

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043410.D
 Acq On : 30 Oct 2019 21:12
 Operator : JU
 Sample : K5501-13MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 184-40-(0-2)MSD

Manual Integrations
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 10/31/2019 2:52:03 PM

Quant Time: Oct 31 05:56:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	47258	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	179938	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	127355	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	290273	20.00	ng	0.00
76) Chrysene-d12	21.66	240	320053	20.00	ng	0.00
87) Perylene-d12	24.86	264	374640	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	220180	85.38	ng	0.00
7) Phenol-d6	7.21	99	312661	84.26	ng	0.00
23) Nitrobenzene-d5	9.18	82	184567	52.88	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	185587	76.58	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	508231	55.14	ng	0.00
79) Terphenyl-d14	20.00	244	928197	54.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	35938	35.759	ng	95
3) Pyridine	3.89	79	85477	33.717	ng	97
4) n-Nitrosodimethylamine	3.80	42	54941	42.948	ng	# 94
6) Aniline	7.35	93	113769	26.617	ng	96
8) 2-Chlorophenol	7.59	128	129575	45.515	ng	99
9) Benzaldehyde	7.16	77	68089	37.340	ng	92
10) Phenol	7.24	94	168127	49.586	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	104853	39.998	ng	95
12) 1,3-Dichlorobenzene	7.91	146	140869	39.494	ng	95
13) 1,4-Dichlorobenzene	8.06	146	144601	40.069	ng	99
14) 1,2-Dichlorobenzene	8.38	146	137100	38.909	ng	99
15) Benzyl Alcohol	8.26	79	115006	44.133	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	142246	37.317	ng	97
17) 2-Methylphenol	8.48	107	112819	45.643	ng	95
18) Hexachloroethane	9.10	117	52128	40.036	ng	99
19) n-Nitroso-di-n-propylamine	8.82	70	92895	38.744	ng	98
20) 3+4-Methylphenols	8.81	107	147066	43.390	ng	92
22) Acetophenone	8.85	105	185754	40.311	ng	# 96
24) Nitrobenzene	9.23	77	143601	43.190	ng	97
25) Isophorone	9.75	82	265715	41.641	ng	97
26) 2-Nitrophenol	9.94	139	76808	47.850	ng	95
27) 2,4-Dimethylphenol	10.01	122	115429	50.172	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	148090	42.049	ng	98
29) 2,4-Dichlorophenol	10.49	162	138098	46.848	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	155741	41.919	ng	99
31) Naphthalene	10.88	128	401778	43.989	ng	97
32) Benzoic acid	10.19	122	66614	39.820	ng	99
33) 4-Chloroaniline	11.00	127	51675m	13.802	ng	
34) Hexachlorobutadiene	11.17	225	109173	39.751	ng	91
35) Caprolactam	11.77	113	43258m	42.609	ng	
36) 4-Chloro-3-methylphenol	12.12	107	145625	45.290	ng	95
37) 2-Methylnaphthalene	12.48	142	303100	43.250	ng	96
38) 1-Methylnaphthalene	12.70	142	291566	43.726	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	197280	41.857	ng	99

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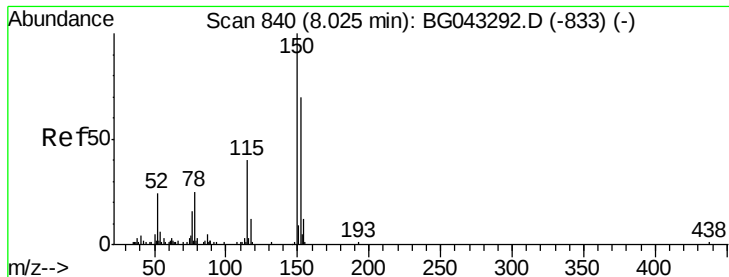
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	229873	92.845	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	128102	46.152	nq	95
44) 2,4,5-Trichlorophenol	13.18	196	136463	48.630	nq	97
46) 1,1'-Biphenyl	13.48	154	411006	42.422	nq	98
47) 2-Chloronaphthalene	13.53	162	321818	43.656	nq	98
48) 2-Nitroaniline	13.73	65	93092	42.252	nq	95
49) Acenaphthylene	14.37	152	511519	44.585	nq	99
50) Dimethylphthalate	14.10	163	487046	49.373	nq	99
51) 2,6-Dinitrotoluene	14.22	165	92090	42.972	nq	98
52) Acenaphthene	14.72	154	308832	44.140	nq	97
53) 3-Nitroaniline	14.56	138	50231	24.277	nq	94
54) 2,4-Dinitrophenol	14.77	184	110178	82.119	nq	98
55) Dibenzofuran	15.05	168	499966	44.065	nq	99
56) 4-Nitrophenol	14.89	139	142975	103.116	nq	96
57) 2,4-Dinitrotoluene	15.01	165	134083	43.780	nq	98
58) Fluorene	15.70	166	412262	43.322	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	137240	46.032	nq	# 99
60) Diethylphthalate	15.46	149	412506	41.618	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	238981	43.048	nq	96
62) 4-Nitroaniline	15.73	138	87086	40.755	nq	96
63) Azobenzene	15.98	77	350206	43.657	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	83376	48.807	nq	99
66) n-Nitrosodiphenylamine	15.90	169	371866	45.376	nq	97
67) 4-Bromophenyl-phenylether	16.58	248	168392	43.106	nq	99
68) Hexachlorobenzene	16.70	284	187075	41.720	nq	99
69) Atrazine	16.85	200	153961	54.066	nq	93
70) Pentachlorophenol	17.05	266	205534	100.593	nq	97
71) Phenanthrene	17.44	178	657118	44.208	nq	99
72) Anthracene	17.53	178	667771	44.902	nq	99
73) Carbazole	17.80	167	598617	44.449	nq	99
74) Di-n-butylphthalate	18.35	149	711433	43.537	nq	99
75) Fluoranthene	19.45	202	856656	44.207	nq	99
77) Benzidine	19.63	184	225988	35.085	nq	98
78) Pyrene	19.80	202	875691	44.203	nq	99
80) Butylbenzylphthalate	20.69	149	330032	43.972	nq	98
81) Benzo(a)anthracene	21.64	228	901581	44.971	nq	100
82) 3,3'-Dichlorobenzidine	21.56	252	239670	30.909	nq	95
83) Chrysene	21.71	228	880300	44.194	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	485683	45.554	nq	99
85) Di-n-octyl phthalate	22.74	149	838308	46.345	nq	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	1166871	46.668	nq	# 96
88) Benzo(b)fluoranthene	23.85	252	964317	45.447	nq	99
89) Benzo(k)fluoranthene	23.91	252	974674	45.629	nq	99
90) Benzo(a)pyrene	24.71	252	899076	44.372	nq	98
91) Dibenzo(a,h)anthracene	28.56	278	983227	47.441	nq	99
92) Benzo(g,h,i)perylene	29.64	276	983315	48.100	nq	98

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



#1

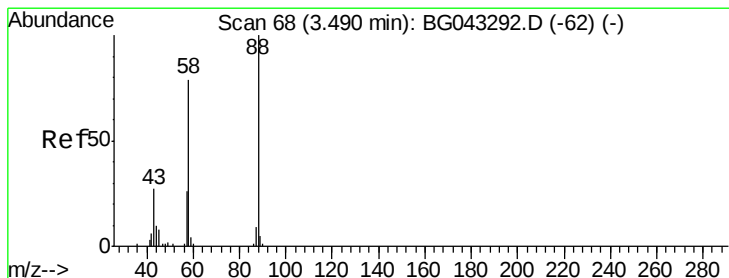
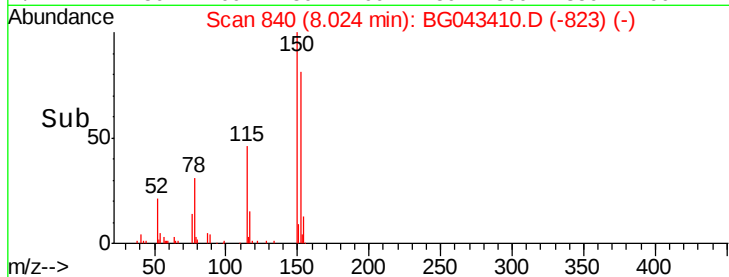
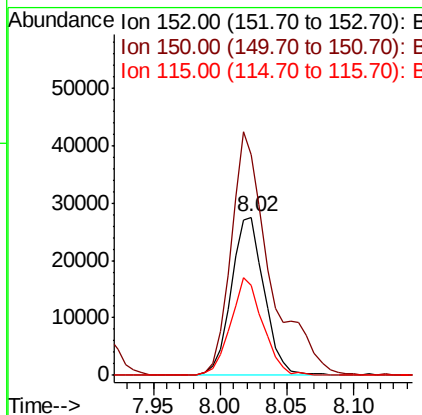
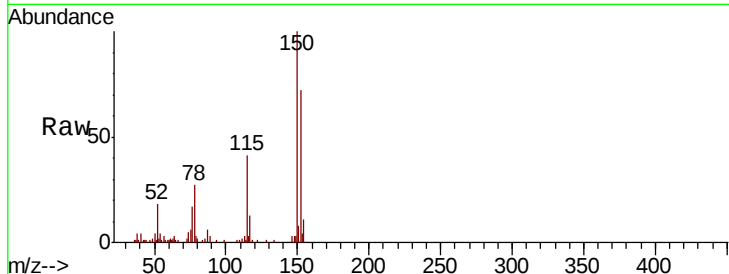
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.3	113.6	170.4
115	56.6	45.9	68.9

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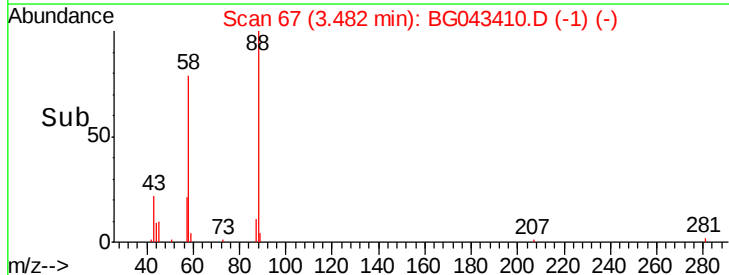
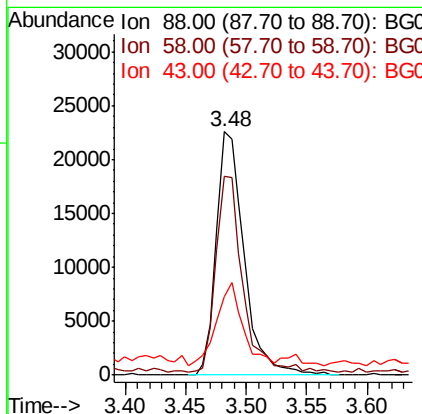
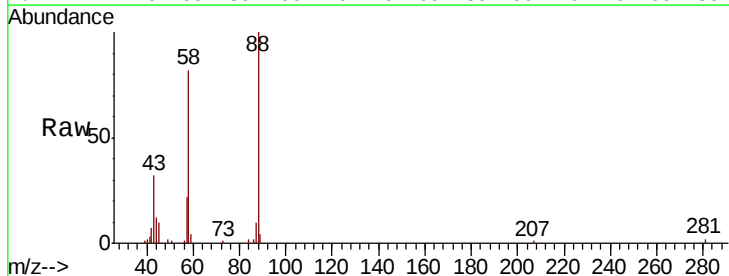
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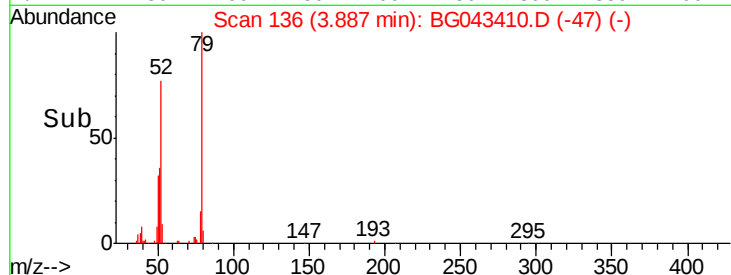
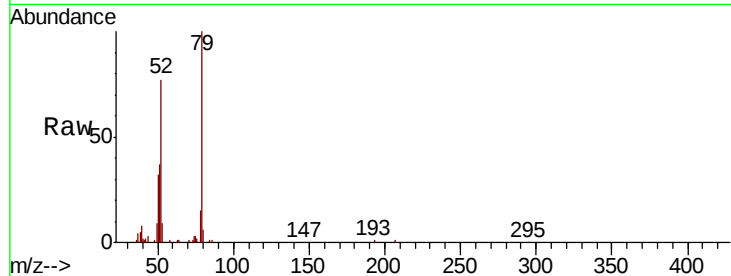


#2

1,4-Dioxane
Concen: 35.759 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.0	60.2	90.2
43	32.8	22.7	34.1





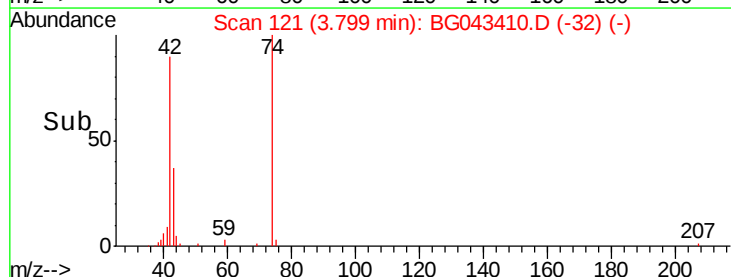
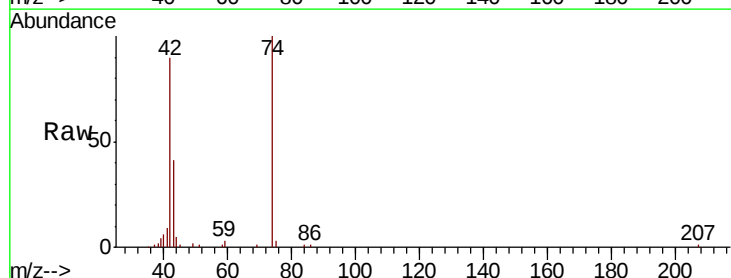
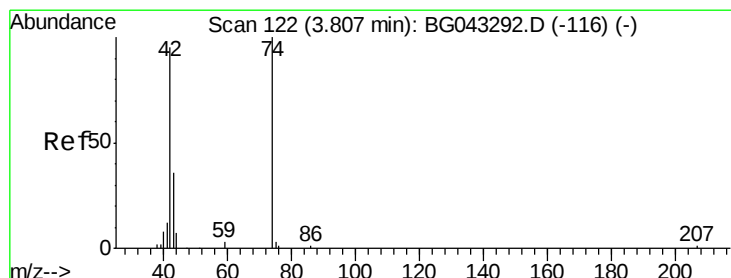
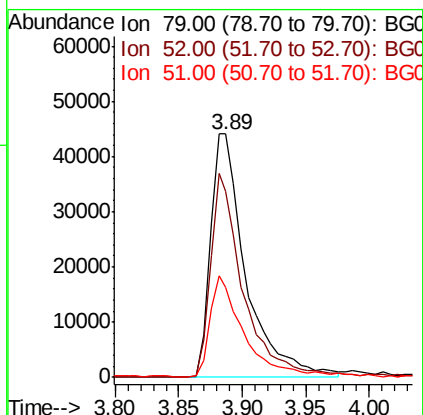
#3
Pvridine
Concen: 33.717 ng
RT: 3.89 min Scan# 136
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tot Ion:	79	Resp:	85477
Ion Ratio	Lower	Upper	
79	100		
52	76.5	59.7	89.5
51	36.7	31.8	47.6

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

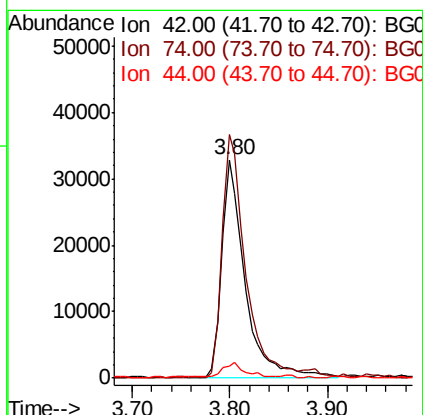
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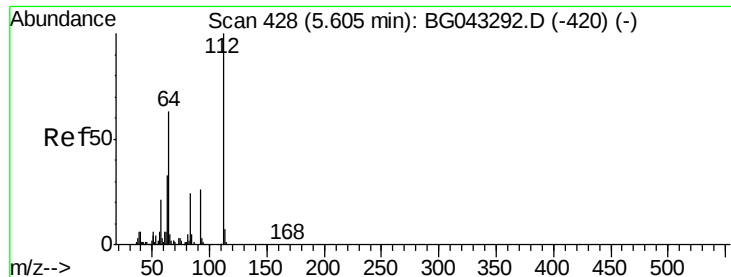
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#4
n-Nitrosodimethylamine
Concen: 42.948 ng
RT: 3.80 min Scan# 121
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion:	42	Resp:	54941
Ion Ratio	Lower	Upper	
42	100		
74	111.6	84.2	126.2
44	5.5	6.0	9.0





#5

2-Fluorophenol

Concen: 85.376 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

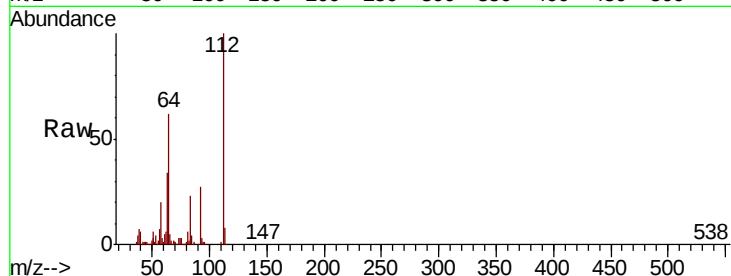
ClientSampleId :

184-40-(0-2)MSD

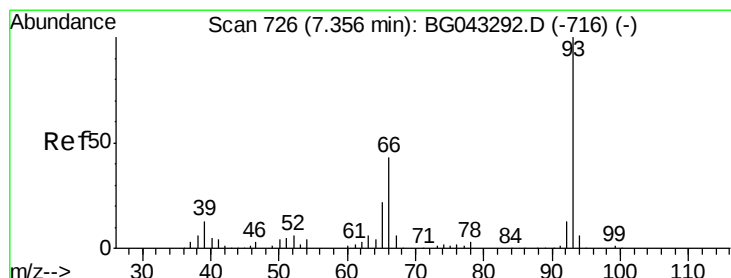
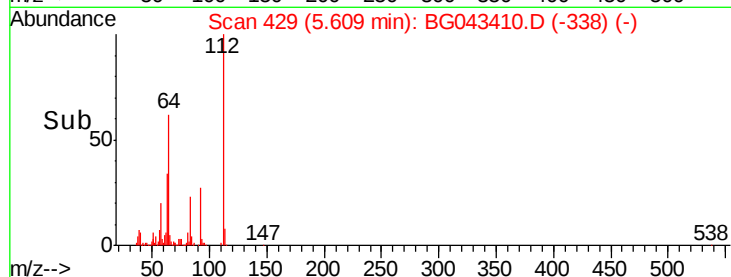
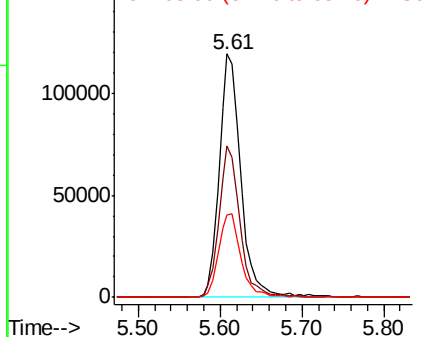
Tot Ion:	112	Resp:	220180
Ion Ratio	Lower	Upper	
112	100		
64	62.3	50.2	75.2
63	34.1	26.7	40.1

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



#6

Aniline

Concen: 26.617 ng

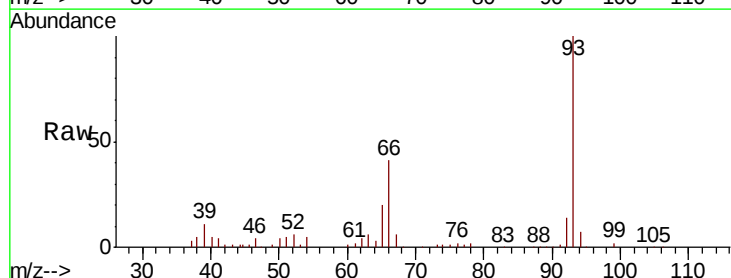
RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

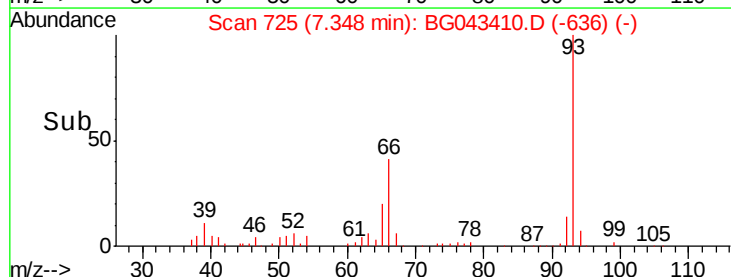
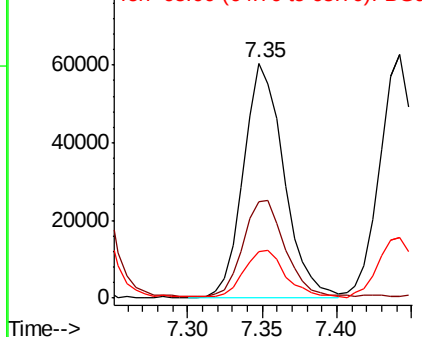
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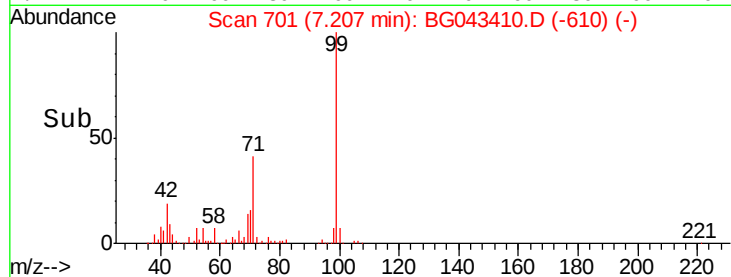
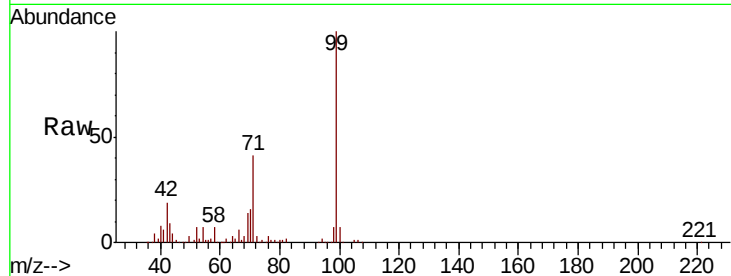
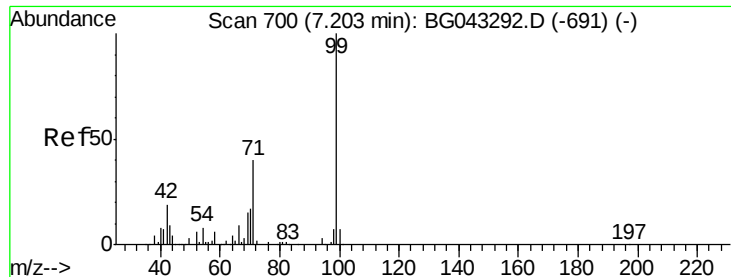
Acq: 30 Oct 2019 21:12

Tgt Ion:	93	Resp:	113769
Ion Ratio	Lower	Upper	
93	100		
66	40.9	34.5	51.7
65	19.7	18.0	27.0



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





#7

Phenol-d6

Concen: 84.264 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Tot Ion:	99	Resp:	312661
Ion Ratio	Lower	Upper	
99	100		
42	18.8	14.9	22.3
71	41.3	32.2	48.2

Instrument :

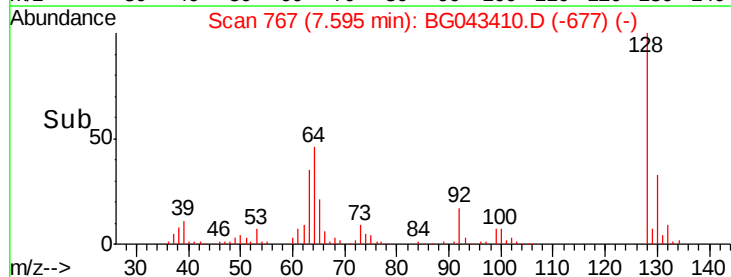
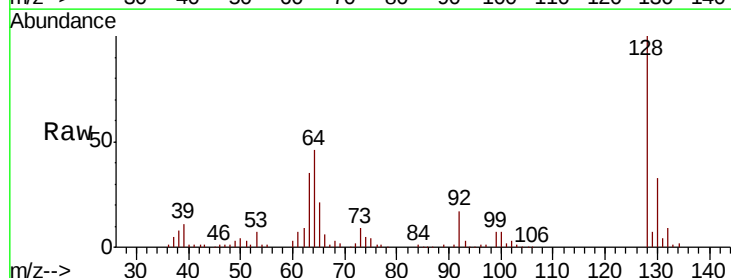
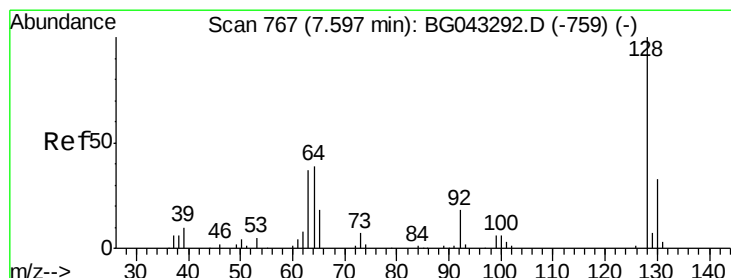
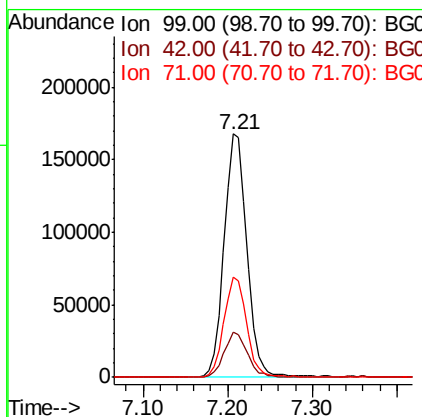
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#8

2-Chlorophenol

Concen: 45.515 ng

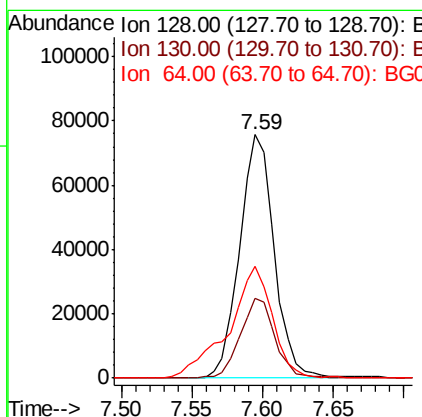
RT: 7.59 min Scan# 767

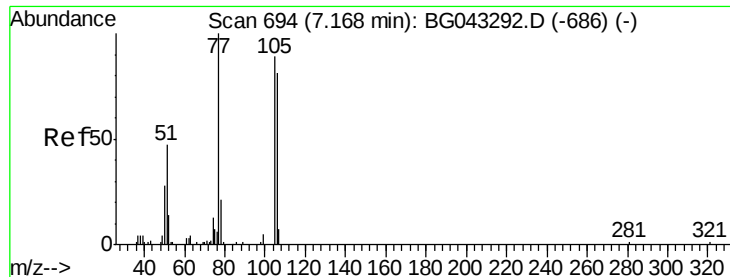
Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Tgt Ion:	128	Resp:	129575
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.9	52.9
64	45.7	24.9	64.9





#9

Benzaldehyde

Concen: 37.340 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

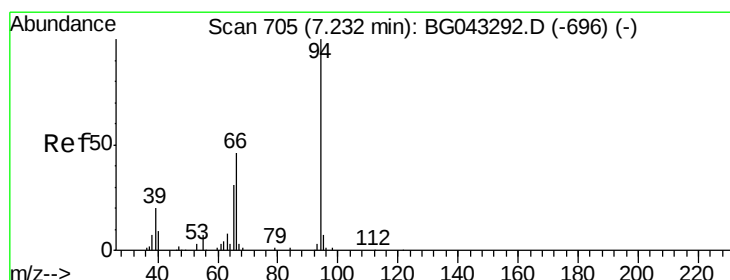
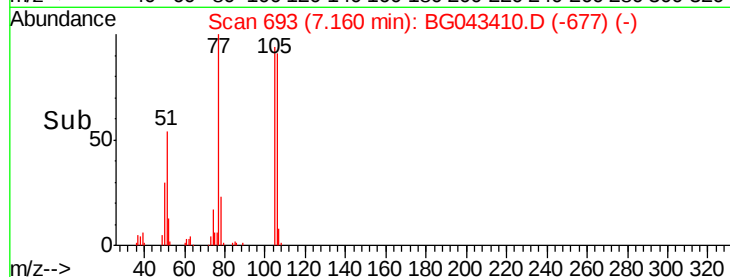
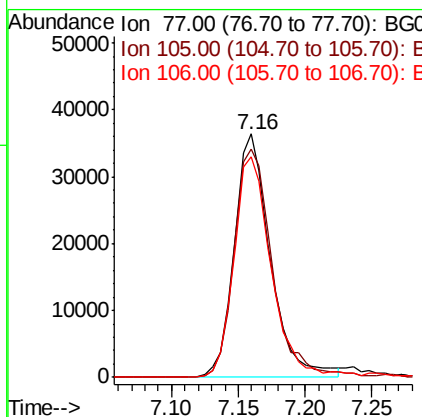
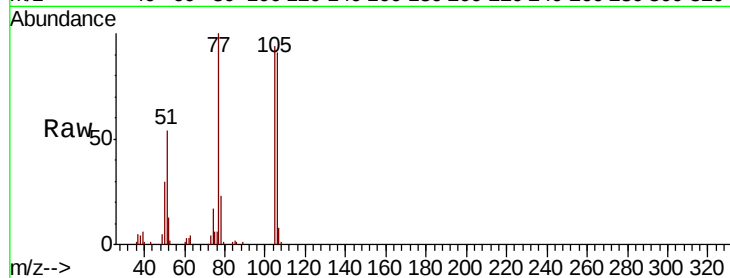
ClientSampleId :

184-40-(0-2)MSD

Tot Ion:	77	Resp:	68089
Ion	Ratio	Lower	Upper
77	100		
105	93.8	68.7	108.7
106	90.8	60.5	100.5

Manual Integrations
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#10

Phenol

Concen: 49.586 ng

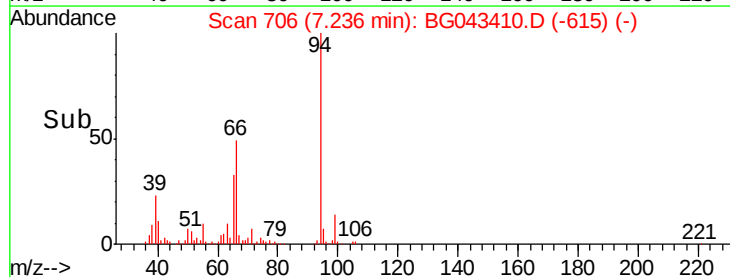
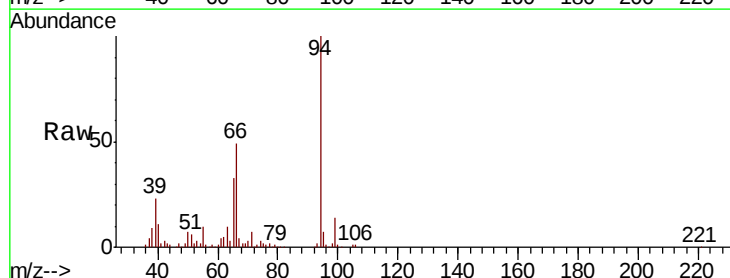
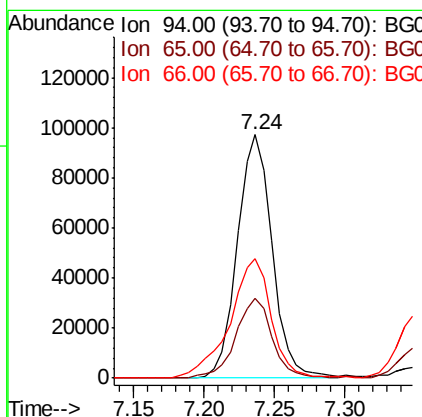
RT: 7.24 min Scan# 706

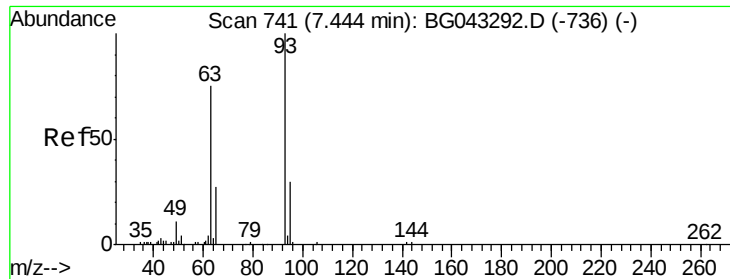
Delta R.T. 0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Tgt Ion:	94	Resp:	168127
Ion	Ratio	Lower	Upper
94	100		
65	32.5	11.1	51.1
66	49.2	27.8	67.8





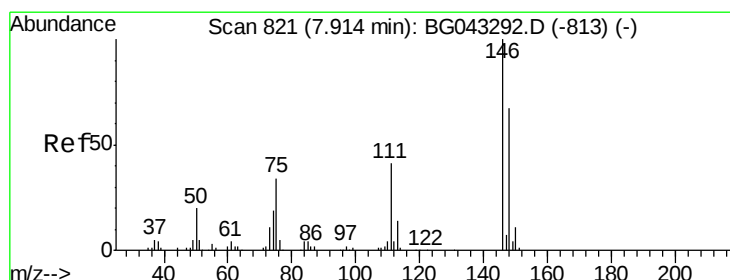
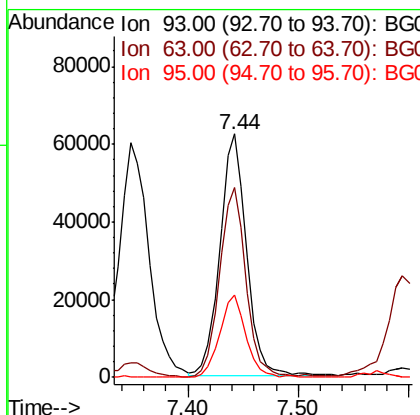
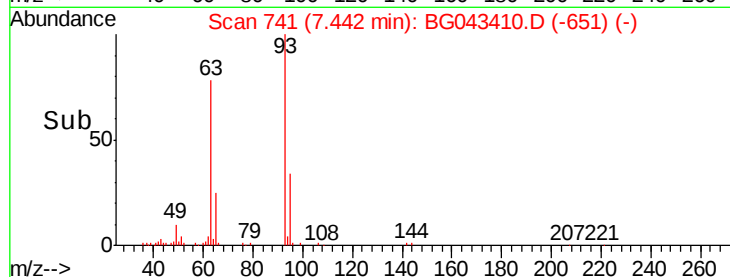
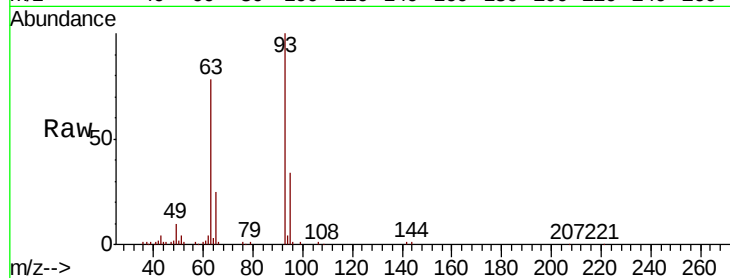
#11
bis(2-Chloroethyl)ether
Concen: 39.998 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.1	54.6	94.6
95	33.6	9.7	49.7

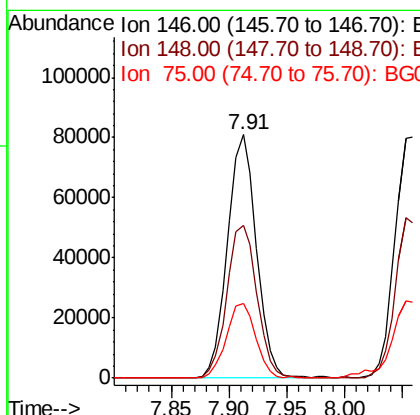
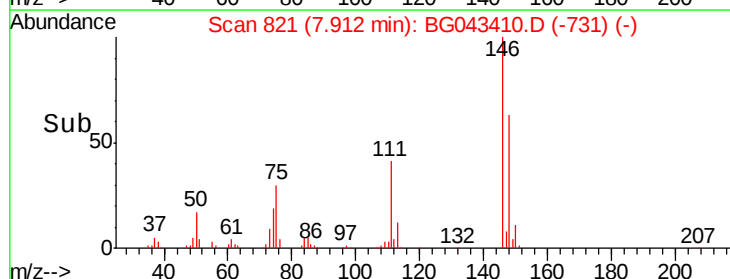
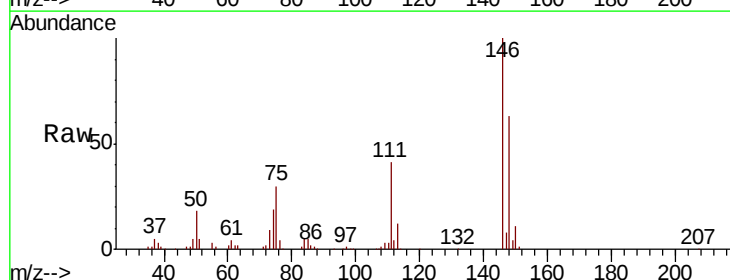
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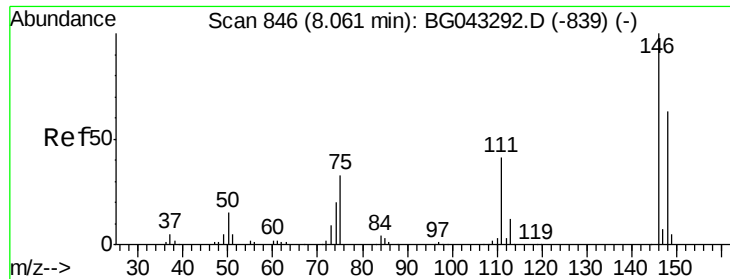
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.494 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	53.4	80.2
75	30.4	27.0	40.4





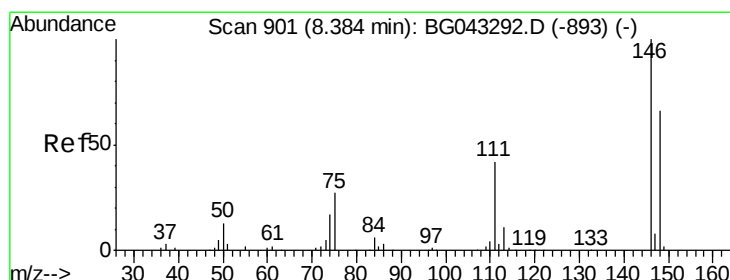
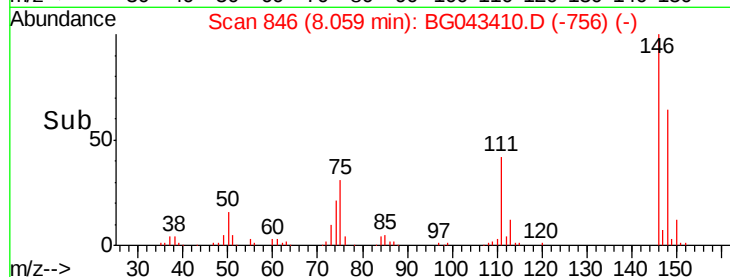
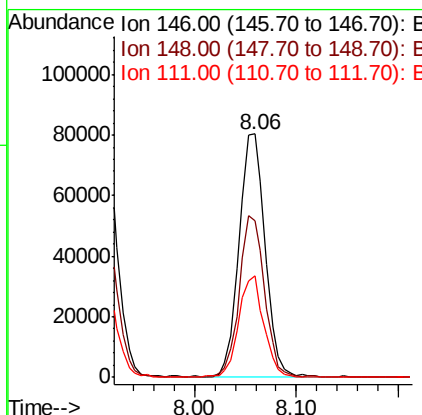
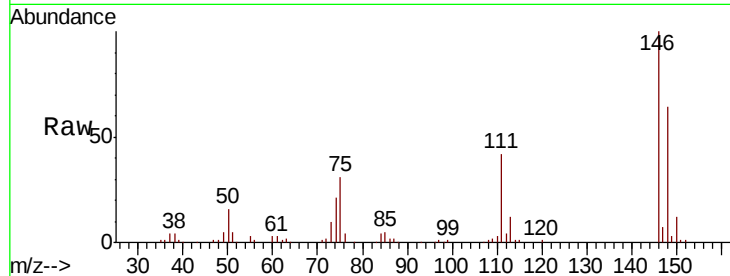
#13
 1,4-Dichlorobenzene
 Concen: 40.069 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.7	76.1
111	41.8	33.0	49.6

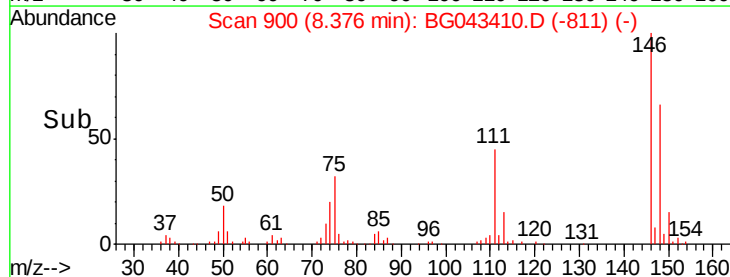
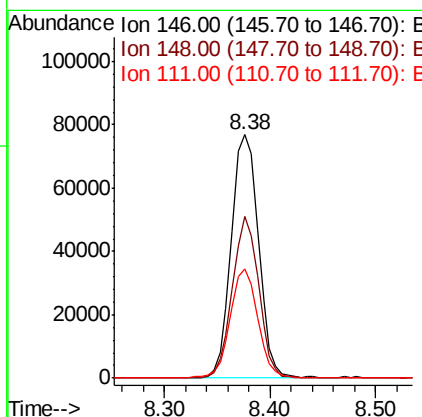
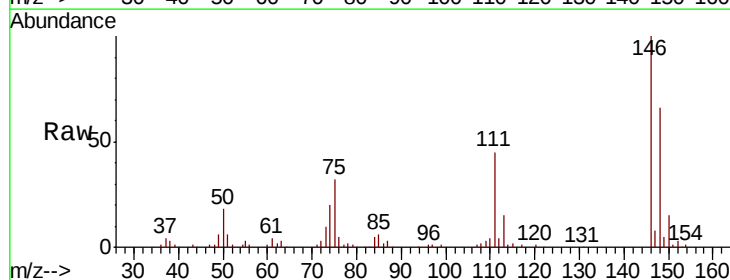
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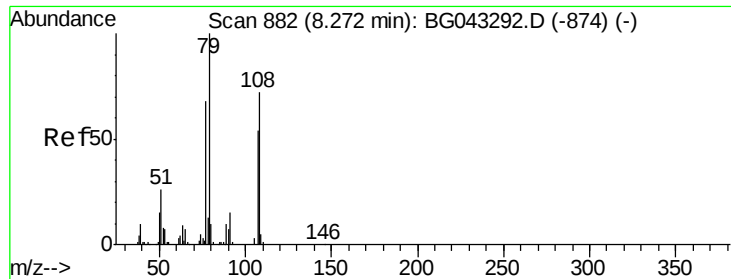
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.909 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	53.0	79.4
111	44.7	34.5	51.7





#15

Benzyl Alcohol

Concen: 44.133 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

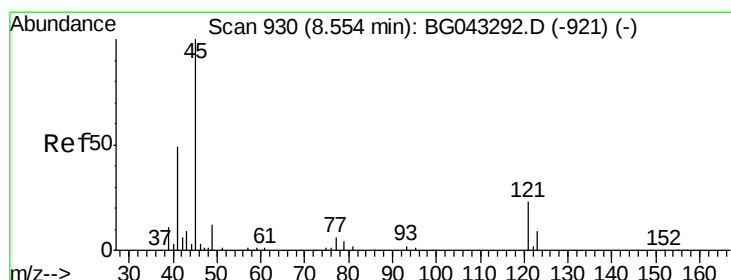
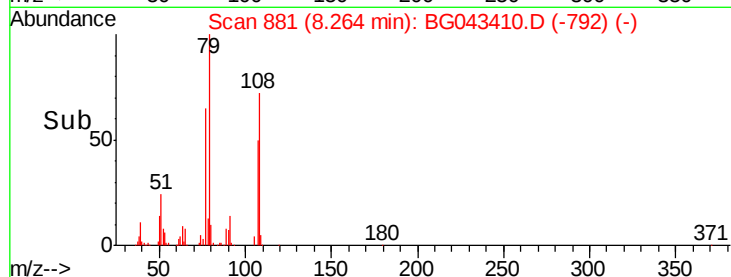
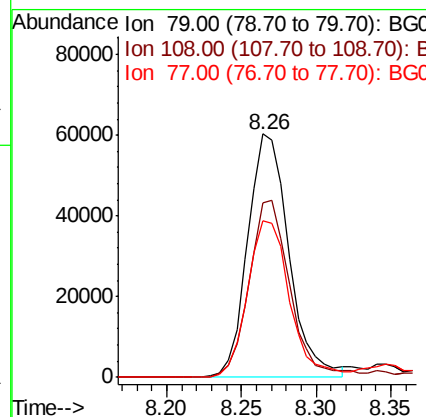
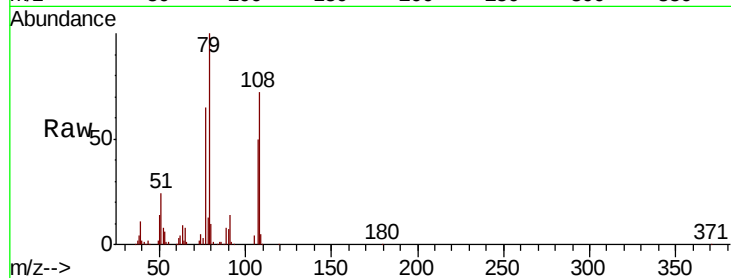
ClientSampleId :

184-40-(0-2)MSD

Tot Ion	79	Resp	115006
Ion Ratio	Lower	Upper	
79	100		
108	71.8	57.3	85.9
77	64.6	54.6	81.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.317 ng

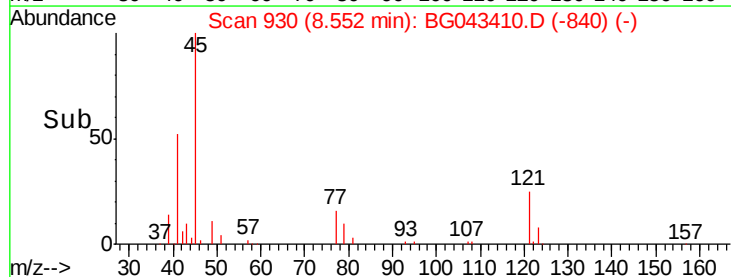
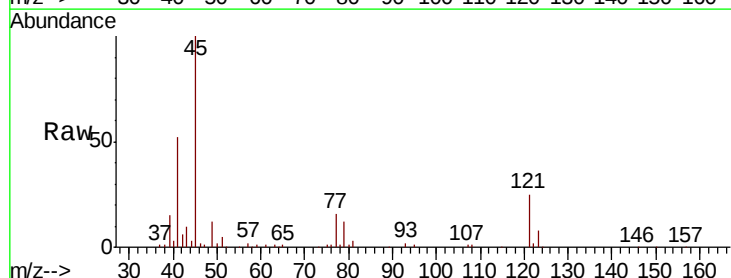
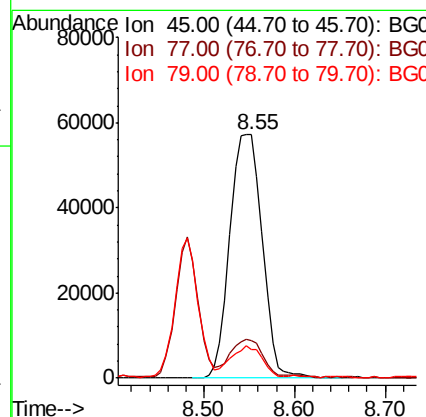
RT: 8.55 min Scan# 930

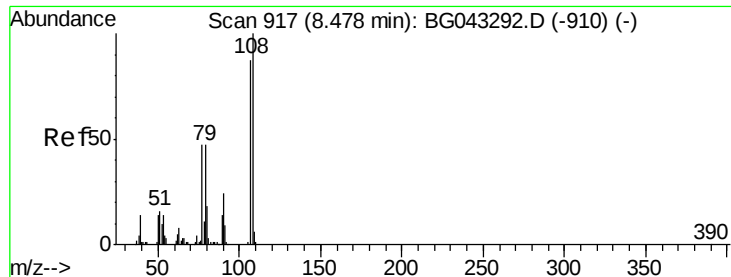
Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Tgt Ion	45	Resp	142246
Ion Ratio	Lower	Upper	
45	100		
77	15.5	0.0	34.2
79	11.6	0.0	32.3





#17

2-Methylphenol

Concen: 45.643 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

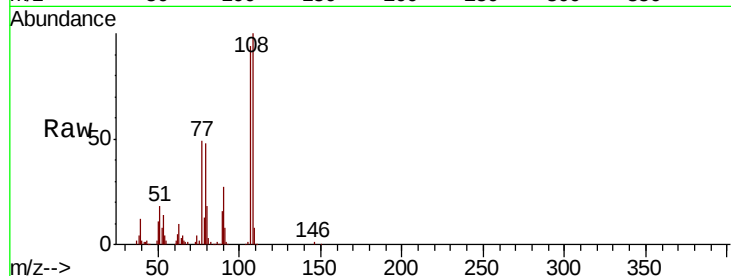
ClientSampleId :

184-40-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.5	91.3	136.9	
77	52.3	43.0	64.6	
79	51.4	43.4	65.2	

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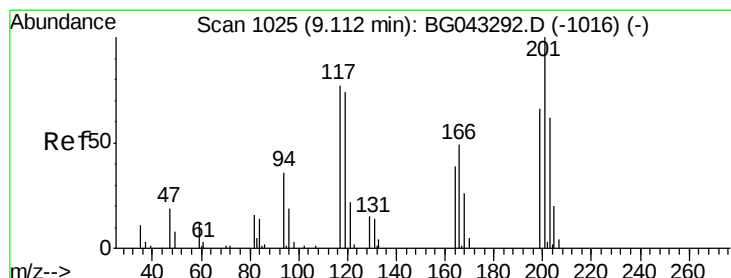
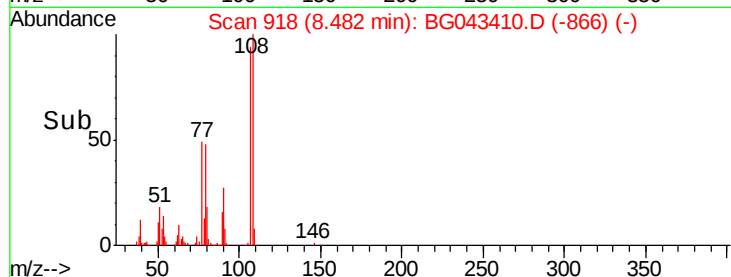
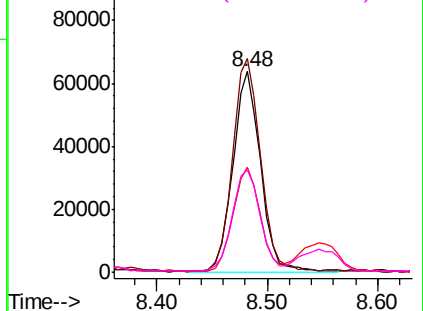
Abundance

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: 40.036 ng

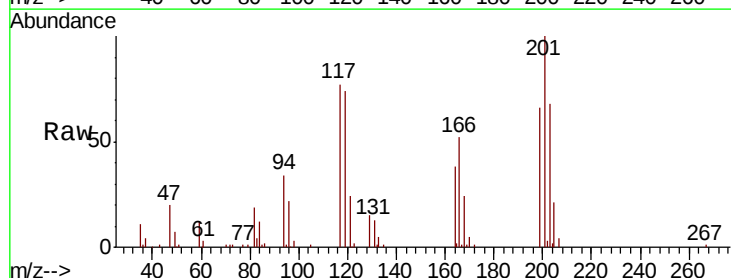
RT: 9.10 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	77.3	115.9	
201	129.3	104.2	156.4	

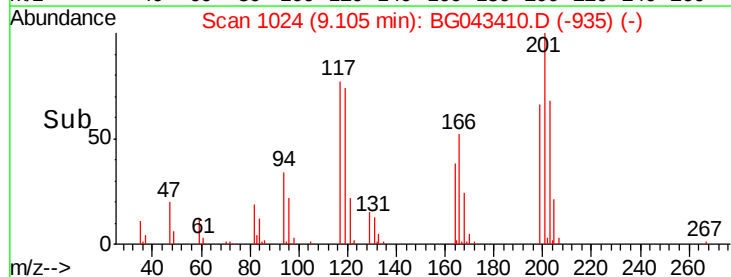
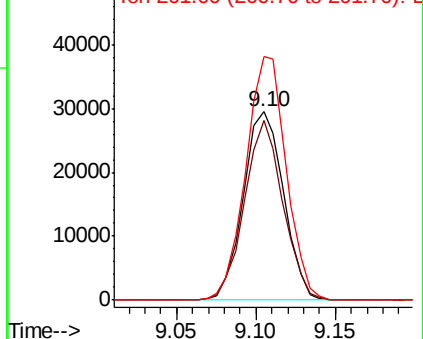


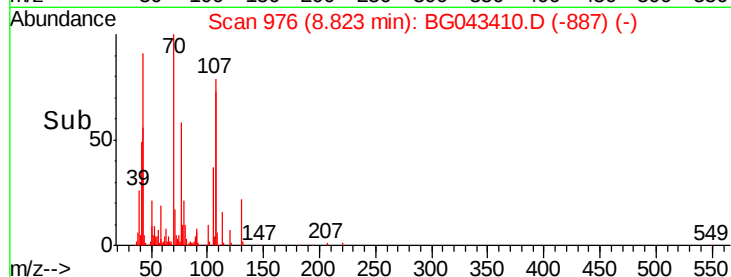
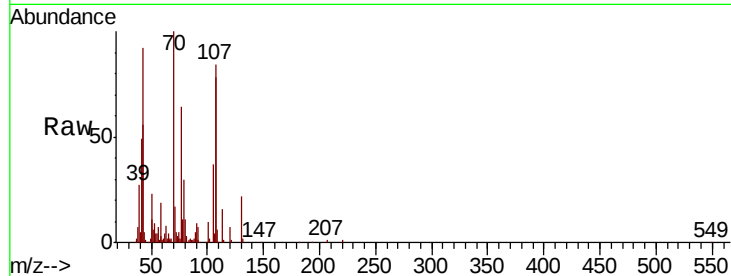
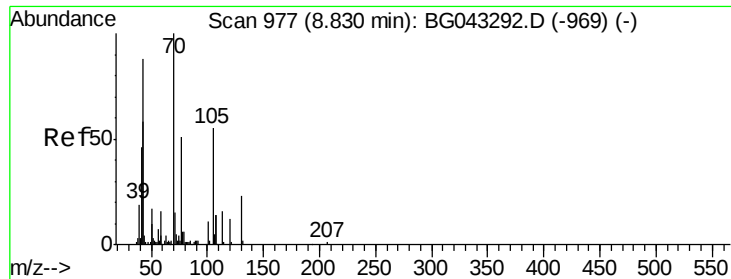
Abundance

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





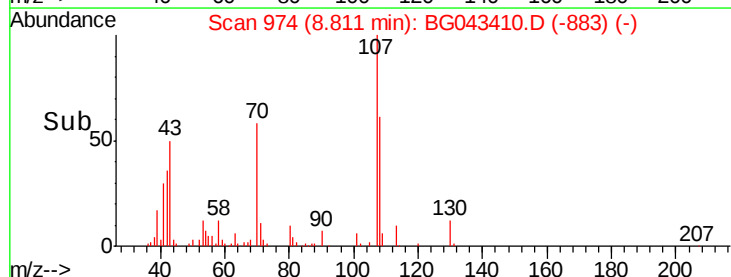
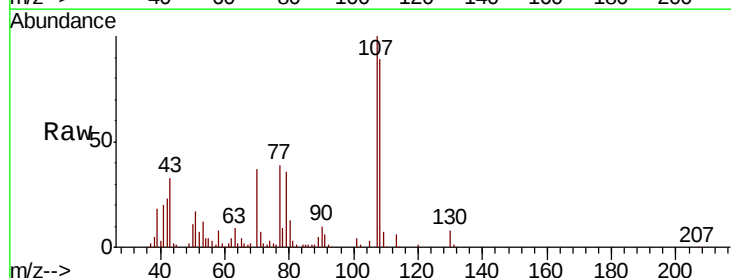
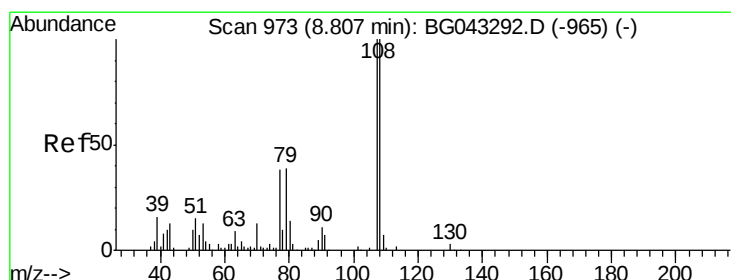
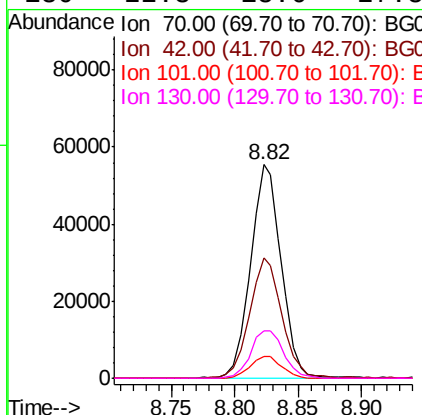
#19
n-Nitroso-di-n-propylamine
Concen: 38.744 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.2	46.2	69.2	
101	10.4	8.6	13.0	
130	22.3	18.6	27.8	

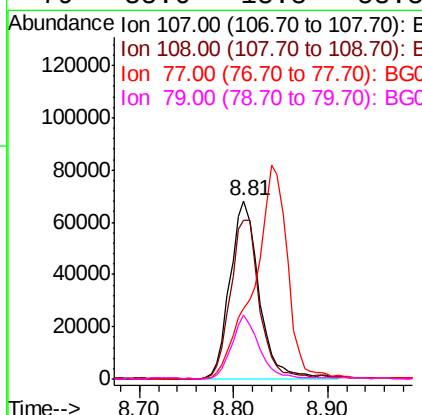
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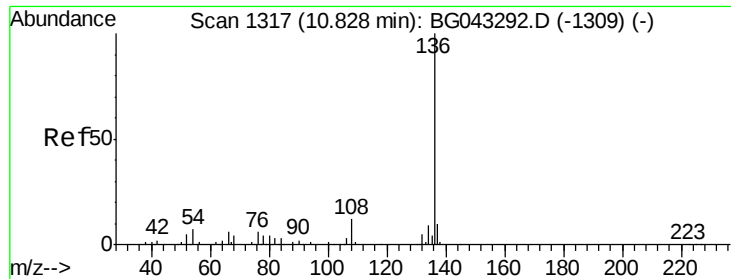
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#20
3+4-Methylphenols
Concen: 43.390 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	80.3	120.3	
77	39.4	18.2	58.2	
79	35.6	18.8	58.8	





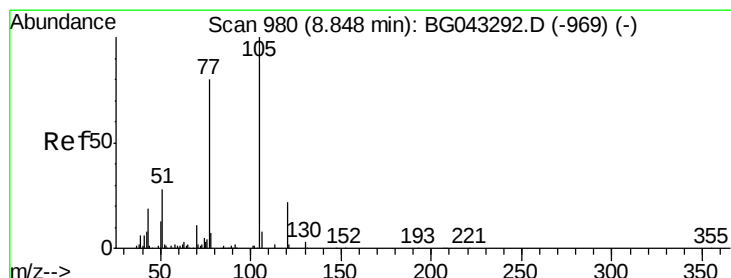
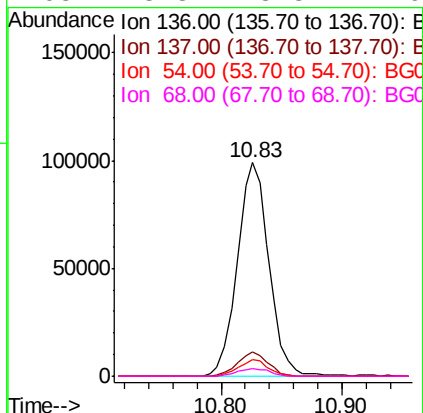
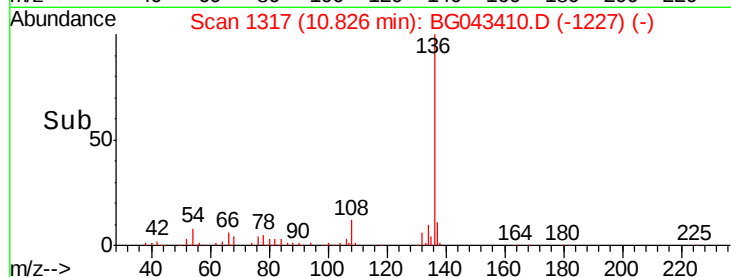
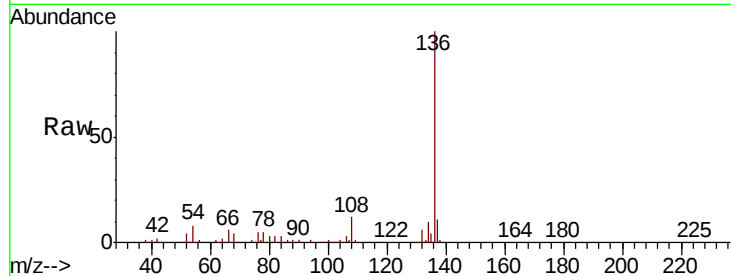
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	179938		
137	11.1	8.2	12.2	
54	7.5	5.4	8.2	
68	3.8	3.3	4.9	

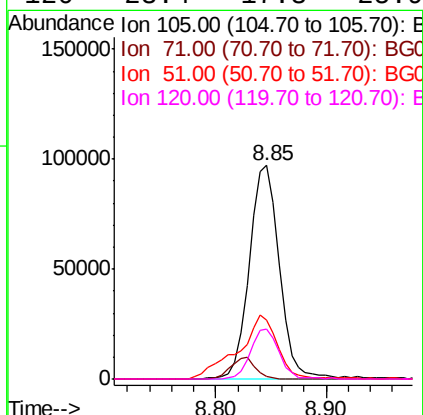
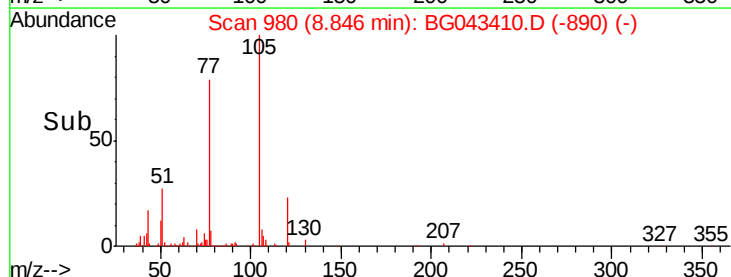
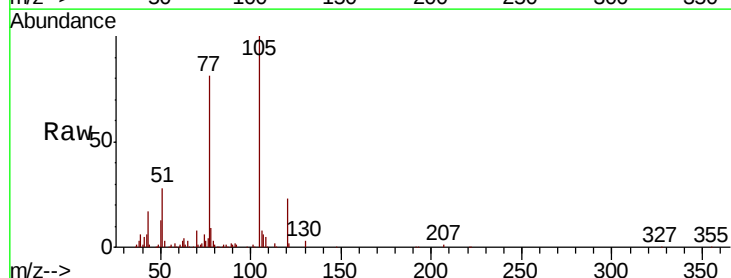
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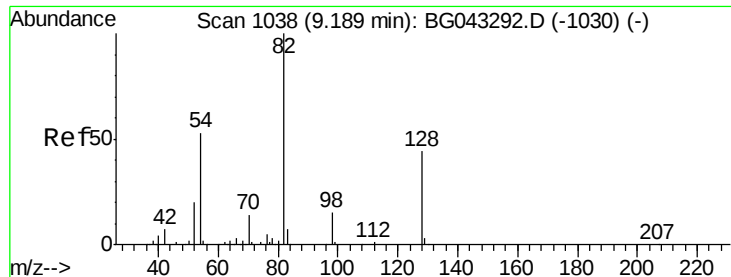
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#22
Acetophenone
Concen: 40.311 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	185754		
71	1.3	1.5	2.3#	
51	27.7	23.9	35.9	
120	23.4	17.3	25.9	





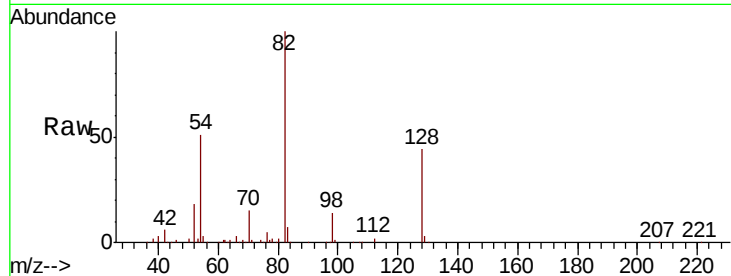
#23
 Nitrobenzene-d5
 Concen: 52.881 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 184-40-(0-2)MSD

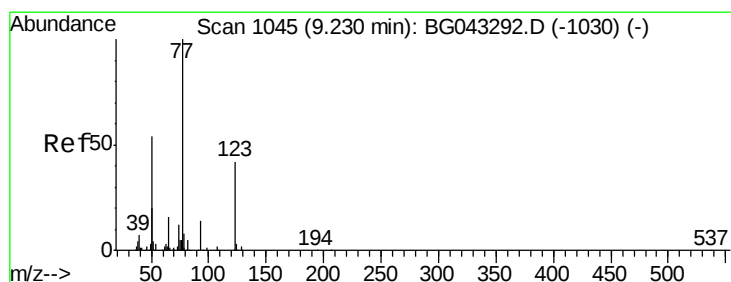
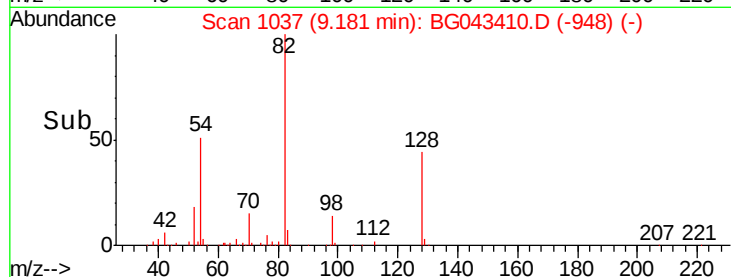
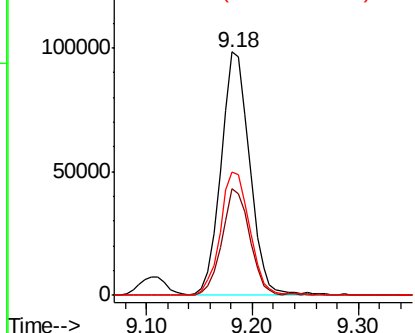
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.3	52.9
54	50.9	42.3	63.5

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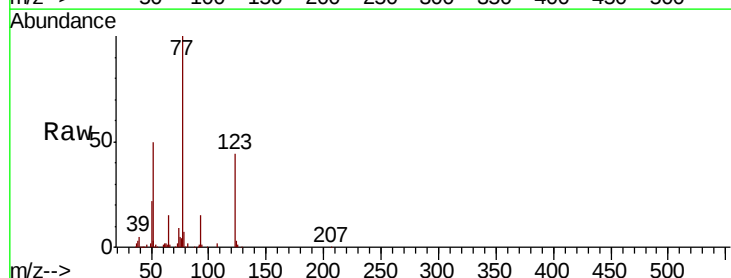


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

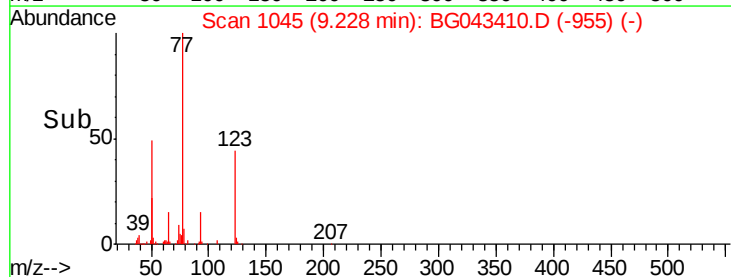
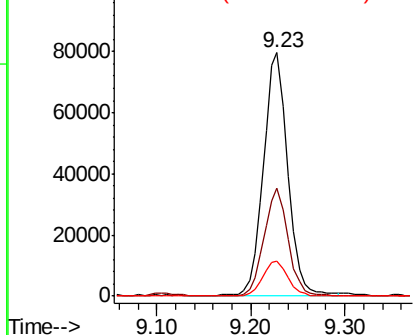


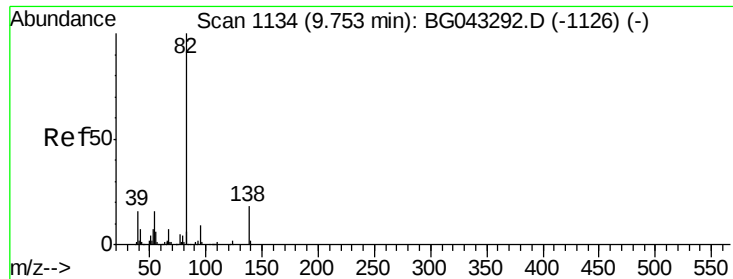
#24
 Nitrobenzene
 Concen: 43.190 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	33.8	50.8
65	14.5	13.0	19.4



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: 41.641 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

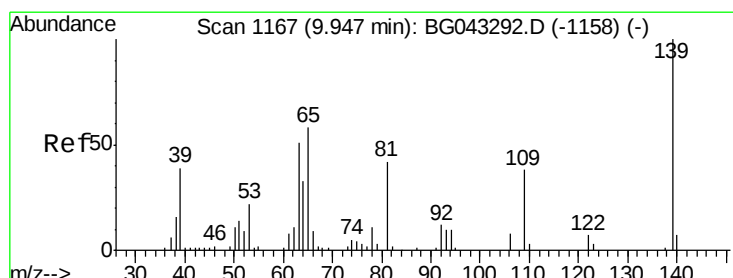
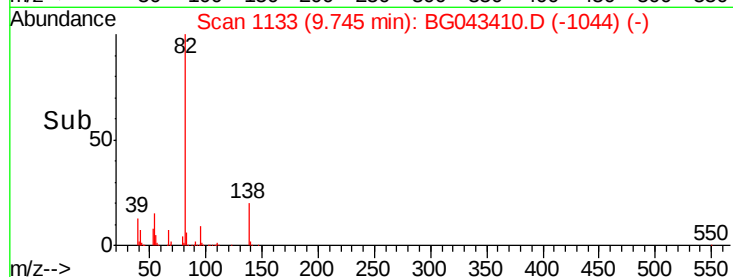
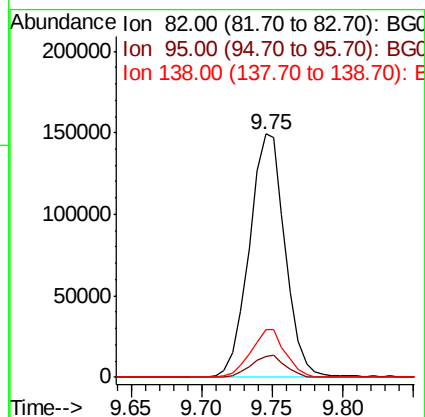
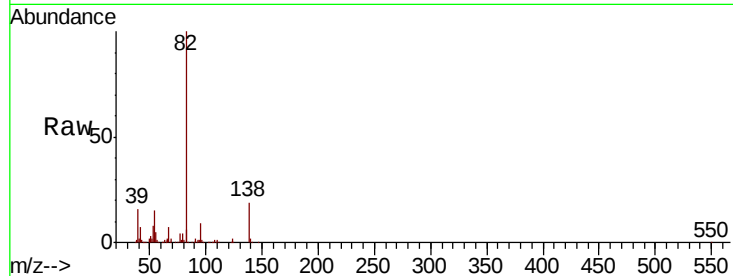
ClientSampleId :

184-40-(0-2)MSD

Tot Ion:	82	Resp:	265715
Ion Ratio	Lower	Upper	
82	100		
95	8.7	6.9	10.3
138	19.4	14.2	21.2

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#26

2-Nitrophenol

Concen: 47.850 ng

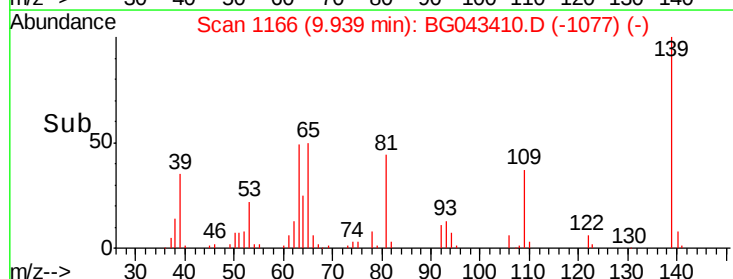
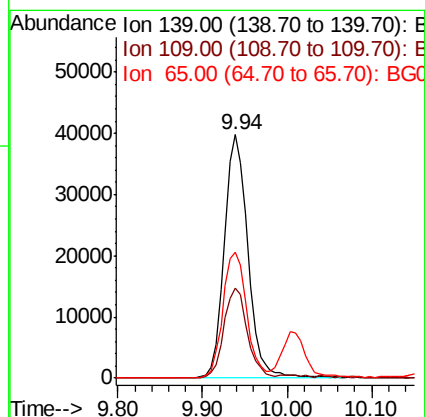
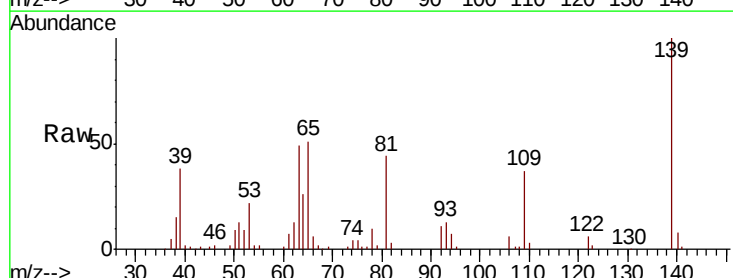
RT: 9.94 min Scan# 1166

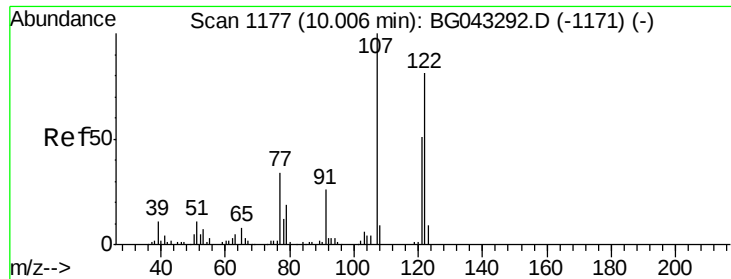
Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Tgt Ion:	139	Resp:	76808
Ion Ratio	Lower	Upper	
139	100		
109	36.8	30.1	45.1
65	51.5	46.1	69.1





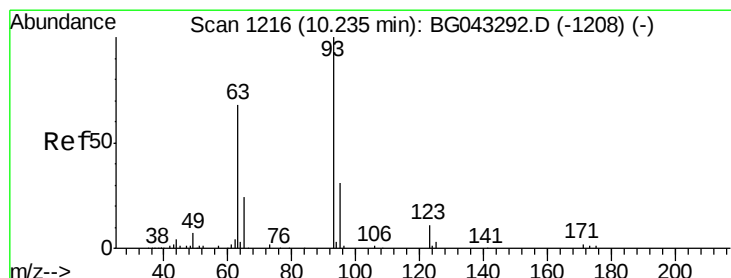
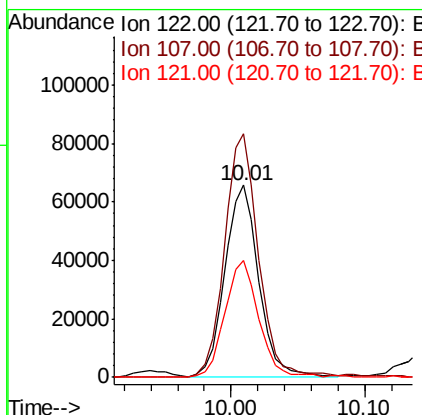
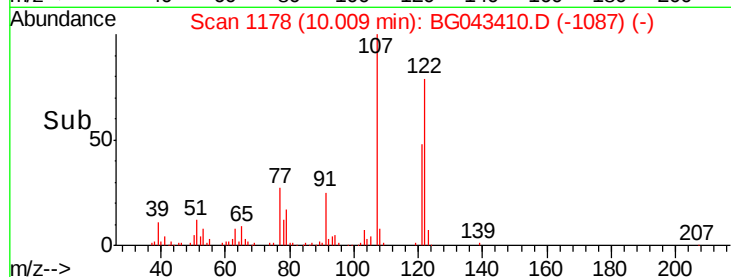
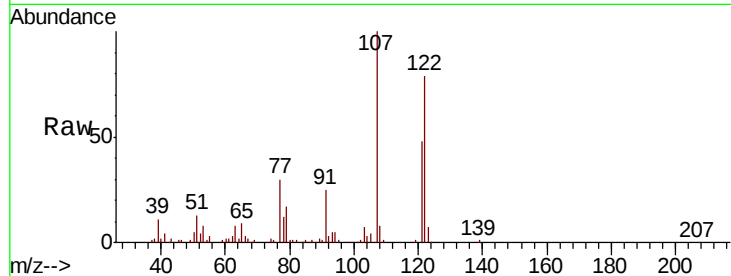
#27
 2,4-Dimethylphenol
 Concen: 50.172 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.8	98.6	147.8
121	61.2	50.1	75.1

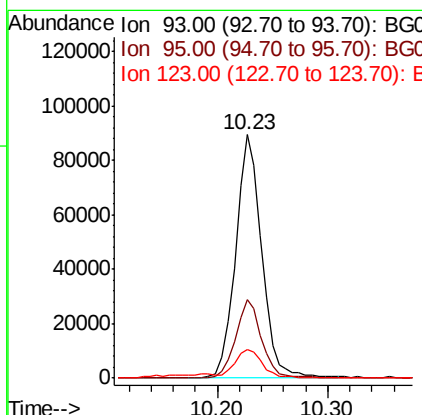
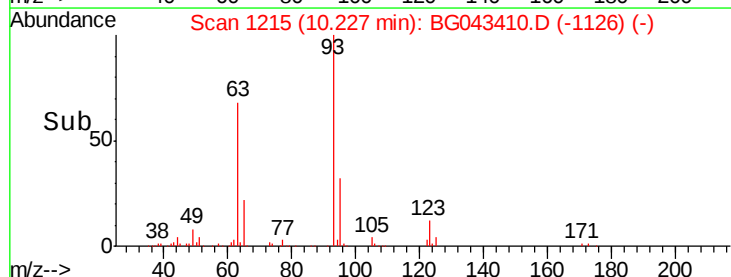
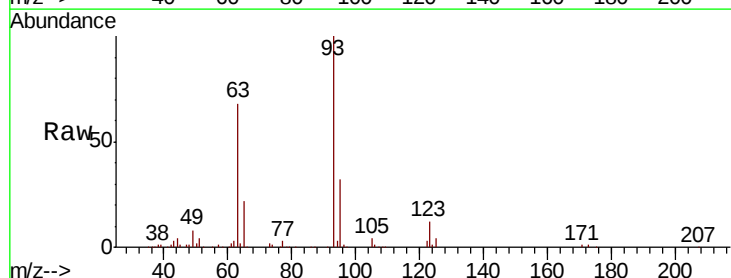
Manual Integrations
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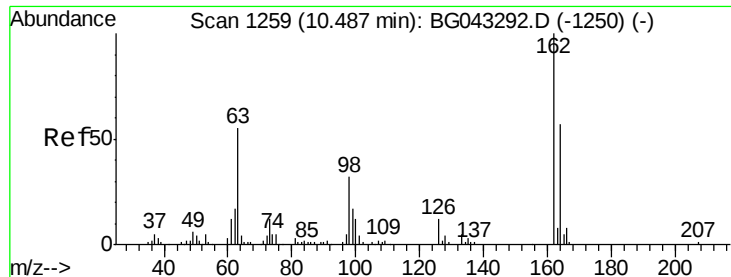
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.049 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.9	37.3
123	11.8	8.9	13.3





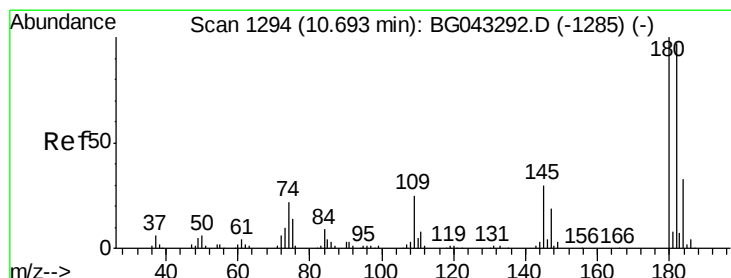
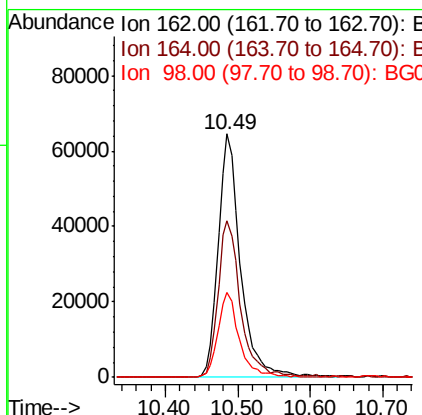
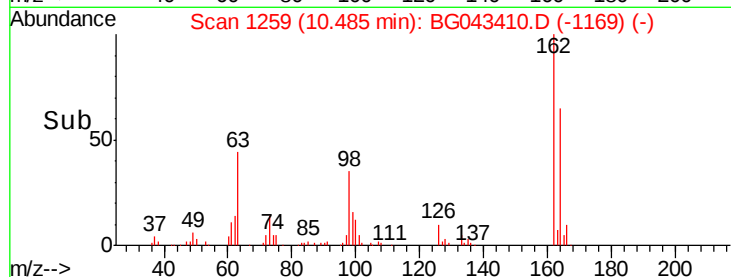
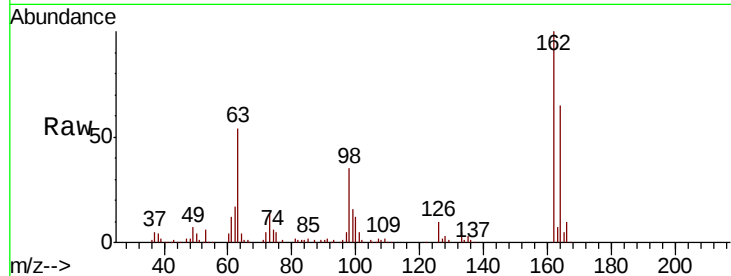
#29
 2,4-Dichlorophenol
 Concen: 46.848 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 184-40-(0-2)MSD

Tot Ion:	162	Resp:	138098
Ion Ratio	Lower	Upper	
162	100		
164	64.5	37.3	77.3
98	34.9	11.8	51.8

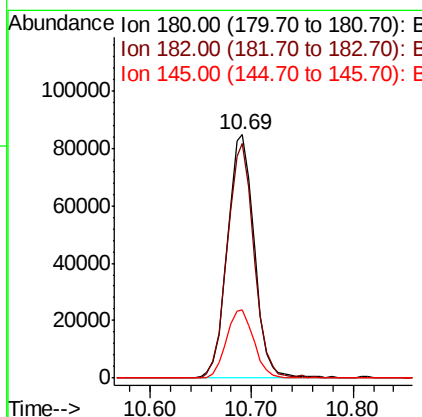
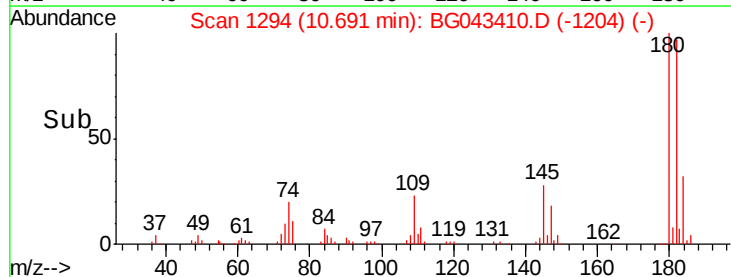
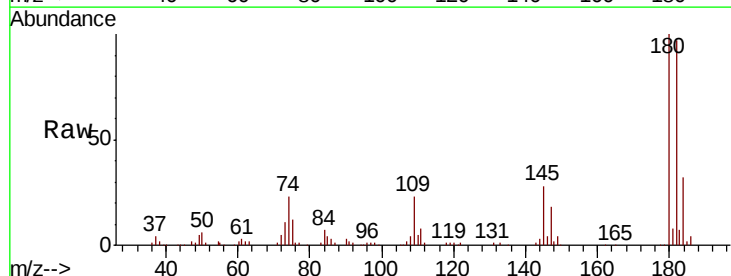
Manual Integrations
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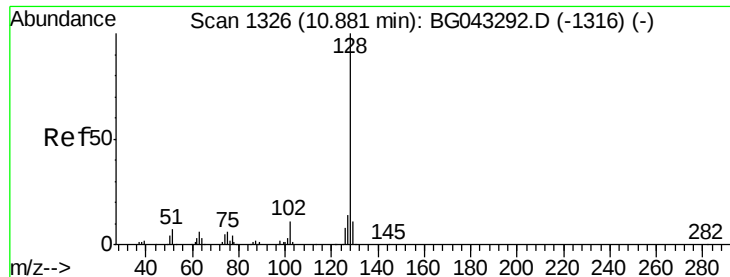
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.919 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion:	180	Resp:	155741
Ion Ratio	Lower	Upper	
180	100		
182	96.6	77.8	116.8
145	27.8	23.6	35.4





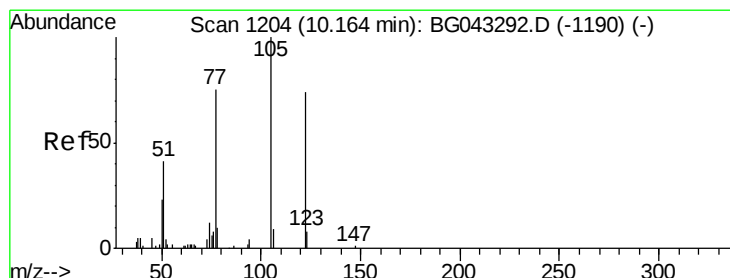
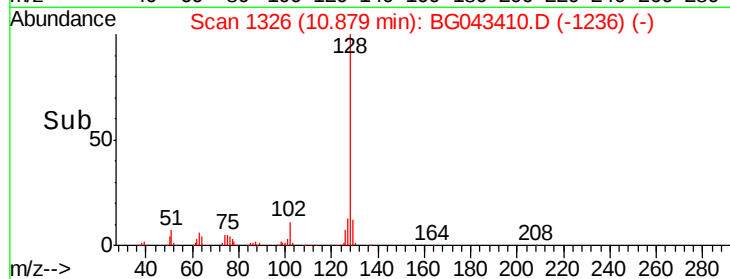
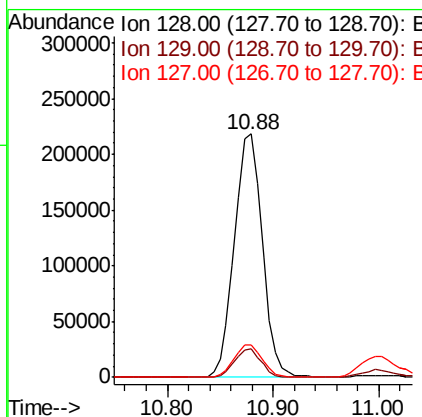
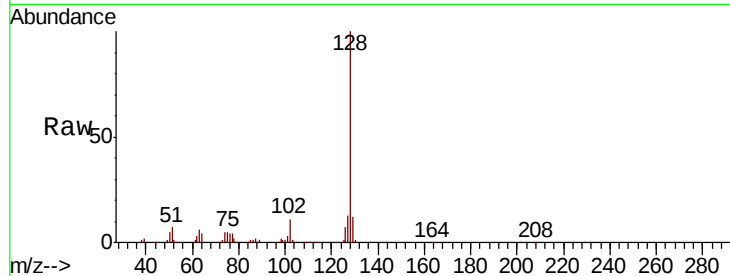
#31
Naphthalene
Concen: 43.989 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	13.4	11.5	17.3

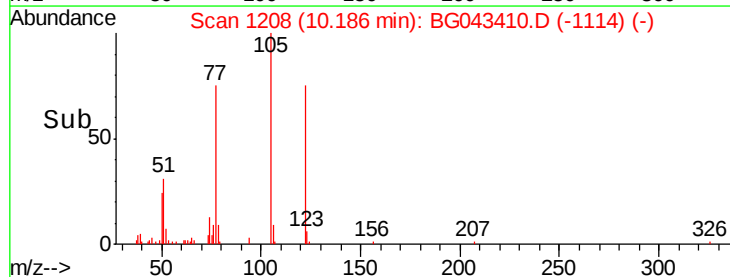
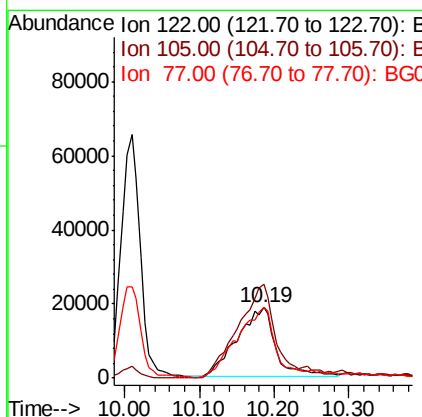
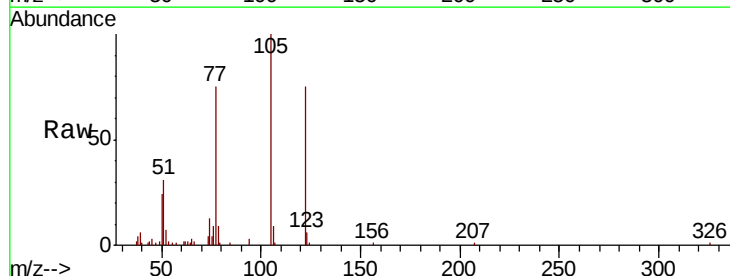
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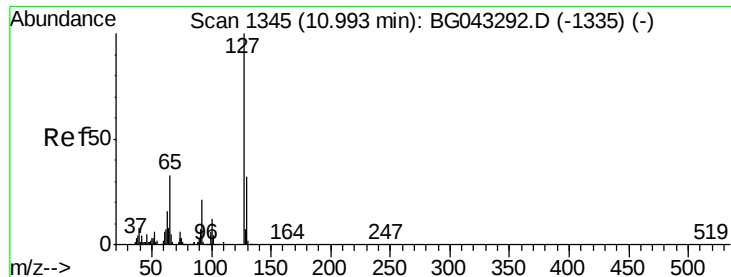
mohammad
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#32
Benzoic acid
Concen: 39.820 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.6	112.4	152.4
77	100.1	82.7	122.7





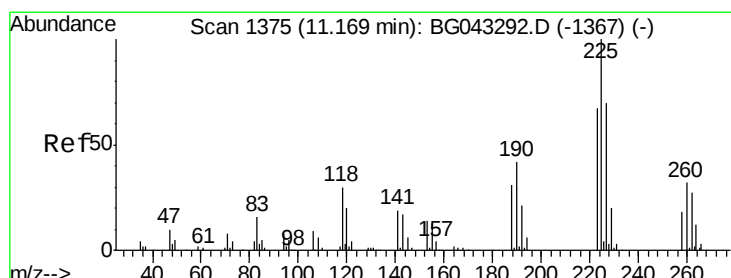
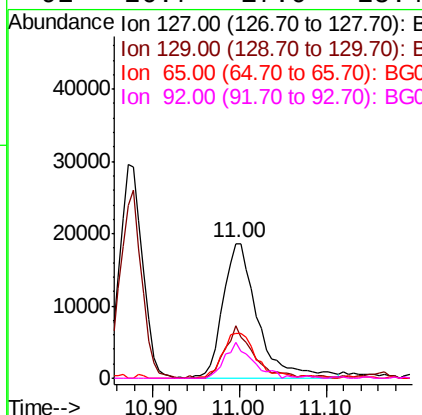
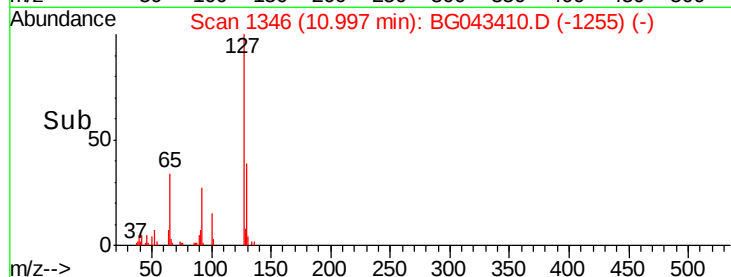
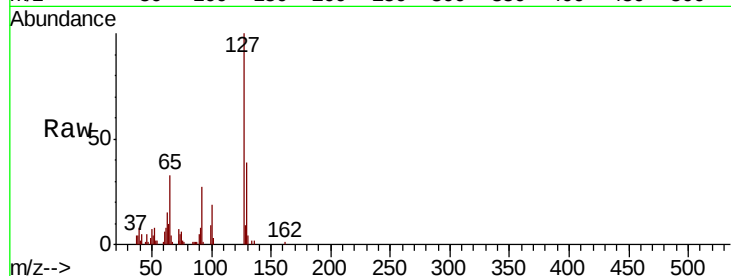
#33
4-Chloroaniline
Concen: 13.802 ng/mL
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	38.6	25.8	38.8
65	33.2	26.2	39.2
92	26.7	17.0	25.4

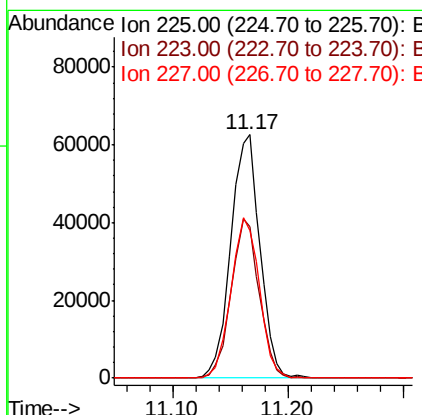
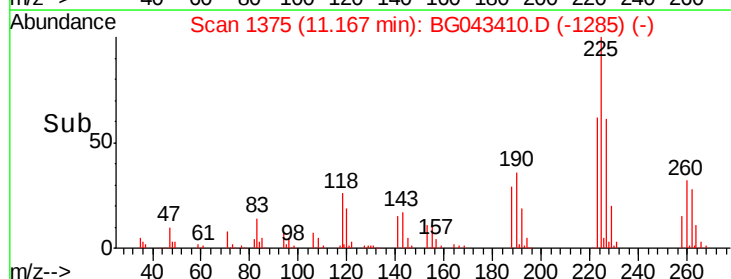
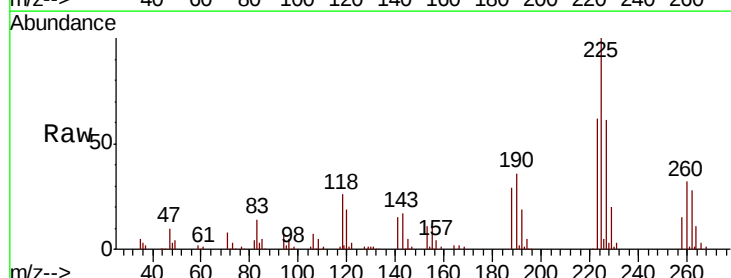
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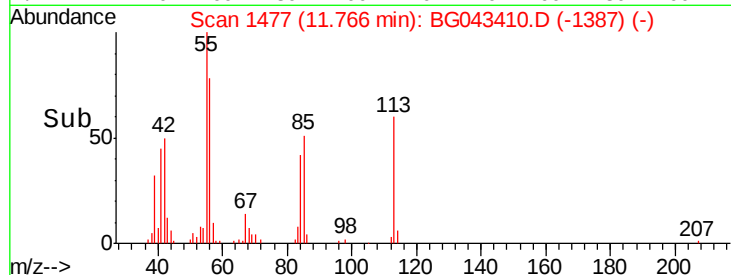
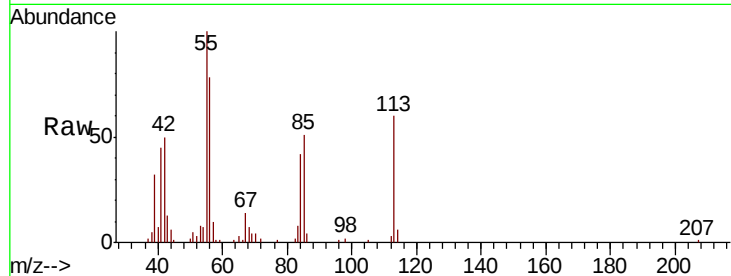
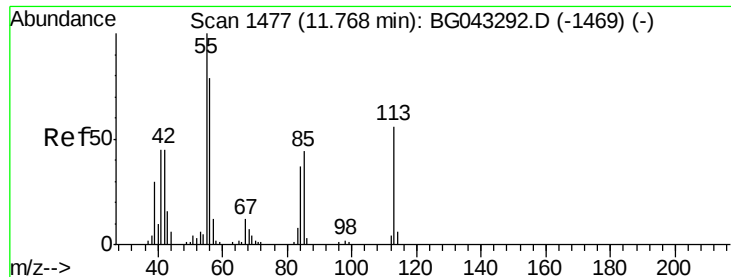
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#34
Hexachlorobutadiene
Concen: 39.751 ng/mL
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	53.2	79.8
227	60.6	56.2	84.2





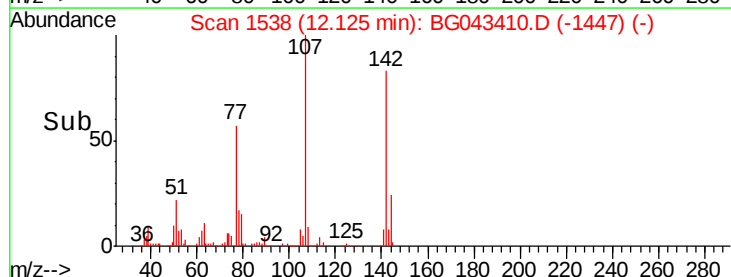
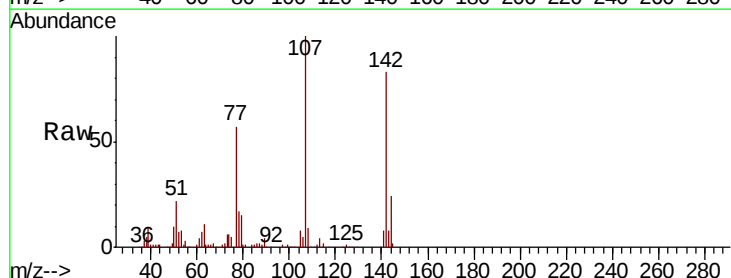
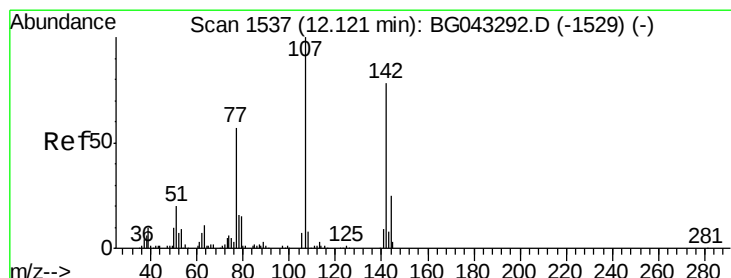
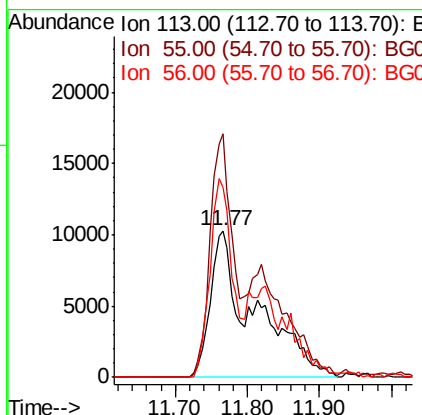
#35
Caprolactam
Concen: 42.609 ng/ml
RT: 11.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.8	158.9	198.9
56	129.0	121.4	161.4

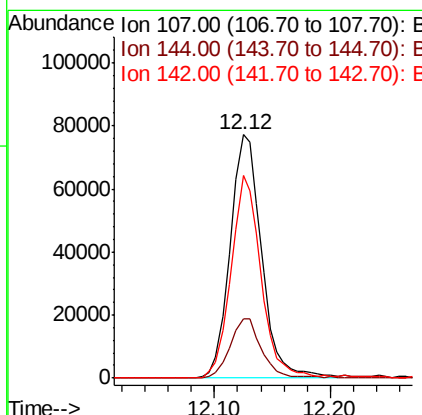
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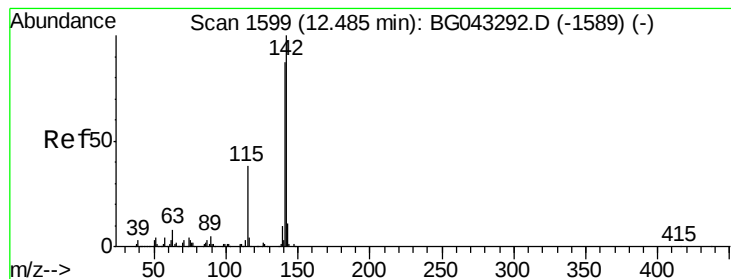
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#36
4-Chloro-3-methylphenol
Concen: 45.290 ng/ml
RT: 12.12 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.9	29.9
142	83.0	62.1	93.1





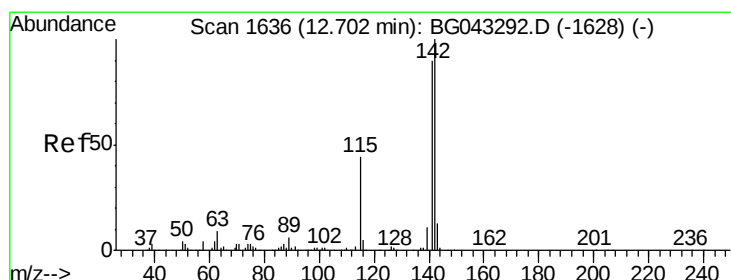
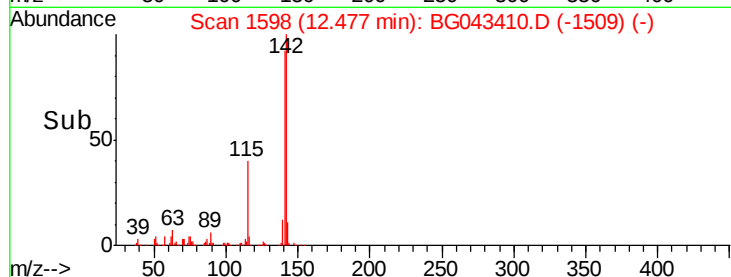
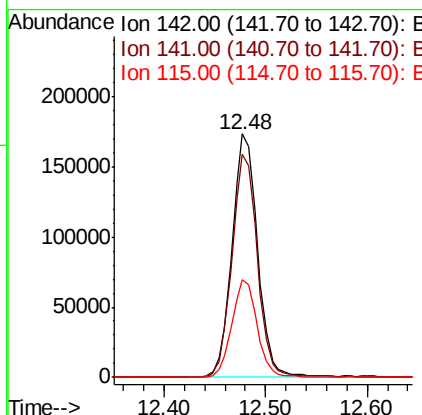
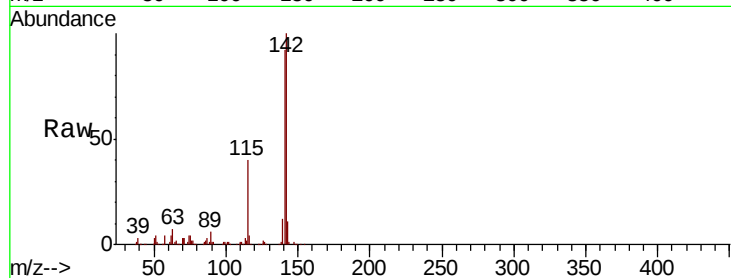
#37
 2-Methylnaphthalene
 Concen: 43.250 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	69.7	104.5
115	40.1	30.6	46.0

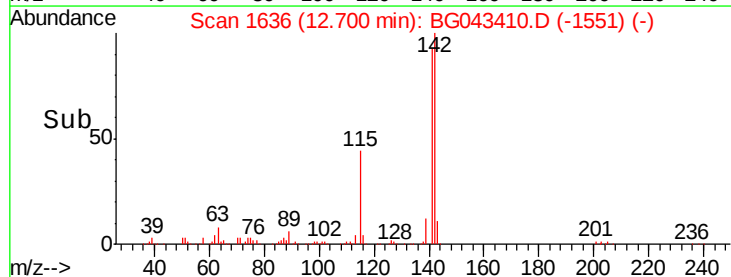
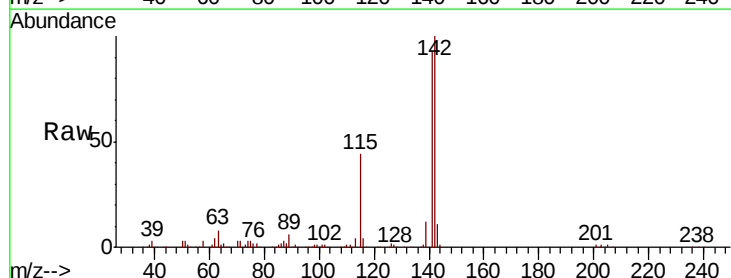
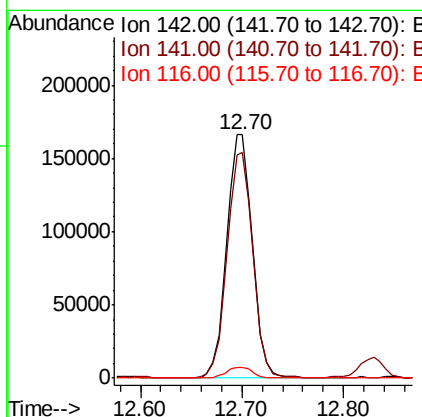
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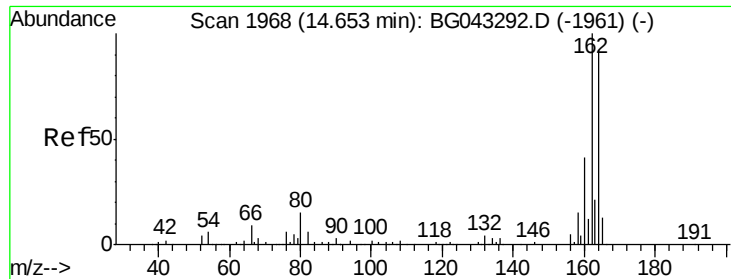
mohammad
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#38
 1-Methylnaphthalene
 Concen: 43.726 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.3	108.5
116	4.4	3.8	5.6





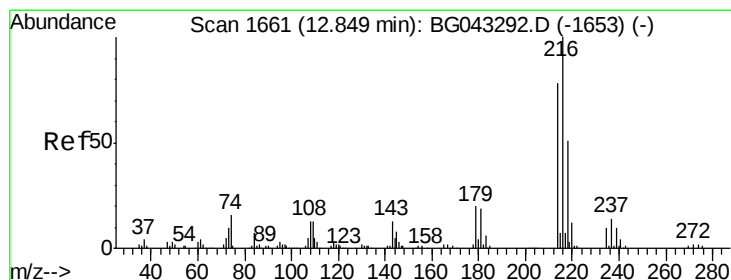
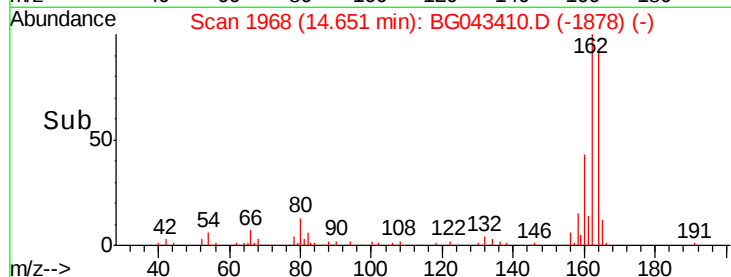
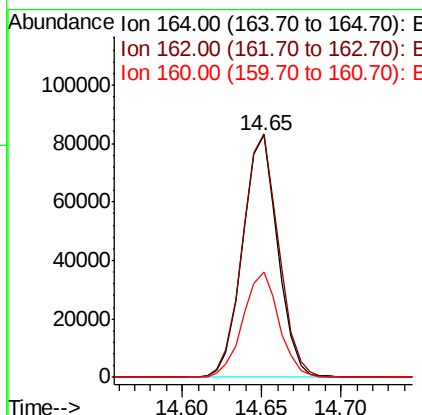
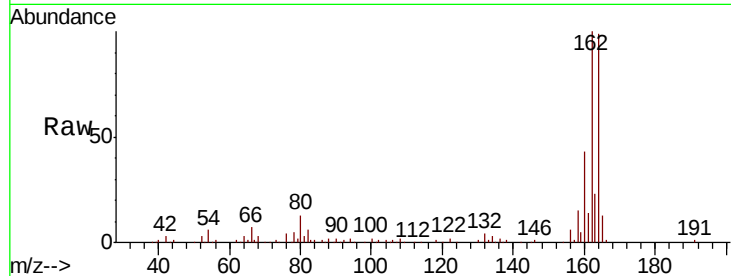
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	87.0	130.4
160	43.4	35.5	53.3

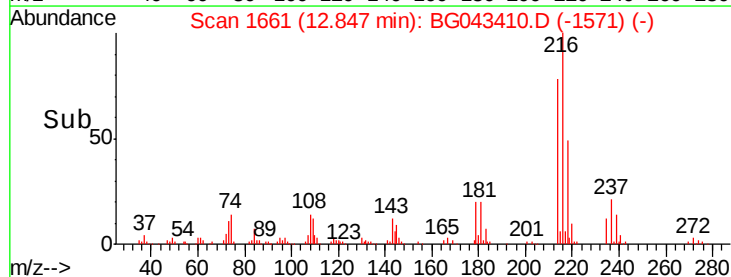
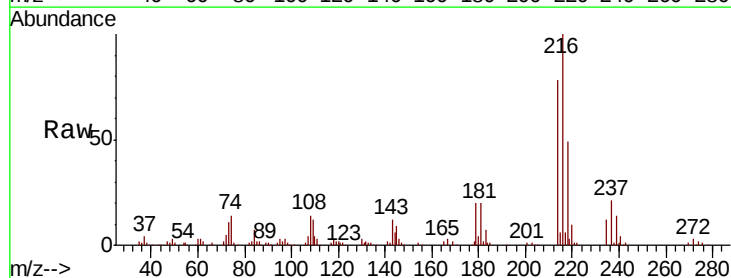
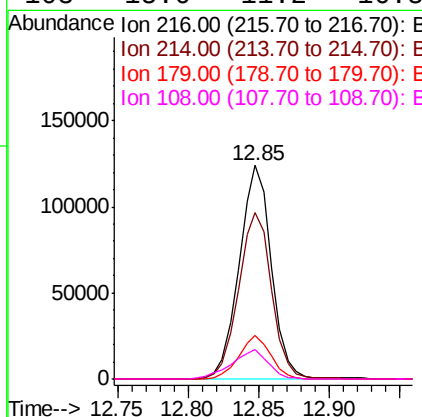
Manual Integrations
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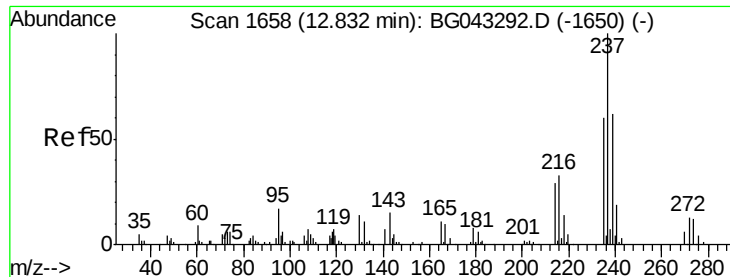
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.857 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.5	95.3
179	20.0	16.2	24.2
108	15.6	11.2	16.8





#41

Hexachlorocyclopentadiene

Concen: 92.845 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

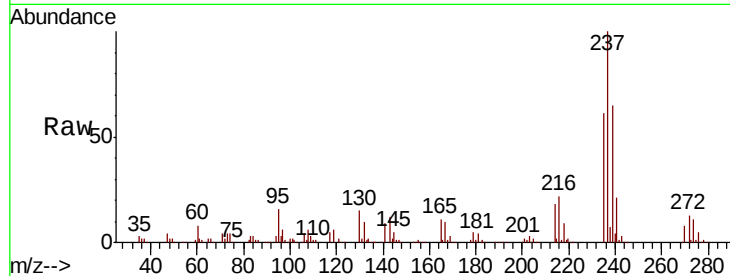
ClientSampleId :

184-40-(0-2)MSD

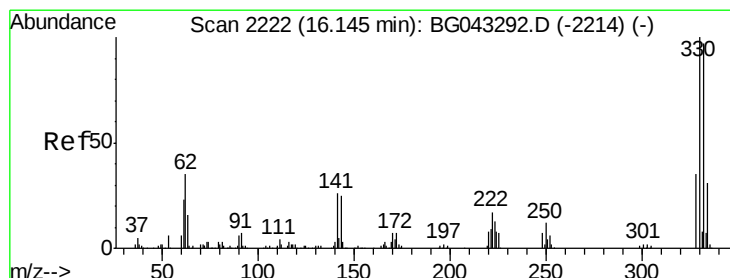
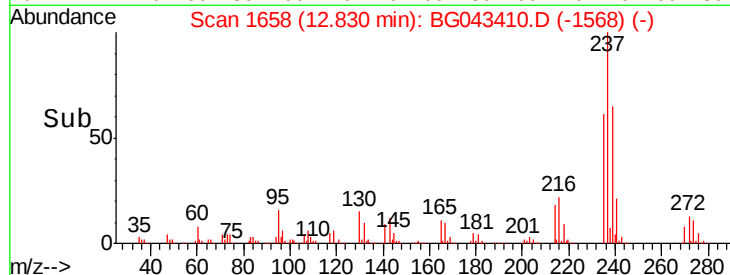
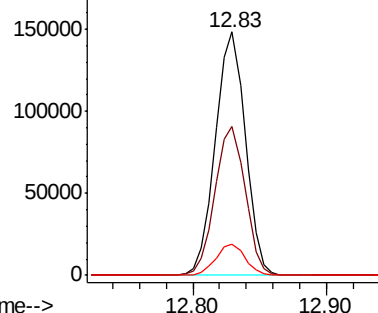
Tot Ion:	237	Resp:	229873
Ion Ratio	Lower	Upper	
237	100		
235	61.1	40.3	80.3
272	13.0	0.0	32.9

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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: 76.576 ng

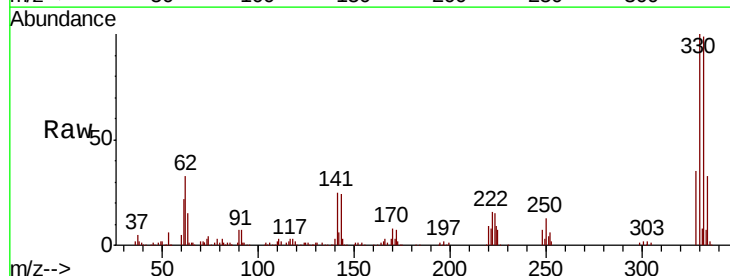
RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

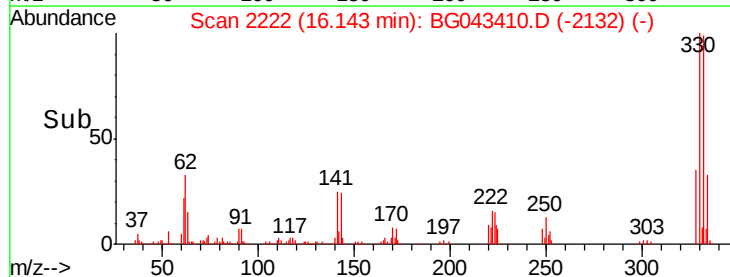
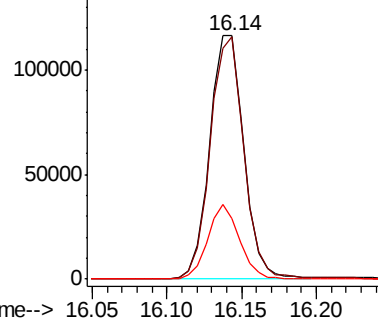
Lab File: BG043410.D

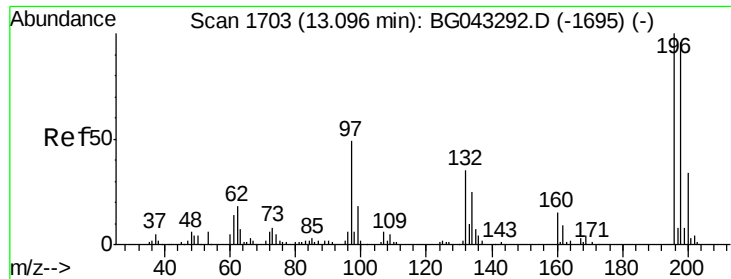
Acq: 30 Oct 2019 21:12

Tgt Ion:	330	Resp:	185587
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.4	114.6
141	28.4	21.4	32.0



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





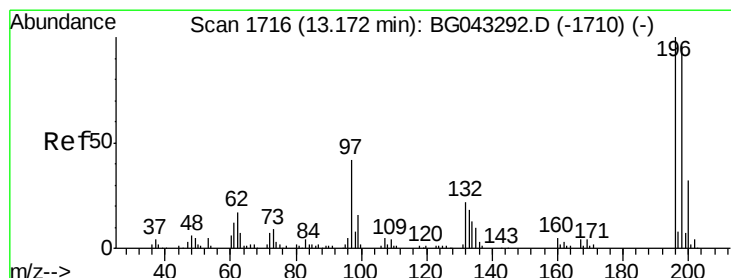
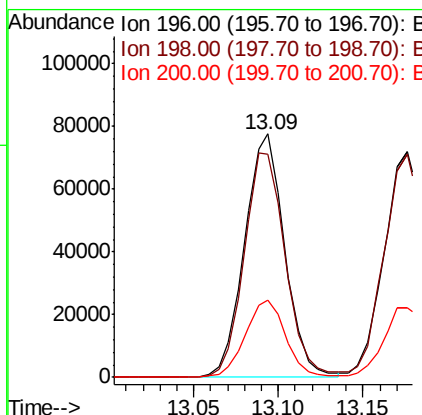
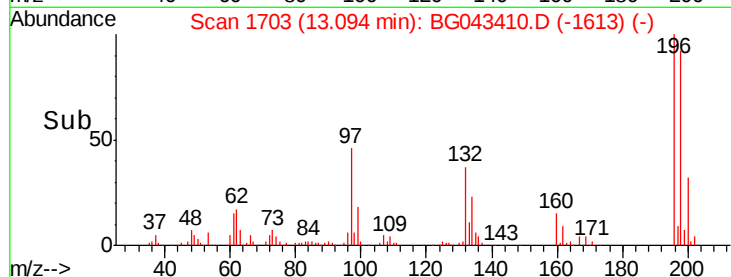
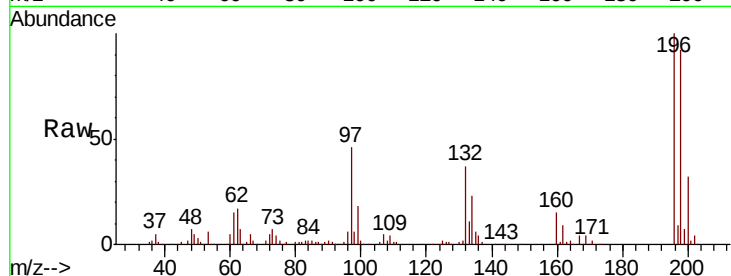
#43
 2,4,6-Trichlorophenol
 Concen: 46.152 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 184-40-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	128102		
198	91.6	77.0	115.4	
200	31.6	27.4	41.2	

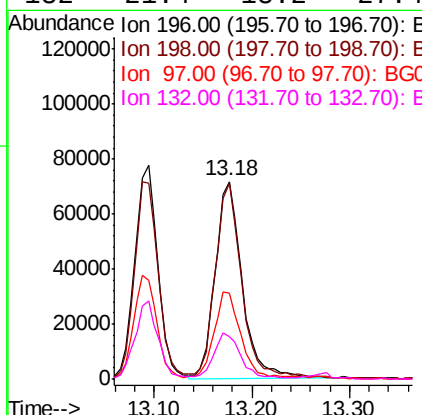
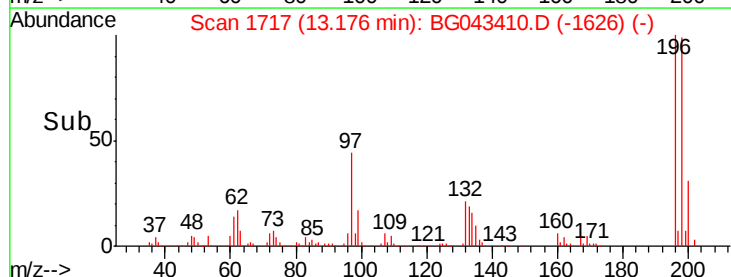
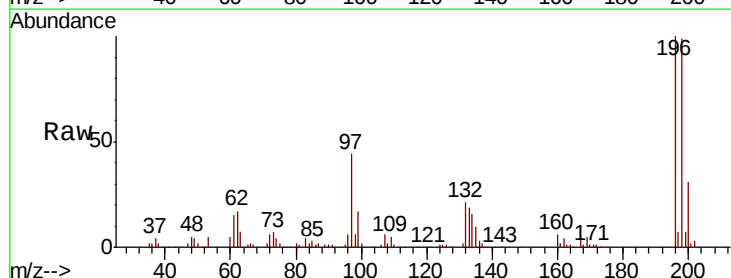
Manual Integrations
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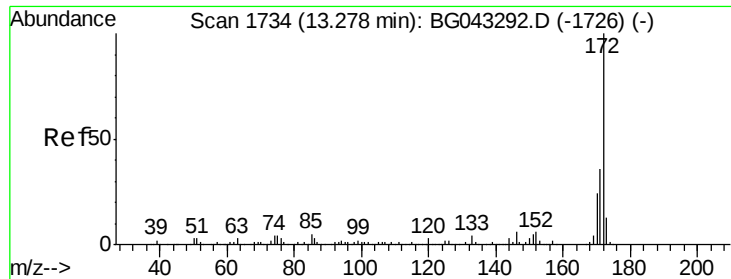
mohammad
 10/31/2019 2:52:03 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.630 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	136463		
198	99.3	76.6	114.8	
97	43.5	34.1	51.1	
132	21.4	18.2	27.4	





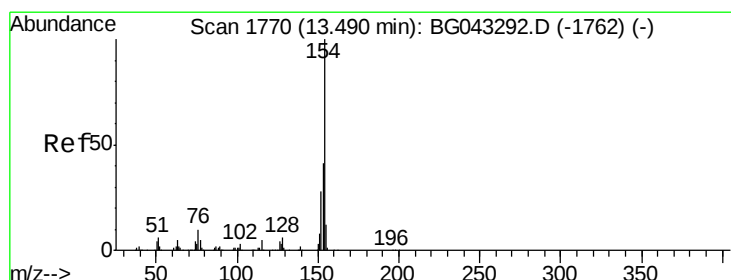
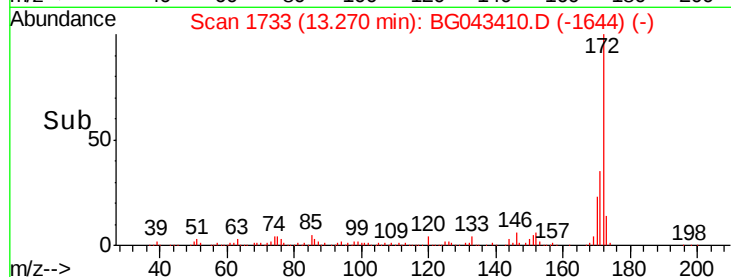
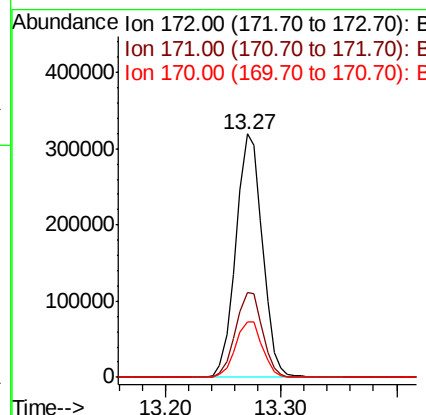
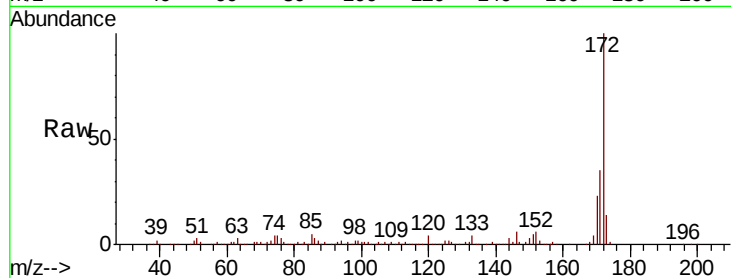
#45
2-Fluorobiphenyl
Concen: 55.143 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion:172	Resp:	508231
Ion Ratio	Lower	Upper
172	100	
171	34.9	28.5 42.7
170	22.8	18.8 28.2

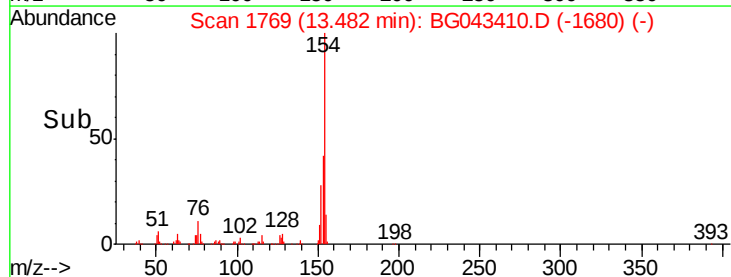
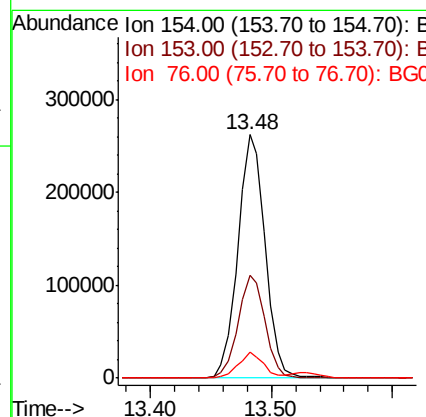
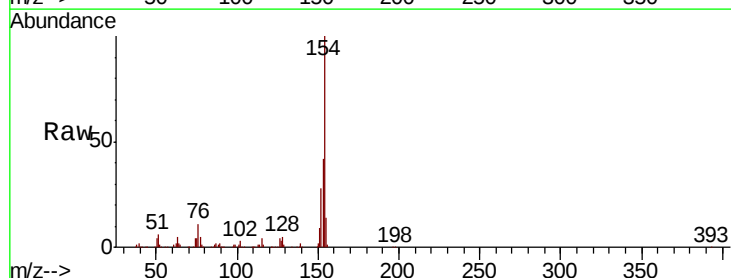
Manual Integrations
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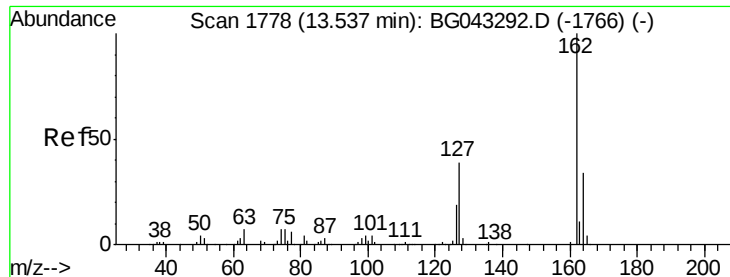
mohammad
10/31/2019 2:52:03 PM



#46
1,1'-Biphenyl
Concen: 42.422 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion:154	Resp:	411006
Ion Ratio	Lower	Upper
154	100	
153	42.2	21.0 61.0
76	10.5	0.0 29.8





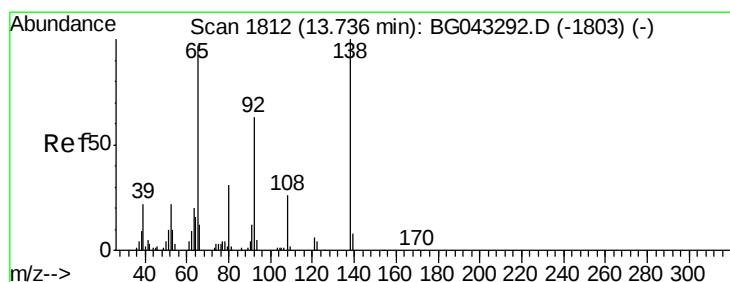
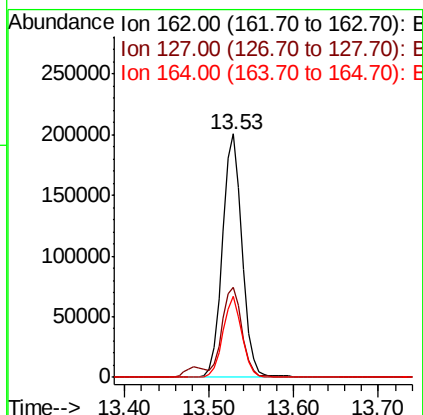
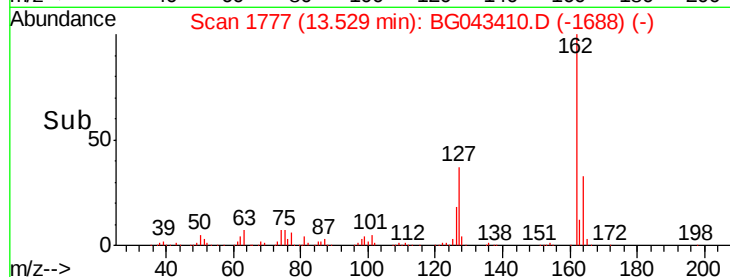
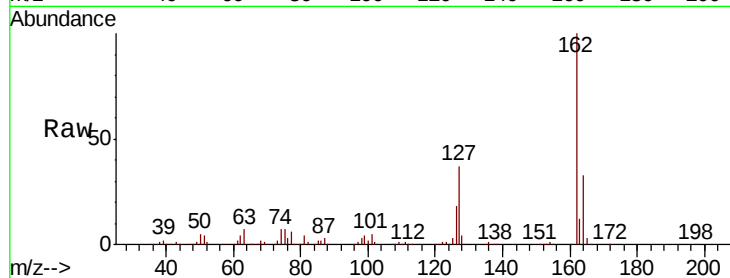
#47
2-Chloronaphthalene
Concen: 43.656 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	31.3	46.9
164	33.4	26.8	40.2

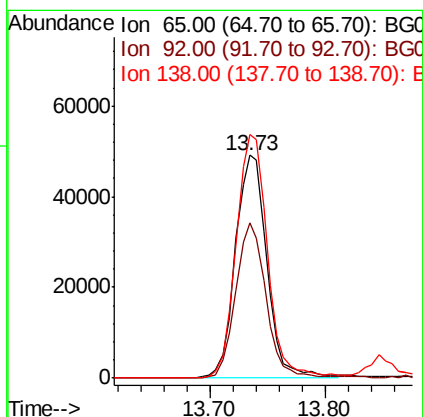
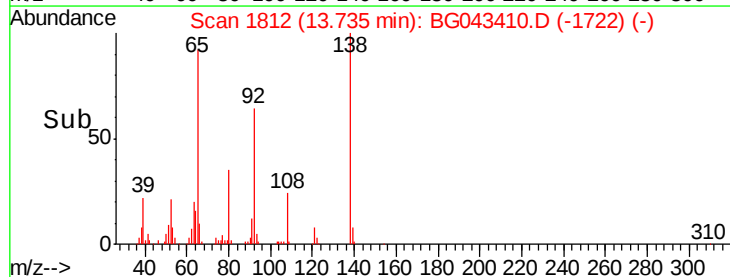
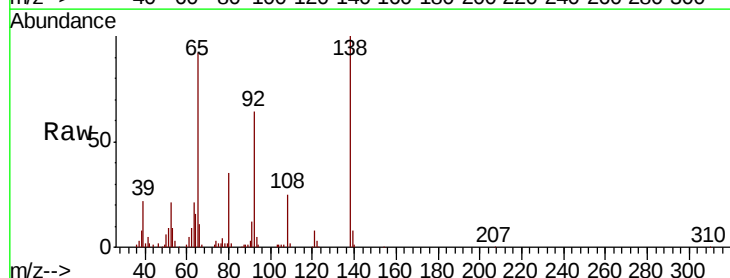
Manual Integrations
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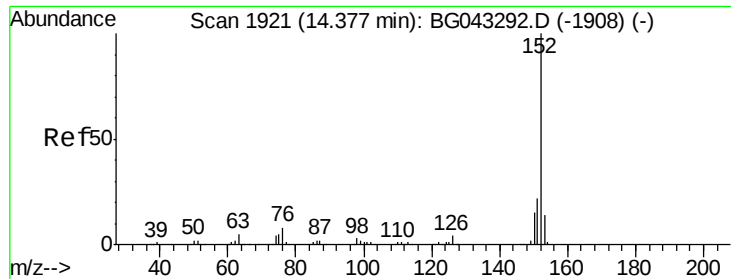
mohammad
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#48
2-Nitroaniline
Concen: 42.252 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	52.6	79.0
138	109.2	82.9	124.3





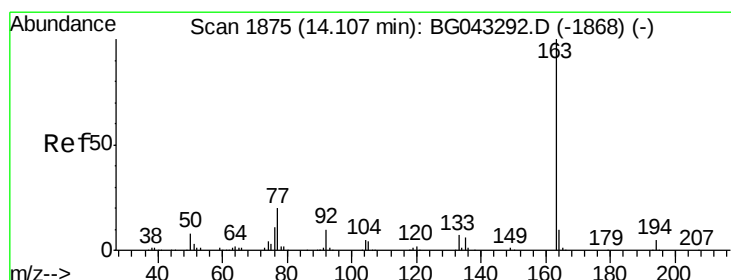
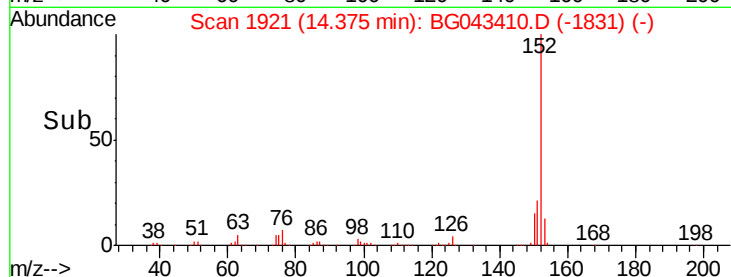
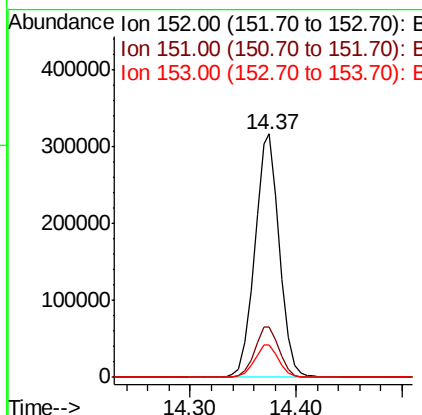
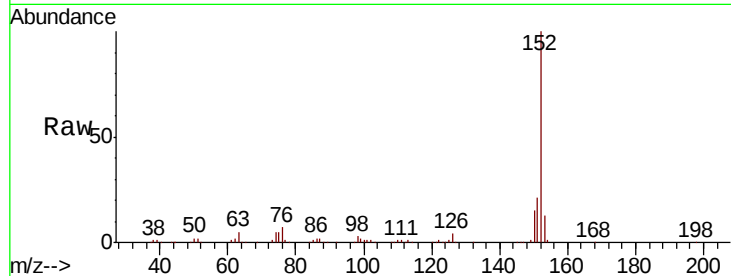
#49
Acenaphthylene
Concen: 44.585 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		511519		
151	20.8	17.2	25.8		
153	13.2	11.0	16.6		

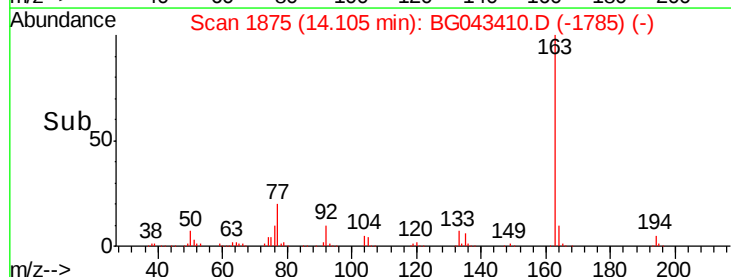
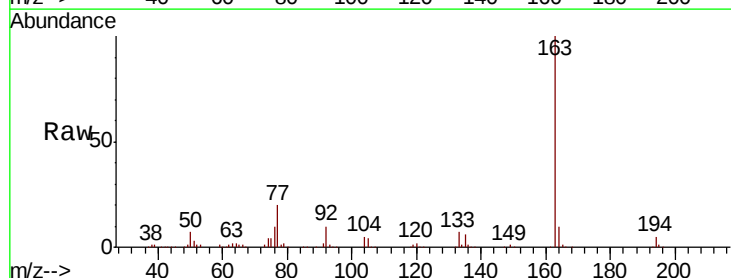
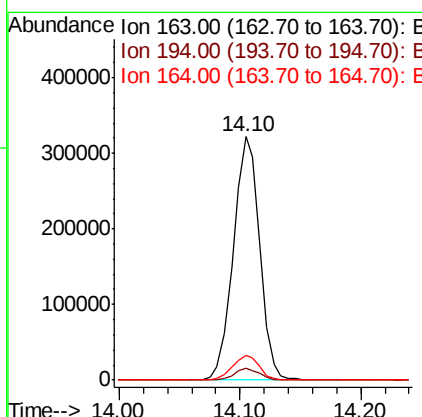
Manual Integrations
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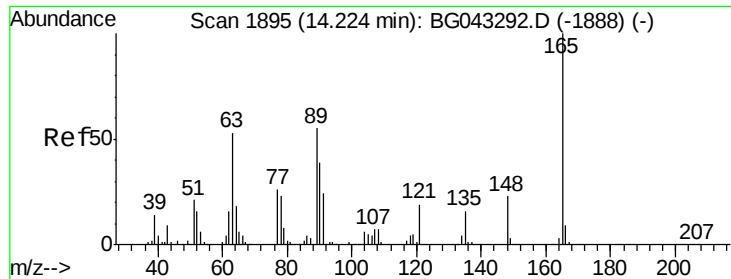
mohammad
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#50
Dimethylphthalate
Concen: 49.373 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		487046		
194	5.1	3.7	5.5		
164	10.3	8.1	12.1		





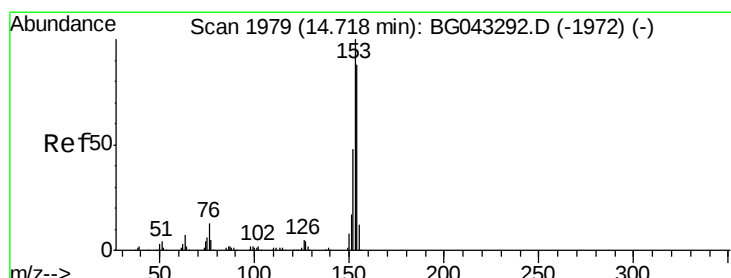
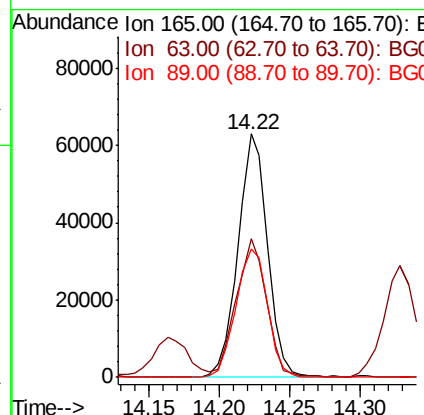
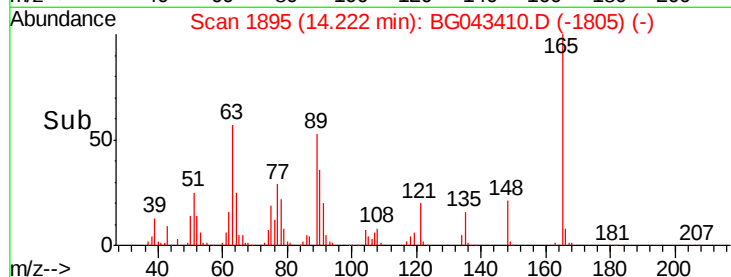
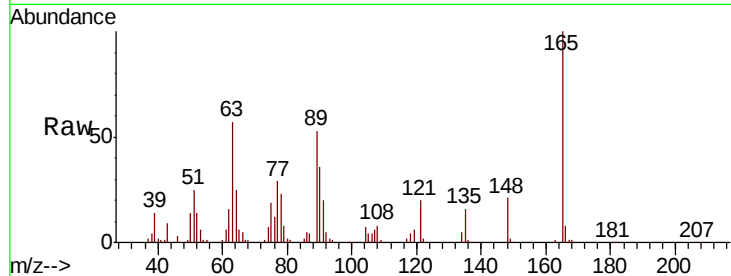
#51
 2,6-Dinitrotoluene
 Concen: 42.972 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.1	47.1	70.7
89	53.0	43.7	65.5

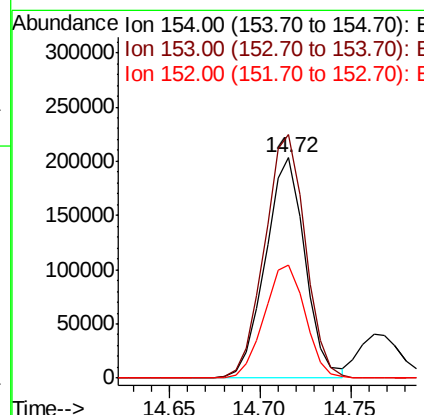
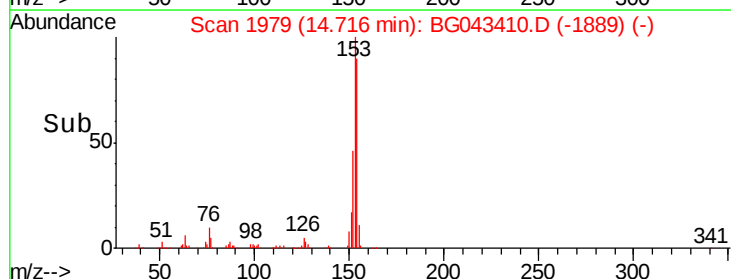
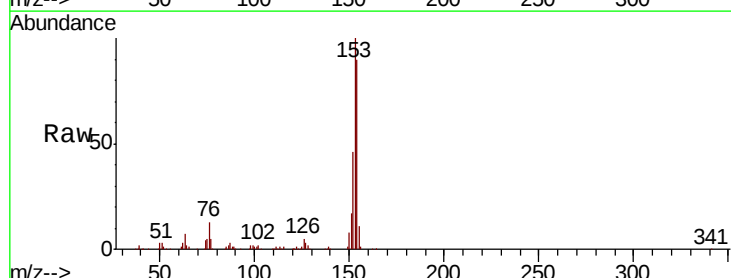
Manual Integrations
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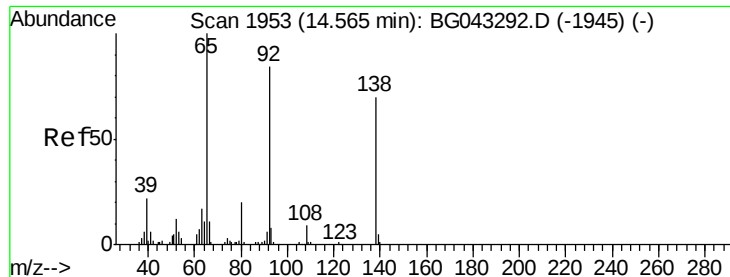
mohammad
 10/31/2019 2:52:03 PM



#52
 Acenaphthene
 Concen: 44.140 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	90.9	136.3
152	51.4	43.9	65.9





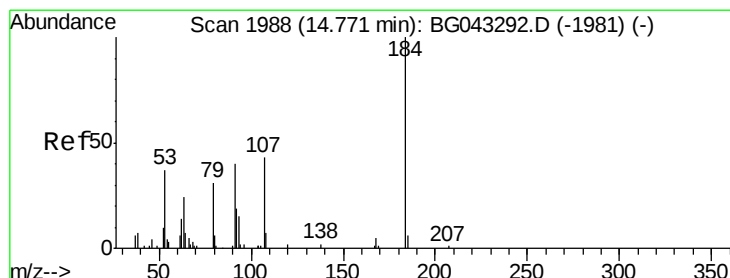
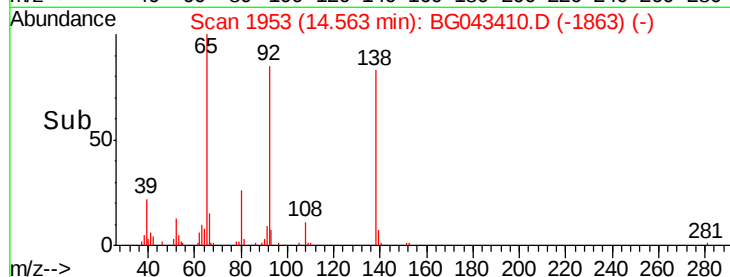
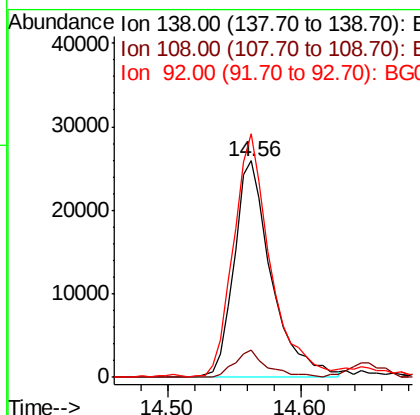
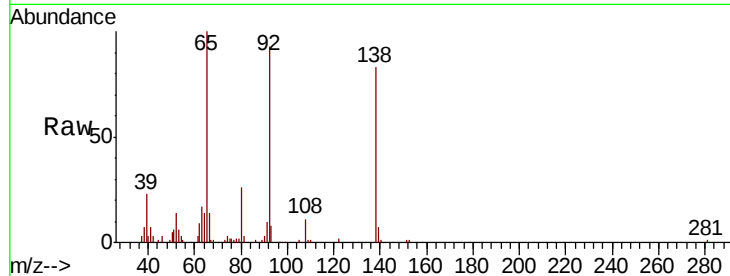
#53
3-Nitroaniline
Concen: 24.277 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.7	9.8	14.6
92	112.5	95.8	143.6

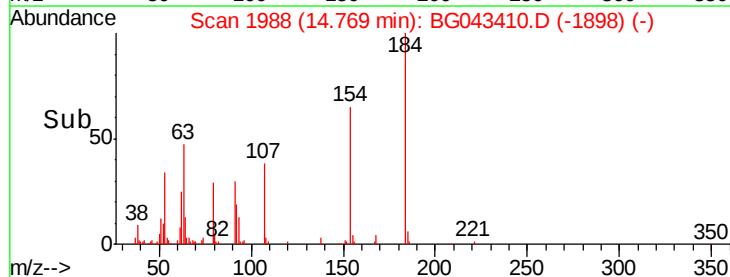
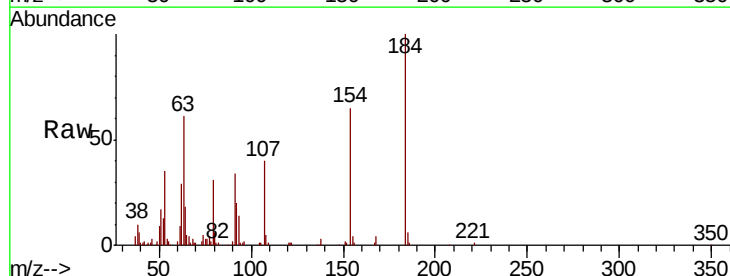
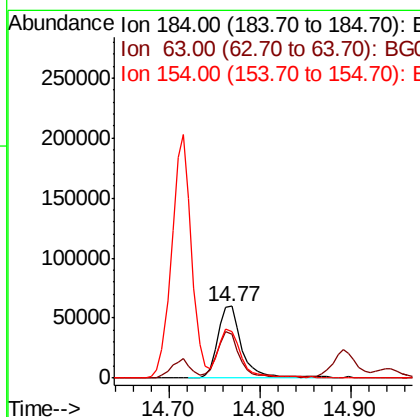
Manual Integrations
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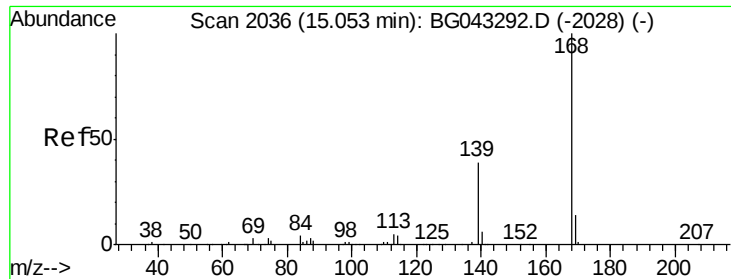
mohammad
10/31/2019 2:52:03 PM



#54
2,4-Dinitrophenol
Concen: 82.119 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.5	48.8	73.2
154	64.7	49.4	74.0





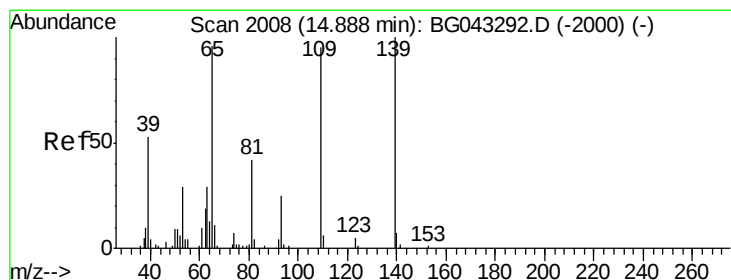
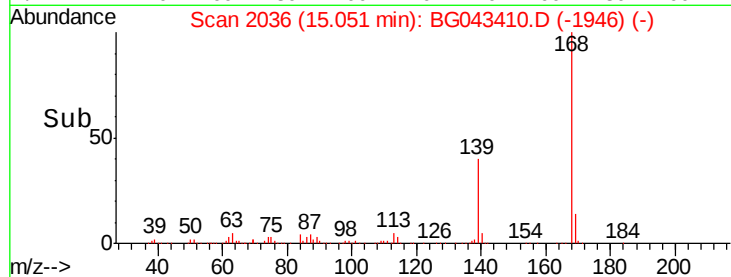
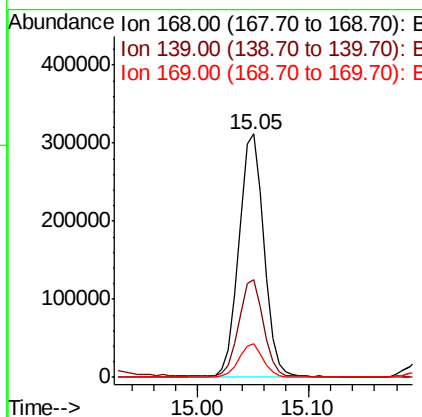
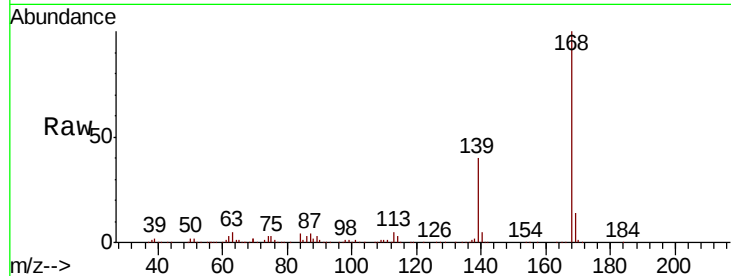
#55
Dibenzenofuran
Concen: 44.065 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	31.7	47.5
169	13.7	11.0	16.4

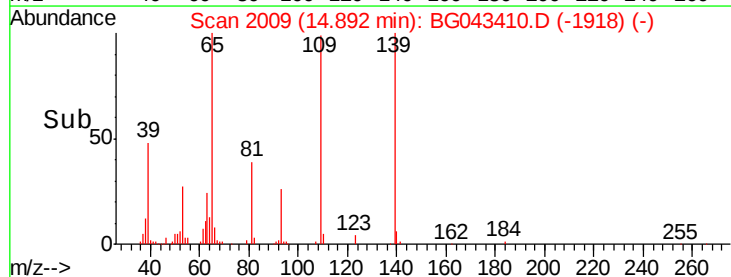
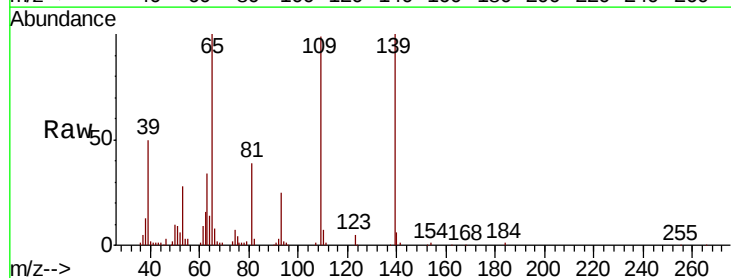
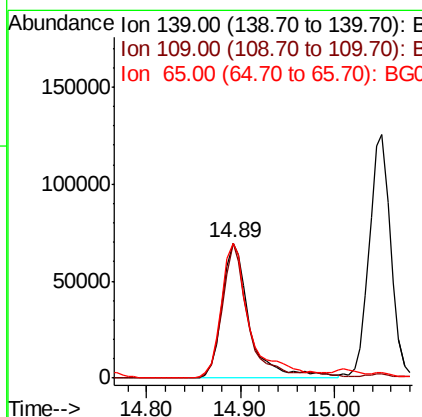
Manual Integrations
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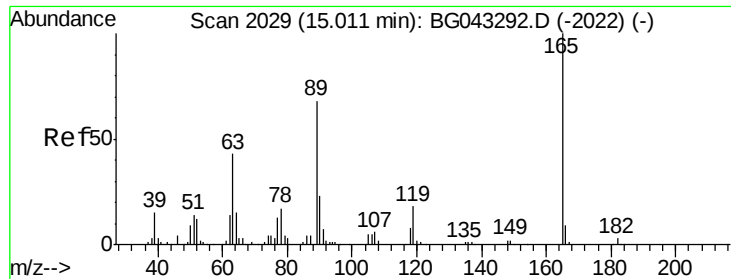
mohammad
10/31/2019 2:52:03 PM



#56
4-Nitrophenol
Concen: 103.116 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.7	75.4	115.4
65	100.3	76.6	116.6





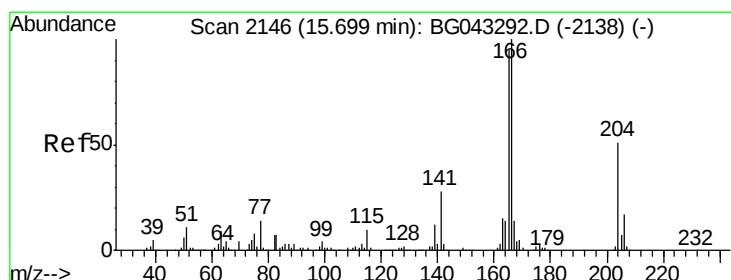
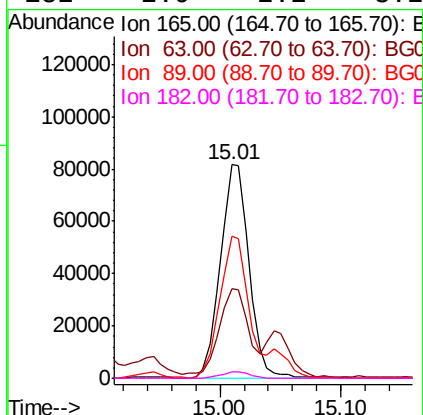
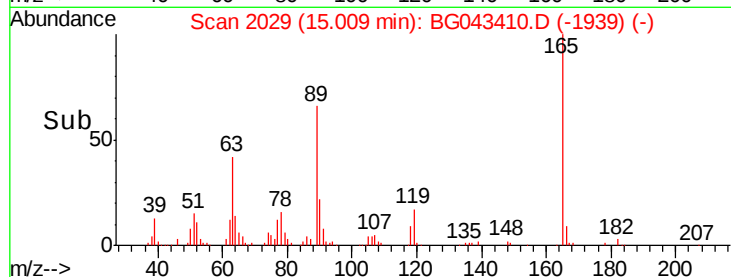
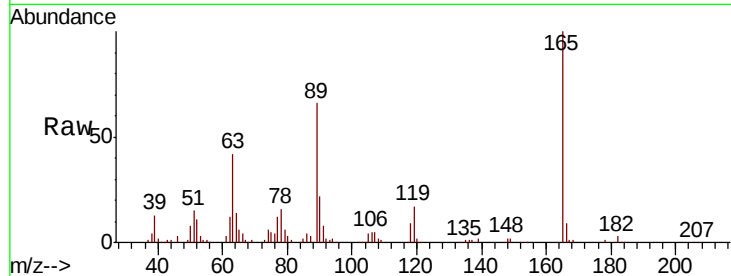
#57
2,4-Dinitrotoluene
Concen: 43.780 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		134083		
63	42.0	35.0	52.6		
89	66.4	54.1	81.1		
182	2.9	2.2	3.2		

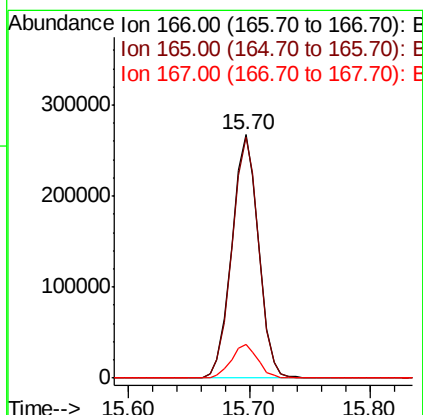
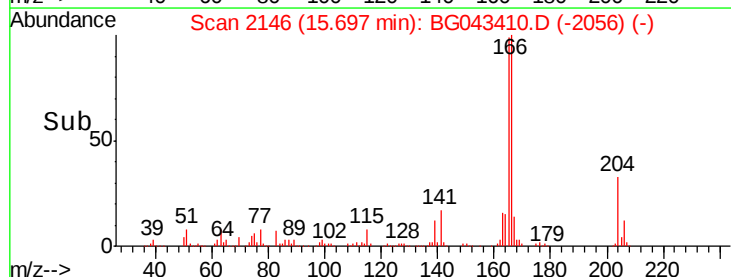
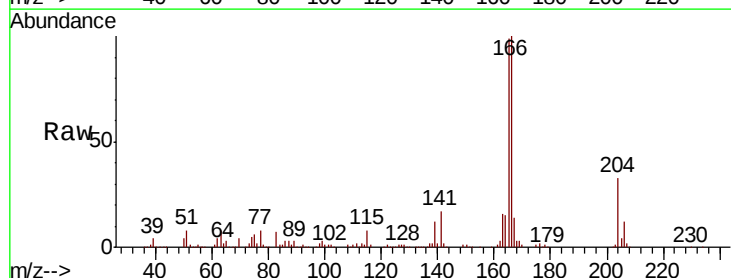
Manual Integrations
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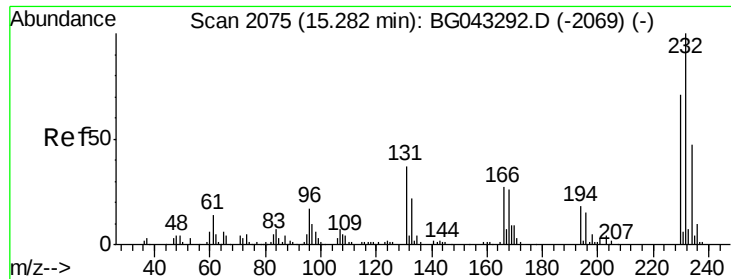
mohammad
10/31/2019 2:52:03 PM



#58
Fluorene
Concen: 43.322 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		412262		
165	98.9	76.4	114.6		
167	14.1	11.1	16.7		





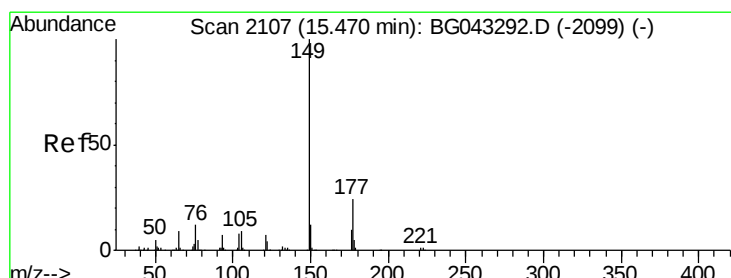
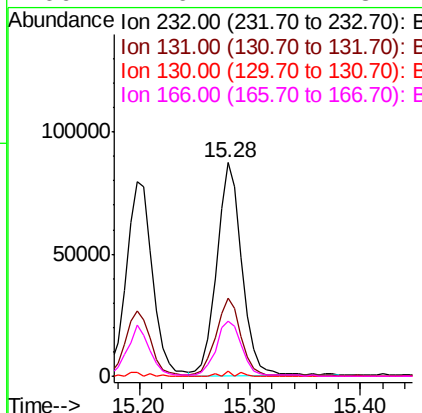
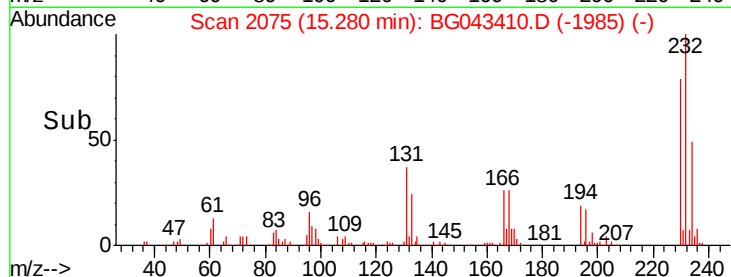
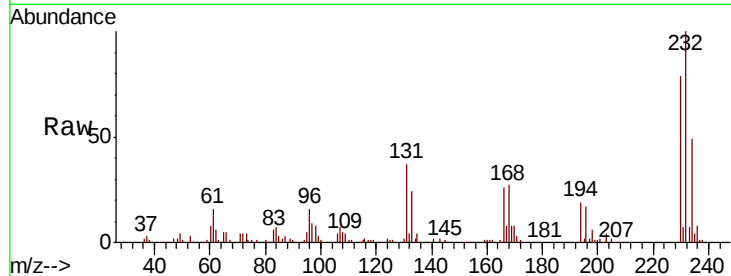
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.032 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.6	28.7	43.1
130	1.5	0.6	0.8
166	27.6	21.1	31.7

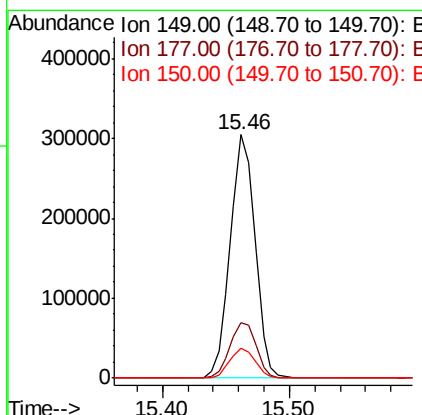
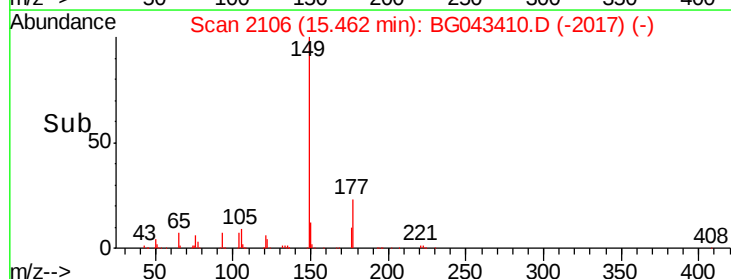
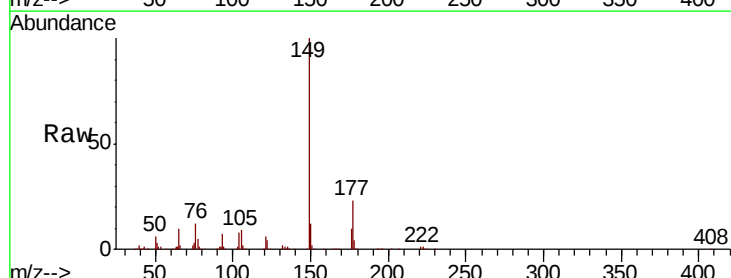
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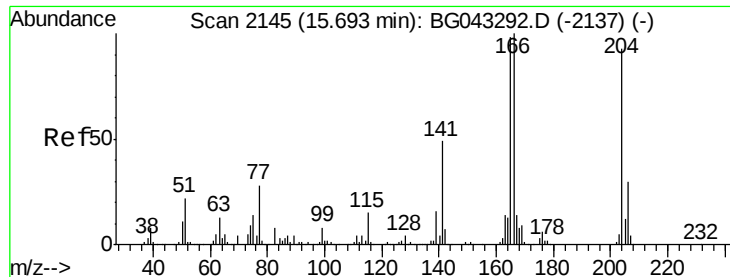
mohammad
 10/31/2019 2:52:03 PM



#60
 Diethylphthalate
 Concen: 41.618 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.0	28.4
150	12.1	9.4	14.0





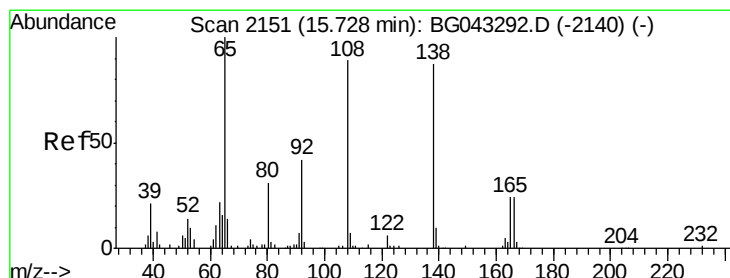
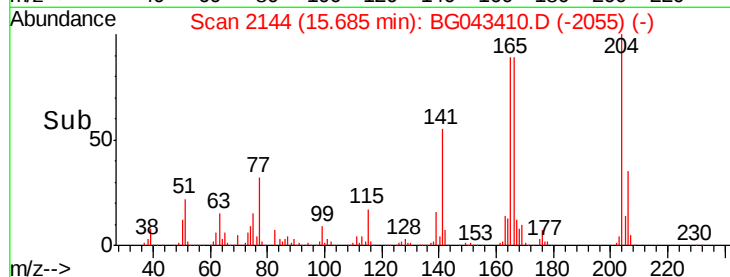
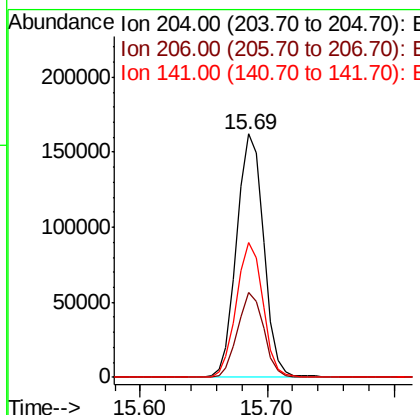
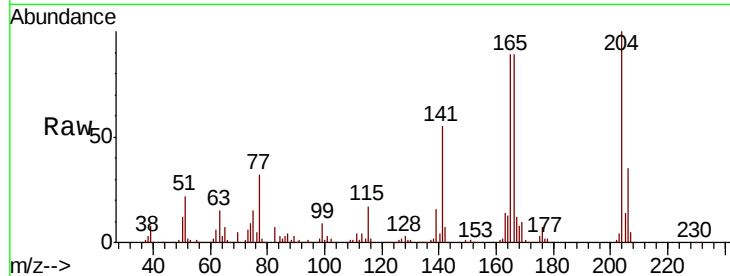
#61
 4-Chlorophenyl-phenylether
 Concen: 43.048 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	25.7	38.5
141	55.5	42.3	63.5

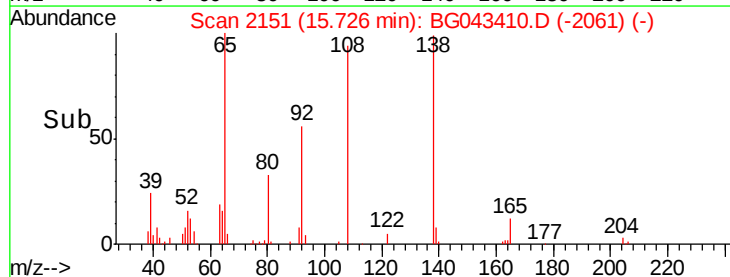
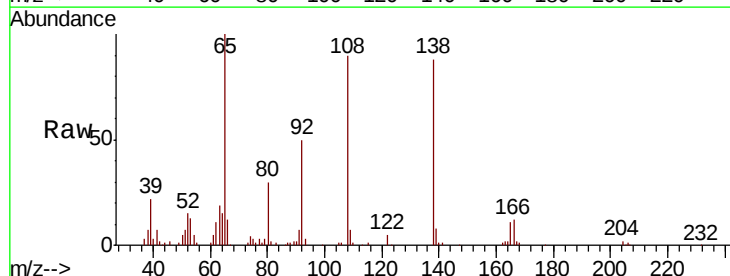
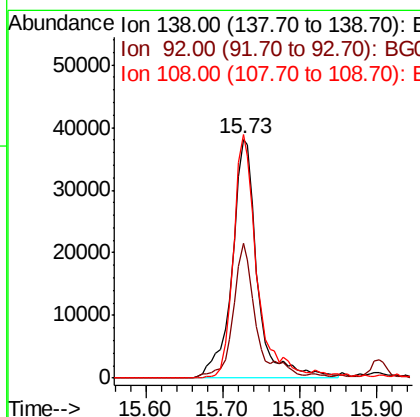
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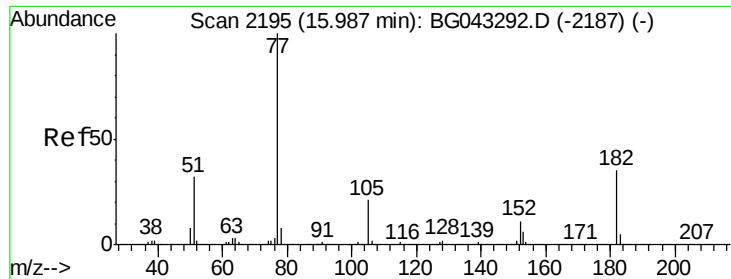
mohammad
 10/31/2019 2:52:03 PM



#62
 4-Nitroaniline
 Concen: 40.755 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.3	28.8	68.8
108	102.0	82.7	122.7





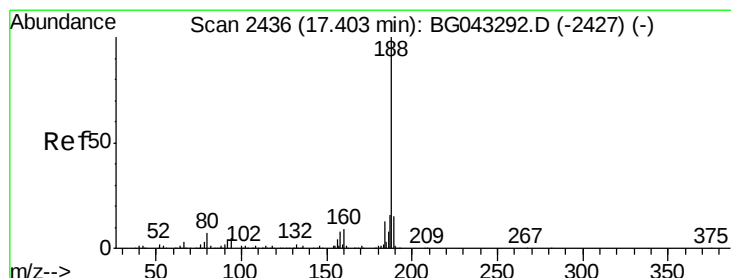
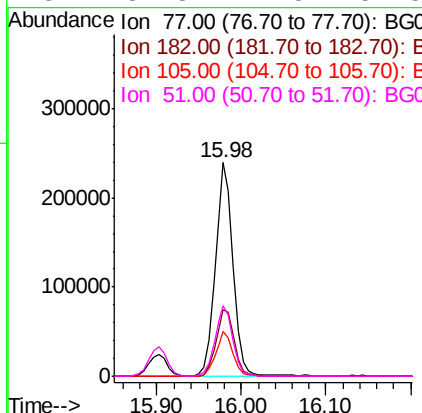
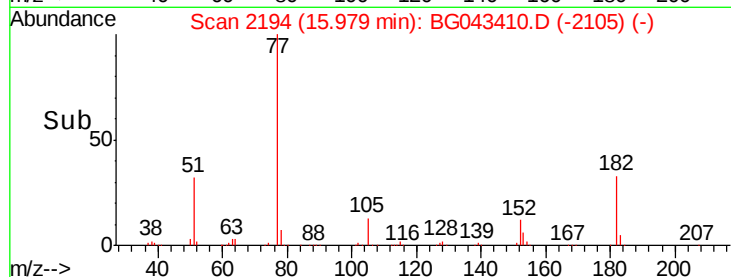
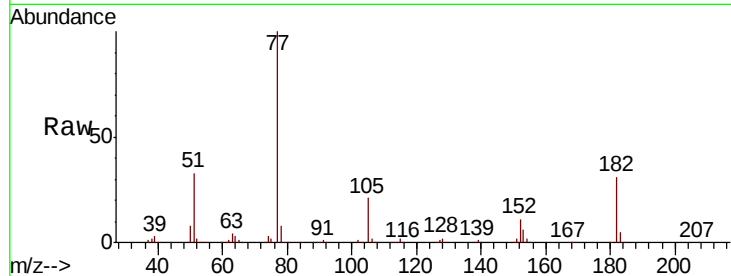
#63
Azobenzene
Concen: 43.657 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.2	14.9	54.9	
105	20.8	0.6	40.6	
51	32.8	12.5	52.5	

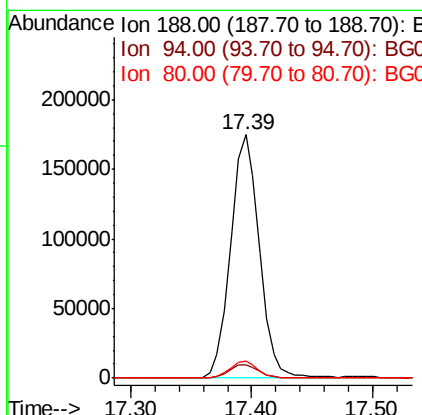
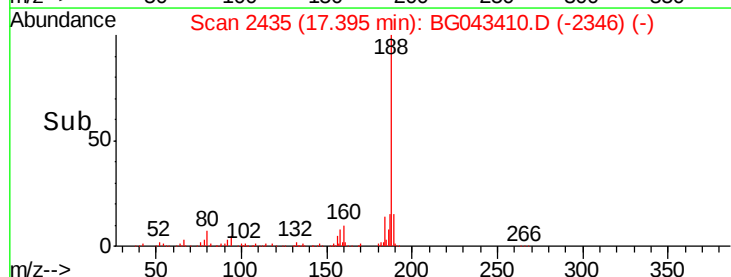
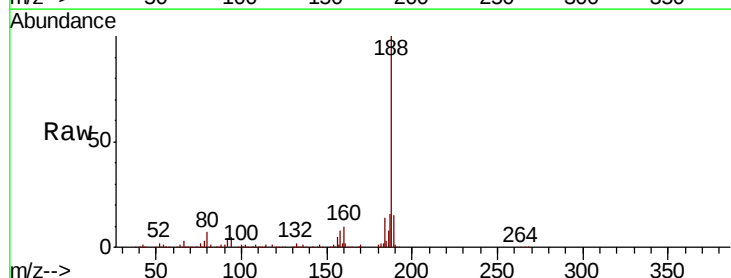
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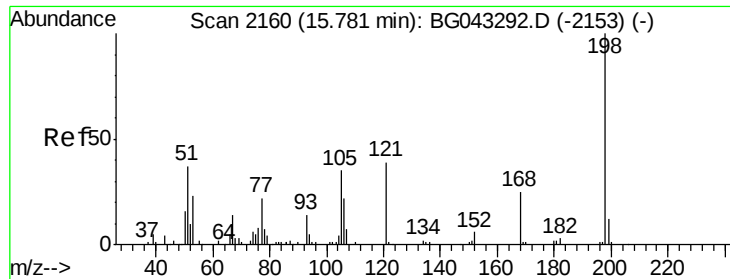
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.3	4.2	6.2	
80	7.0	5.2	7.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 48.807 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

184-40-(0-2)MSD

Tot Ion:198 Resp: 83376

Ion Ratio Lower Upper

198 100

51 41.2 21.4 61.4

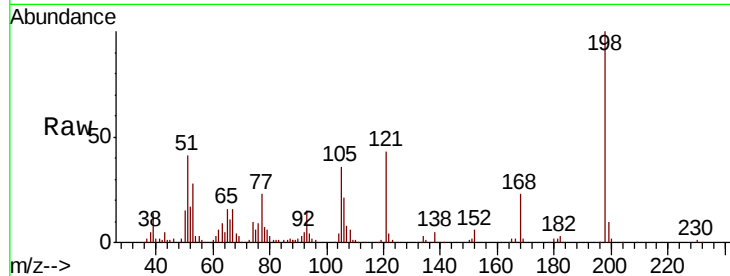
105 35.9 16.5 56.5

Manual Integrations

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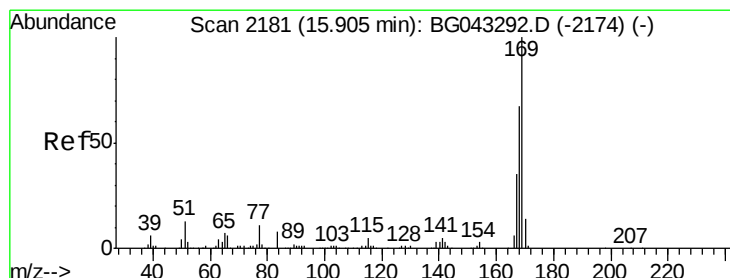
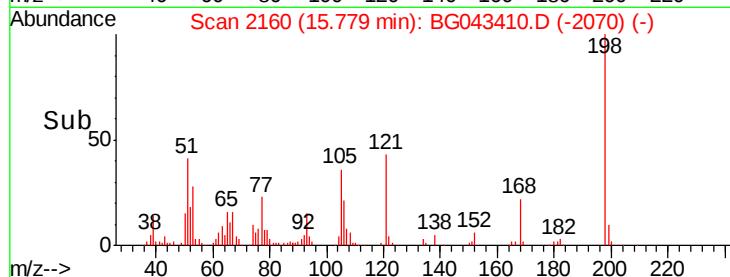
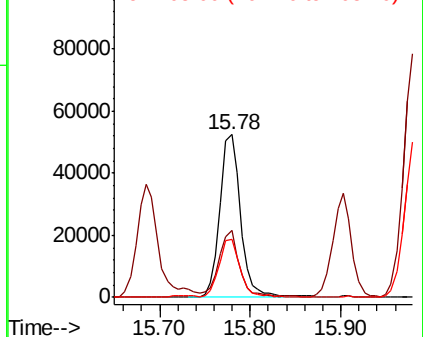
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.376 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

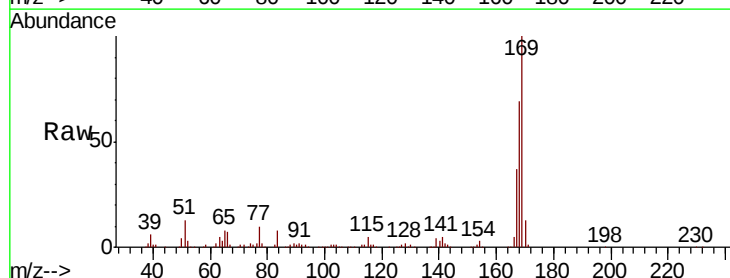
Tgt Ion:169 Resp: 371866

Ion Ratio Lower Upper

169 100

168 69.4 53.9 80.9

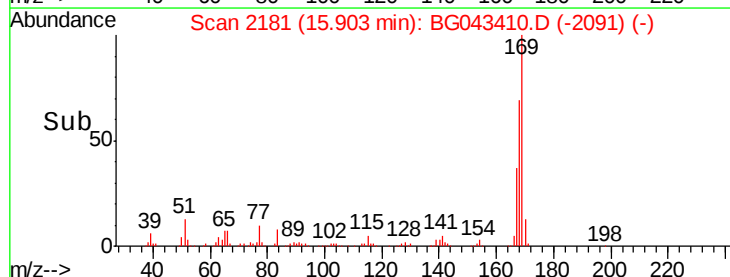
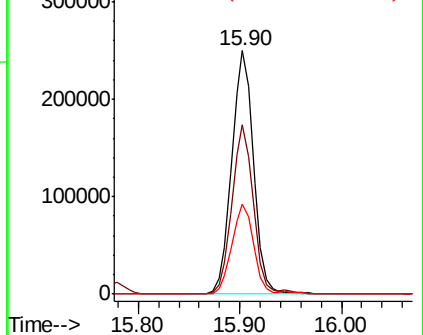
167 37.0 28.3 42.5

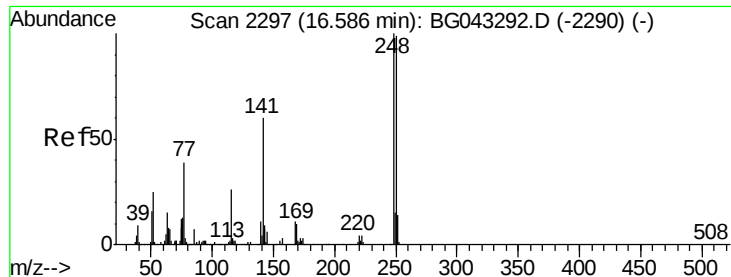


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





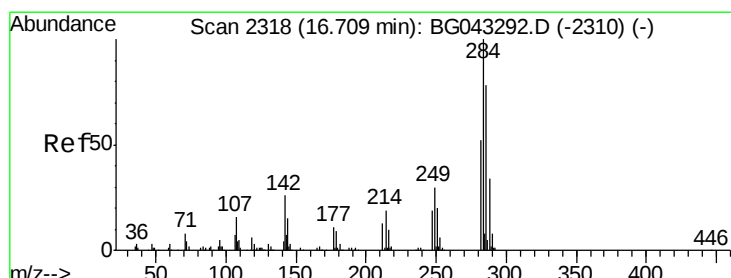
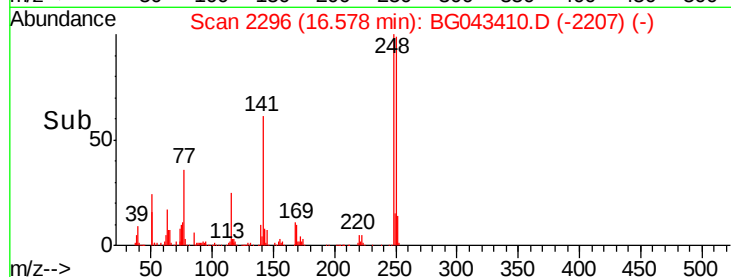
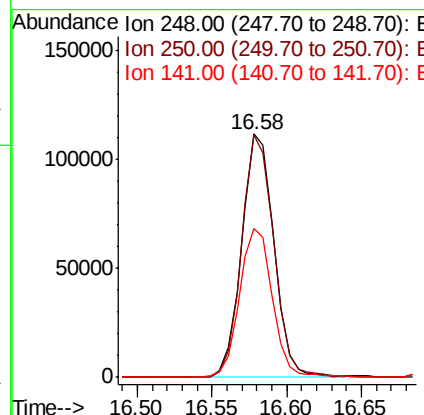
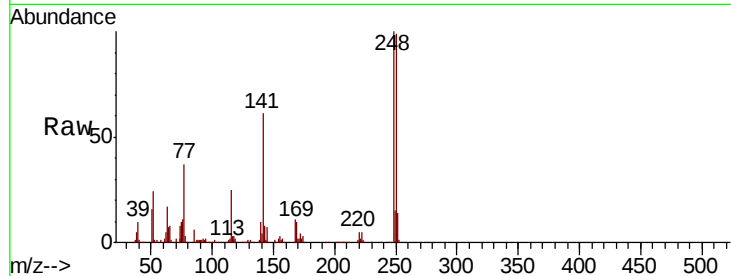
#67
4-Bromophenyl-phenylether
Concen: 43.106 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	79.3	118.9
141	61.3	47.9	71.9

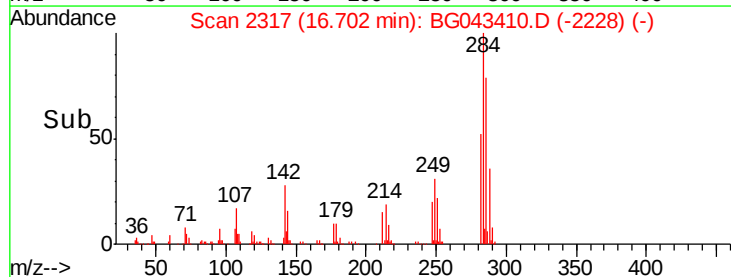
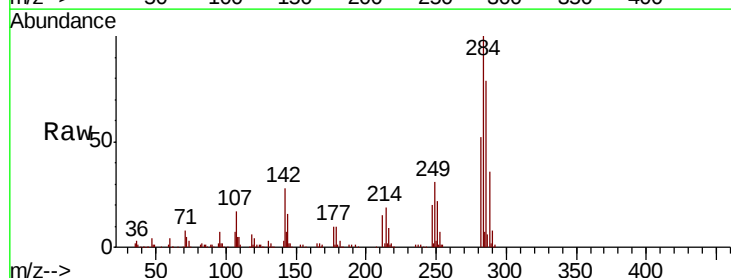
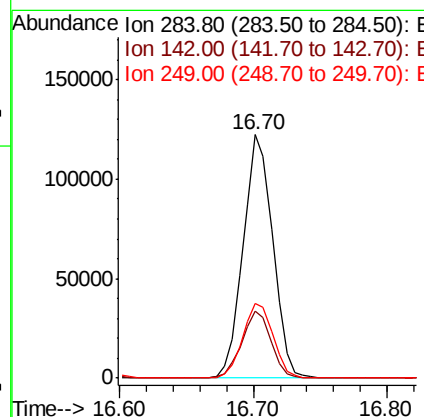
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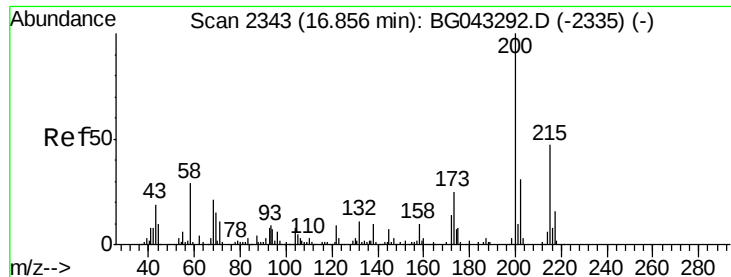
mohammad
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#68
Hexachlorobenzene
Concen: 41.720 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.6	21.1	31.7
249	30.5	24.4	36.6





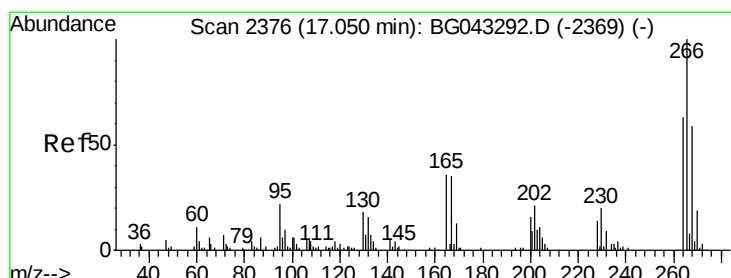
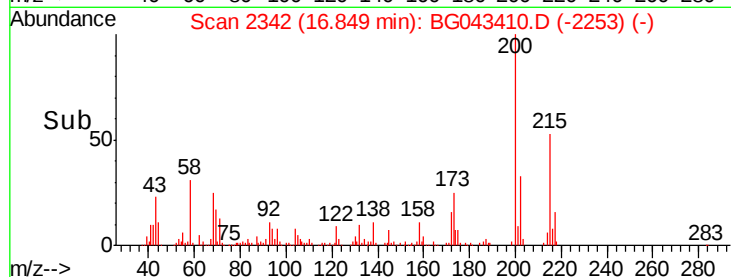
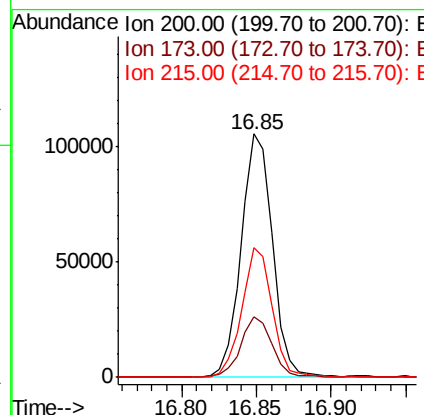
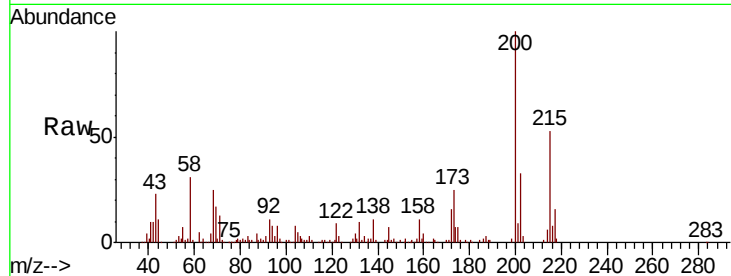
#69
Atrazine
Concen: 54.066 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	153961		
173	25.1	5.1	45.1	
215	53.5	26.6	66.6	

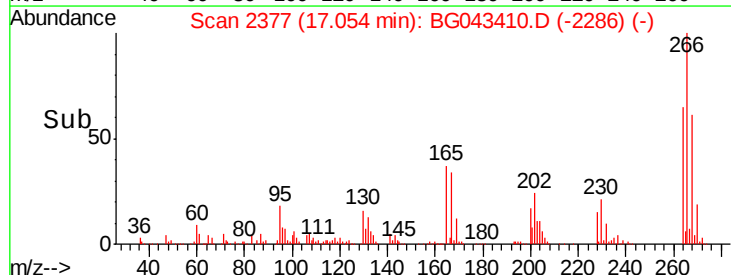
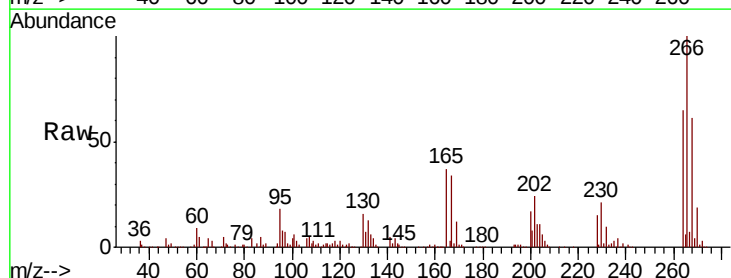
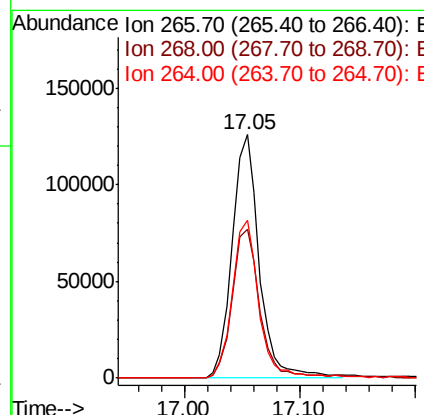
Manual Integrations
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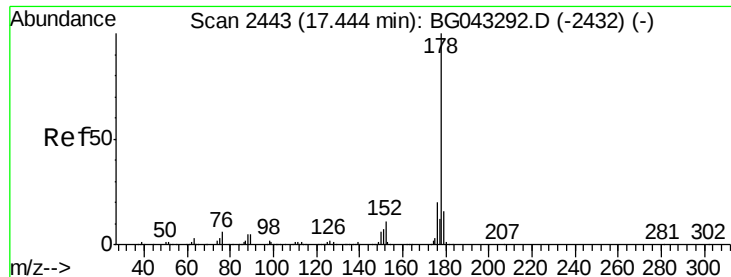
mohammad
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#70
Pentachlorophenol
Concen: 100.593 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	205534		
268	61.1	47.1	70.7	
264	64.7	50.4	75.6	





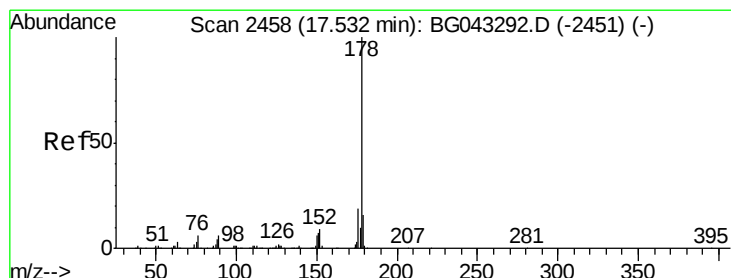
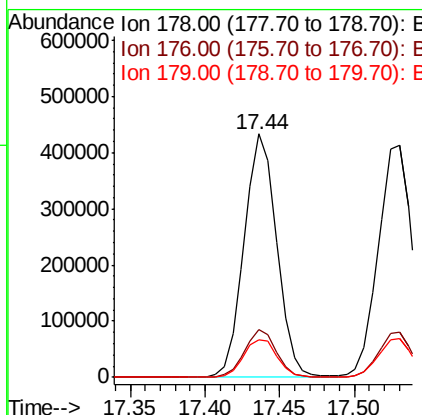
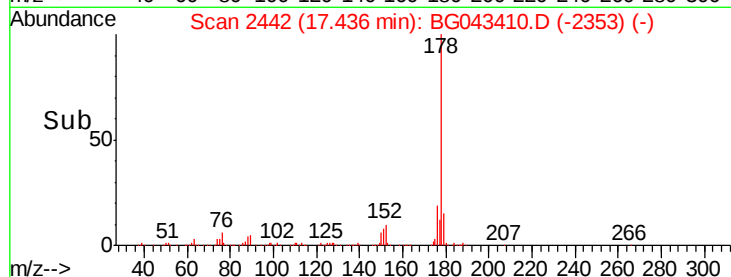
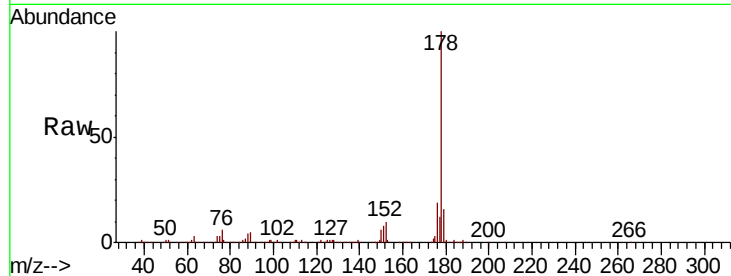
#71
Phenanthrene
Concen: 44.208 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.5	13.1	19.7

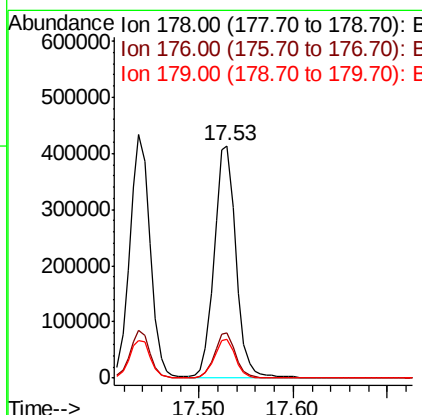
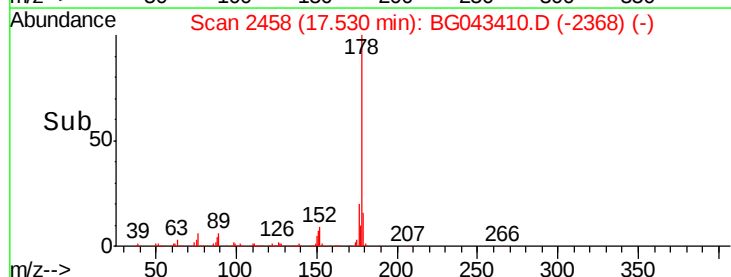
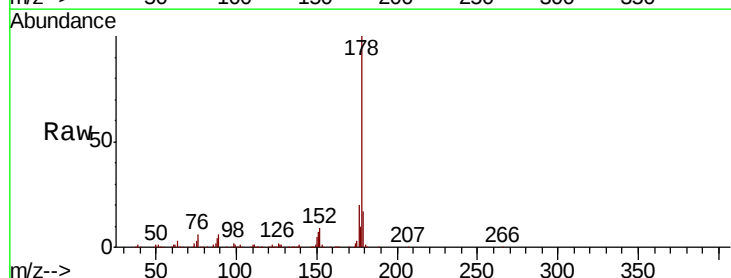
Manual Integrations
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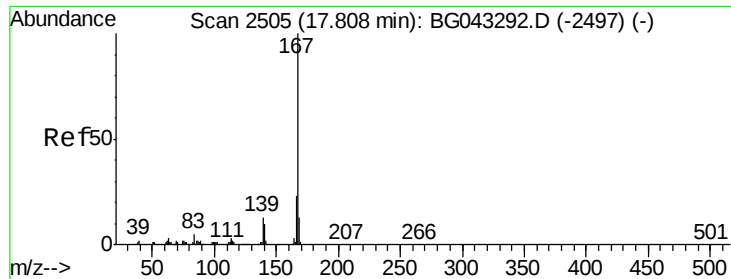
mohammad
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#72
Anthracene
Concen: 44.902 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	16.5	13.0	19.6





#73

Carbazole

Concen: 44.449 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

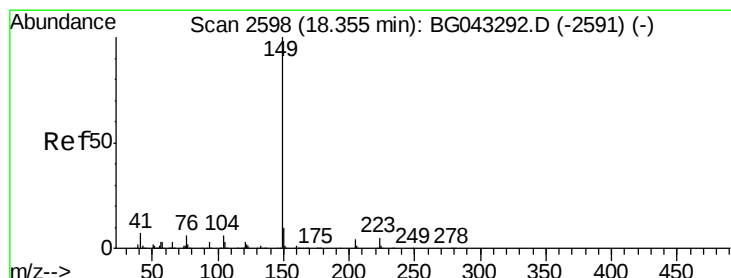
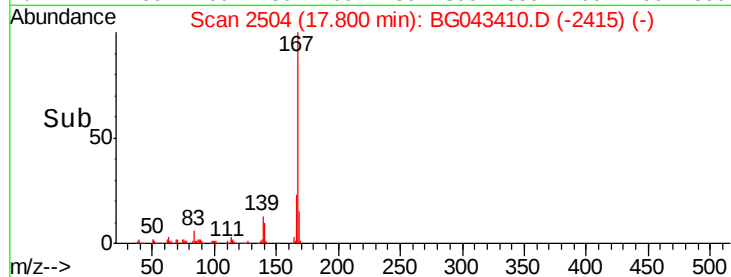
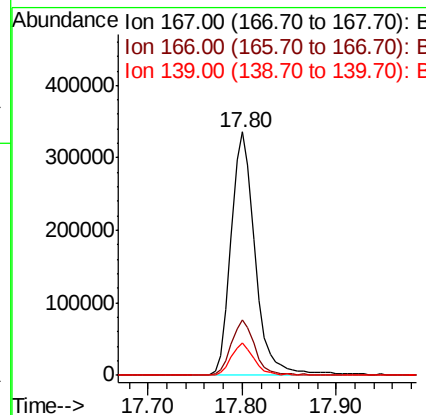
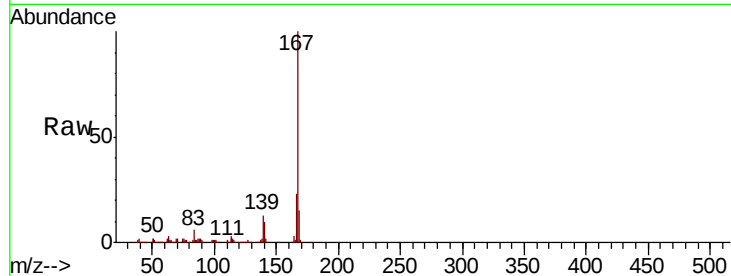
ClientSampleId :

184-40-(0-2)MSD

Tot Ion:	167	Resp:	598617
Ion Ratio	Lower	Upper	
167	100		
166	22.8	18.4	27.6
139	13.4	10.2	15.4

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 43.537 ng

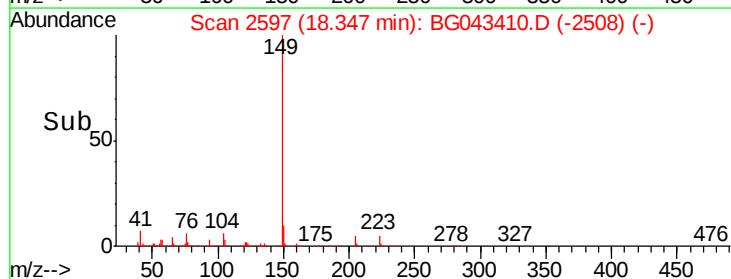
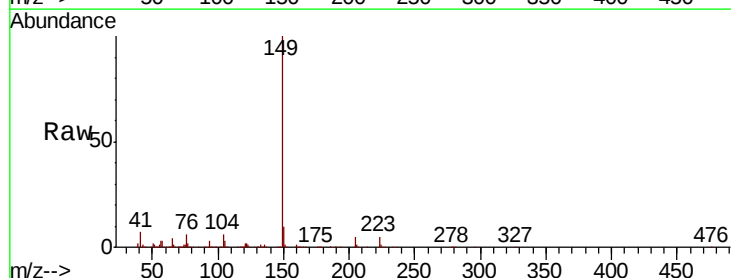
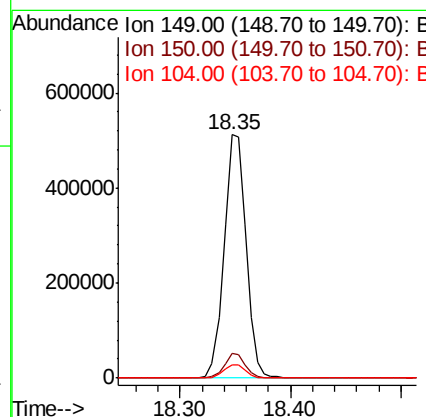
RT: 18.35 min Scan# 2597

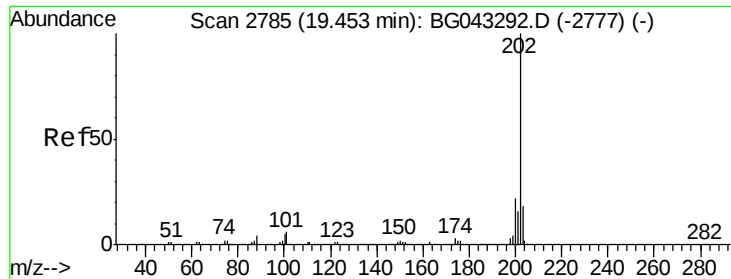
Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Tgt Ion:	149	Resp:	711433
Ion Ratio	Lower	Upper	
149	100		
150	10.1	8.0	12.0
104	5.6	4.7	7.1





#75

Fluoranthene

Concen: 44.207 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

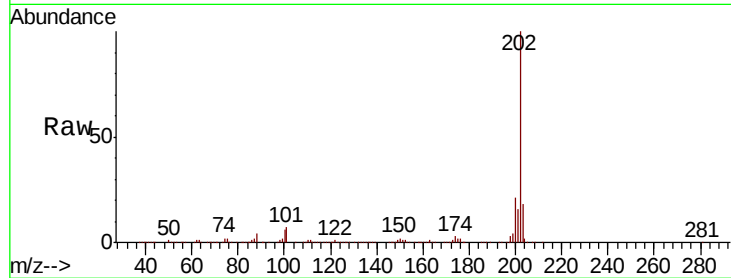
ClientSampleId :

184-40-(0-2)MSD

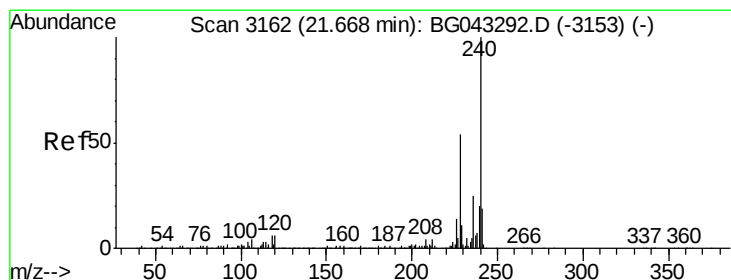
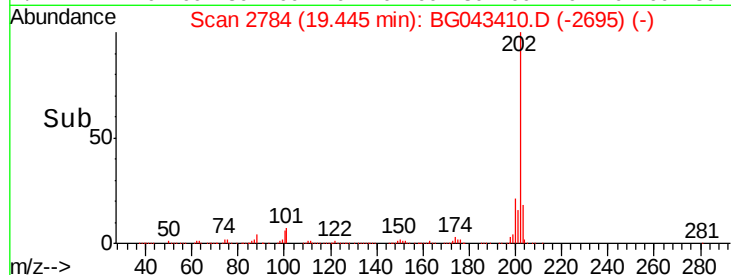
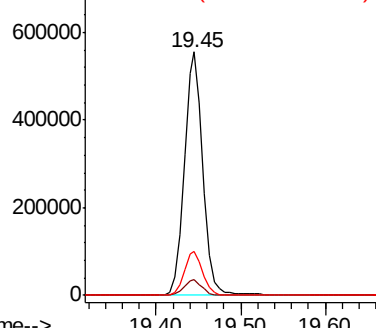
Tot Ion:	202	Resp:	856656
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	26.0
203	17.8	0.0	38.2

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



#76

Chrysene-d12

Concen: 20.000 ng

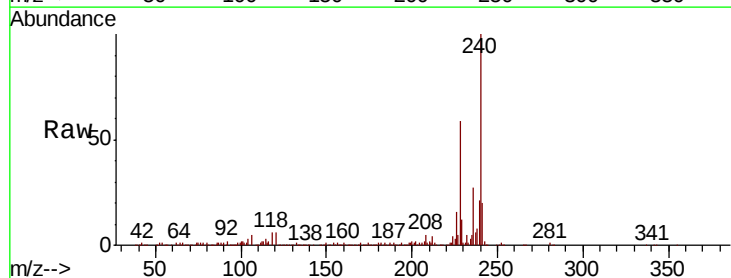
RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

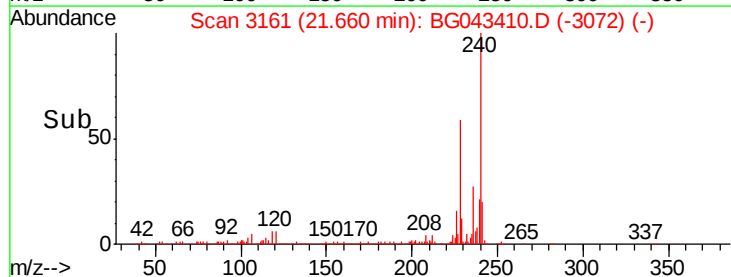
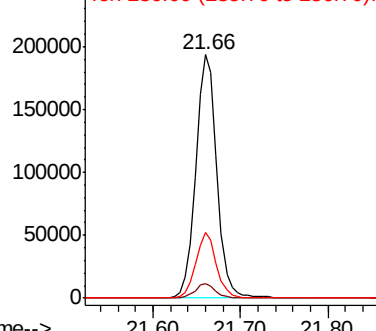
Lab File: BG043410.D

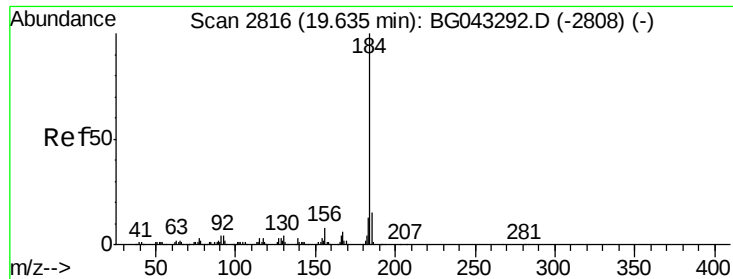
Acq: 30 Oct 2019 21:12

Tgt Ion:	240	Resp:	320053
Ion Ratio	Lower	Upper	
240	100		
120	5.9	4.6	7.0
236	27.0	20.2	30.4



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





#77

Benzidine

Concen: 35.085 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

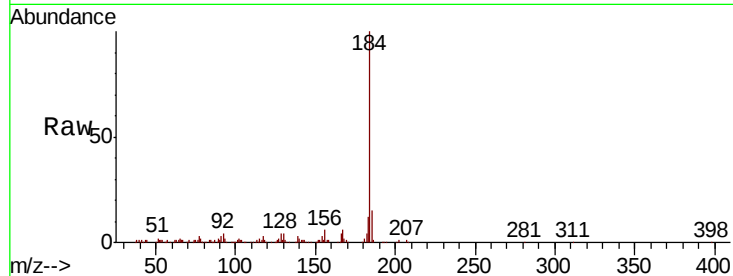
ClientSampleId :

184-40-(0-2)MSD

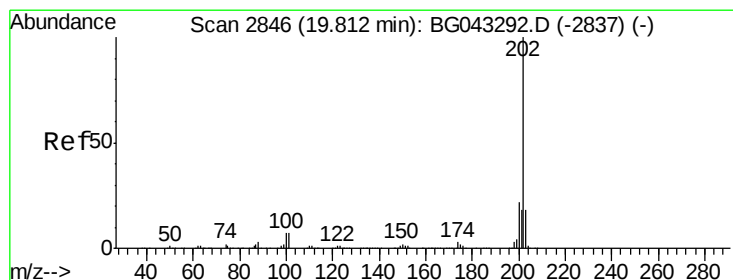
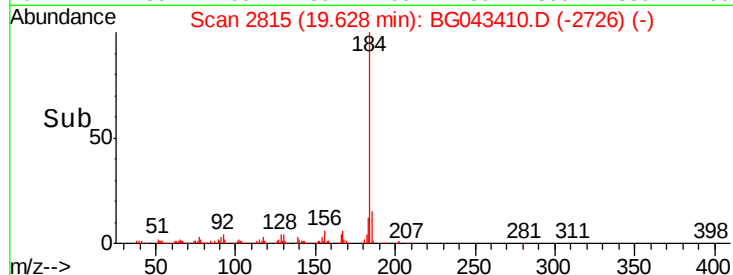
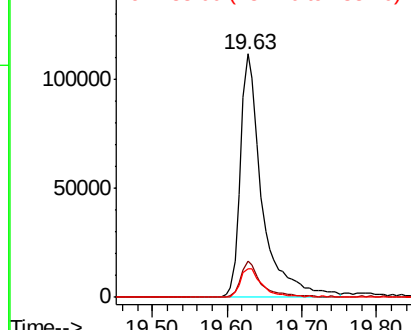
Tot Ion:	184	Resp:	225988
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.8	17.6
183	12.0	10.6	16.0

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



#78

Pyrene

Concen: 44.203 ng

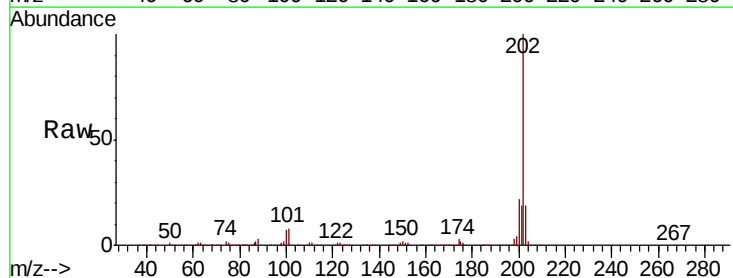
RT: 19.80 min Scan# 2845

Delta R.T. -0.01 min

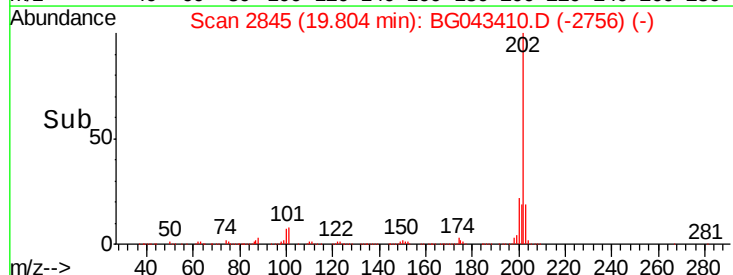
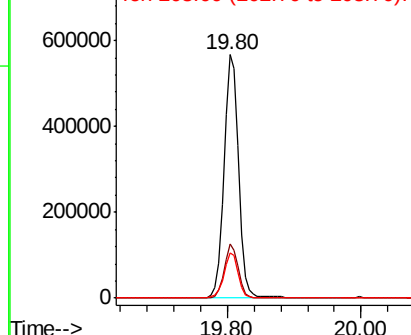
Lab File: BG043410.D

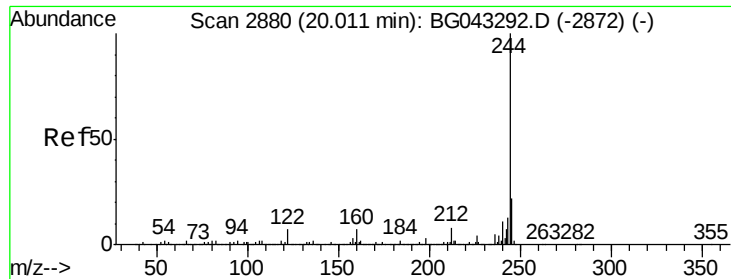
Acq: 30 Oct 2019 21:12

Tgt Ion:	202	Resp:	875691
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.3	25.9
203	18.8	14.5	21.7



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





#79

Terphenyl-d14

Concen: 54.408 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

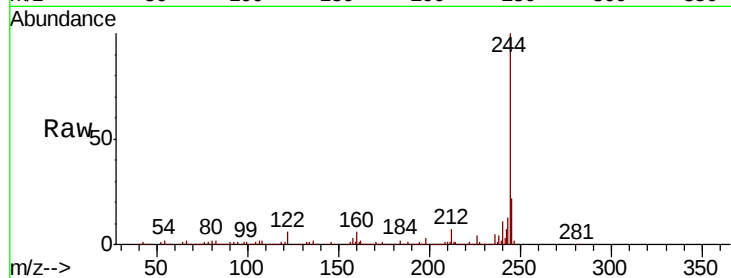
ClientSampleId :

184-40-(0-2)MSD

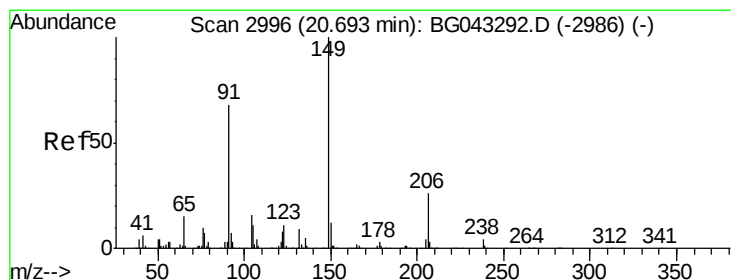
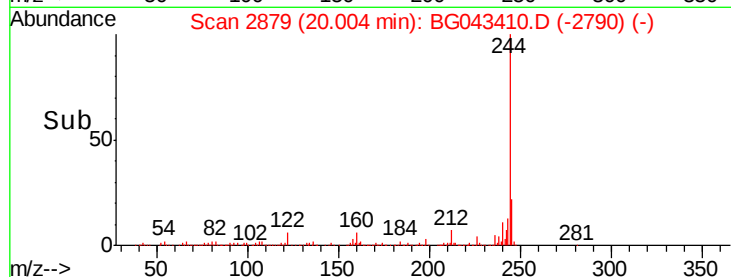
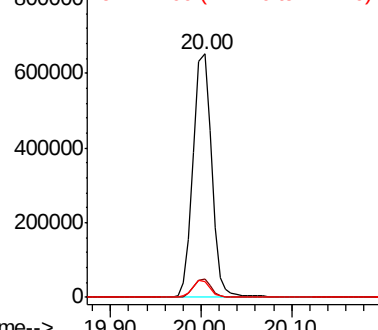
Tot Ion:	244	Resp:	928197
Ion Ratio		Lower	Upper
244	100		
212	7.5	6.4	9.6
122	6.4	5.3	7.9

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.972 ng

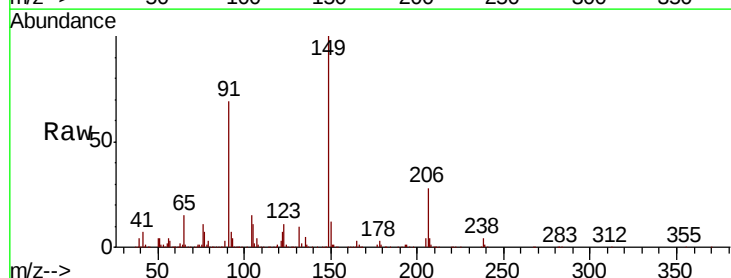
RT: 20.69 min Scan# 2995

Delta R.T. -0.01 min

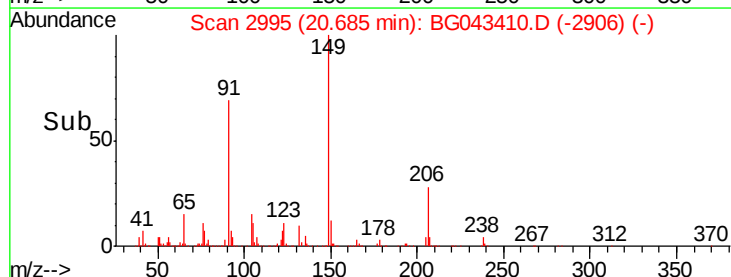
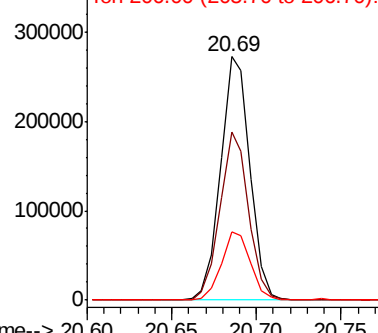
Lab File: BG043410.D

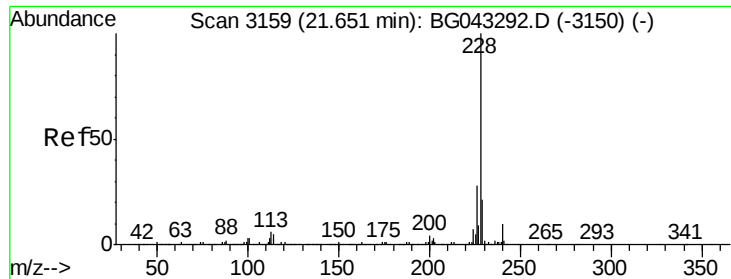
Acq: 30 Oct 2019 21:12

Tgt Ion:	149	Resp:	330032
Ion Ratio		Lower	Upper
149	100		
91	68.8	54.6	82.0
206	27.9	20.5	30.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





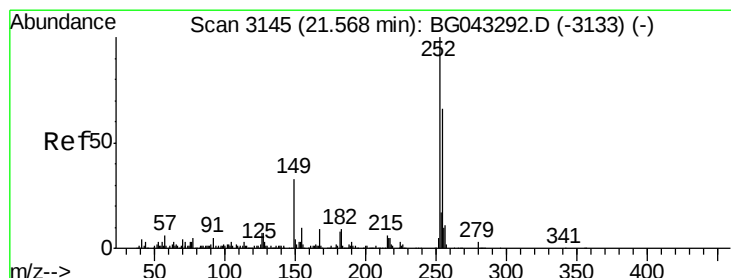
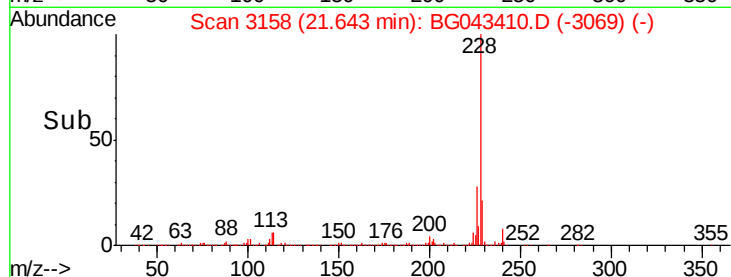
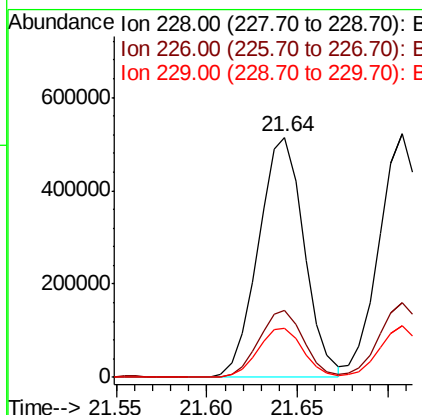
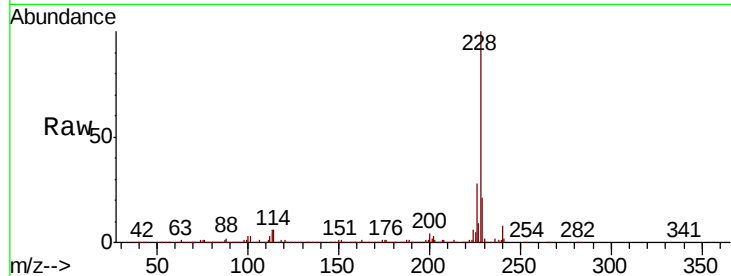
#81
Benzo(a)anthracene
Concen: 44.971 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.4
229	20.7	16.9	25.3

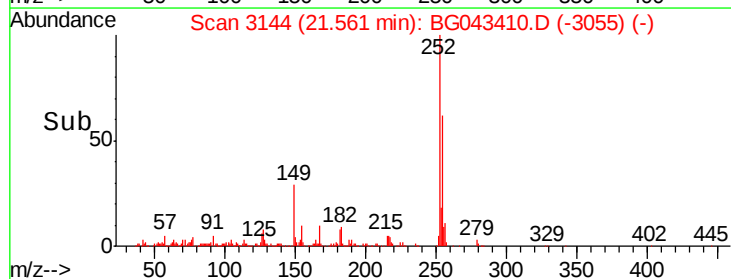
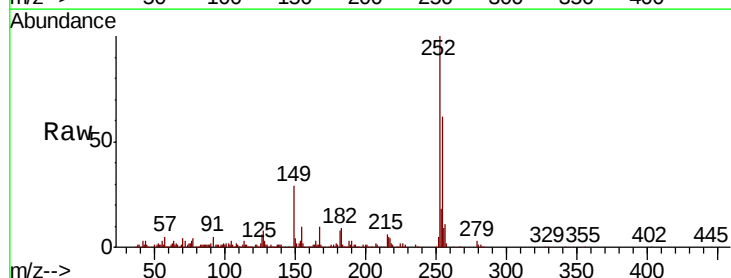
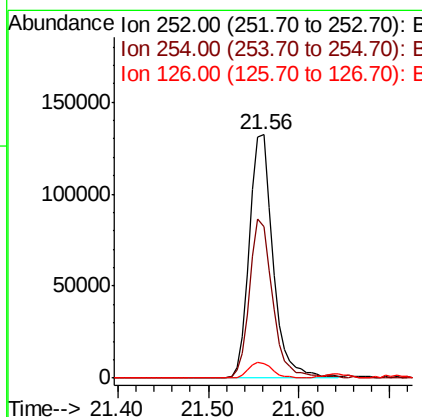
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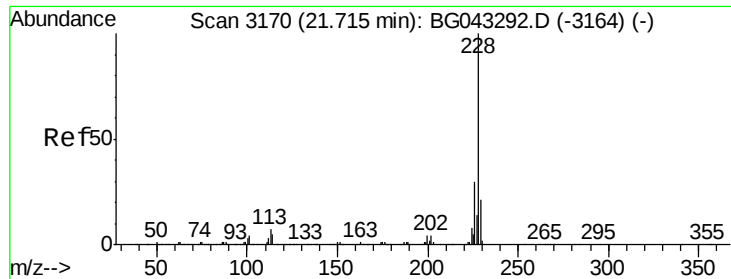
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#82
3,3'-Dichlorobenzidine
Concen: 30.909 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.1	52.7	79.1
126	6.0	5.6	8.4





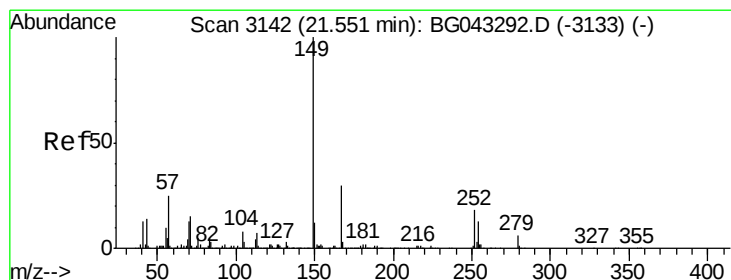
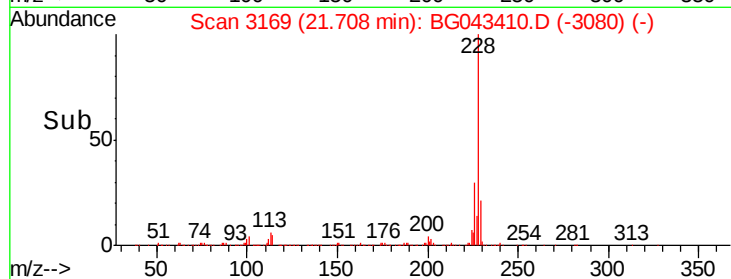
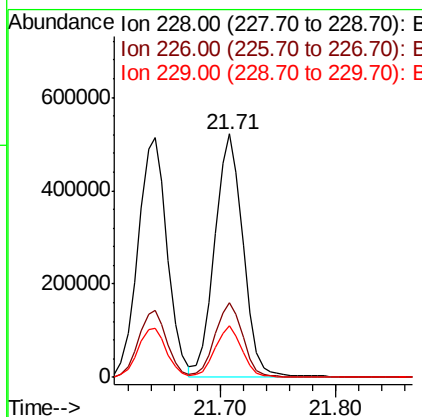
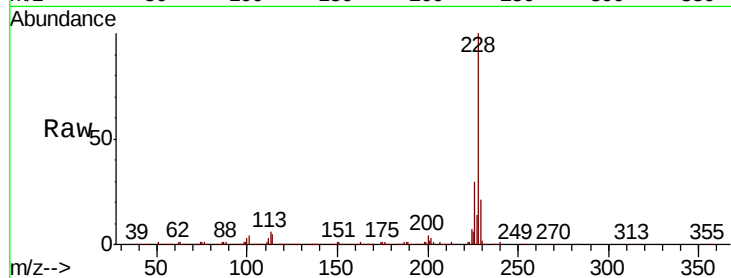
#83
 Chrysene
 Concen: 44.194 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	21.0	16.3	24.5

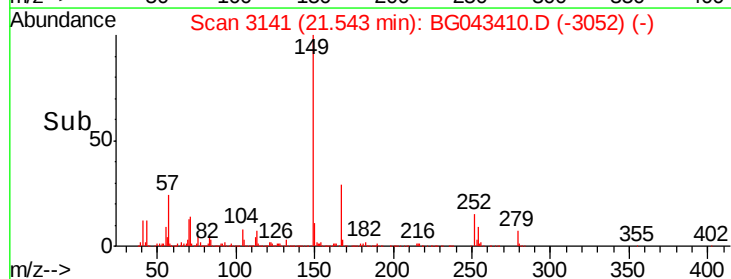
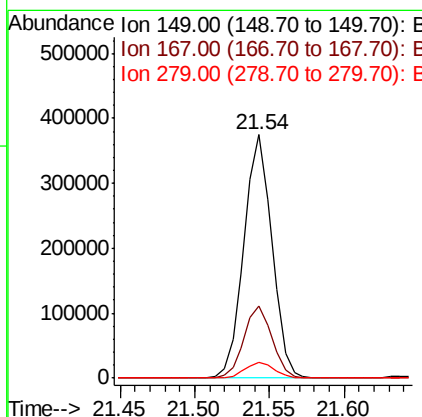
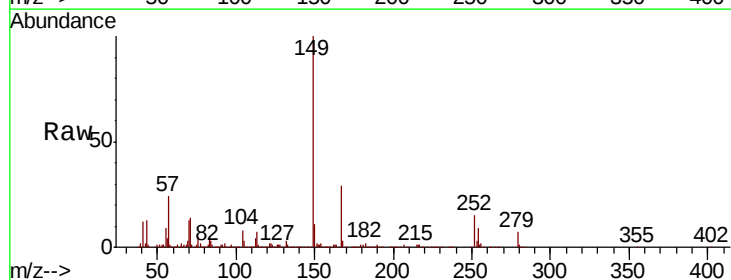
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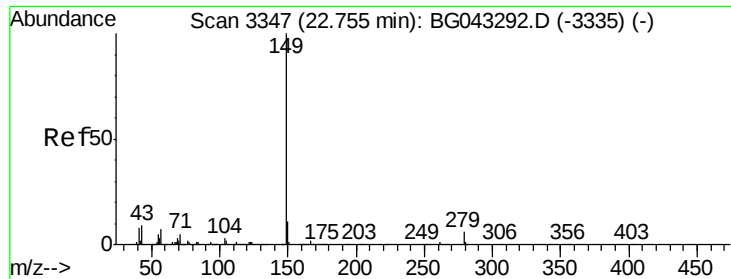
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.554 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.9	35.9
279	6.6	4.8	7.2





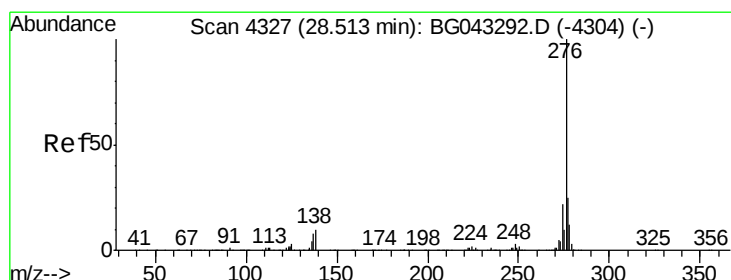
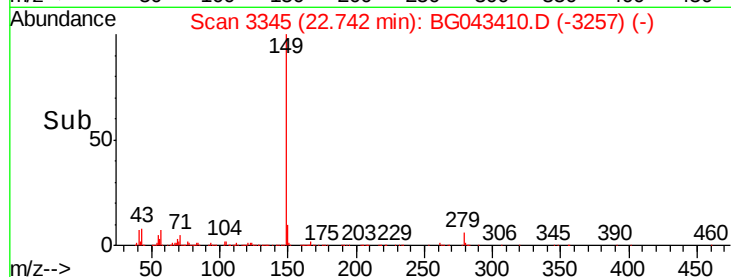
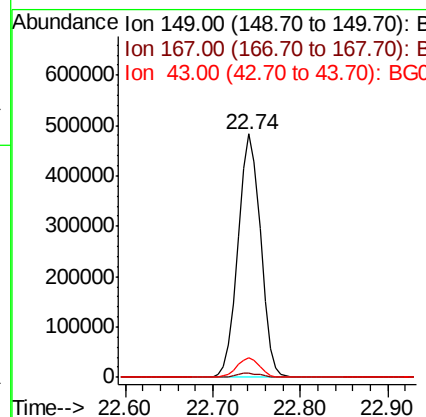
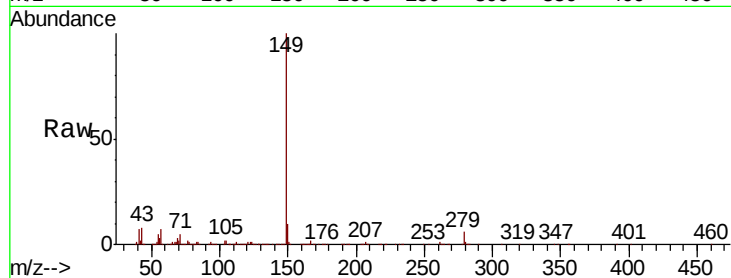
#85
Di-n-octyl phthalate
Concen: 46.345 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8		1.4	2.0
43	8.1		6.9	10.3

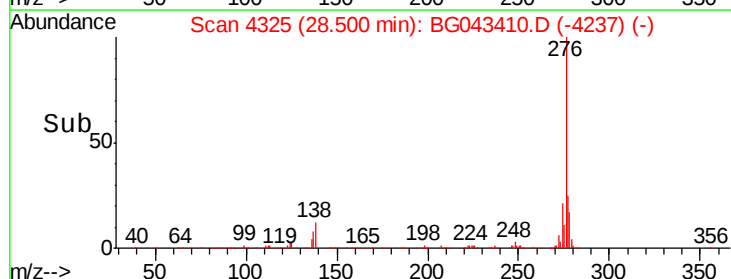
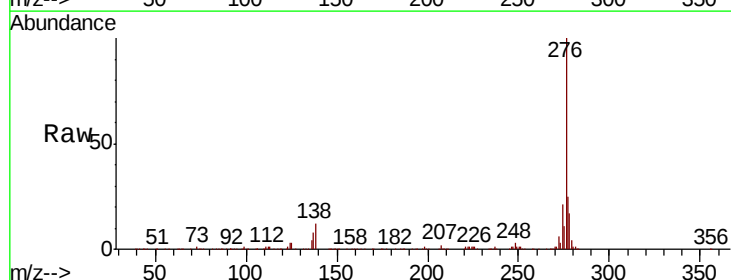
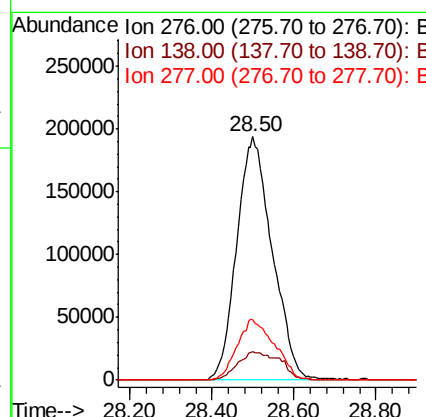
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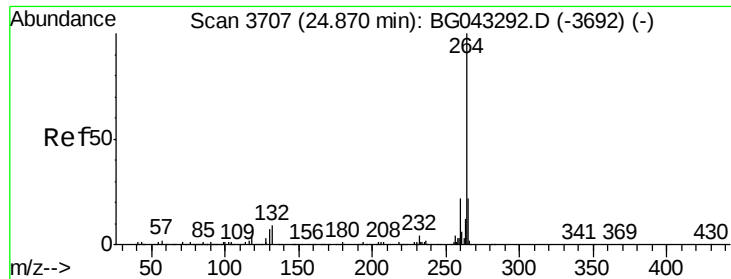
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.668 ng
RT: 28.50 min Scan# 4325
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	14.0		7.2	10.8#
277	26.5		20.9	31.3





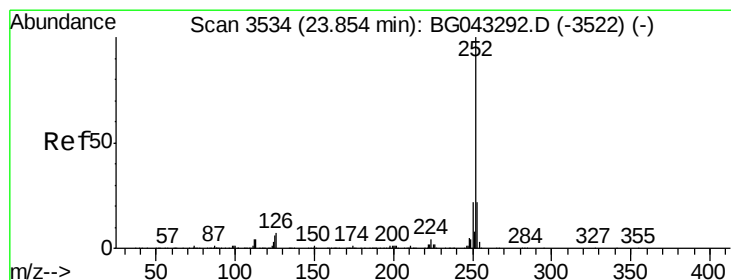
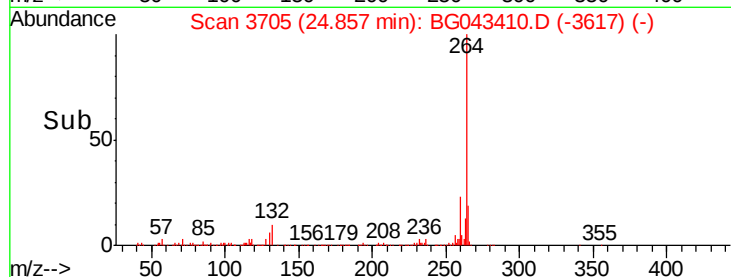
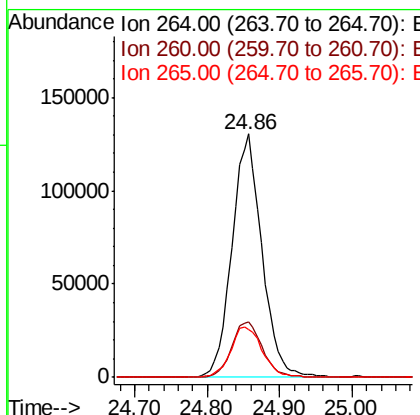
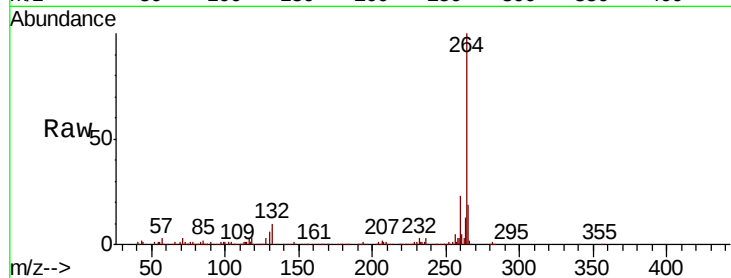
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.9	26.9
265	19.4	17.4	26.2

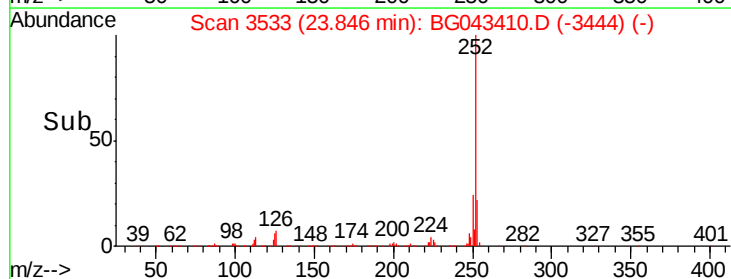
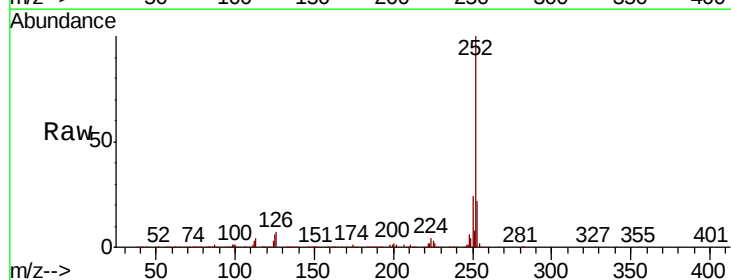
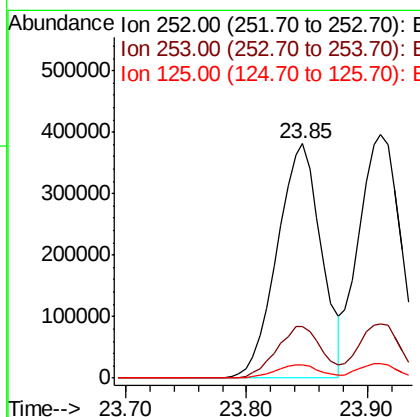
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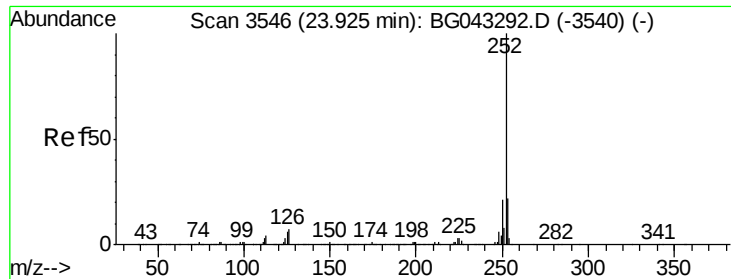
mohammad
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#88
Benzo(b)fluoranthene
Concen: 45.447 ng
RT: 23.85 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	5.6	5.0	7.6





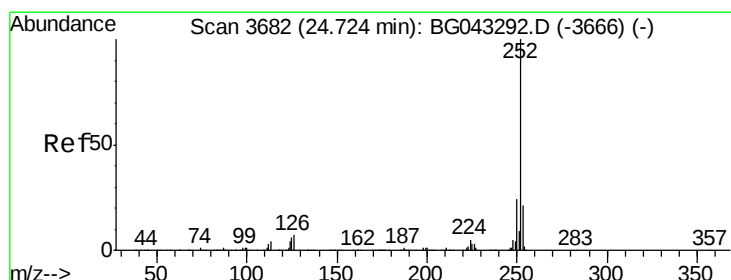
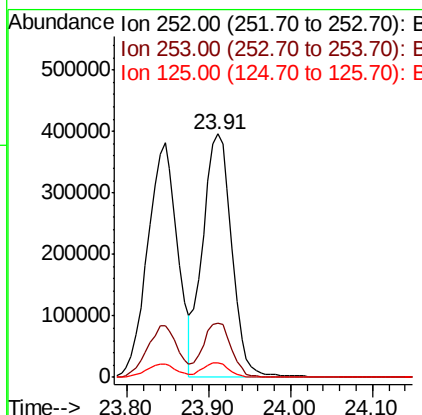
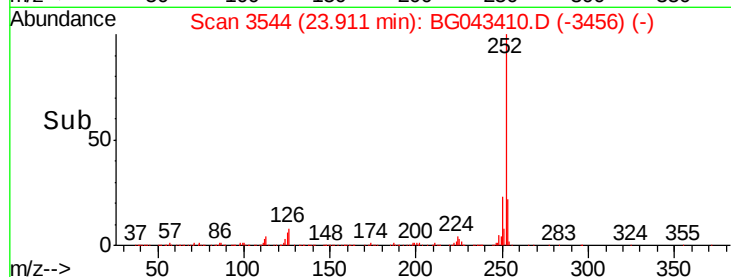
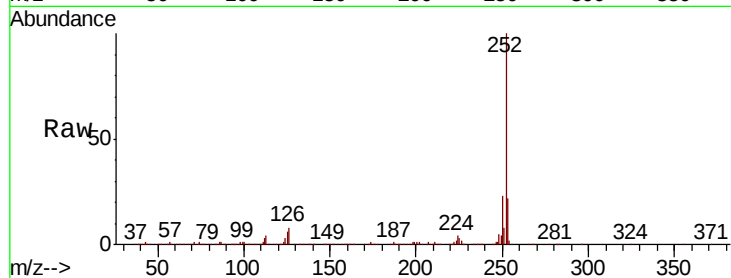
#89
Benzo(k)fluoranthene
Concen: 45.629 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	6.1	4.5	6.7

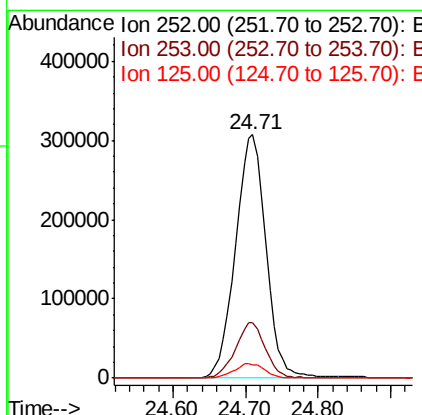
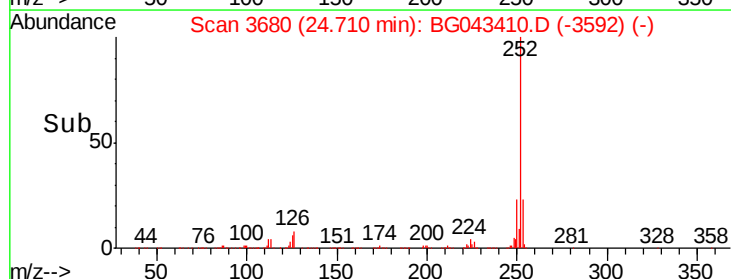
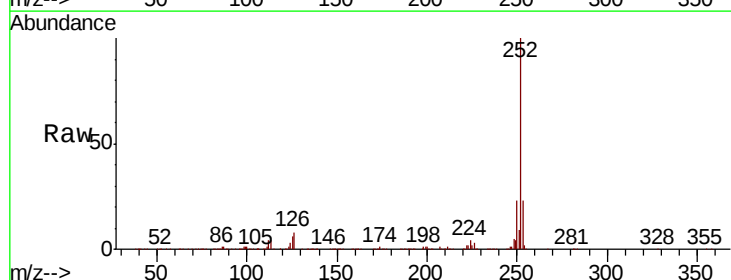
Manual Integrations
APPROVED

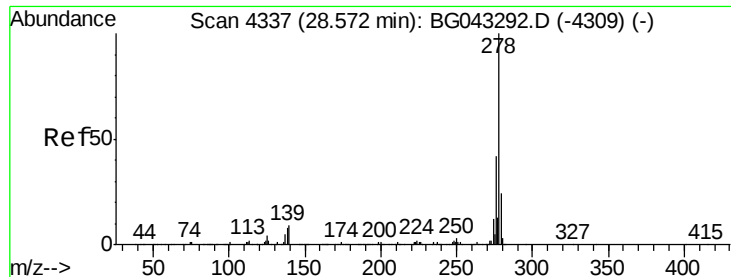
mohammad
10/31/2019 2:52:03 PM



#90
Benzo(a)pyrene
Concen: 44.372 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	5.6	5.0	7.6





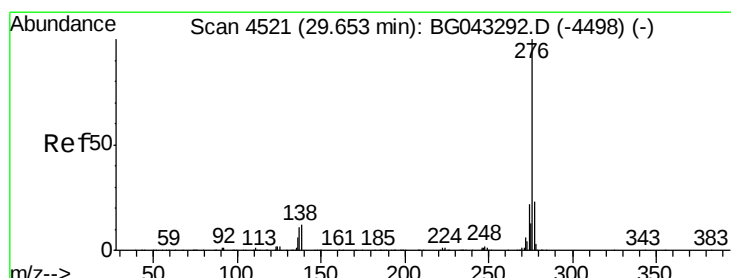
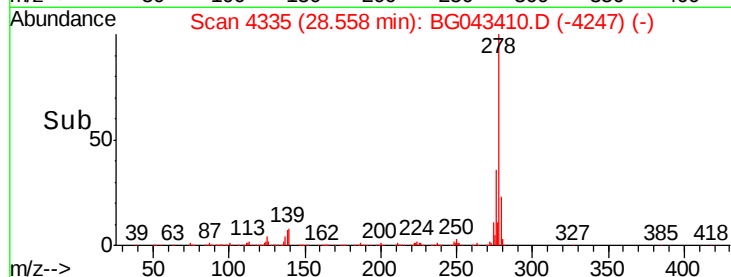
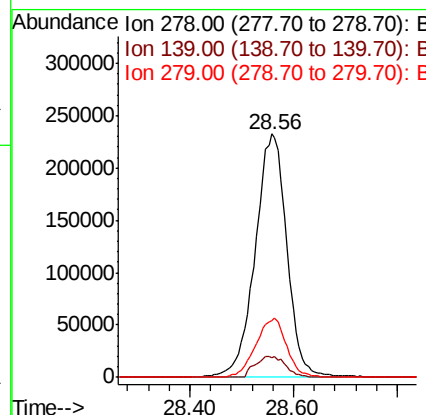
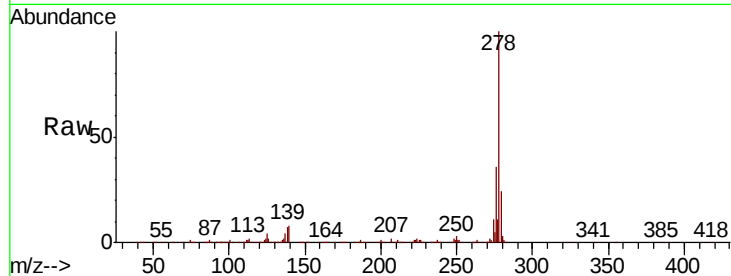
#91
Dibenzo(a,h)anthracene
Concen: 47.441 ng
RT: 28.56 min Scan# 4335
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.9	6.8	10.2
279	23.5	19.0	28.6

Manual Integrations
APPROVED

mohammad
10/31/2019 2:52:03 PM



#92
Benzo(g,h,i)perylene
Concen: 48.100 ng
RT: 29.64 min Scan# 4519
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.3	27.5
138	11.5	9.3	13.9

