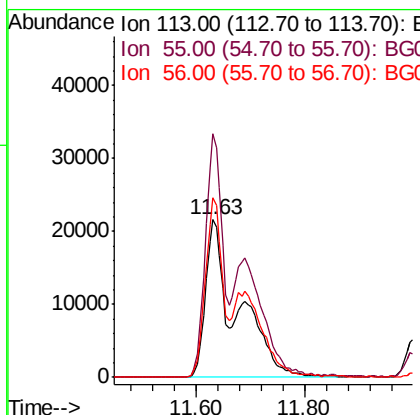
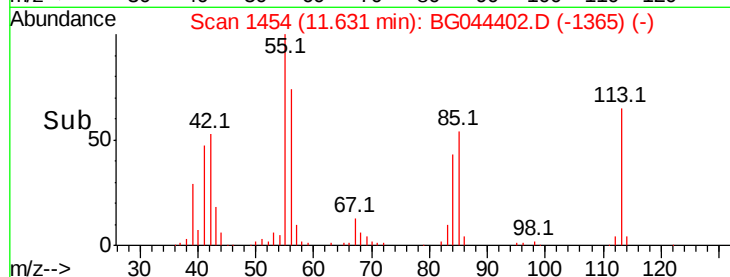
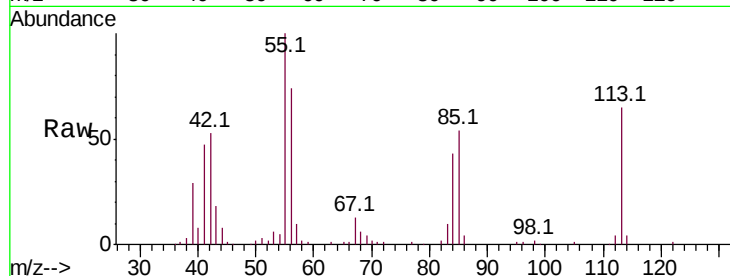
#35
Caprolactam
Concen: 49.539 ng/ml
RT: 11.63 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion:113 Resp: 86699
Ion Ratio Lower Upper
113 100
55 154.8 129.9 169.9
56 114.1 92.5 132.5

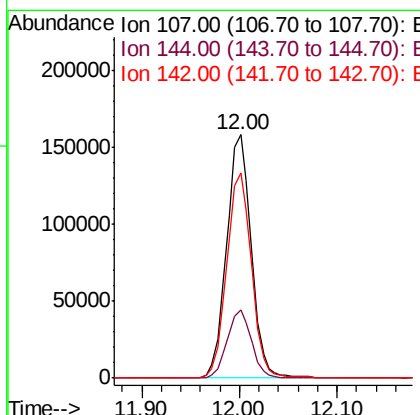
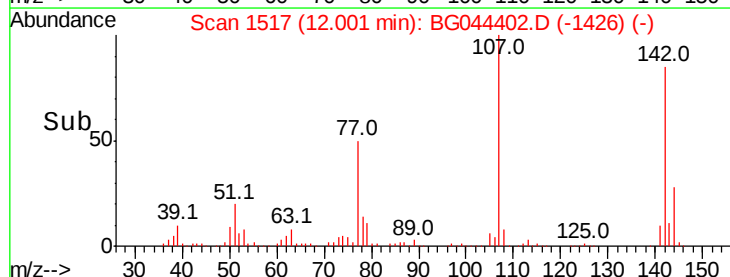
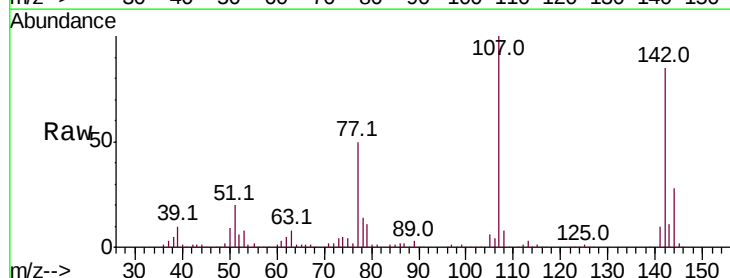
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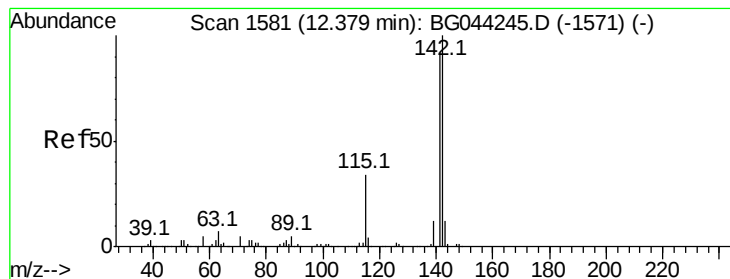
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 55.449 ng/ml
RT: 12.00 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion:107 Resp: 277747
Ion Ratio Lower Upper
107 100
144 28.2 22.2 33.4
142 84.5 67.4 101.0





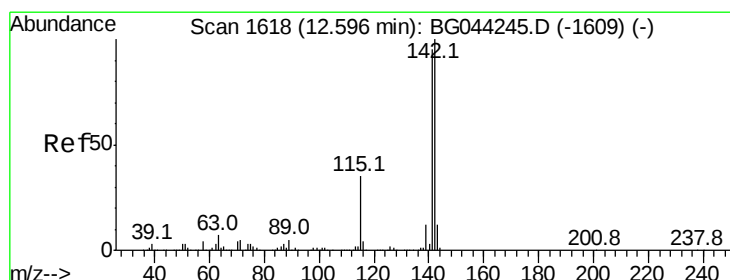
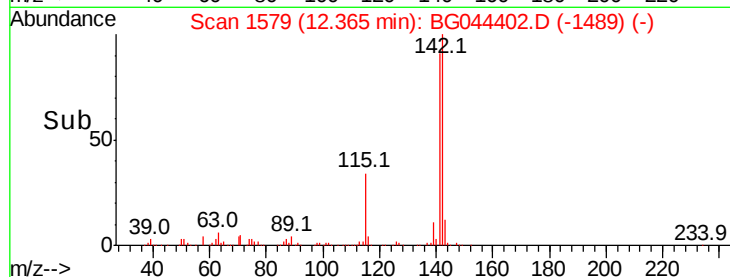
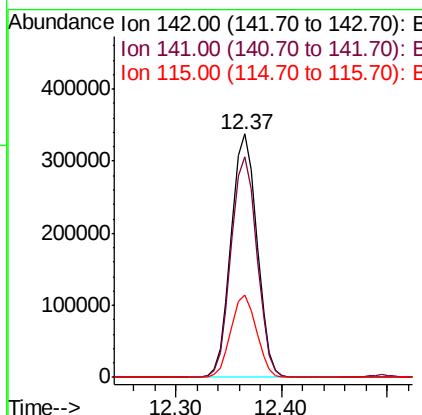
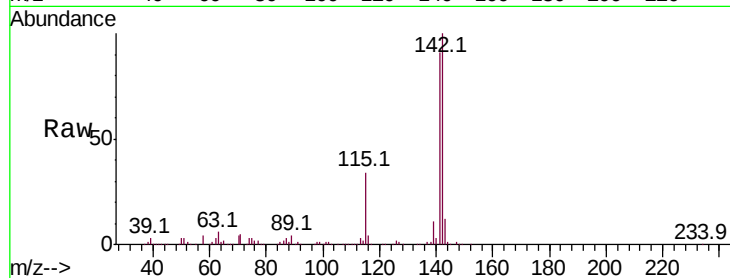
#37
 2-Methylnaphthalene
 Concen: 51.031 ng
 RT: 12.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BG044402.D
 Acq: 11 Feb 2020 23:49

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.2	109.8
115	33.9	27.1	40.7

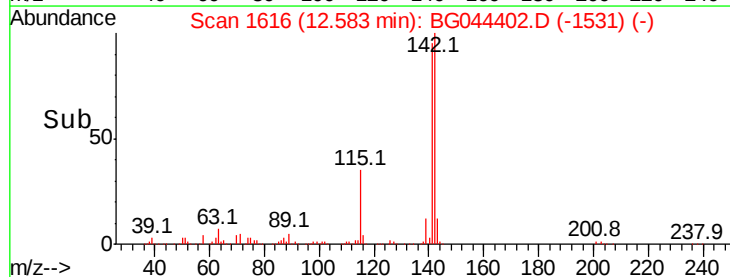
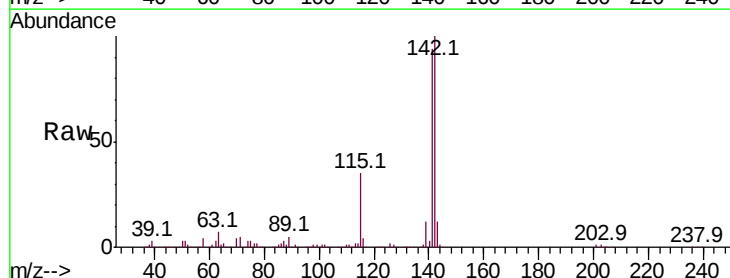
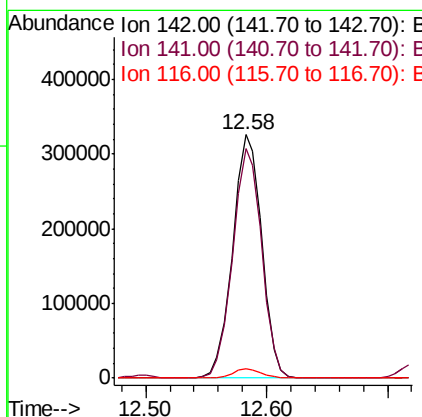
Manual Integrations
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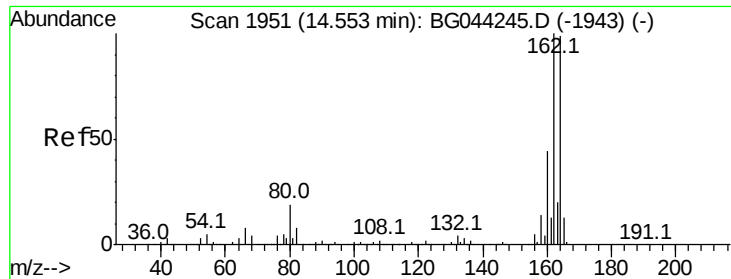
mohammad
 2/13/2020 3:32:50 PM



#38
 1-Methylnaphthalene
 Concen: 51.560 ng
 RT: 12.58 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BG044402.D
 Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.8	113.6
116	3.6	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Instrument :

BNA_G

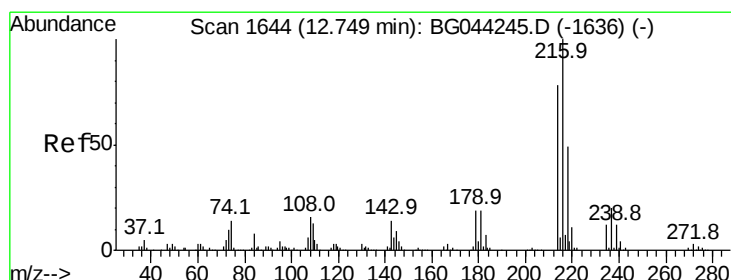
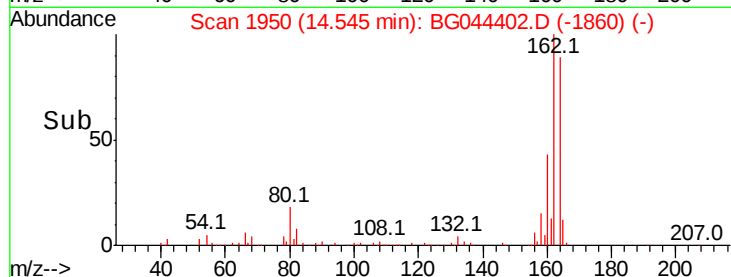
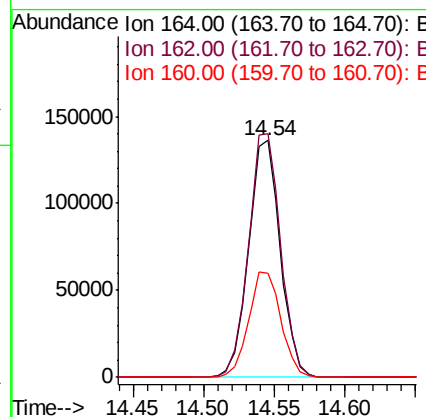
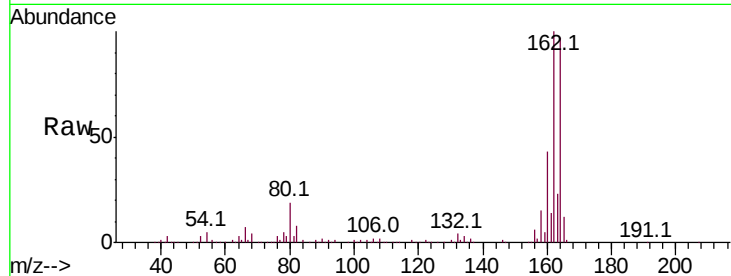
ClientSampleId :

HAM-WC-S-SB-BCMSD

Tot Ion:	164	Resp:	213714
Ion Ratio	Lower	Upper	
164	100		
162	102.8	80.7	121.1
160	44.1	35.3	52.9

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.982 ng

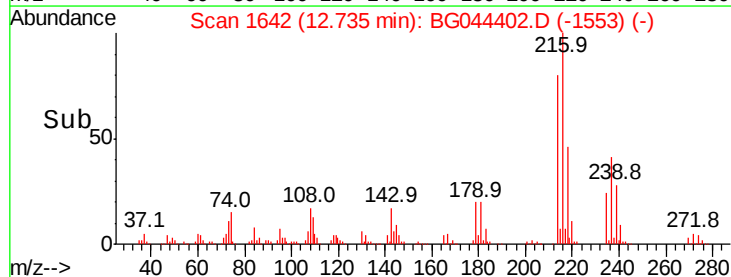
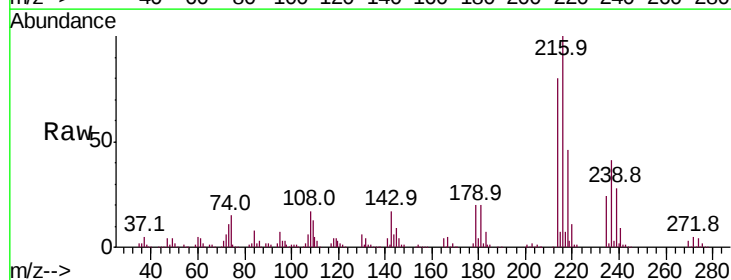
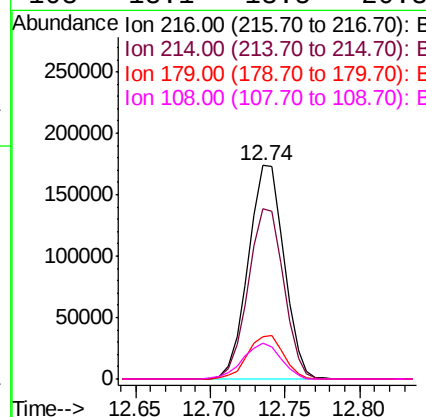
RT: 12.74 min Scan# 1642

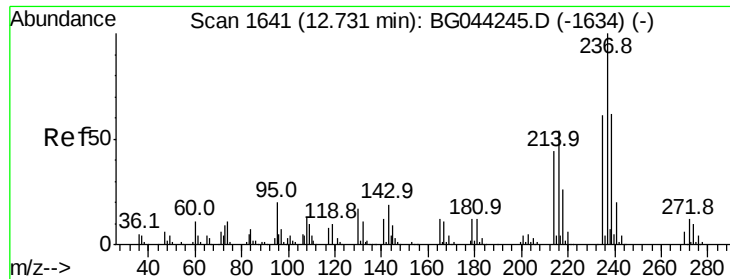
Delta R.T. -0.01 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Tgt Ion:	216	Resp:	287568
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.0	94.6
179	20.6	16.2	24.4
108	18.1	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 81.991 ng

RT: 12.72 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Instrument :

BNA_G

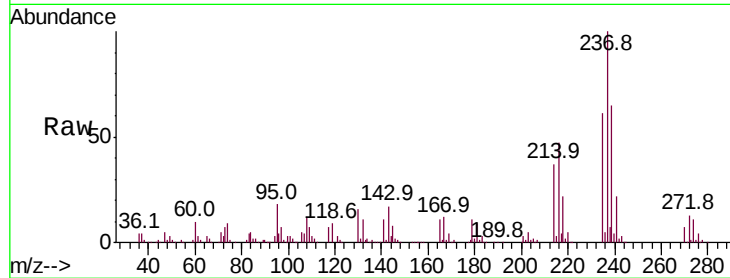
ClientSampleId :

HAM-WC-S-SB-BCMSD

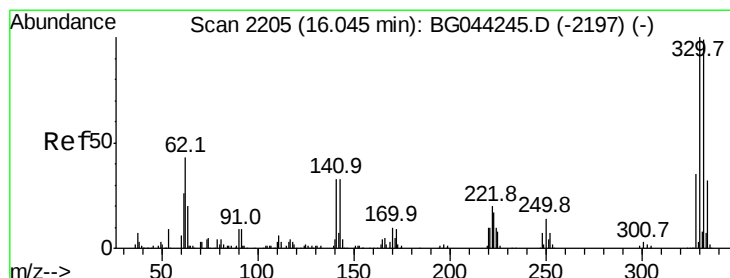
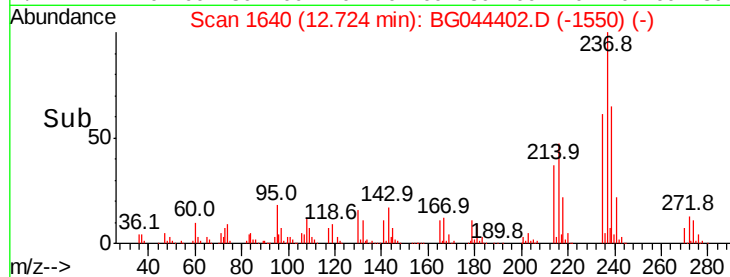
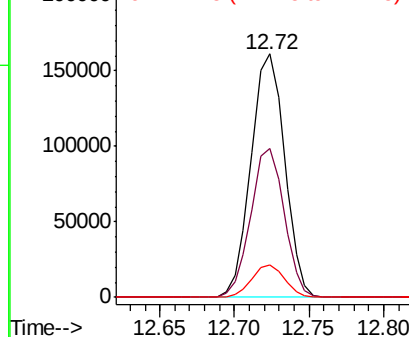
Tot Ion:	237	Resp:	251506
Ion Ratio	Lower	Upper	
237	100		
235	61.2	41.2	81.2
272	13.2	0.0	32.4

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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: 154.116 ng

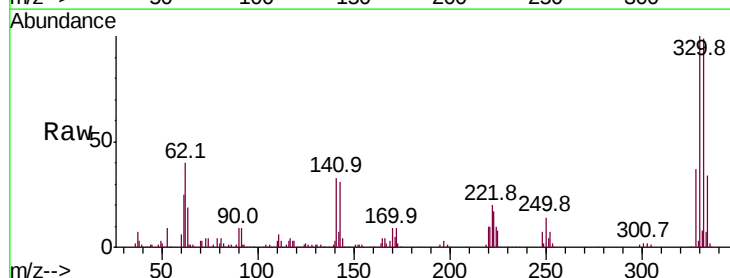
RT: 16.04 min Scan# 2204

Delta R.T. 0.01 min

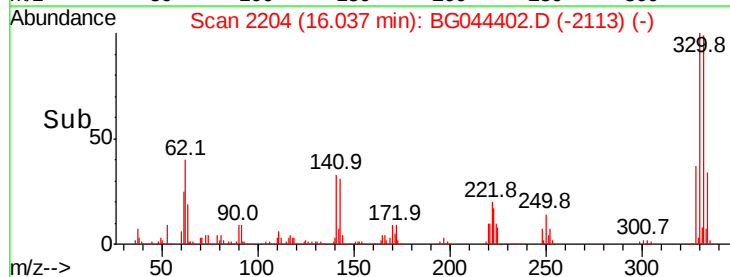
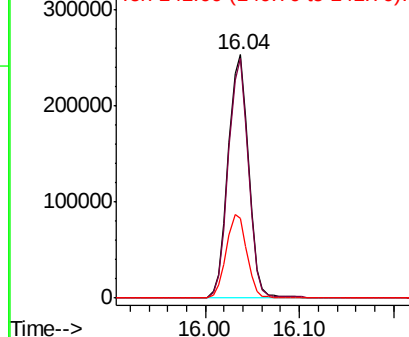
Lab File: BG044402.D

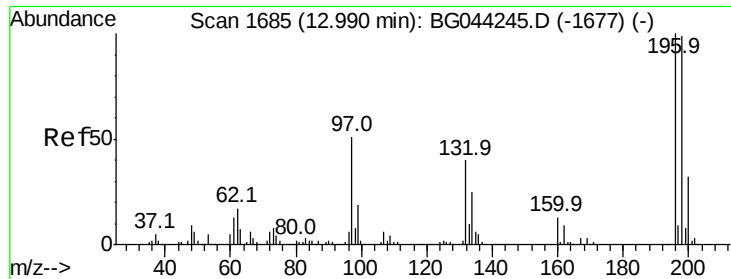
Acq: 11 Feb 2020 23:49

Tgt Ion:	330	Resp:	386658
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.2	115.8
141	34.8	28.3	42.5



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





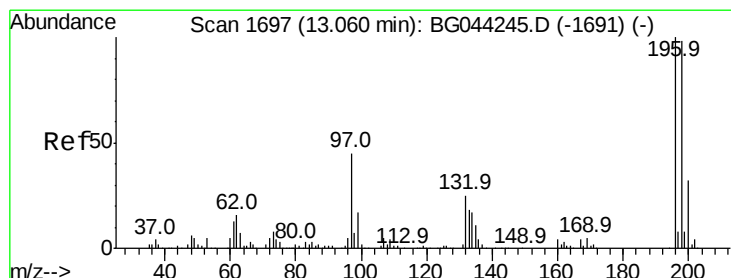
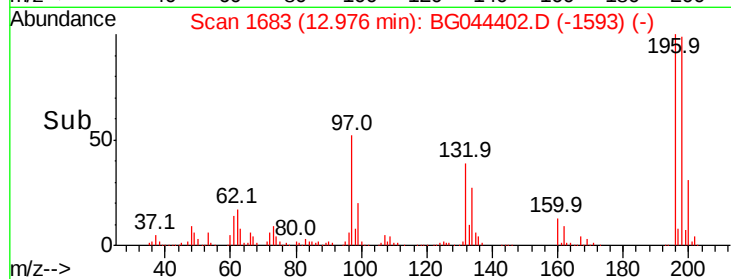
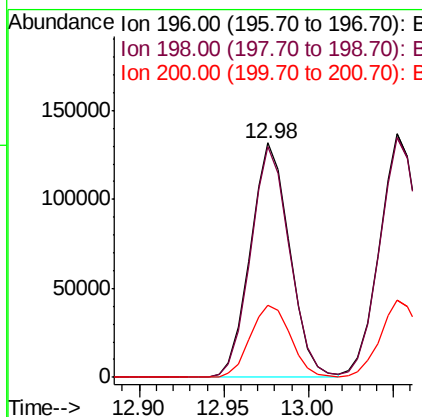
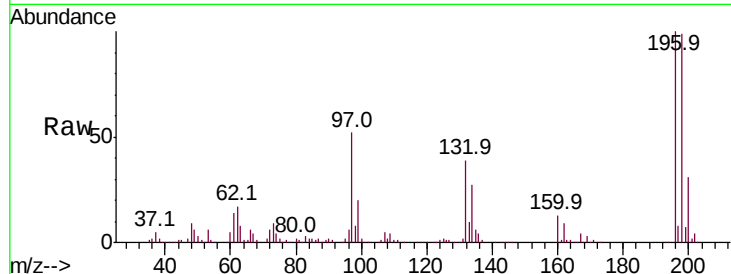
#43
 2,4,6-Trichlorophenol
 Concen: 51.453 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044402.D
 Acq: 11 Feb 2020 23:49

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	212616		
198	98.7	79.3	118.9	
200	31.0	25.7	38.5	

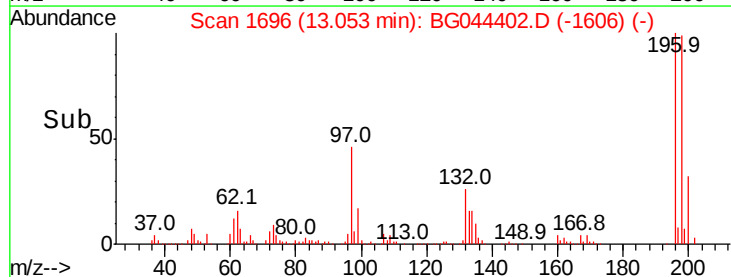
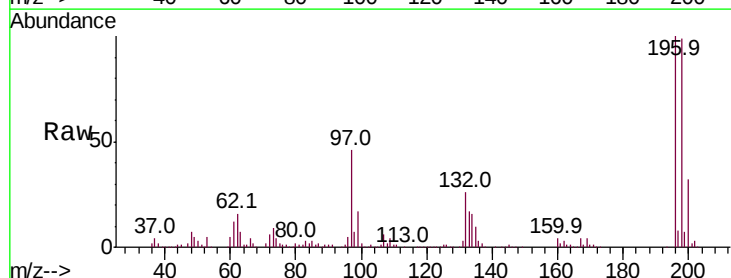
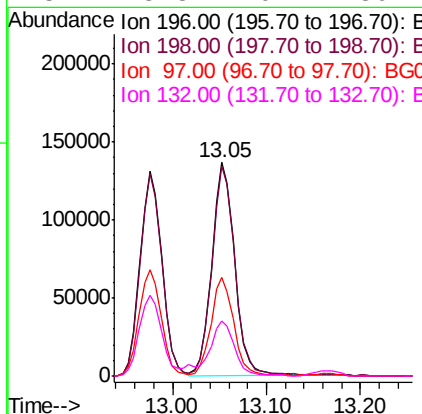
Manual Integrations
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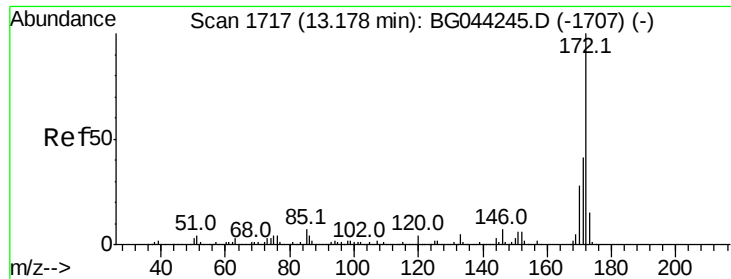
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 55.295 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044402.D
 Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	233379		
198	98.5	78.2	117.2	
97	46.3	36.2	54.4	
132	25.8	20.2	30.4	





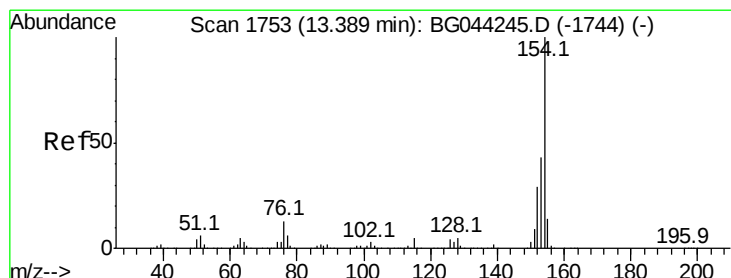
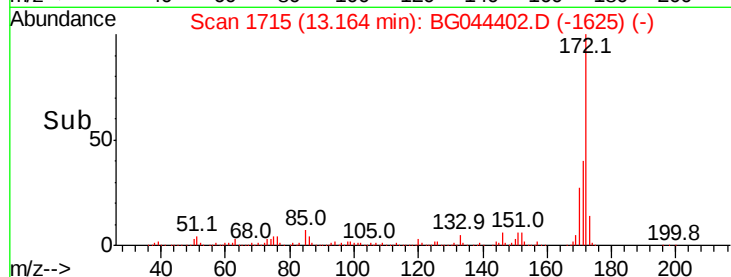
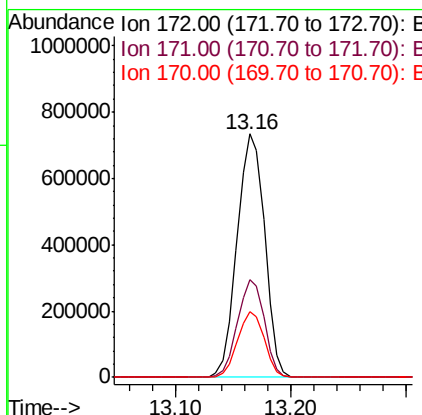
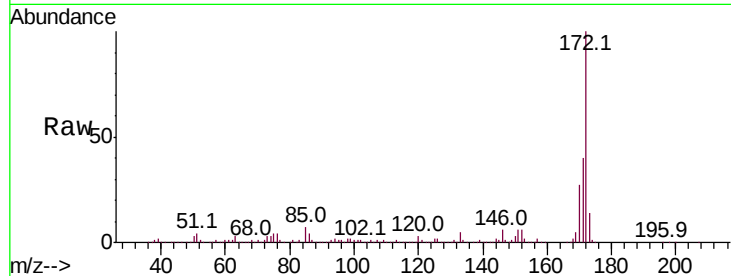
#45
 2-Fluorobiphenyl
 Concen: 94.975 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044402.D
 Acq: 11 Feb 2020 23:49

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.1	32.9	49.3
170	27.1	22.0	33.0

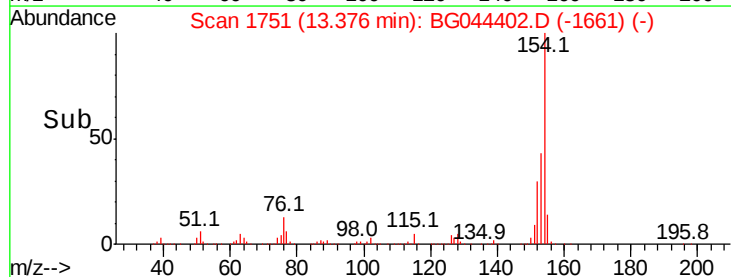
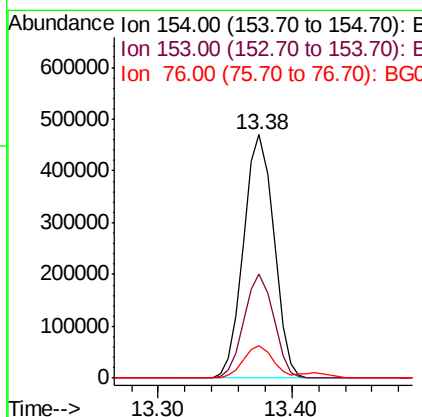
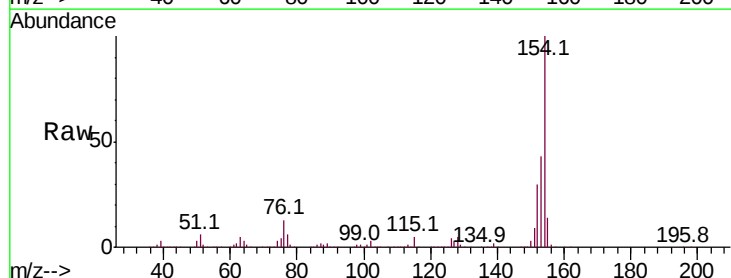
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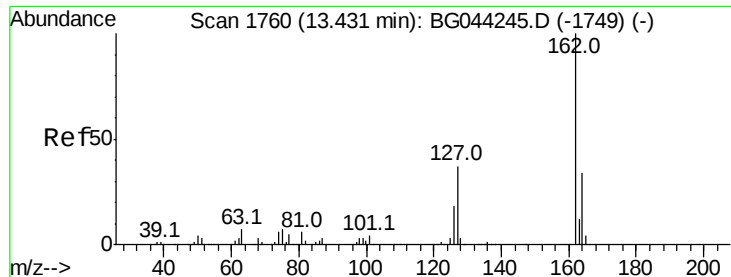
mohammad
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#46
 1,1'-Biphenyl
 Concen: 47.907 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BG044402.D
 Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.7	62.7
76	13.3	0.0	32.9





#47

2-Chloronaphthalene

Concen: 47.166 ng

RT: 13.42 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Instrument :

BNA_G

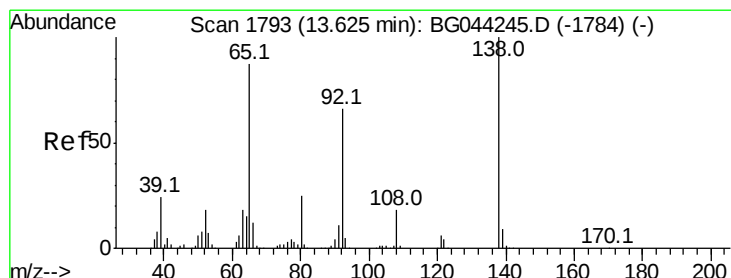
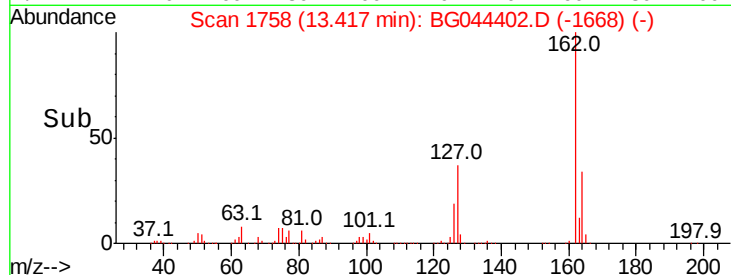
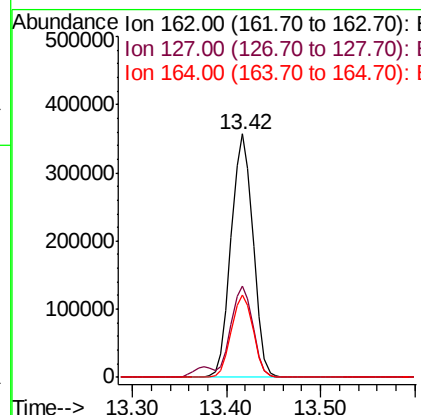
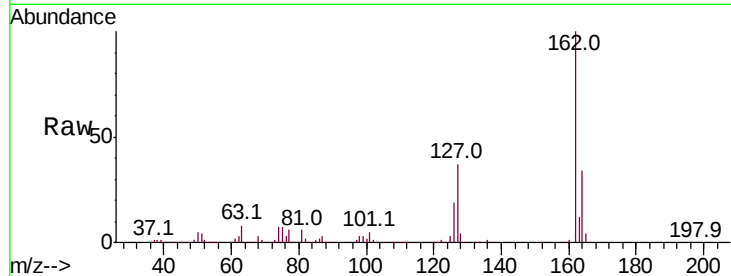
ClientSampleId :

HAM-WC-S-SB-BCMSD

Tot Ion:	162	Resp:	578574
Ion Ratio	Lower	Upper	
162	100		
127	37.3	30.0	45.0
164	34.0	27.2	40.8

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#48

2-Nitroaniline

Concen: 49.282 ng

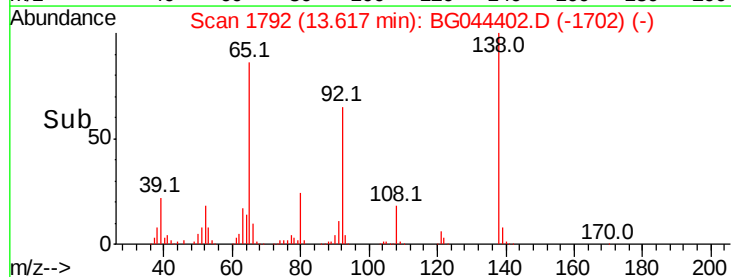
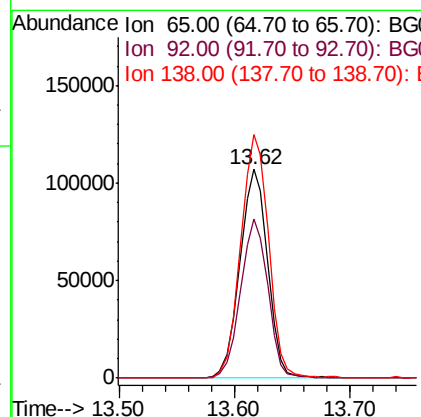
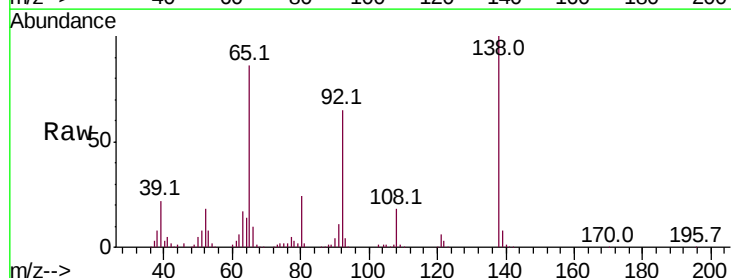
RT: 13.62 min Scan# 1792

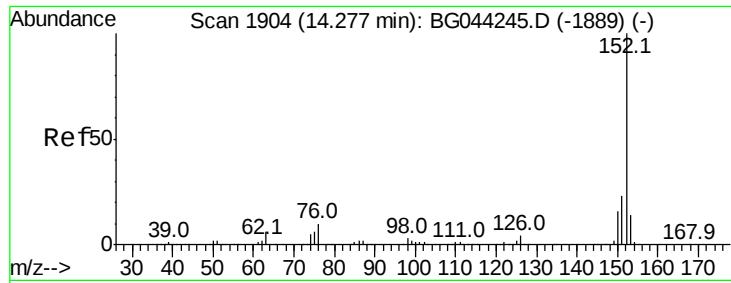
Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Tgt Ion:	65	Resp:	178410
Ion Ratio	Lower	Upper	
65	100		
92	76.3	60.3	90.5
138	116.7	91.9	137.9





#49

Acenaphthylene

Concen: 51.393 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Instrument :

BNA_G

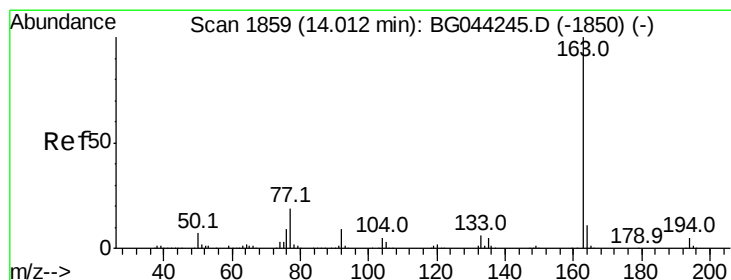
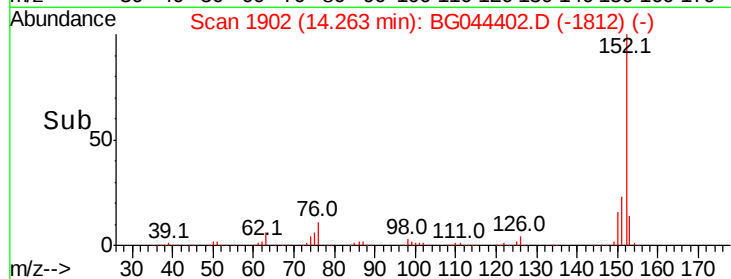
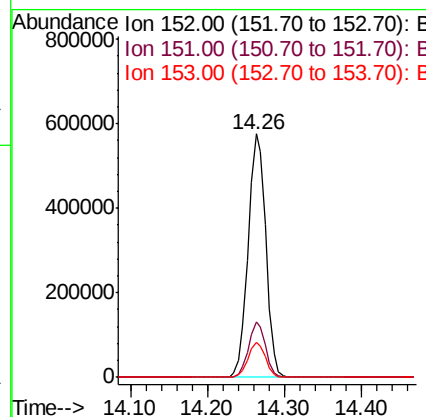
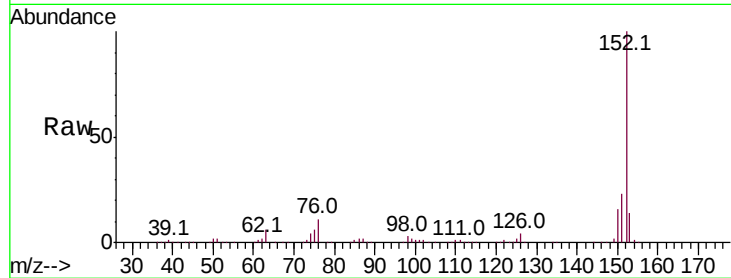
ClientSampleId :

HAM-WC-S-SB-BCMSD

Tot Ion:	152	Resp:	924666
Ion Ratio	Lower	Upper	
152	100		
151	22.7	18.1	27.1
153	14.4	11.5	17.3

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#50

Dimethylphthalate

Concen: 51.333 ng

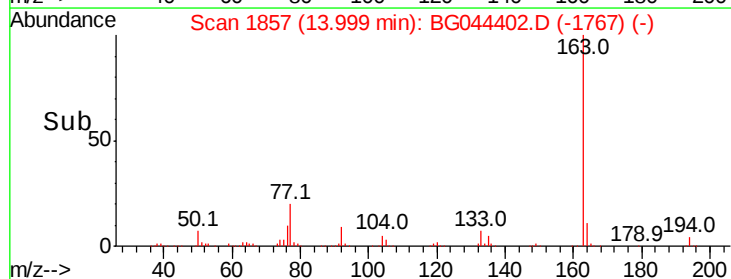
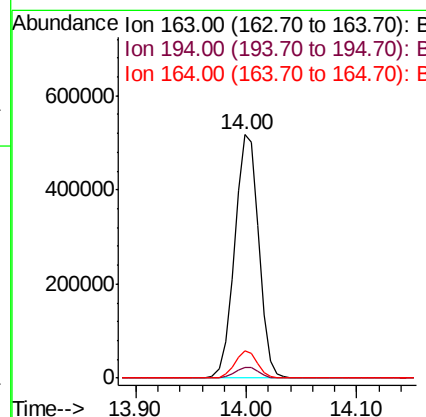
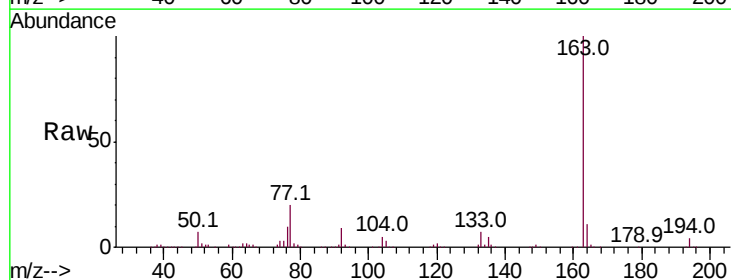
RT: 14.00 min Scan# 1857

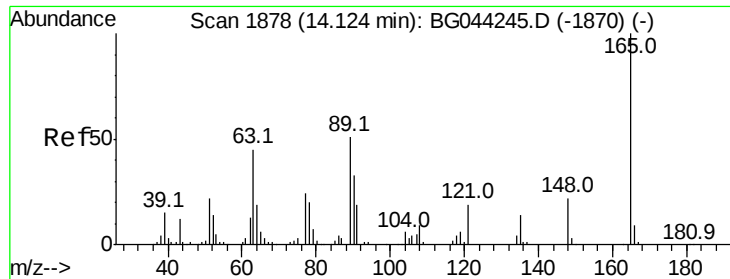
Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Tgt Ion:	163	Resp:	788593
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	11.2	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 51.517 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Instrument :

BNA_G

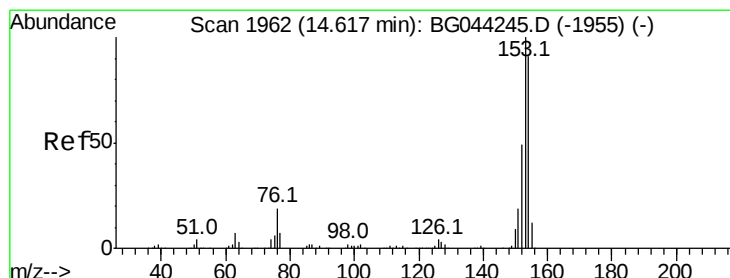
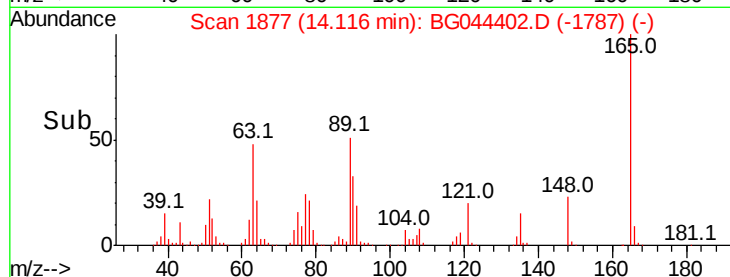
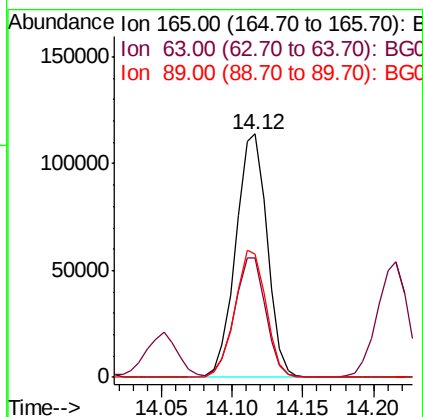
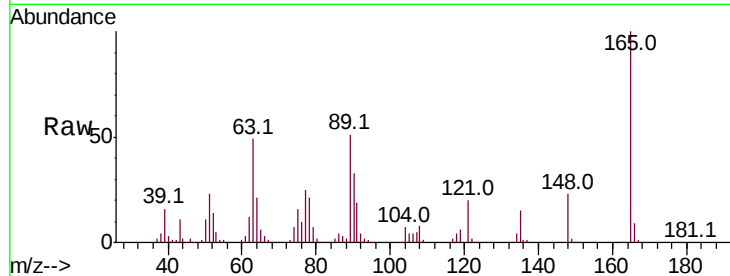
ClientSampleId :

HAM-WC-S-SB-BCMSD

Tot Ion:	165	Resp:	176462
Ion Ratio	Lower	Upper	
165	100		
63	49.2	38.7	58.1
89	50.6	40.4	60.6

Manual Integrations
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#52

Acenaphthene

Concen: 49.769 ng

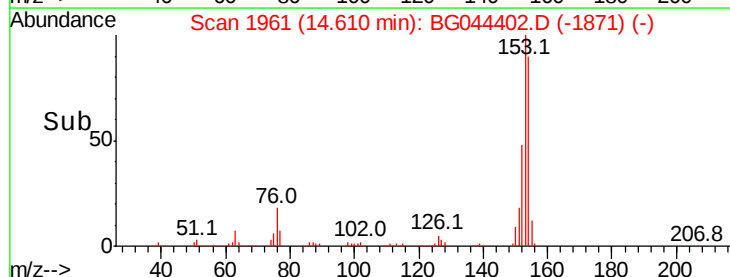
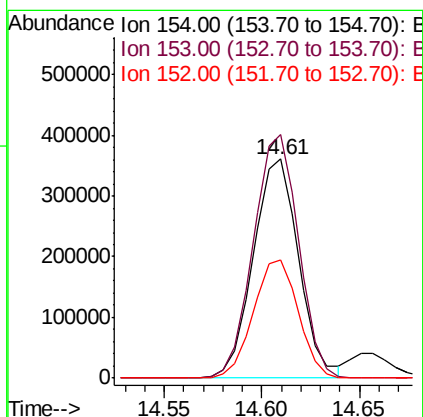
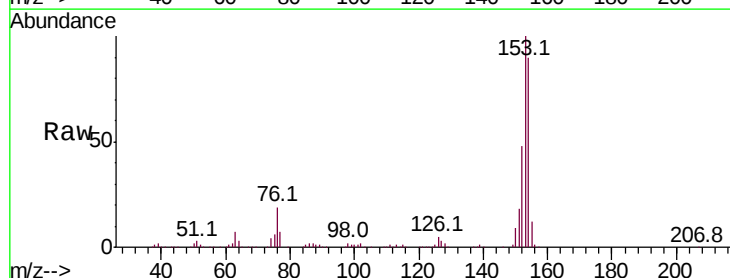
RT: 14.61 min Scan# 1961

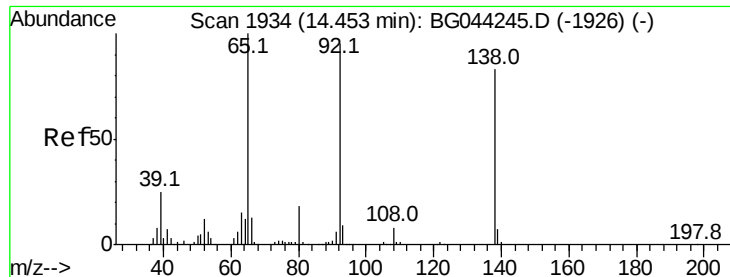
Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Tgt Ion:	154	Resp:	580409
Ion Ratio	Lower	Upper	
154	100		
153	111.2	87.9	131.9
152	53.9	43.1	64.7





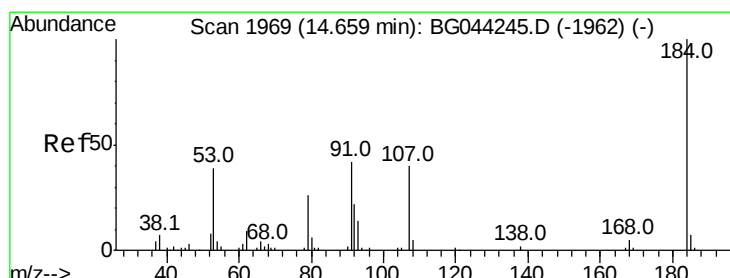
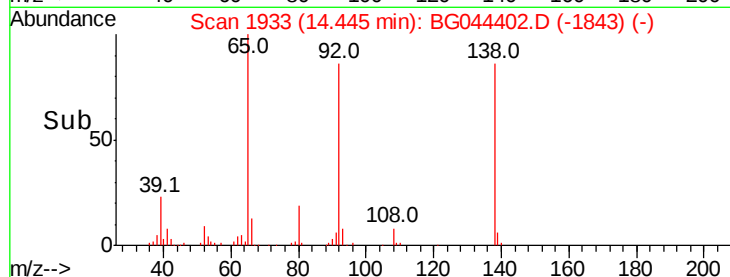
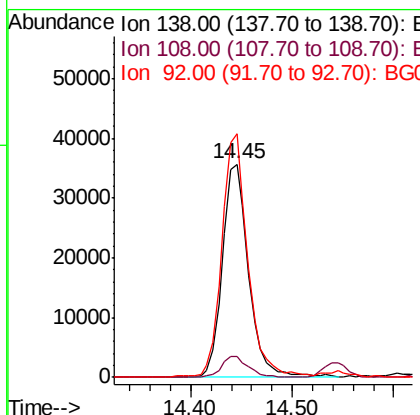
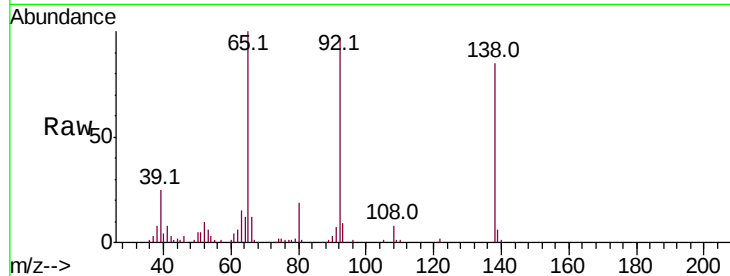
#53
3-Nitroaniline
Concen: 16.874 ng
RT: 14.45 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.9	11.9
92	114.2	91.0	136.4

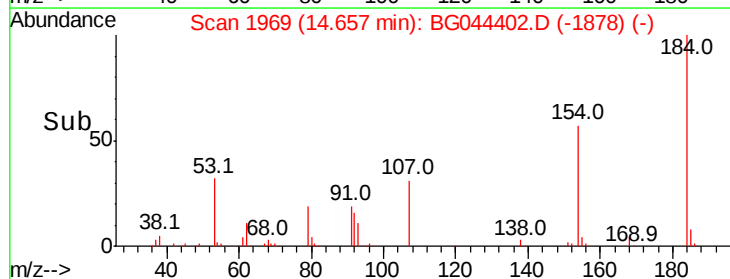
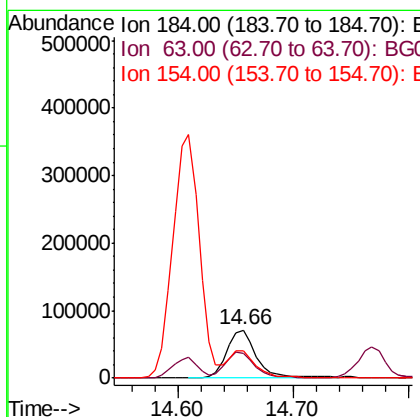
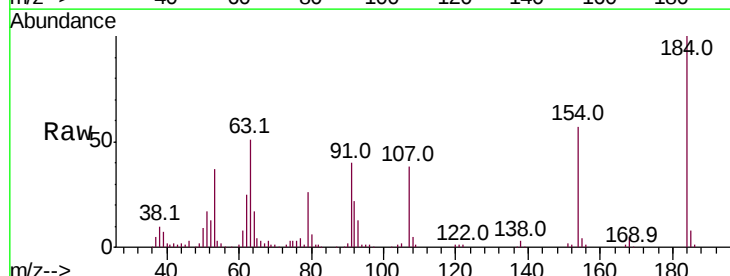
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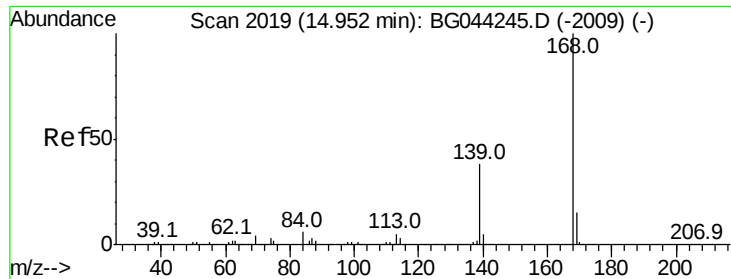
mohammad
2/13/2020 3:32:50 PM



#54
2,4-Dinitrophenol
Concen: 64.161 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.6	44.1	66.1
154	57.1	45.4	68.0





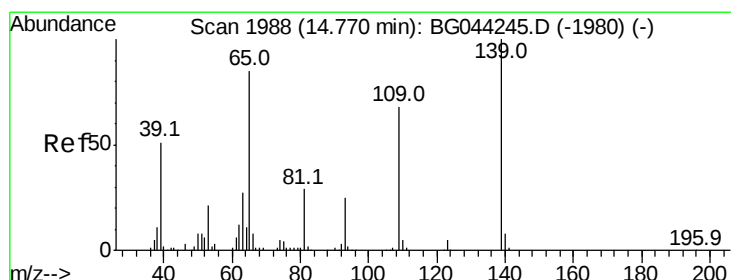
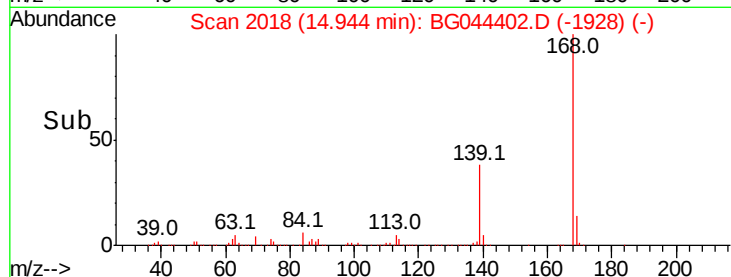
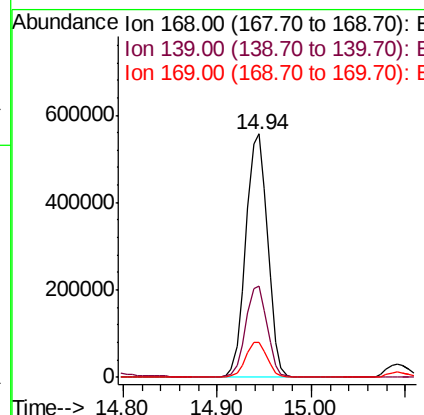
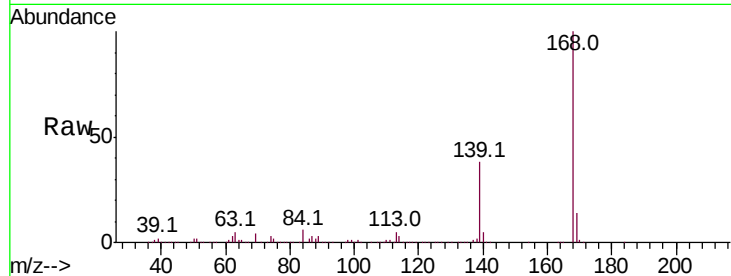
#55
Dibenzofuran
Concen: 50.712 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.5	45.7
169	14.1	11.7	17.5

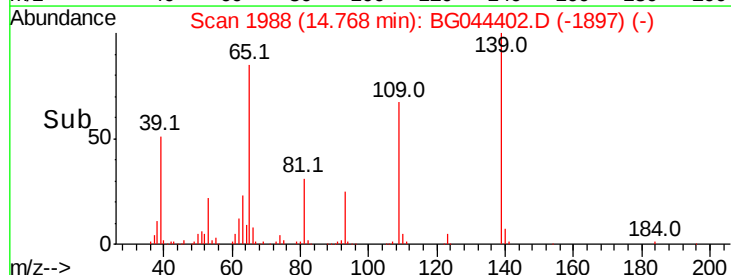
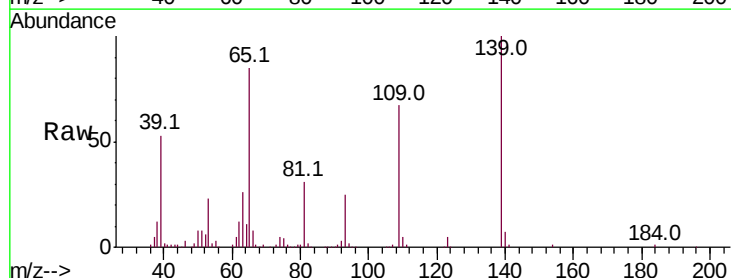
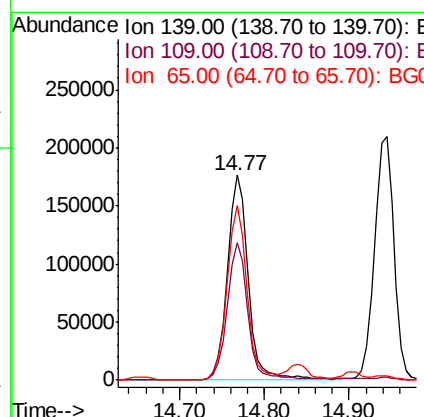
Manual Integrations
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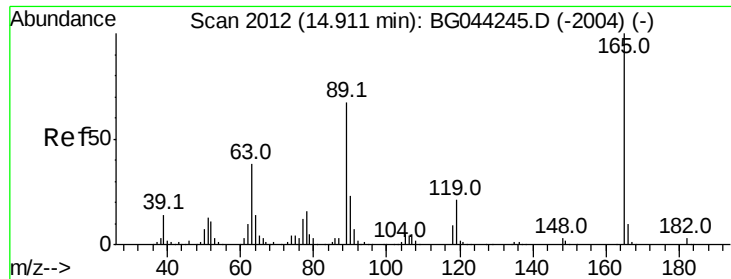
mohammad
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#56
4-Nitrophenol
Concen: 108.870 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.0	47.5	87.5
65	85.1	64.9	104.9





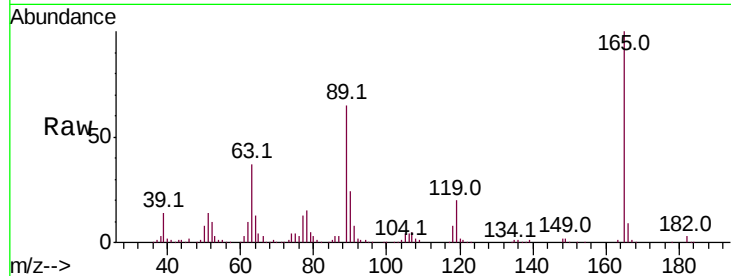
#57
2,4-Dinitrotoluene
Concen: 51.753 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

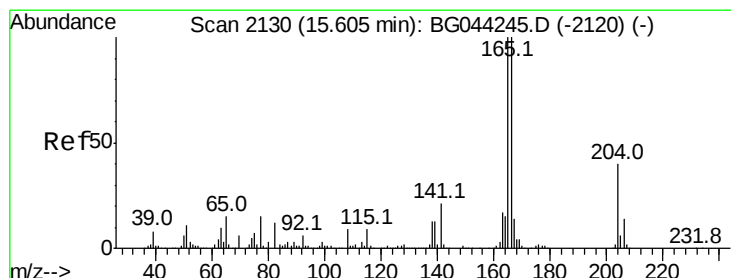
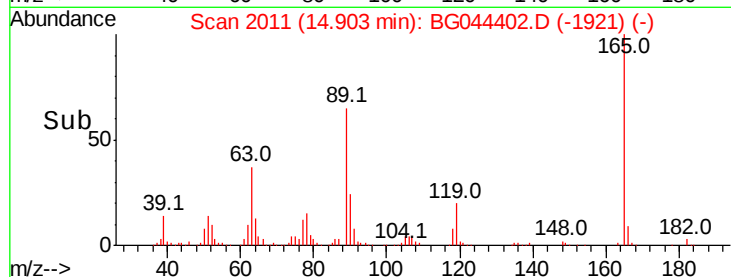
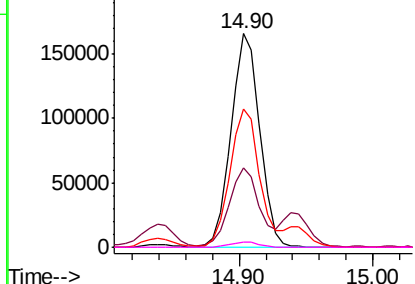
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.2	30.3	45.5	
89	65.0	53.4	80.2	
182	2.7	2.1	3.1	

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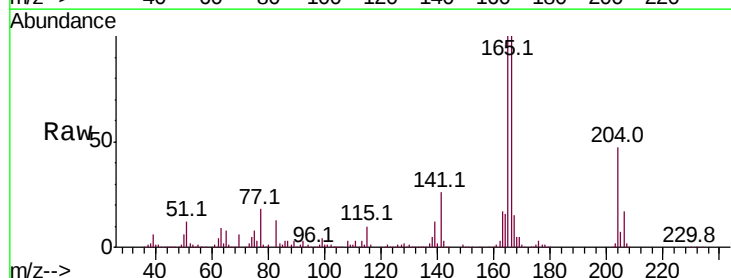


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

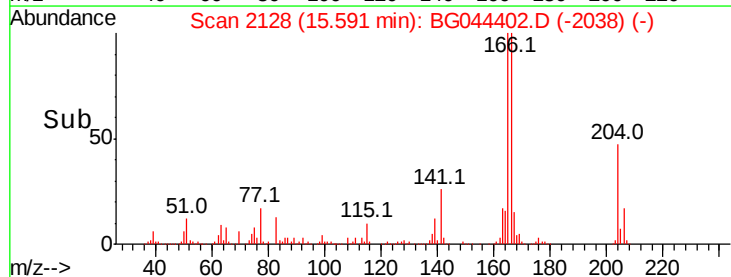
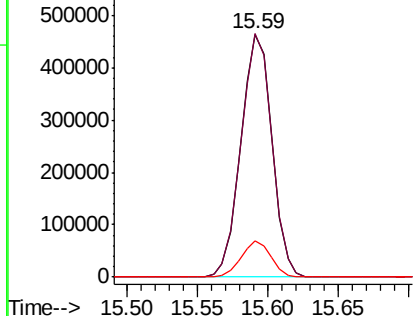


#58
Fluorene
Concen: 51.357 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.3	79.9	119.9	
167	15.0	11.4	17.0	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





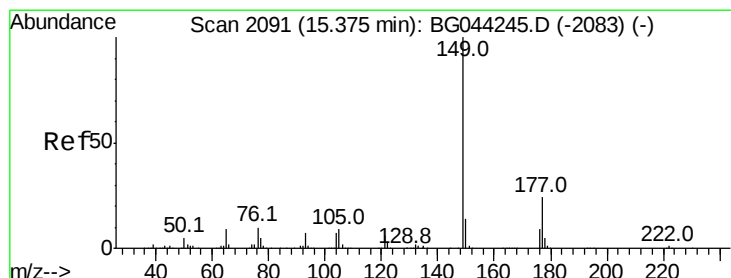
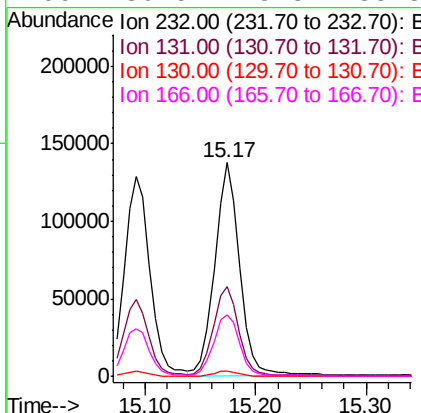
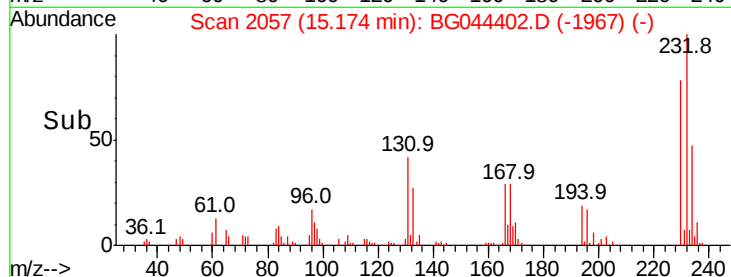
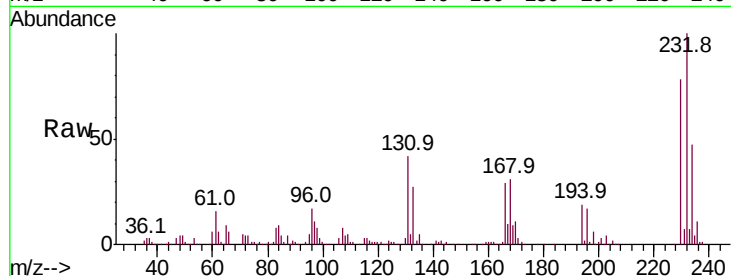
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.594 ng
 RT: 15.17 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BG044402.D
 Acq: 11 Feb 2020 23:49

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	211942		
131	44.0		34.2	51.4
130	2.5		1.8	2.8
166	30.5		23.8	35.8

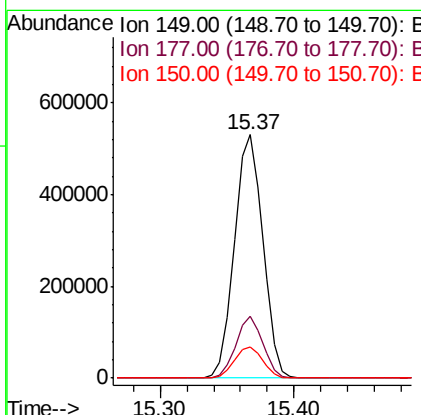
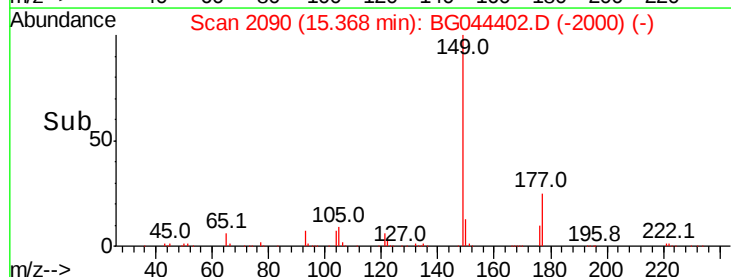
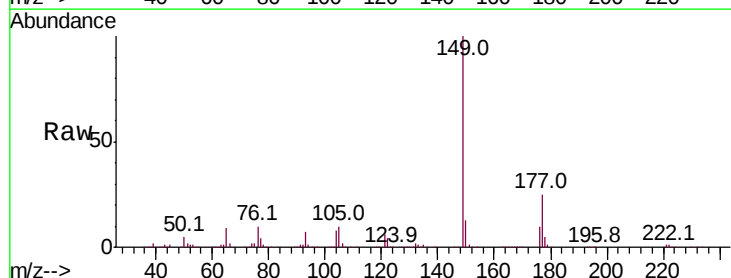
Manual Integrations
 APPROVED

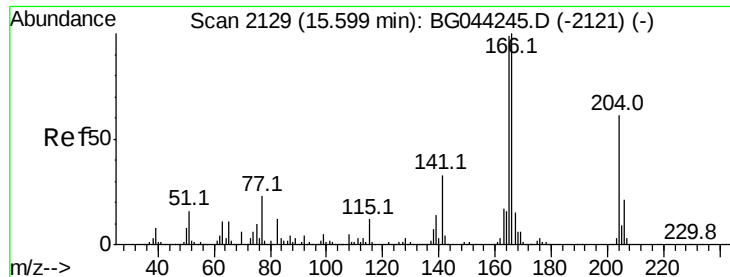
mohammad
 2/13/2020 3:32:50 PM



#60
 Diethylphthalate
 Concen: 51.028 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: BG044402.D
 Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	781105		
177	25.2		19.4	29.0
150	12.9		10.9	16.3





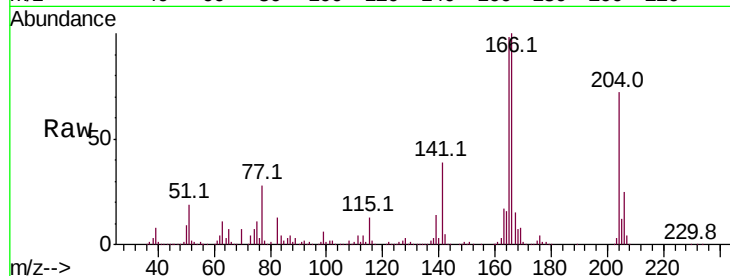
#61
4-Chlorophenyl-phenylether
Concen: 50.320 ng
RT: 15.58 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	27.6	41.4
141	54.3	43.4	65.0

Manual Integrations
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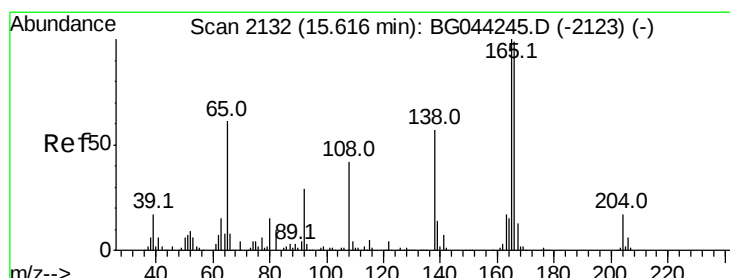
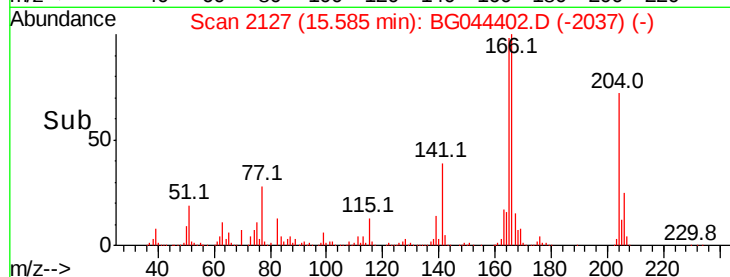
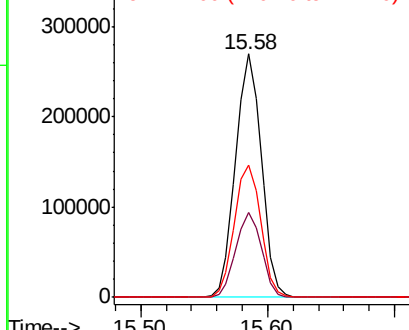


Abundance

Ion 204.00 (203.70 to 204.70): E

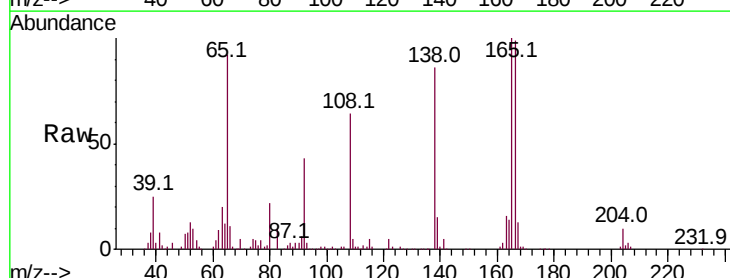
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 47.670 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	31.3	71.3
108	73.9	52.6	92.6

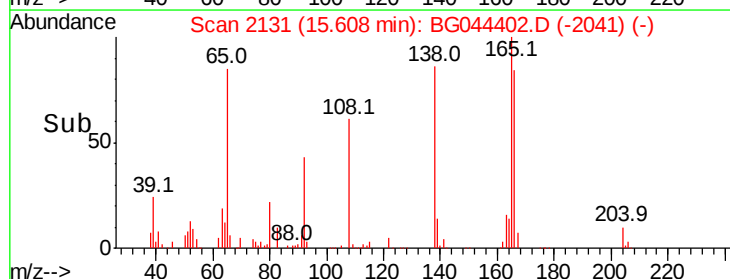
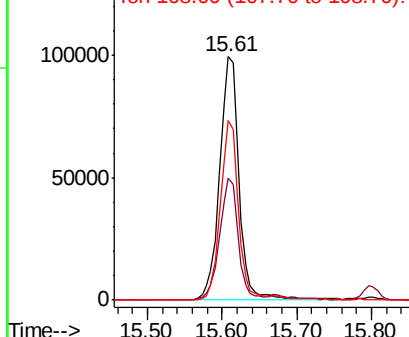


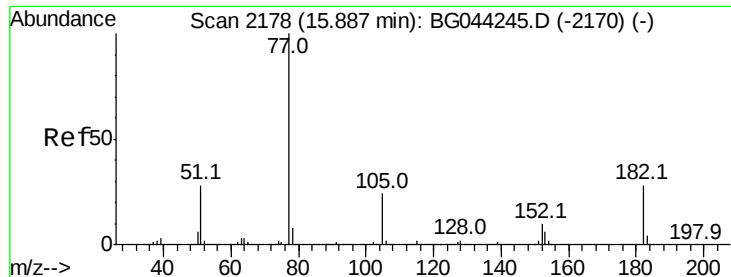
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





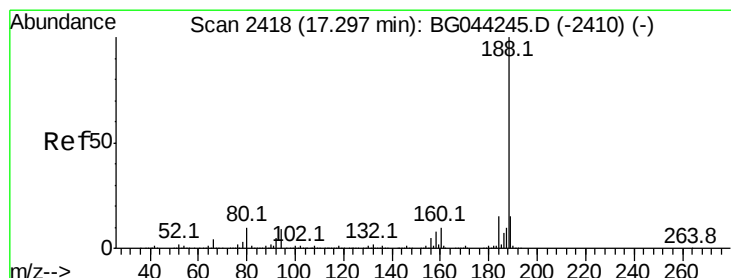
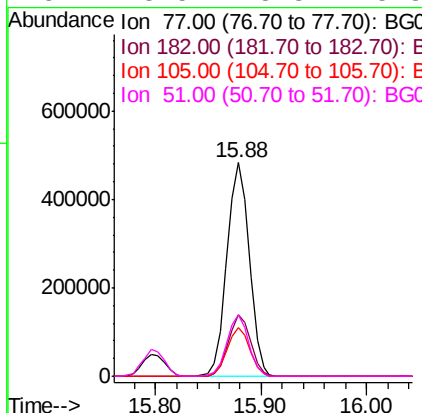
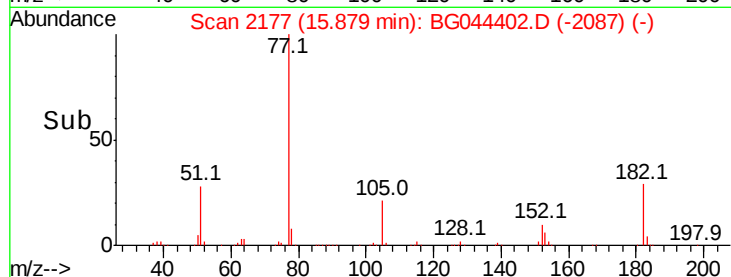
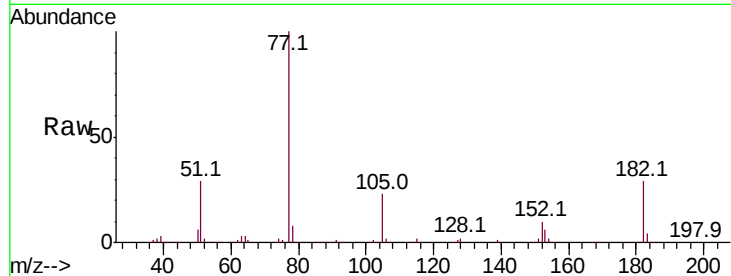
#63
Azobenzene
Concen: 52.482 ng
RT: 15.88 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.9	8.2	48.2		
105	23.1	3.6	43.6		
51	28.5	8.3	48.3		

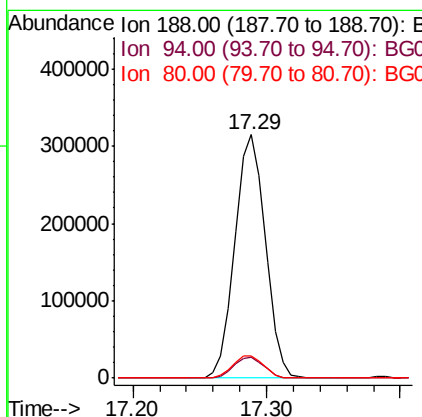
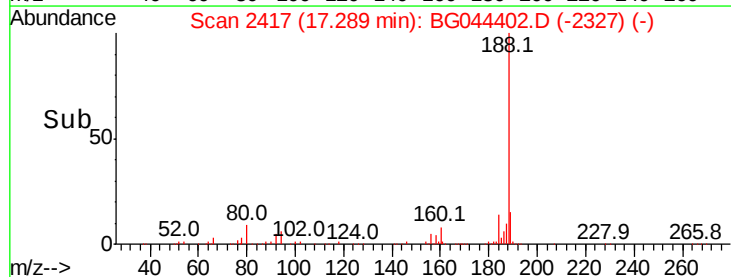
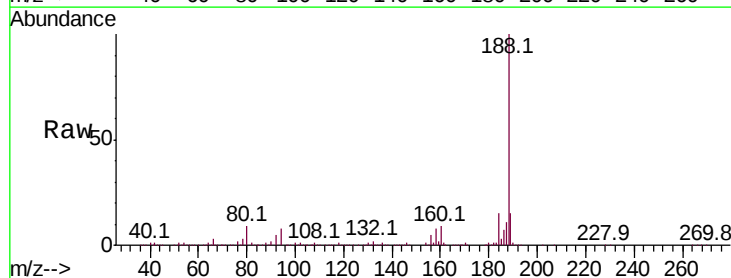
Manual Integrations
APPROVED

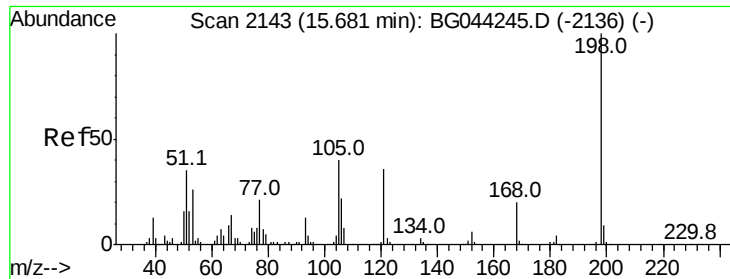
mohammad
2/13/2020 3:32:50 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.4	7.4	11.2		
80	9.2	7.7	11.5		





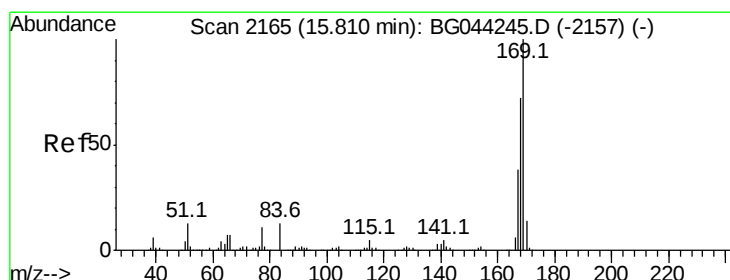
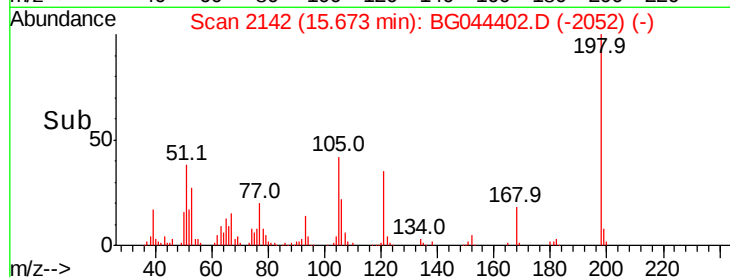
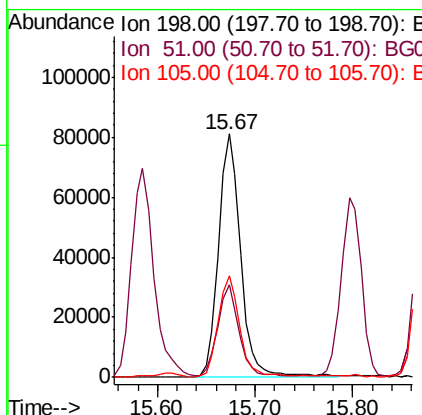
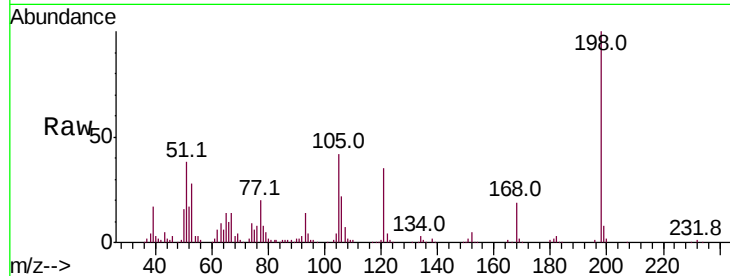
#65
4,6-Dinitro-2-methylphenol
Concen: 46.492 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	128291		
51	38.0		16.6	56.6
105	41.7		20.6	60.6

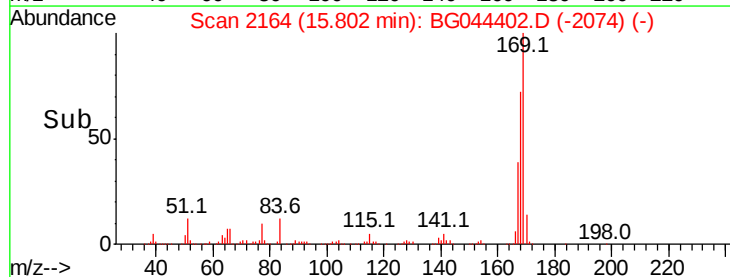
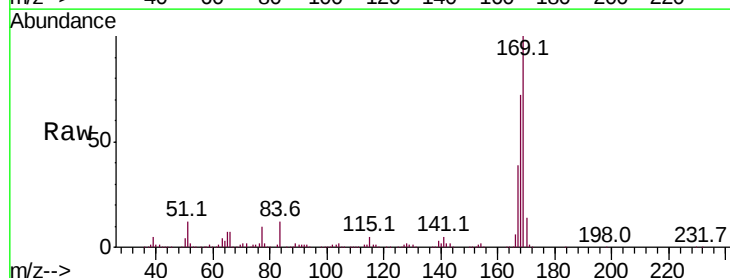
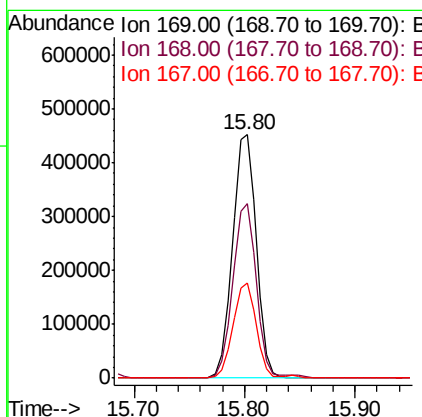
Manual Integrations
APPROVED

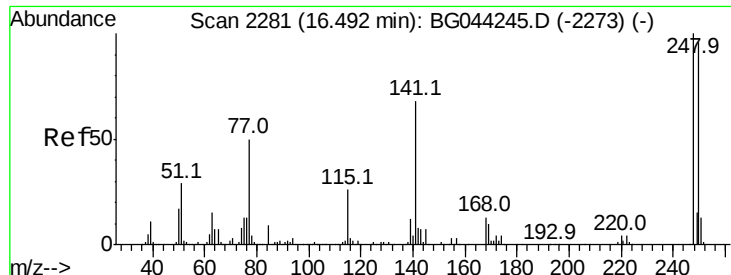
mohammad
2/13/2020 3:32:50 PM



#66
n-Nitrosodiphenylamine
Concen: 48.727 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	682638		
168	71.7		57.9	86.9
167	38.9		30.7	46.1





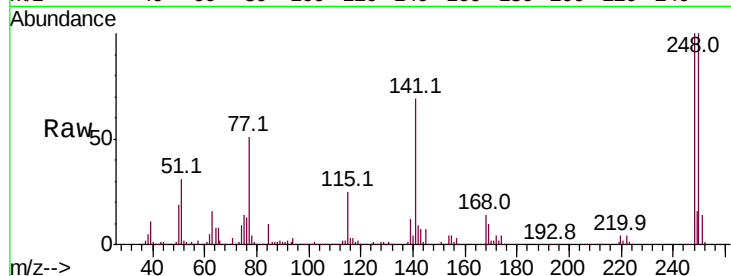
#67
 4-Bromophenyl-phenylether
 Concen: 46.815 ng
 RT: 16.48 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BG044402.D
 Acq: 11 Feb 2020 23:49

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	76.6	114.8
141	69.0	54.7	82.1

Manual Integrations
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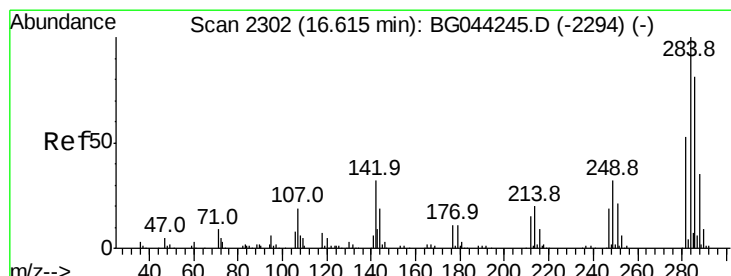
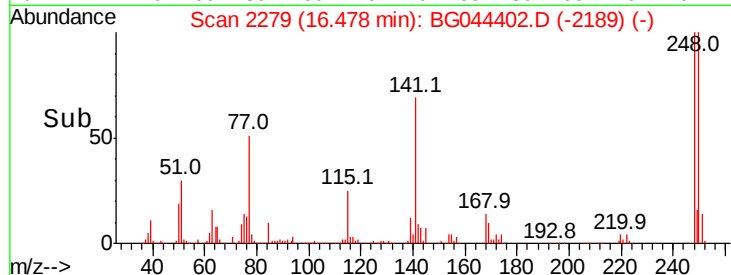
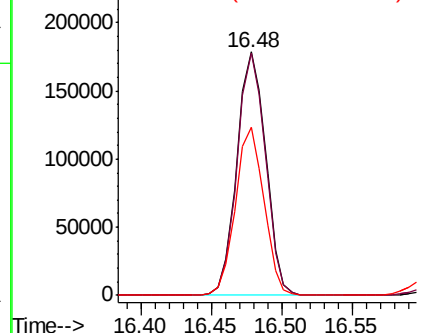


Abundance

Ion 248.00 (247.70 to 248.70): E

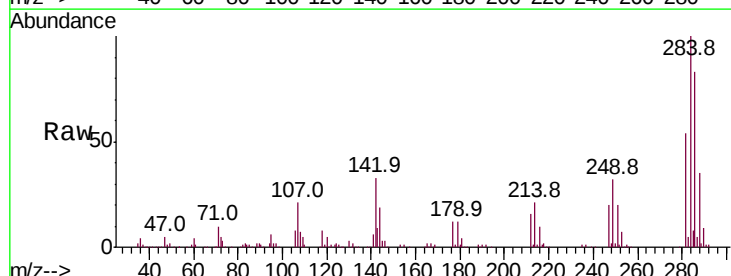
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 45.899 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG044402.D
 Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	25.3	37.9
249	32.0	25.5	38.3

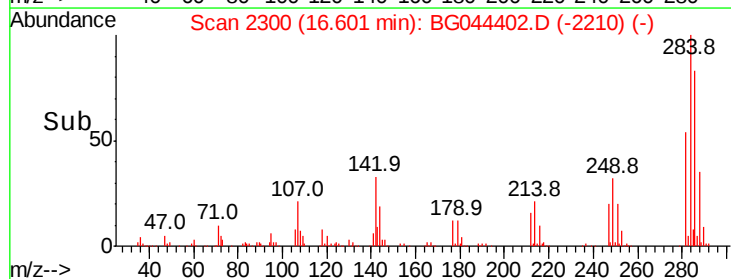
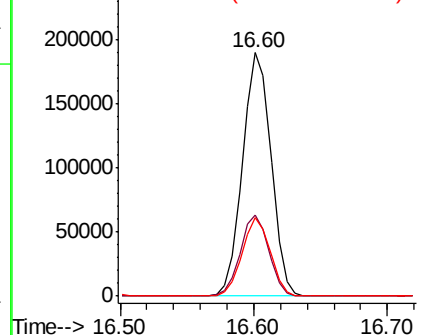


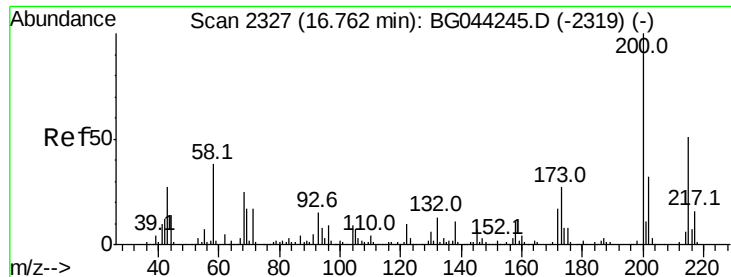
Abundance

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





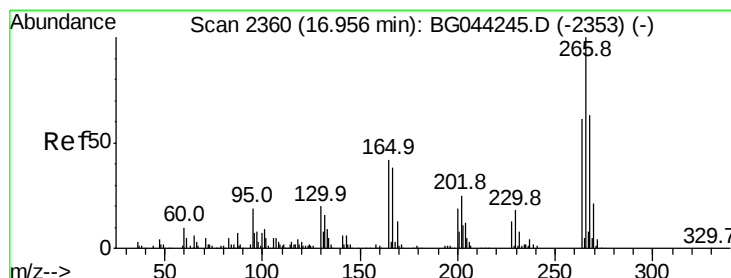
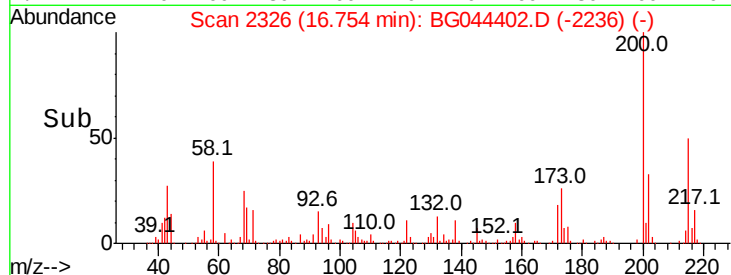
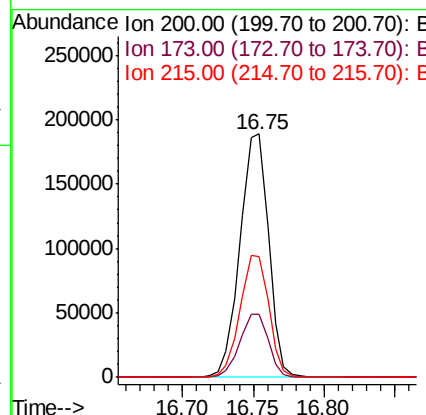
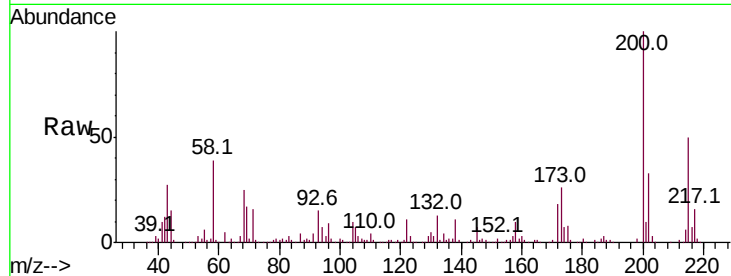
#69
Atrazine
Concen: 55.778 ng
RT: 16.75 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.6	46.6
215	49.5	31.0	71.0

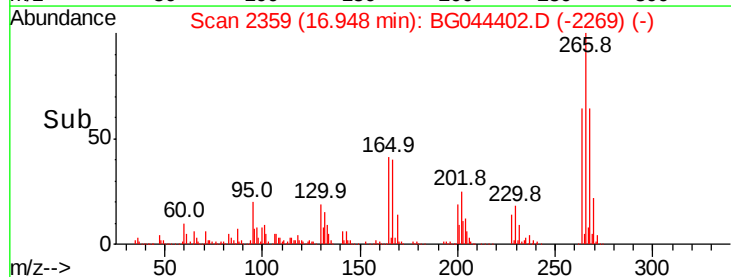
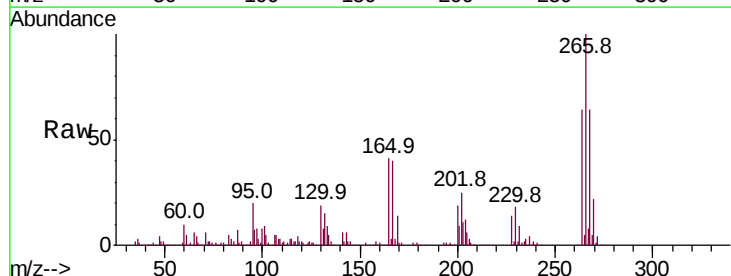
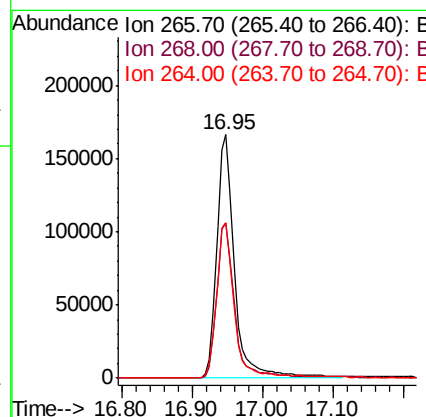
Manual Integrations
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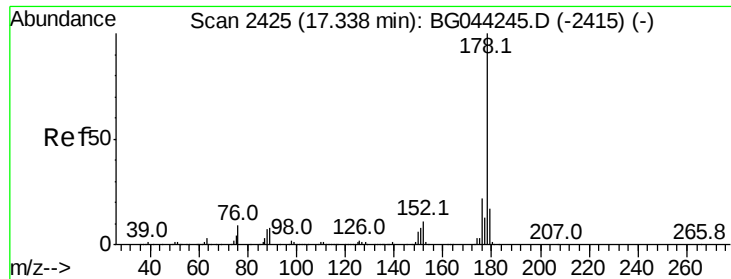
mohammad
2/13/2020 3:32:50 PM



#70
Pentachlorophenol
Concen: 94.407 ng
RT: 16.95 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.6	75.8
264	63.7	48.7	73.1





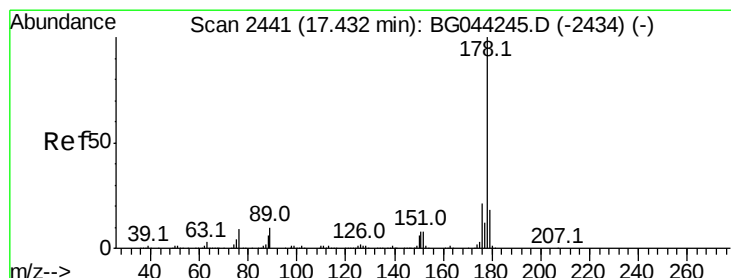
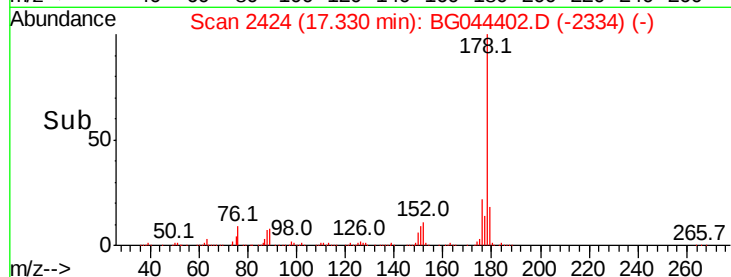
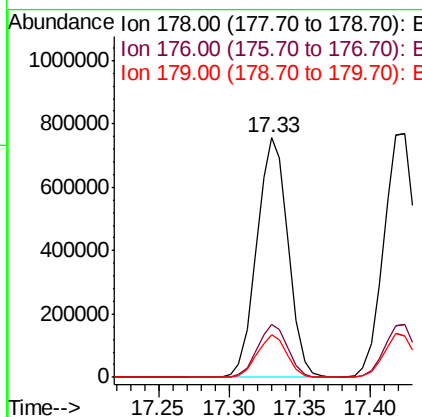
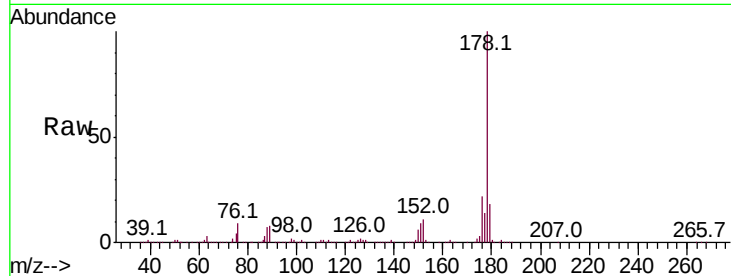
#71
Phenanthrene
Concen: 48.532 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion:178 Resp: 1174812
Ion Ratio Lower Upper
178 100
176 22.1 17.7 26.5
179 17.9 13.7 20.5

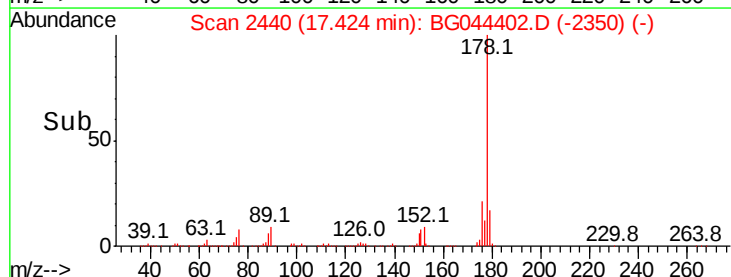
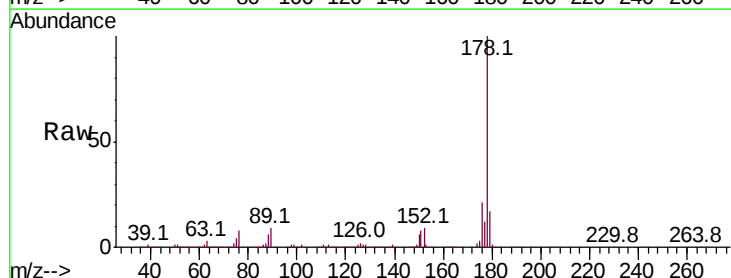
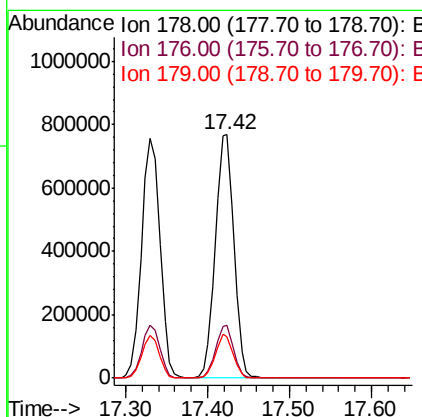
Manual Integrations
APPROVED

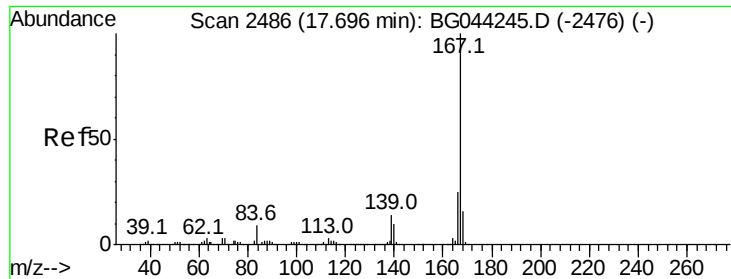
mohammad
2/13/2020 3:32:50 PM



#72
Anthracene
Concen: 50.995 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion:178 Resp: 1220437
Ion Ratio Lower Upper
178 100
176 21.5 17.0 25.4
179 17.2 14.4 21.6





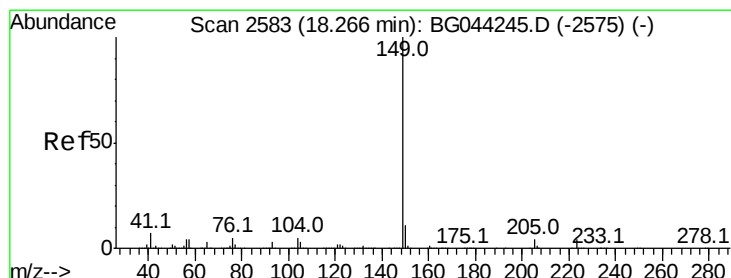
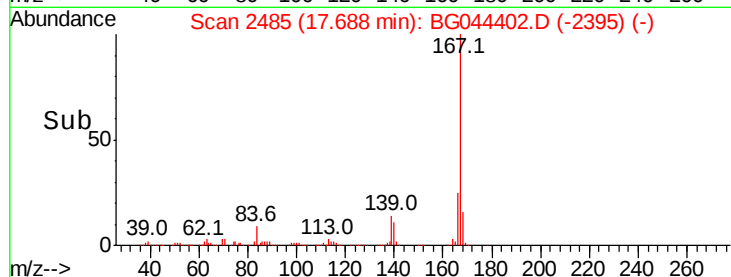
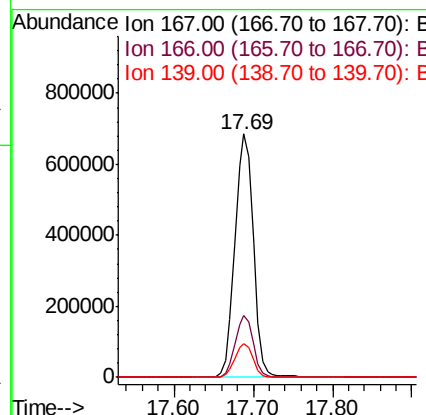
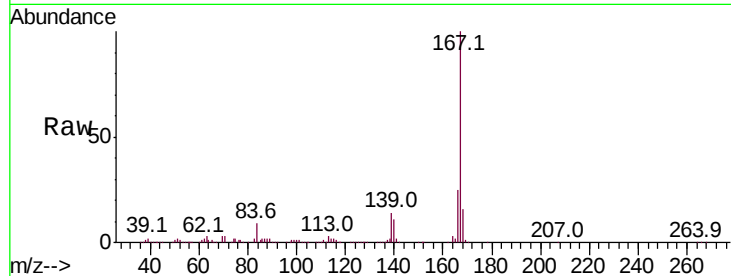
#73
 Carbazole
 Concen: 50.113 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG044402.D
 Acq: 11 Feb 2020 23:49

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.3	19.8	29.6
139	14.0	11.1	16.7

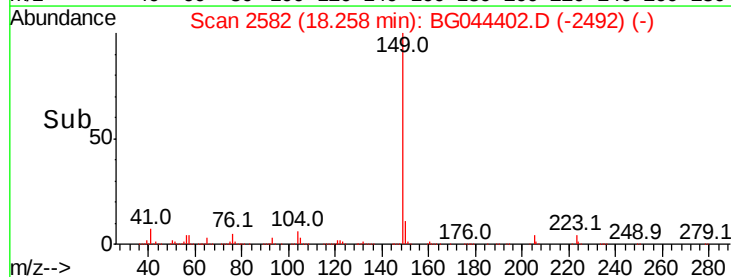
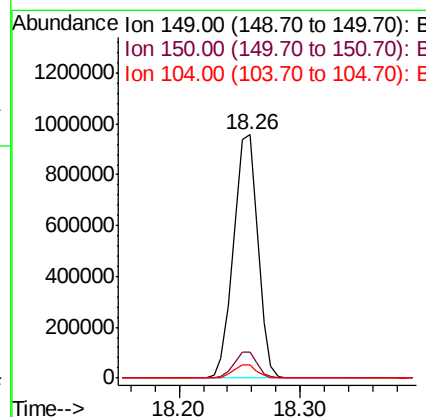
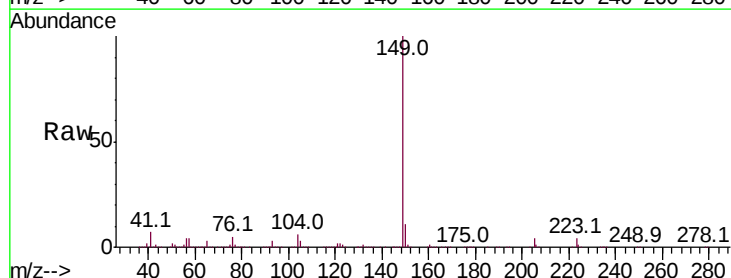
Manual Integrations
 APPROVED

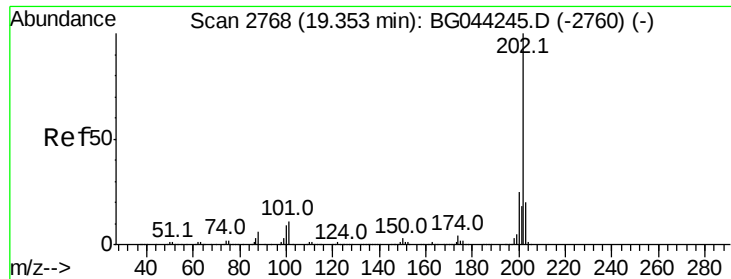
mohammad
 2/13/2020 3:32:50 PM



#74
 Di-n-butylphthalate
 Concen: 49.431 ng
 RT: 18.26 min Scan# 2582
 Delta R.T. 0.00 min
 Lab File: BG044402.D
 Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.7	13.1
104	5.5	4.3	6.5





#75

Fluoranthene

Concen: 50.031 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Instrument :

BNA_G

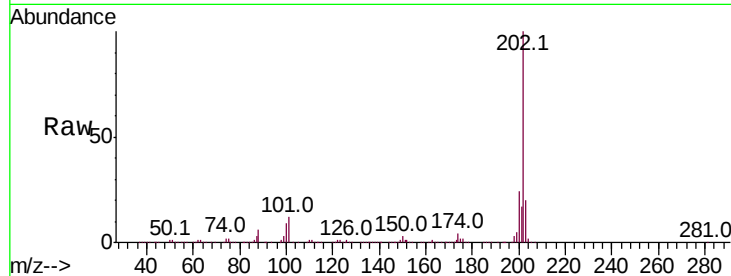
ClientSampleId :

HAM-WC-S-SB-BCMSD

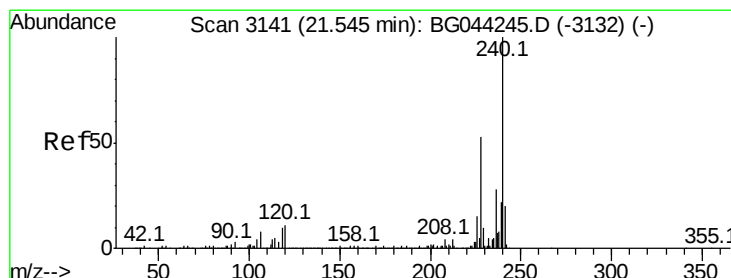
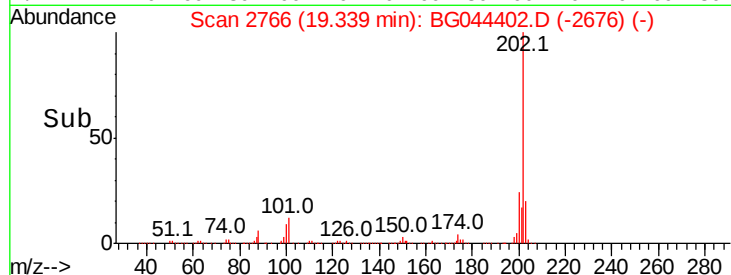
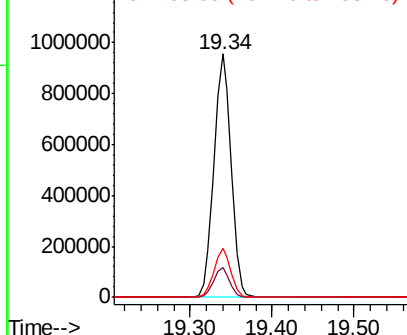
Tot Ion:	202	Resp:	1401015
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	31.3
203	20.1	0.0	39.9

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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: 21.54 min Scan# 3140

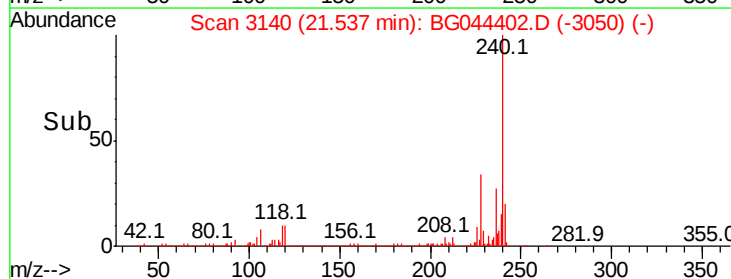
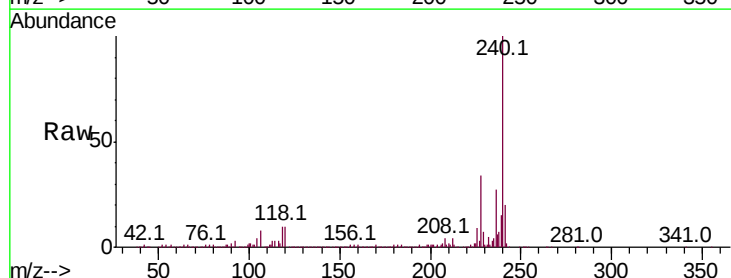
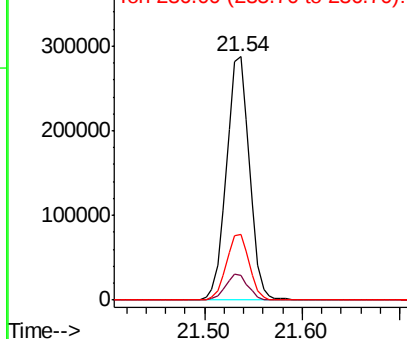
Delta R.T. 0.00 min

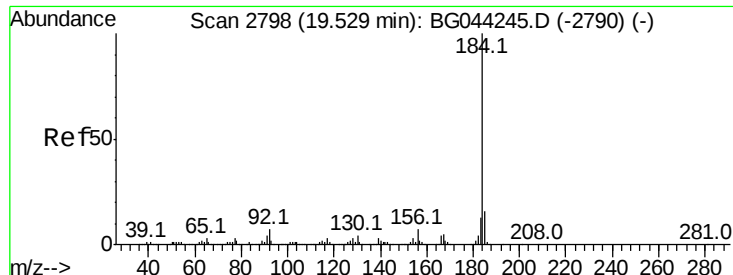
Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Tgt Ion:	240	Resp:	468587
Ion Ratio	Lower	Upper	
240	100		
120	9.9	8.4	12.6
236	26.9	22.1	33.1

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: 27.457 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Instrument :

BNA_G

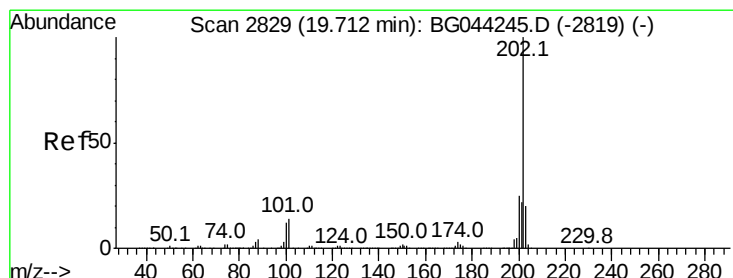
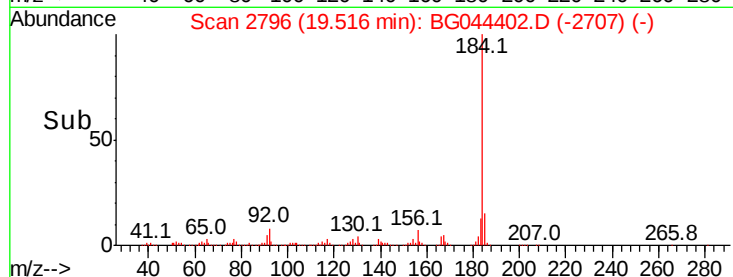
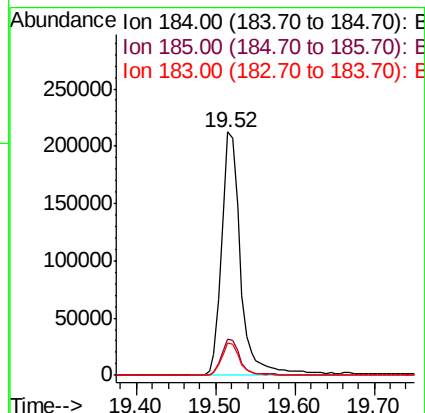
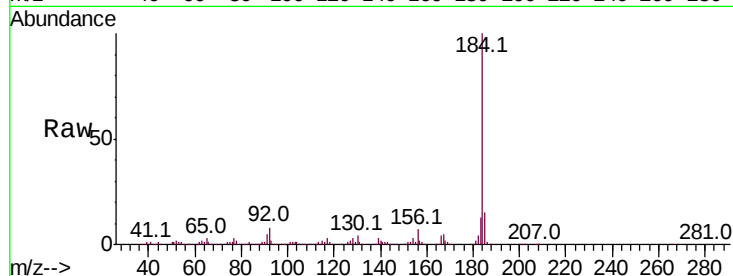
ClientSampleId :

HAM-WC-S-SB-BCMSD

Tot Ion:	184	Resp:	356877
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.9	19.3
183	13.1	10.8	16.2

Manual Integrations
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#78

Pyrene

Concen: 46.538 ng

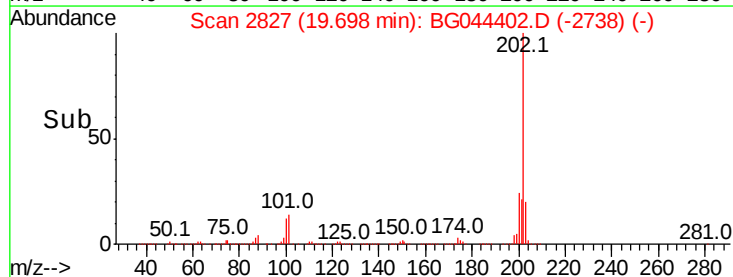
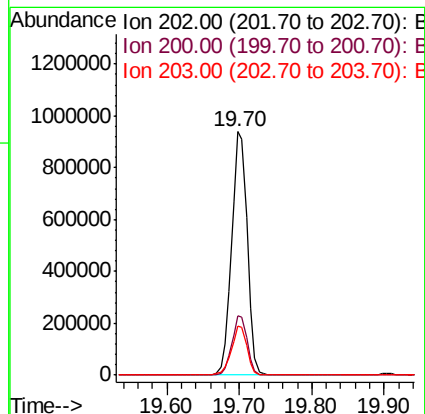
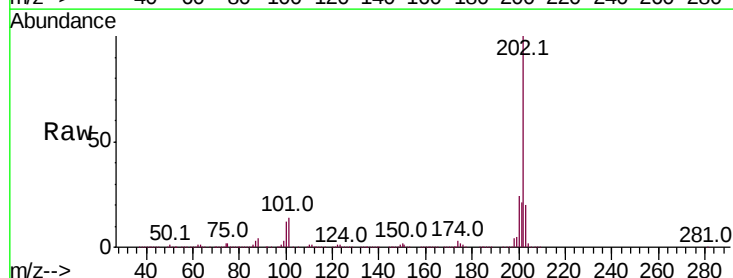
RT: 19.70 min Scan# 2827

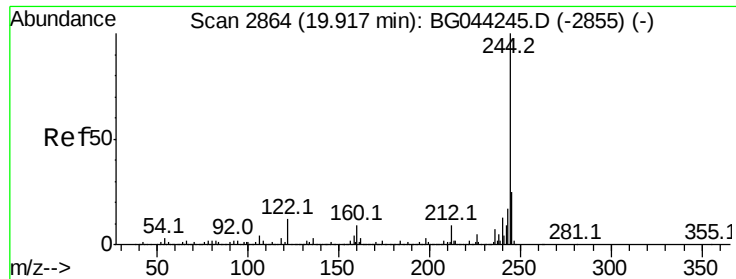
Delta R.T. -0.01 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Tgt Ion:	202	Resp:	1400465
Ion Ratio	Lower	Upper	
202	100		
200	24.4	20.0	30.0
203	20.3	16.2	24.2





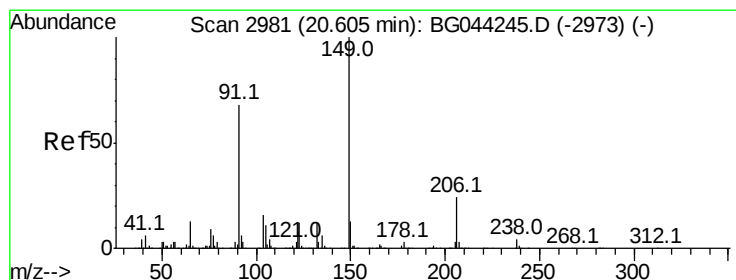
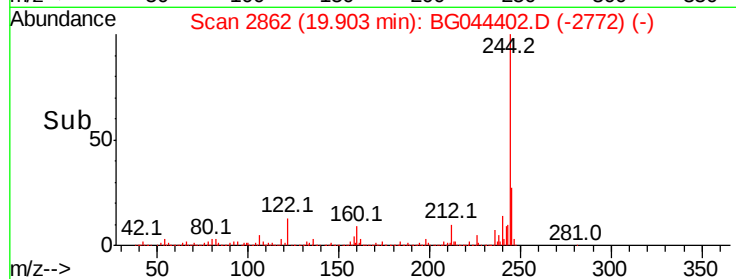
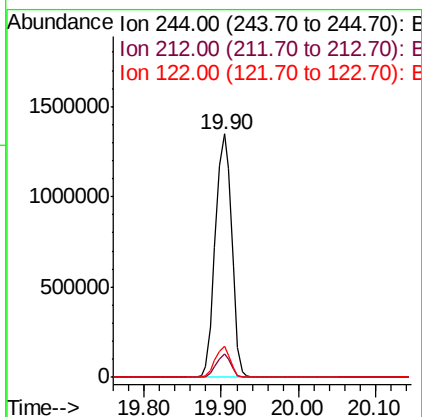
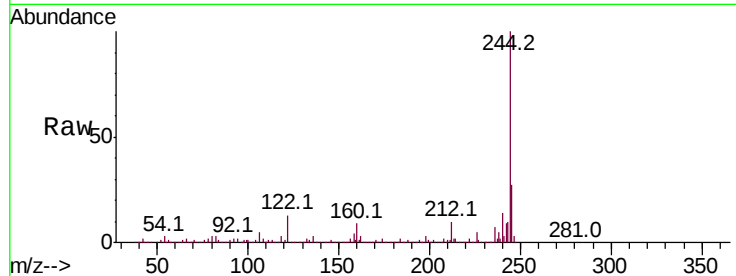
#79
 Terphenyl-d14
 Concen: 86.632 ng
 RT: 19.90 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG044402.D
 Acq: 11 Feb 2020 23:49

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.4	11.2
122	12.7	9.8	14.6

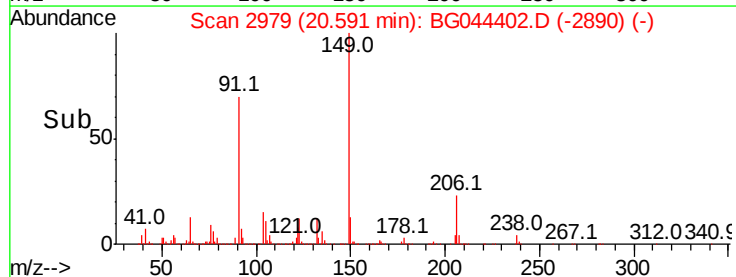
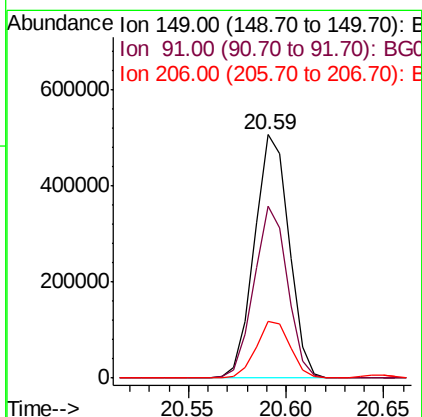
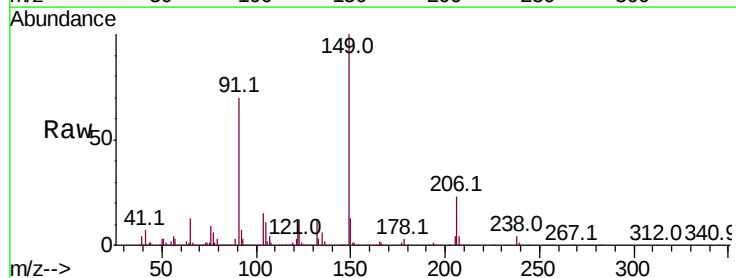
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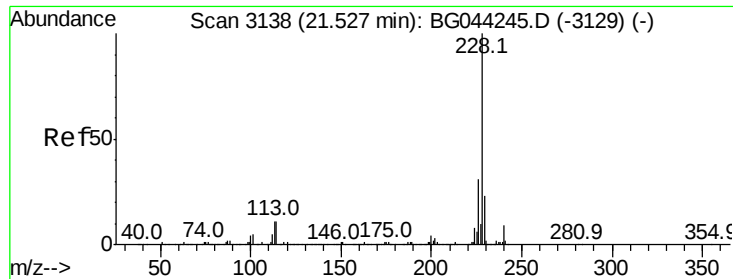
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#80
 Butylbenzylphthalate
 Concen: 45.507 ng
 RT: 20.59 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BG044402.D
 Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.4	54.5	81.7
206	23.2	19.1	28.7





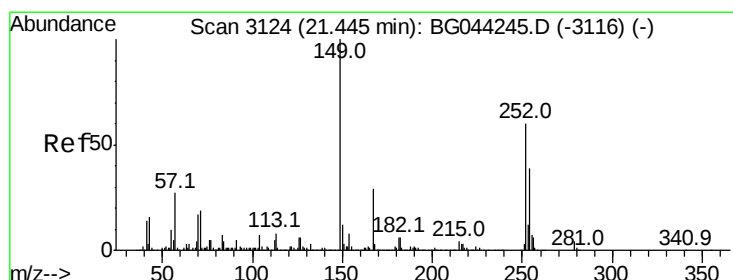
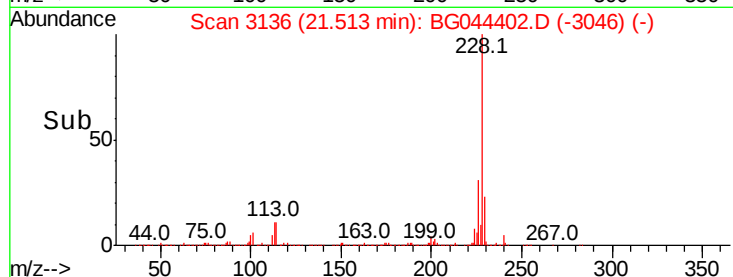
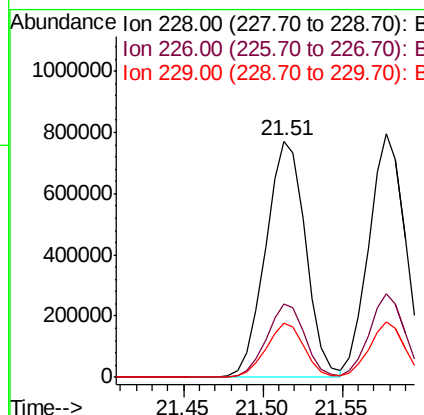
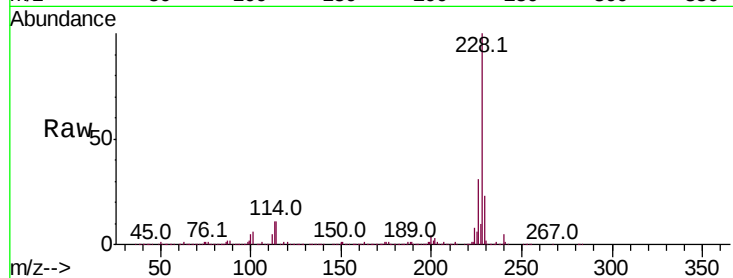
#81
Benzo(a)anthracene
Concen: 46.794 ng
RT: 21.51 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	23.0	18.2	27.4

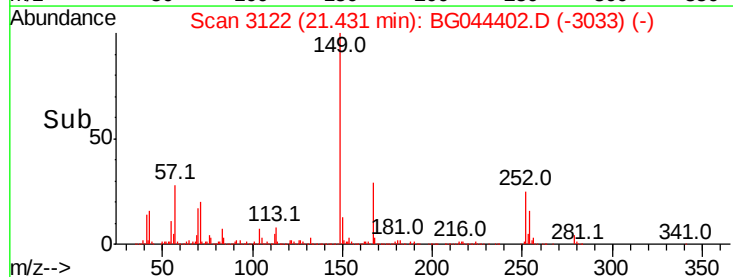
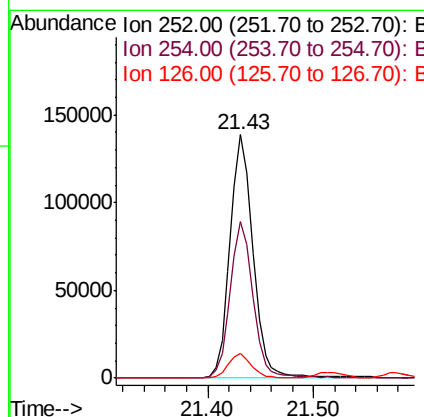
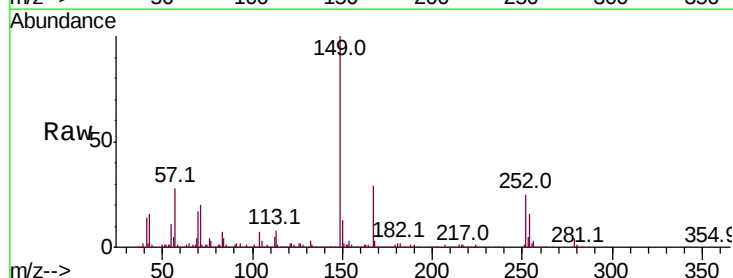
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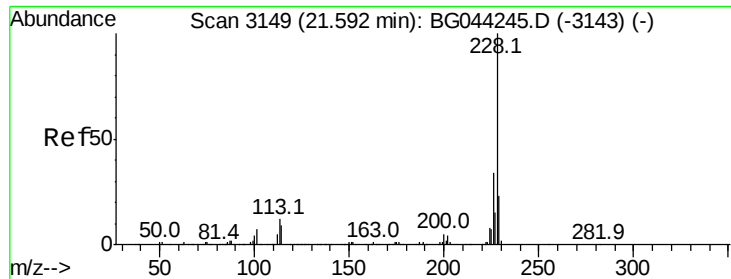
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 18.686 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	78.8
126	9.9	8.2	12.4





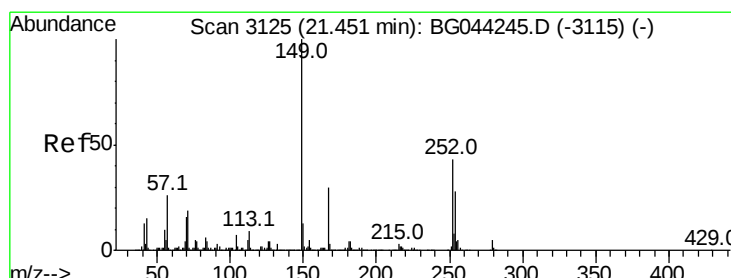
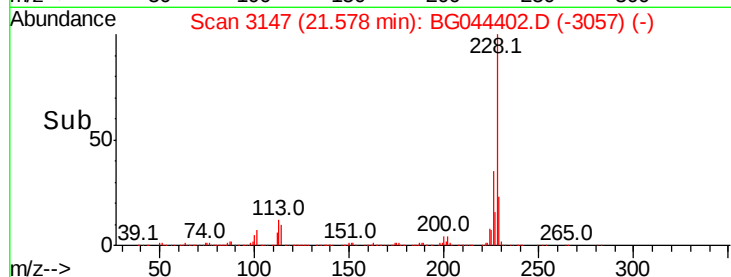
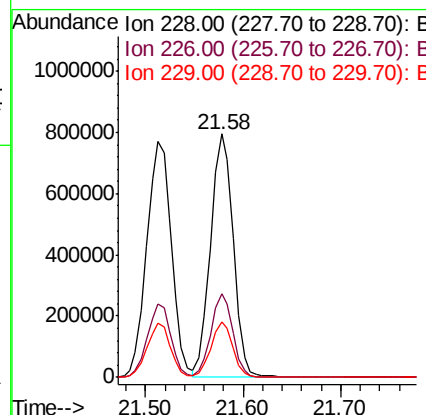
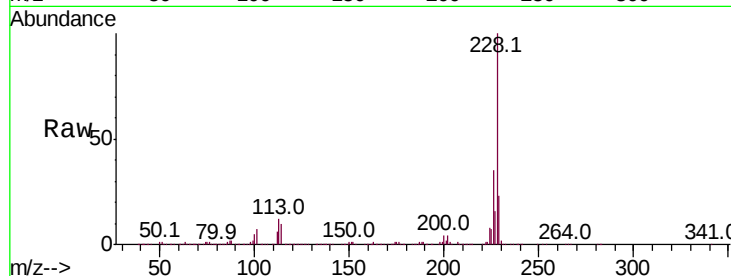
#83
 Chrvsene
 Concen: 45.775 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: BG044402.D
 Acq: 11 Feb 2020 23:49

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-BCMSD

Tot Ion:228 Resp: 1277809
 Ion Ratio Lower Upper
 228 100
 226 34.6 27.1 40.7
 229 22.9 17.9 26.9

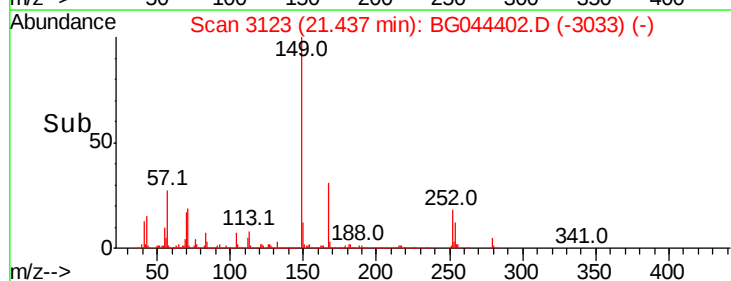
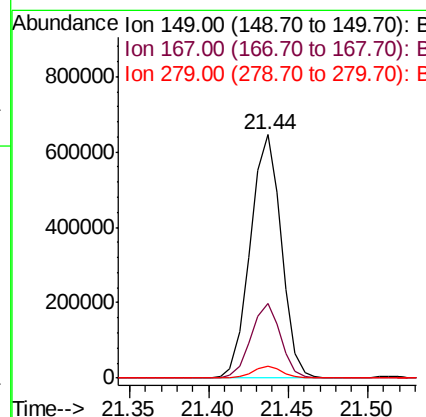
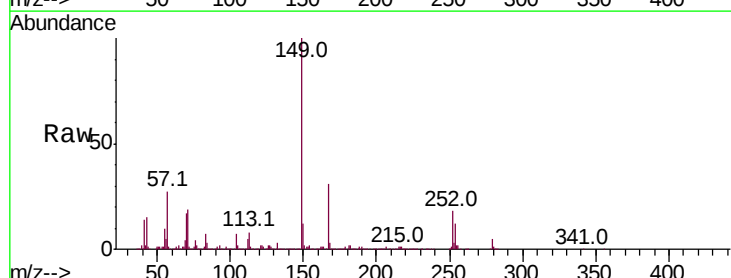
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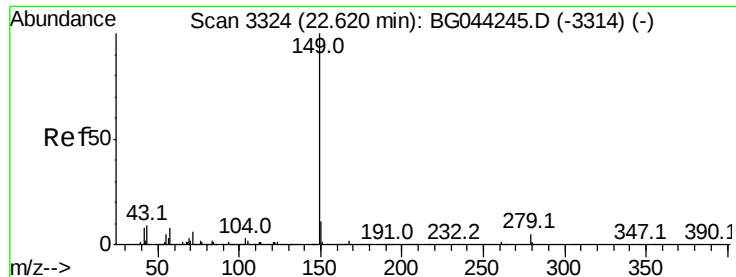
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.615 ng
 RT: 21.44 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BG044402.D
 Acq: 11 Feb 2020 23:49

Tgt Ion:149 Resp: 879897
 Ion Ratio Lower Upper
 149 100
 167 30.9 24.0 36.0
 279 4.8 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 47.098 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.01 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMSD

Tot Ion:149 Resp: 1538169

Ion Ratio Lower Upper

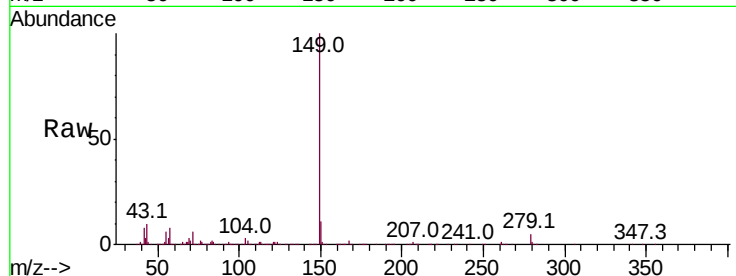
149 100

167 1.7 1.3 1.9

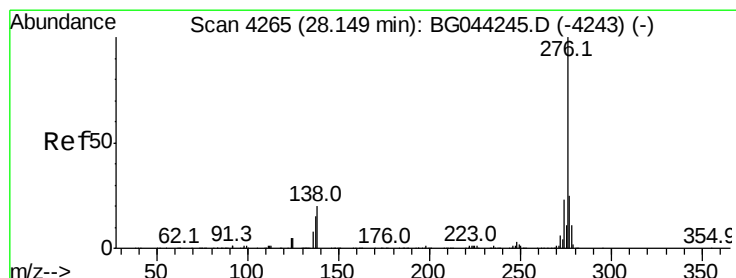
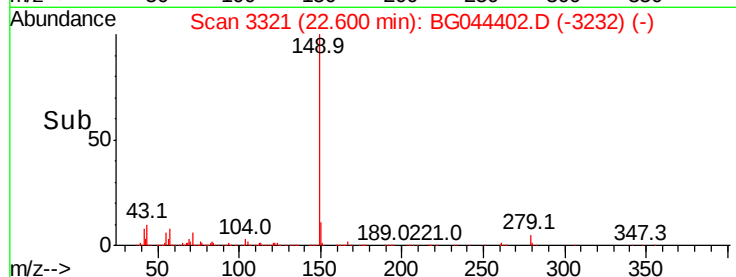
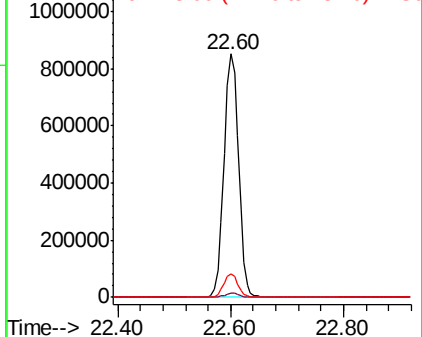
43 9.1 7.4 11.0

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.328 ng

RT: 28.12 min Scan# 4260

Delta R.T. 0.00 min

Lab File: BG044402.D

Acq: 11 Feb 2020 23:49

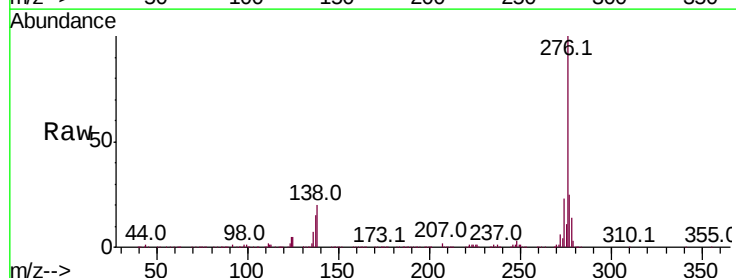
Tgt Ion:276 Resp: 1687219

Ion Ratio Lower Upper

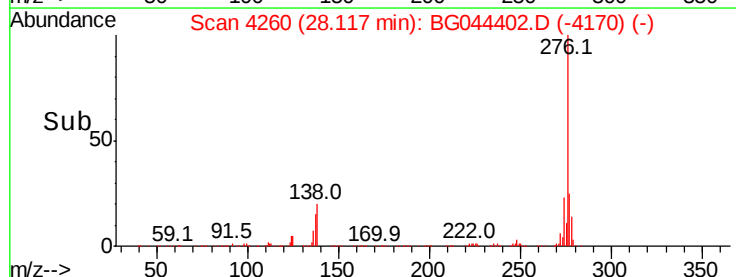
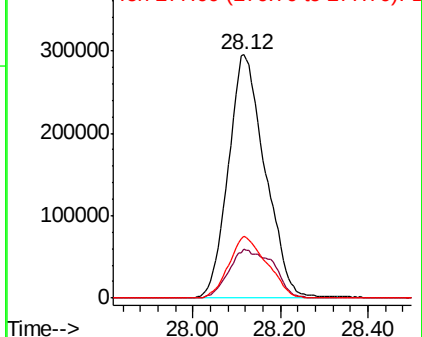
276 100

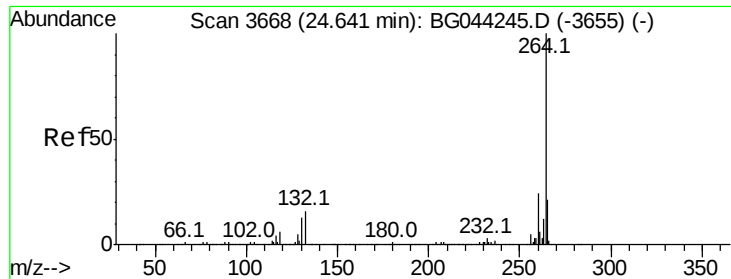
138 24.3 19.4 29.0

277 26.3 21.0 31.6



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





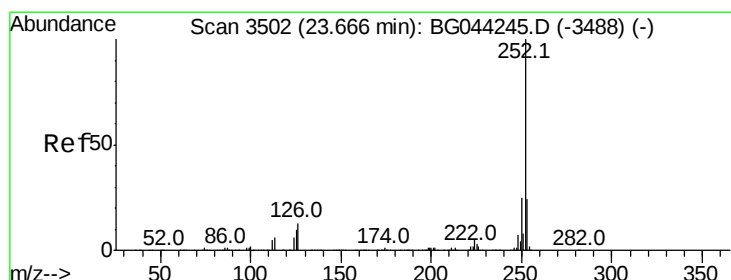
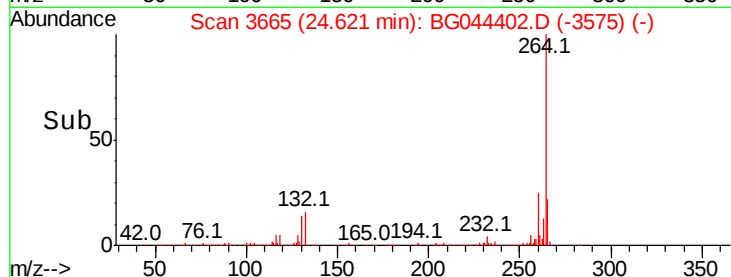
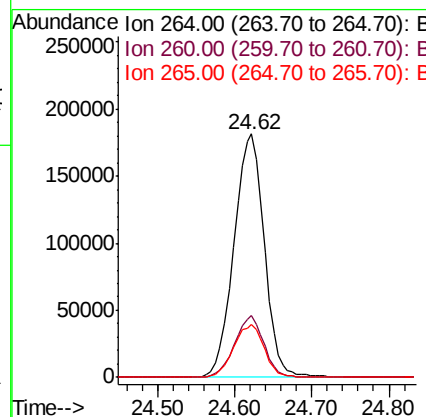
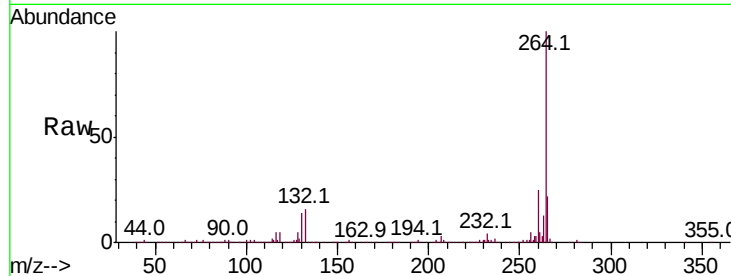
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3665
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.2
265	21.8	16.7	25.1

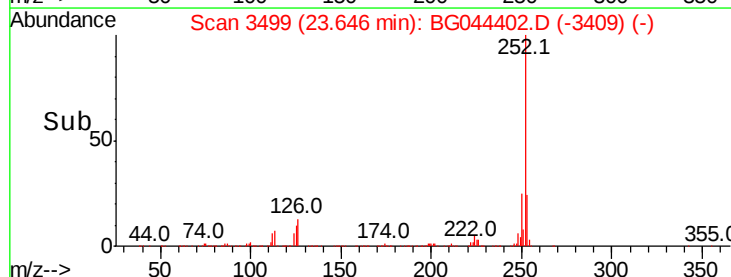
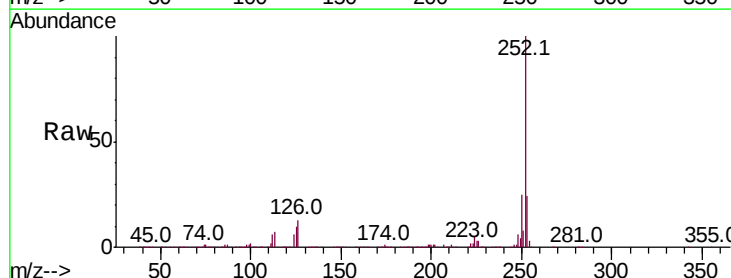
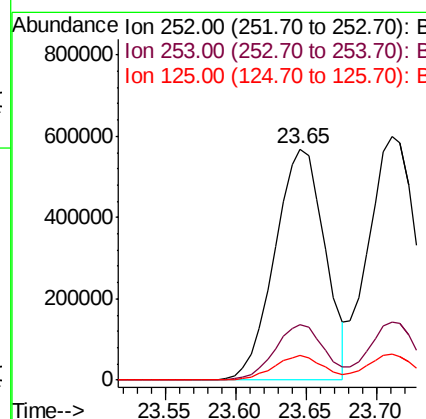
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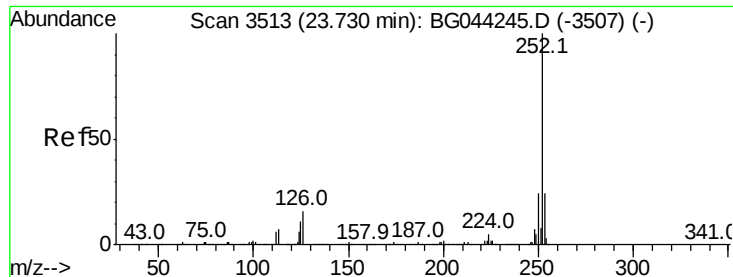
mohammad
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#88
Benzo(b)fluoranthene
Concen: 48.942 ng
RT: 23.65 min Scan# 3499
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.2	28.8
125	10.5	8.4	12.6





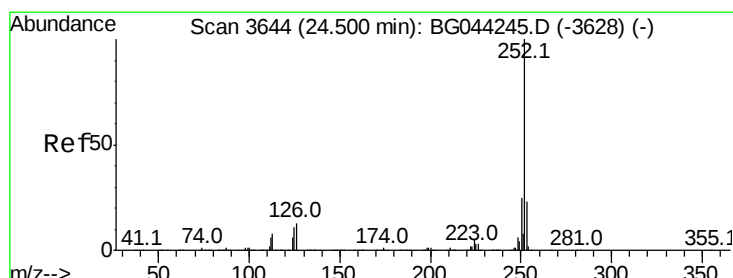
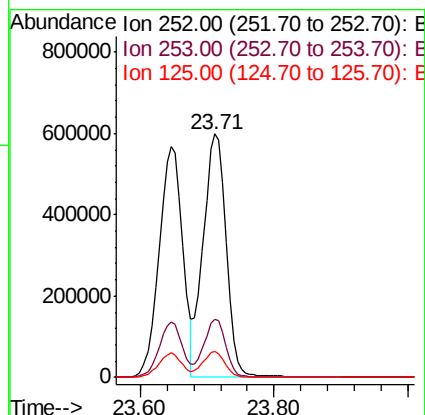
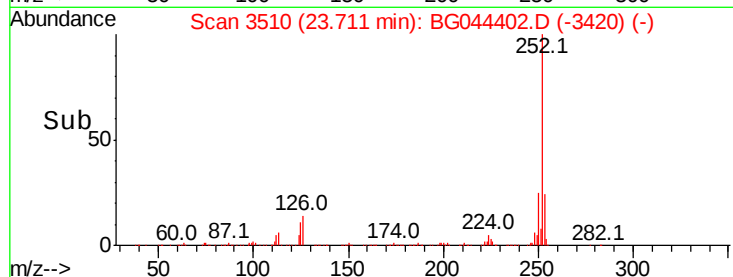
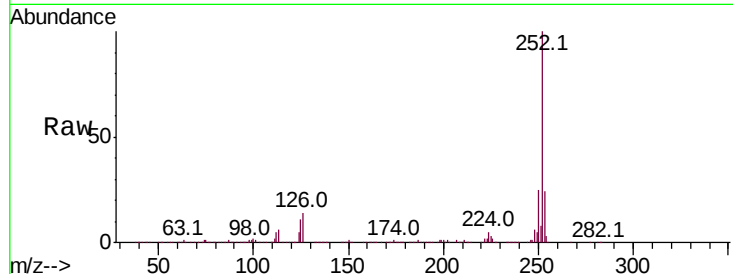
#89
Benzo(k)fluoranthene
Concen: 50.787 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.1	28.7
125	10.6	8.6	12.8

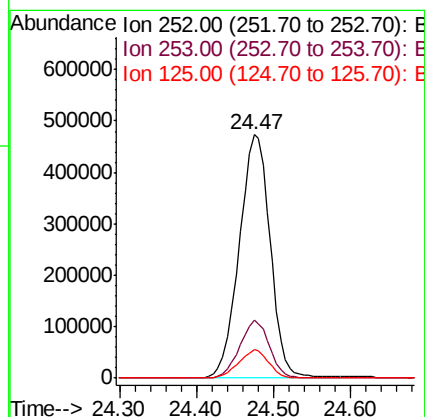
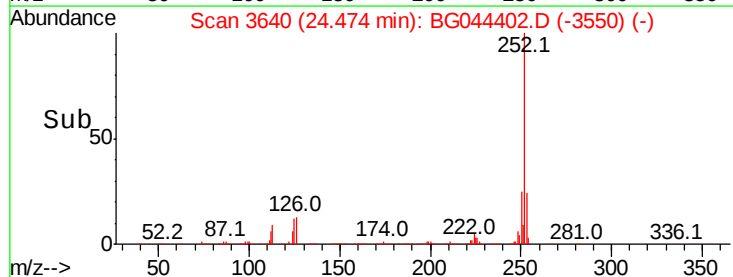
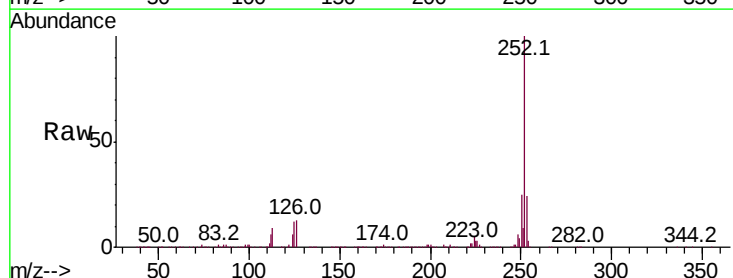
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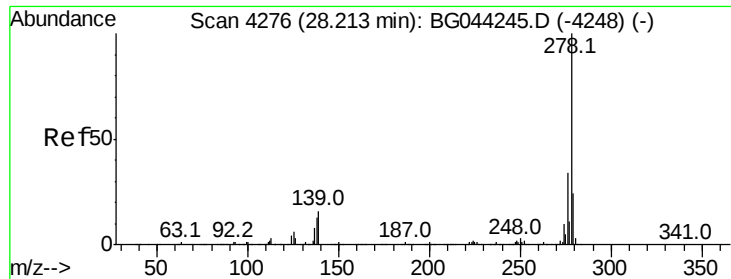
mohammad
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#90
Benzo(a)pyrene
Concen: 49.061 ng
RT: 24.47 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	11.6	8.6	13.0





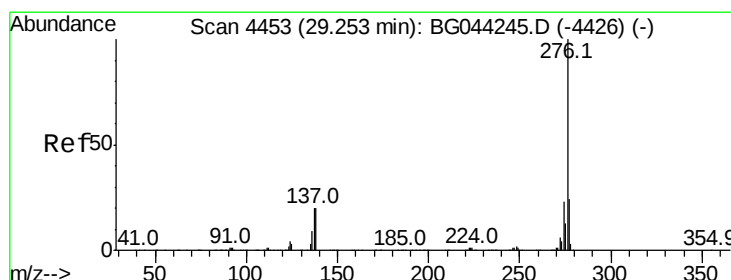
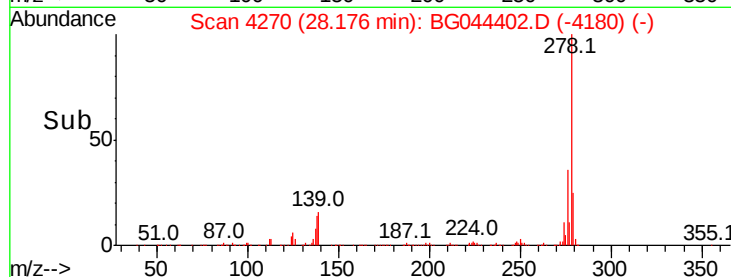
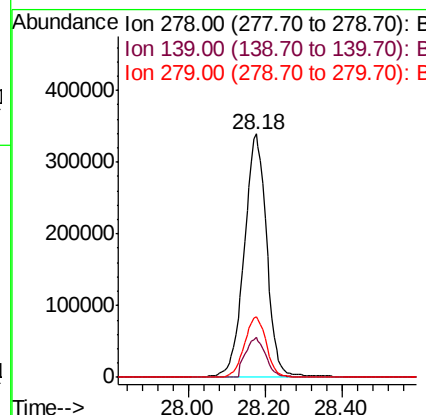
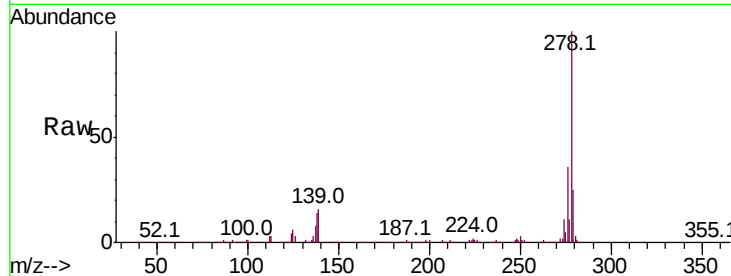
#91
Dibenzo(a,h)anthracene
Concen: 51.341 ng
RT: 28.18 min Scan# 4270
Delta R.T. 0.00 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.7	19.1
279	24.8	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/13/2020 3:32:50 PM



#92
Benzo(g,h,i)perylene
Concen: 52.591 ng
RT: 29.21 min Scan# 4446
Delta R.T. 0.01 min
Lab File: BG044402.D
Acq: 11 Feb 2020 23:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	20.3	16.2	24.2

