

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043609.D
 Acq On : 12 Nov 2019 8:41
 Operator : JU
 Sample : K5762-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-XMSD

Manual Integrations
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mohammad
 11/12/2019 5:04:23 PM

Quant Time: Nov 12 10:29:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	43303	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	165868	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	118142	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	252427	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	225252	20.00	ng	-0.01
87) Perylene-d12	24.83	264	273070	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	150804	63.82	ng	0.01
7) Phenol-d6	7.21	99	148138	43.57	ng	0.01
23) Nitrobenzene-d5	9.17	82	263990	82.05	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	166493	74.05	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	692784	81.03	ng	0.00
79) Terphenyl-d14	19.99	244	999364	83.23	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	18577	20.173	ng	# 90
3) Pyridine	3.86	79	36947	15.905	ng	96
4) n-Nitrosodimethylamine	3.78	42	30963	26.414	ng	# 85
6) Aniline	7.33	93	17233	4.400	ng	# 74
8) 2-Chlorophenol	7.58	128	112553	43.147	ng	98
9) Benzaldehyde	7.14	77	66252	39.651	ng	95
10) Phenol	7.24	94	96696	31.123	ng	95
11) bis(2-Chloroethyl)ether	7.42	93	93993	39.130	ng	99
12) 1,3-Dichlorobenzene	7.89	146	111604	34.147	ng	97
13) 1,4-Dichlorobenzene	8.04	146	117543	35.546	ng	98
14) 1,2-Dichlorobenzene	8.35	146	112201	34.751	ng	93
15) Benzyl Alcohol	8.25	79	93077	38.980	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	126979	36.355	ng	98
17) 2-Methylphenol	8.48	107	90022	39.746	ng	98
18) Hexachloroethane	9.08	117	40905	34.286	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	84036	38.250	ng	# 96
20) 3+4-Methylphenols	8.81	107	115947	37.333	ng	# 87
22) Acetophenone	8.82	105	172584	40.630	ng	# 92
24) Nitrobenzene	9.21	77	165759	54.084	ng	# 98
25) Isophorone	9.73	82	238646	40.571	ng	99
26) 2-Nitrophenol	9.92	139	72655	49.102	ng	95
27) 2,4-Dimethylphenol	10.00	122	91704	43.241	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	127942	39.410	ng	99
29) 2,4-Dichlorophenol	10.48	162	128200	47.180	ng	95
30) 1,2,4-Trichlorobenzene	10.67	180	129844	37.913	ng	96
31) Naphthalene	10.86	128	348007	41.334	ng	98
32) Benzoic acid	10.17	122	35419	26.798	ng	97
33) 4-Chloroaniline	10.99	127	14316	4.148	ng	# 90
34) Hexachlorobutadiene	11.14	225	90539	35.763	ng	95
35) Caprolactam	11.77	113	11176	11.942	ng	94
36) 4-Chloro-3-methylphenol	12.12	107	130535	44.040	ng	100
37) 2-Methylnaphthalene	12.46	142	265617	41.117	ng	99
38) 1-Methylnaphthalene	12.68	142	252417	41.066	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	172566	39.468	ng	99

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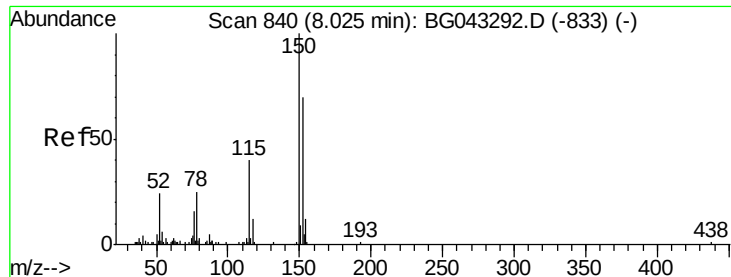
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	165667	72.130	ng	98
43) 2,4,6-Trichlorophenol	13.08	196	116827	45.372	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	121926	46.838	ng	97
46) 1,1'-Biphenyl	13.46	154	392008	43.617	ng	97
47) 2-Chloronaphthalene	13.51	162	275019	40.217	ng	98
48) 2-Nitroaniline	13.72	65	36196	17.710	ng	97
49) Acenaphthylene	14.36	152	435924	40.959	ng	100
50) Dimethylphthalate	14.09	163	460251	50.296	ng	99
51) 2,6-Dinitrotoluene	14.21	165	83527	42.015	ng	98
52) Acenaphthene	14.70	154	266786	41.104	ng	98
53) 3-Nitroaniline	14.55	138	12313	6.415	ng	86
54) 2,4-Dinitrophenol	14.76	184	106107	84.974	ng	93
55) Dibenzofuran	15.03	168	438080	41.622	ng	97
56) 4-Nitrophenol	14.92	139	60975	47.405	ng	97
57) 2,4-Dinitrotoluene	15.00	165	114683	40.366	ng	# 99
58) Fluorene	15.68	166	363049	41.126	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	112092	40.529	ng	94
60) Diethylphthalate	15.45	149	374840	40.767	ng	100
61) 4-Chlorophenyl-phenylether	15.67	204	209771	40.733	ng	99
62) 4-Nitroaniline	15.72	138	4481	2.261	ng	92
63) Azobenzene	15.96	77	300738	40.414	ng	95
65) 4,6-Dinitro-2-methylphenol	15.77	198	69232	46.604	ng	96
66) n-Nitrosodiphenylamine	15.89	169	313431	43.980	ng	96
67) 4-Bromophenyl-phenylether	16.57	248	145854	42.935	ng	97
68) Hexachlorobenzene	16.69	284	161756	41.482	ng	100
69) Atrazine	16.84	200	118958	48.037	ng	96
70) Pentachlorophenol	17.04	266	139576	78.553	ng	97
71) Phenanthrene	17.42	178	527552	40.813	ng	99
72) Anthracene	17.51	178	539371	41.706	ng	99
73) Carbazole	17.79	167	424287	36.228	ng	99
74) Di-n-butylphthalate	18.34	149	545442	38.383	ng	# 99
75) Fluoranthene	19.43	202	595772	35.354	ng	99
78) Pyrene	19.79	202	595409	42.704	ng	99
80) Butylbenzylphthalate	20.67	149	220458	41.735	ng	95
81) Benzo(a)anthracene	21.63	228	616140	43.668	ng	99
82) 3,3'-Dichlorobenzidine	21.57	252	4277m	0.784	ng	
83) Chrysene	21.69	228	594084	42.377	ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	331441	44.170	ng	99
85) Di-n-octyl phthalate	22.72	149	570043	44.778	ng	98
86) Indeno(1,2,3-cd)pyrene	28.47	276	791200	44.961	ng	99
88) Benzo(b)fluoranthene	23.82	252	646147	41.779	ng	99
89) Benzo(k)fluoranthene	23.89	252	660227	42.405	ng	100
90) Benzo(a)pyrene	24.68	252	586754	39.729	ng	99
91) Dibenzo(a,h)anthracene	28.52	278	669857	44.343	ng	100
92) Benzo(g,h,i)perylene	29.61	276	663350	44.518	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

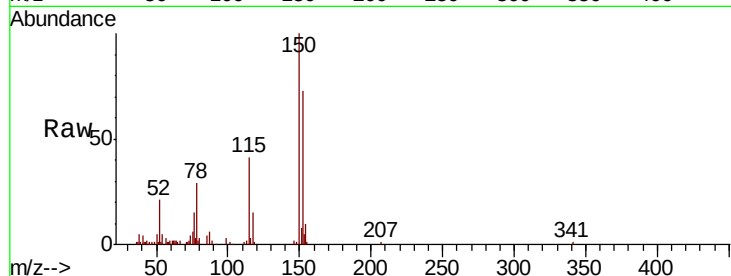
ClientSampleId :

HP-640-XMSD

Tot Ion:	152	Resp:	43303
Ion	Ratio	Lower	Upper
152	100		
150	137.4	129.4	194.0
115	56.9	48.8	73.2

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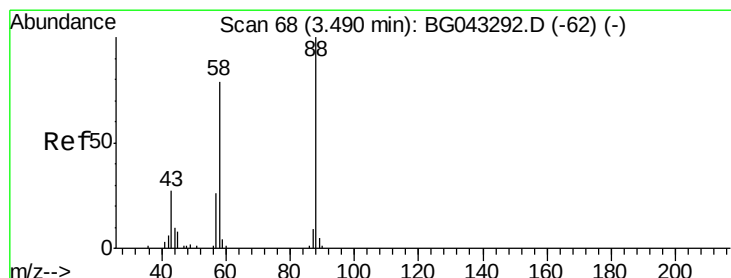
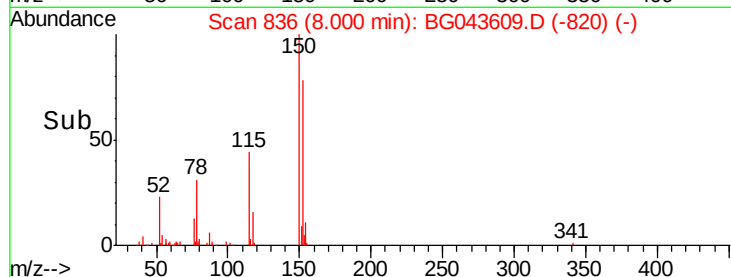
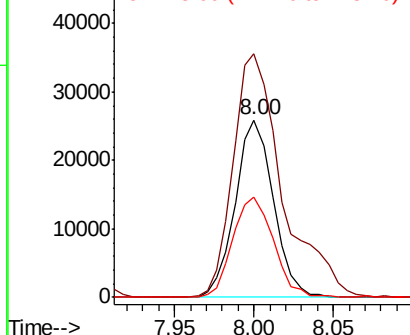


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 20.173 ng

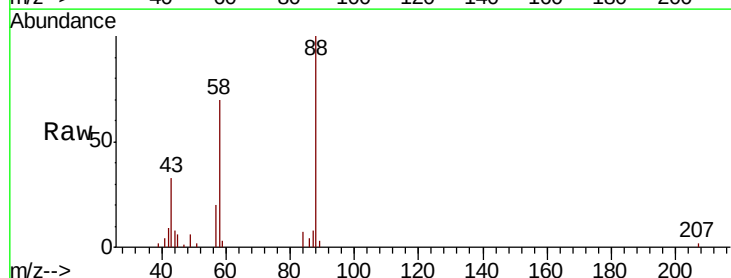
RT: 3.46 min Scan# 63

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion:	88	Resp:	18577
Ion	Ratio	Lower	Upper
88	100		
58	82.8	62.7	94.1
43	41.7	23.7	35.5#

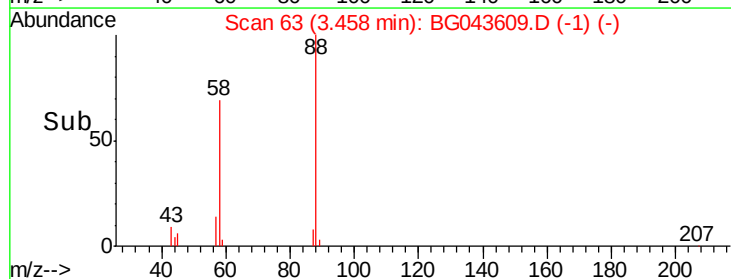
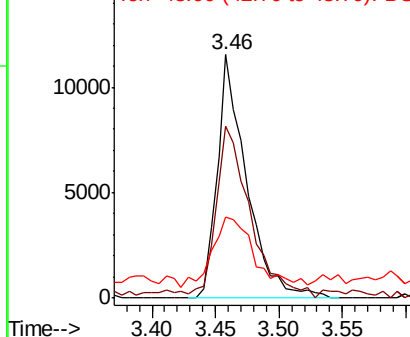


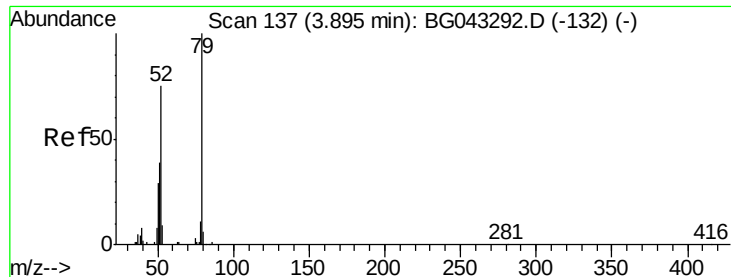
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 15.905 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

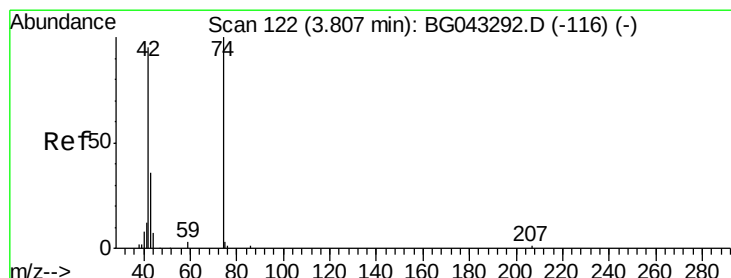
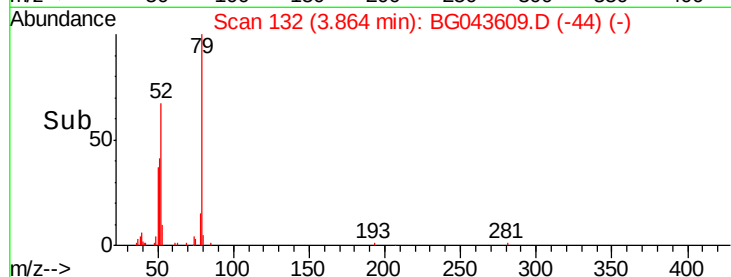
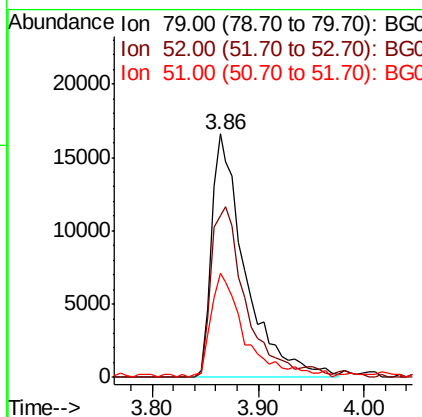
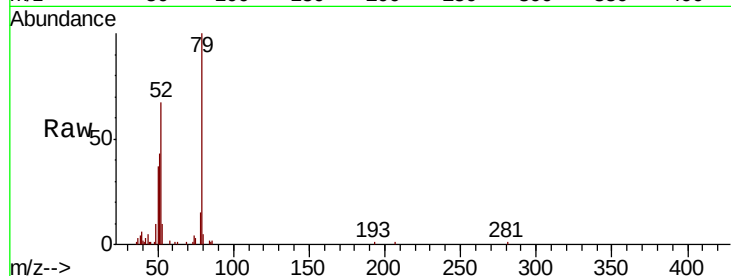
ClientSampleId :

HP-640-XMSD

Tot Ion:	79	Resp:	36947
Ion	Ratio	Lower	Upper
79	100		
52	66.7	56.5	84.7
51	42.6	33.2	49.8

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#4

n-Nitrosodimethylamine

Concen: 26.414 ng

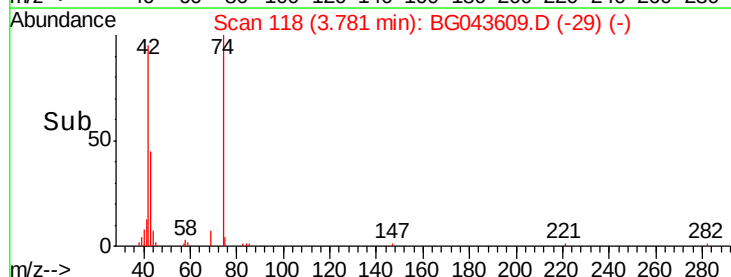
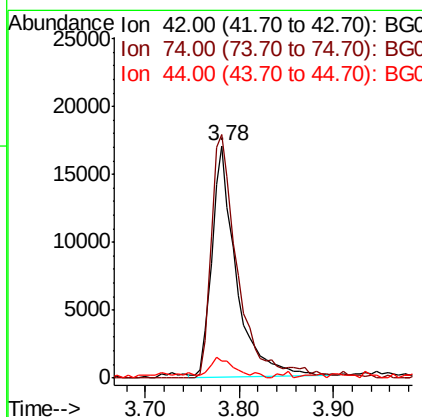
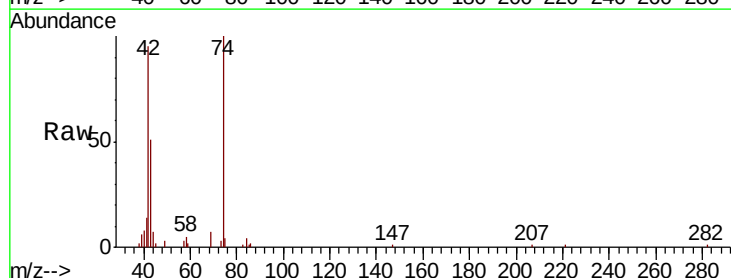
RT: 3.78 min Scan# 118

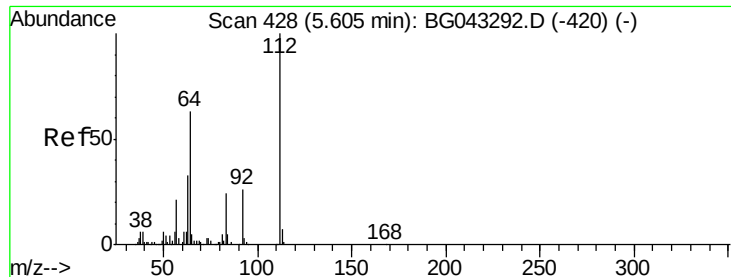
Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion:	42	Resp:	30963
Ion	Ratio	Lower	Upper
42	100		
74	104.8	97.3	145.9
44	7.3	4.4	6.6#





#5

2-Fluorophenol

Concen: 63.816 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

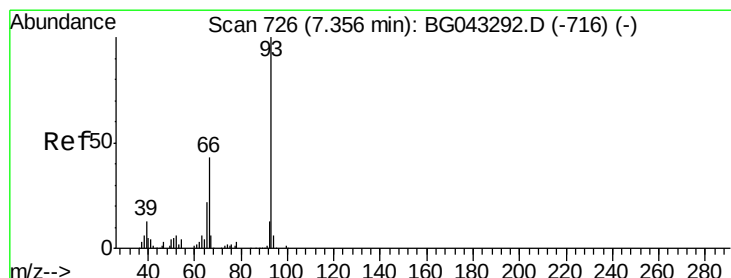
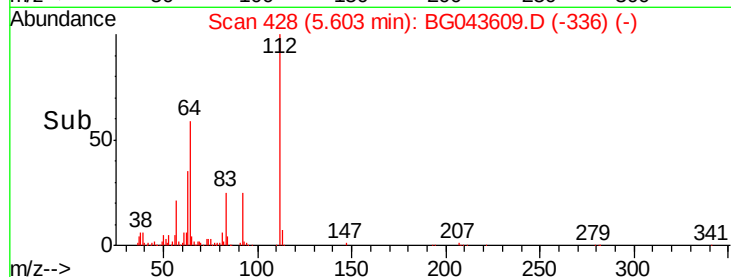
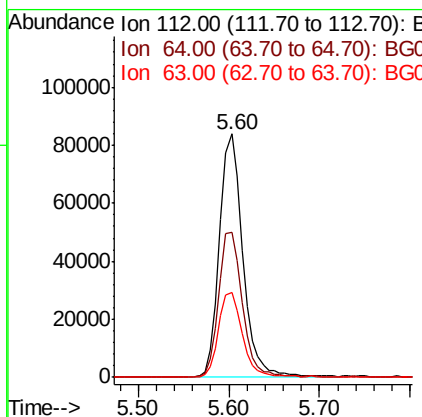
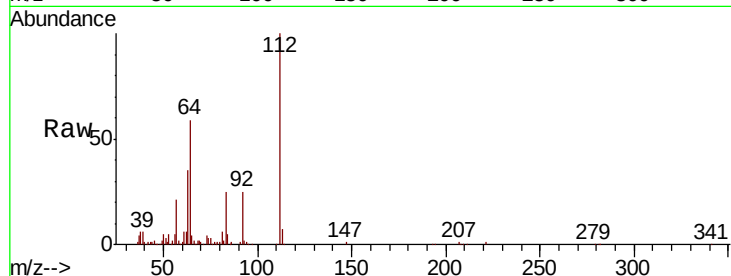
ClientSampleId :

HP-640-XMSD

Tot Ion:	112	Resp:	150804
Ion Ratio	Lower	Upper	
112	100		
64	59.3	50.0	75.0
63	34.7	26.6	40.0

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#6

Aniline

Concen: 4.400 ng

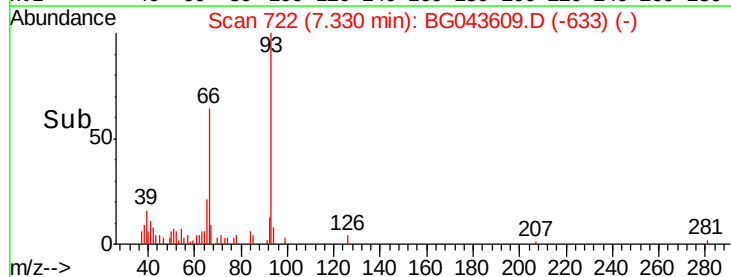
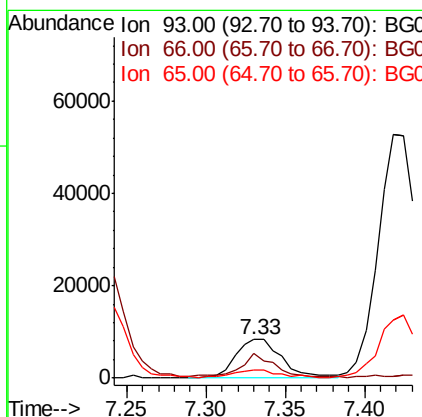
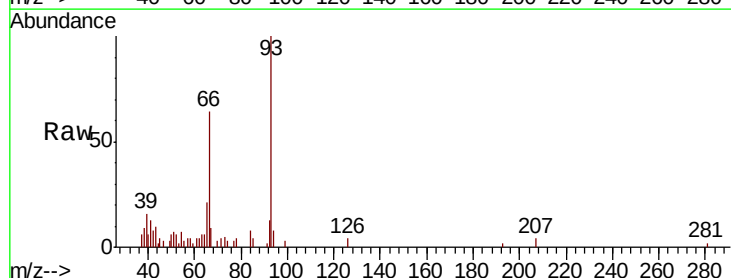
RT: 7.33 min Scan# 722

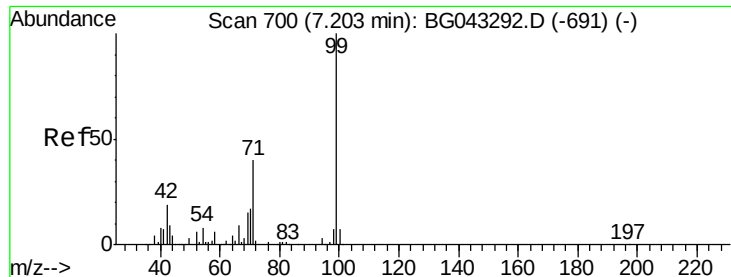
Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion:	93	Resp:	17233
Ion Ratio	Lower	Upper	
93	100		
66	63.9	32.3	48.5#
65	20.6	16.1	24.1





#7

Phenol-d6

Concen: 43.570 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

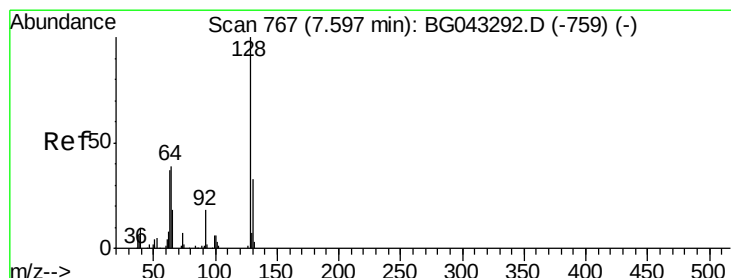
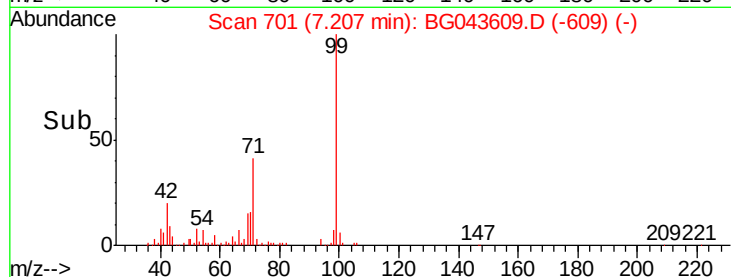
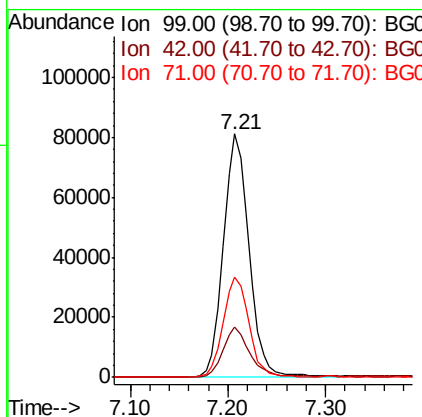
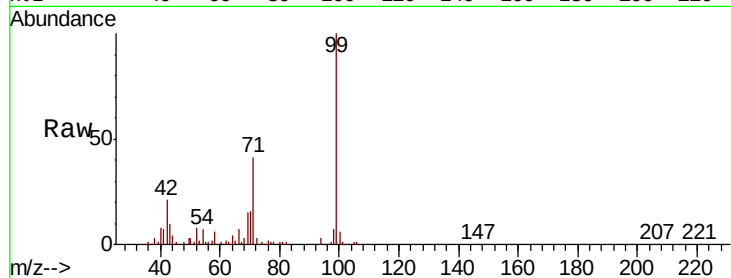
ClientSampled :

HP-640-XMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		148138		
42	20.6	14.6	21.8		
71	41.3	32.5	48.7		

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#8

2-Chlorophenol

Concen: 43.147 ng

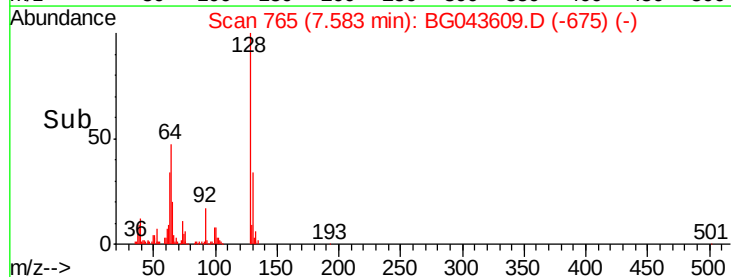
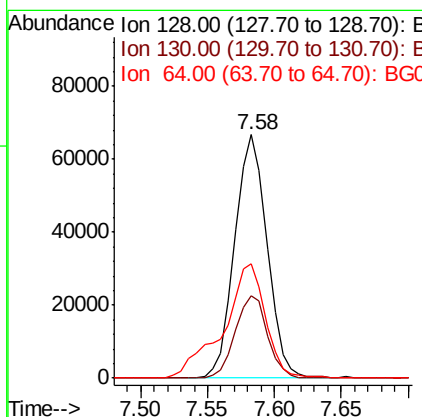
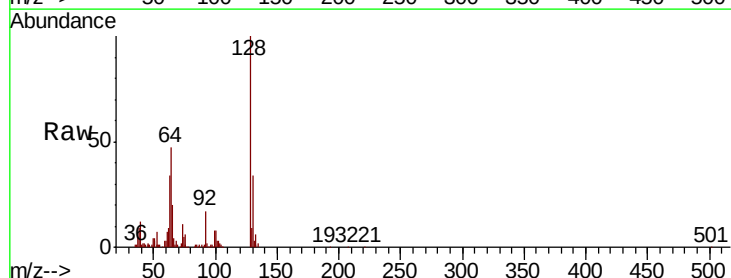
RT: 7.58 min Scan# 765

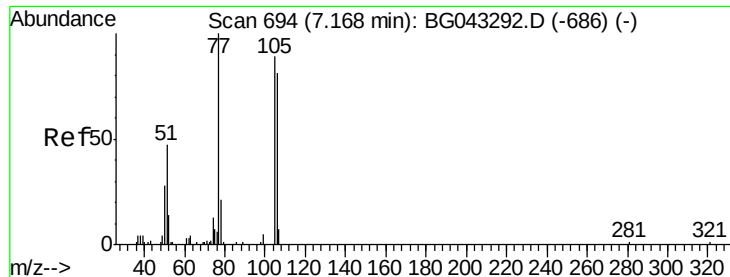
Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		112553		
130	33.7	12.5	52.5		
64	47.1	25.3	65.3		





#9

Benzaldehyde

Concen: 39.651 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

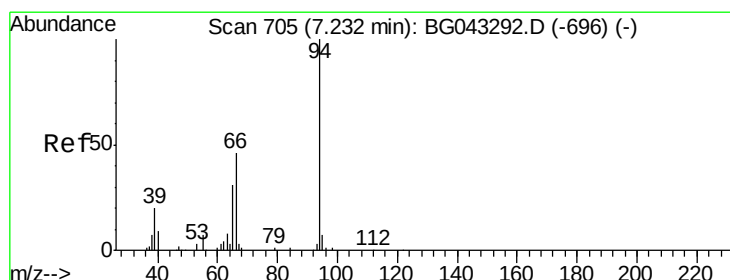
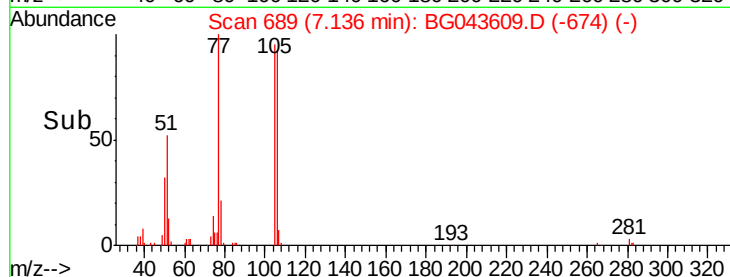
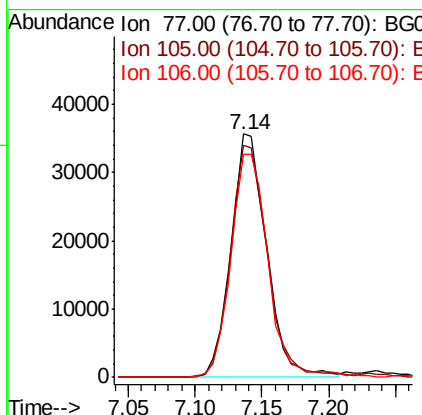
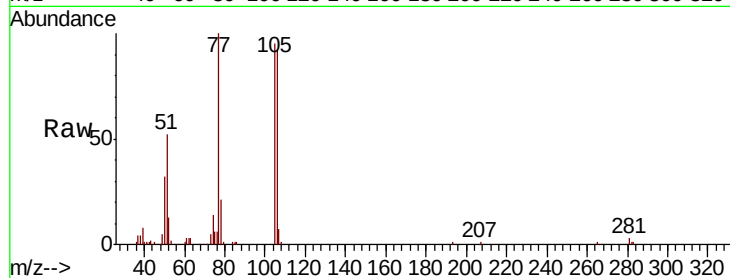
ClientSampleId :

HP-640-XMSD

Tot Ion:	77	Resp:	66252
Ion	Ratio	Lower	Upper
77	100		
105	95.3	68.6	108.6
106	91.9	69.9	109.9

Manual Integrations
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#10

Phenol

Concen: 31.123 ng

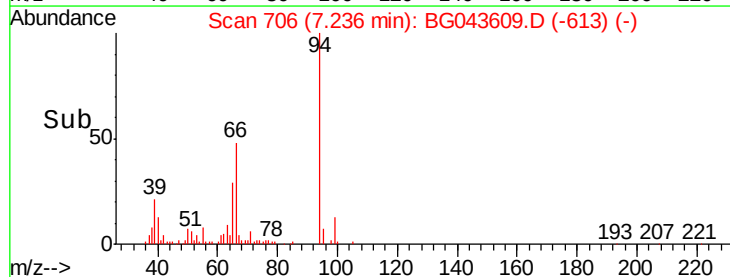
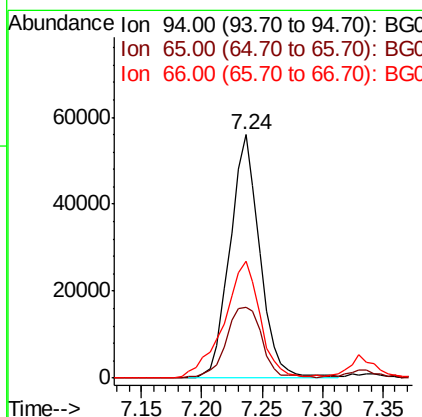
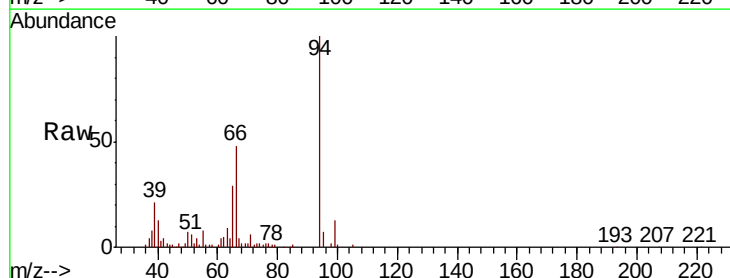
RT: 7.24 min Scan# 706

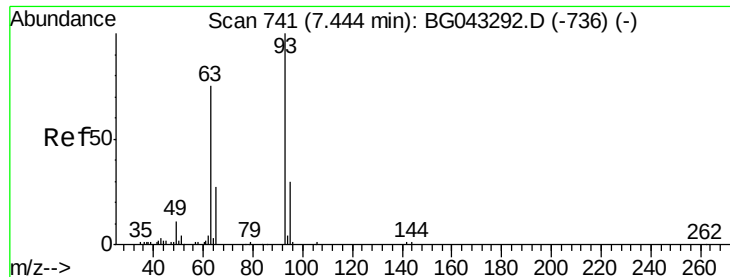
Delta R.T. 0.02 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion:	94	Resp:	96696
Ion	Ratio	Lower	Upper
94	100		
65	28.9	12.6	52.6
66	47.8	30.7	70.7





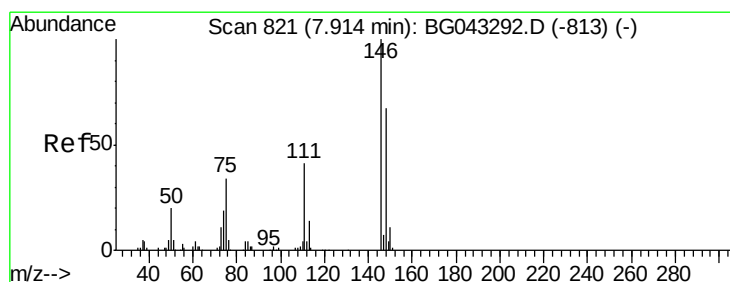
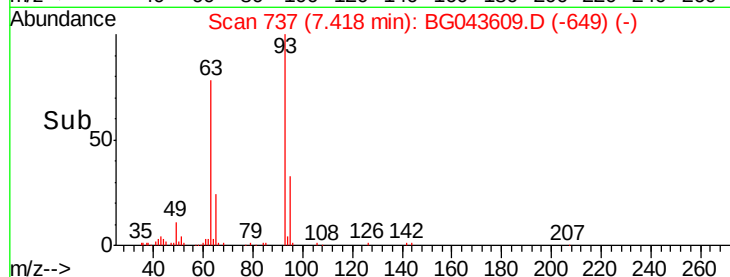
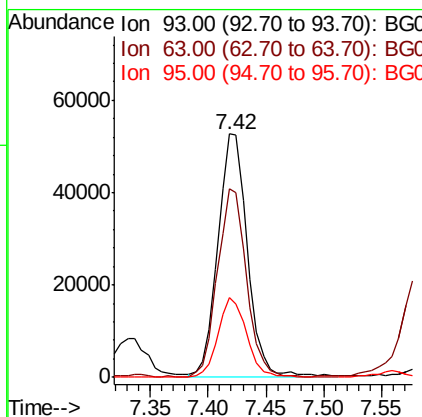
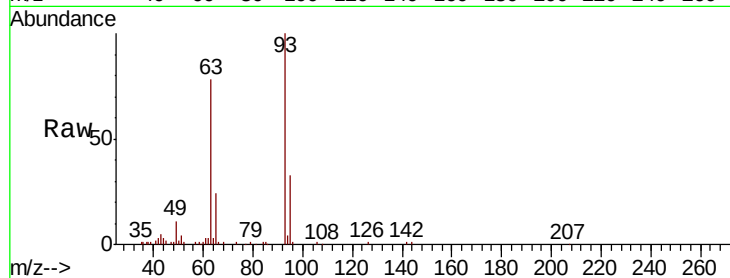
#11
bis(2-Chloroethyl)ether
Concen: 39.130 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	77.5	56.3	96.3	
95	32.8	12.2	52.2	

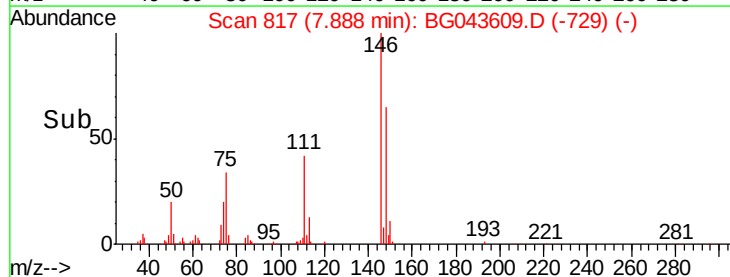
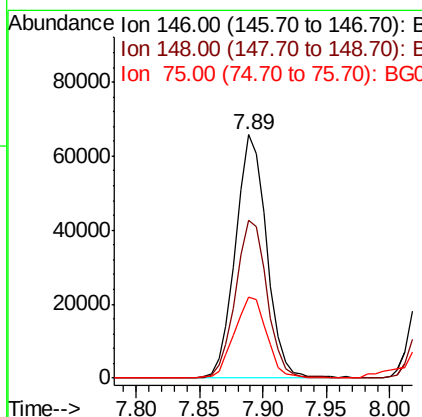
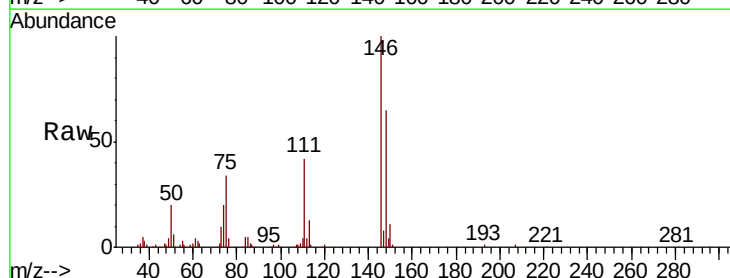
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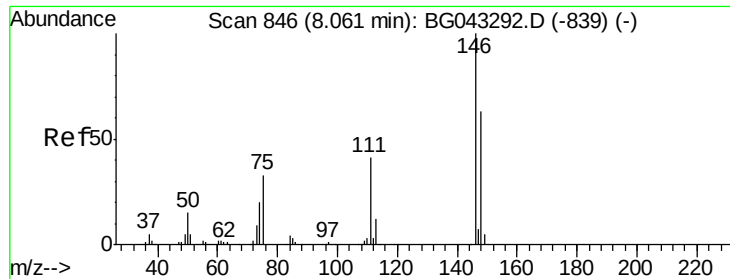
mohammad
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#12
1,3-Dichlorobenzene
Concen: 34.147 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.6	50.3	75.5	
75	33.6	24.6	37.0	





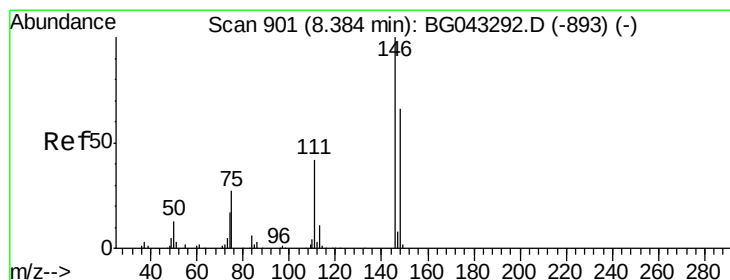
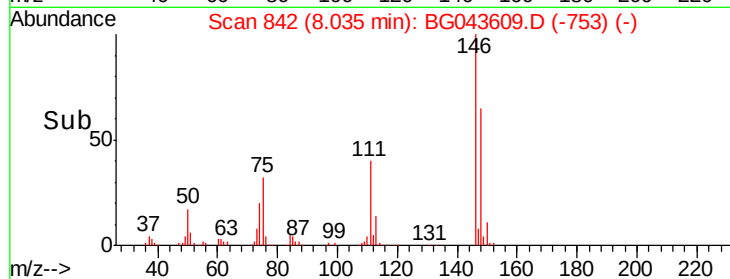
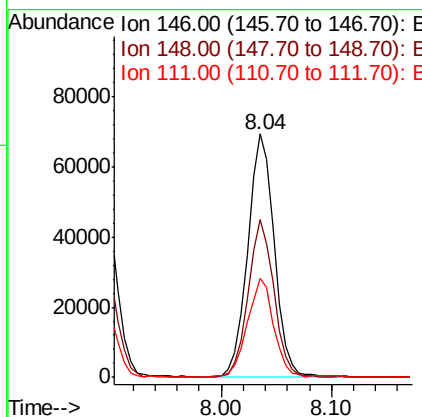
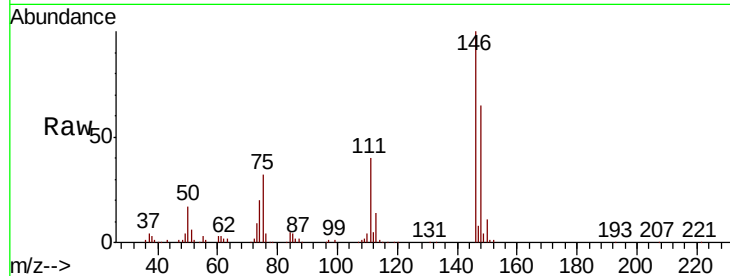
#13
 1,4-Dichlorobenzene
 Concen: 35.546 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.7	76.1
111	40.5	33.4	50.2

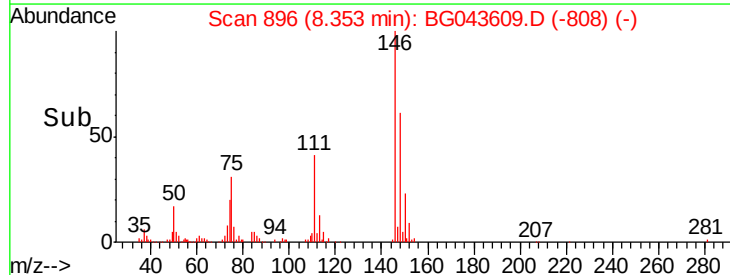
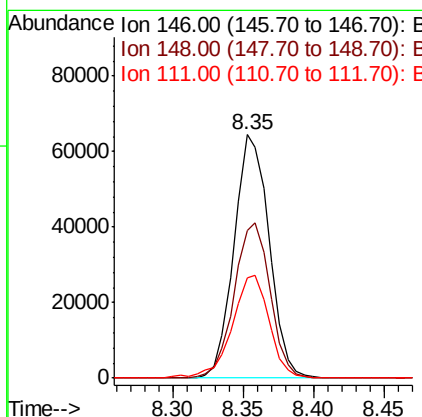
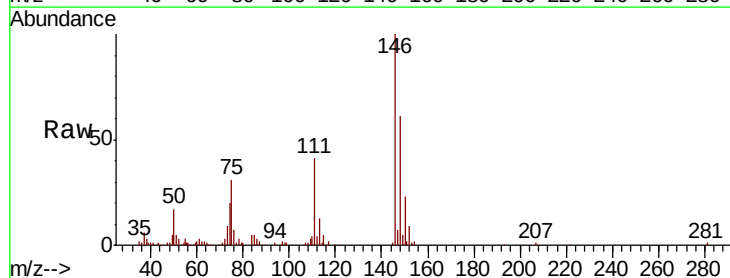
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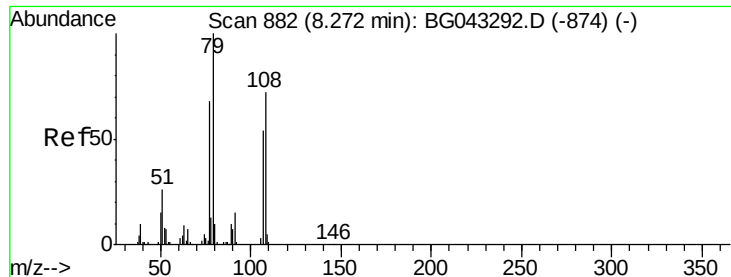
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#14
 1,2-Dichlorobenzene
 Concen: 34.751 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.8	53.2	79.8
111	41.0	35.8	53.6





#15

Benzyl Alcohol

Concen: 38.980 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

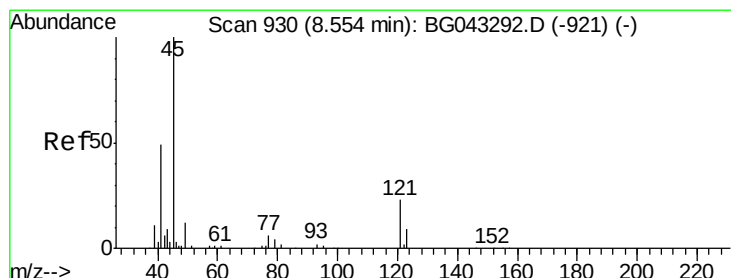
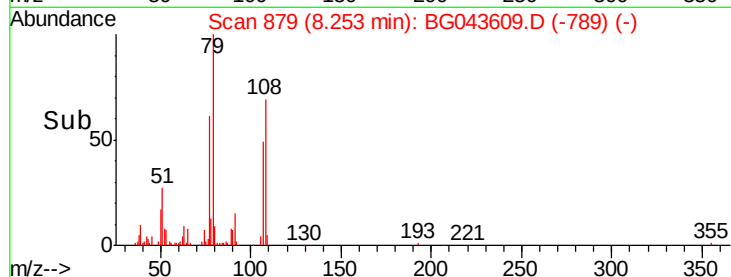
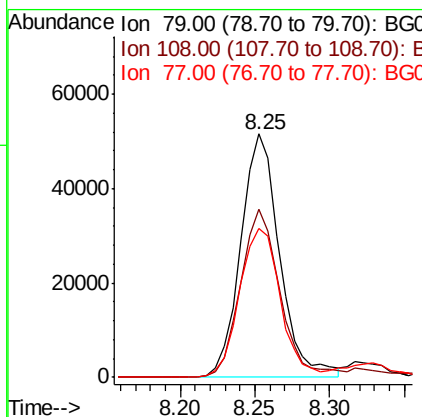
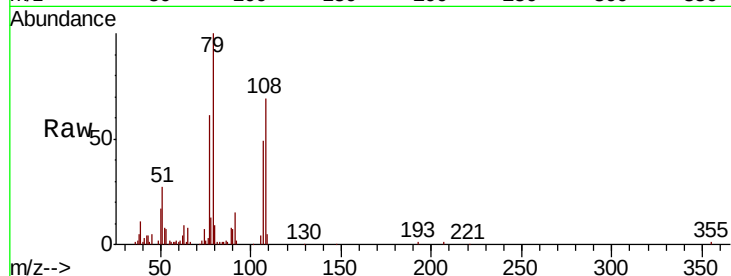
ClientSampleId :

HP-640-XMSD

Tot Ion:	79	Resp:	93077
Ion Ratio	Lower	Upper	
79	100		
108	68.8	53.6	80.4
77	61.0	49.6	74.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.355 ng

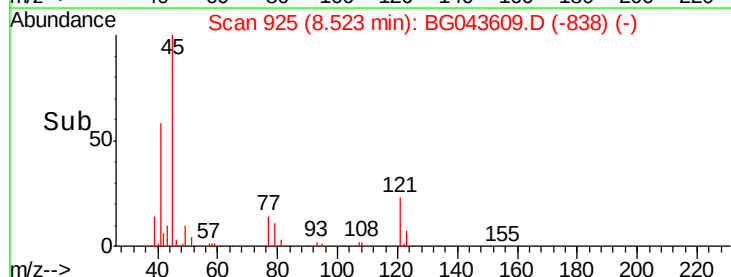
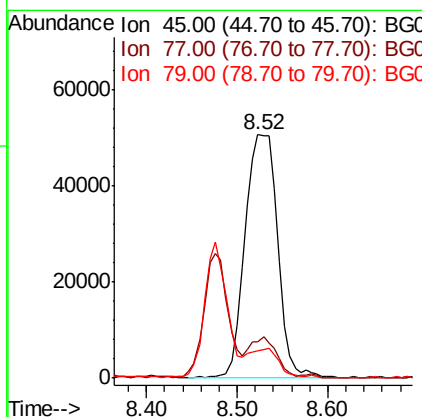
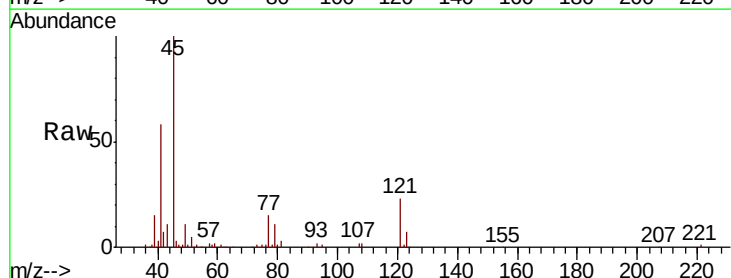
RT: 8.52 min Scan# 925

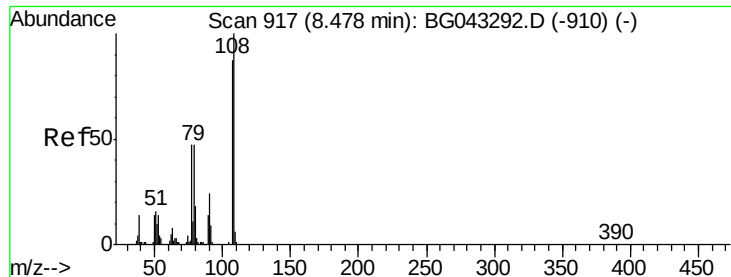
Delta R.T. -0.02 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion:	45	Resp:	126979
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	34.9
79	11.2	0.0	33.0





#17

2-Methylphenol

Concen: 39.746 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

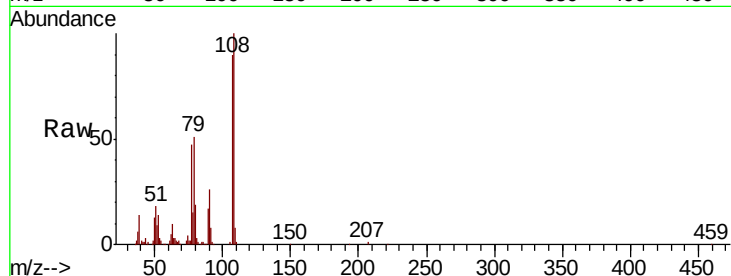
ClientSampleId :

HP-640-XMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	90.2	135.4	
77	52.2	40.2	60.2	
79	56.7	44.0	66.0	

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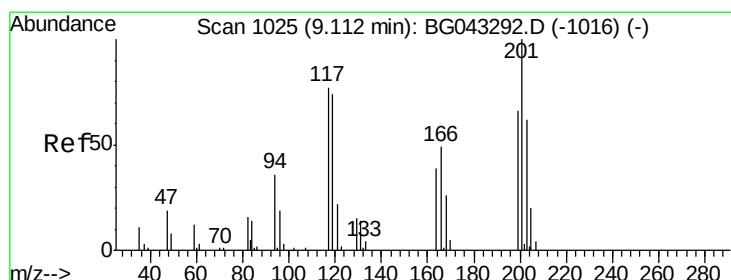
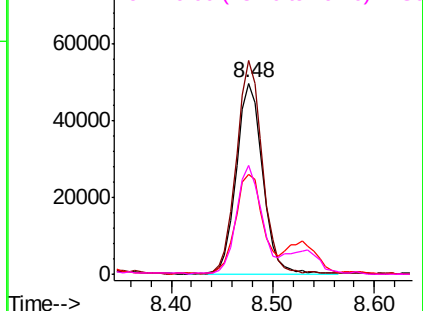
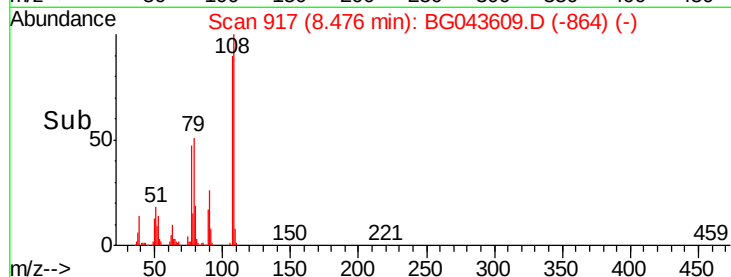
Abundance

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: 34.286 ng

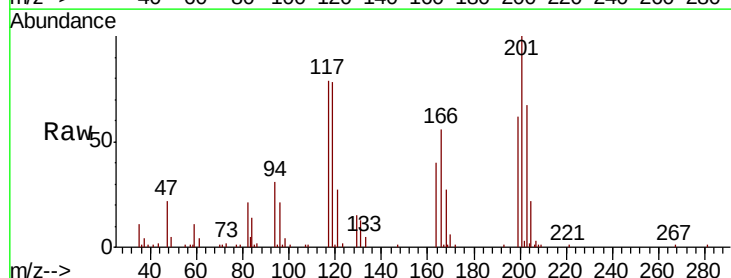
RT: 9.08 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.8	79.0	118.4	
201	127.4	105.4	158.2	

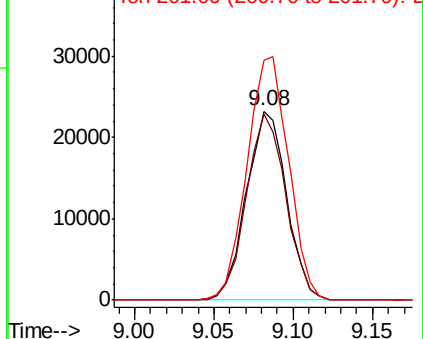
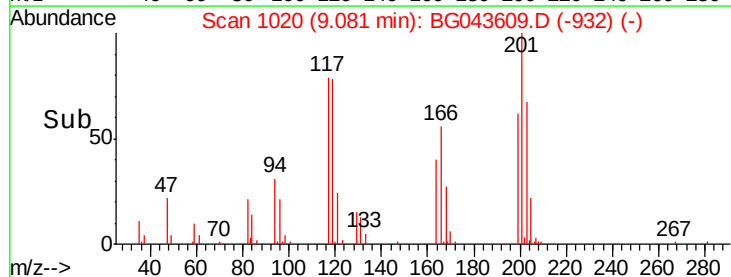


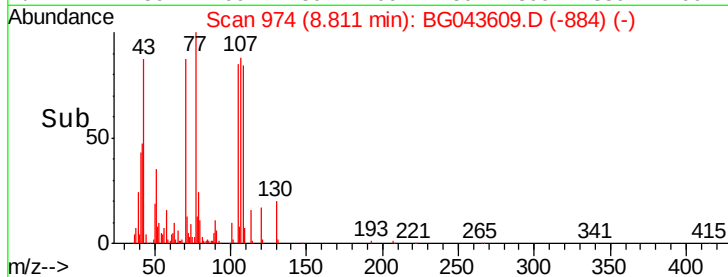
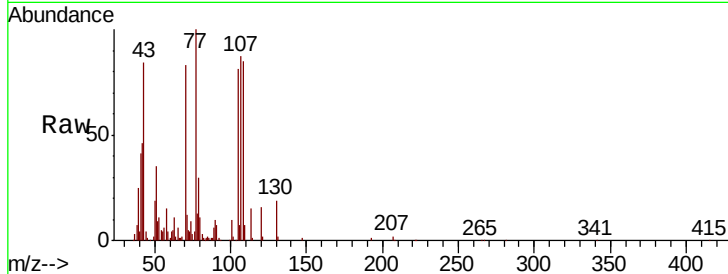
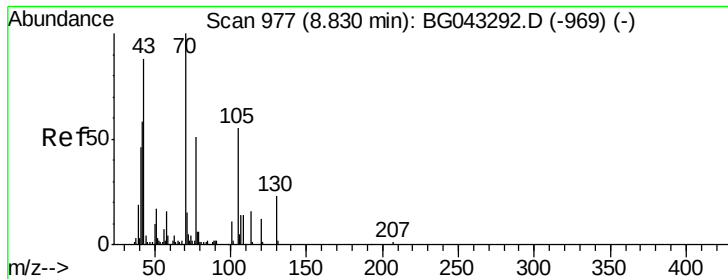
Abundance

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: 38.250 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

HP-640-XMSD

Tot Ion: 70 Resp: 84036

Ion Ratio Lower Upper

70 100

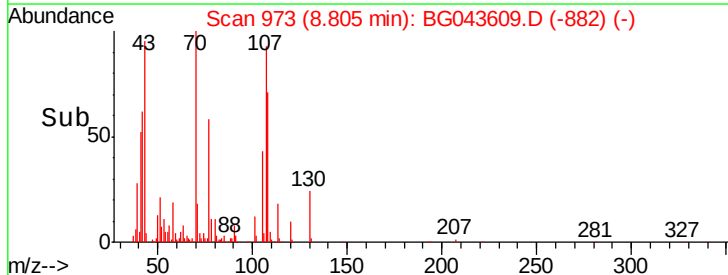
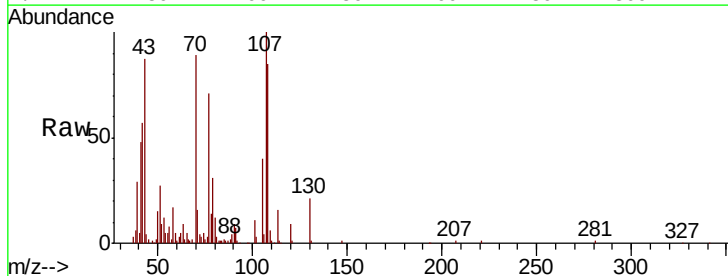
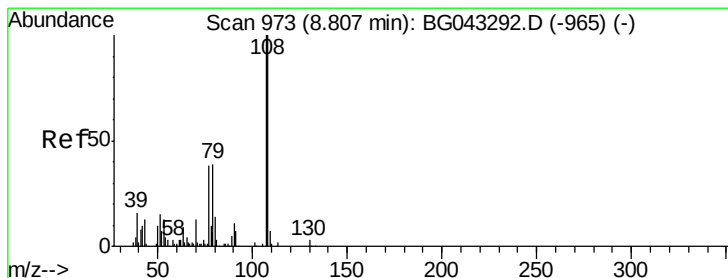
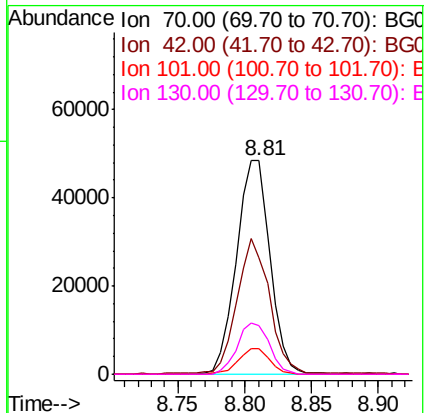
42 54.8 41.4 62.2

101 12.0 7.9 11.9#

130 22.7 19.0 28.4

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#20

3+4-Methylphenols

Concen: 37.333 ng

RT: 8.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion: 107 Resp: 115947

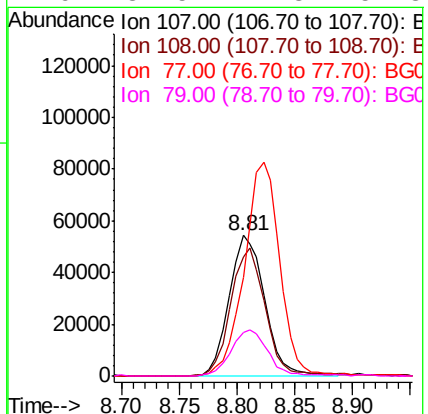
Ion Ratio Lower Upper

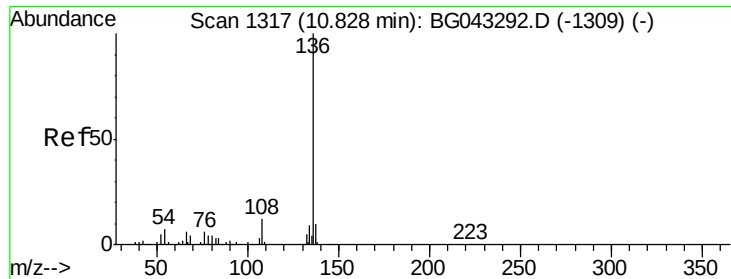
107 100

108 85.3 66.6 106.6

77 70.7 20.9 60.9#

79 31.5 11.3 51.3





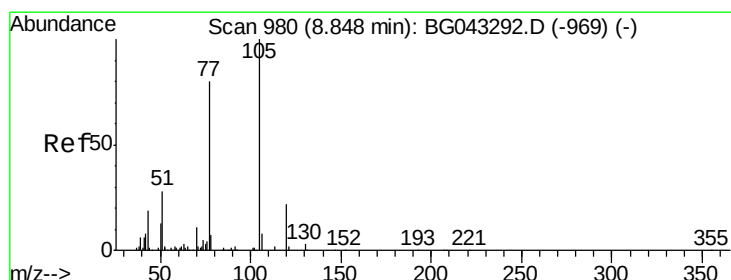
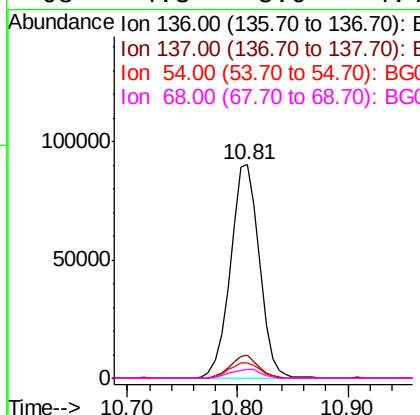
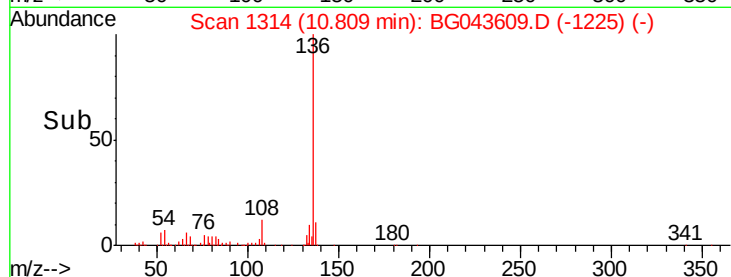
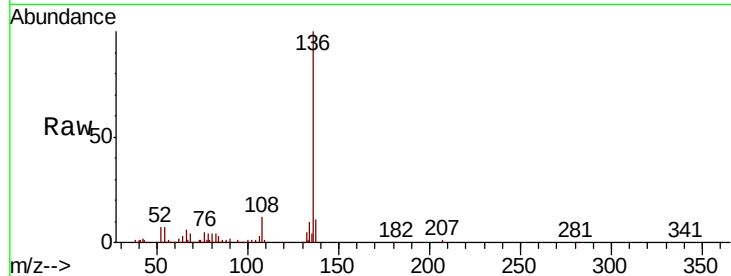
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	165868		
137	10.7		8.7	13.1
54	7.1		5.4	8.2
68	4.3		3.0	4.4

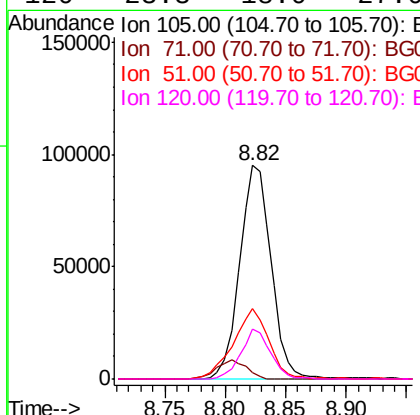
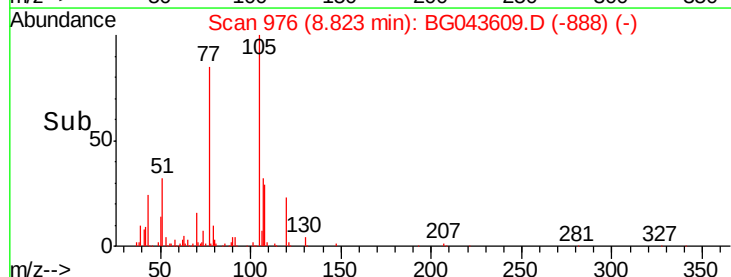
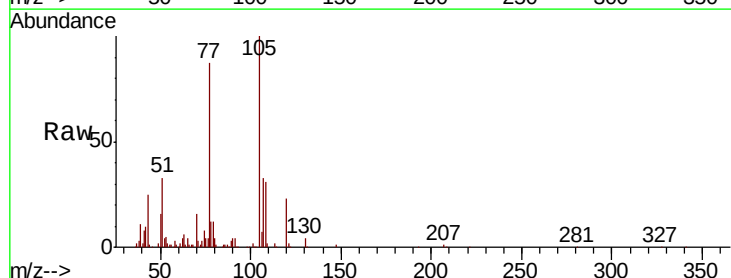
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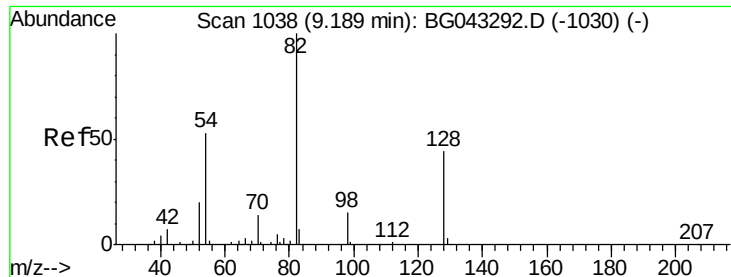
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#22
Acetophenone
Concen: 40.630 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	172584		
71	2.8		0.8	1.2#
51	32.9		21.0	31.4#
120	23.3		18.0	27.0





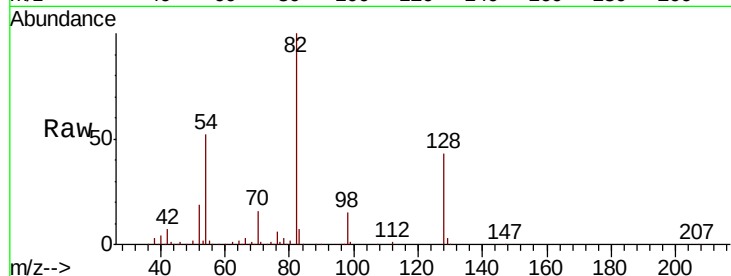
#23
Nitrobenzene-d5
Concen: 82.052 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.0	52.6
54	52.1	40.2	60.2

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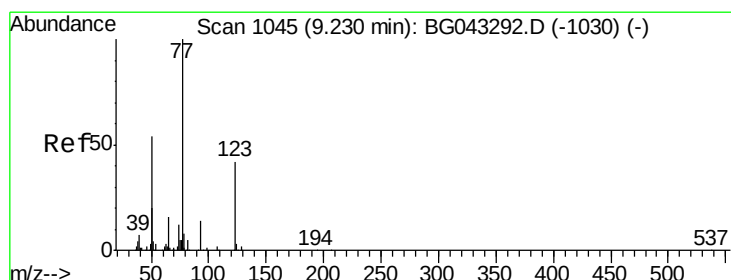
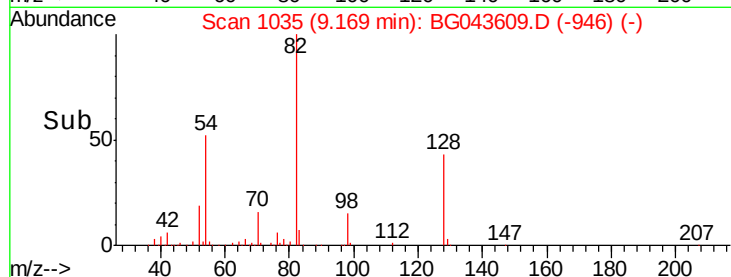
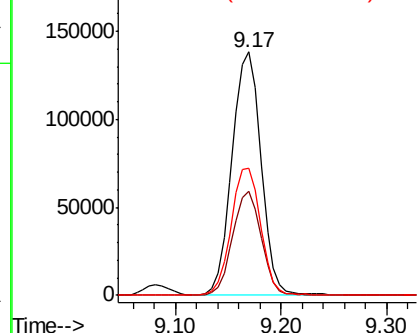


Abundance

Ion 82.00 (81.70 to 82.70): BGC

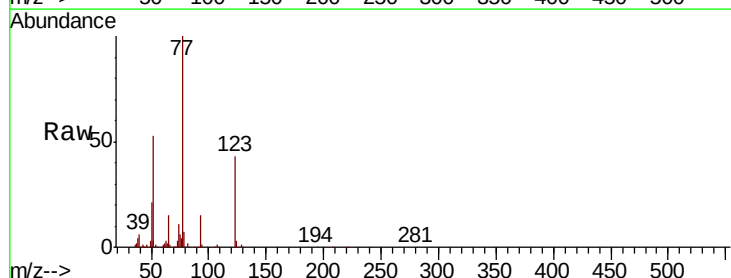
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 54.084 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	35.0	52.6
65	15.0	9.5	14.3#

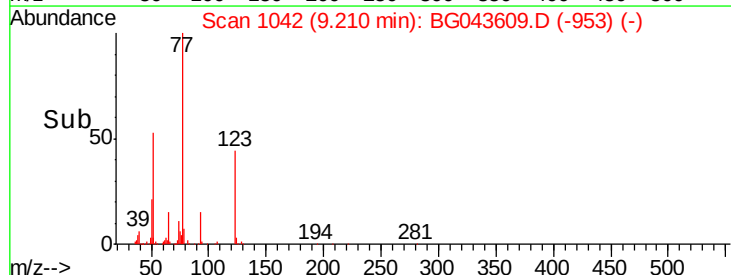
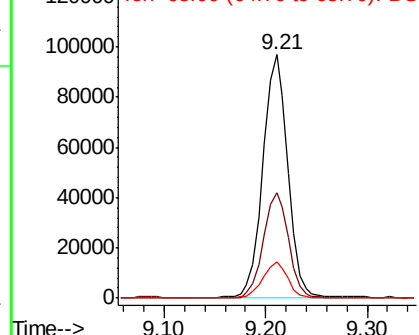


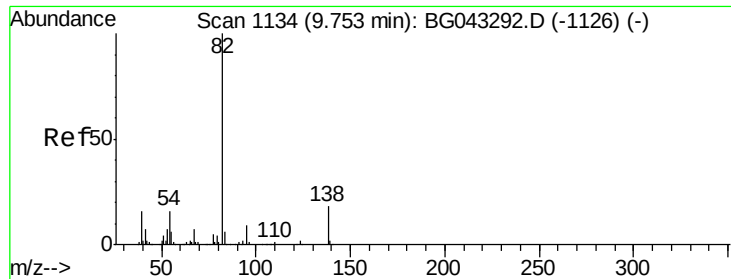
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.571 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

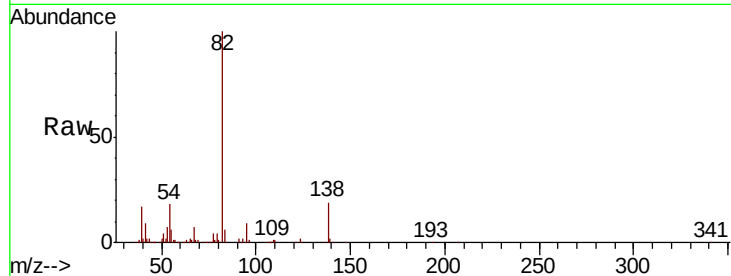
ClientSampleId :

HP-640-XMSD

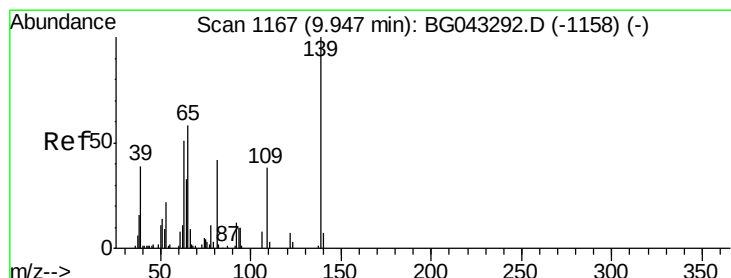
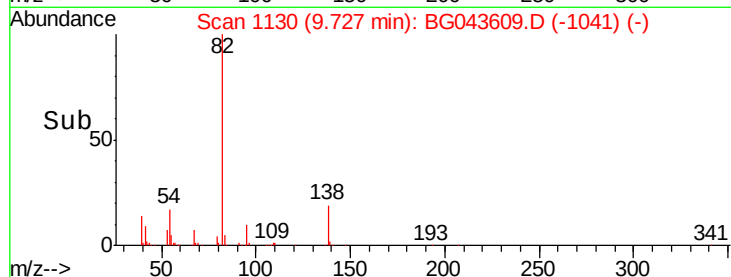
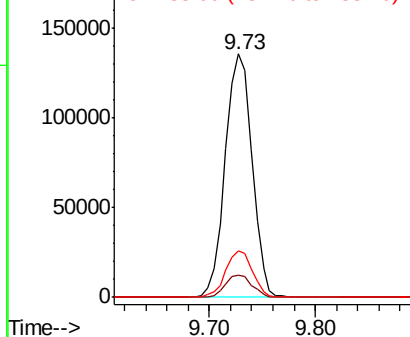
Tot Ion:	82	Resp:	238646
Ion Ratio	Lower	Upper	
82	100		
95	9.4	6.6	9.8
138	19.1	15.2	22.8

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 49.102 ng

RT: 9.92 min Scan# 1163

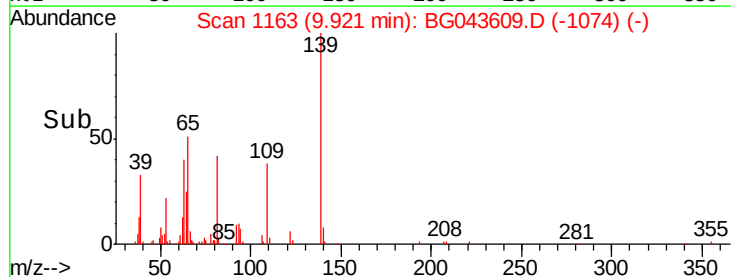
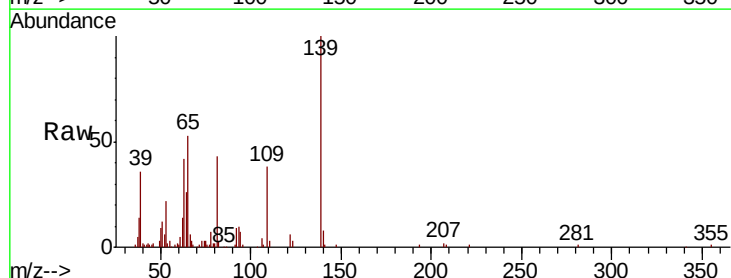
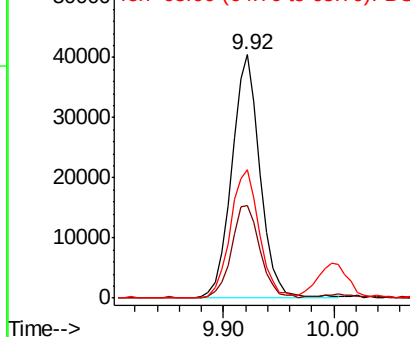
Delta R.T. -0.01 min

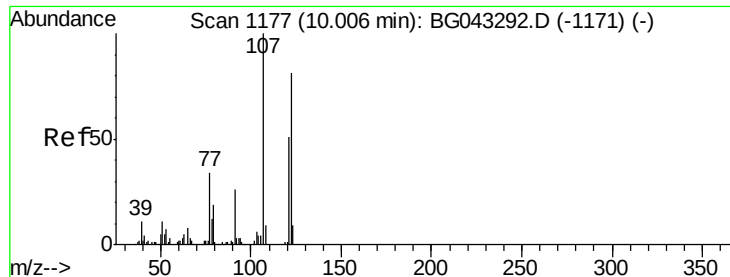
Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion:	139	Resp:	72655
Ion Ratio	Lower	Upper	
139	100		
109	37.8	26.5	39.7
65	52.5	43.8	65.8

Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





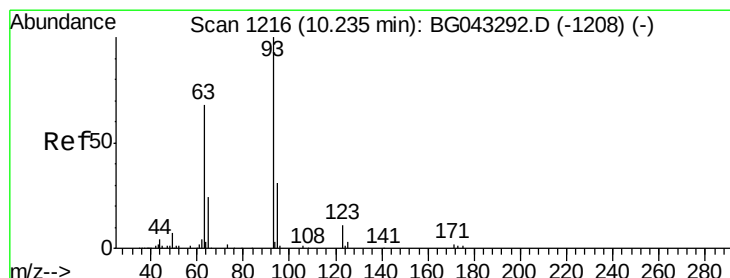
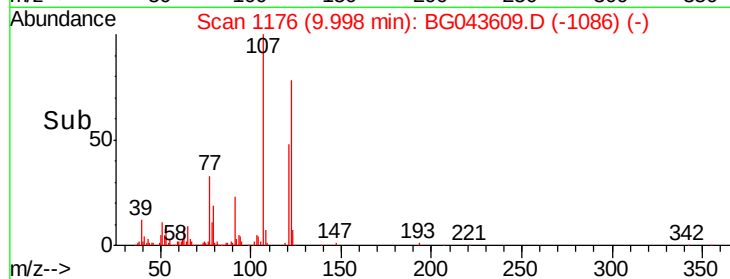
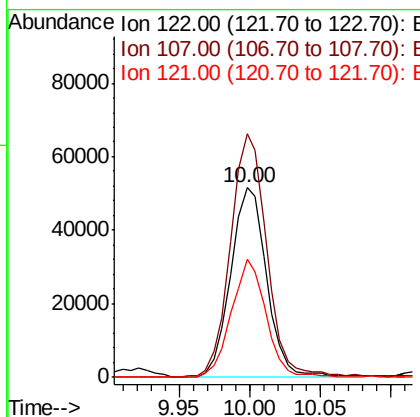
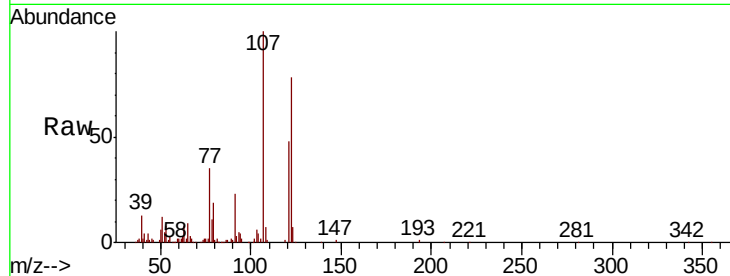
#27
2,4-Dimethylphenol
Concen: 43.241 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.3	104.4	156.6
121	62.0	47.2	70.8

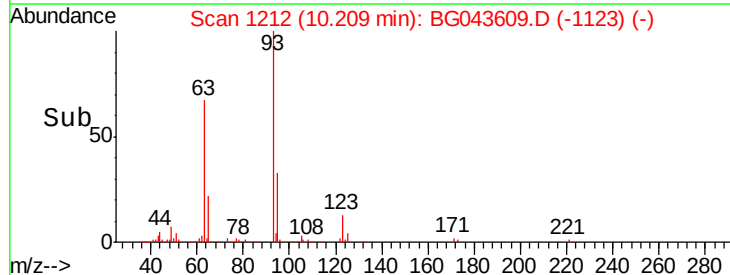
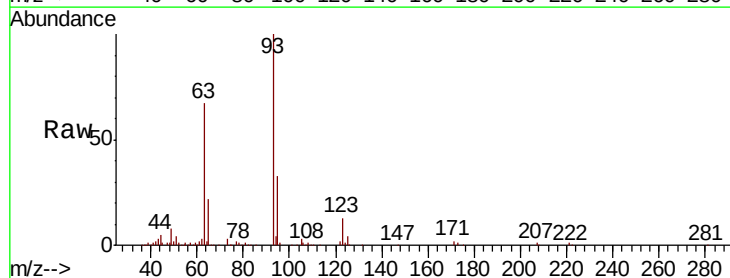
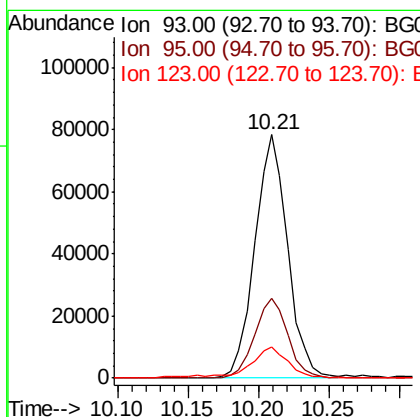
Manual Integrations
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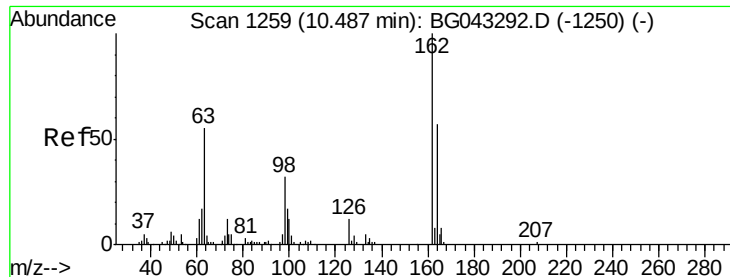
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.410 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	12.7	10.6	15.8





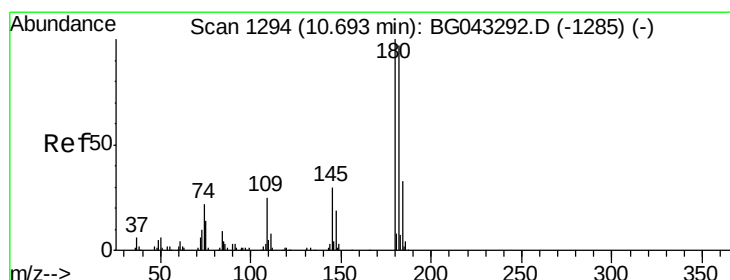
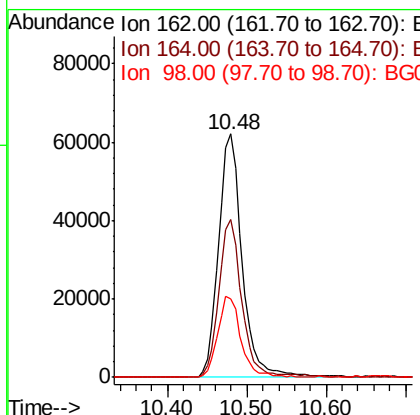
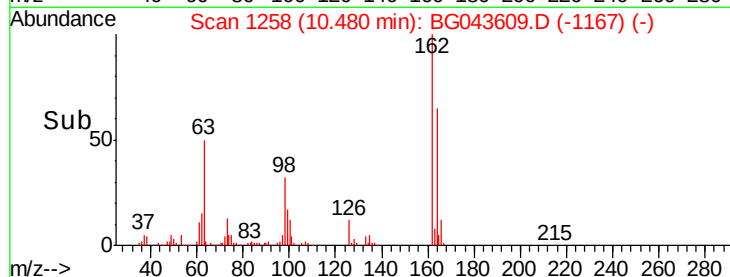
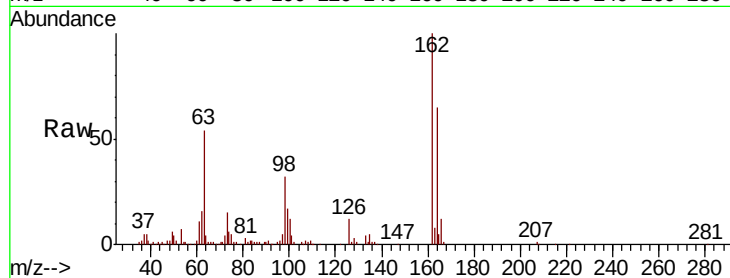
#29
2,4-Dichlorophenol
Concen: 47.180 ng
RT: 10.48 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	48.9	88.9
98	32.3	15.1	55.1

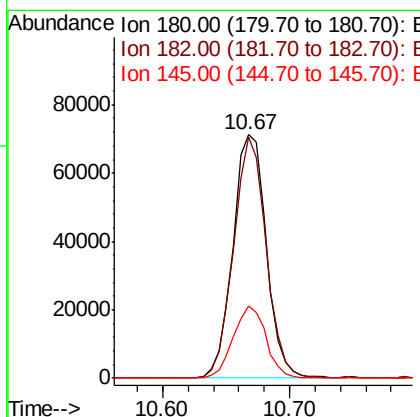
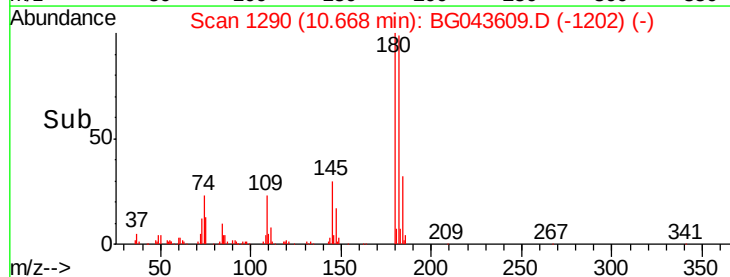
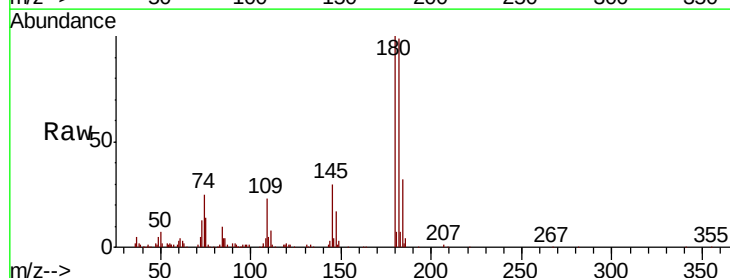
Manual Integrations
APPROVED

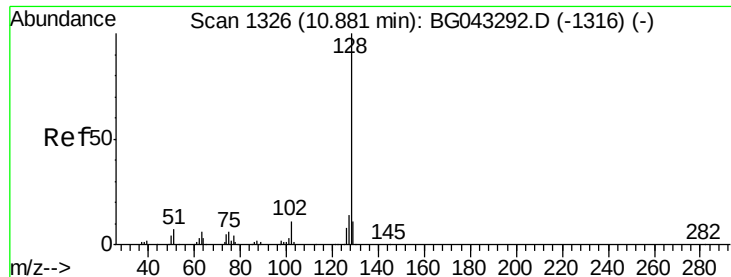
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 37.913 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.8	75.1	112.7
145	29.7	23.9	35.9





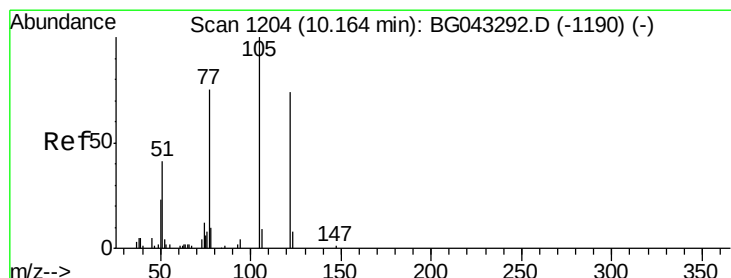
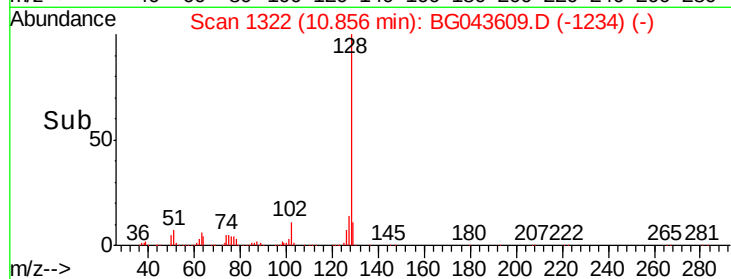
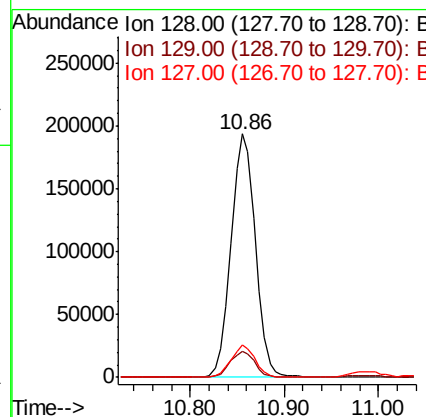
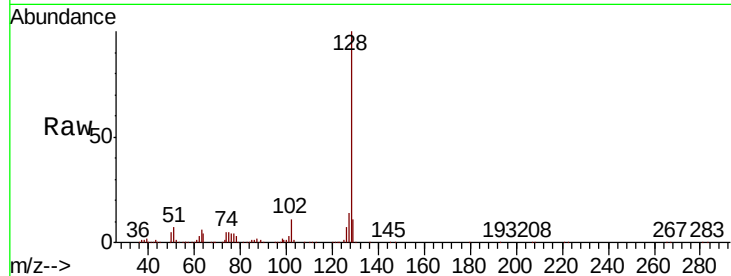
#31
Naphthalene
Concen: 41.334 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	13.5	11.1	16.7

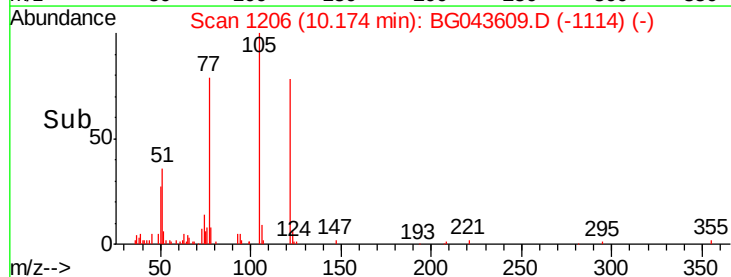
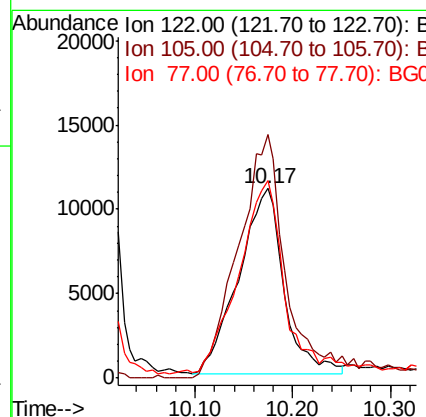
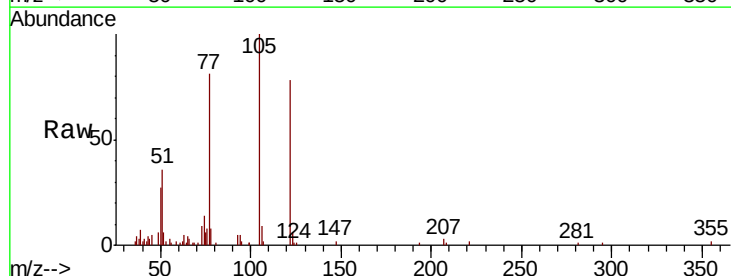
Manual Integrations
APPROVED

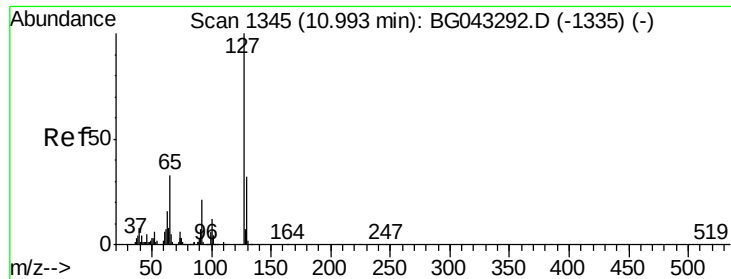
mohammad
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#32
Benzoic acid
Concen: 26.798 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.3	103.3	143.3
77	104.1	84.9	124.9





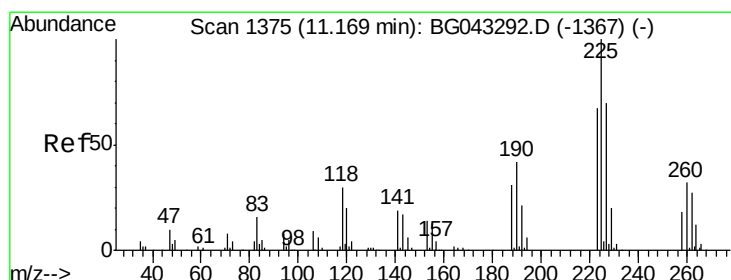
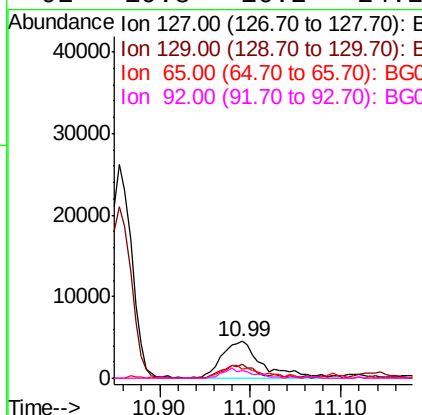
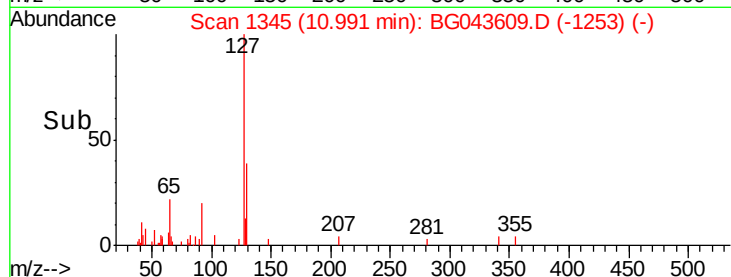
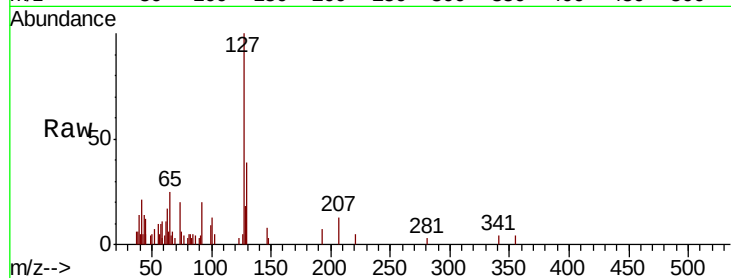
#33
4-Chloroaniline
Concen: 4.148 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	39.0	26.5	39.7
65	25.0	26.4	39.6
92	19.8	16.2	24.2

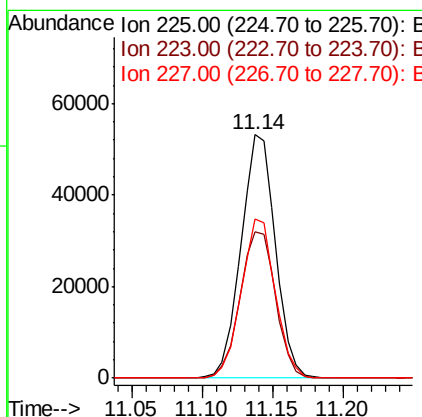
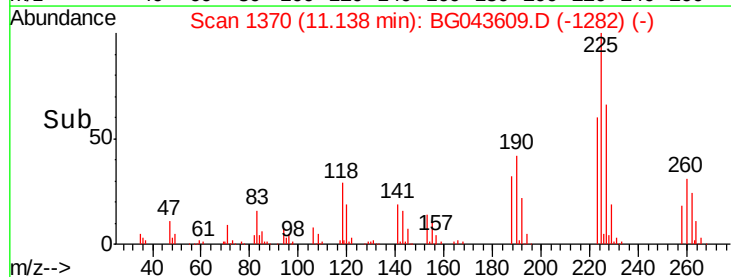
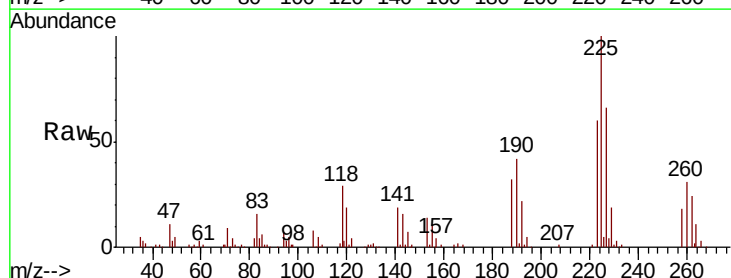
Manual Integrations
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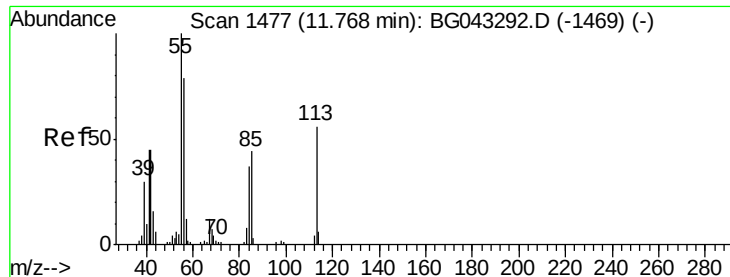
mohammad
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#34
Hexachlorobutadiene
Concen: 35.763 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	52.7	79.1
227	65.6	54.8	82.2





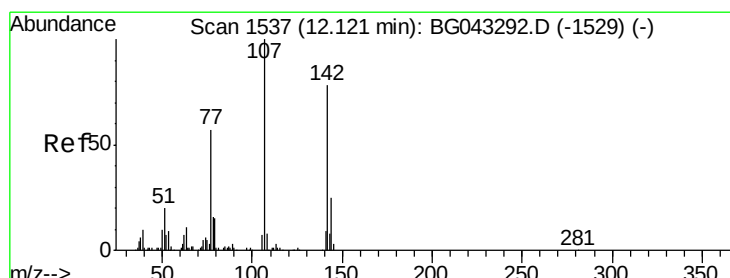
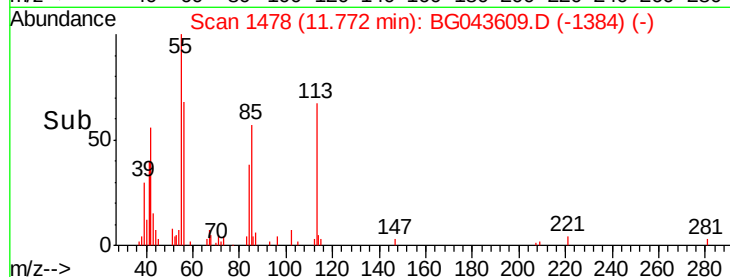
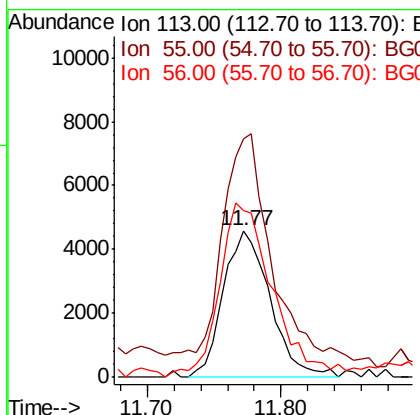
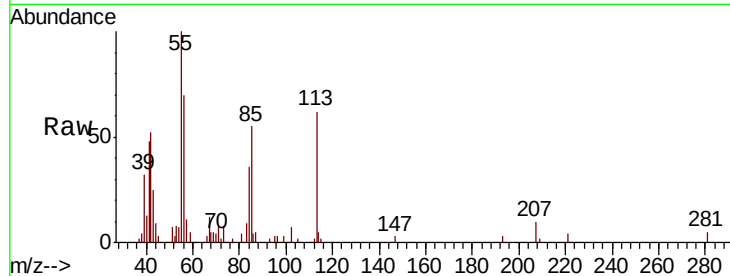
#35
Caprolactam
Concen: 11.942 ng
RT: 11.77 min Scan# 1478
Delta R.T. 0.02 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	162.1	134.1	174.1
56	113.6	100.4	140.4

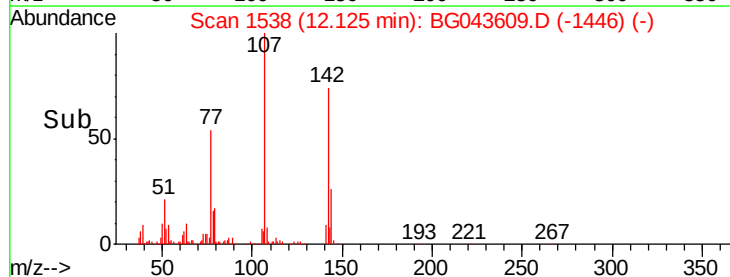
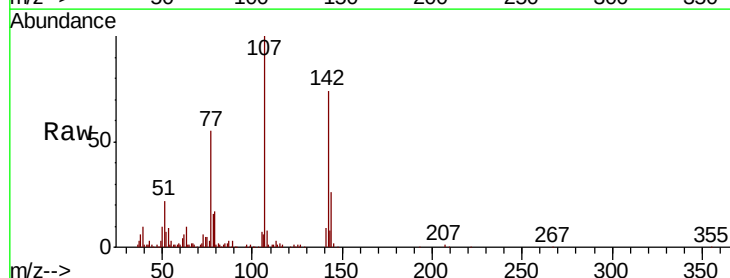
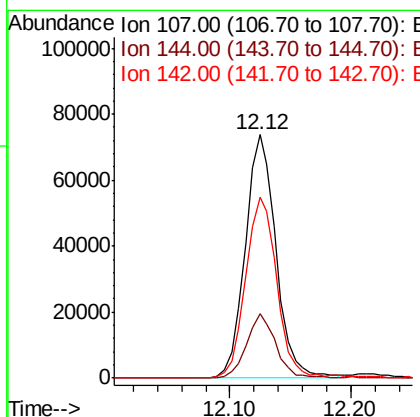
Manual Integrations
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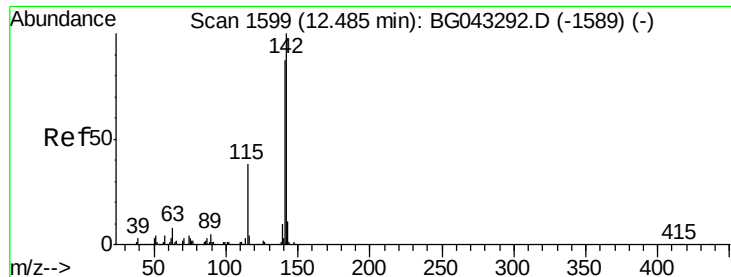
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 44.040 ng
RT: 12.12 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.9	31.3
142	74.3	59.6	89.4





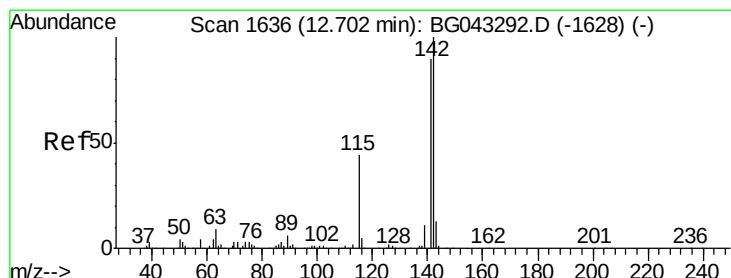
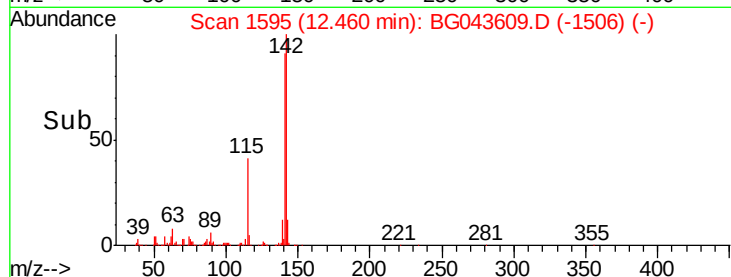
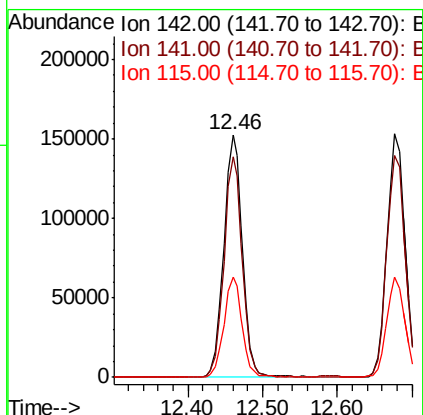
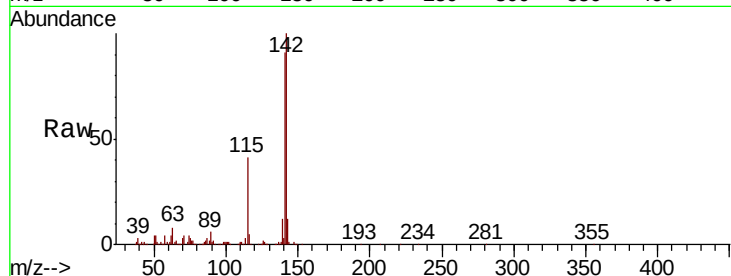
#37
2-Methylnaphthalene
Concen: 41.117 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.2	108.2
115	41.3	33.2	49.8

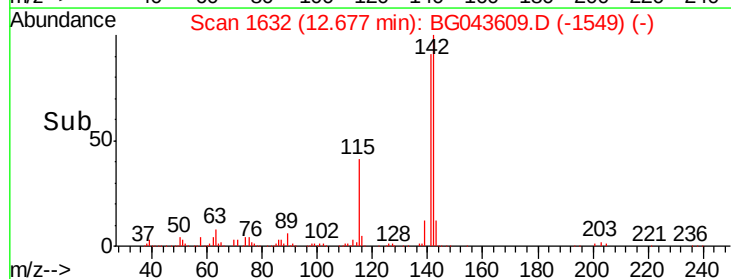
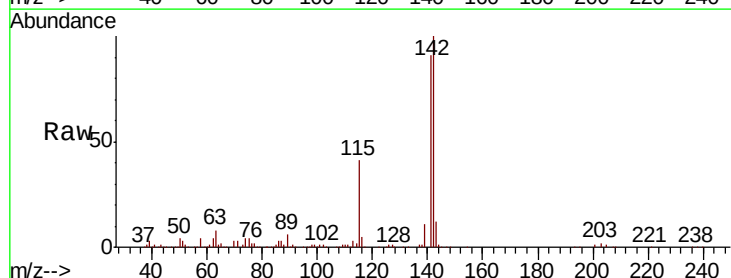
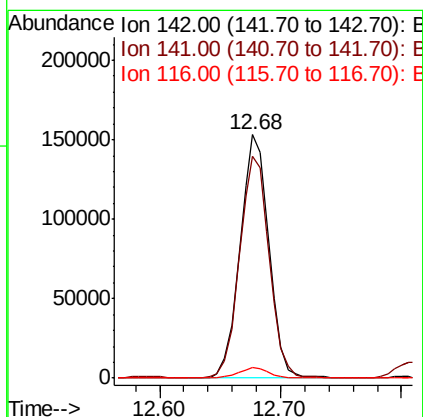
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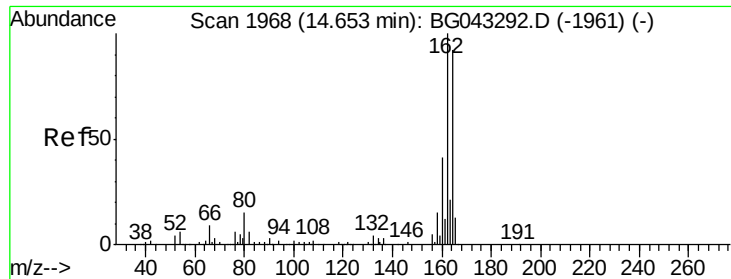
mohammad
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#38
1-Methylnaphthalene
Concen: 41.066 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.2	109.8
116	4.6	3.6	5.4





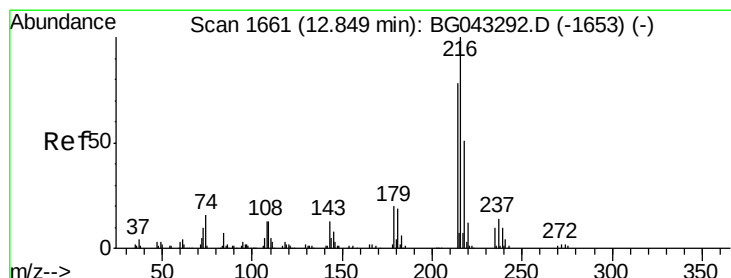
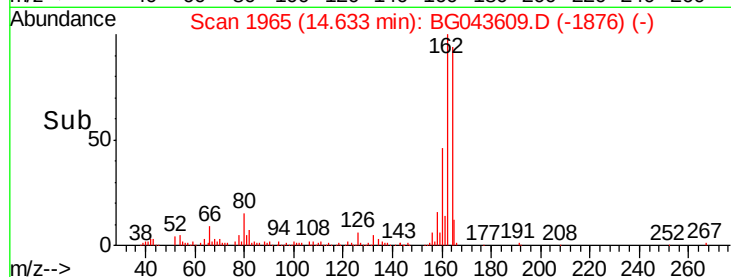
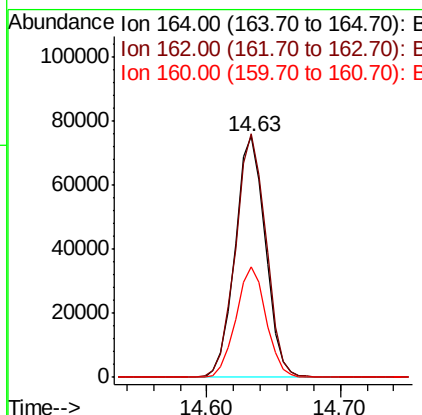
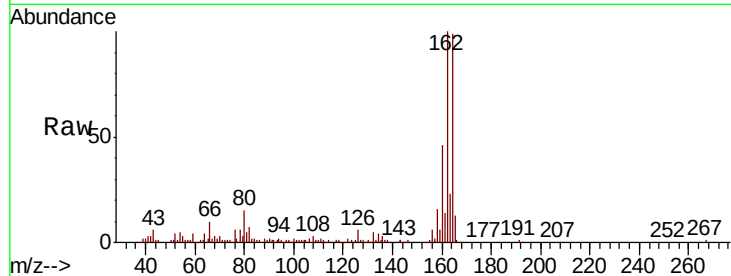
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.5	125.3
160	46.0	36.5	54.7

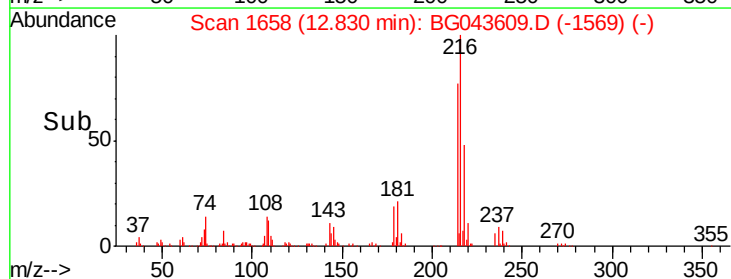
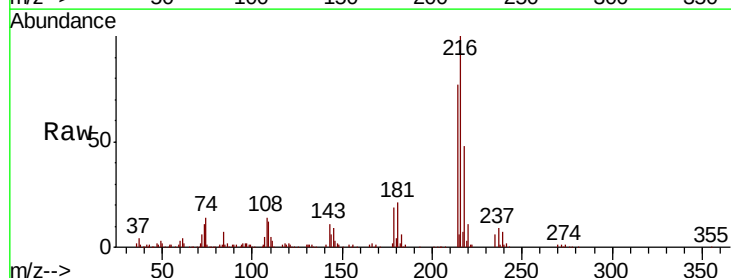
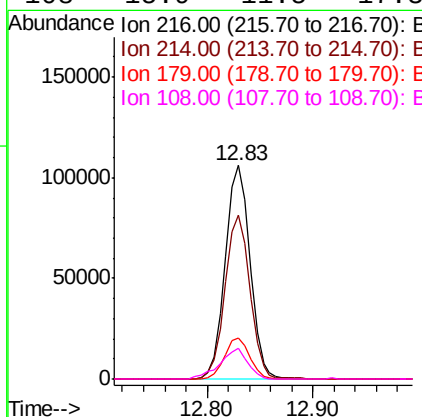
Manual Integrations
APPROVED

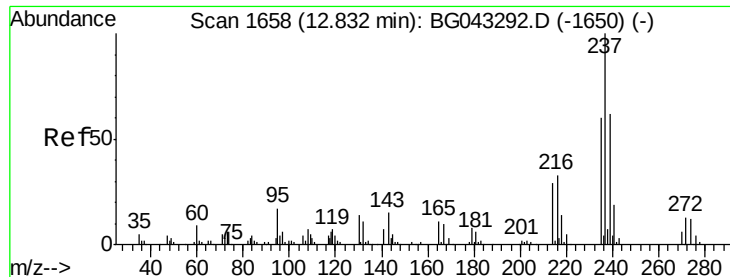
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.468 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.3	61.7	92.5
179	19.4	15.8	23.8
108	15.9	11.5	17.3





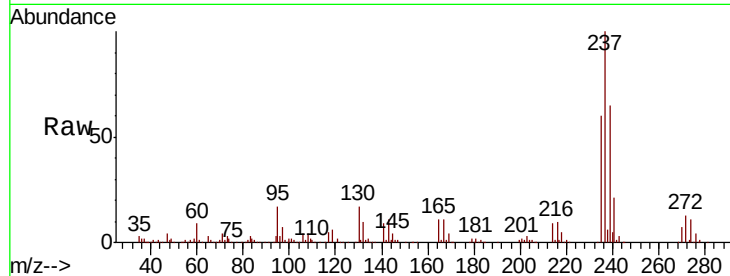
#41
Hexachlorocyclopentadiene
Concen: 72.130 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	60.3	41.6	81.6
272	13.0	0.0	32.5

Manual Integrations
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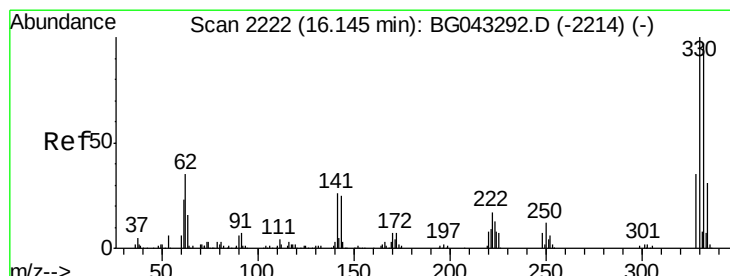
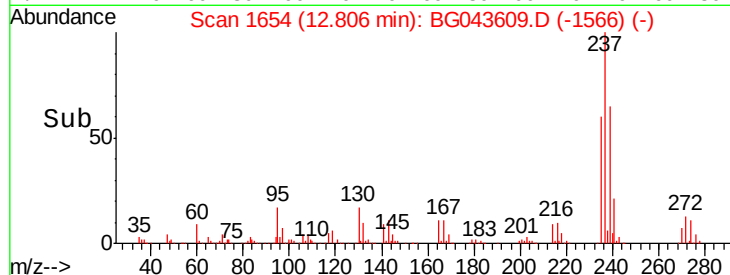
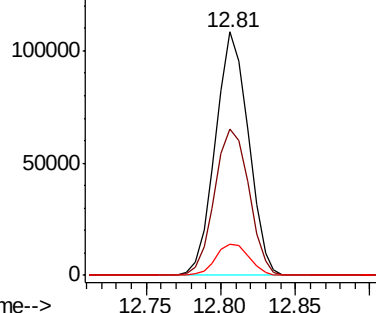


Abundance

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: 74.055 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

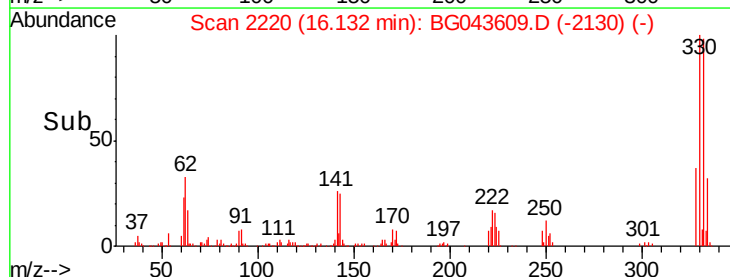
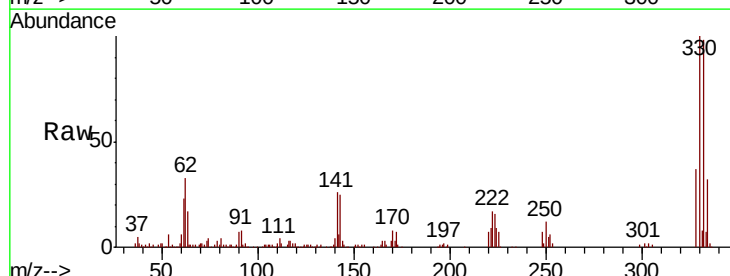
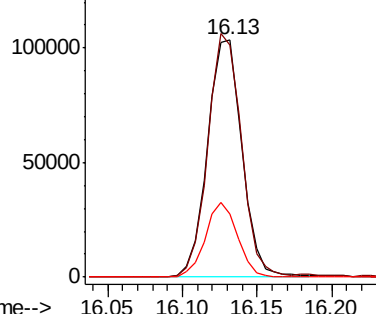
Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	101.2	77.4	116.0
141	29.6	22.8	34.2

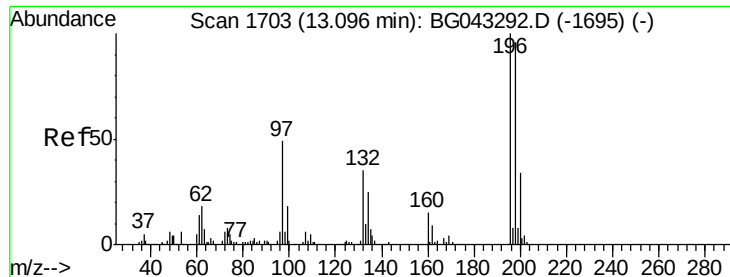
Abundance

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





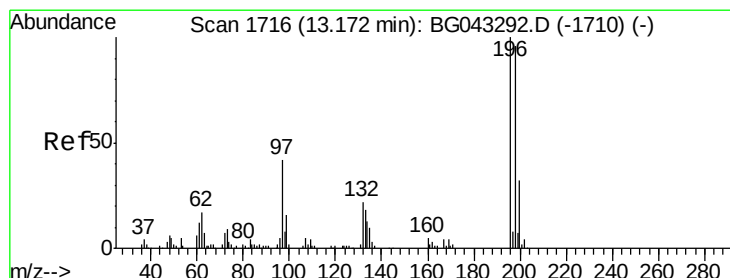
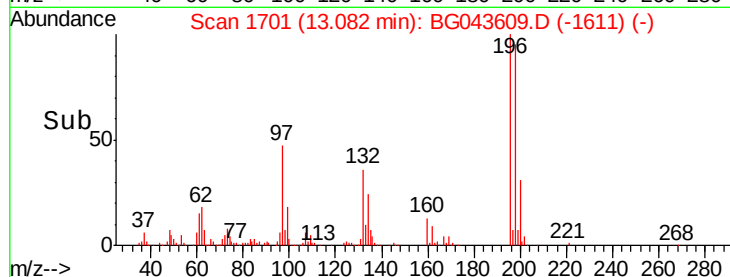
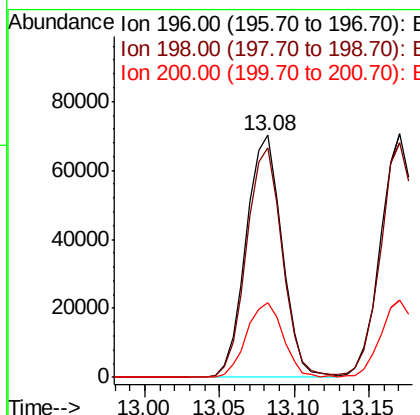
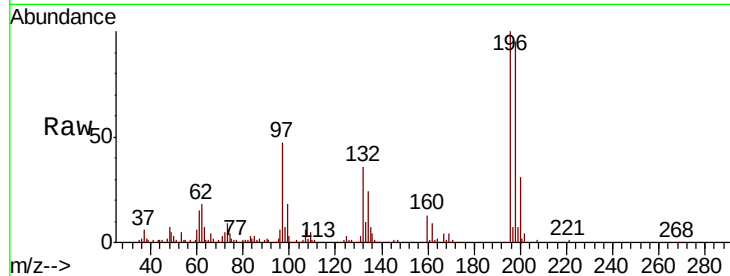
#43
2,4,6-Trichlorophenol
Concen: 45.372 ng
RT: 13.08 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	116827		
198	94.9	75.8	113.6	
200	31.0	23.9	35.9	

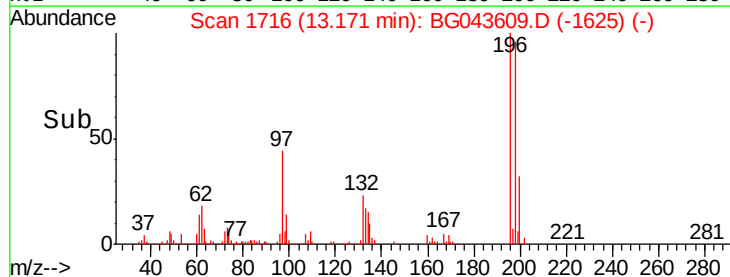
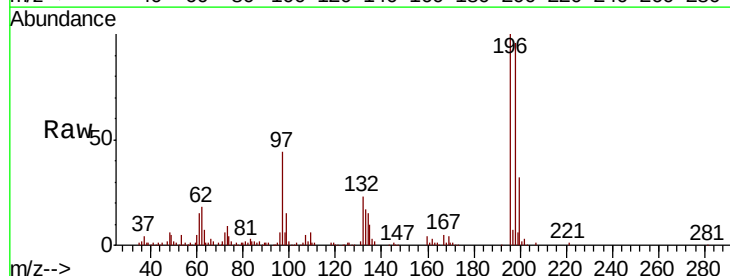
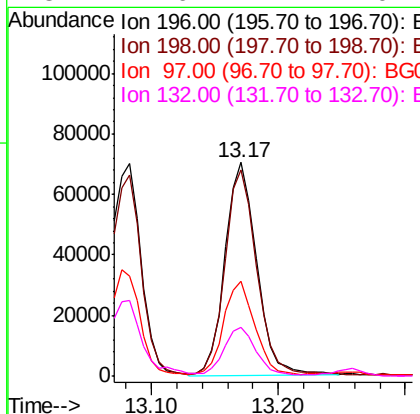
Manual Integrations
APPROVED

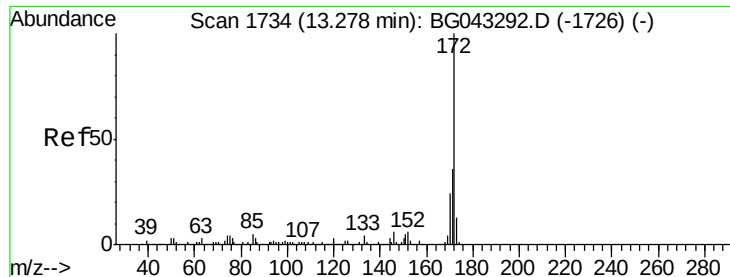
mohammad
11/12/2019 5:04:23 PM



#44
2,4,5-Trichlorophenol
Concen: 46.838 ng
RT: 13.17 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	121926		
198	96.5	74.5	111.7	
97	44.2	36.3	54.5	
132	22.6	17.4	26.2	





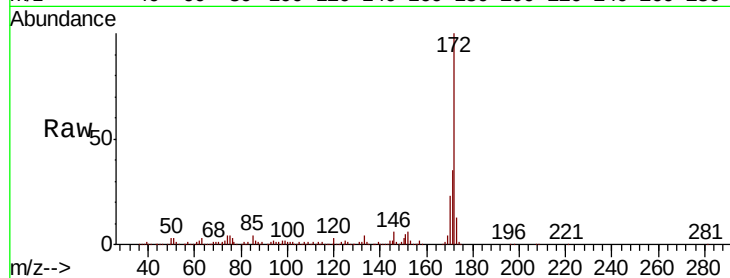
#45
2-Fluorobiphenyl
Concen: 81.029 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.3	18.5	27.7

Manual Integrations
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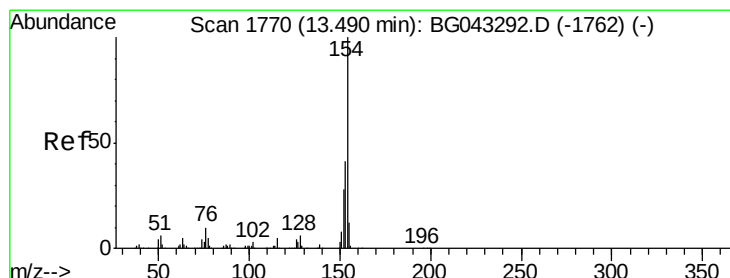
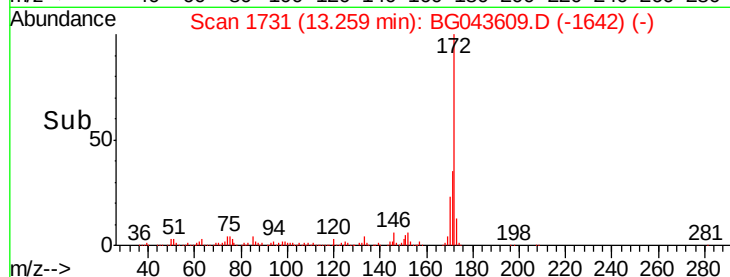
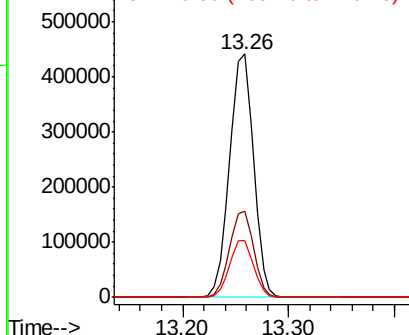


Abundance

Ion 172.00 (171.70 to 172.70): E

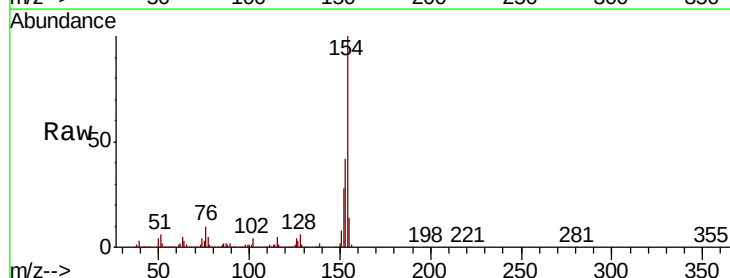
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.617 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	41.9	19.9	59.9
76	9.6	0.0	29.4

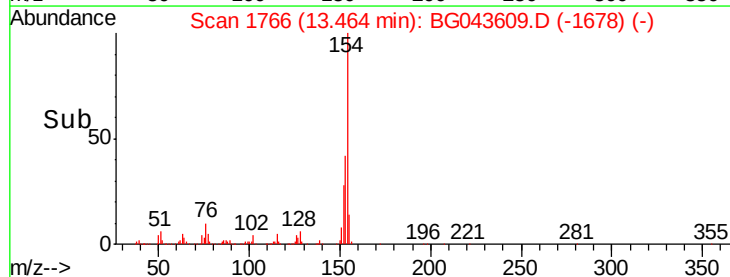
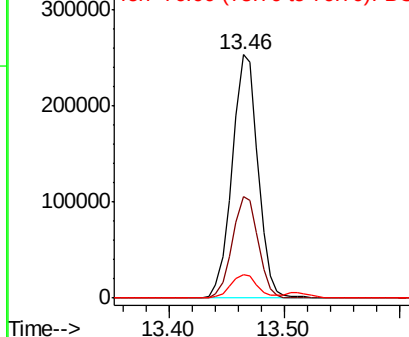


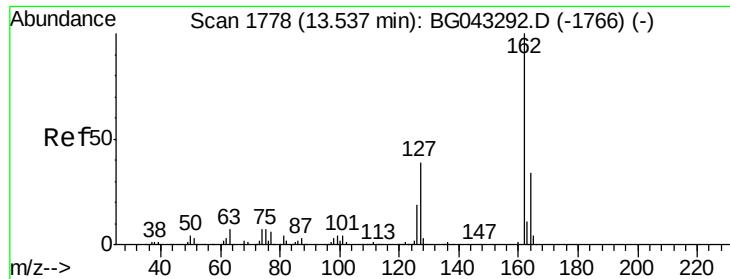
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





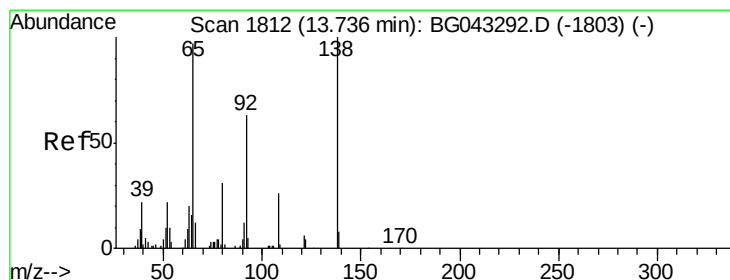
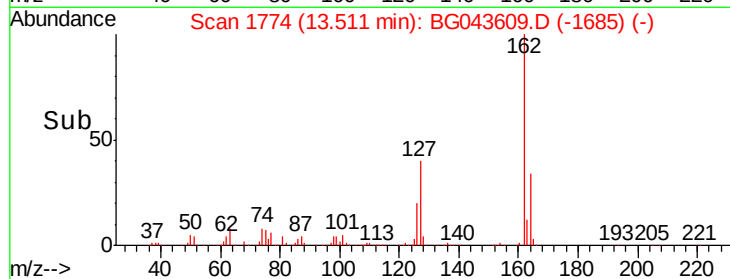
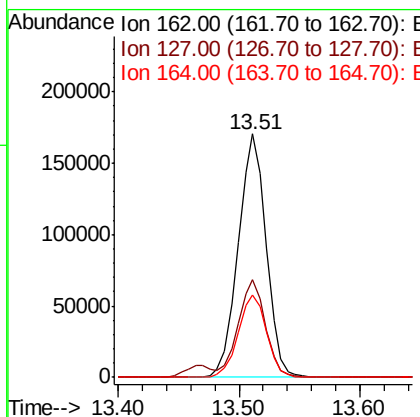
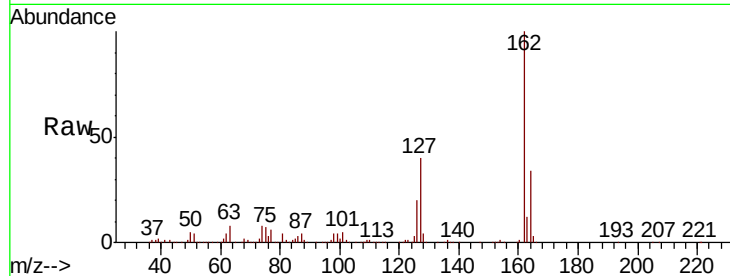
#47
2-Chloronaphthalene
Concen: 40.217 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.2	46.8
164	33.8	25.8	38.8

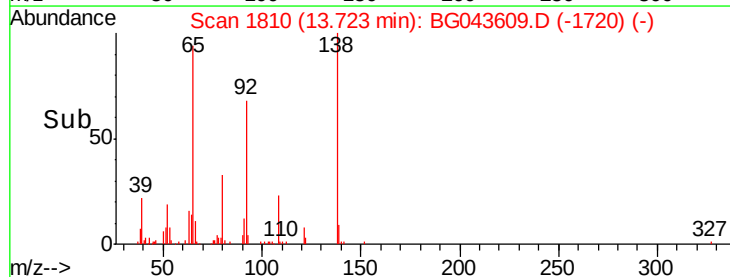
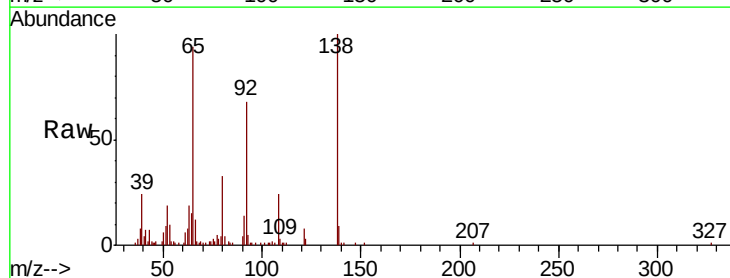
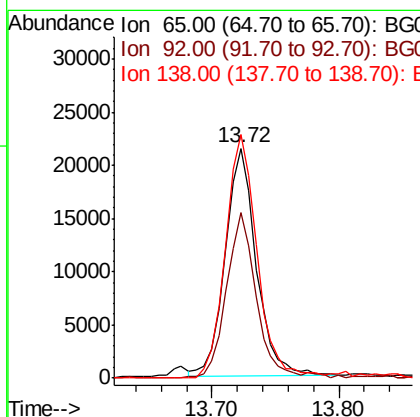
Manual Integrations
APPROVED

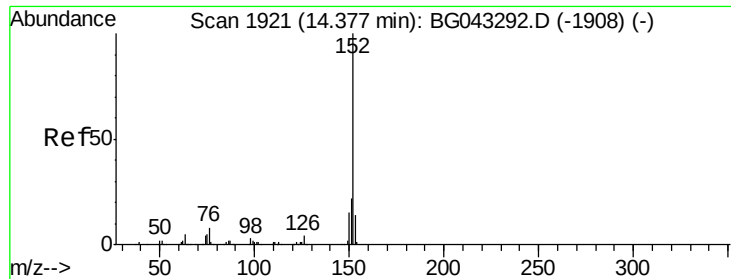
mohammad
11/12/2019 5:04:23 PM



#48
2-Nitroaniline
Concen: 17.710 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	56.2	84.2
138	106.1	82.6	123.8





#49

Acenaphthylene

Concen: 40.959 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

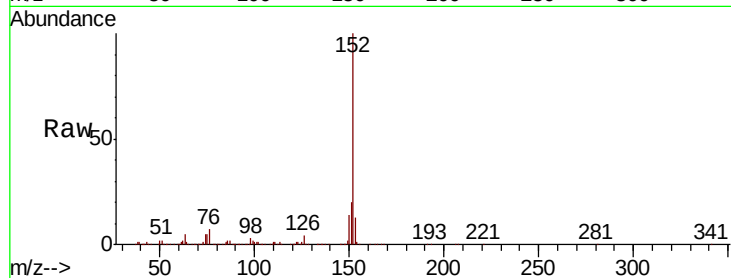
ClientSampleId :

HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.4	10.6	15.8

Manual Integrations
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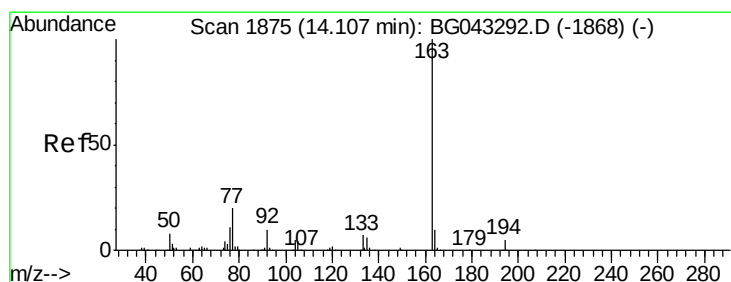
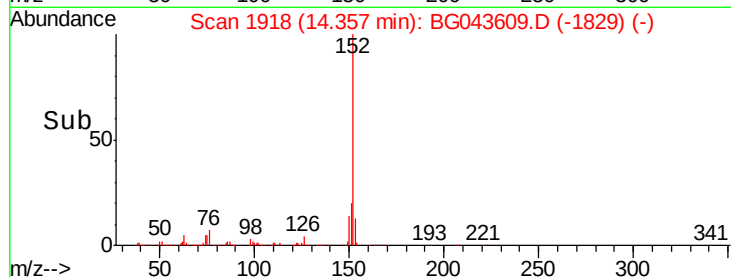
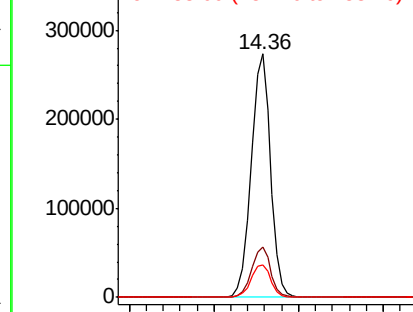


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.296 ng

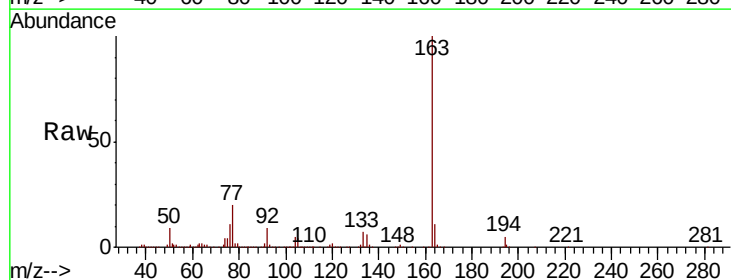
RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.6
164	10.5	8.9	13.3

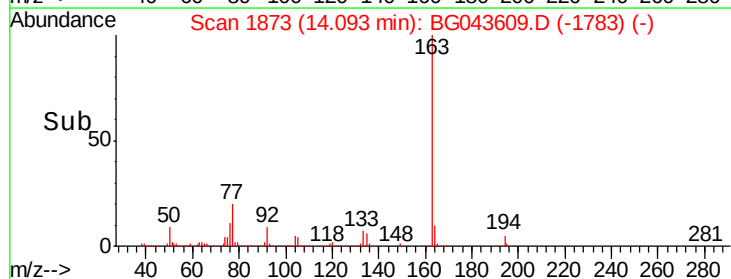
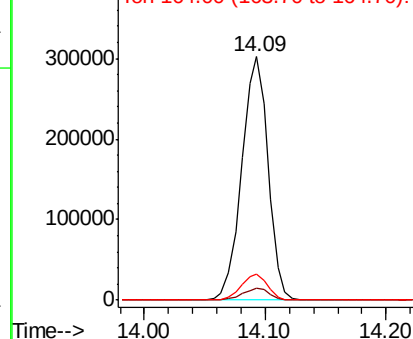


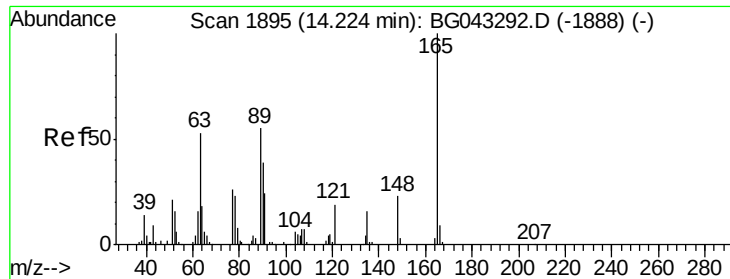
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





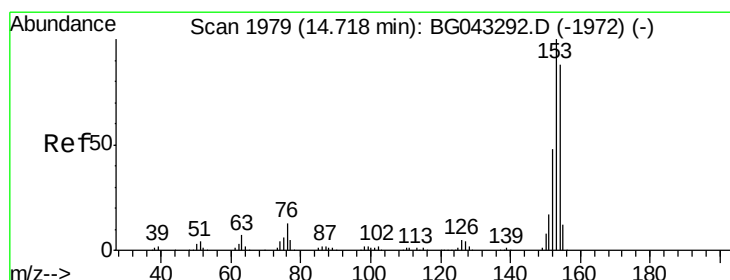
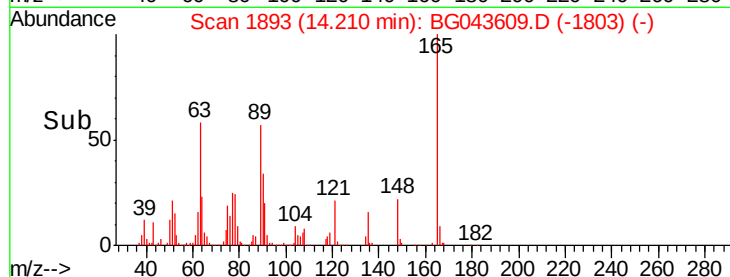
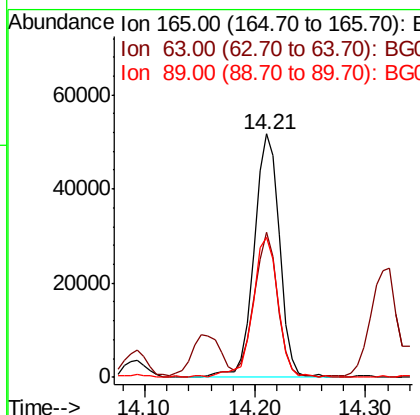
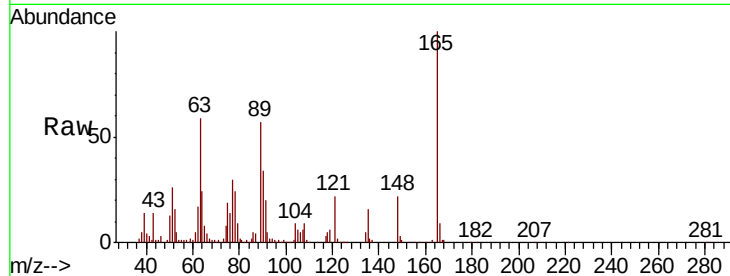
#51
2,6-Dinitrotoluene
Concen: 42.015 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	83527		
63	59.4	46.6	69.8	
89	57.5	45.1	67.7	

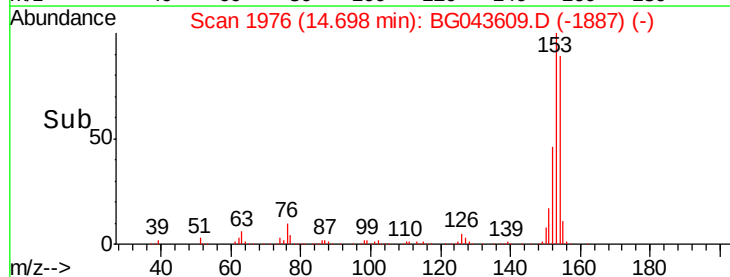
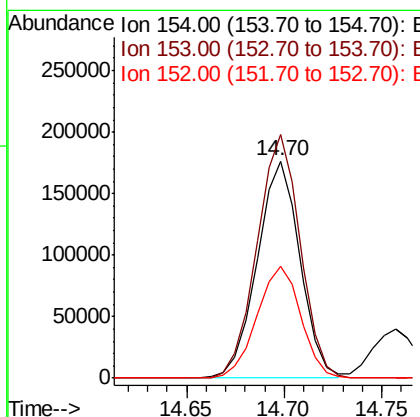
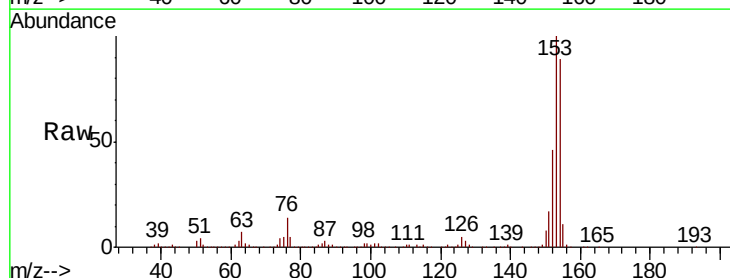
Manual Integrations
APPROVED

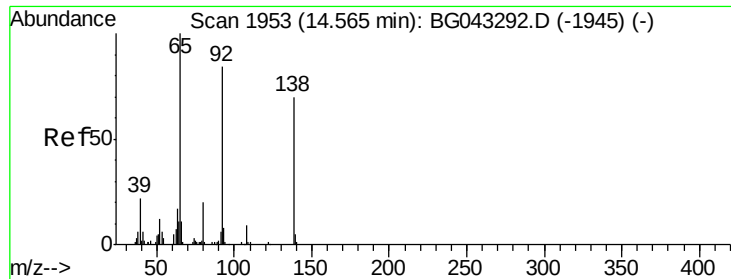
mohammad
11/12/2019 5:04:23 PM



#52
Acenaphthene
Concen: 41.104 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	266786		
153	112.1	88.2	132.2	
152	51.7	40.0	60.0	





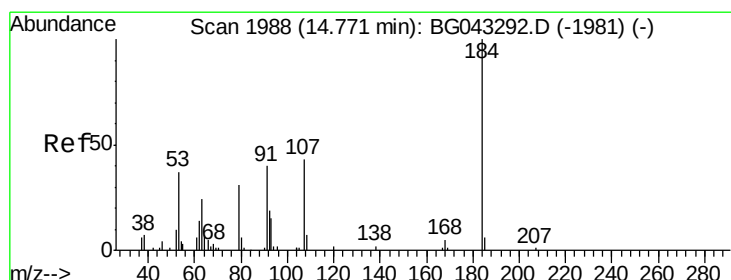
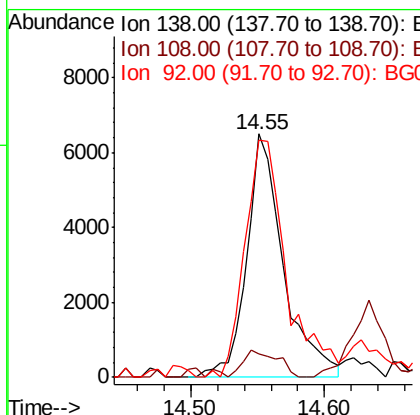
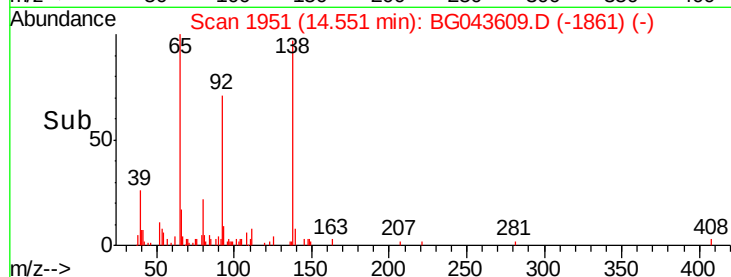
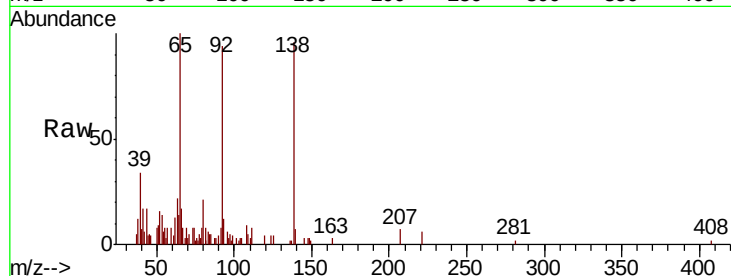
#53
3-Nitroaniline
Concen: 6.415 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.0	12.0
92	97.4	90.9	136.3

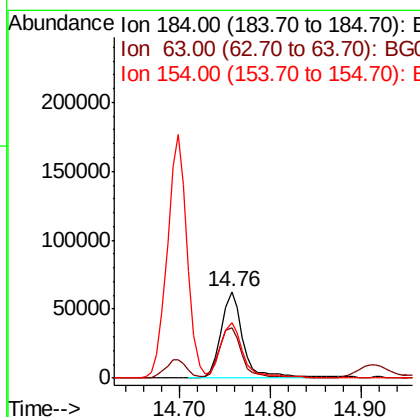
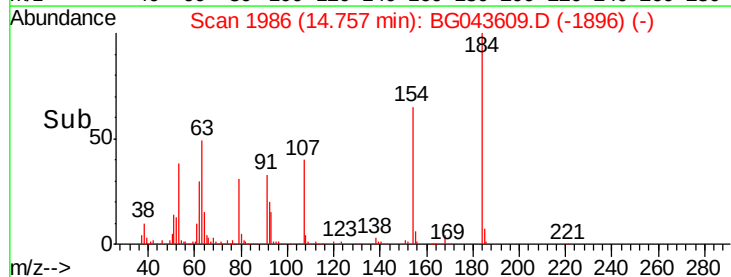
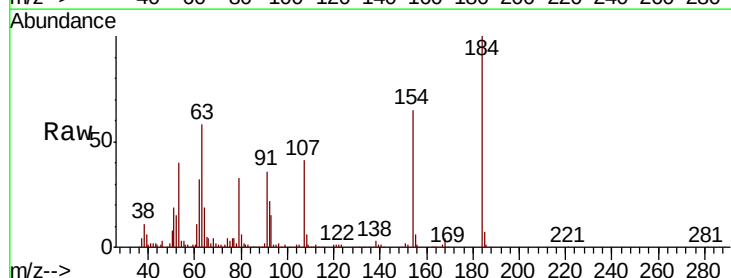
Manual Integrations
APPROVED

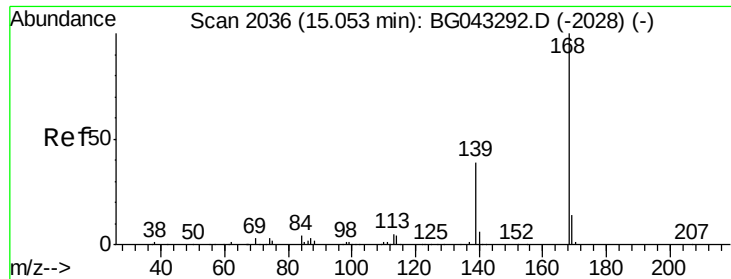
mohammad
11/12/2019 5:04:23 PM



#54
2,4-Dinitrophenol
Concen: 84.974 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.9	51.3	76.9
154	64.5	55.4	83.0





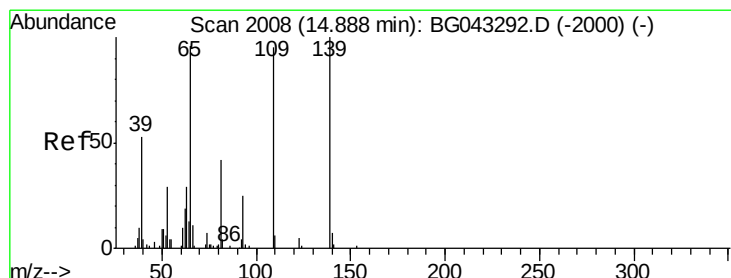
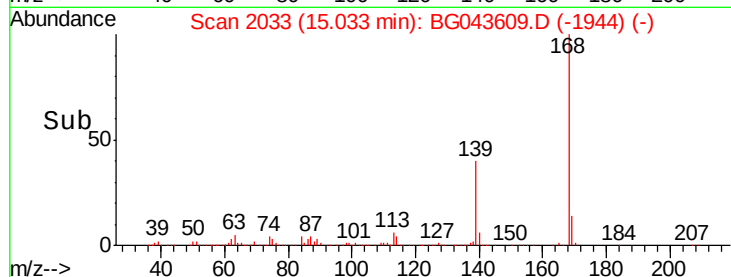
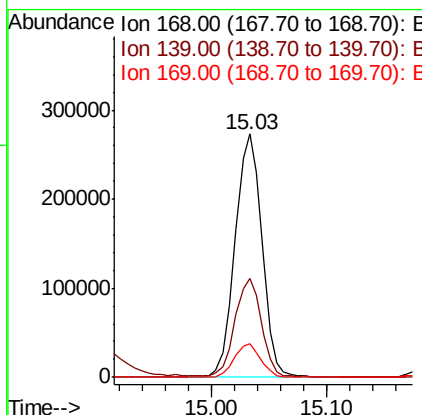
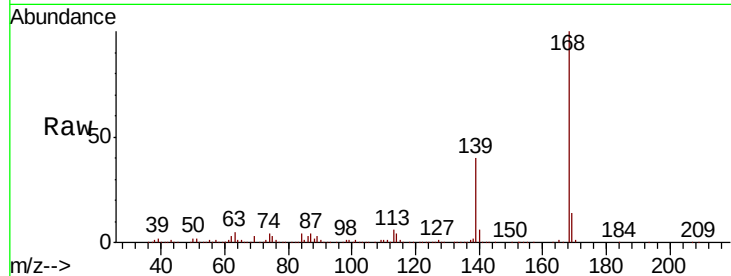
#55
Dibenzenofuran
Concen: 41.622 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	31.0	46.6
169	13.7	11.7	17.5

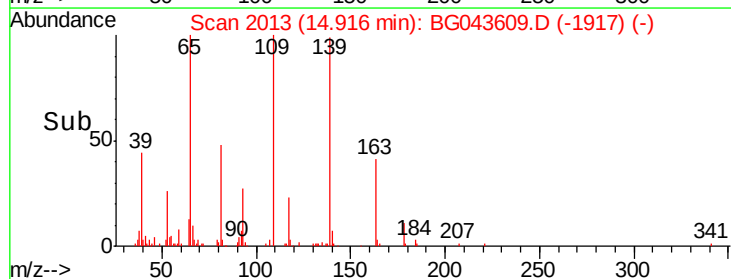
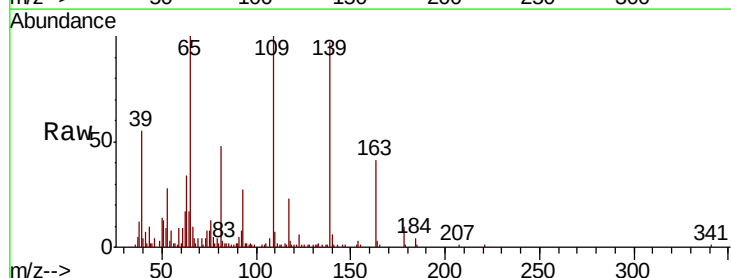
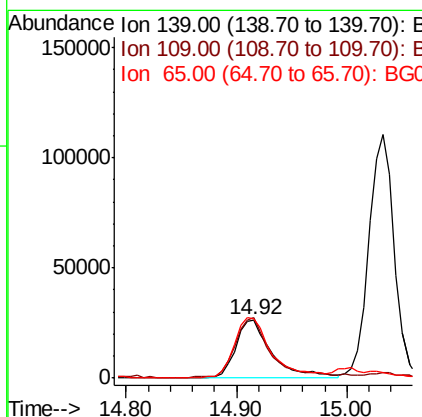
Manual Integrations
APPROVED

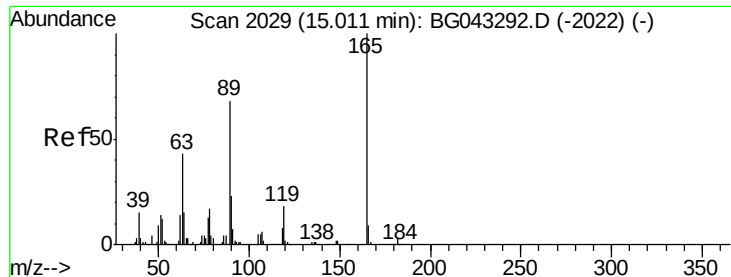
mohammad
11/12/2019 5:04:23 PM



#56
4-Nitrophenol
Concen: 47.405 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.03 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.8	87.2	127.2
65	102.3	83.8	123.8





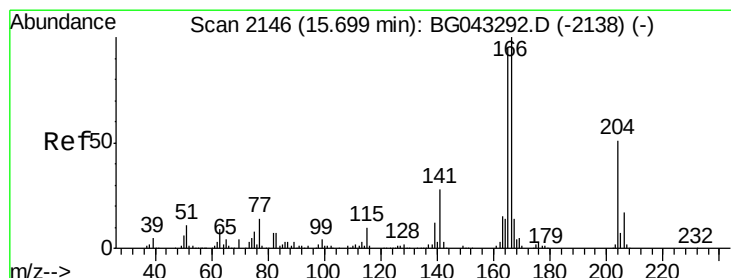
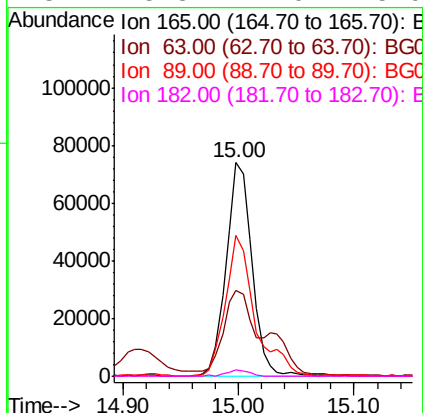
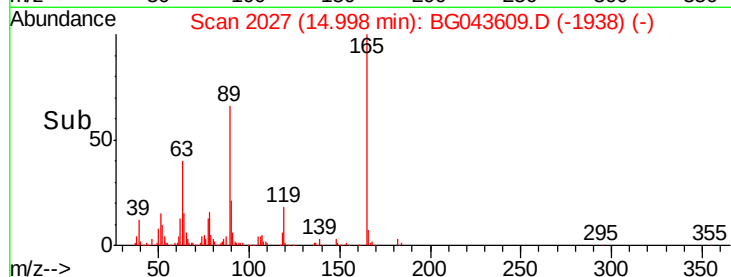
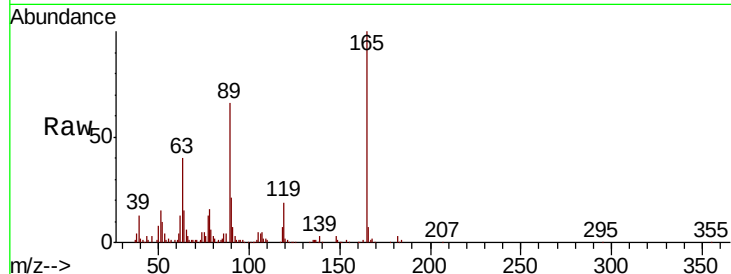
#57
2,4-Dinitrotoluene
Concen: 40.366 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	40.4	33.2	49.8
89	66.0	52.2	78.4
182	3.3	2.0	3.0#

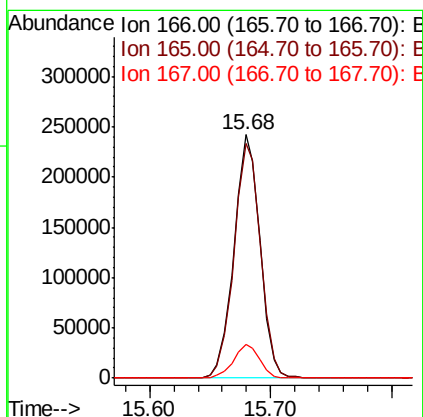
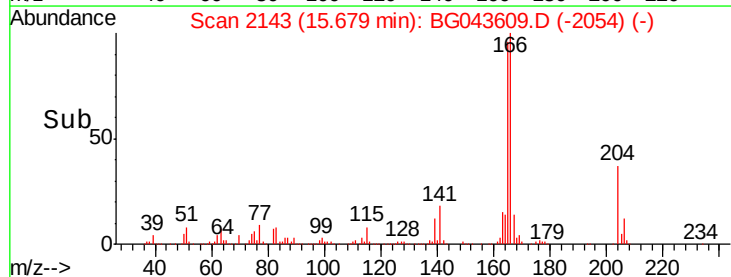
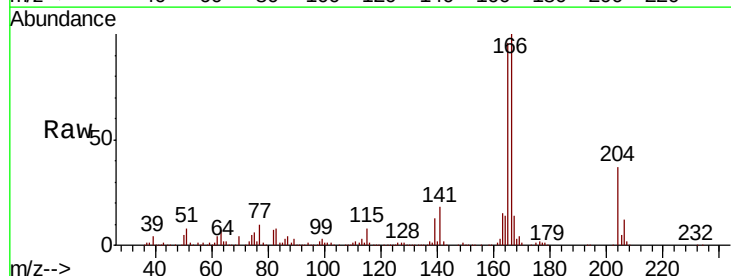
Manual Integrations
APPROVED

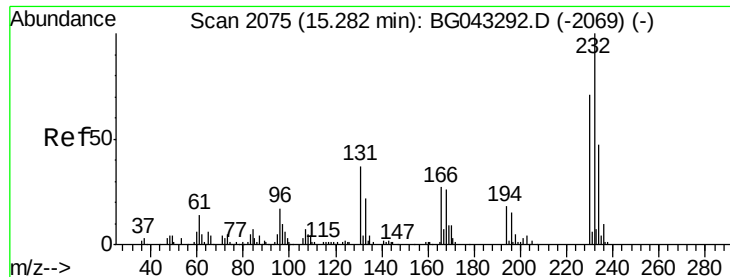
mohammad
11/12/2019 5:04:23 PM



#58
Fluorene
Concen: 41.126 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	96.3	79.0	118.6
167	13.6	10.5	15.7





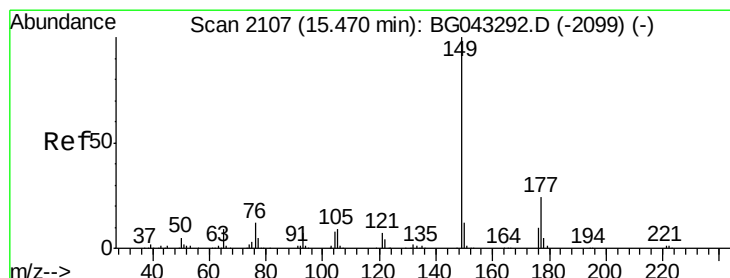
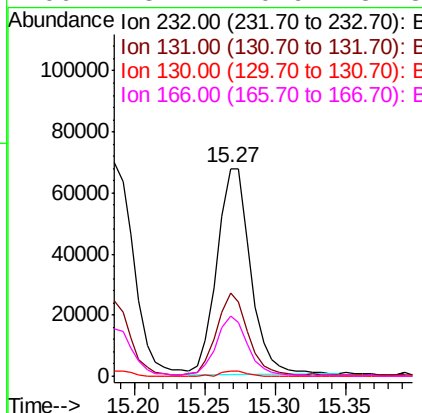
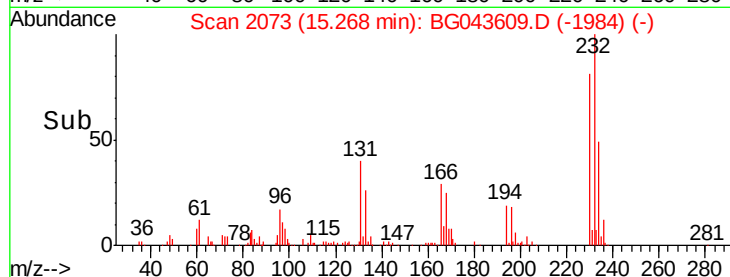
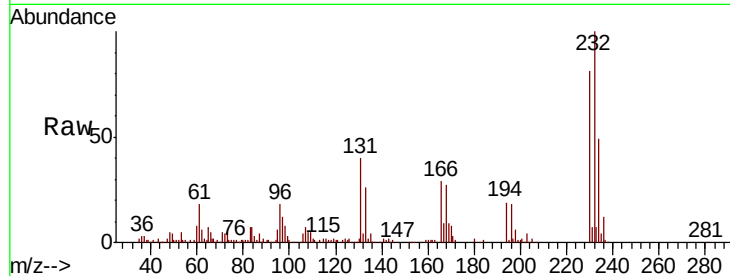
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.529 ng
RT: 15.27 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.5	26.9	40.3
130	2.1	1.8	2.6
166	28.4	20.9	31.3

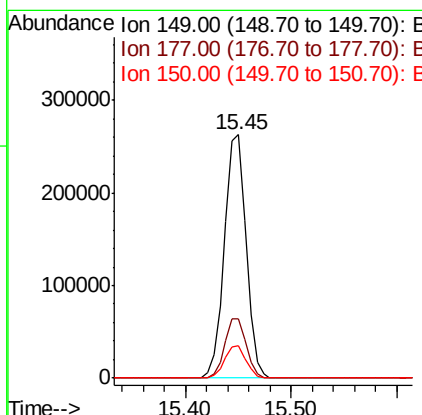
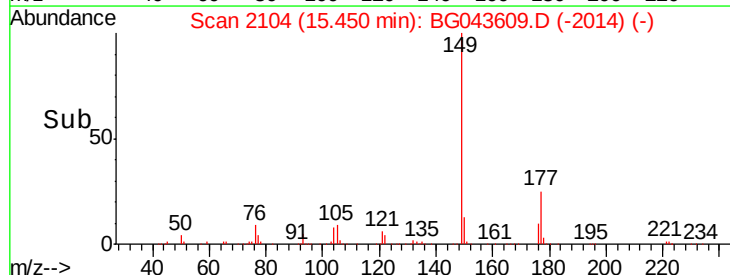
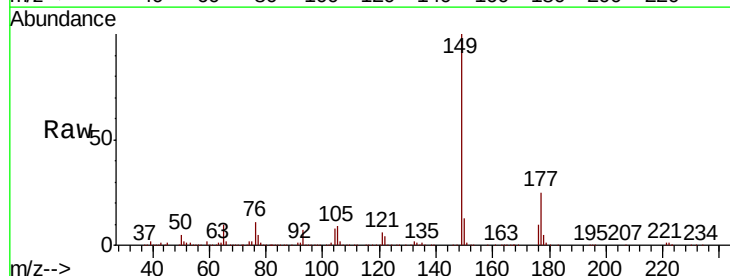
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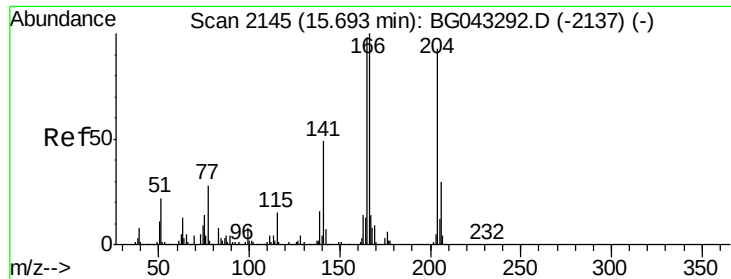
mohammad
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#60
Diethylphthalate
Concen: 40.767 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.6	29.4
150	13.4	10.8	16.2





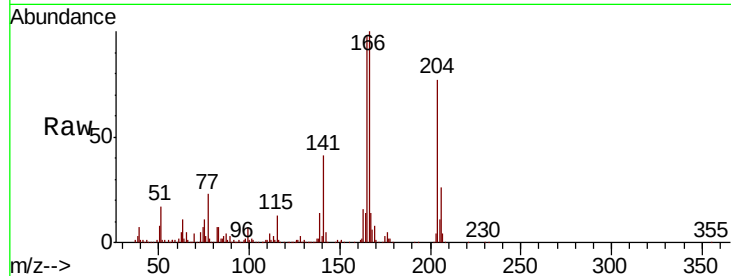
#61
4-Chlorophenyl-phenylether
Concen: 40.733 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	28.4	42.6
141	53.6	43.0	64.6

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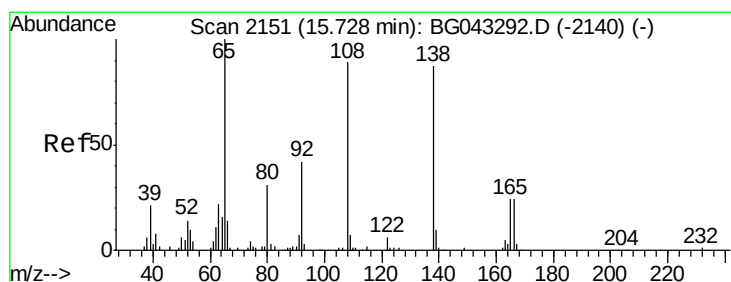
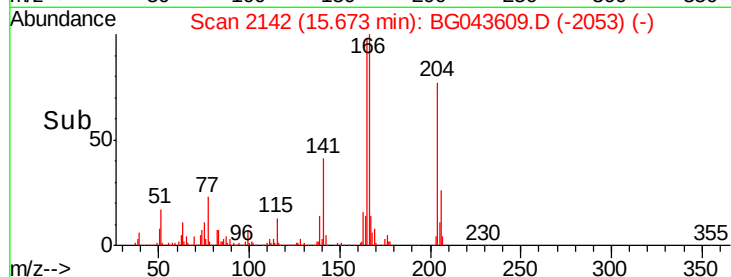
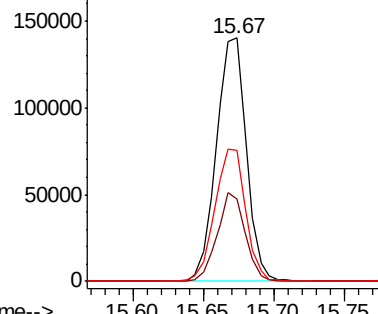


Abundance

Ion 204.00 (203.70 to 204.70): E

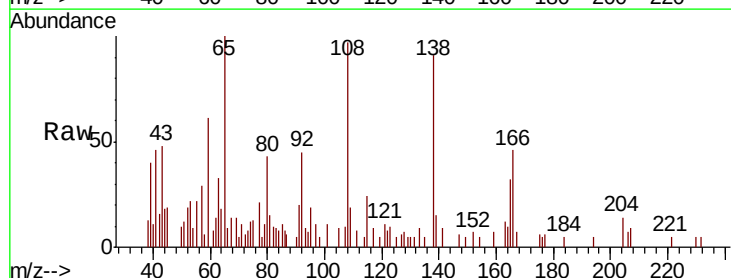
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 2.261 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	33.4	73.4
108	106.6	78.0	118.0

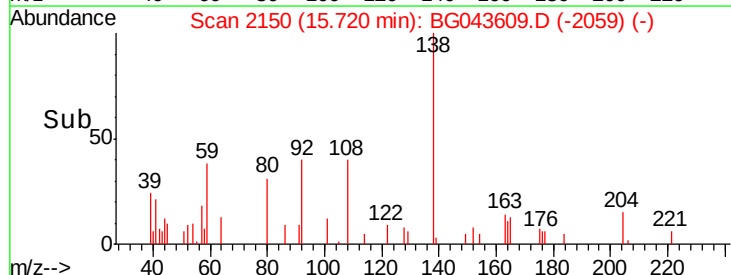
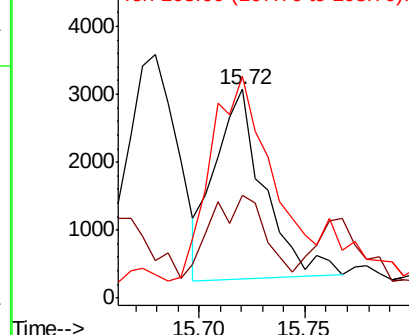


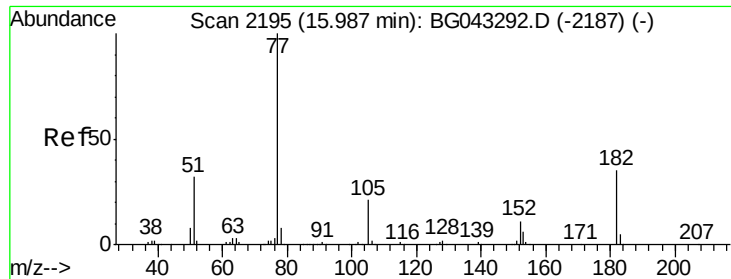
Abundance

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





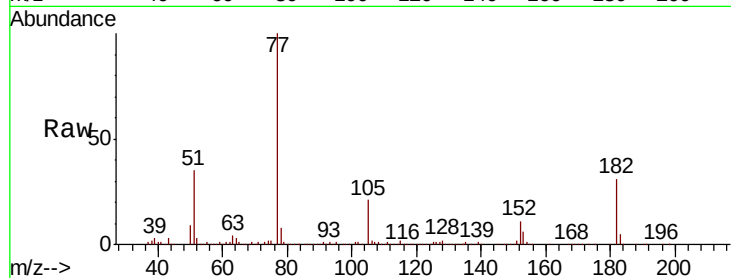
#63
Azobenzene
Concen: 40.414 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

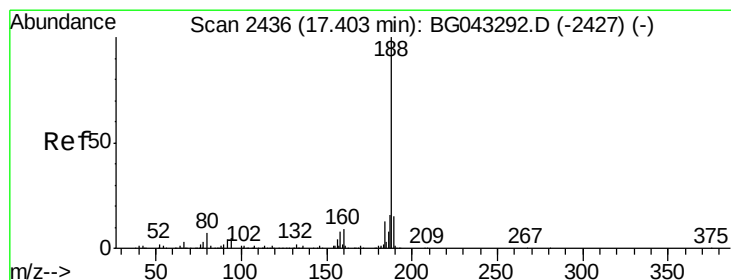
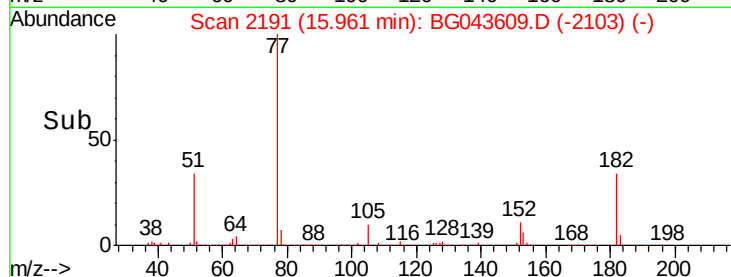
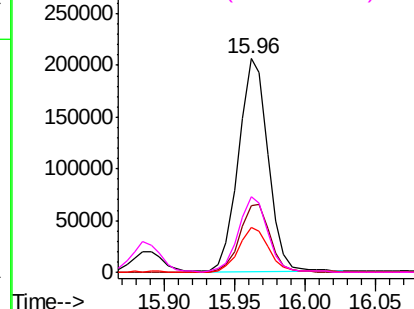
Tot Ion	Ratio	Lower	Upper
77	100		
182	31.4	13.7	53.7
105	21.0	0.4	40.4
51	35.4	11.0	51.0

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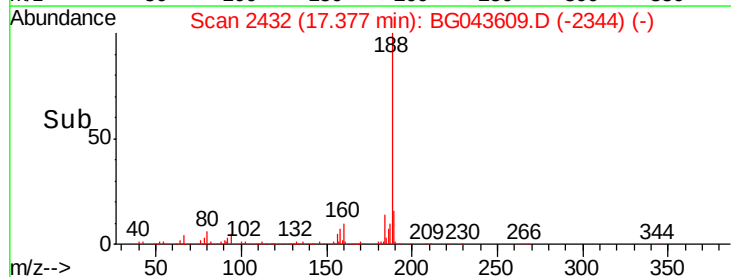
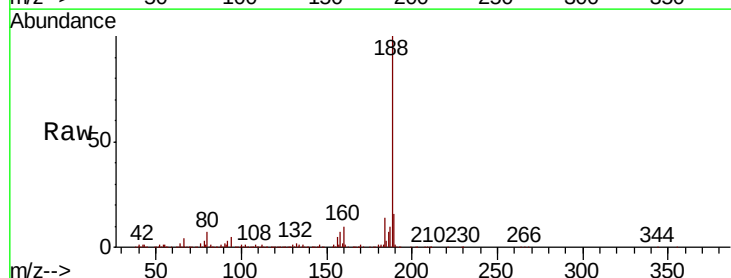
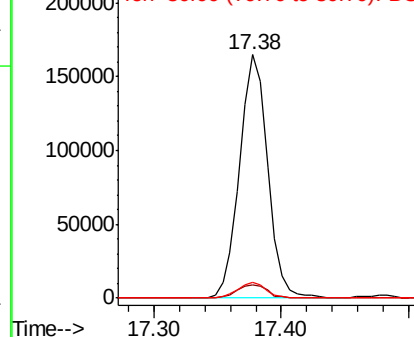
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

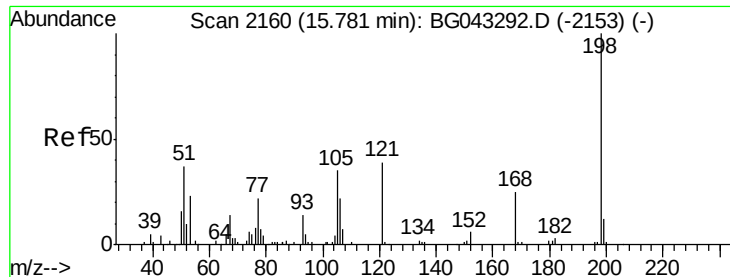


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.2	6.4
80	6.6	4.5	6.7

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





#65

4,6-Dinitro-2-methylphenol

Concen: 46.604 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

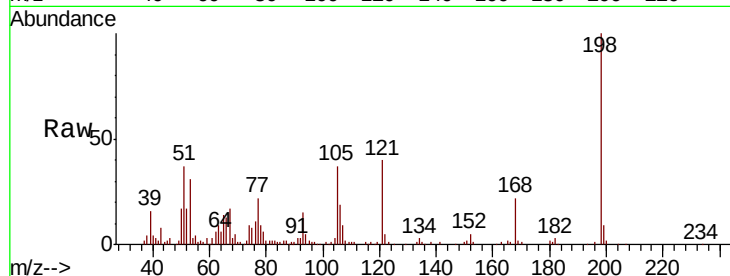
ClientSampleId :

HP-640-XMSD

Tot Ion:	198	Resp:	69232
Ion Ratio	Lower	Upper	
198	100		
51	36.8	13.2	53.2
105	36.6	15.8	55.8

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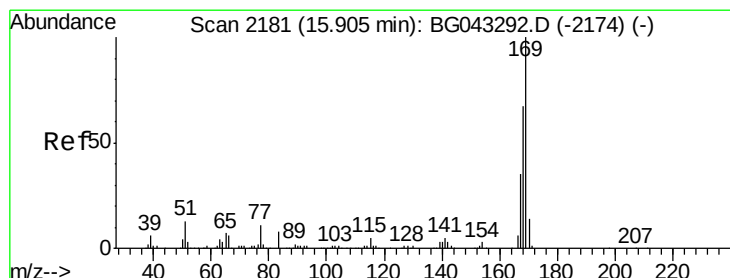
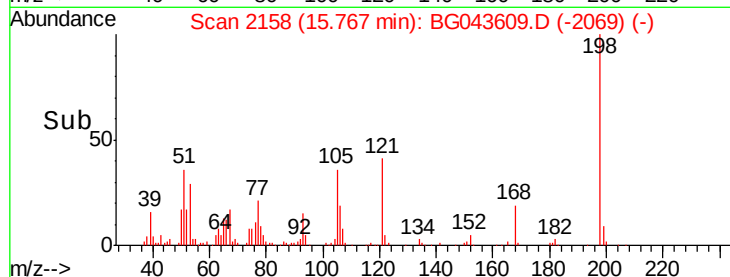
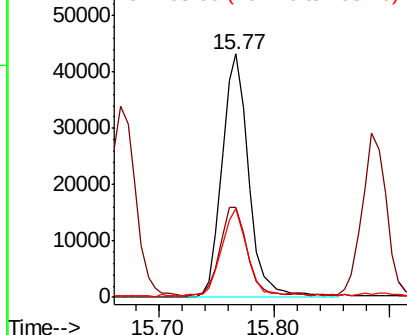


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.980 ng

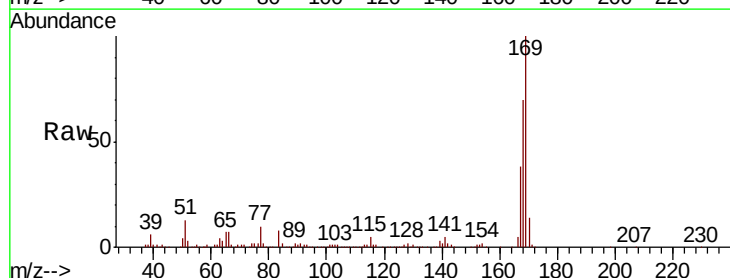
RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion:	169	Resp:	313431
Ion Ratio	Lower	Upper	
169	100		
168	69.5	53.8	80.6
167	37.8	27.5	41.3

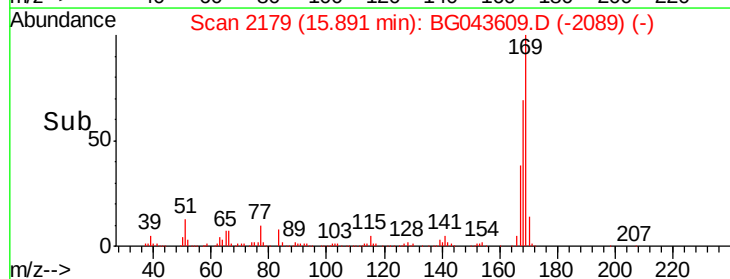
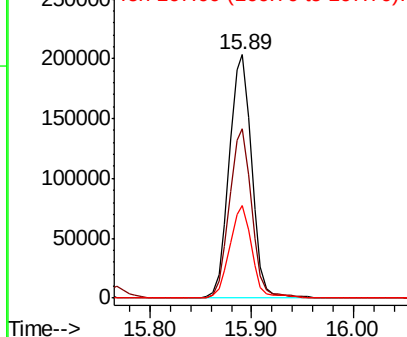


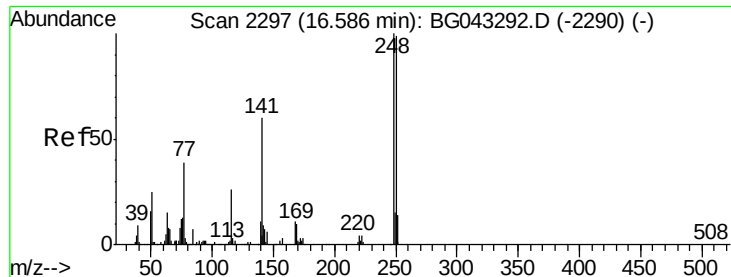
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





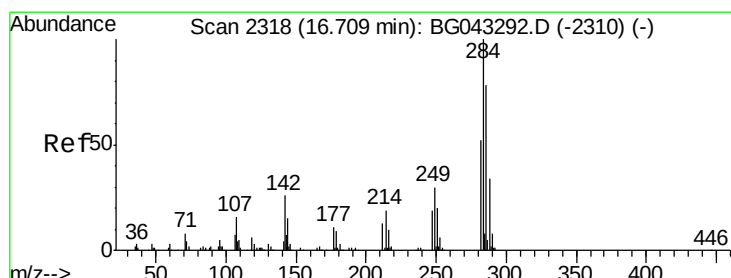
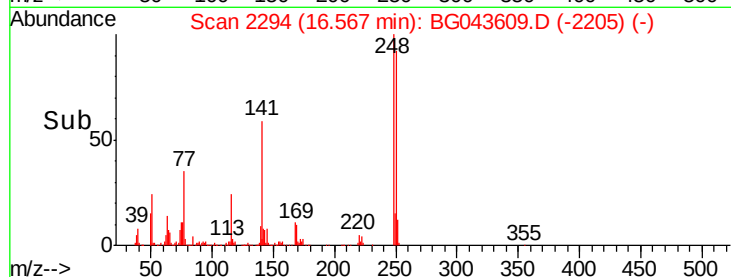
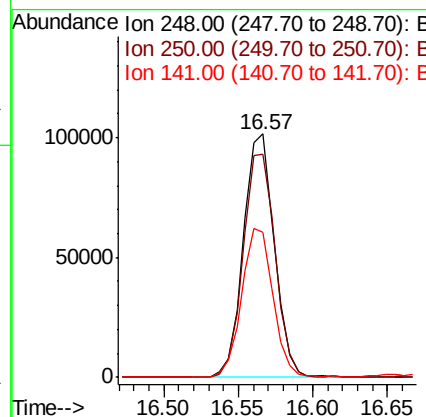
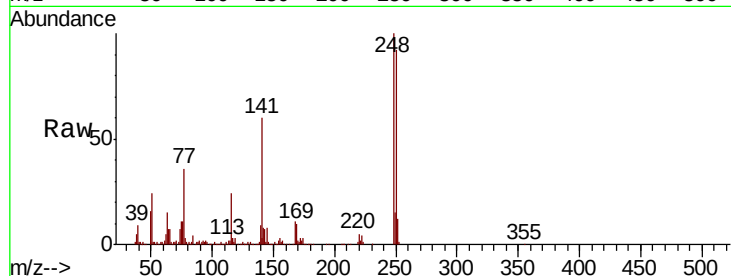
#67
4-Bromophenyl-phenylether
Concen: 42.935 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	91.8	77.0	115.4
141	59.7	47.5	71.3

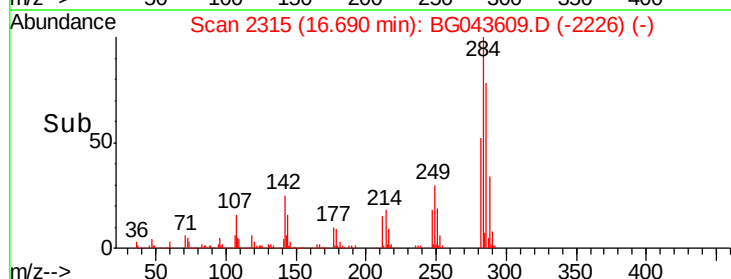
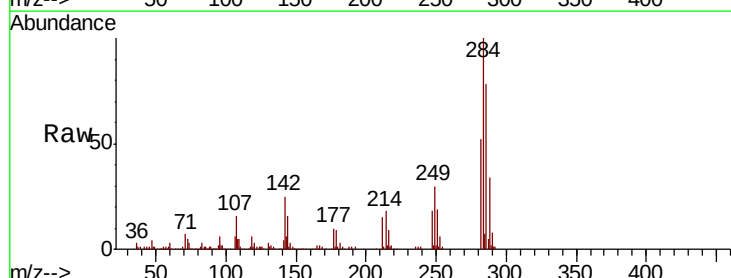
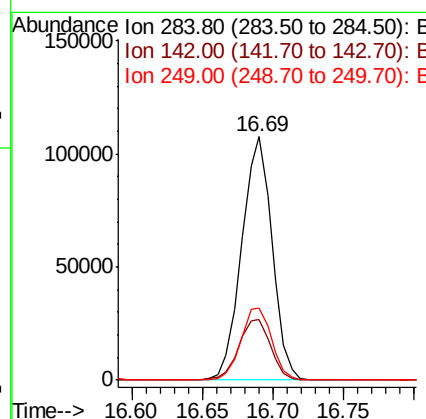
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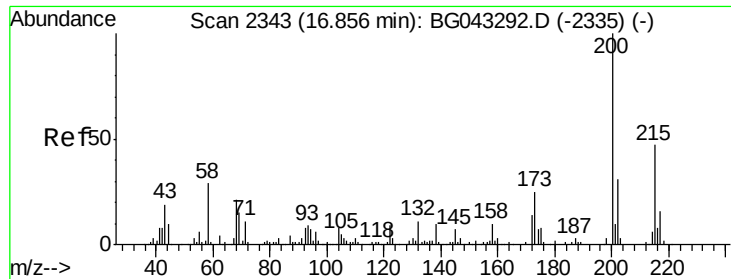
mohammad
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#68
Hexachlorobenzene
Concen: 41.482 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.9	19.8	29.8
249	29.7	23.8	35.6





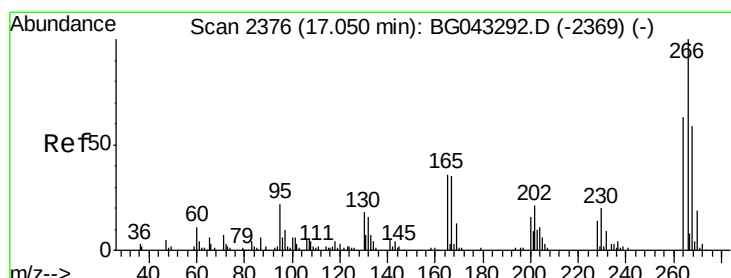
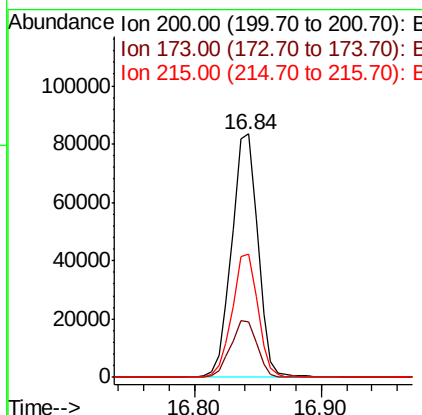
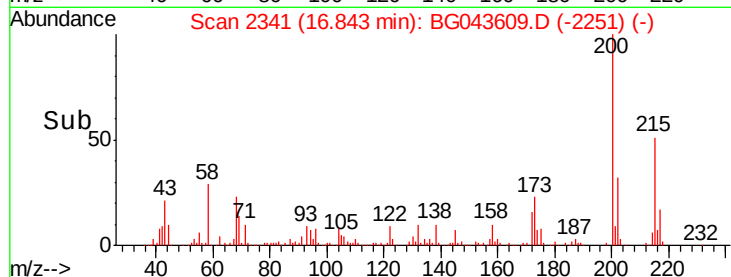
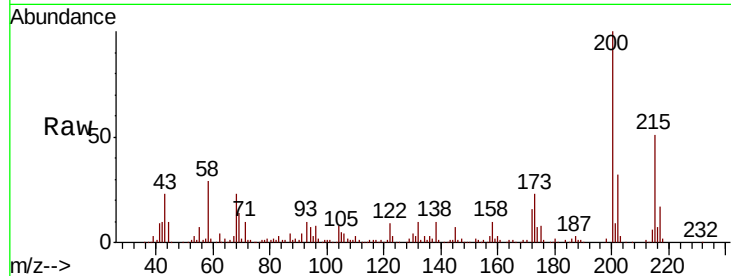
#69
Atrazine
Concen: 48.037 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.6	4.7	44.7
215	50.9	28.5	68.5

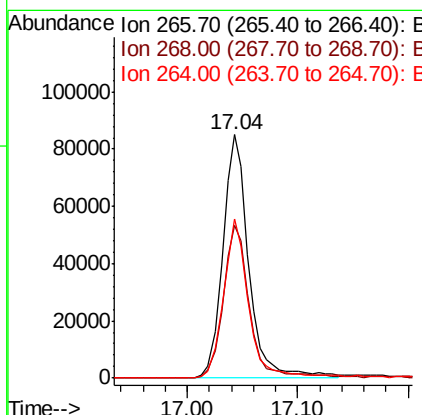
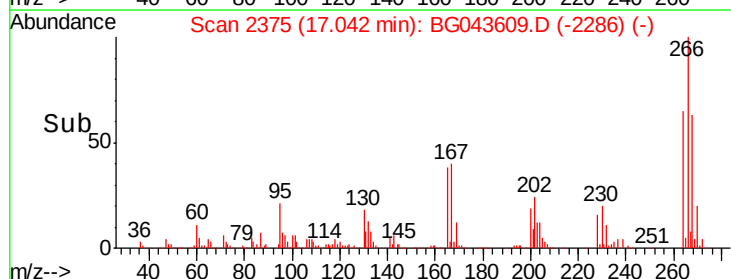
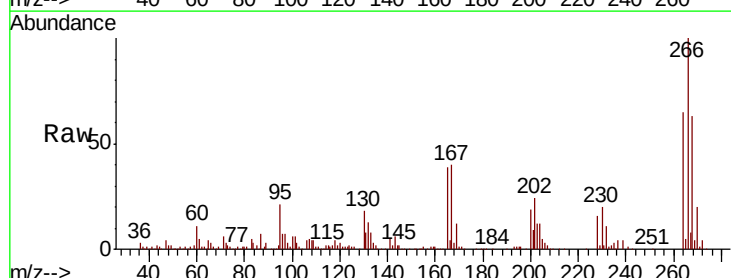
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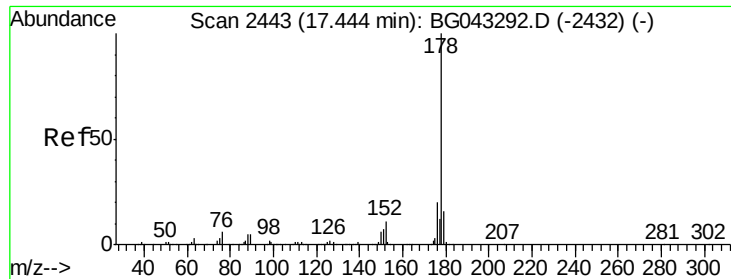
mohammad
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#70
Pentachlorophenol
Concen: 78.553 ng
RT: 17.04 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.8	50.4	75.6
264	65.2	48.9	73.3





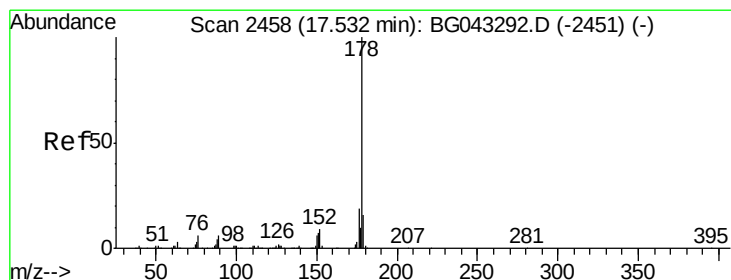
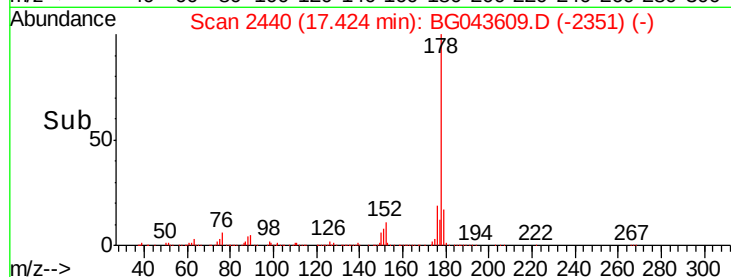
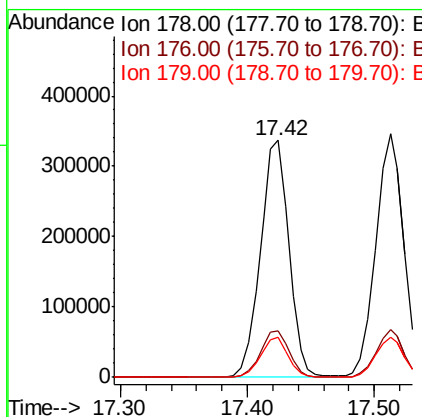
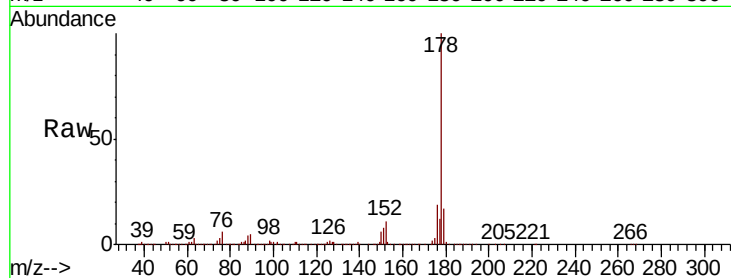
#71
Phenanthrene
Concen: 40.813 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	17.1	13.0	19.6

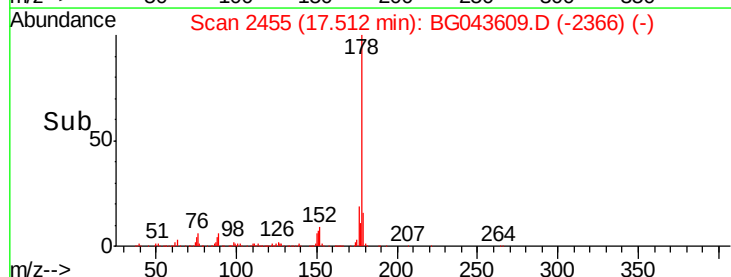
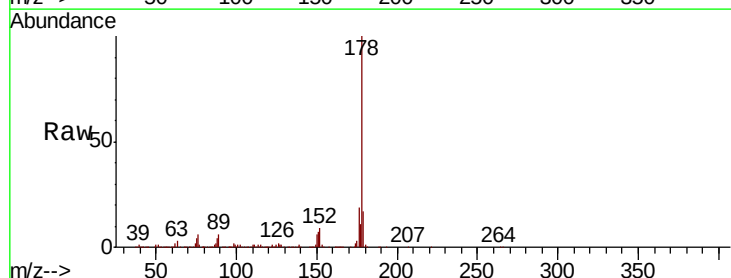
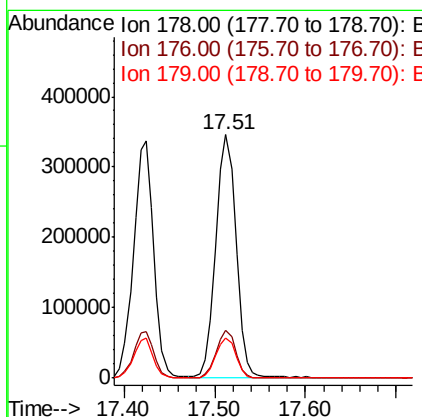
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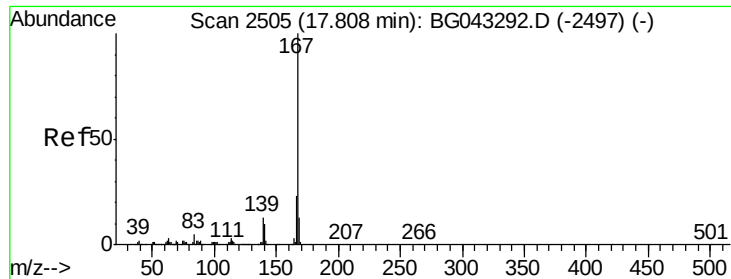
mohammad
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#72
Anthracene
Concen: 41.706 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	16.6	13.7	20.5





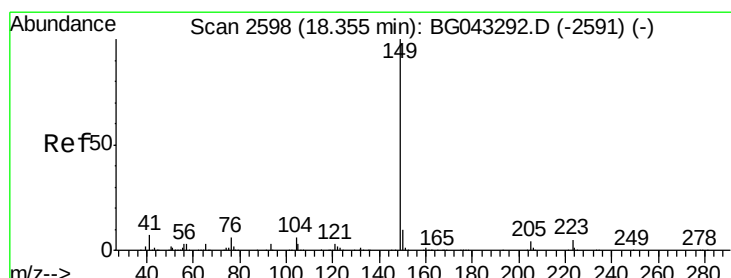
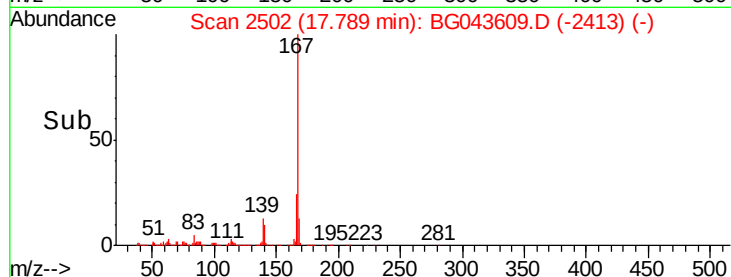
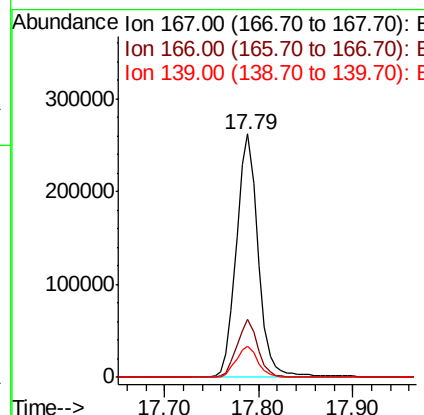
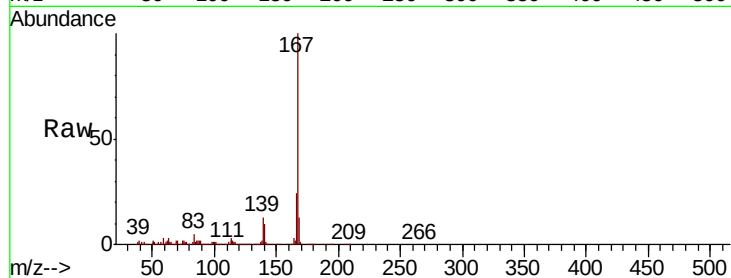
#73
 Carbazole
 Concen: 36.228 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-XMSD

Tot Ion:	167	Resp:	424287
Ion Ratio	Lower	Upper	
167	100		
166	24.0	18.7	28.1
139	13.0	10.0	15.0

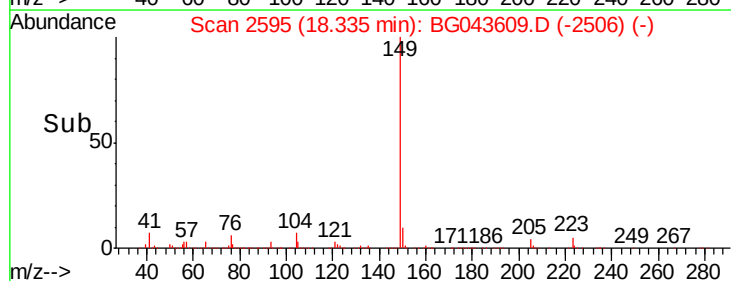
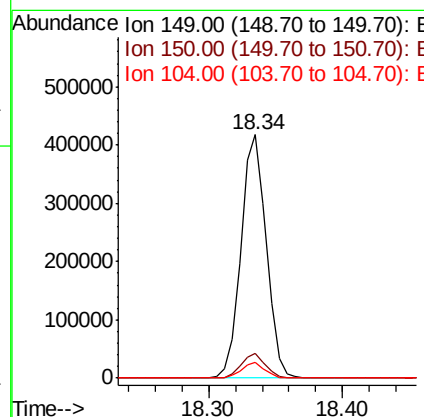
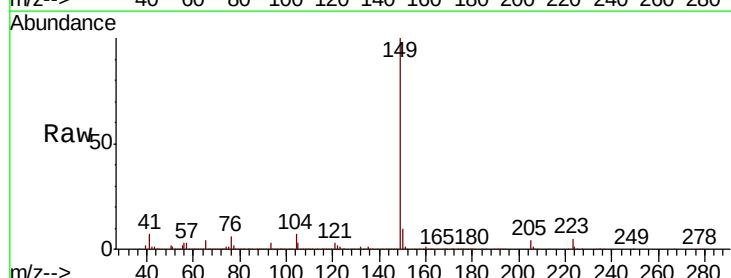
Manual Integrations
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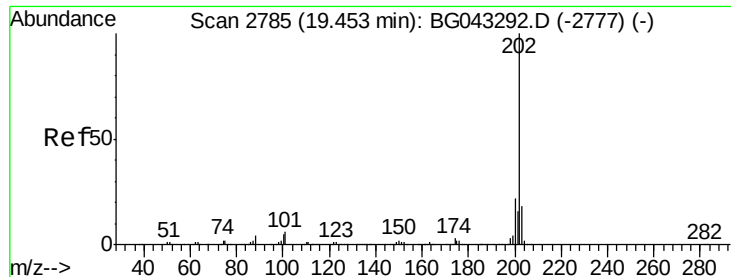
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#74
 Di-n-butylphthalate
 Concen: 38.383 ng
 RT: 18.34 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion:	149	Resp:	545442
Ion Ratio	Lower	Upper	
149	100		
150	10.0	8.0	12.0
104	6.6	4.4	6.6#





#75

Fluoranthene

Concen: 35.354 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

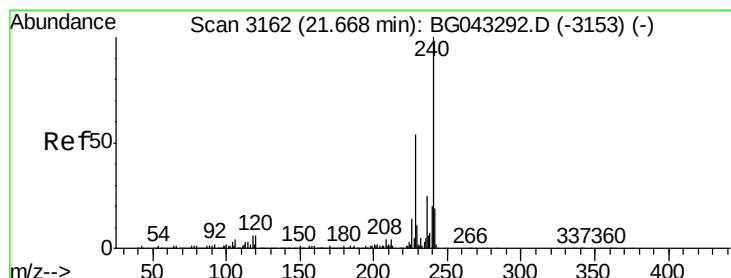
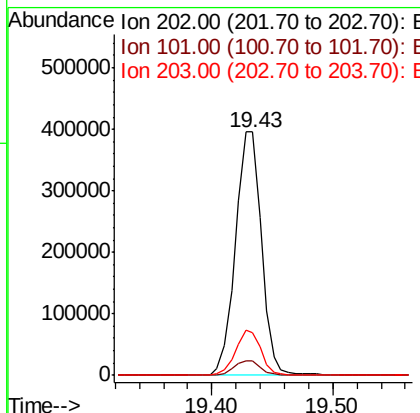
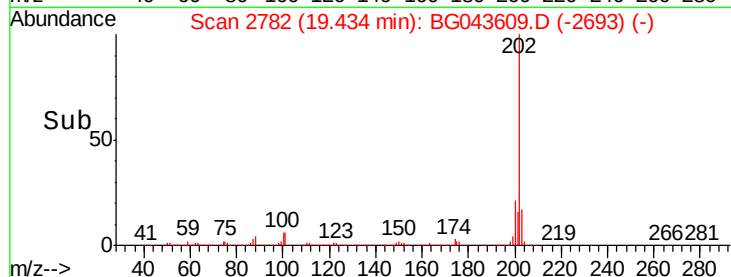
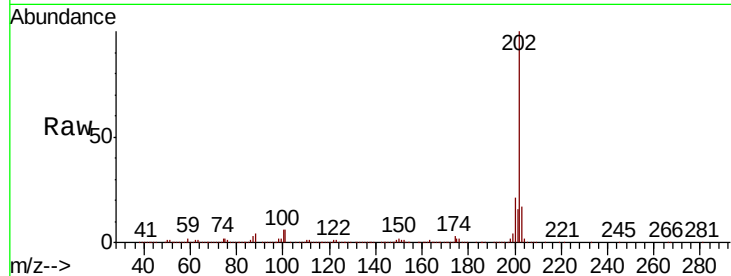
ClientSampleId :

HP-640-XMSD

Tot Ion:	202	Resp:	595772
Ion Ratio	Lower	Upper	
202	100		
101	6.2	0.0	26.3
203	17.4	0.0	37.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

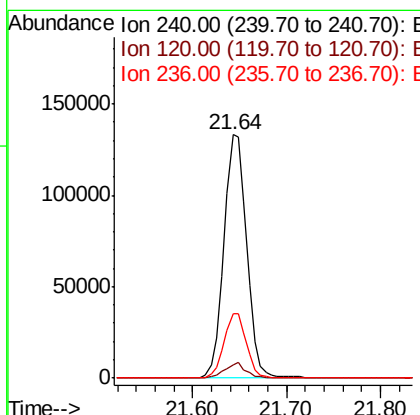
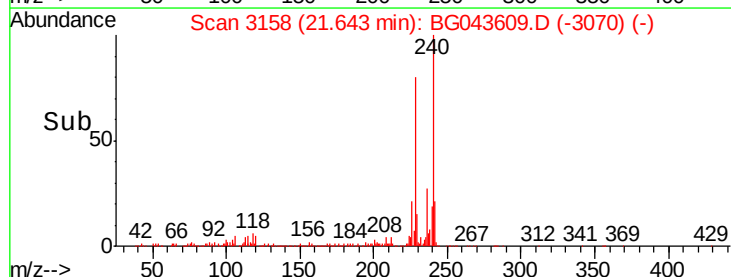
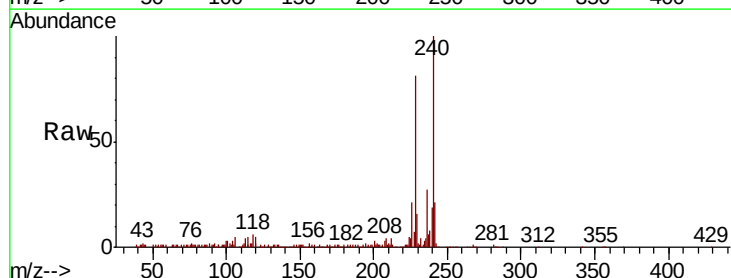
RT: 21.64 min Scan# 3158

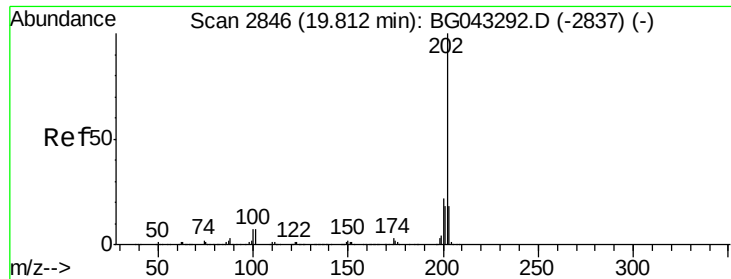
Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion:	240	Resp:	225252
Ion Ratio	Lower	Upper	
240	100		
120	5.3	4.6	6.8
236	26.6	19.8	29.8





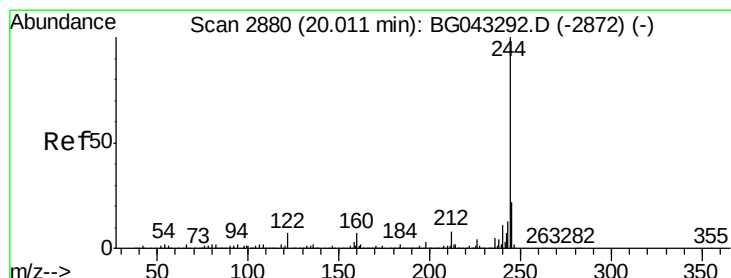
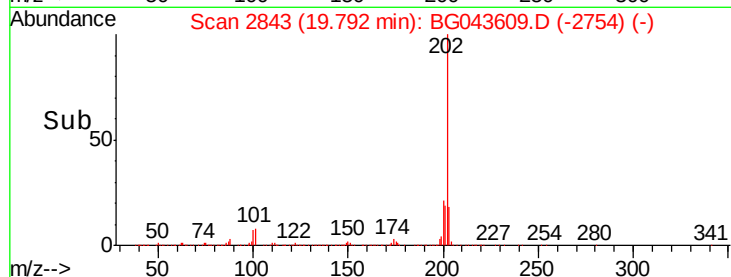
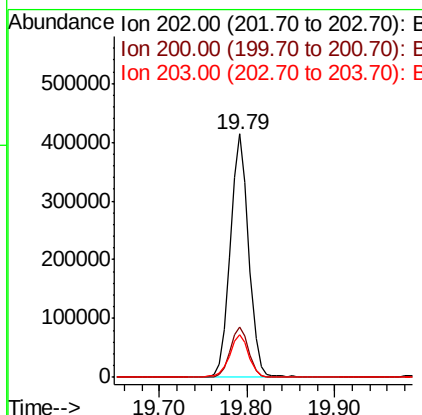
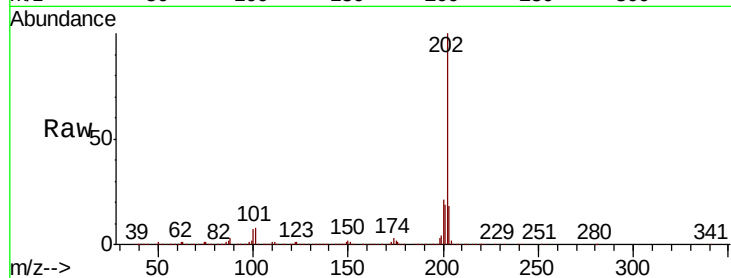
#78
Pvrene
Concen: 42.704 ng
RT: 19.79 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.7	17.0	25.4
203	17.7	14.7	22.1

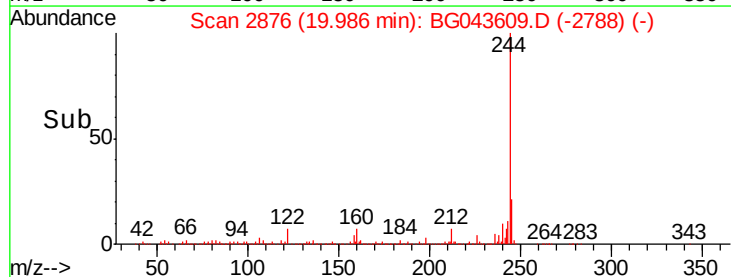
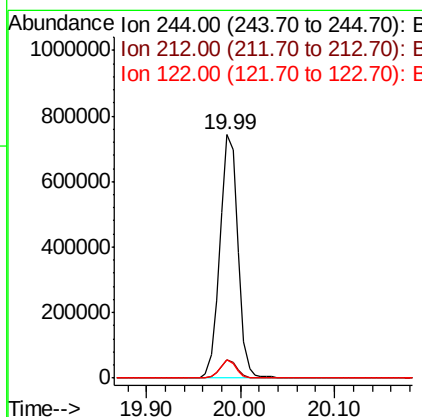
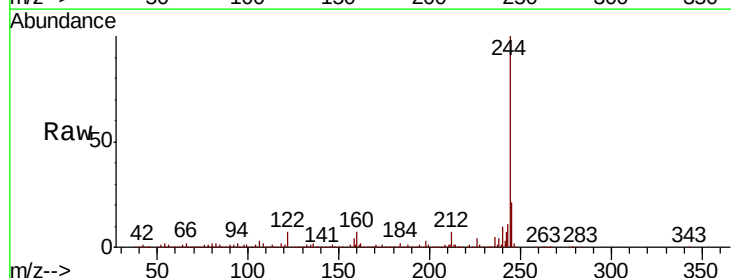
Manual Integrations
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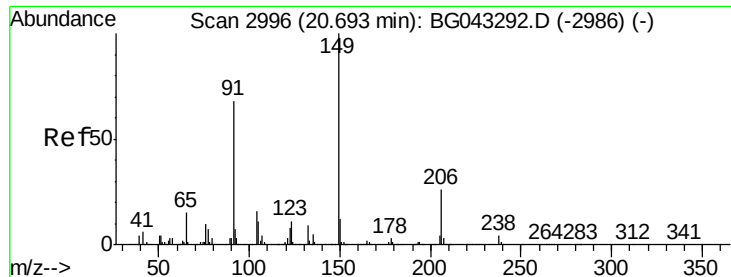
mohammad
11/12/2019 5:04:23 PM



#79
Terphenyl-d14
Concen: 83.234 ng
RT: 19.99 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.8	8.6
122	7.4	5.4	8.2





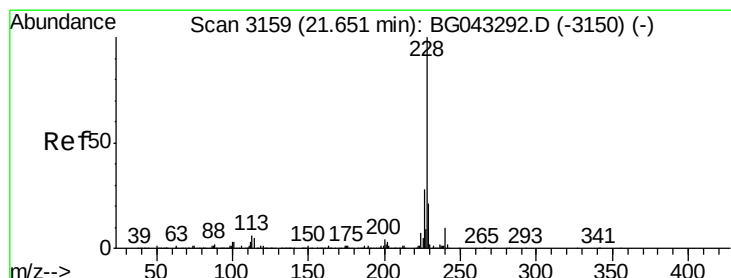
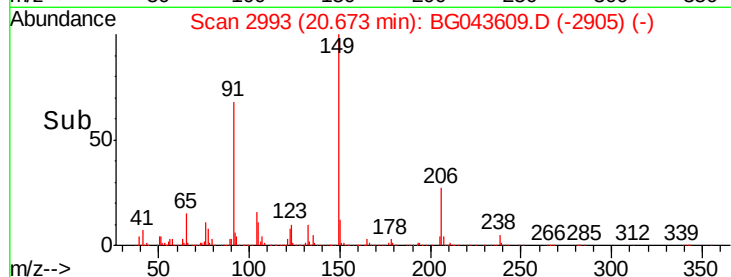
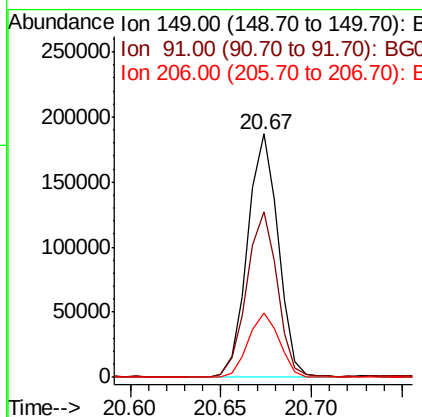
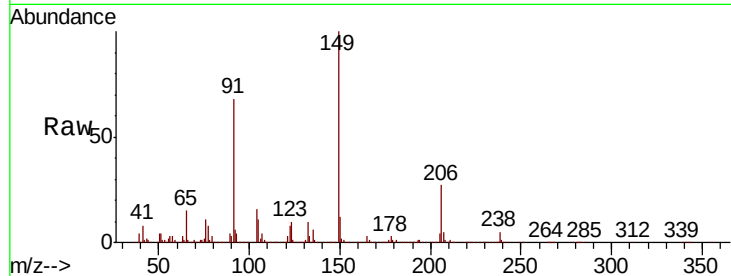
#80
Butylbenzylphthalate
Concen: 41.735 ng
RT: 20.67 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.2	51.2	76.8
206	26.7	22.5	33.7

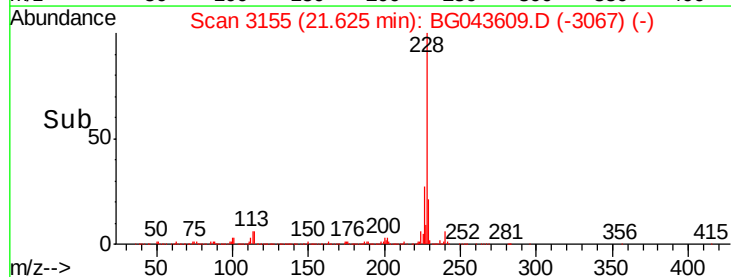
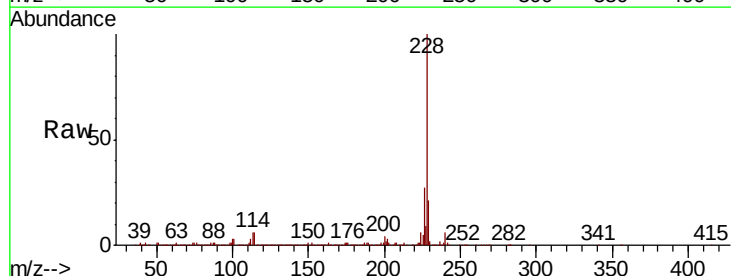
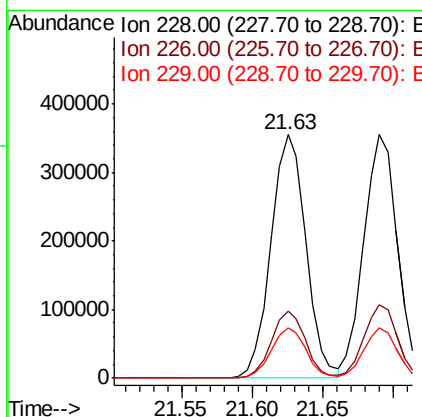
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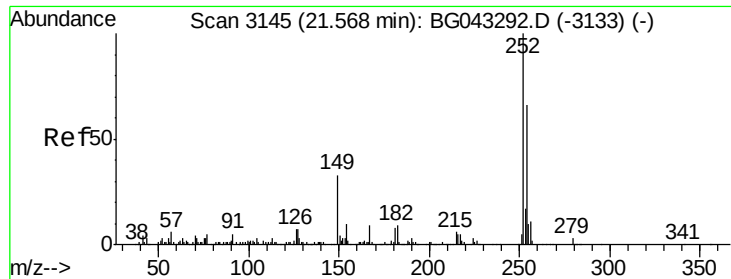
mohammad
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#81
Benzo(a)anthracene
Concen: 43.668 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.2
229	20.5	17.0	25.4





#82

3,3'-Dichlorobenzidine

Concen: 0.784 ng/mL

RT: 21.57 min Scan# 3146

Delta R.T. 0.02 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

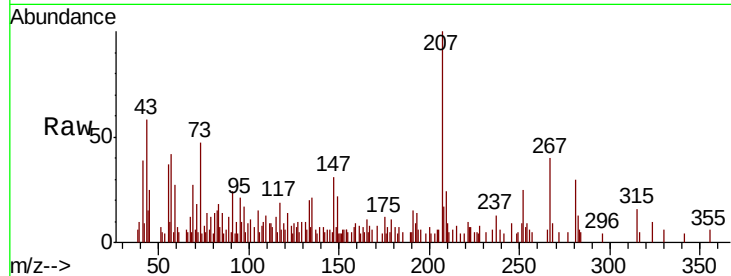
ClientSampled :

HP-640-XMSD

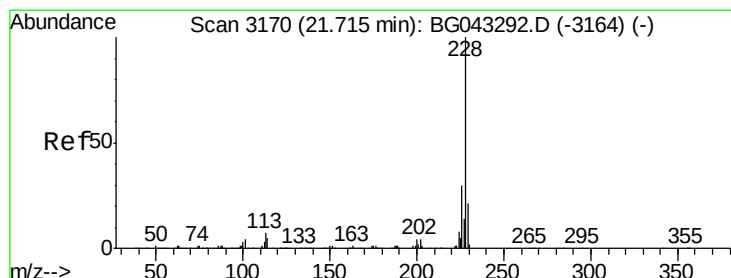
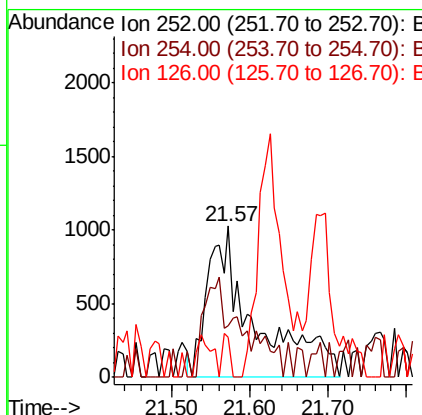
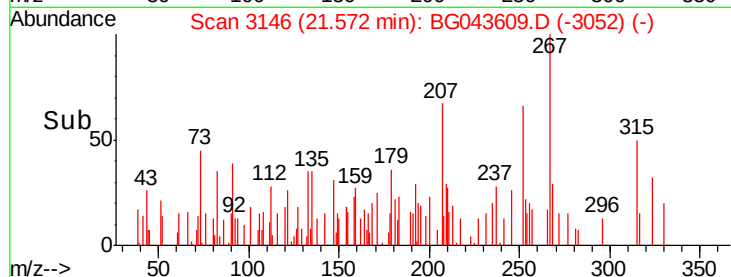
Tot Ion:	252	Resp:	4277
Ion Ratio	Lower	Upper	
252	100		
254	34.1	50.8	76.2#
126	26.7	6.1	9.1#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 42.377 ng

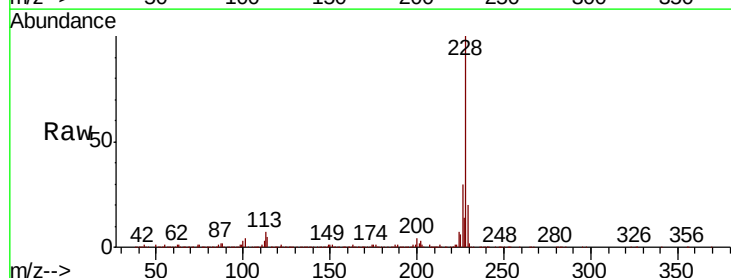
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

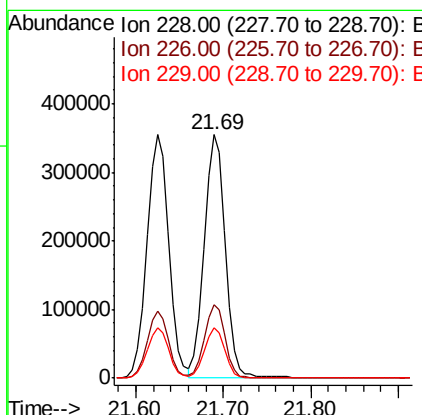
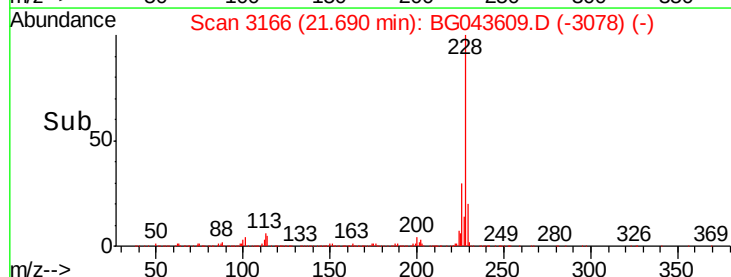
Lab File: BG043609.D

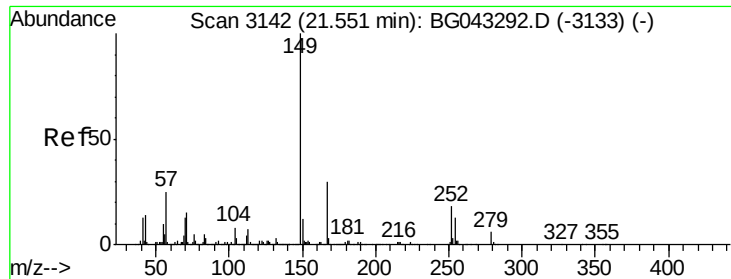
Acq: 12 Nov 2019 8:41

Tgt Ion:	228	Resp:	594084
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.1	37.7
229	20.4	17.0	25.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 44.170 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

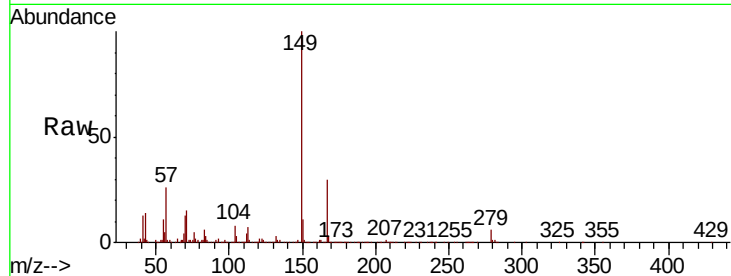
ClientSampleId :

HP-640-XMSD

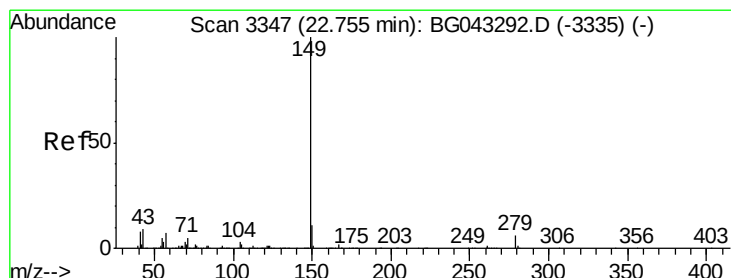
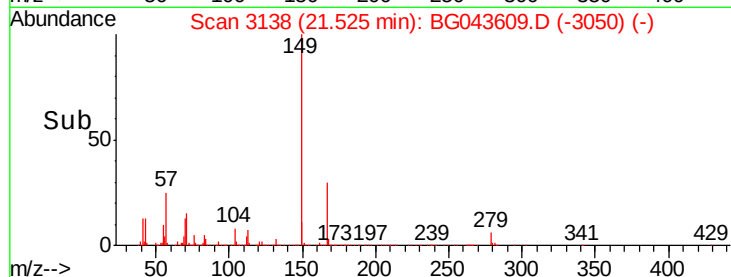
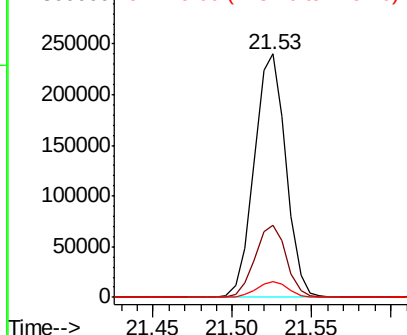
Tot Ion:	149	Resp:	331441
Ion Ratio	Lower	Upper	
149	100		
167	29.5	24.0	36.0
279	6.4	5.4	8.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 44.778 ng

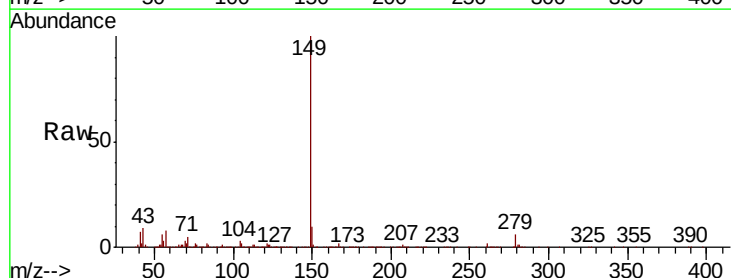
RT: 22.72 min Scan# 3341

Delta R.T. -0.02 min

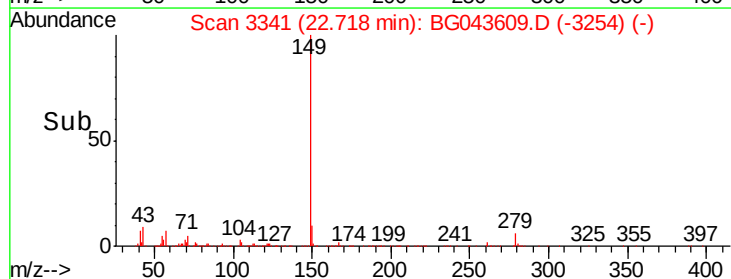
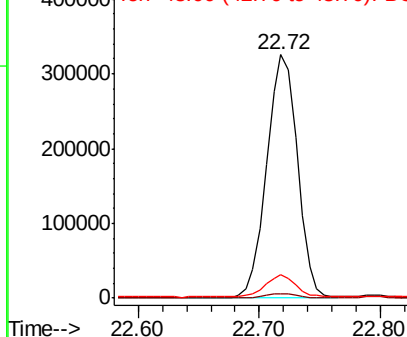
Lab File: BG043609.D

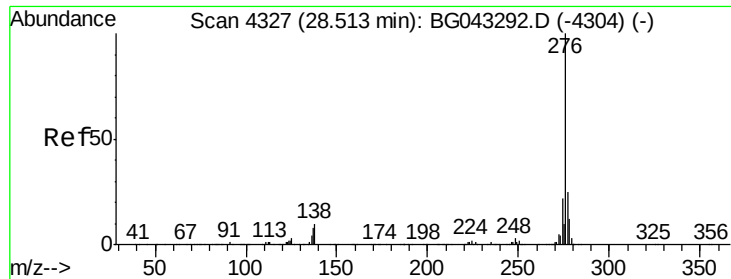
Acq: 12 Nov 2019 8:41

Tgt Ion:	149	Resp:	570043
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.2
43	9.6	7.0	10.6



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





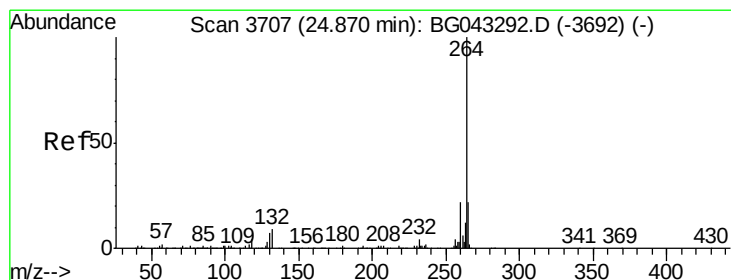
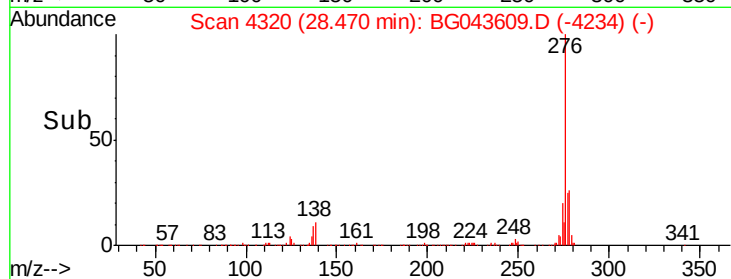
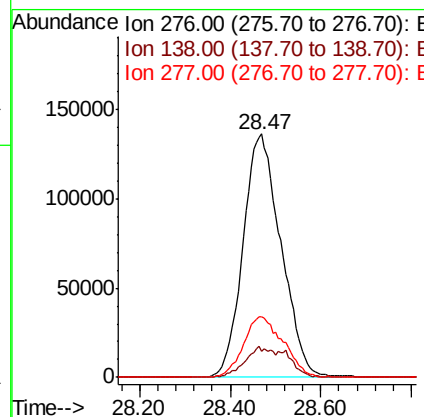
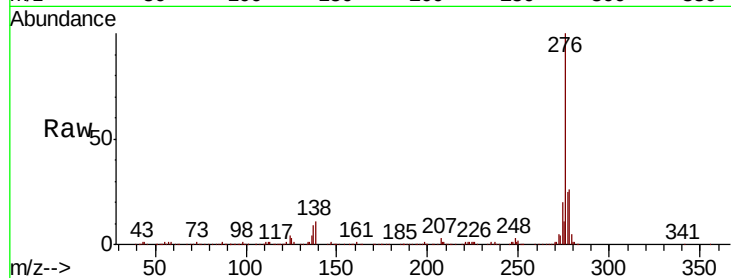
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 44.961 ng
 RT: 28.47 min Scan# 4320
 Delta R.T. -0.03 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.2	6.8	10.2
277	26.2	20.9	31.3

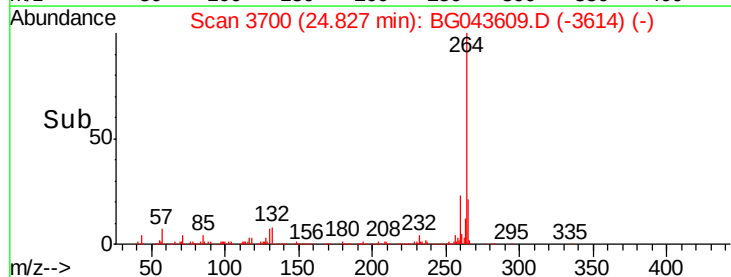
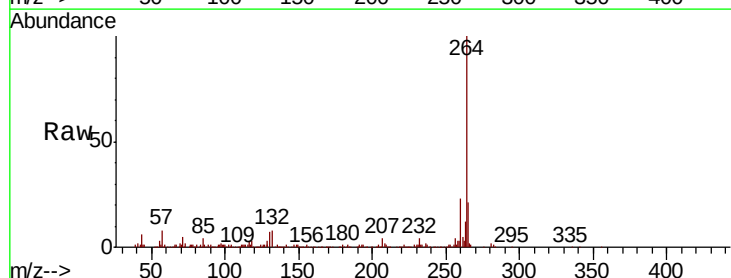
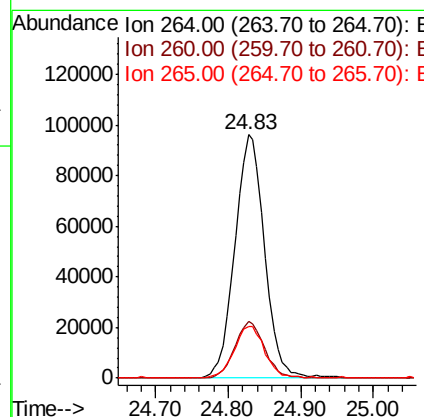
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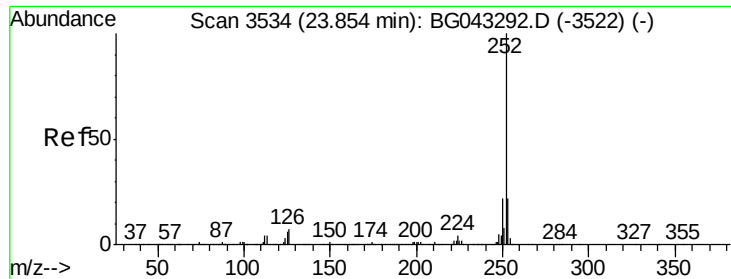
mohammad
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3700
 Delta R.T. -0.03 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.5	26.3
265	21.5	17.4	26.0





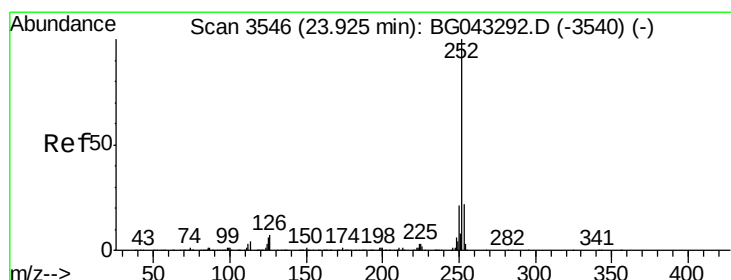
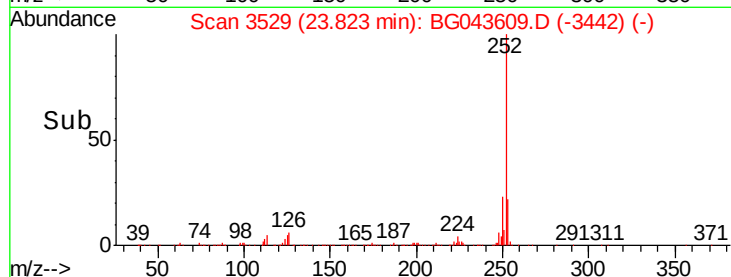
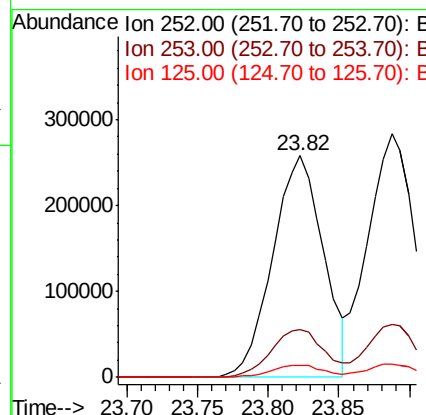
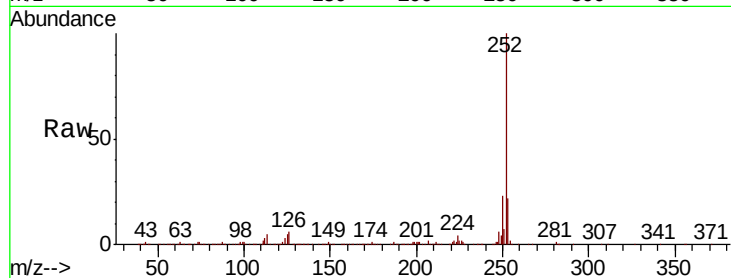
#88
Benzo(b)fluoranthene
Concen: 41.779 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.02 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	5.4	4.5	6.7

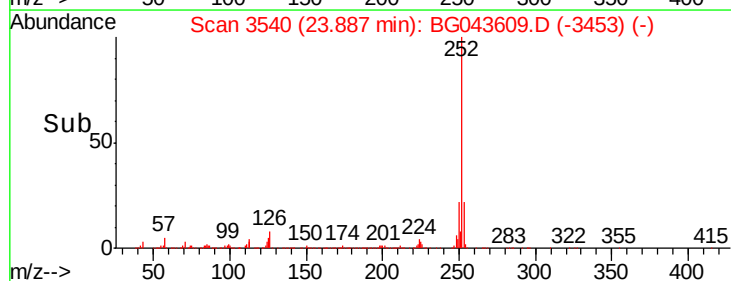
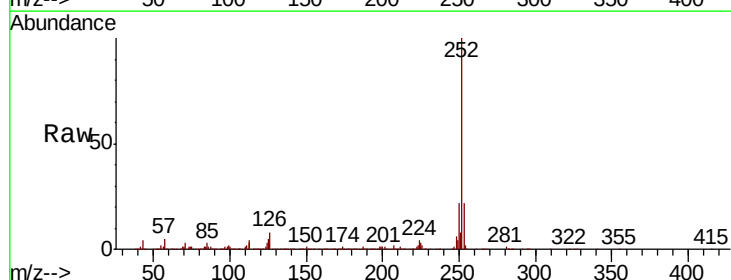
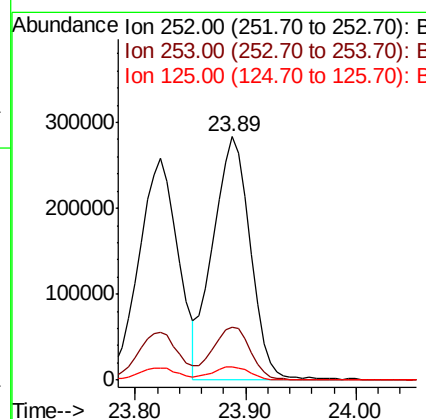
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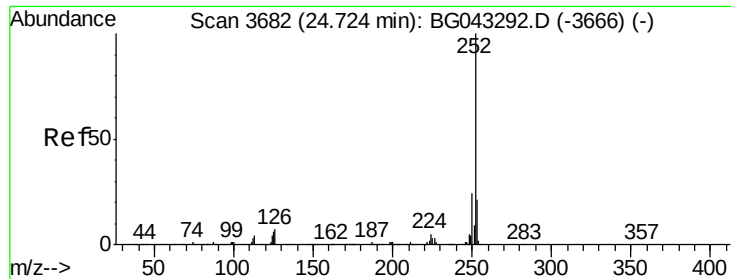
mohammad
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#89
Benzo(k)fluoranthene
Concen: 42.405 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	5.2	4.6	6.8





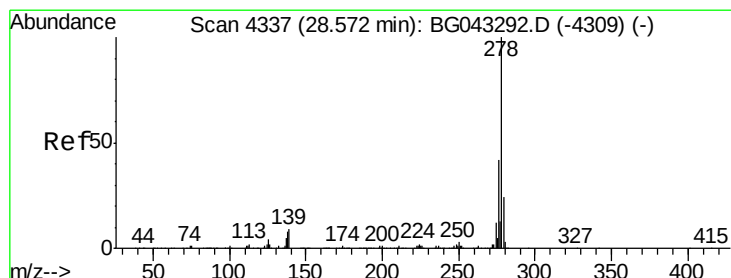
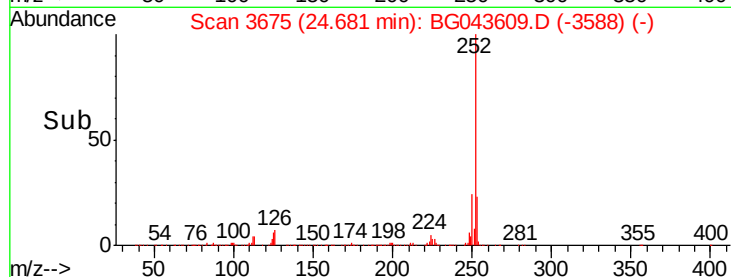
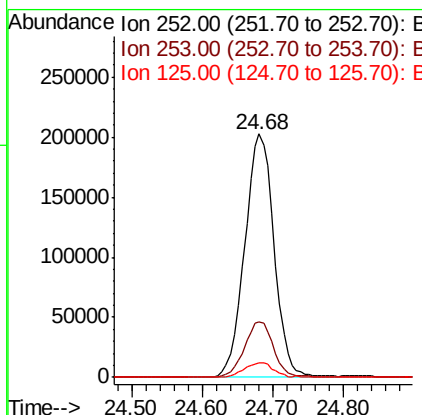
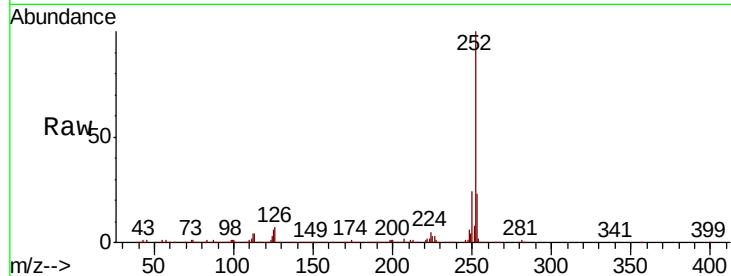
#90
Benzo(a)pyrene
Concen: 39.729 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :
HP-640-XMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	6.0	5.4	8.2

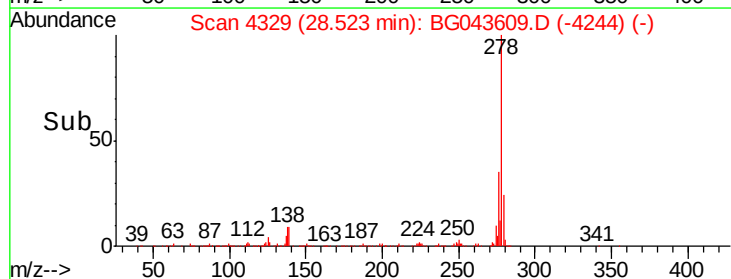
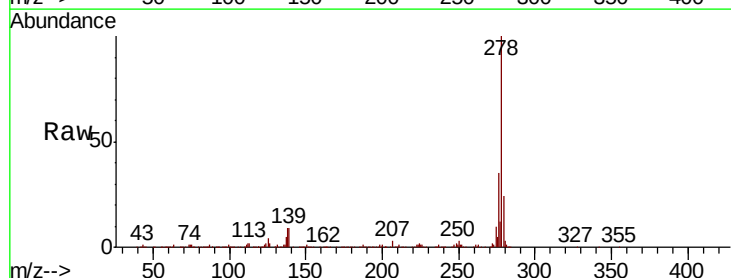
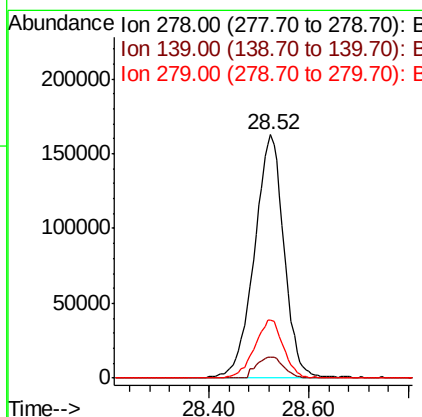
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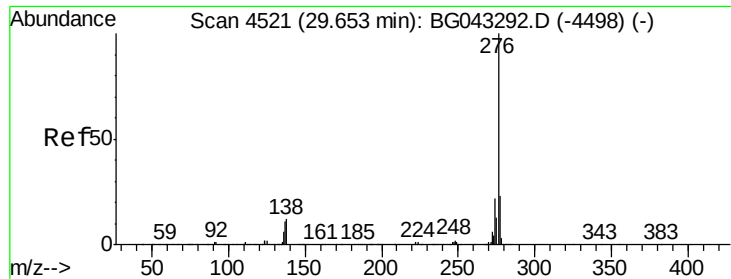
mohammad
11/12/2019 5:04:23 PM



#91
Dibenzo(a,h)anthracene
Concen: 44.343 ng
RT: 28.52 min Scan# 4329
Delta R.T. -0.03 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.7	7.4	11.0
279	24.0	19.1	28.7





#92

Benzo(a,h,i)perylene

Concen: 44.518 ng

RT: 29.61 min Scan# 4514

Delta R.T. -0.02 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

HP-640-XMSD

Tot Ion:	276	Resp:	663350
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.9	28.3
138	12.2	8.9	13.3

Manual Integrations
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