

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
 Data File : BG043061.D
 Acq On : 5 Oct 2019 18:42
 Operator : JU
 Sample : K5140-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Manual Integrations
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mohammad
 10/7/2019 4:39:16 PM

Quant Time: Oct 07 09:08:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	69053	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	245755	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	111585	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	372986	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	355174	20.00	ng	-0.02
87) Perylene-d12	24.91	264	38871	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	548290	141.70	ng	0.00
7) Phenol-d6	7.24	99	572969	102.83	ng	0.00
23) Nitrobenzene-d5	9.22	82	482142	95.36	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	441596	230.14	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1157152	150.34	ng	-0.02
79) Terphenyl-d14	20.03	244	2025580	121.53	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.56	88	60431	37.459	ng	# 44
3) Pyridine	4.32	79	25299m	5.576	ng	
4) n-Nitrosodimethylamine	3.86	42	80935	37.092	ng	89
6) Aniline	7.48	93	185079	27.516	ng	# 54
8) 2-Chlorophenol	7.64	128	212449	52.649	ng	96
9) Benzaldehyde	7.20	77	88969	26.130	ng	86
10) Phenol	7.26	94	226187	44.244	ng	93
11) bis(2-Chloroethyl)ether	7.48	93	185079	46.791	ng	91
12) 1,3-Dichlorobenzene	7.95	146	229626	44.608	ng	97
13) 1,4-Dichlorobenzene	8.10	146	236641	46.115	ng	97
14) 1,2-Dichlorobenzene	8.42	146	226565	46.375	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	275259	36.236	ng	97
17) 2-Methylphenol	8.51	107	130088	36.367	ng	95
18) Hexachloroethane	9.15	117	84483	43.714	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	160701	43.922	ng	94
20) 3+4-Methylphenols	8.84	107	175516	35.805	ng	97
22) Acetophenone	8.88	105	314419	49.634	ng	# 98
24) Nitrobenzene	9.27	77	246794	51.173	ng	97
25) Isophorone	9.79	82	452199	50.916	ng	98
26) 2-Nitrophenol	9.98	139	120717	58.799	ng	93
27) 2,4-Dimethylphenol	10.04	122	149600	47.448	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	33923	6.732	ng	98
29) 2,4-Dichlorophenol	10.52	162	221768	56.555	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	252047	49.774	ng	96
31) Naphthalene	10.92	128	632342	52.270	ng	99
32) Benzoic acid	10.21	122	138493	54.828	ng	96
34) Hexachlorobutadiene	11.20	225	181377	47.837	ng	99
35) Caprolactam	11.81	113	63405	45.851	ng	# 87
36) 4-Chloro-3-methylphenol	12.14	107	203839	47.810	ng	95
37) 2-Methylnaphthalene	12.51	142	467862	50.695	ng	93
38) 1-Methylnaphthalene	12.73	142	438892	50.258	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	304449	72.565	ng	97
41) Hexachlorocyclopentadiene	12.87	237	395522	147.959	ng	99
43) 2,4,6-Trichlorophenol	13.12	196	202927	82.637	ng	99

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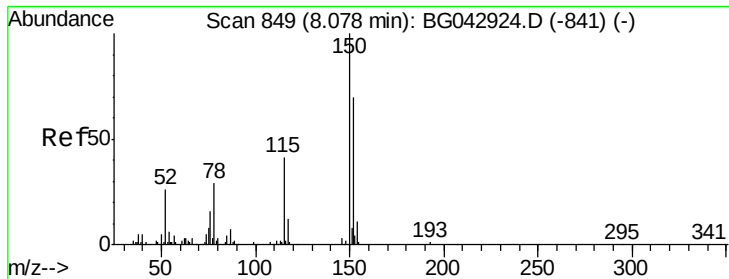
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.20	196	216884	85.735	ng	98
46) 1,1'-Biphenyl	13.52	154	638217	75.421	ng	98
47) 2-Chloronaphthalene	13.56	162	501354	79.024	ng	99
48) 2-Nitroaniline	13.76	65	86242	40.877	ng	95
49) Acenaphthylene	14.41	152	252906	26.052	ng	97
50) Dimethylphthalate	14.14	163	715550	85.585	ng	99
51) 2,6-Dinitrotoluene	14.25	165	147529	82.860	ng	90
52) Acenaphthene	14.75	154	332959	51.241	ng	98
53) 3-Nitroaniline	14.60	138	23023	12.512	ng #	99
54) 2,4-Dinitrophenol	14.79	184	190215	171.875	ng	97
55) Dibenzofuran	15.08	168	754819	78.527	ng	98
56) 4-Nitrophenol	14.91	139	205187	146.356	ng	94
57) 2,4-Dinitrotoluene	15.04	165	208834	80.096	ng	97
58) Fluorene	15.73	166	613650	74.776	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	216521	80.387	ng	98
60) Diethylphthalate	15.49	149	620068	72.875	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	372043	75.591	ng	98
62) 4-Nitroaniline	15.75	138	39984	19.925	ng	92
63) Azobenzene	16.01	77	181826	23.472	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	132288	62.678	ng	95
67) 4-Bromophenyl-phenylether	16.61	248	257012	54.901	ng	98
68) Hexachlorobenzene	16.73	284	290391	55.712	ng	97
70) Pentachlorophenol	17.08	266	362706	120.595	ng	99
71) Phenanthrene	17.47	178	988222	54.270	ng	98
72) Anthracene	17.56	178	884435	48.653	ng	99
74) Di-n-butylphthalate	18.38	149	1033444	51.382	ng	98
75) Fluoranthene	19.47	202	1150866	47.783	ng	99
78) Pyrene	19.83	202	608171	28.689	ng	99
80) Butylbenzylphthalate	20.72	149	227189	28.234	ng	97
81) Benzo(a)anthracene	21.67	228	1145126	51.744	ng	98
83) Chrysene	21.74	228	1196387	55.708	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	710894	62.088	ng	98
85) Di-n-octyl phthalate	22.79	149	1197623	63.966	ng	96
86) Indeno(1,2,3-cd)pyrene	28.57	276	769655	28.787	ng #	76
88) Benzo(b)fluoranthene	23.89	252	1211956	551.034	ng	99
89) Benzo(k)fluoranthene	23.95	252	835983	384.212	ng	98
90) Benzo(a)pyrene	24.75	252	455101	219.318	ng	99
91) Dibenzo(a,h)anthracene	28.64	278	1138060	534.848	ng	99
92) Benzo(g,h,i)perylene	29.72	276	549529	266.544	ng	98

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



#1

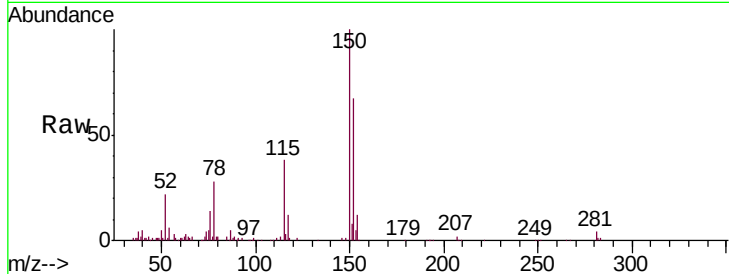
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

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BNA_G
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HR-05-100219MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.3	115.0	172.4
115	56.4	47.0	70.6

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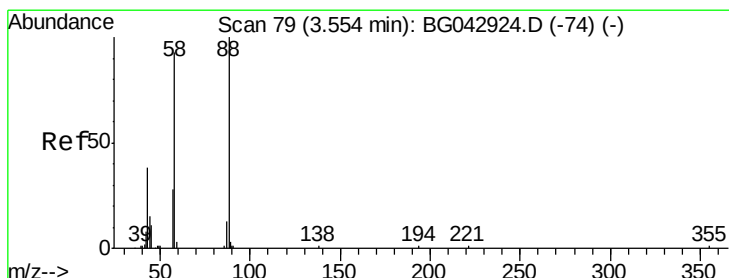
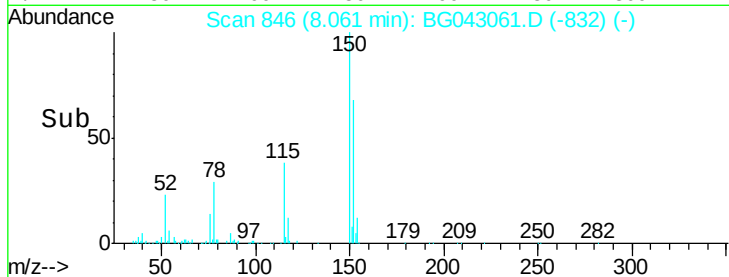
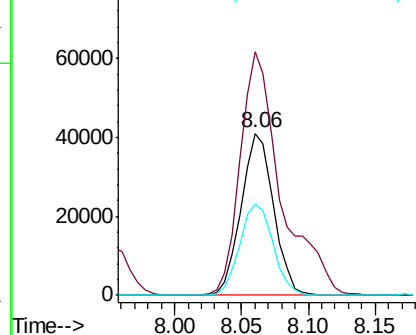


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

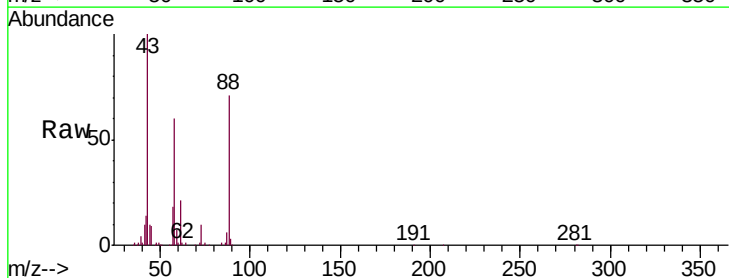
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.459 ng
RT: 3.56 min Scan# 80
Delta R.T. 0.01 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.8	74.3	111.5
43	138.3	29.8	44.8#

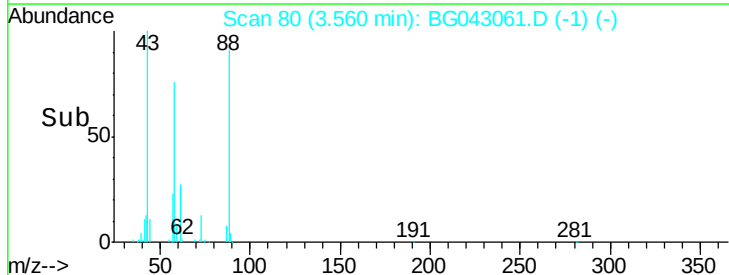
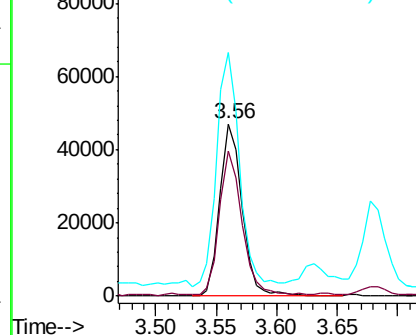


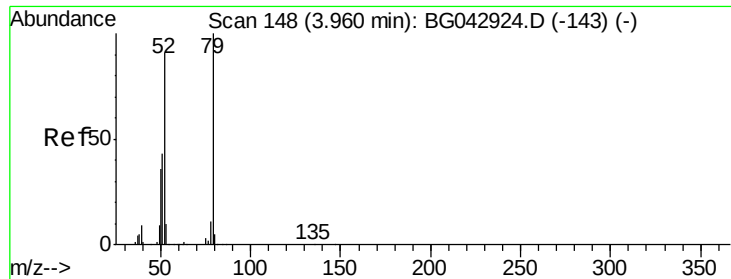
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 5.576 ng m

RT: 4.32 min Scan# 209

Delta R.T. 0.36 min

Lab File: BG043061.D

Acq: 5 Oct 2019 18:42

Instrument :

BNA_G

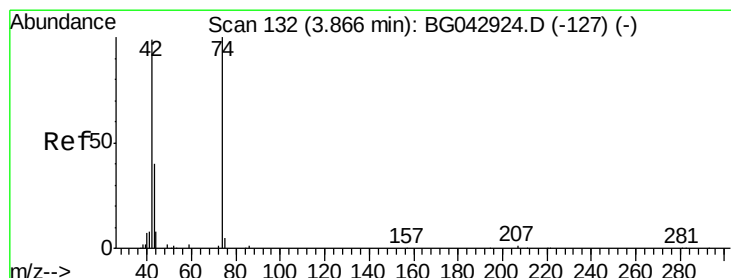
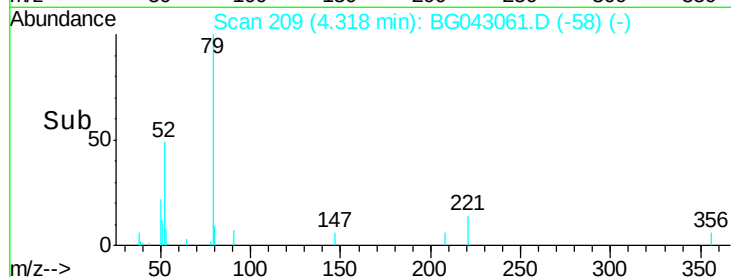
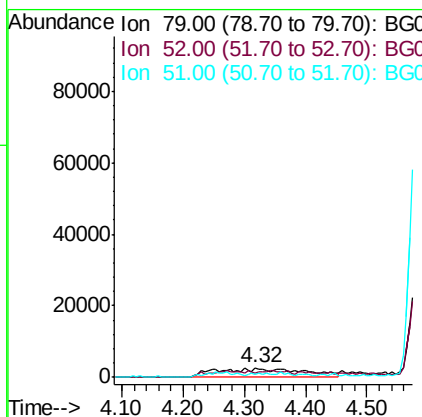
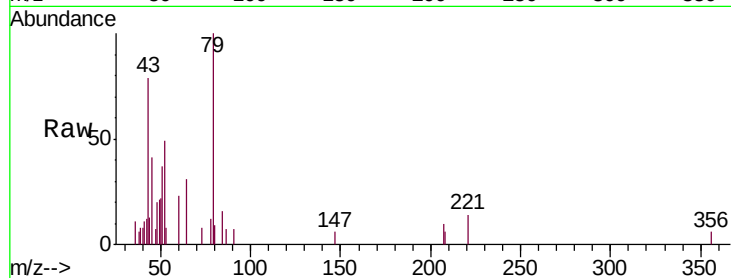
ClientSampleId :

HR-05-100219MS

Tgt Ion:	79	Resp:	25299
Ion	Ratio	Lower	Upper
79	100		
52	48.7	73.0	109.4#
51	36.9	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 37.092 ng

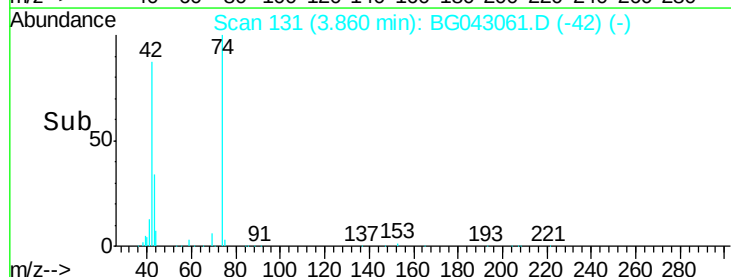
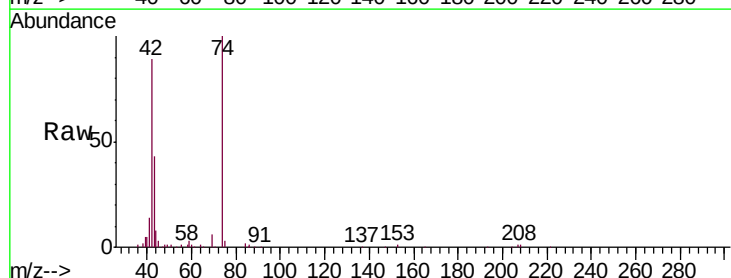
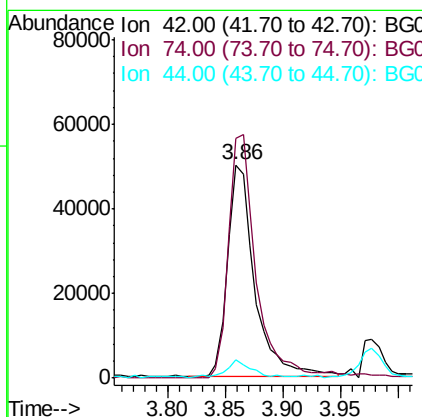
RT: 3.86 min Scan# 131

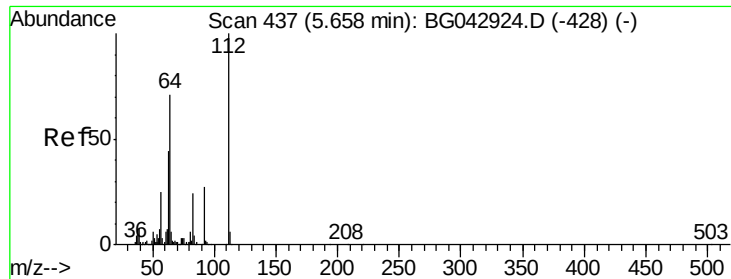
Delta R.T. -0.01 min

Lab File: BG043061.D

Acq: 5 Oct 2019 18:42

Tgt Ion:	42	Resp:	80935
Ion	Ratio	Lower	Upper
42	100		
74	112.4	80.5	120.7
44	8.5	6.9	10.3





#5

2-Fluorophenol

Concen: 141.701 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG043061.D

Acq: 5 Oct 2019 18:42

Instrument :

BNA_G

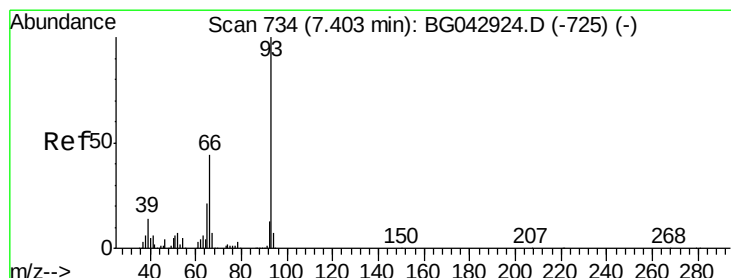
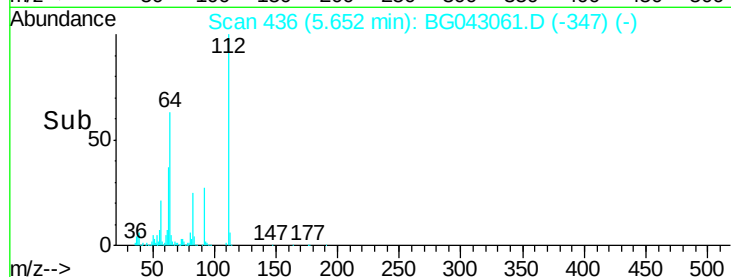
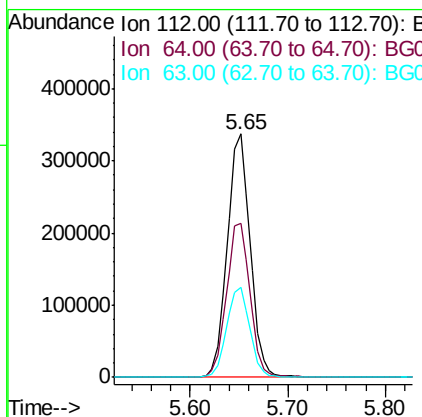
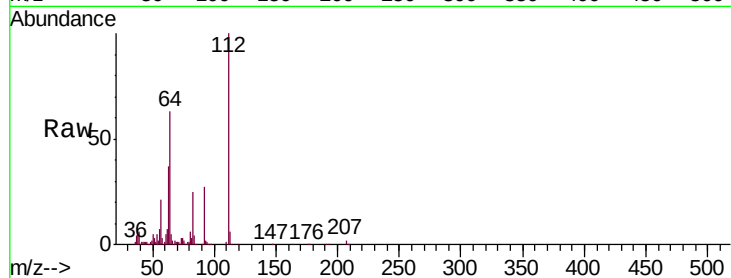
ClientSampleId :

HR-05-100219MS

Tgt Ion:	112	Resp:	548290
Ion Ratio	Lower	Upper	
112	100		
64	63.4	56.6	84.8
63	37.2	35.1	52.7

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#6

Aniline

Concen: 27.516 ng

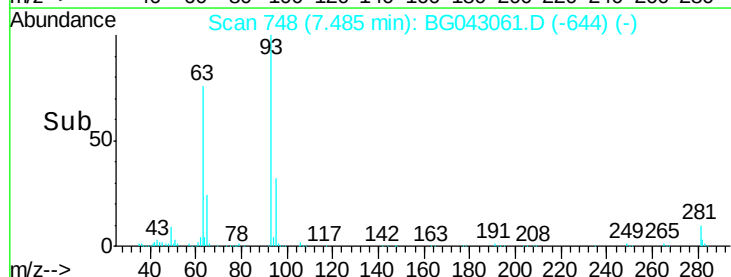
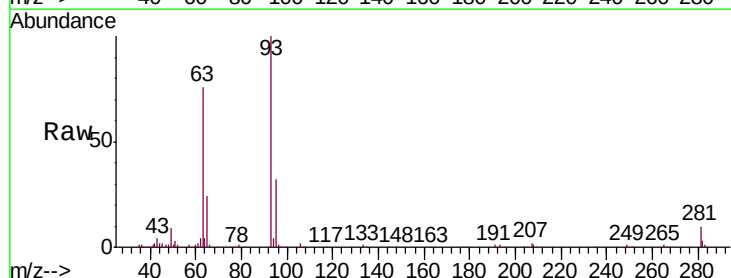
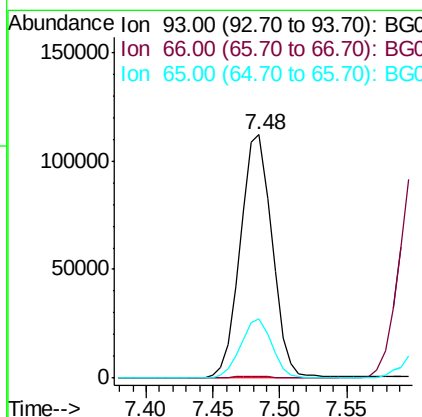
RT: 7.48 min Scan# 748

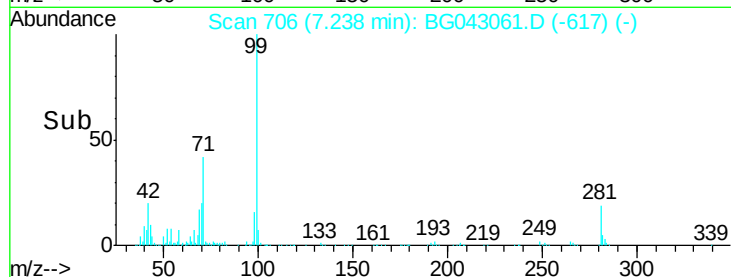
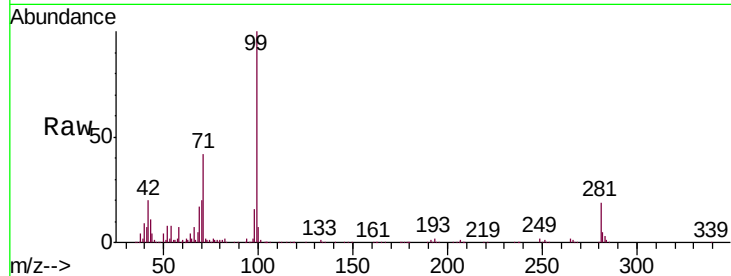
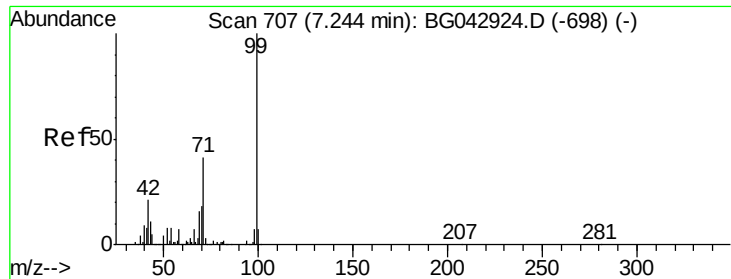
Delta R.T. 0.08 min

Lab File: BG043061.D

Acq: 5 Oct 2019 18:42

Tgt Ion:	93	Resp:	185079
Ion Ratio	Lower	Upper	
93	100		
66	0.9	35.0	52.6#
65	24.2	17.4	26.0





#7

Phenol-d6

Concen: 102.829 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043061.D

Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	572969		
42	20.0	17.2	25.8	
71	42.4	33.1	49.7	

Instrument :

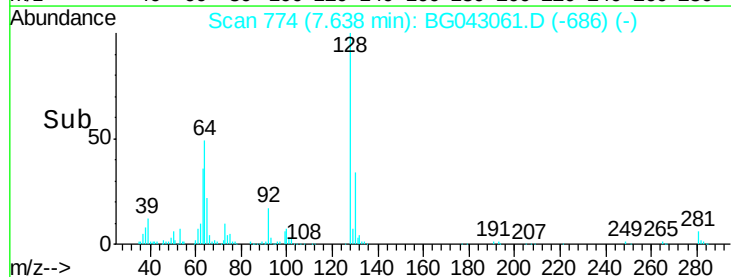
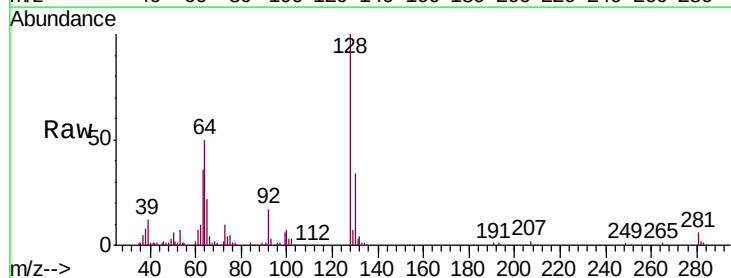
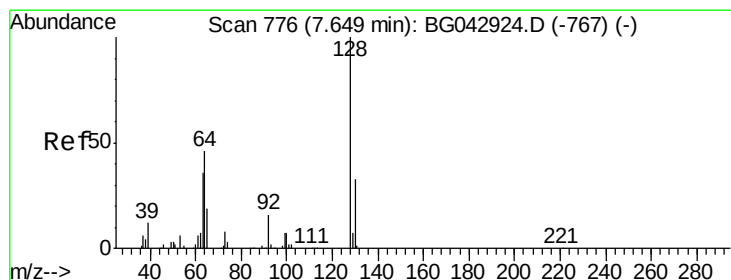
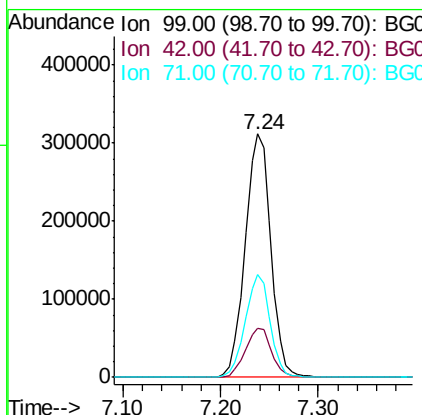
BNA_G

ClientSampleId :

HR-05-100219MS

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#8

2-Chlorophenol

Concen: 52.649 ng

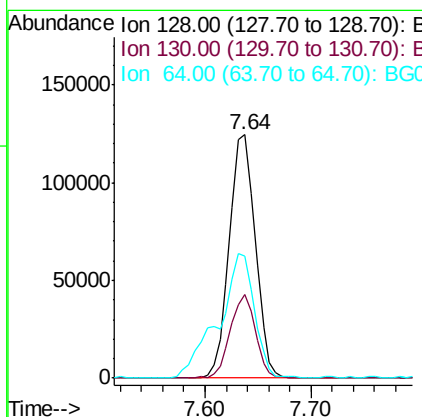
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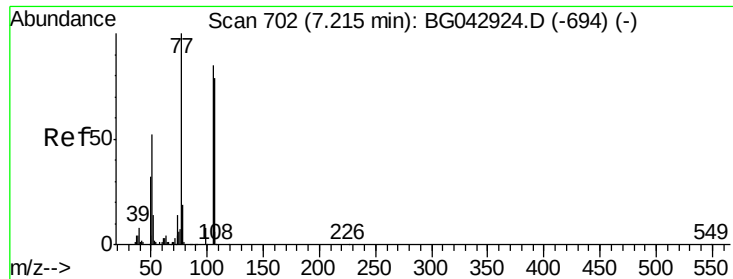
Delta R.T. -0.01 min

Lab File: BG043061.D

Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	212449		
130	34.3	12.5	52.5	
64	49.9	32.8	72.8	





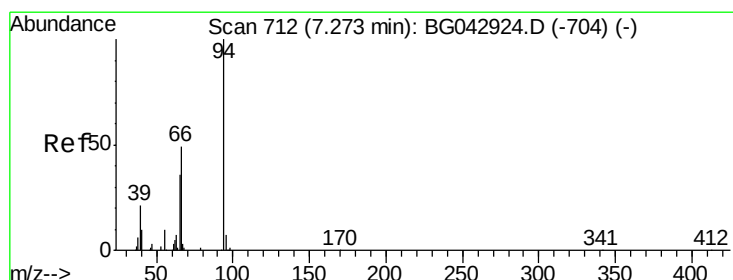
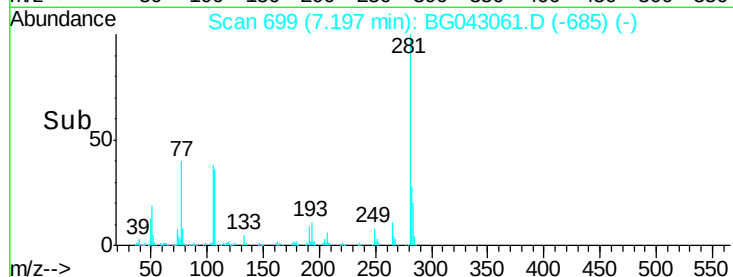
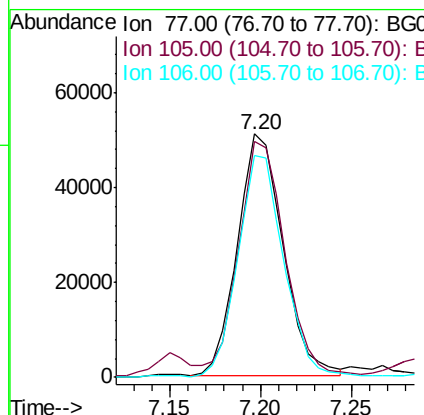
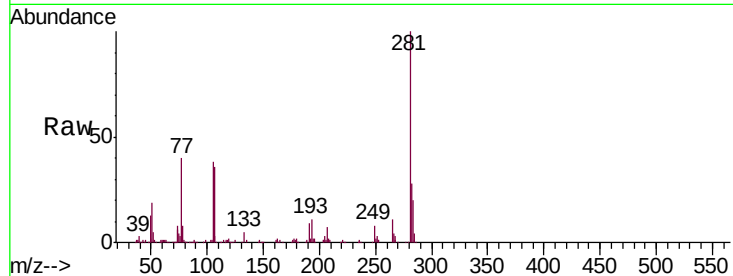
#9
Benzaldehyde
Concen: 26.130 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.02 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	96.9	64.6	104.6
106	91.3	59.4	99.4

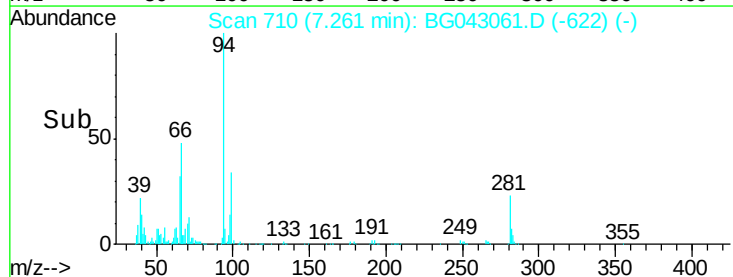
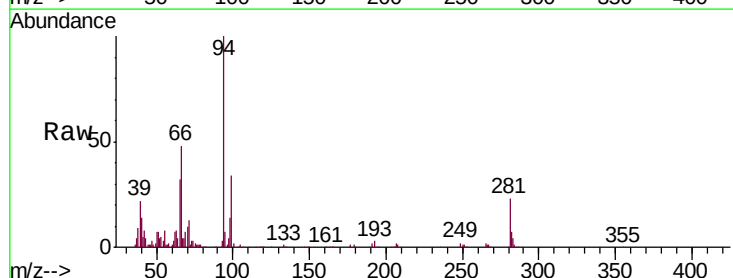
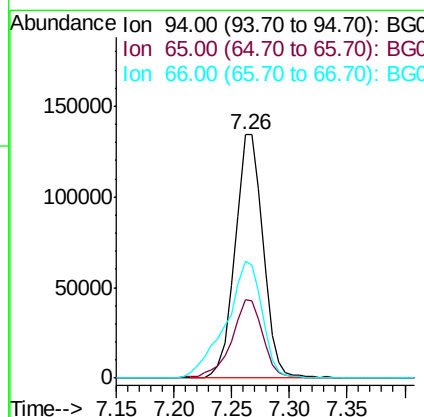
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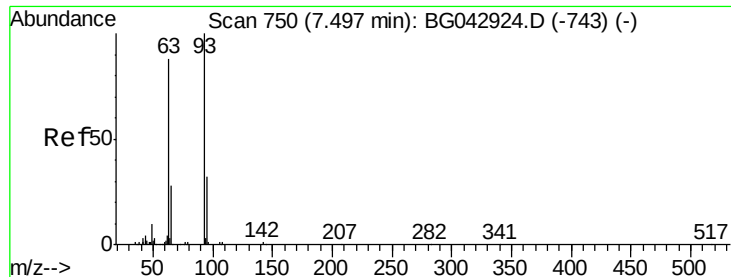
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#10
Phenol
Concen: 44.244 ng
RT: 7.26 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG043061.D
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Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.3	16.6	56.6
66	47.8	32.4	72.4





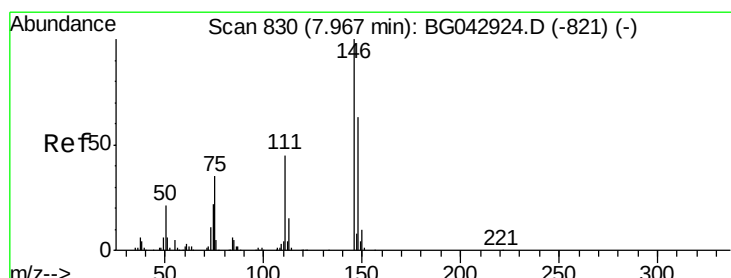
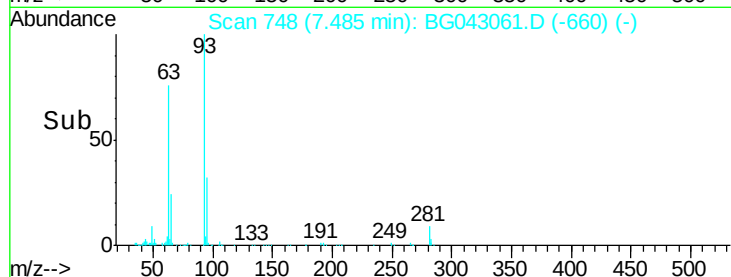
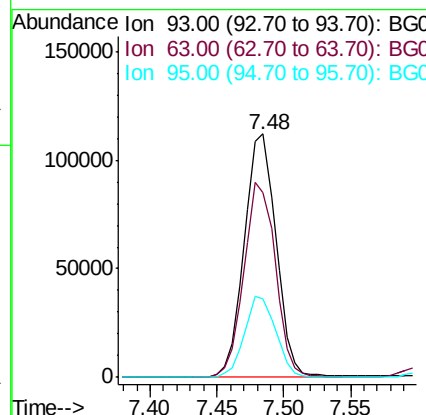
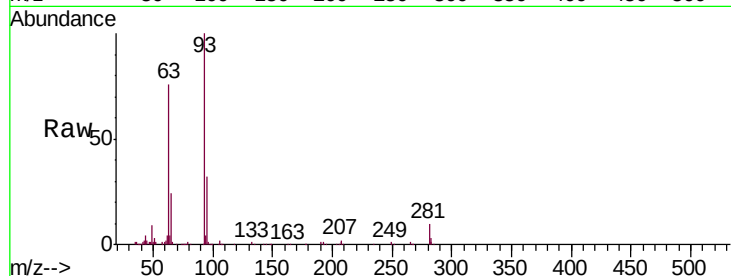
#11
bis(2-Chloroethyl)ether
Concen: 46.791 ng
RT: 7.48 min Scan# 748
Delta R.T. -0.01 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	76.1	67.4	107.4
95	32.4	11.9	51.9

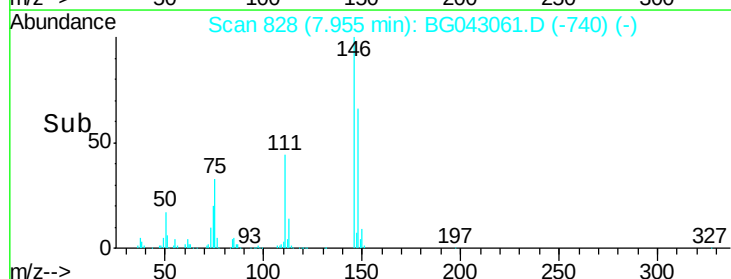
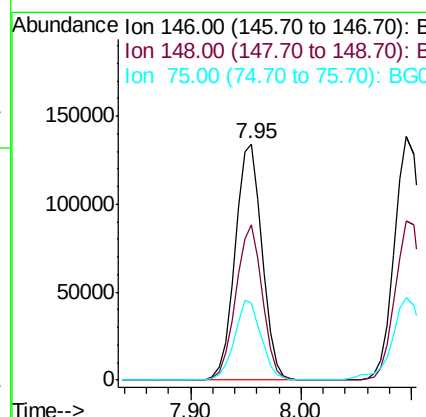
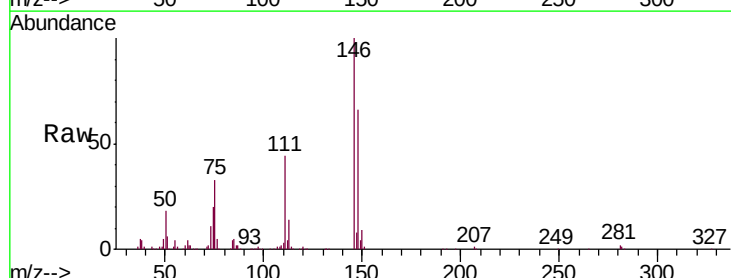
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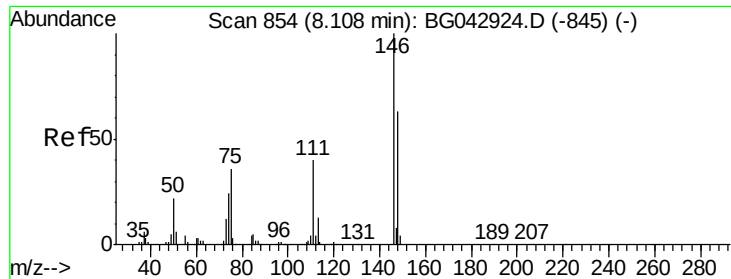
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.608 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.7	76.1
75	33.0	27.7	41.5





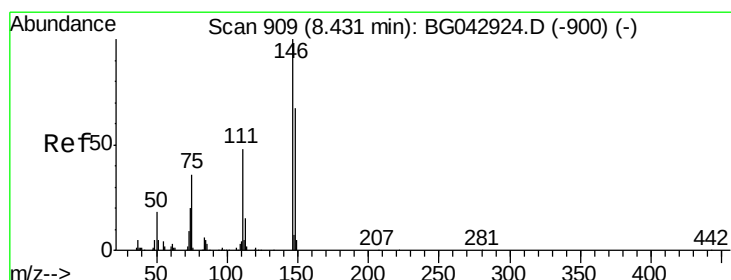
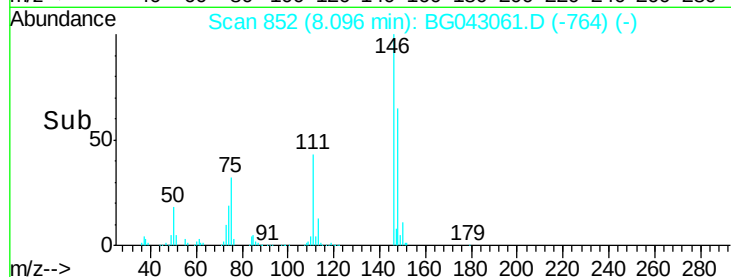
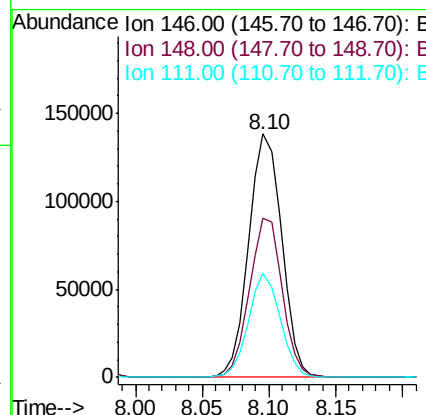
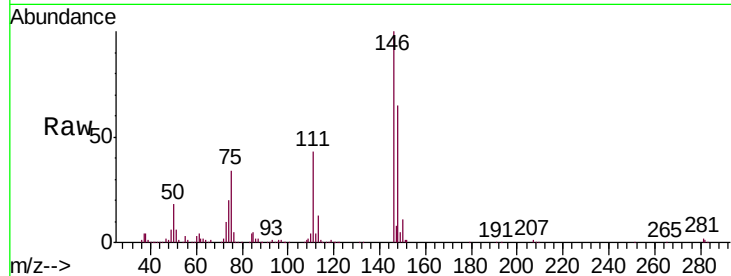
#13
 1,4-Dichlorobenzene
 Concen: 46.115 ng
 RT: 8.10 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.9	76.3
111	42.5	31.8	47.8

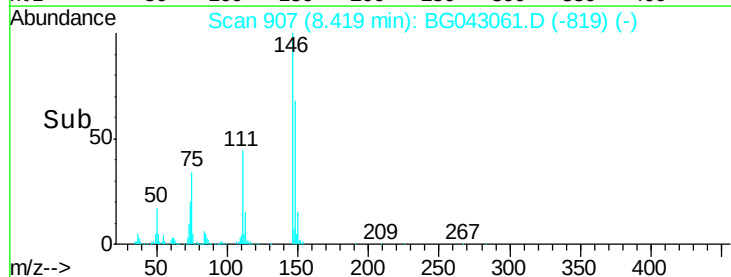
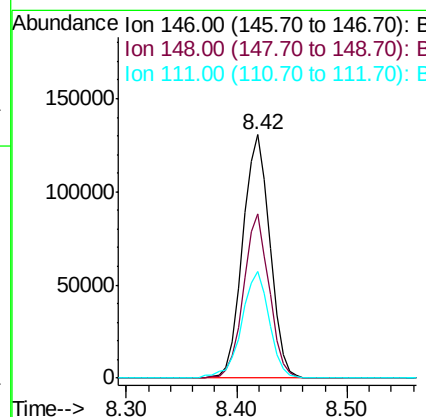
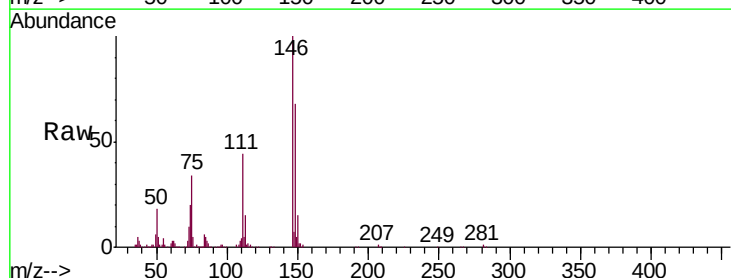
Manual Integrations
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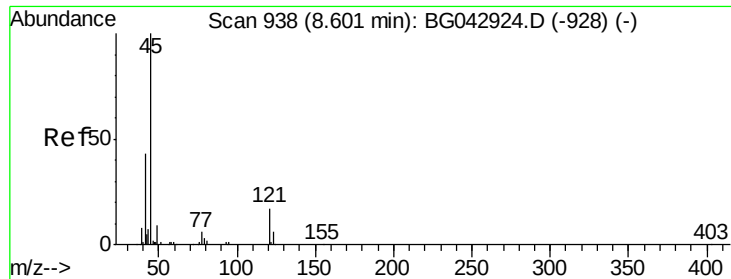
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 46.375 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	53.4	80.2
111	43.9	38.5	57.7





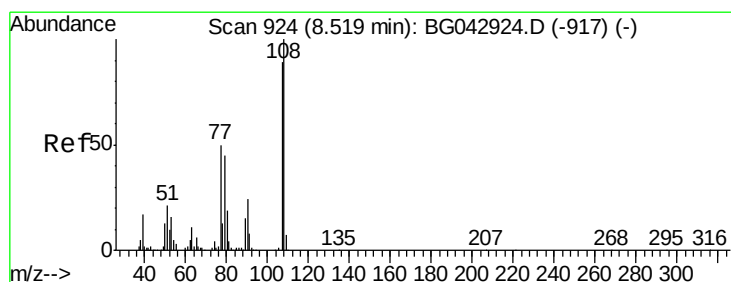
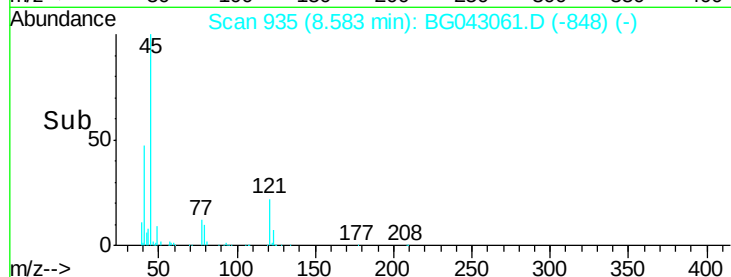
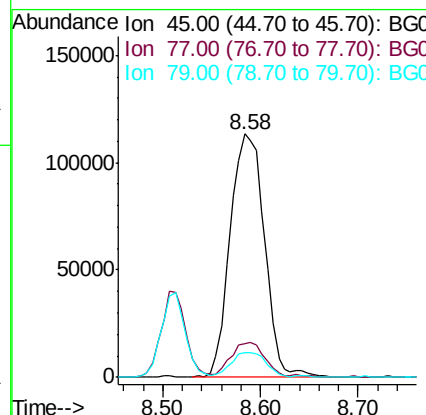
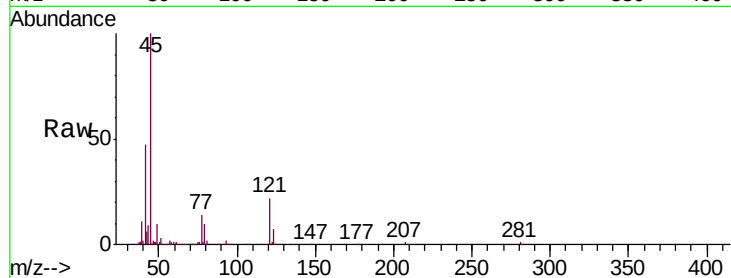
#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.236 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
45	100		
77	13.9	0.0	32.8
79	10.3	0.0	29.4

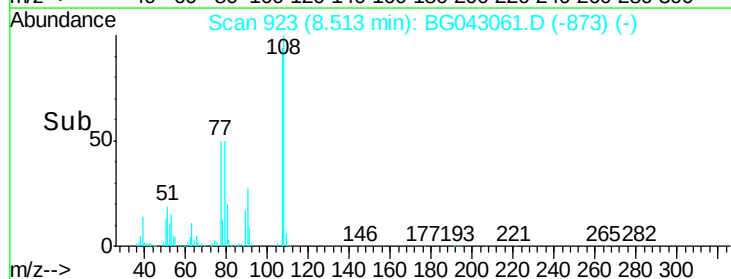
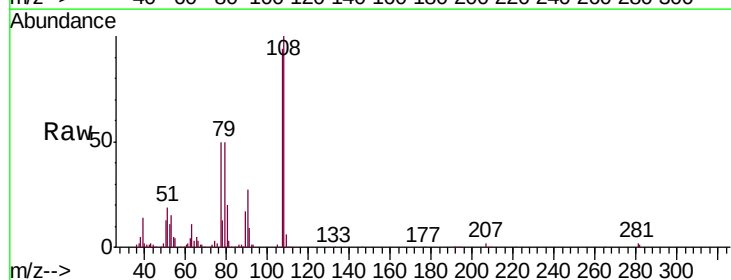
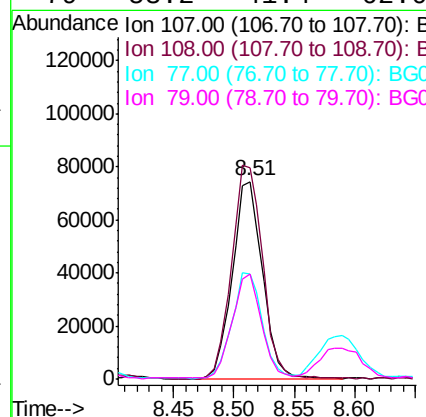
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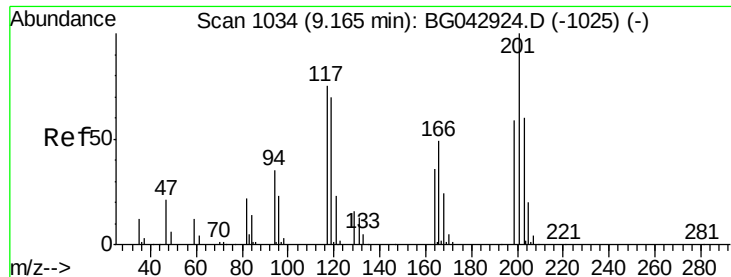
mohammad
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#17
2-Methylphenol
Concen: 36.367 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	106.7	89.9	134.9
77	52.9	45.4	68.2
79	53.2	41.4	62.0





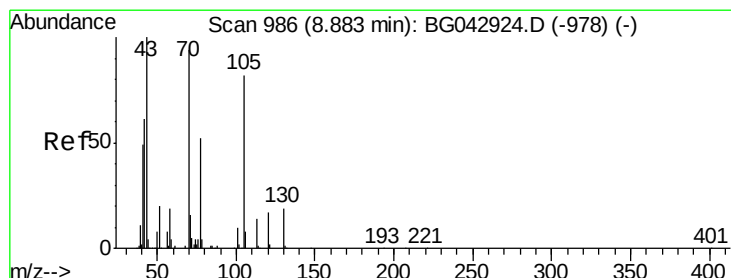
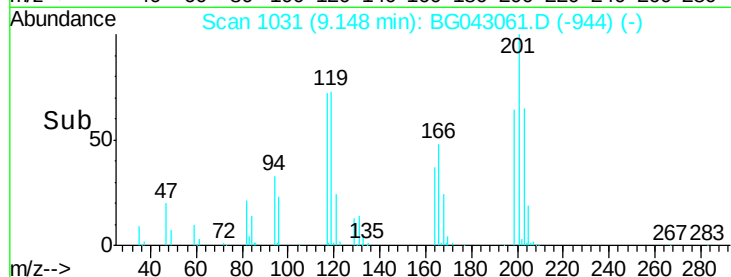
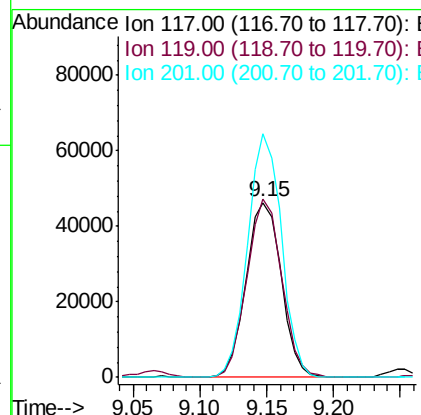
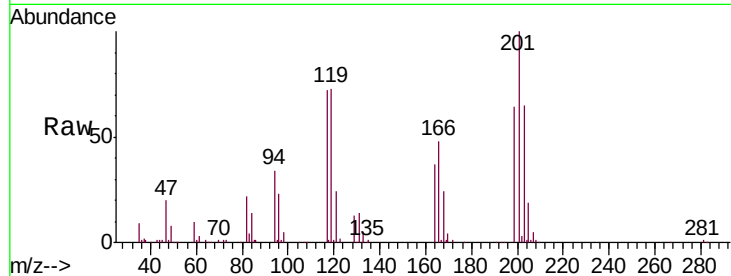
#18
Hexachloroethane
Concen: 43.714 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tgt Ion: 117 Resp: 84483
Ion Ratio Lower Upper
117 100
119 101.9 74.6 111.8
201 139.1 106.0 159.0

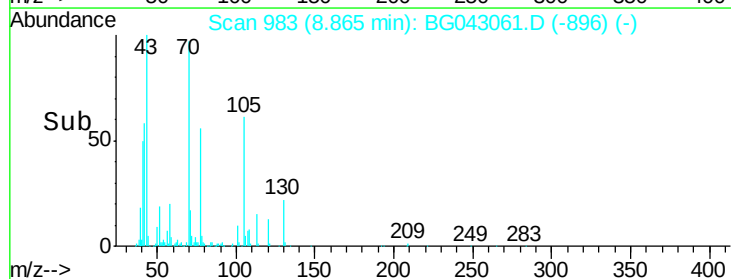
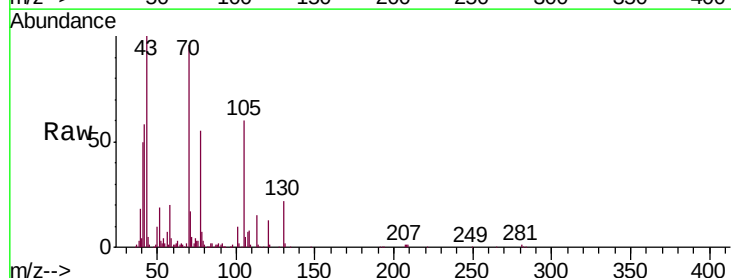
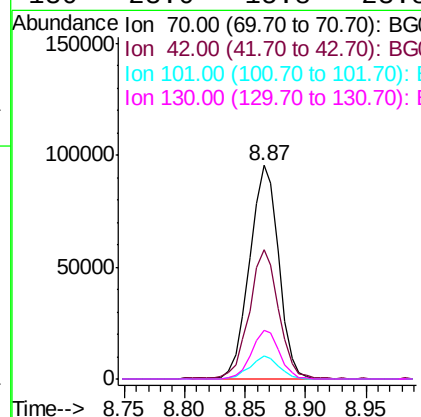
Manual Integrations
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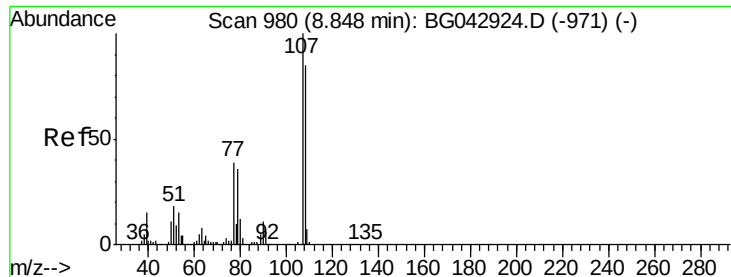
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#19
n-Nitroso-di-n-propylamine
Concen: 43.922 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion: 70 Resp: 160701
Ion Ratio Lower Upper
70 100
42 60.4 52.6 79.0
101 10.9 8.7 13.1
130 23.0 15.8 23.8





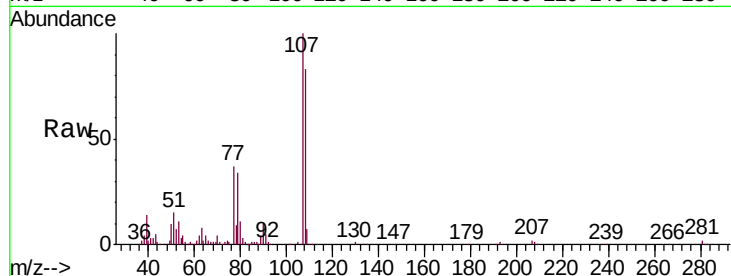
#20
3+4-Methylphenols
Concen: 35.805 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	175516		
108	83.2	64.9	104.9	
77	37.0	19.4	59.4	
79	33.8	16.2	56.2	

Manual Integrations
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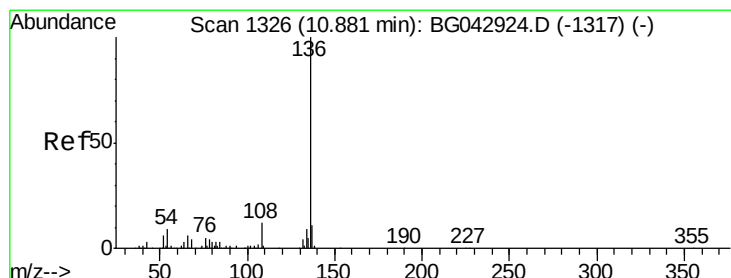
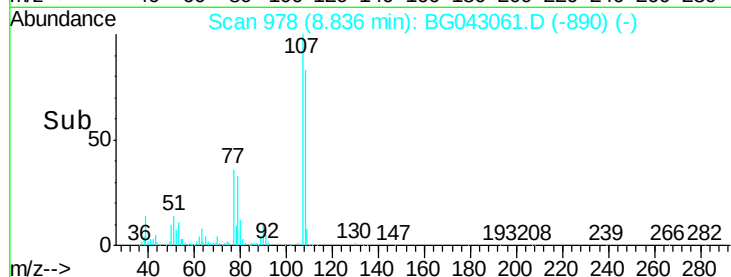
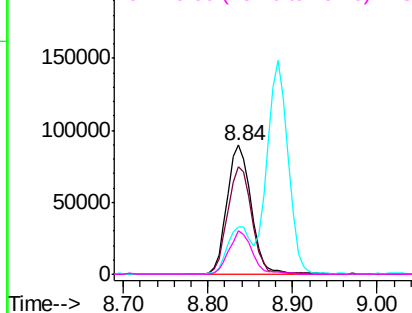
Abundance

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): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	245755		
137	10.9	8.5	12.7	
54	9.2	7.4	11.2	
68	3.7	3.6	5.4	

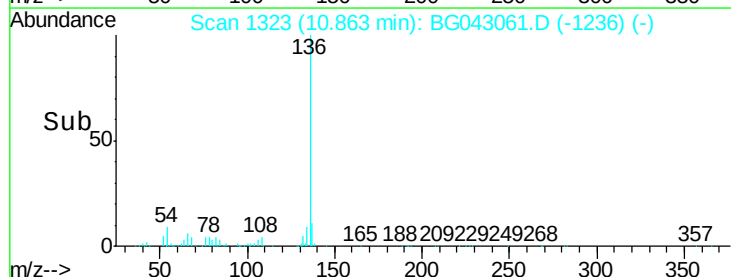
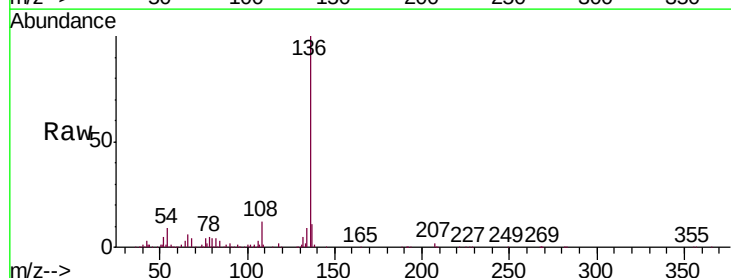
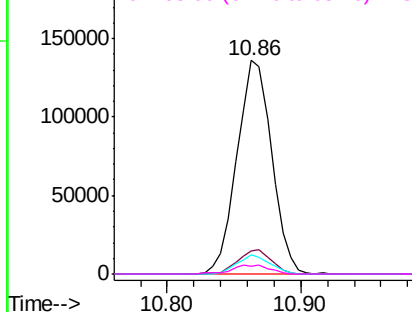
Abundance

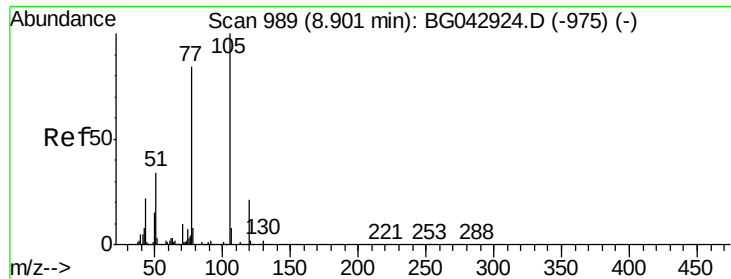
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

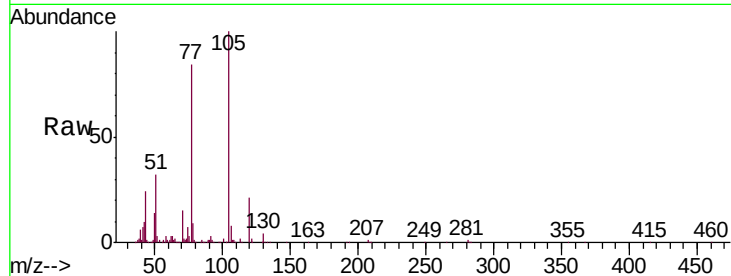
Ion 68.00 (67.70 to 68.70): BGC





#22
 Acetophenone
 Concen: 49.634 ng
 RT: 8.88 min Scan# 986
 Delta R.T. -0.02 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

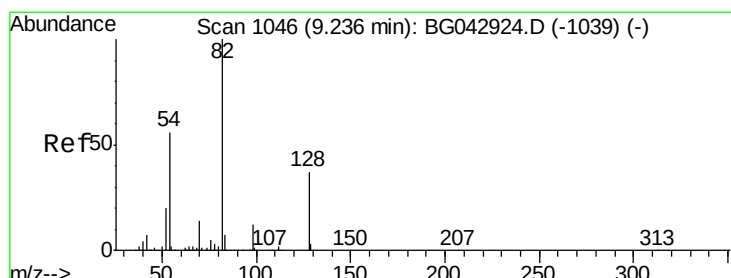
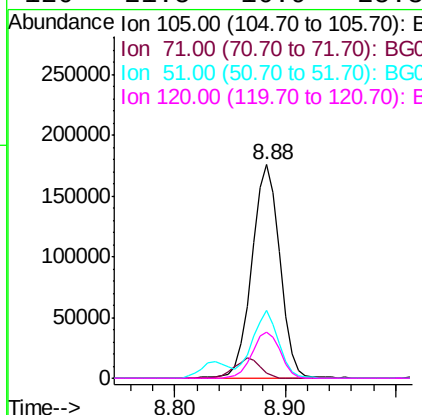
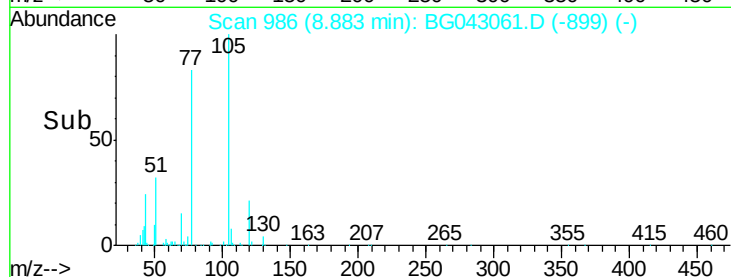
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS



Tgt Ion:	105	Resp:	314419
Ion Ratio	Lower	Upper	
105	100		
71	2.3	1.2	1.8#
51	32.0	27.2	40.8
120	21.5	16.9	25.3

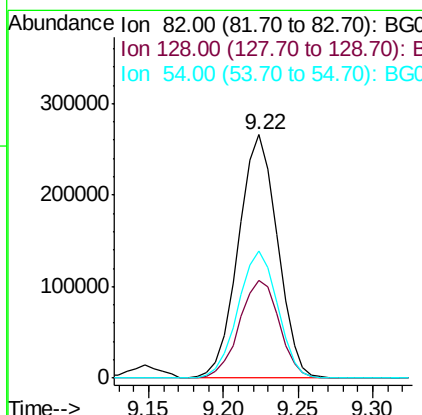
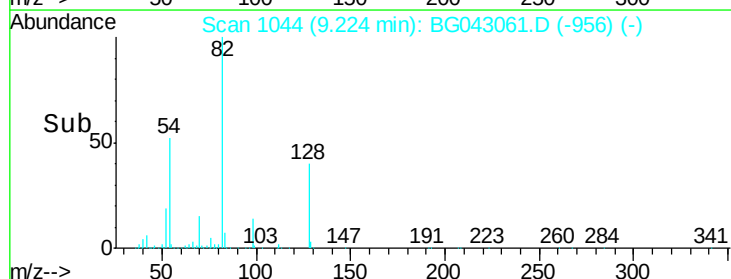
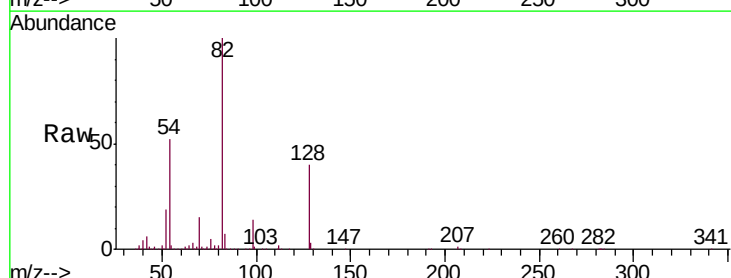
Manual Integrations
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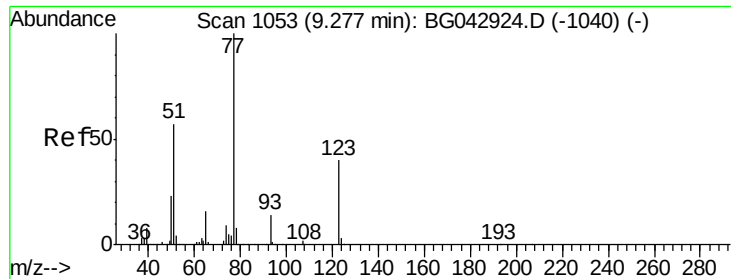
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#23
 Nitrobenzene-d5
 Concen: 95.358 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Tgt Ion:	82	Resp:	482142
Ion Ratio	Lower	Upper	
82	100		
128	40.0	29.5	44.3
54	52.2	44.6	67.0





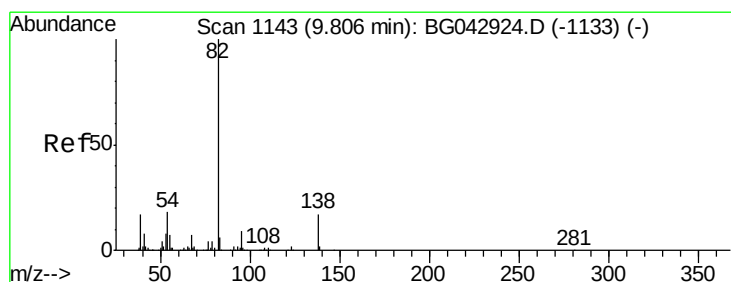
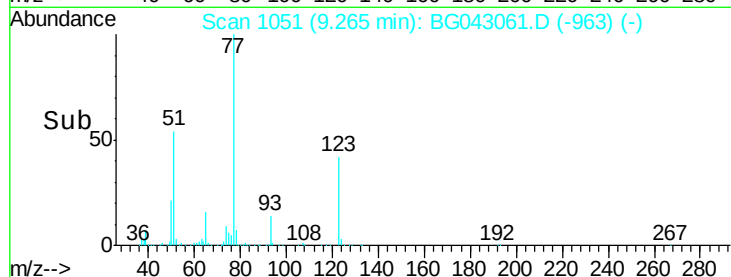
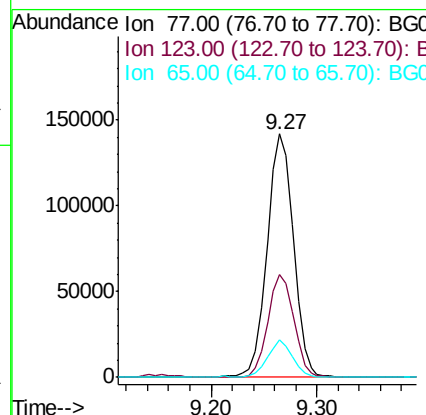
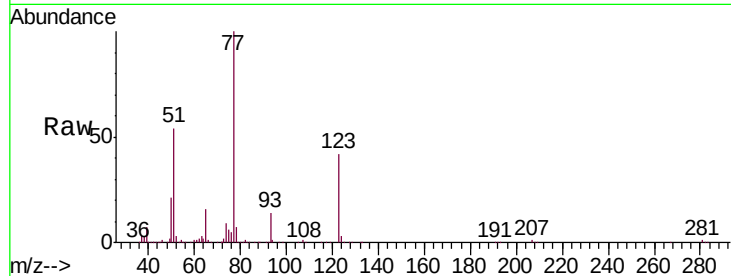
#24
 Nitrobenzene
 Concen: 51.173 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.0	31.9	47.9
65	15.5	12.4	18.6

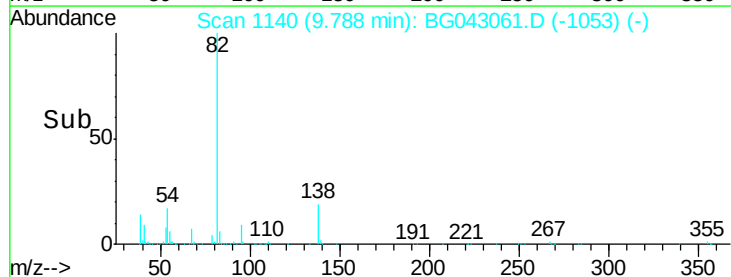
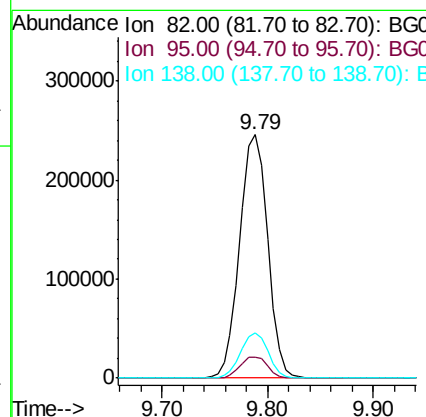
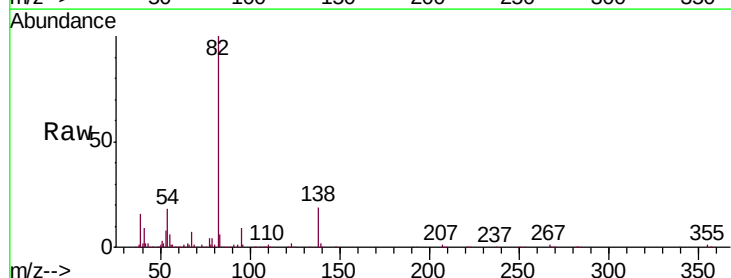
Manual Integrations
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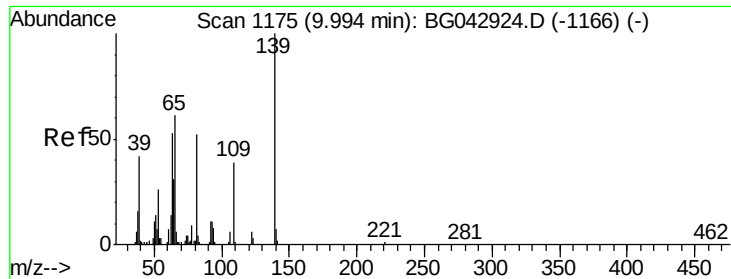
mohammad
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#25
 Isophorone
 Concen: 50.916 ng
 RT: 9.79 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.7	7.0	10.4
138	18.7	13.8	20.6





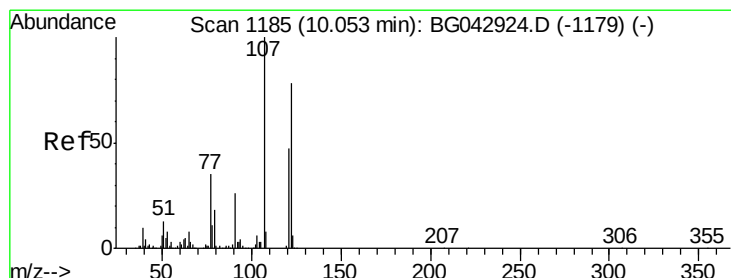
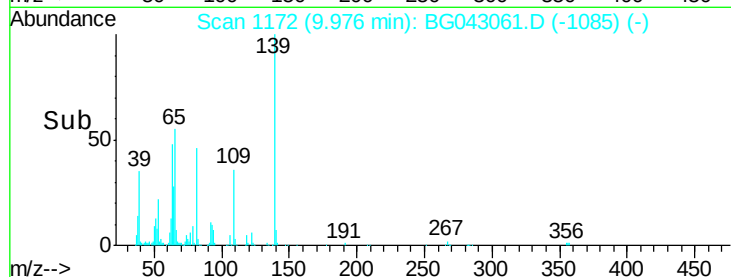
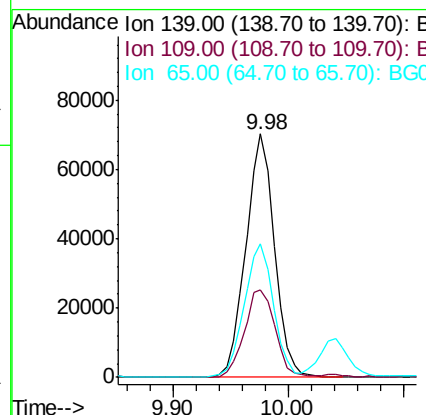
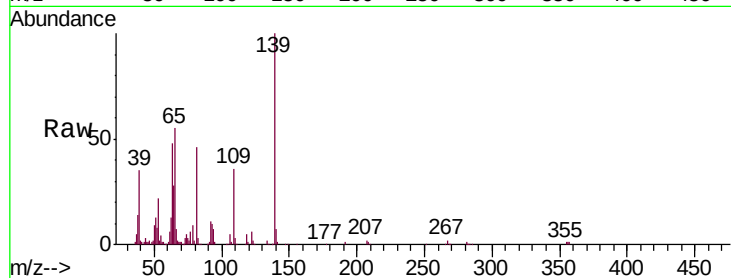
#26
2-Nitrophenol
Concen: 58.799 ng
RT: 9.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	120717		
109	36.1	31.0	46.6	
65	54.6	48.4	72.6	

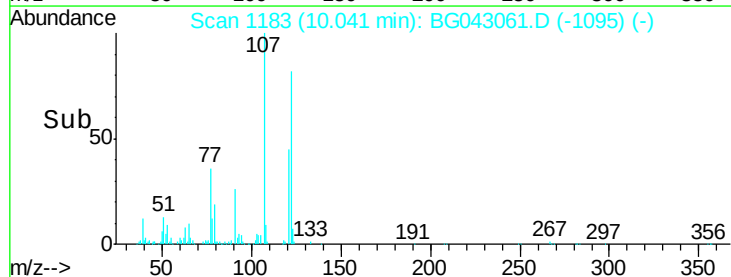
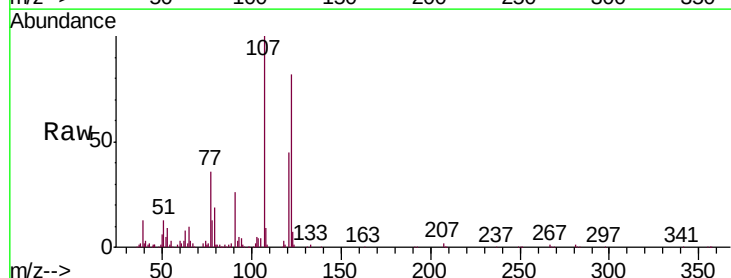
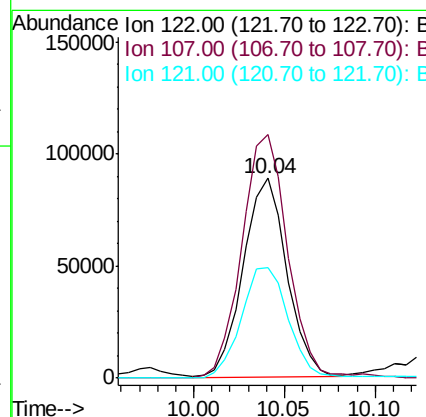
Manual Integrations
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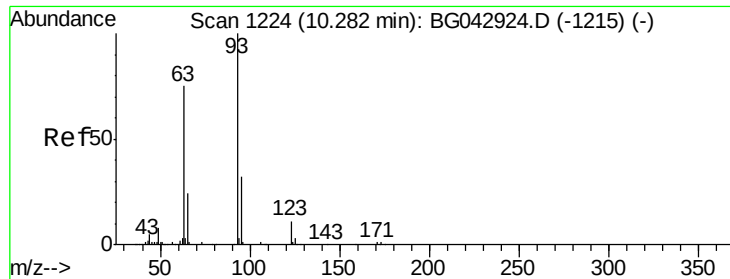
mohammad
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#27
2,4-Dimethylphenol
Concen: 47.448 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	149600		
107	121.9	102.2	153.2	
121	55.0	48.5	72.7	





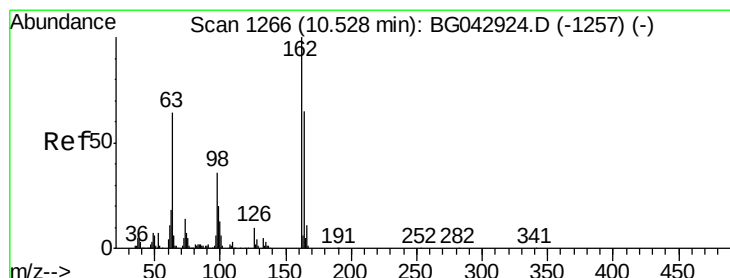
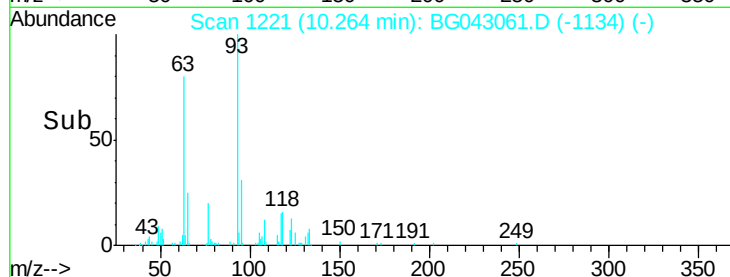
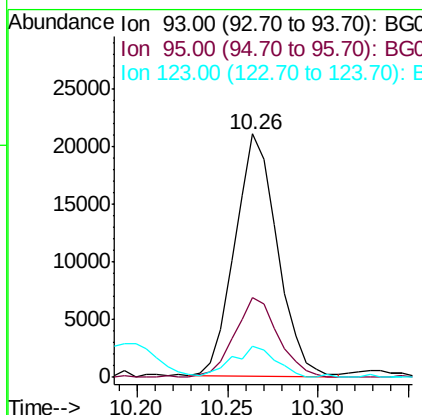
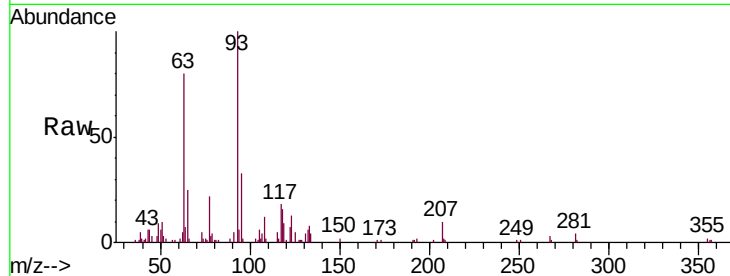
#28
bis(2-Chloroethoxy)methane
Concen: 6.732 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.4	38.0
123	12.9	9.3	13.9

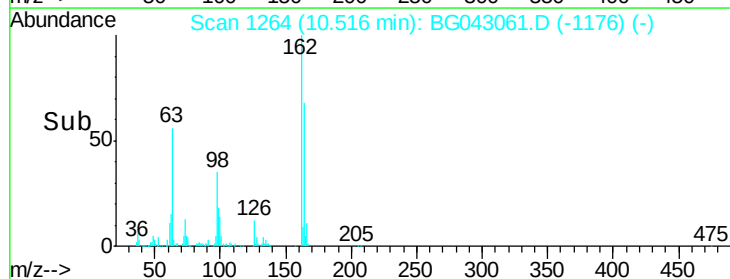
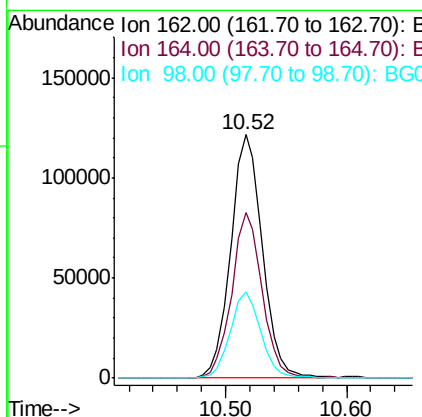
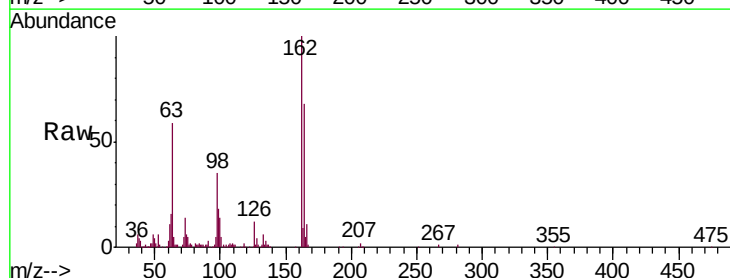
Manual Integrations
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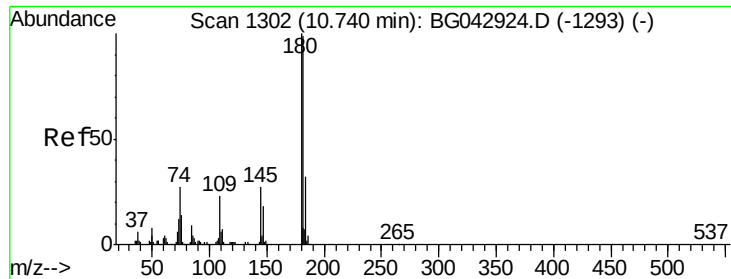
mohammad
10/7/2019 4:39:16 PM



#29
2,4-Dichlorophenol
Concen: 56.555 ng
RT: 10.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.9	44.7	84.7
98	35.3	16.0	56.0





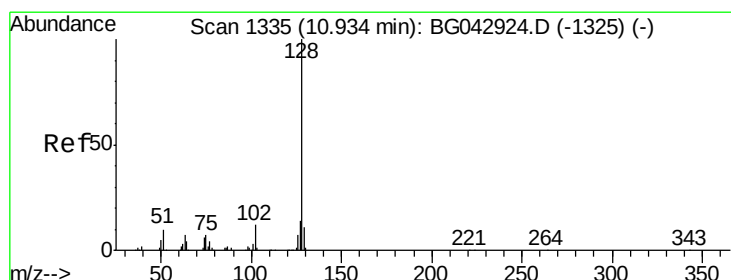
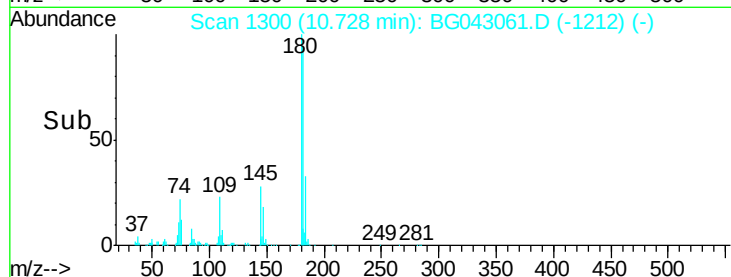
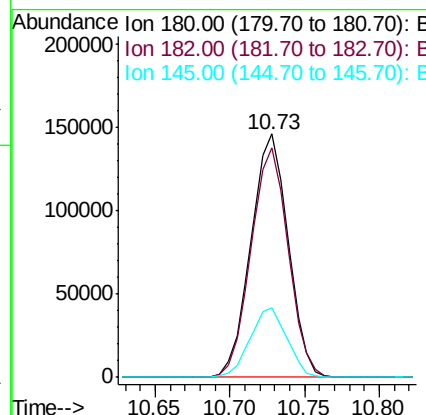
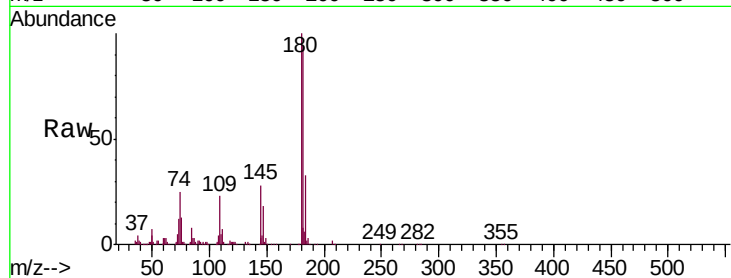
#30
 1,2,4-Trichlorobenzene
 Concen: 49.774 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	252047		
182	94.1	79.3	118.9	
145	28.5	22.0	33.0	

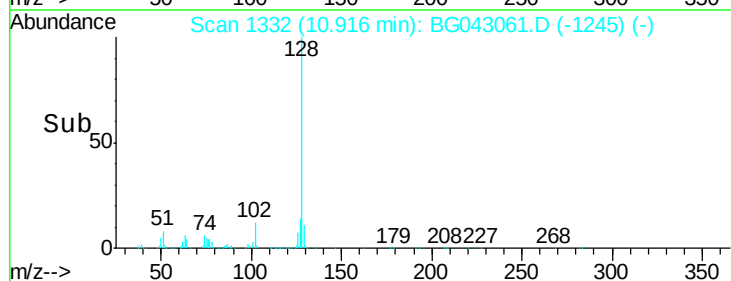
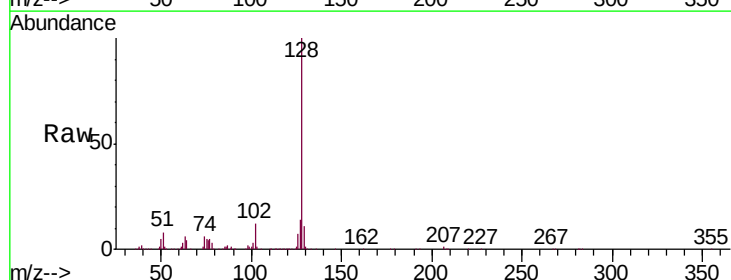
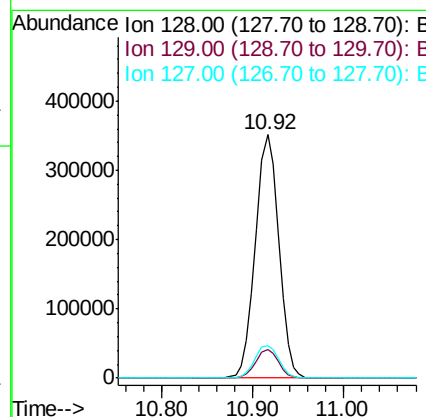
Manual Integrations
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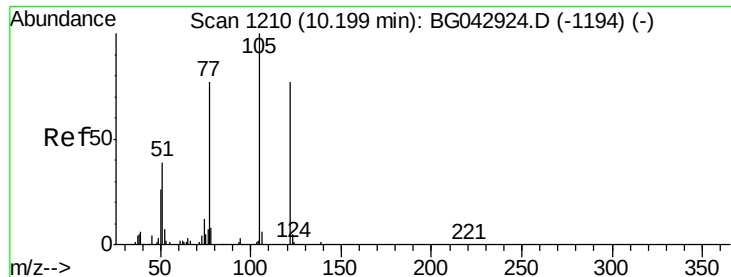
mohammad
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#31
 Naphthalene
 Concen: 52.270 ng
 RT: 10.92 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	632342		
129	11.5	8.8	13.2	
127	13.5	11.3	16.9	





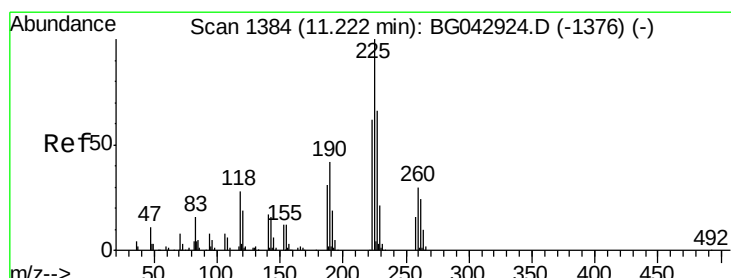
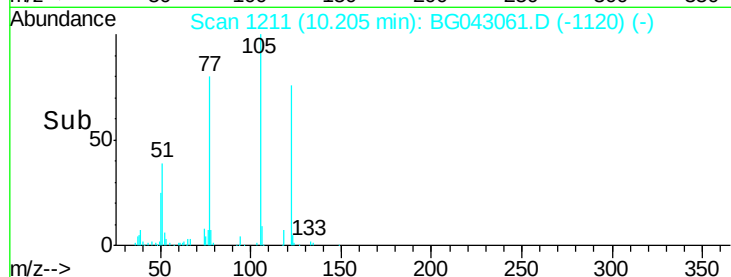
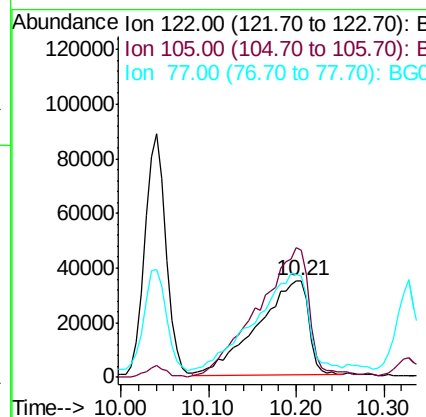
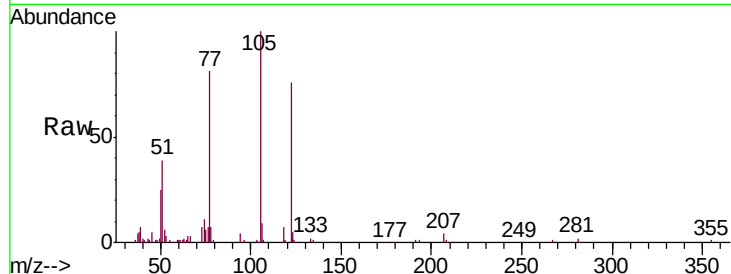
#32
Benzoic acid
Concen: 54.828 ng
RT: 10.21 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.0	107.5	147.5
77	105.6	79.8	119.8

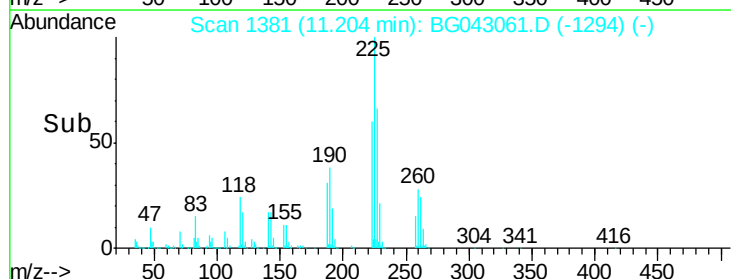
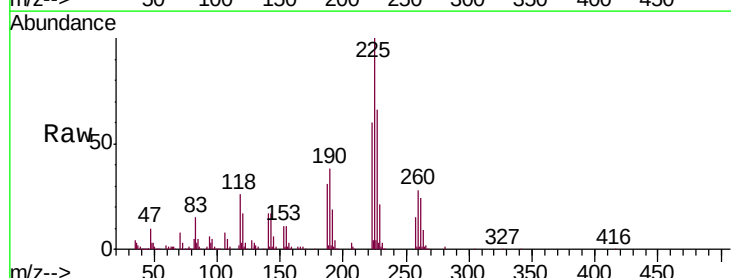
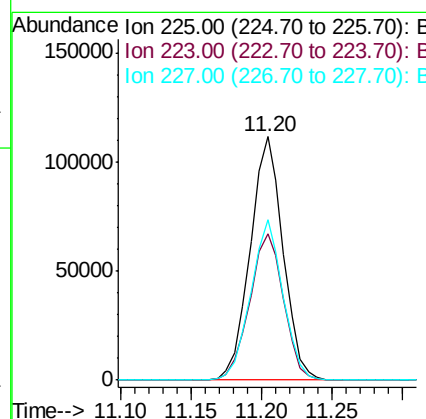
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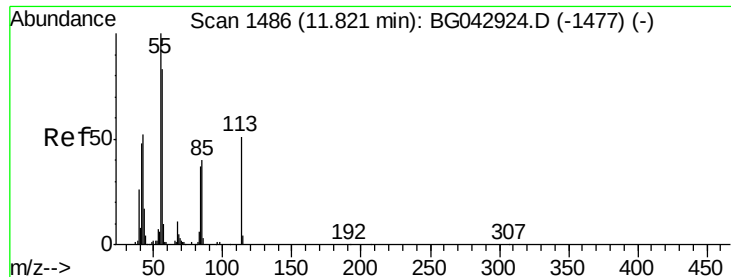
mohammad
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#34
Hexachlorobutadiene
Concen: 47.837 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	49.3	73.9
227	65.7	52.8	79.2





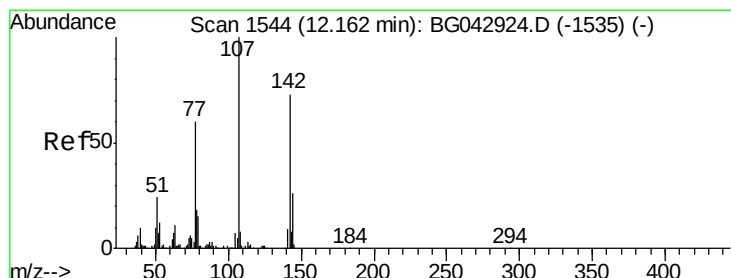
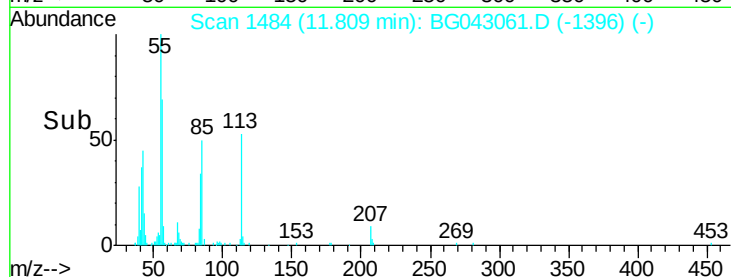
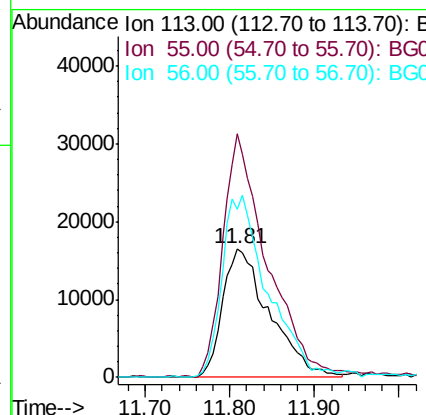
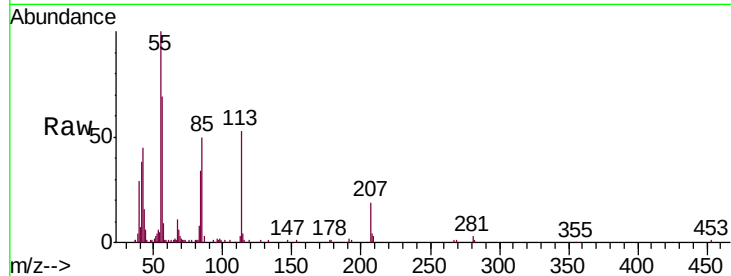
#35
 Caprolactam
 Concen: 45.851 ng
 RT: 11.81 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	189.4	175.5	215.5
56	130.7	142.3	182.3#

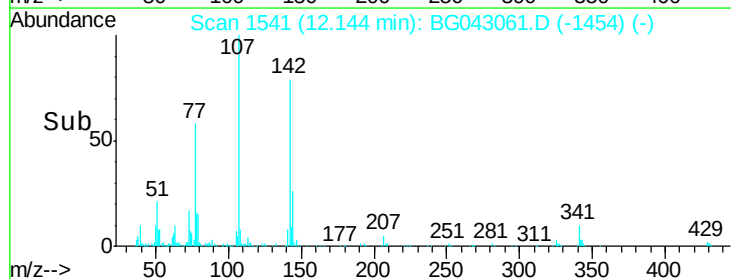
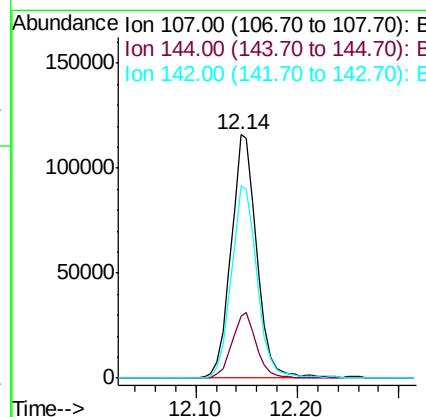
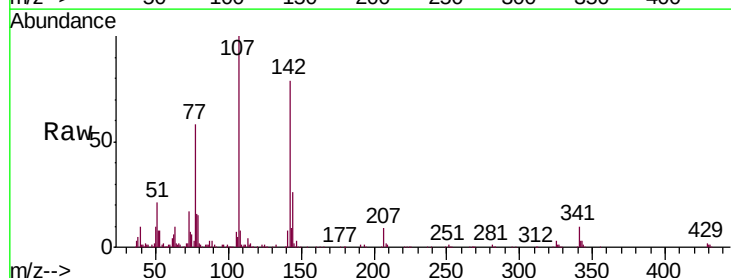
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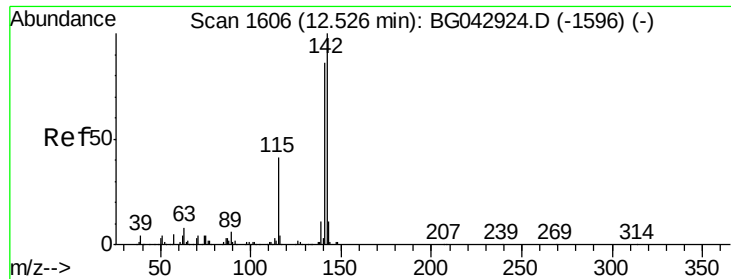
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#36
 4-Chloro-3-methylphenol
 Concen: 47.810 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. -0.02 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.7	31.1
142	79.2	58.6	87.8





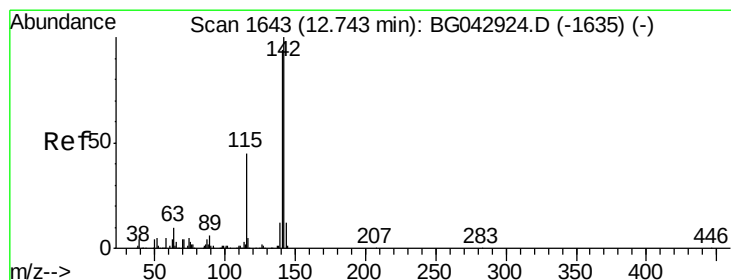
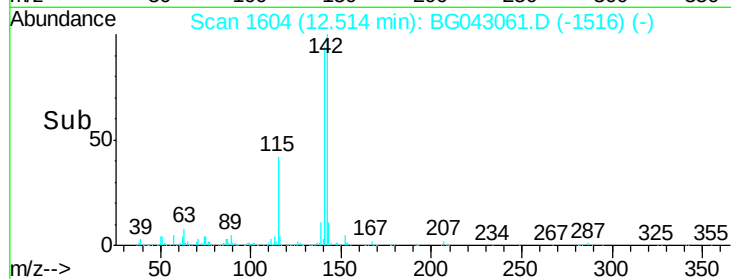
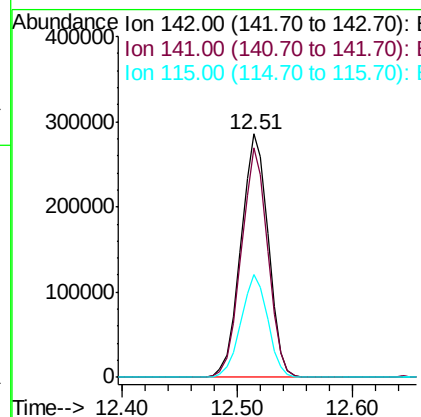
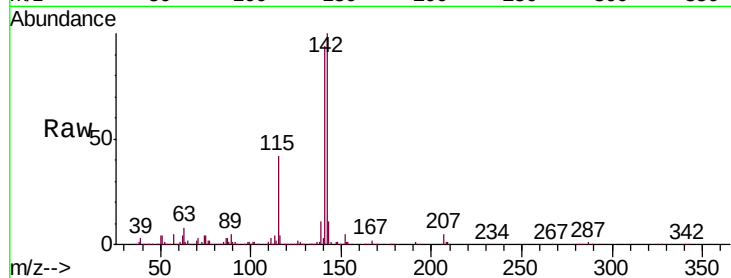
#37
 2-Methylnaphthalene
 Concen: 50.695 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	94.1	69.0	103.4	
115	42.4	32.8	49.2	

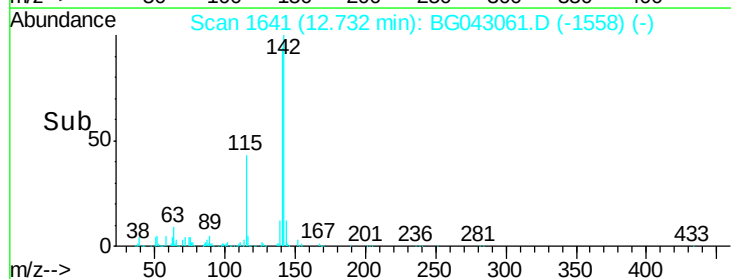
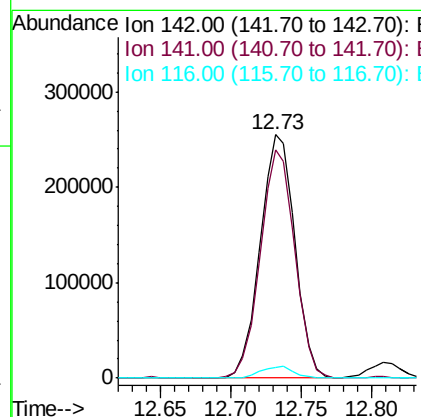
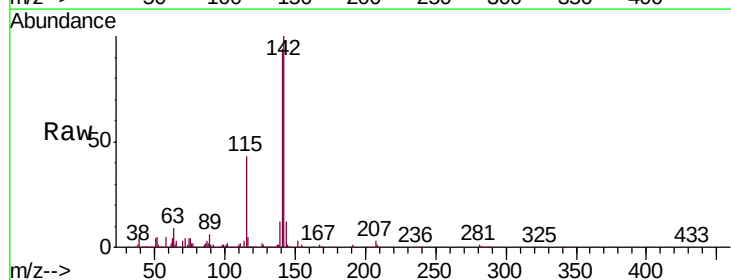
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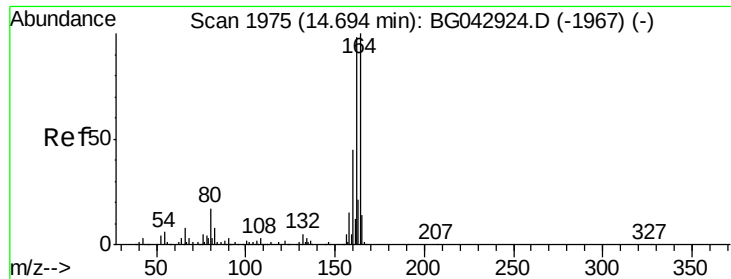
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#38
 1-Methylnaphthalene
 Concen: 50.258 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	93.9	74.9	112.3	
116	4.6	3.7	5.5	





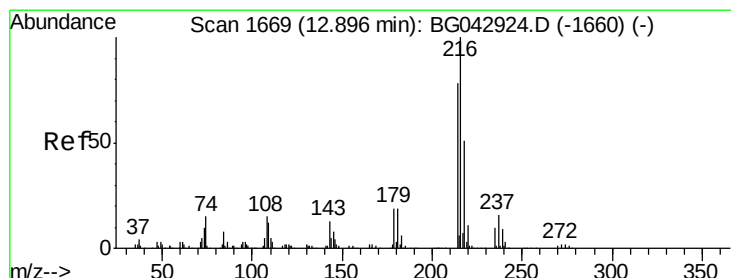
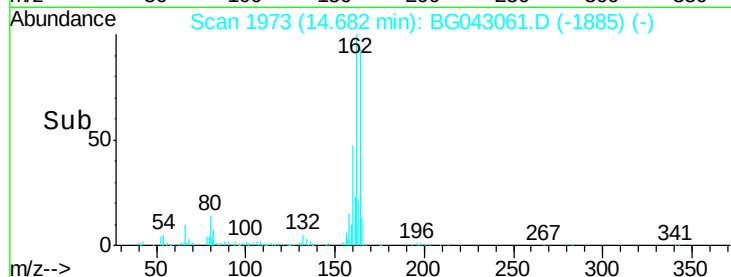
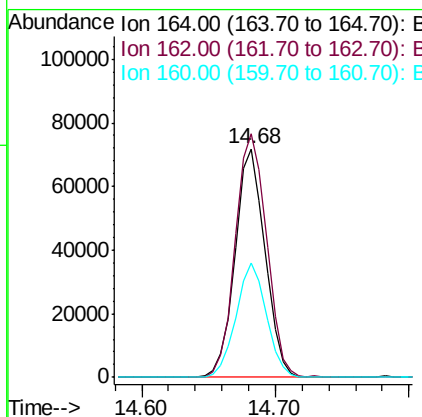
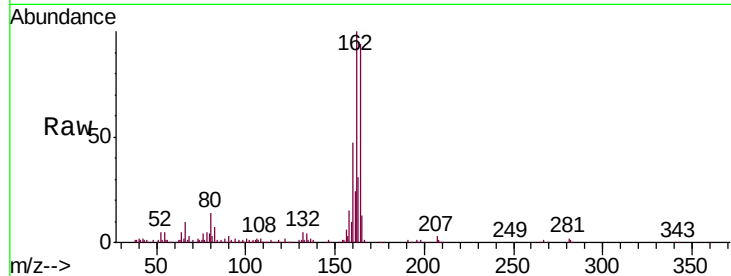
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleID :
HR-05-100219MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	111585		
162	106.4	78.5	117.7	
160	49.9	35.9	53.9	

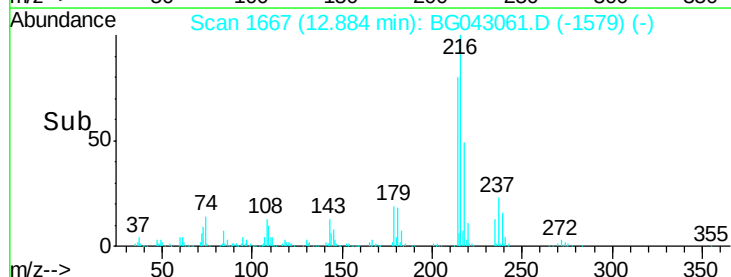
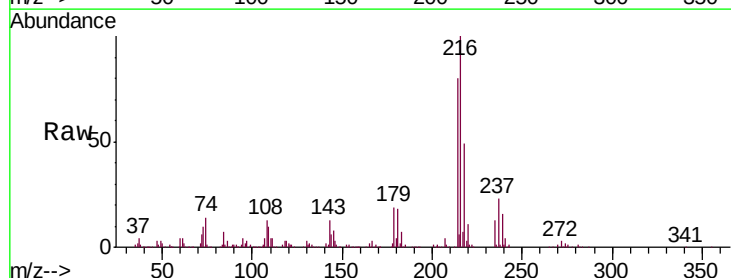
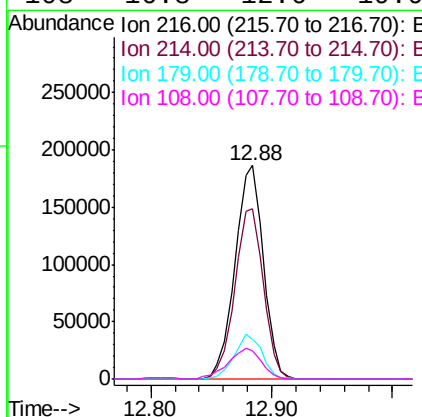
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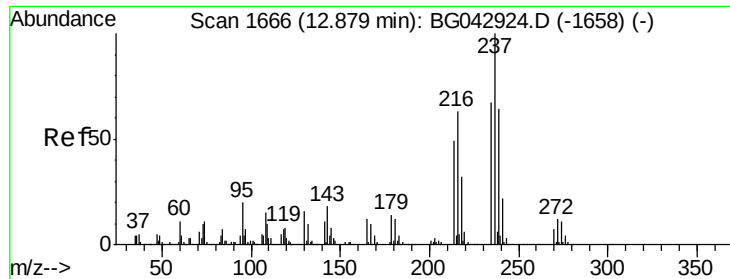
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 72.565 ng
RT: 12.88 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	304449		
214	80.6	62.4	93.6	
179	20.4	15.4	23.2	
108	16.8	12.6	19.0	





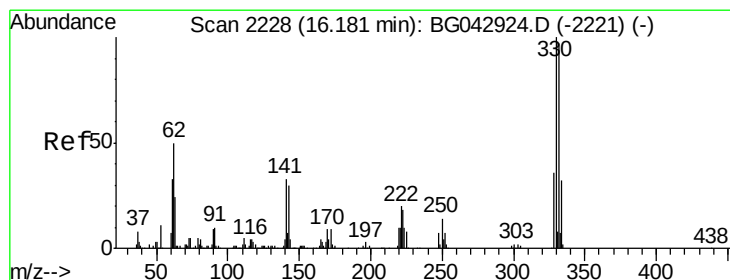
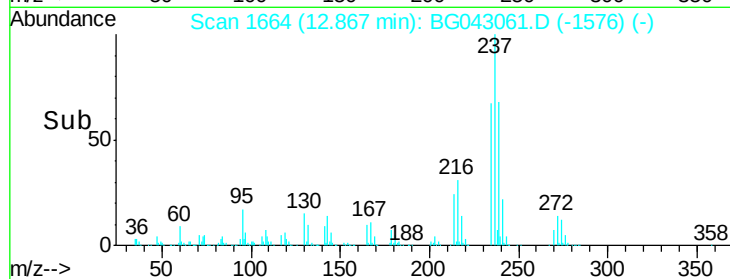
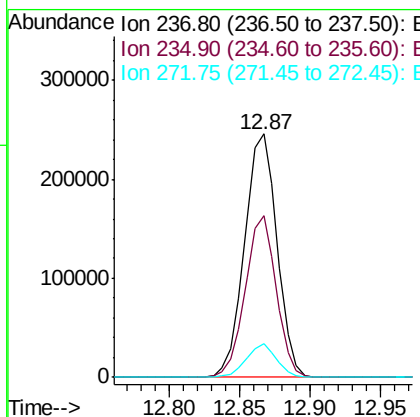
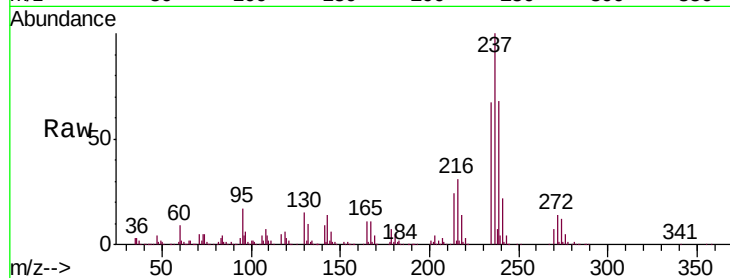
#41
Hexachlorocyclopentadiene
Concen: 147.959 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	66.7	46.7	86.7
272	13.8	0.0	32.3

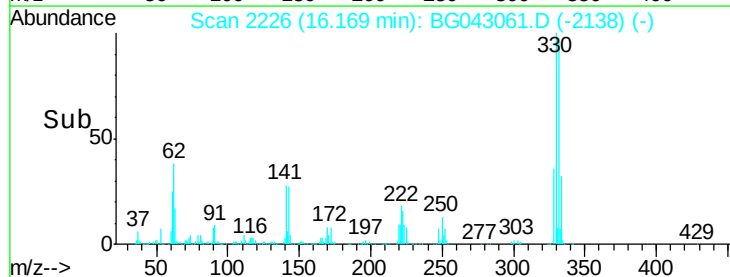
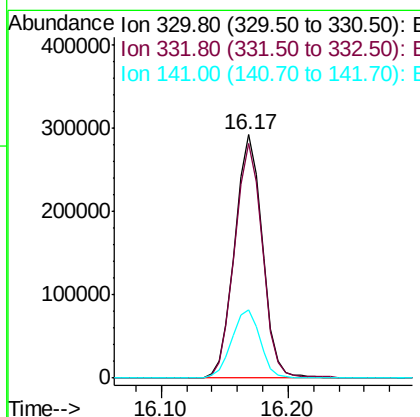
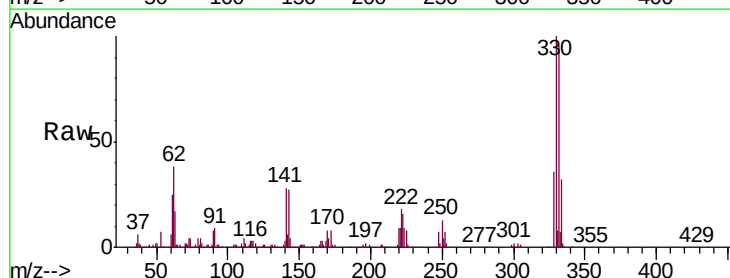
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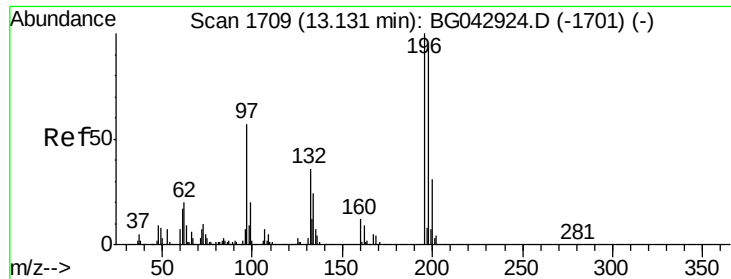
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#42
2,4,6-Tribromophenol
Concen: 230.145 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.0	78.2	117.2
141	28.8	26.0	39.0





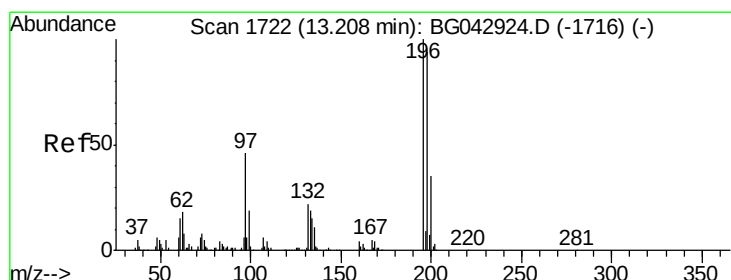
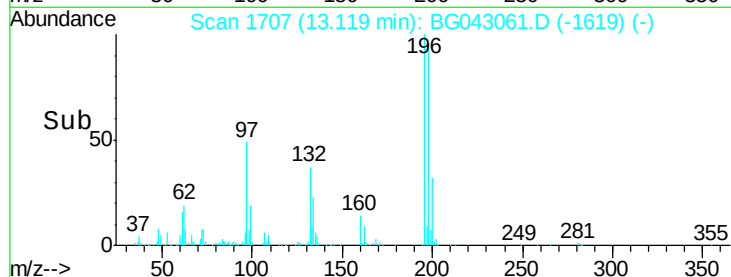
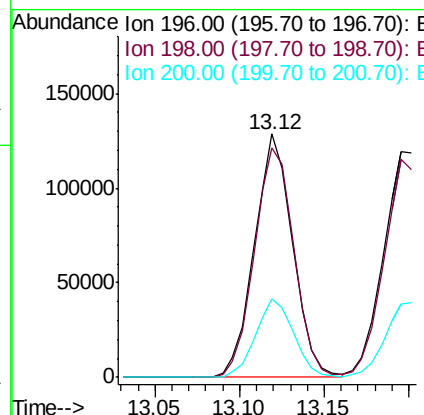
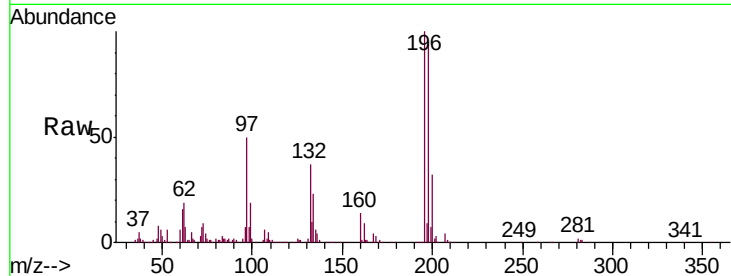
#43
 2,4,6-Trichlorophenol
 Concen: 82.637 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	202927		
198	94.2	75.5	113.3	
200	32.3	24.9	37.3	

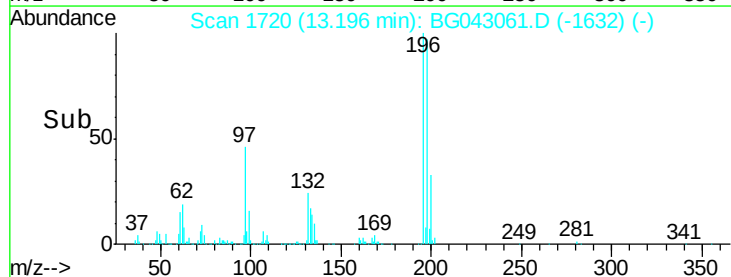
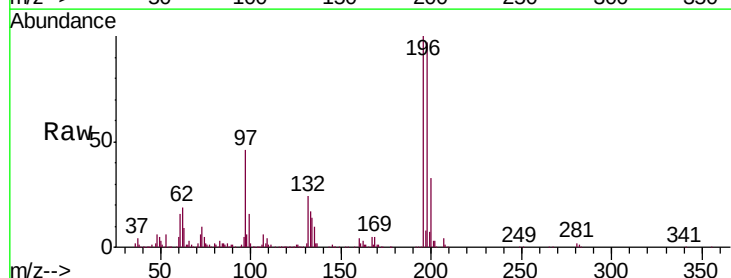
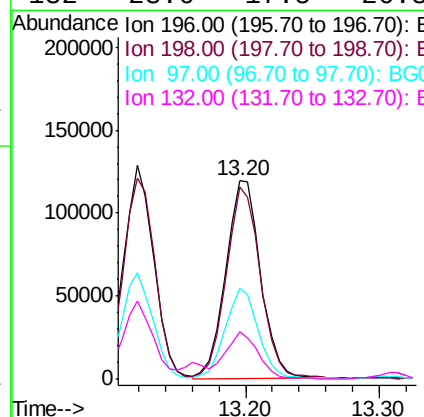
Manual Integrations
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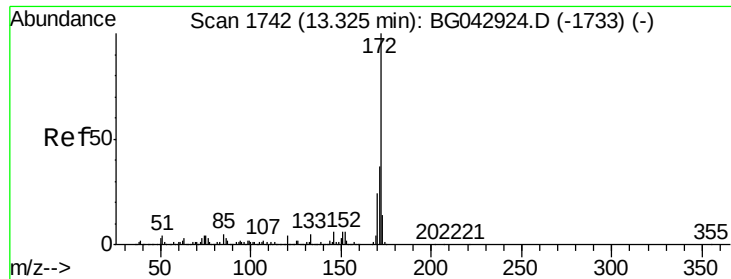
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 85.735 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	216884		
198	96.7	75.1	112.7	
97	46.0	37.0	55.4	
132	23.6	17.5	26.3	





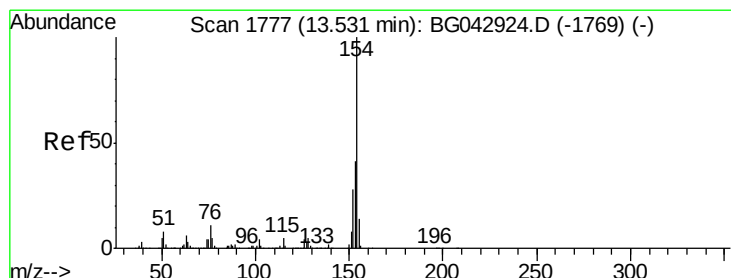
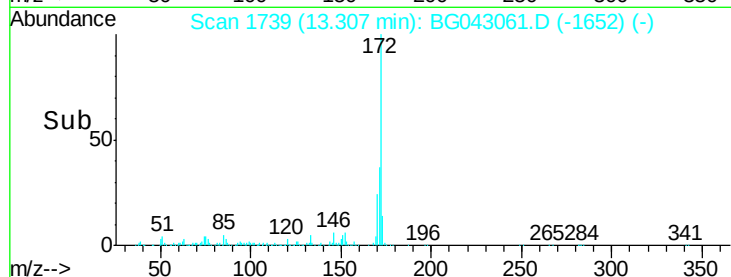
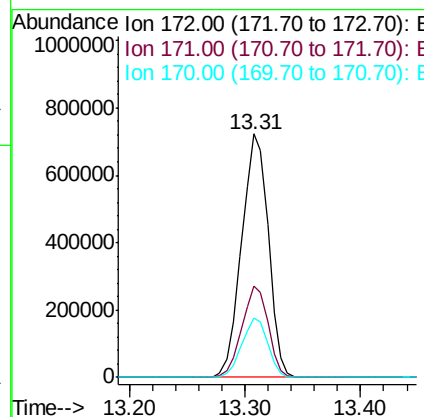
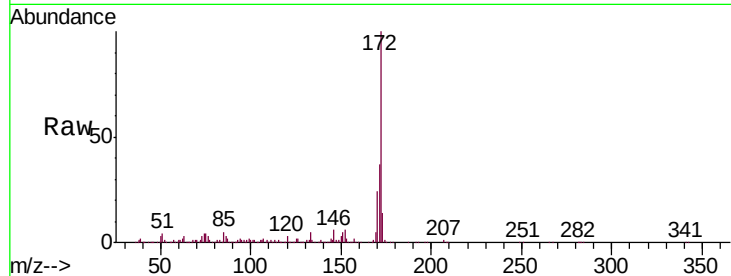
#45
 2-Fluorobiphenyl
 Concen: 150.336 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.6	44.4
170	24.3	19.6	29.4

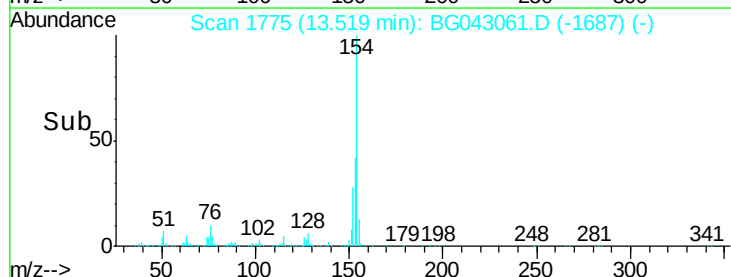
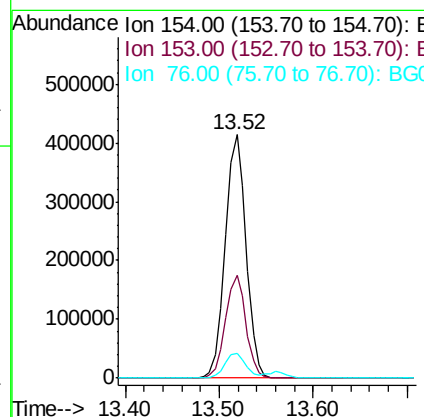
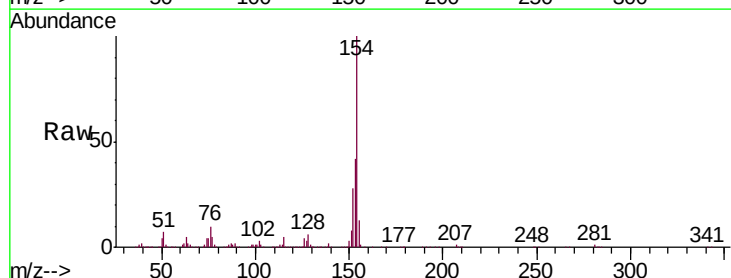
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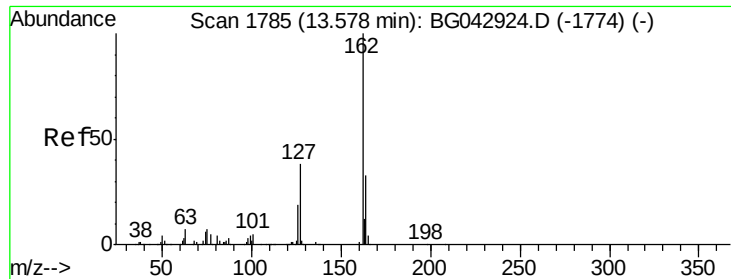
mohammad
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#46
 1,1'-Biphenyl
 Concen: 75.421 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.4	61.4
76	10.4	0.0	31.3





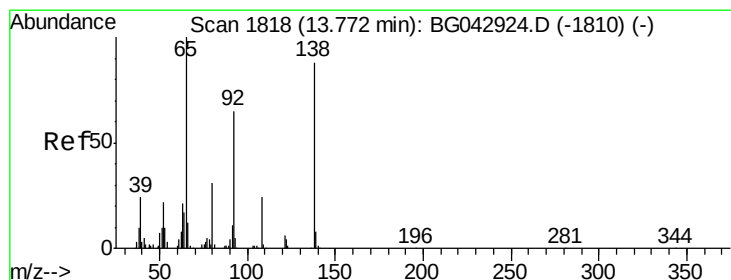
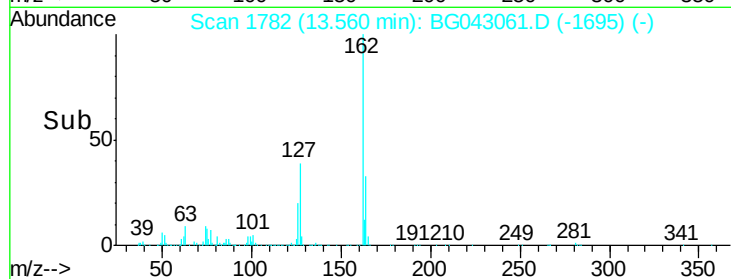
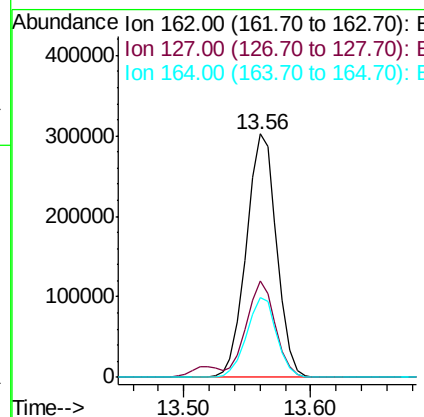
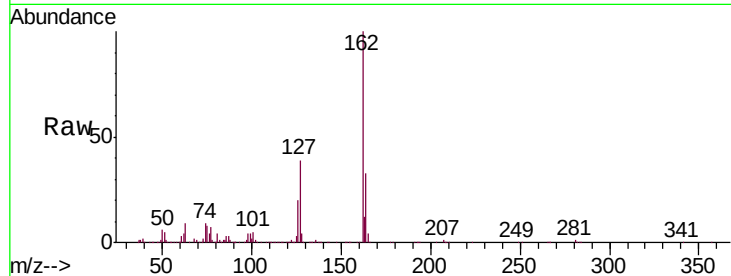
#47
 2-Chloronaphthalene
 Concen: 79.024 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	501354		
127	39.4	31.0	46.6	
164	32.8	26.2	39.2	

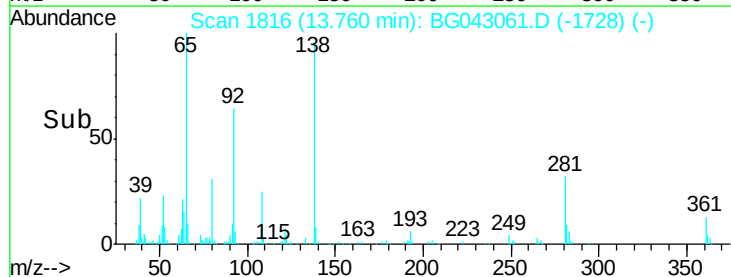
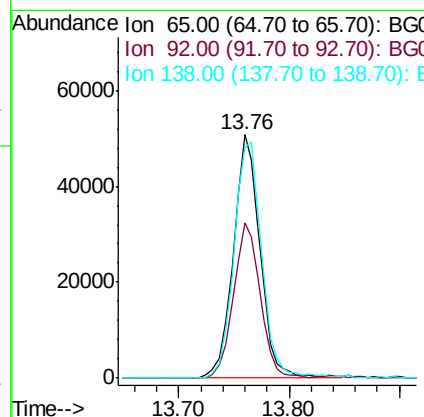
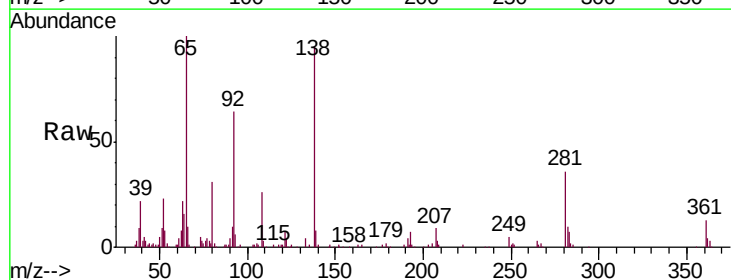
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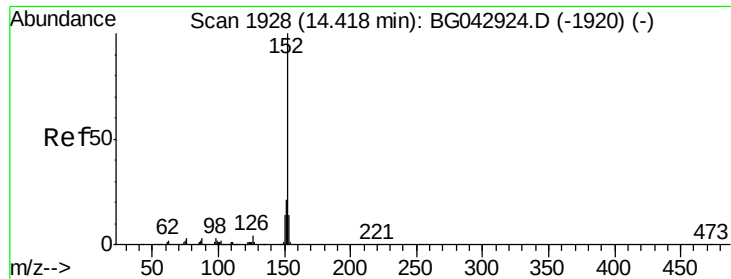
mohammad
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#48
 2-Nitroaniline
 Concen: 40.877 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	86242		
92	63.7	52.0	78.0	
138	95.0	70.4	105.6	





#49

Acenaphthylene

Concen: 26.052 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043061.D

Acq: 5 Oct 2019 18:42

Instrument :

BNA_G

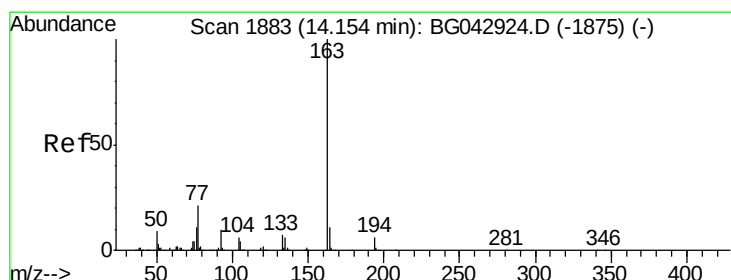
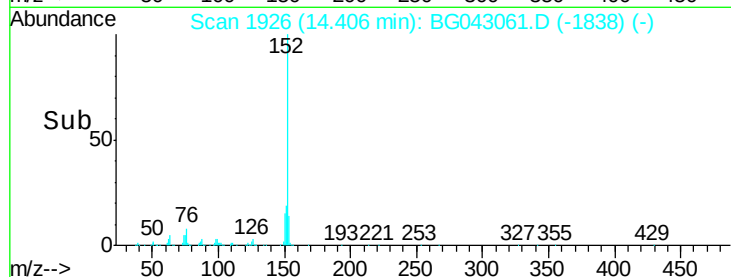
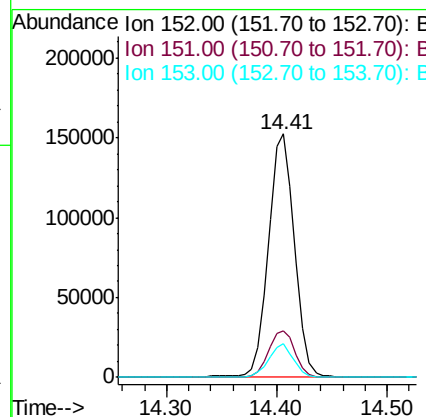
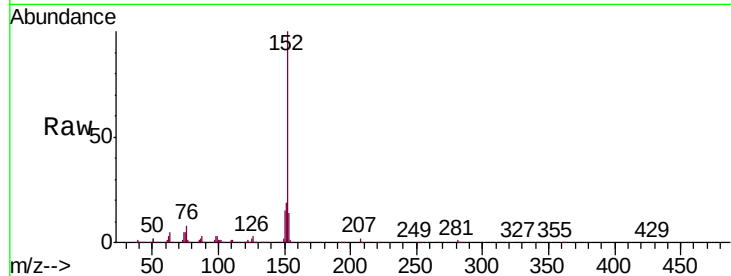
ClientSampleId :

HR-05-100219MS

Tgt Ion:	152	Resp:	252906
Ion Ratio		Lower	Upper
152	100		
151	18.9	16.8	25.2
153	14.0	11.3	16.9

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#50

Dimethylphthalate

Concen: 85.585 ng

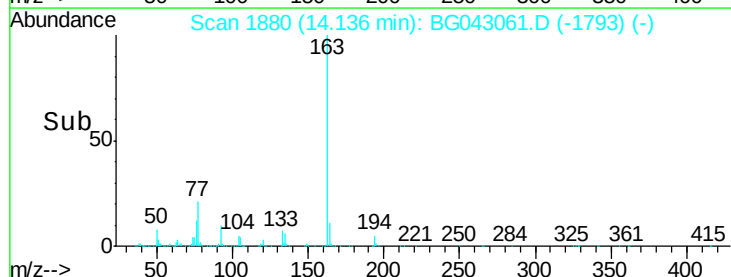
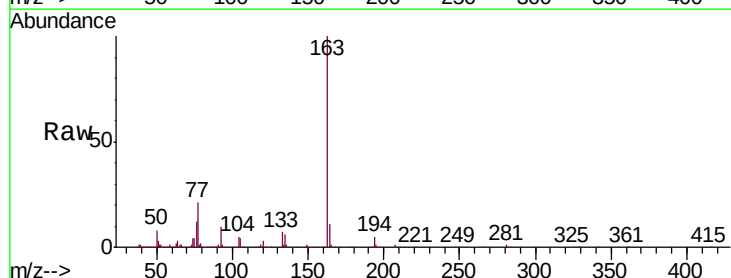
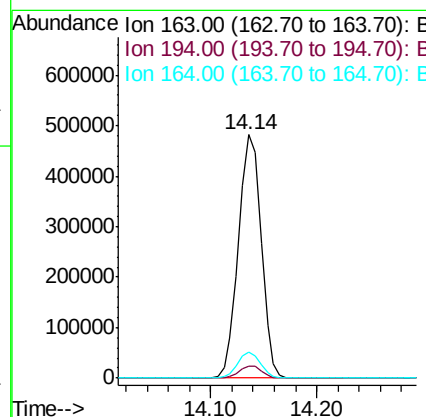
RT: 14.14 min Scan# 1880

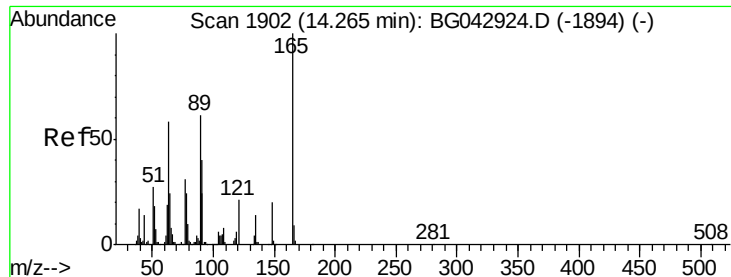
Delta R.T. -0.02 min

Lab File: BG043061.D

Acq: 5 Oct 2019 18:42

Tgt Ion:	163	Resp:	715550
Ion Ratio		Lower	Upper
163	100		
194	4.8	4.4	6.6
164	10.6	8.6	12.8





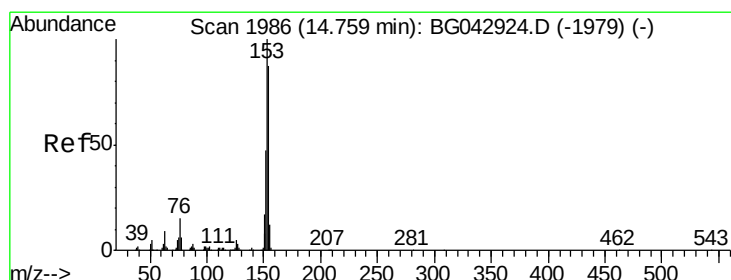
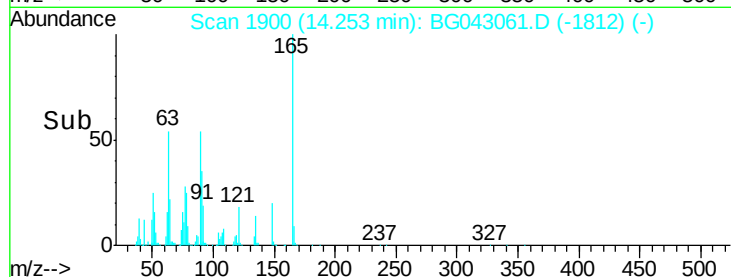
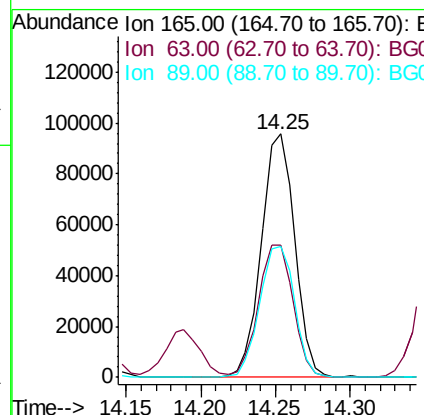
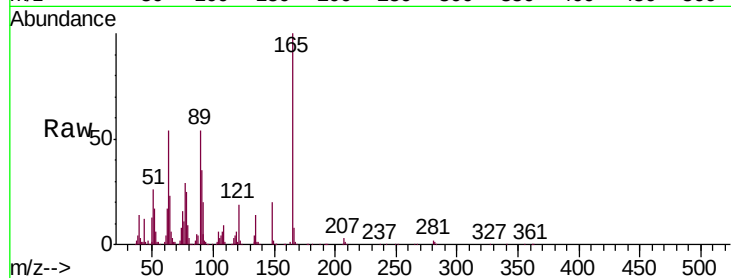
#51
 2,6-Dinitrotoluene
 Concen: 82.860 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.4	50.3	75.5
89	53.9	48.9	73.3

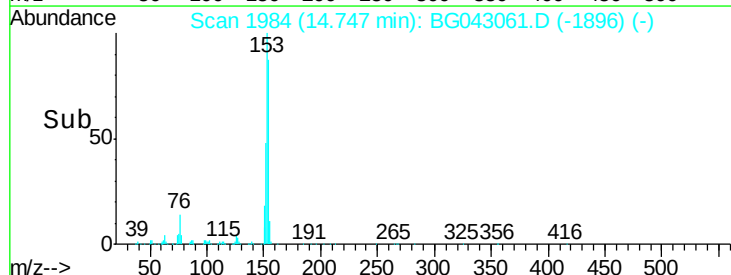
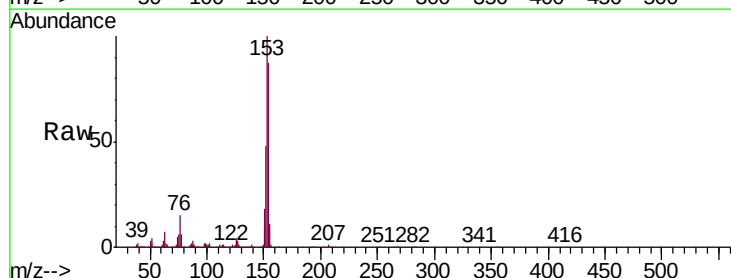
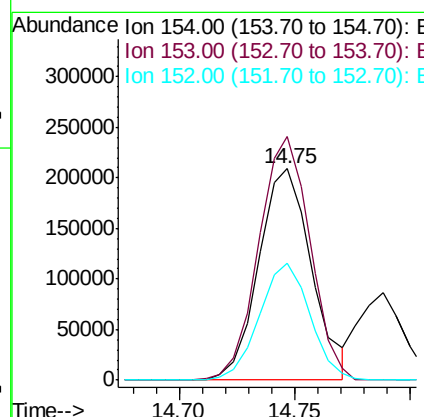
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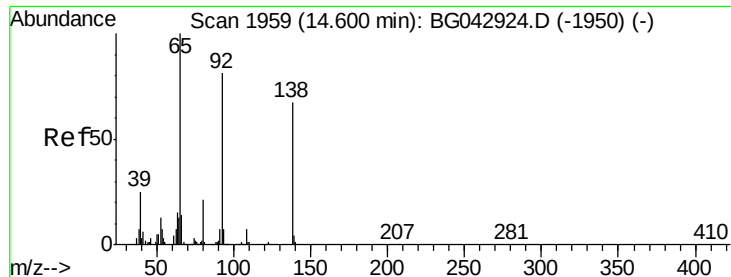
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#52
 Acenaphthene
 Concen: 51.241 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.3	91.4	137.0
152	55.4	42.8	64.2





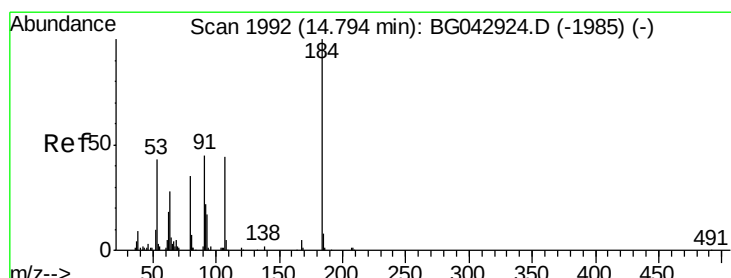
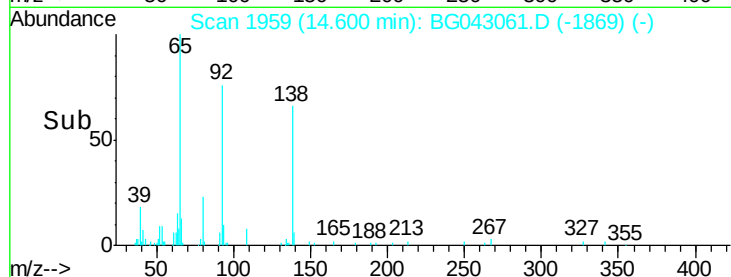
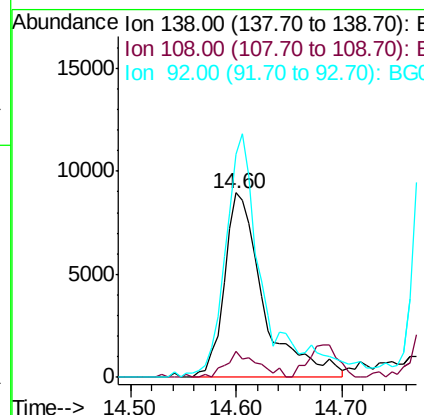
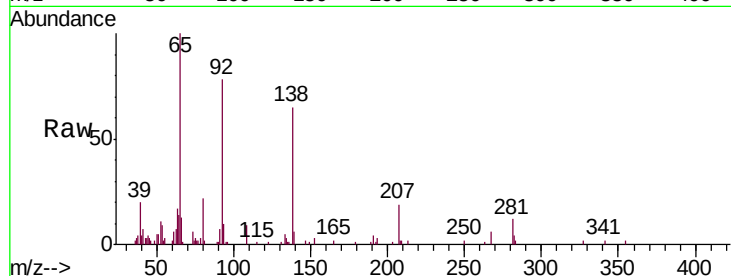
#53
 3-Nitroaniline
 Concen: 12.512 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.00 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.8	7.9	11.9#
92	120.8	97.0	145.6

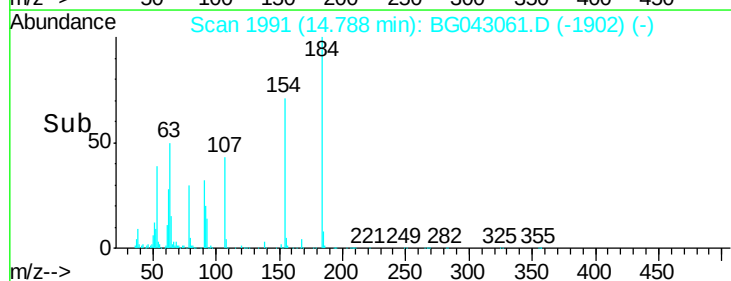
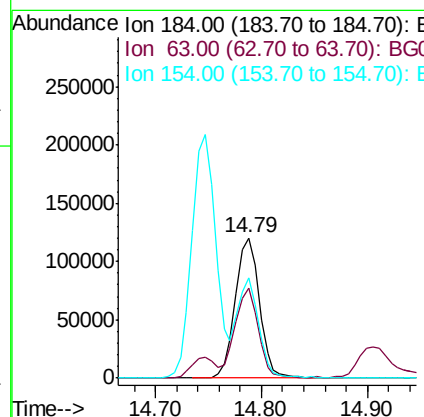
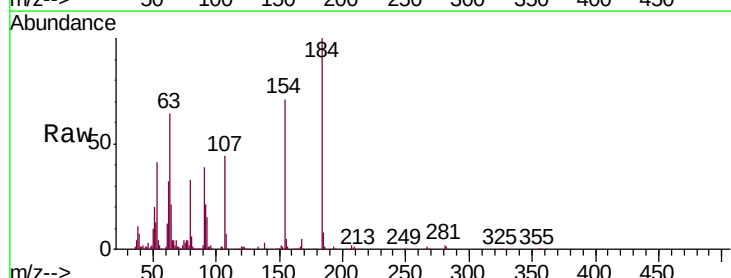
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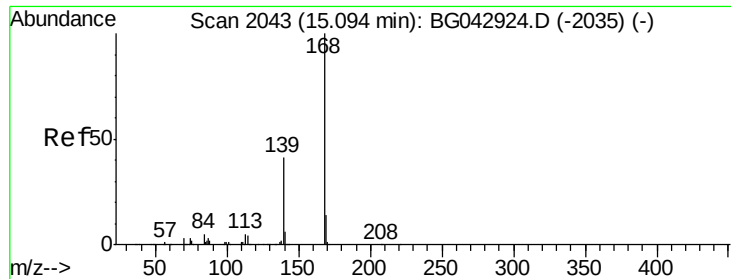
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 171.875 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.3	55.0	82.6
154	71.4	56.5	84.7





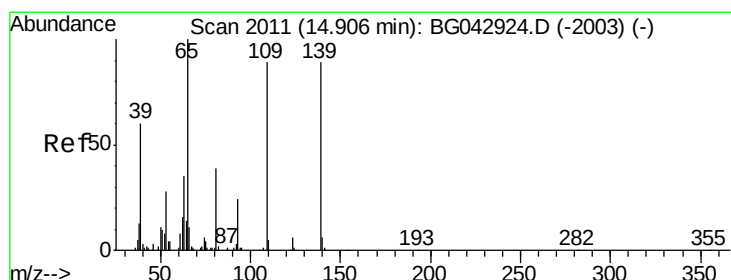
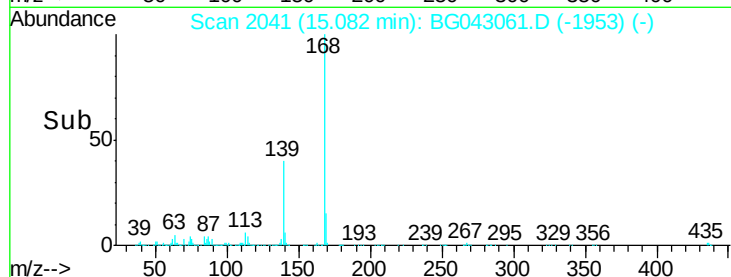
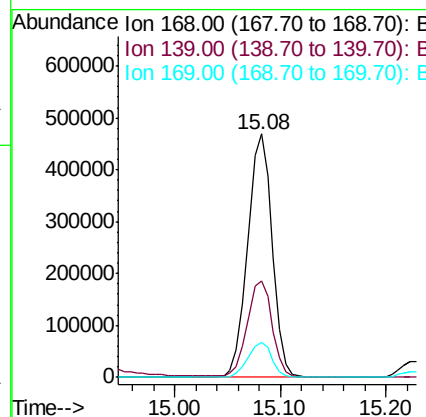
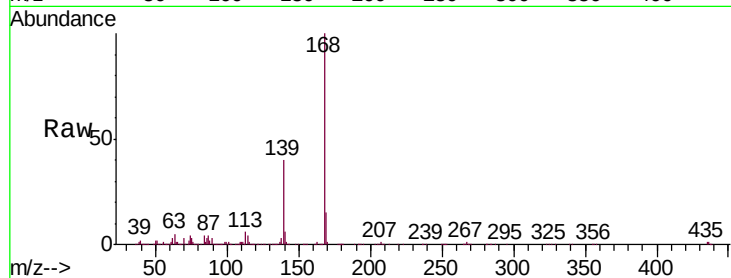
#55
Dibenzenofuran
Concen: 78.527 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	754819		
139	39.6		32.6	48.8
169	14.6		11.2	16.8

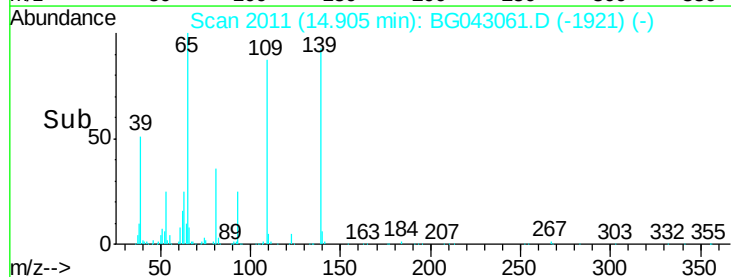
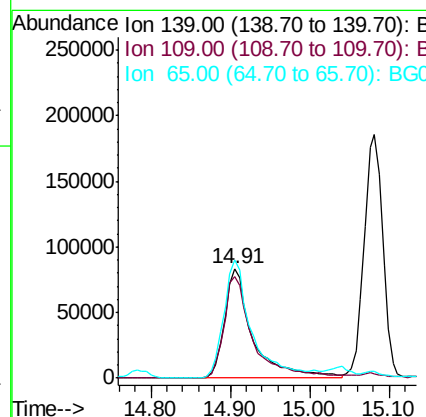
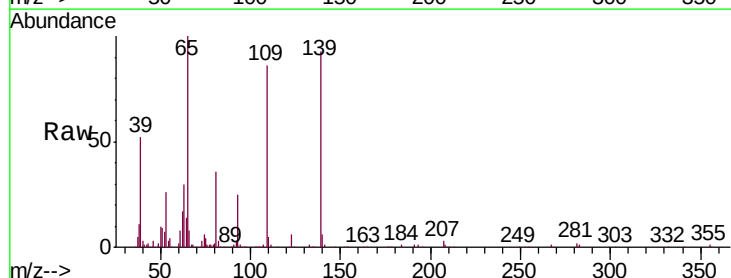
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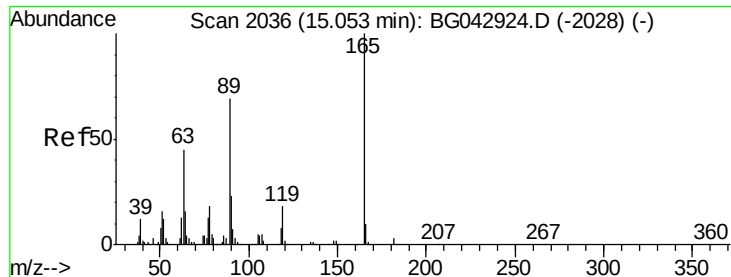
mohammad
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#56
4-Nitrophenol
Concen: 146.356 ng
RT: 14.91 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	205187		
109	92.7		79.4	119.4
65	107.5		92.5	132.5





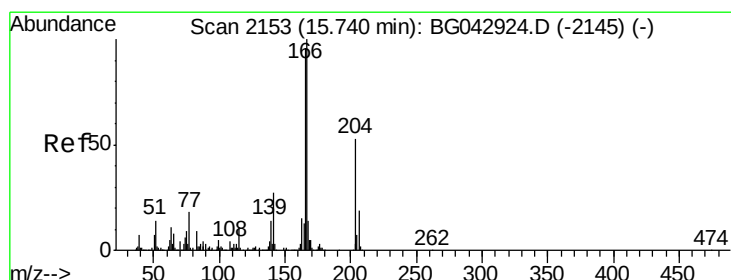
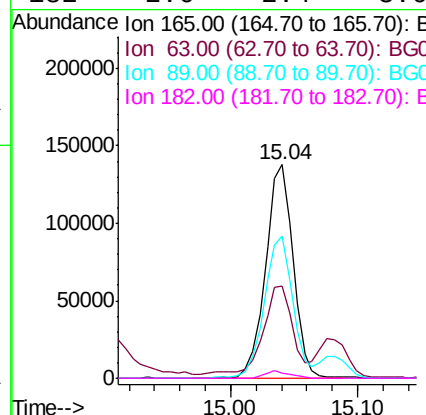
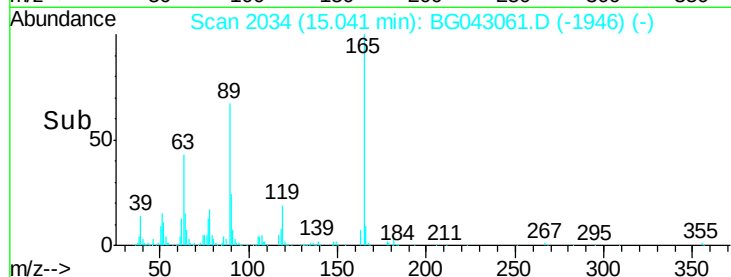
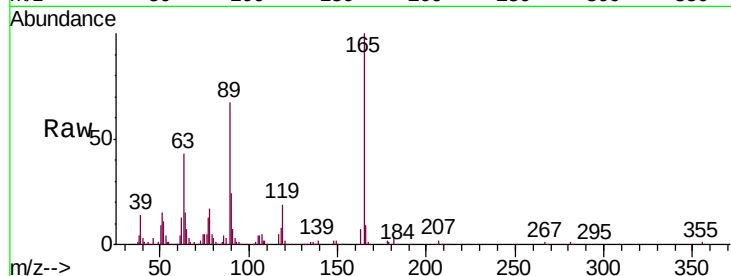
#57
2,4-Dinitrotoluene
Concen: 80.096 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	208834		
63	43.0	36.5	54.7	
89	66.8	55.5	83.3	
182	2.6	2.4	3.6	

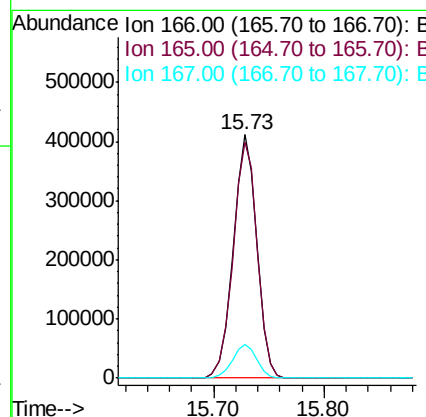
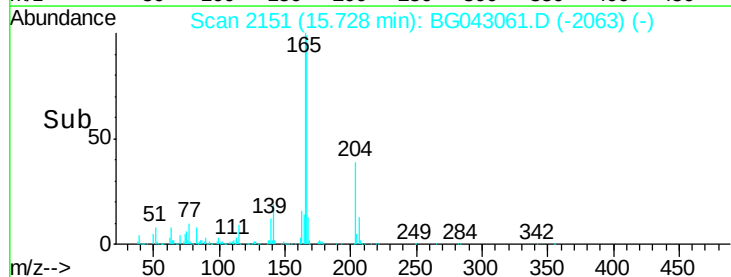
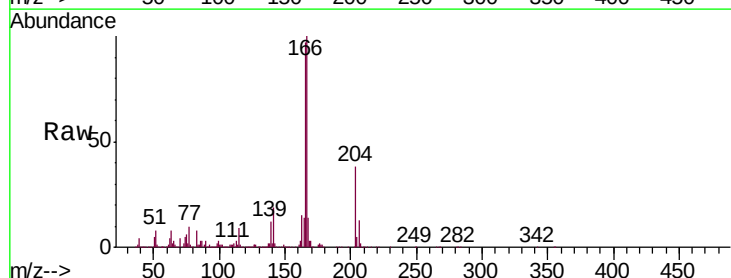
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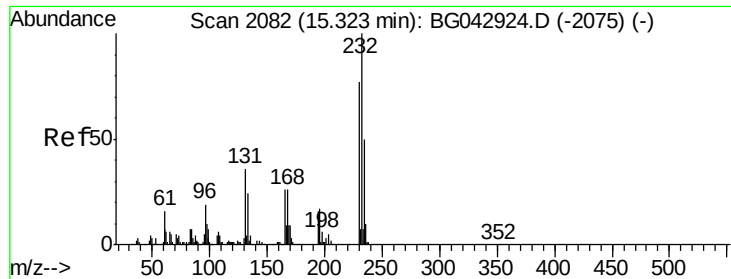
mohammad
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#58
Fluorene
Concen: 74.776 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	613650		
165	97.1	77.1	115.7	
167	13.7	11.0	16.6	





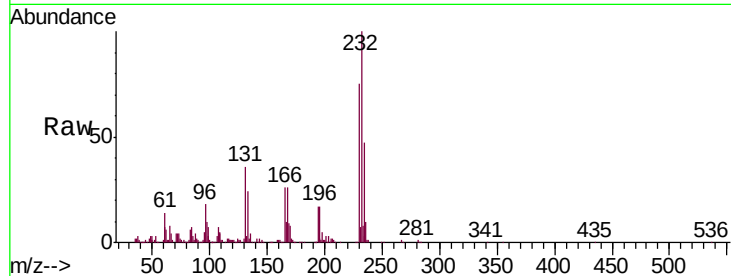
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 80.387 ng
 RT: 15.31 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

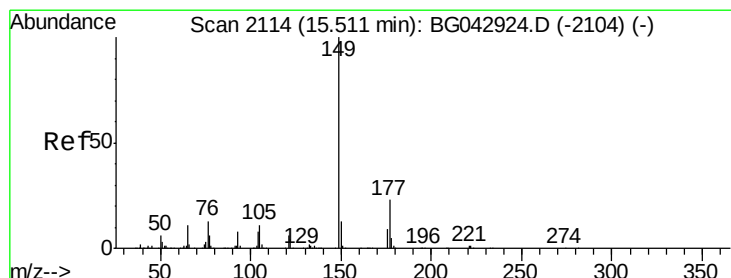
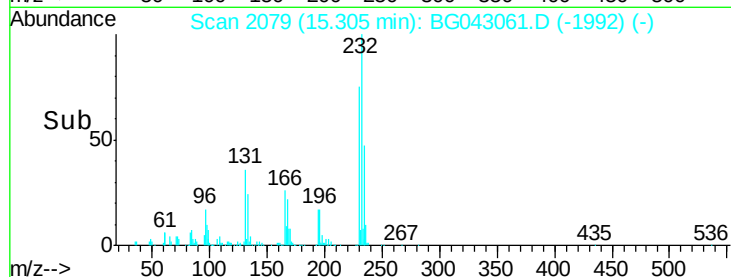
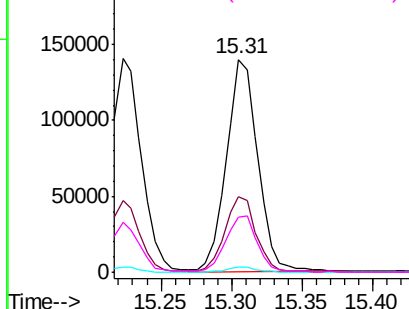
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	216521		
131	35.0	29.6	44.4	
130	2.4	1.9	2.9	
166	27.2	21.8	32.8	

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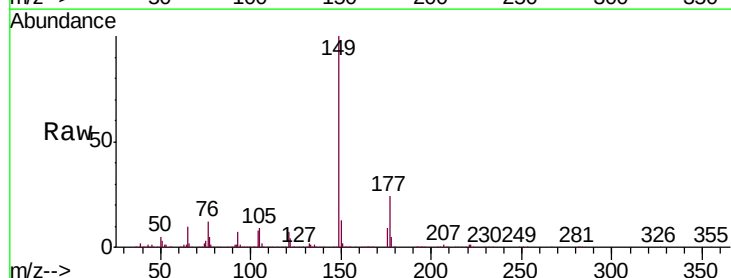


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

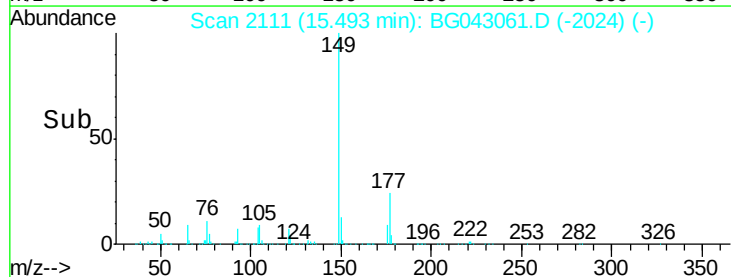
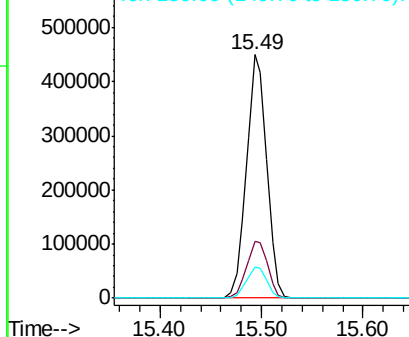


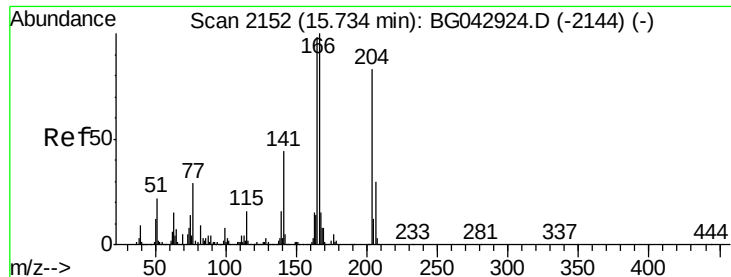
#60
 Diethylphthalate
 Concen: 72.875 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.02 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	620068		
177	23.5	18.8	28.2	
150	12.7	10.6	15.8	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





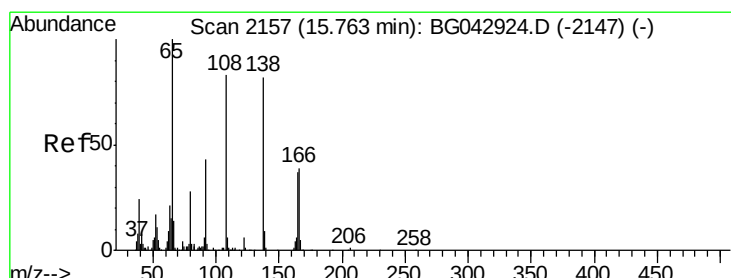
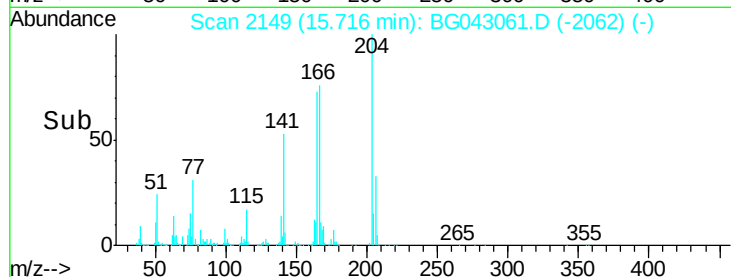
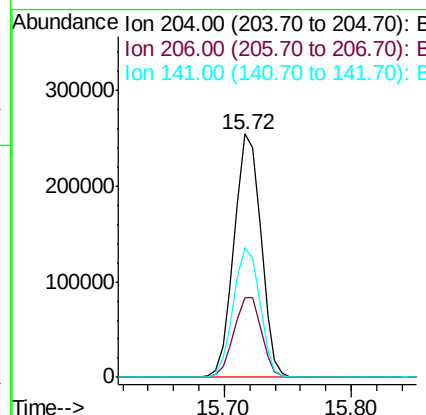
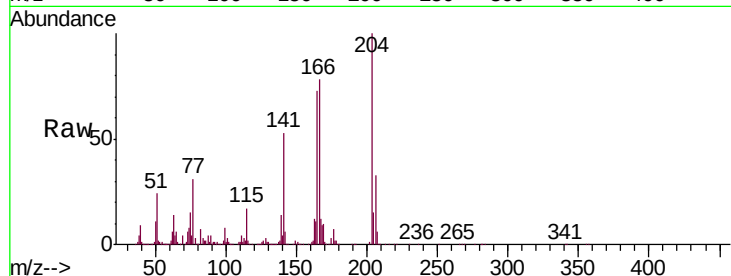
#61
4-Chlorophenyl-phenylether
Concen: 75.591 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	28.5	42.7
141	53.3	42.4	63.6

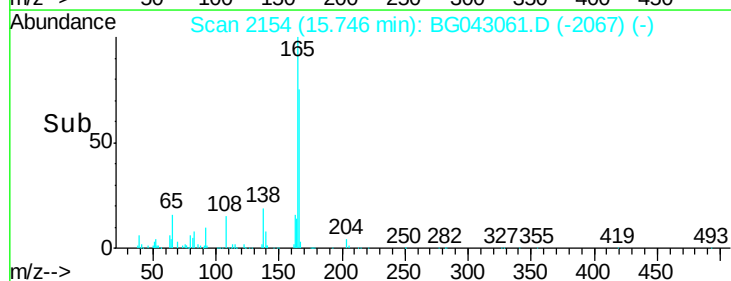
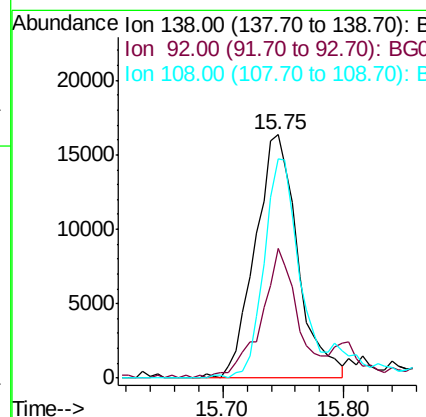
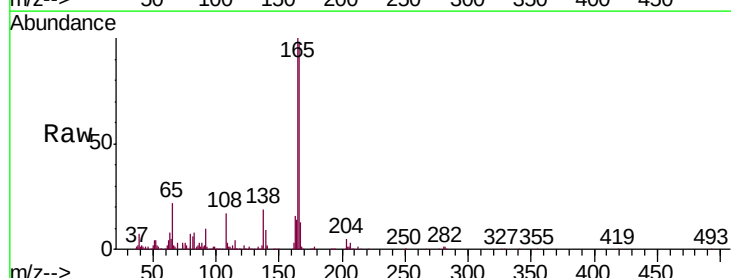
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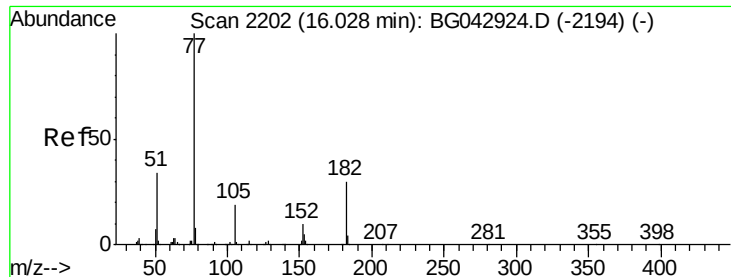
mohammad
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#62
4-Nitroaniline
Concen: 19.925 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.02 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.2	32.9	72.9
108	89.9	81.3	121.3





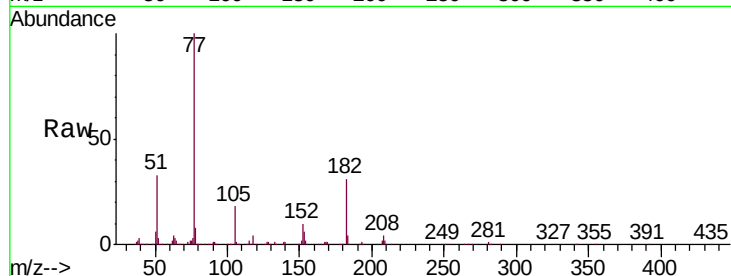
#63
Azobenzene
Concen: 23.472 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

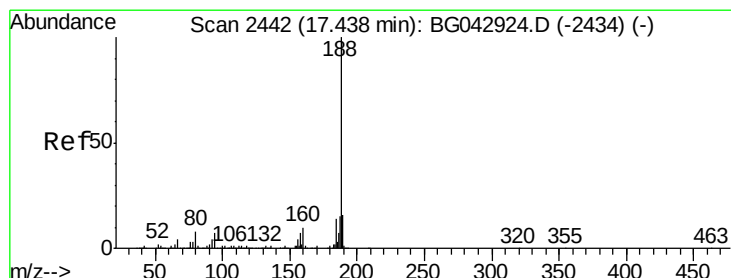
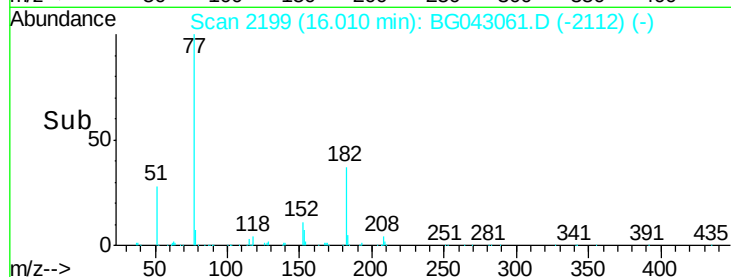
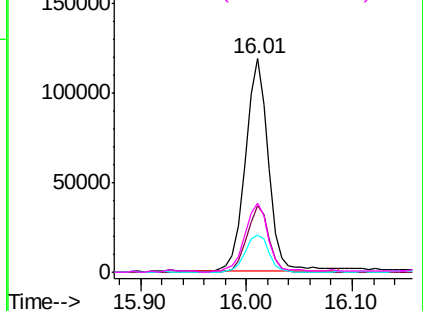
Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.9	10.2	50.2
105	17.6	0.0	39.1
51	32.6	13.9	53.9

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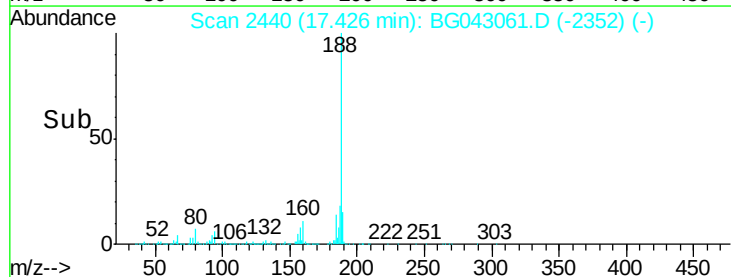
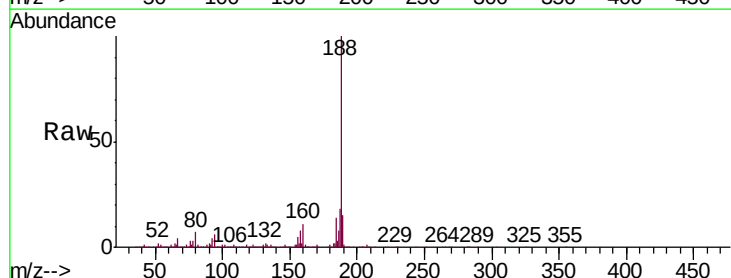
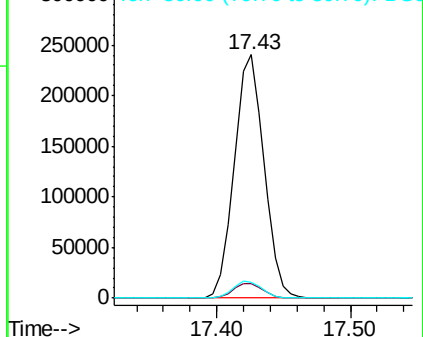
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

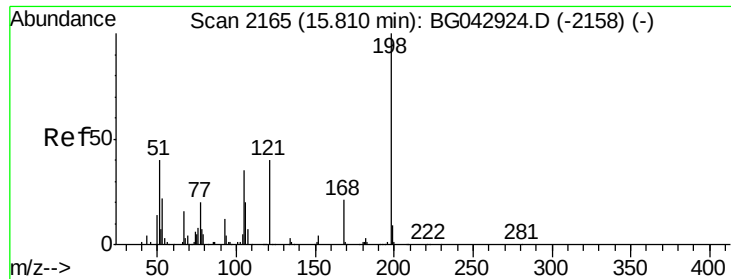


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.7	8.5
80	6.6	6.5	9.7

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





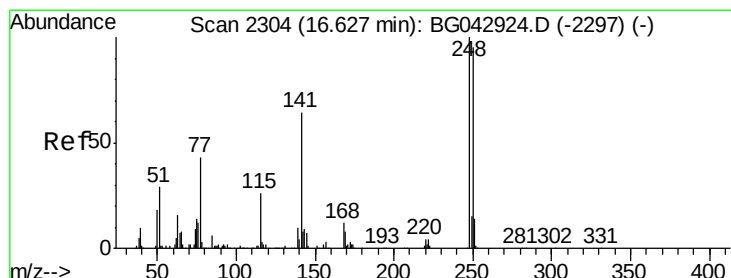
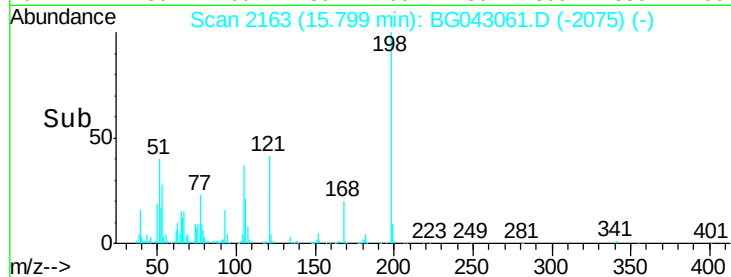
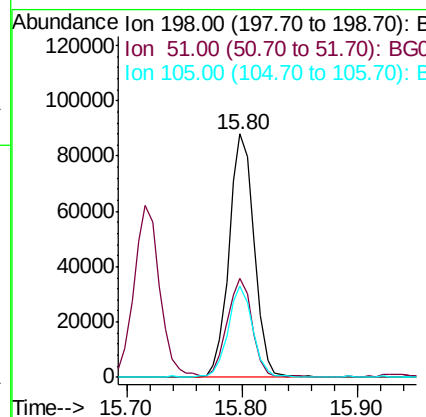
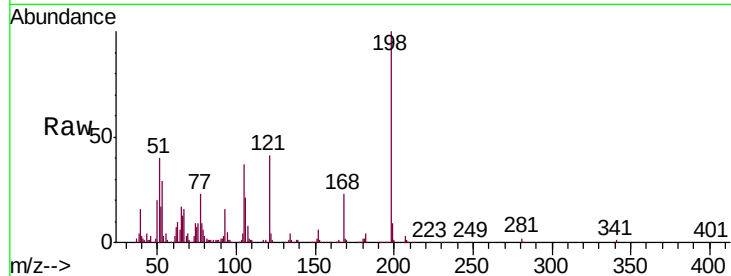
#65
 4,6-Dinitro-2-methylphenol
 Concen: 62.678 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	132288		
51	40.4	25.3	65.3	
105	37.4	16.6	56.6	

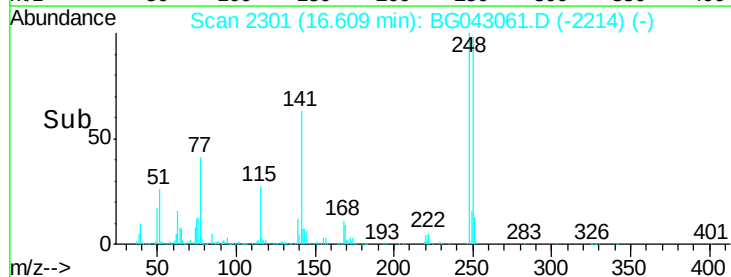
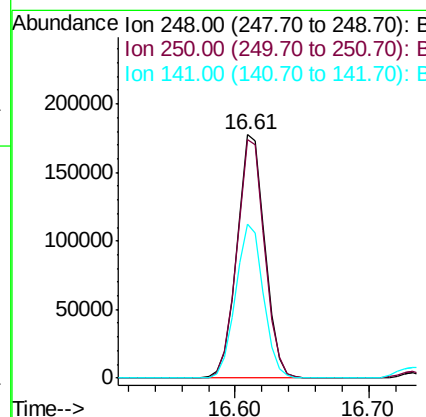
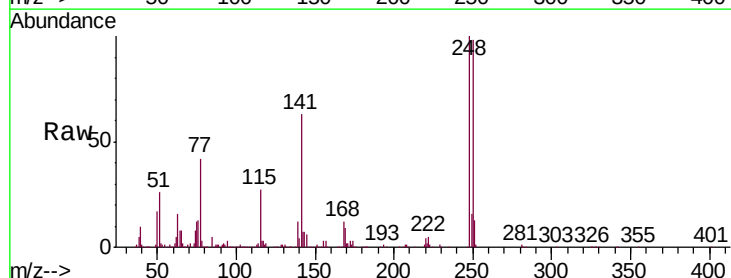
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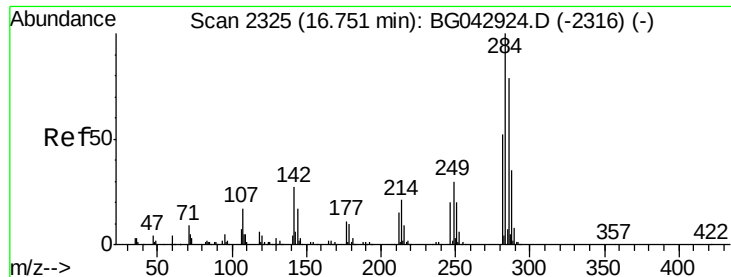
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#67
 4-Bromophenyl-phenylether
 Concen: 54.901 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	257012		
250	98.0	75.8	113.8	
141	63.4	51.1	76.7	





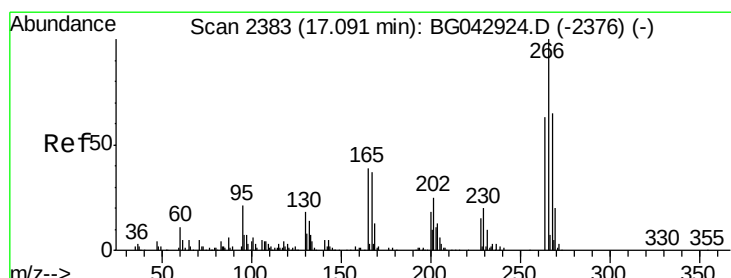
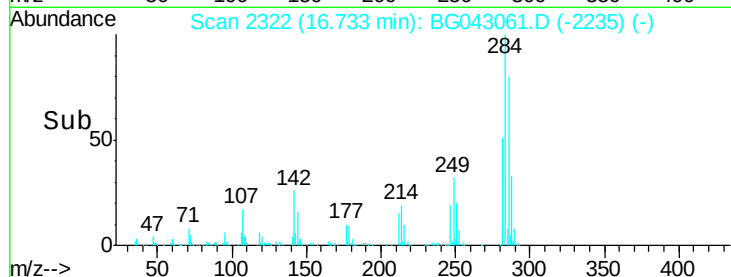
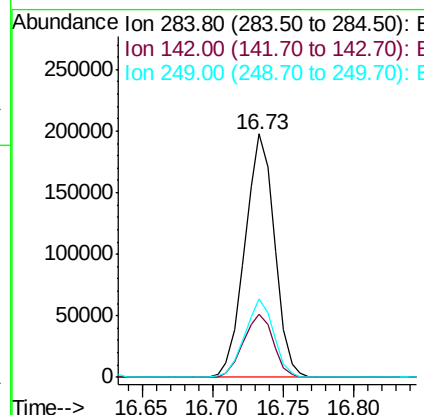
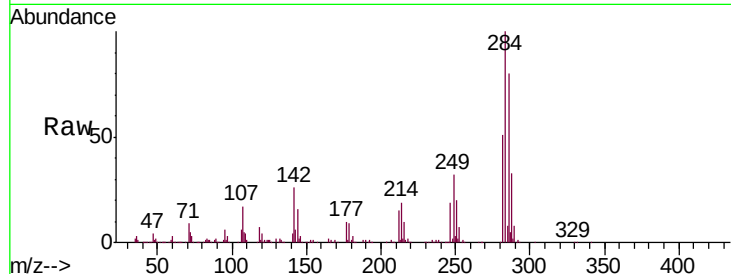
#68
Hexachlorobenzene
Concen: 55.712 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampled :
HR-05-100219MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	26.0	21.6	32.4
249	32.4	24.1	36.1

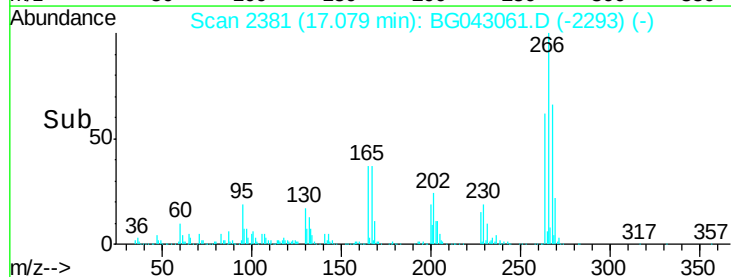
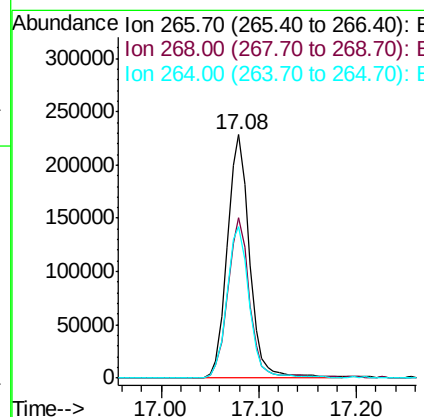
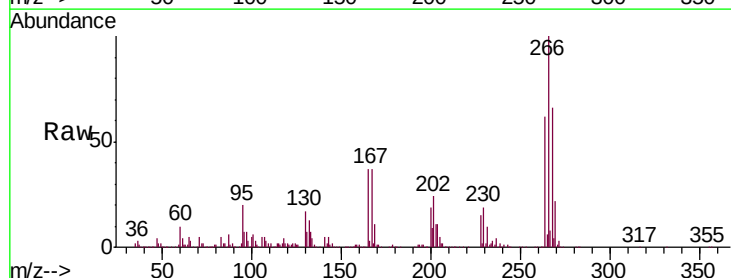
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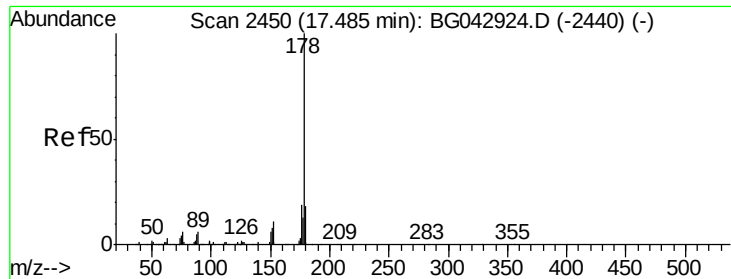
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#70
Pentachlorophenol
Concen: 120.595 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.1	52.2	78.2
264	62.4	50.7	76.1





#71

Phenanthrene

Concen: 54.270 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BG043061.D

Acq: 5 Oct 2019 18:42

Instrument :

BNA_G

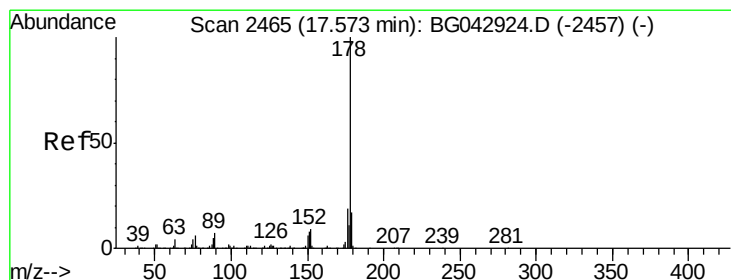
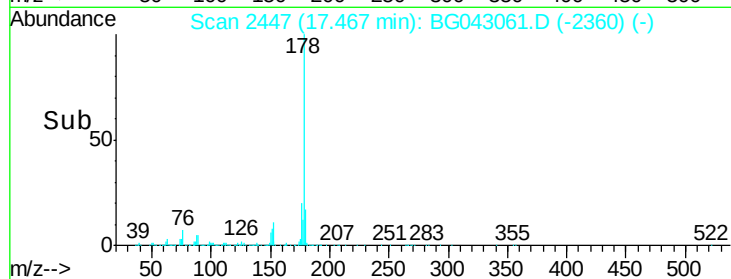
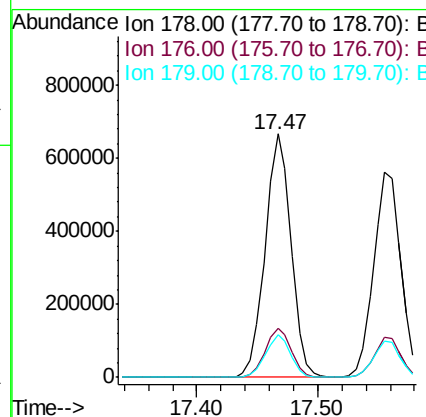
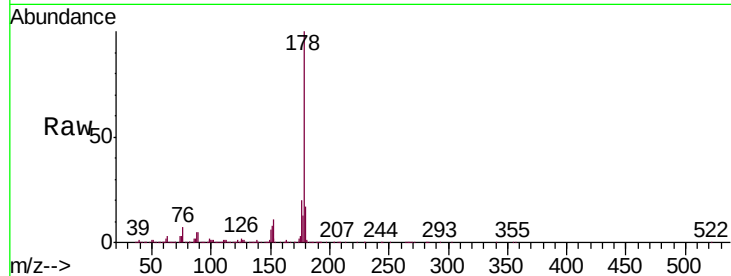
ClientSampleId :

HR-05-100219MS

Tgt Ion:	178	Resp:	988222
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.1	22.7
179	17.4	14.1	21.1

Manual Integrations
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#72

Anthracene

Concen: 48.653 ng

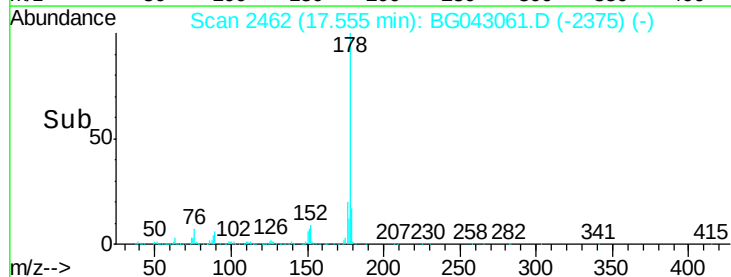
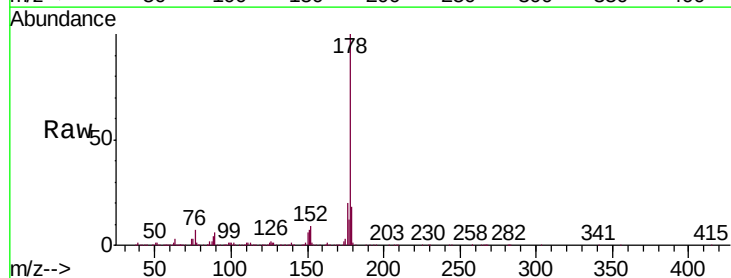
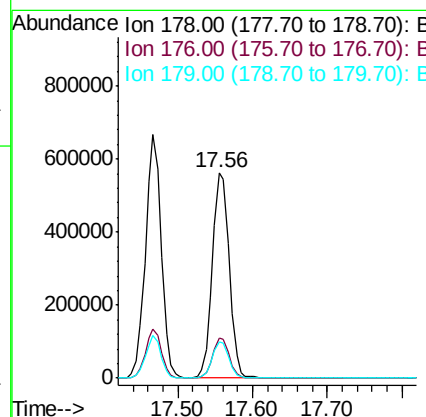
RT: 17.56 min Scan# 2462

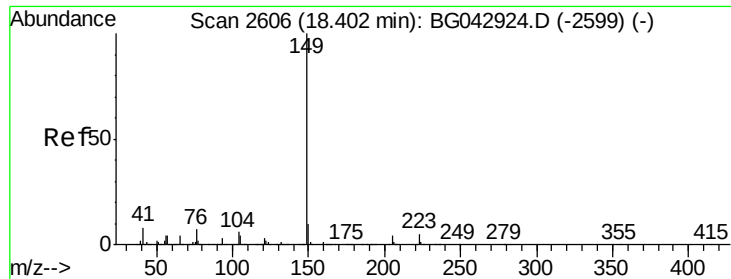
Delta R.T. -0.02 min

Lab File: BG043061.D

Acq: 5 Oct 2019 18:42

Tgt Ion:	178	Resp:	884435
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.5	23.3
179	17.7	13.5	20.3





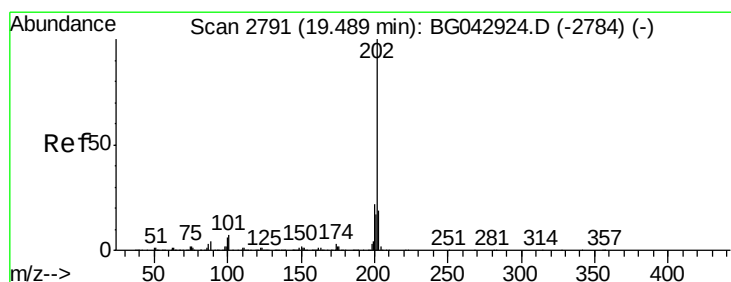
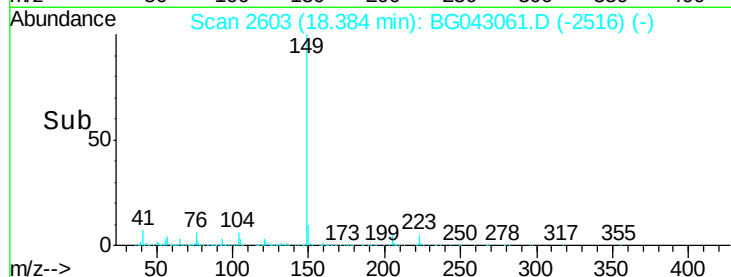
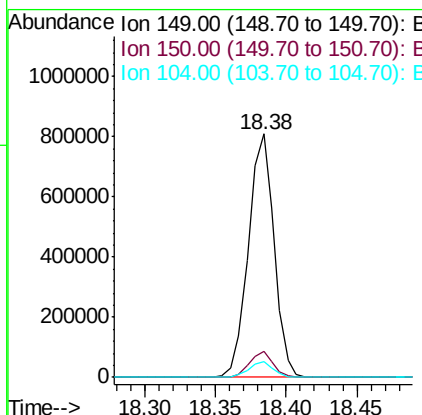
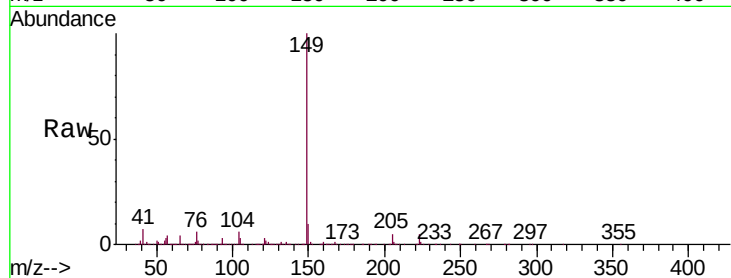
#74
Di-n-butylphthalate
Concen: 51.382 ng
RT: 18.38 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tgt Ion:149 Resp: 1033444
Ion Ratio Lower Upper
149 100
150 10.5 7.7 11.5
104 6.4 5.0 7.6

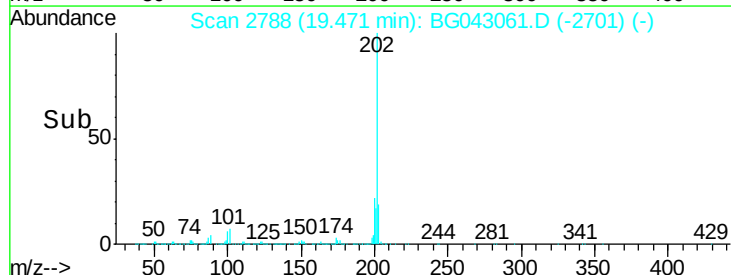
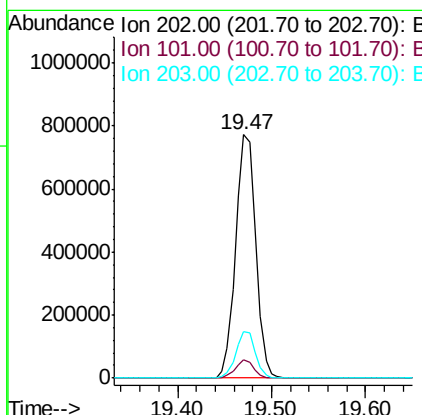
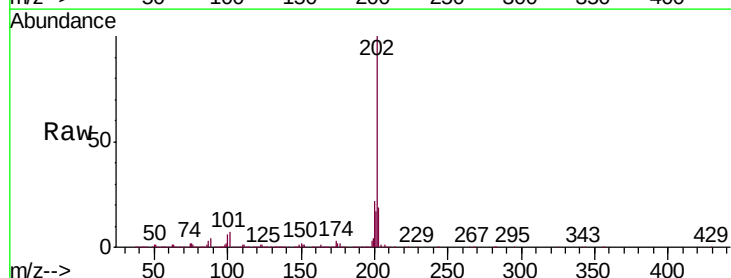
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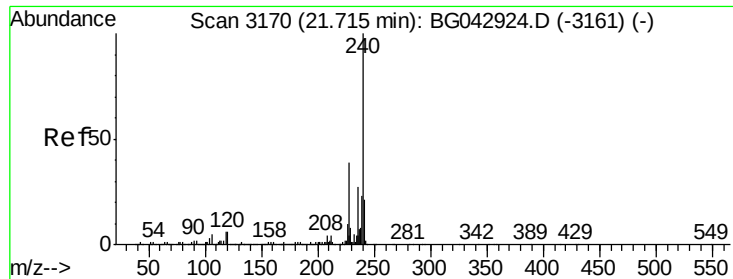
mohammad
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#75
Fluoranthene
Concen: 47.783 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.02 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion:202 Resp: 1150866
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.3
203 18.9 0.0 39.5





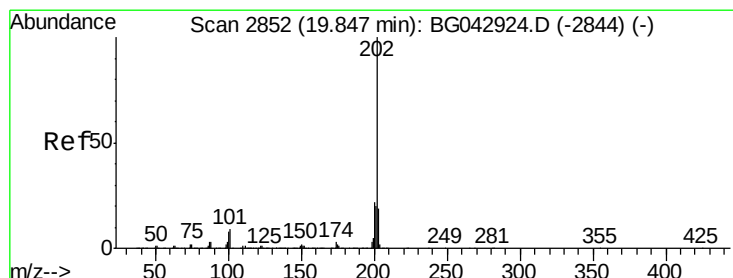
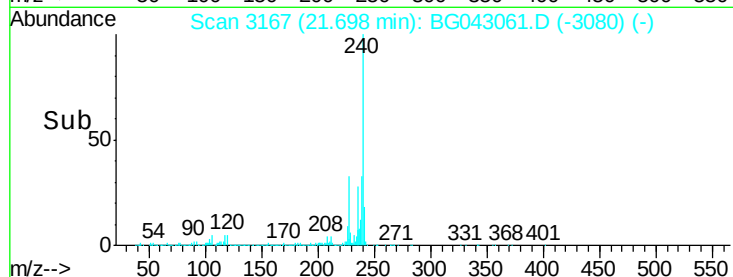
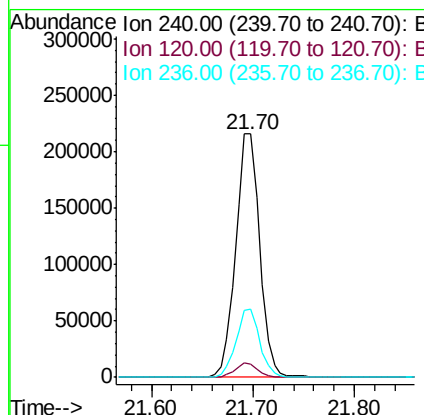
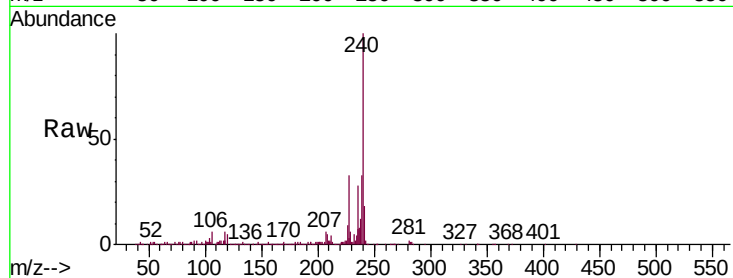
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	355174		
120	5.4	4.8	7.2	
236	27.8	21.4	32.0	

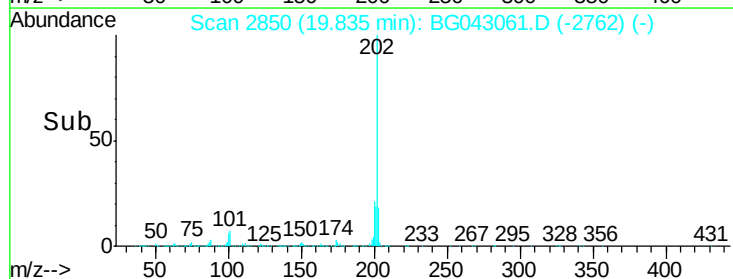
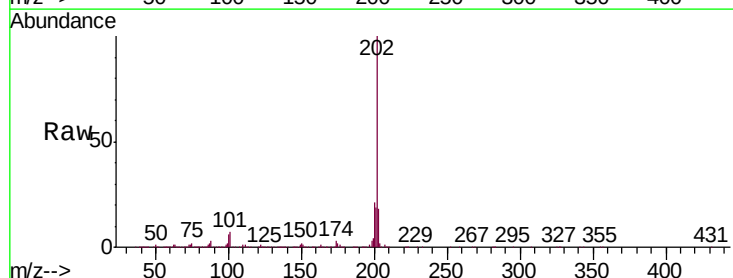
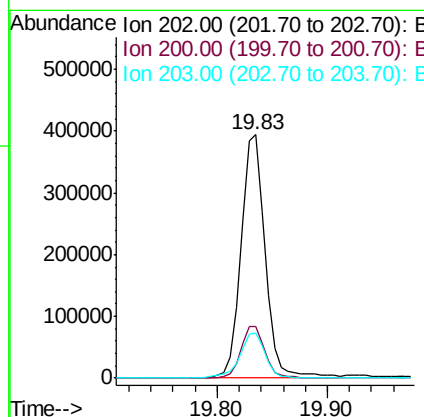
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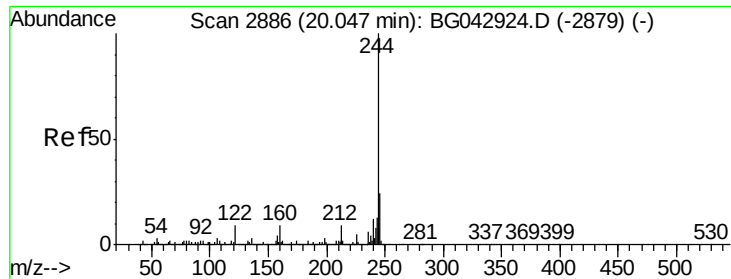
mohammad
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#78
 Pyrene
 Concen: 28.689 ng
 RT: 19.83 min Scan# 2850
 Delta R.T. -0.01 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	608171		
200	21.4	17.6	26.4	
203	18.5	15.2	22.8	





#79

Terphenyl-d14

Concen: 121.525 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043061.D

Acq: 5 Oct 2019 18:42

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MS

Tgt Ion:244 Resp: 2025580

Ion Ratio Lower Upper

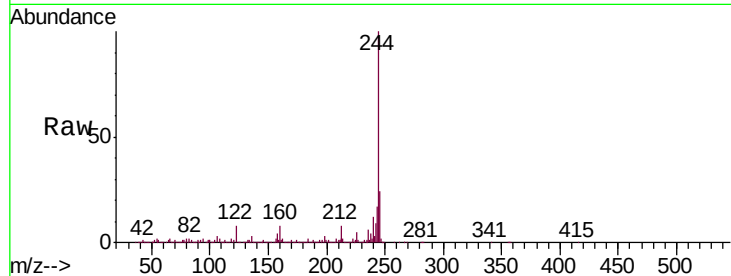
244 100

212 8.4 7.4 11.0

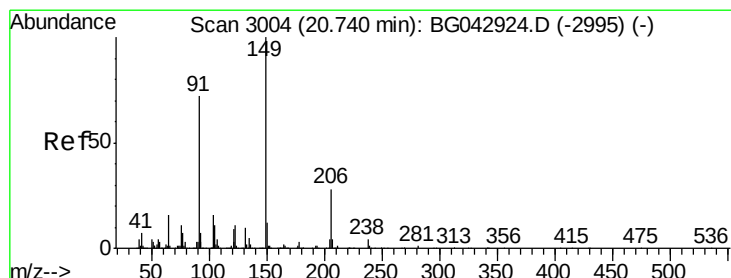
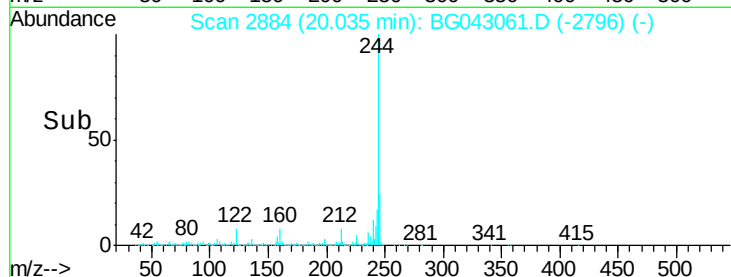
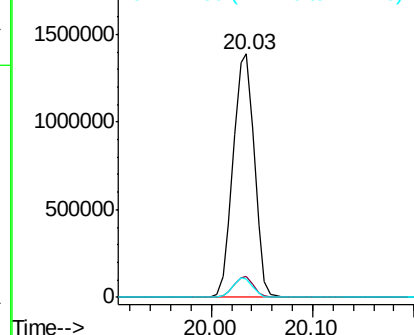
122 7.7 7.0 10.4

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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: 28.234 ng

RT: 20.72 min Scan# 3000

Delta R.T. -0.02 min

Lab File: BG043061.D

Acq: 5 Oct 2019 18:42

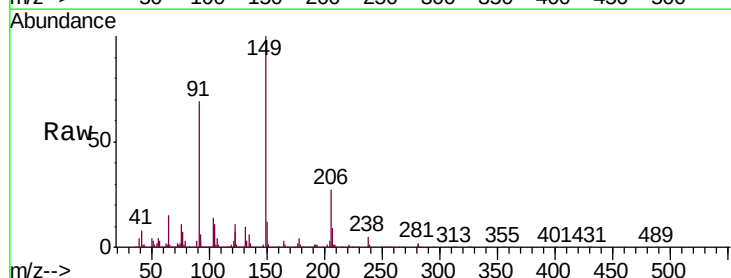
Tgt Ion:149 Resp: 227189

Ion Ratio Lower Upper

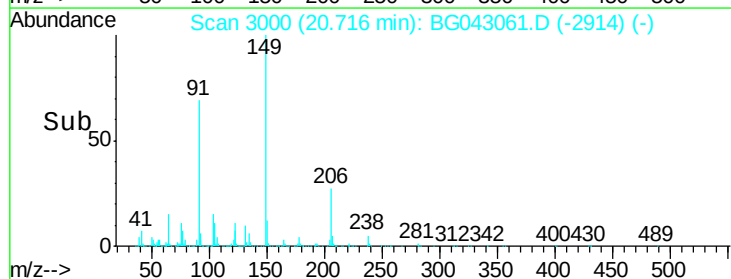
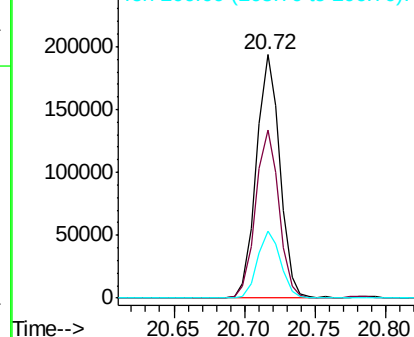
149 100

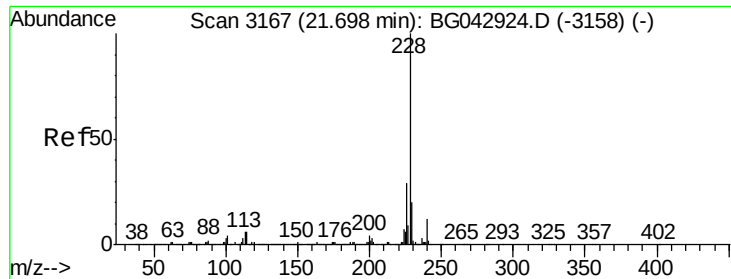
91 69.2 57.7 86.5

206 27.3 22.6 33.8



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





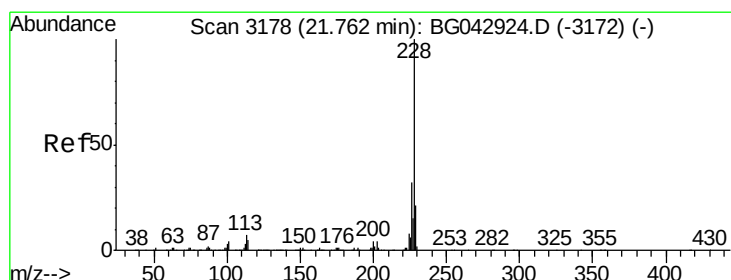
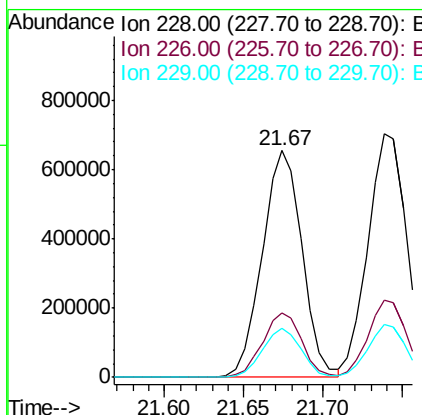
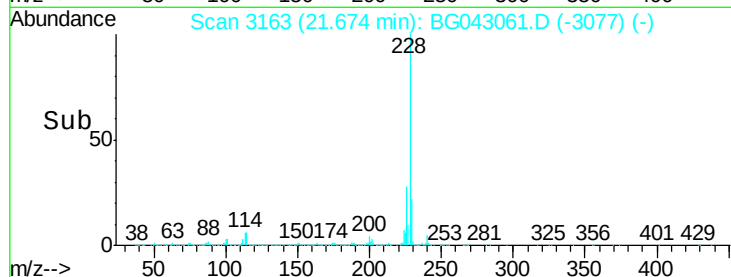
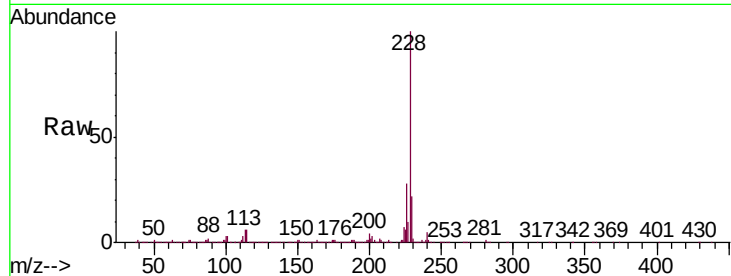
#81
Benzo(a)anthracene
Concen: 51.744 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.02 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.4
229	21.6	16.3	24.5

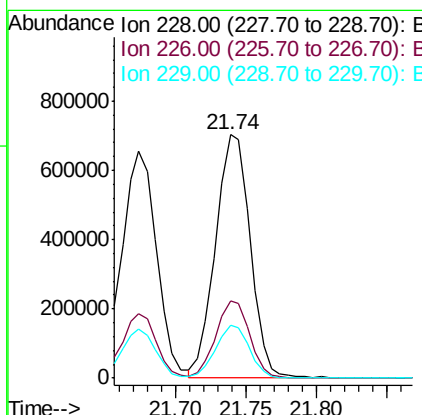
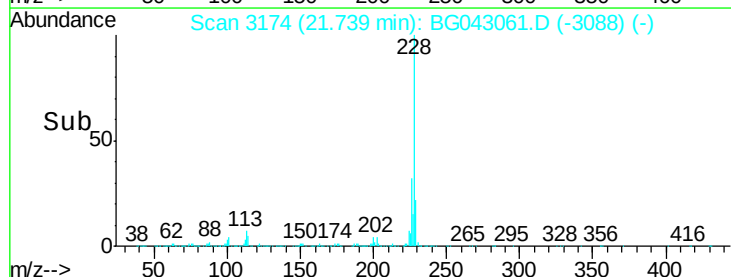
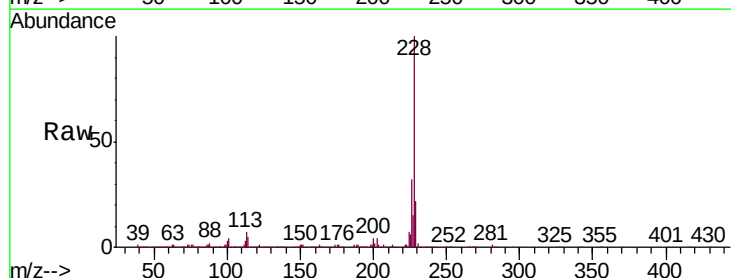
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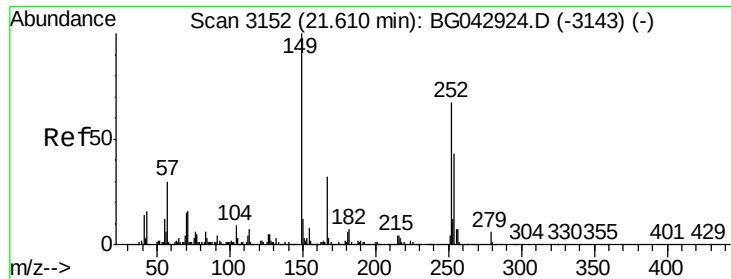
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#83
Chrysene
Concen: 55.708 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.02 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.6	38.4
229	21.8	16.9	25.3





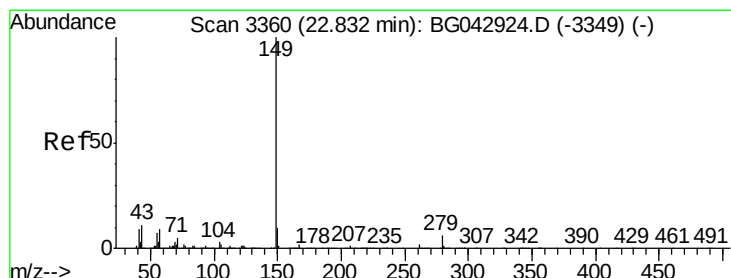
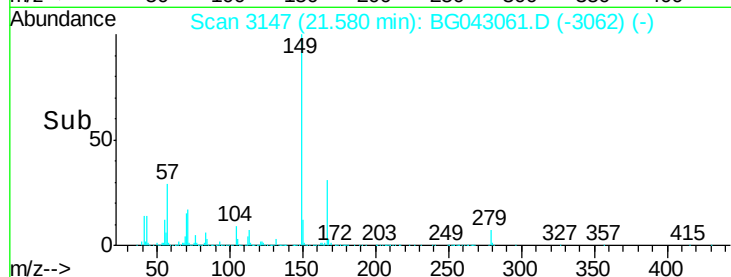
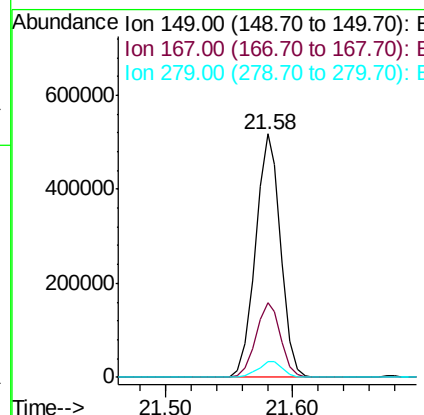
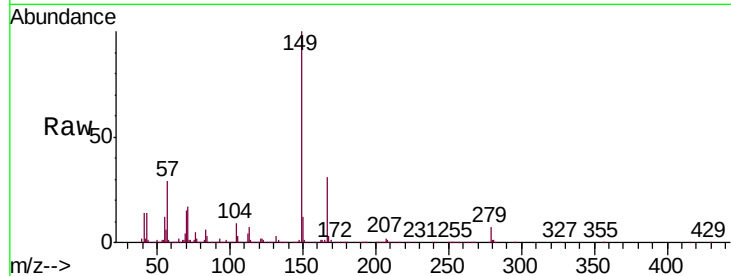
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 62.088 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.03 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.6	25.4	38.2
279	6.5	5.1	7.7

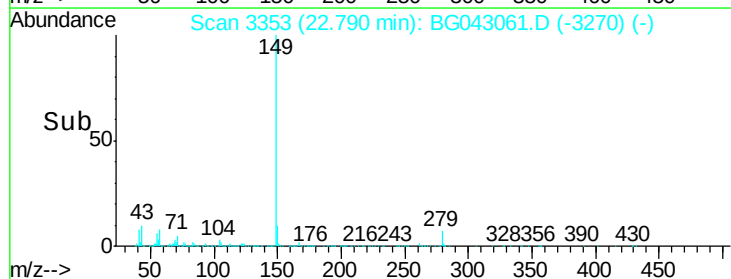
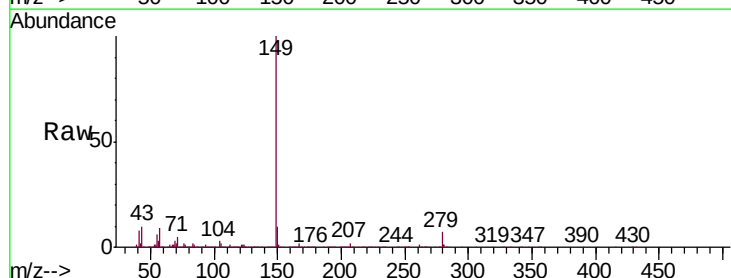
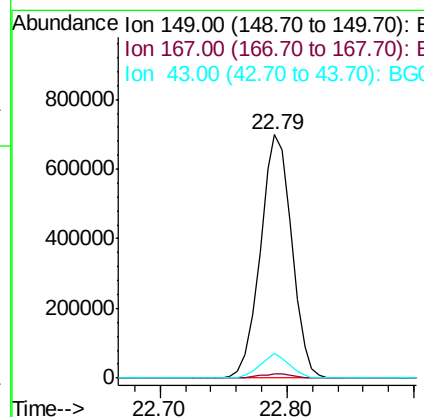
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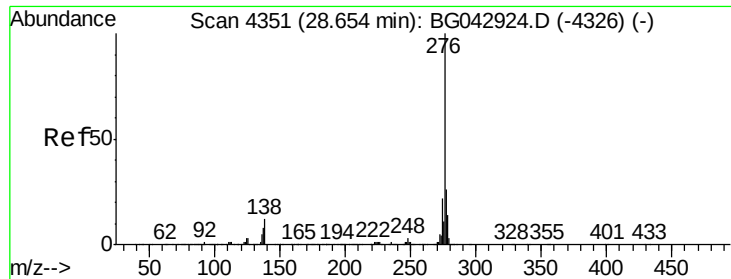
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#85
 Di-n-octyl phthalate
 Concen: 63.966 ng
 RT: 22.79 min Scan# 3353
 Delta R.T. -0.04 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	9.2	8.7	13.1





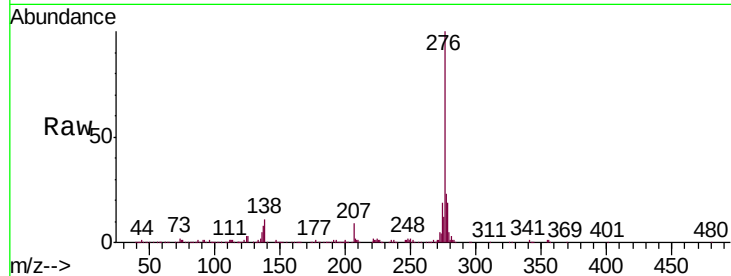
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 28.787 ng
 RT: 28.57 min Scan# 4336
 Delta R.T. -0.09 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Instrument :
 BNA_G
 ClientSampled :
 HR-05-100219MS

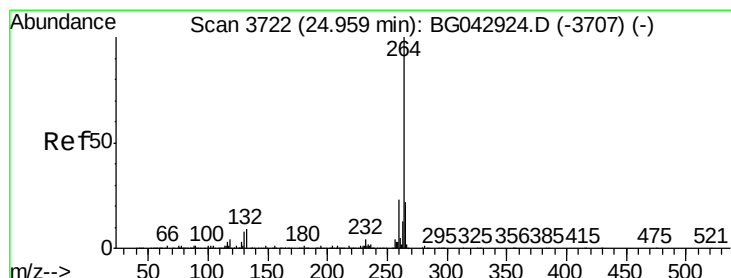
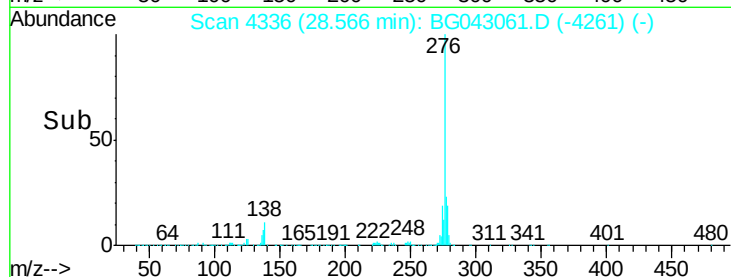
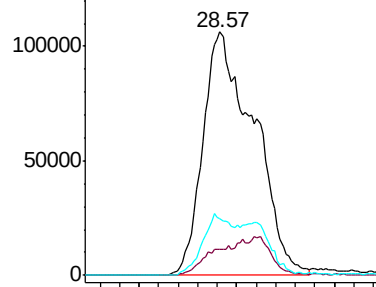
Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	0.0	7.0	10.6#
277	14.1	20.9	31.3#

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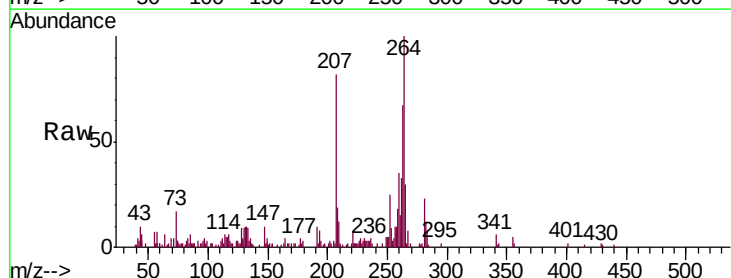


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

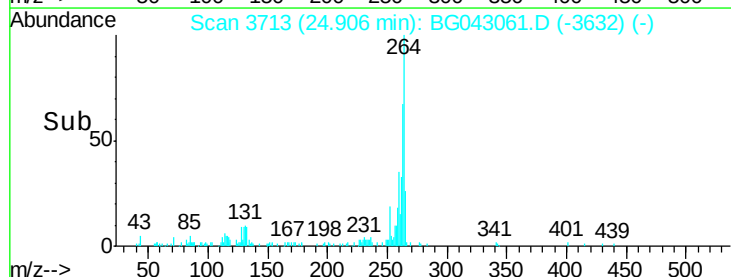
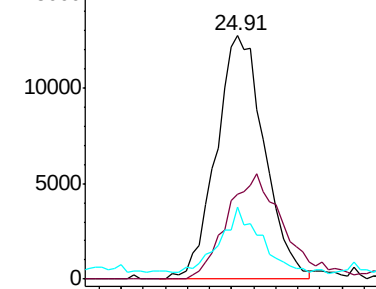


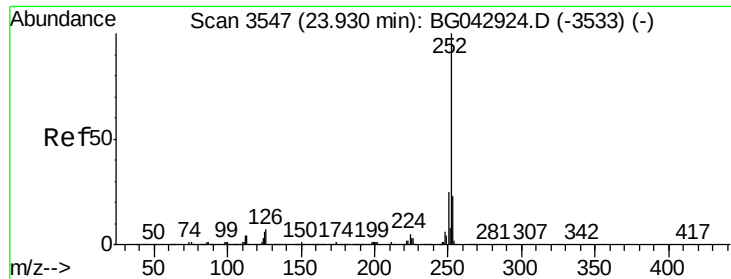
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3713
 Delta R.T. -0.05 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	34.7	18.7	28.1#
265	29.6	17.7	26.5#



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





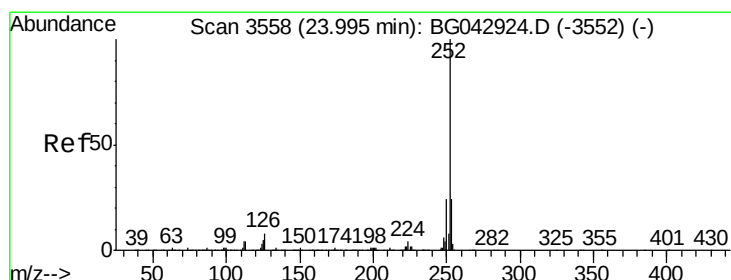
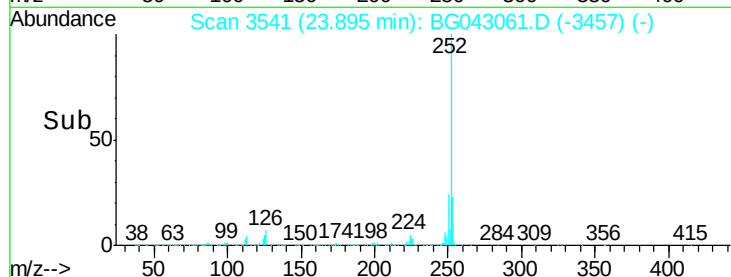
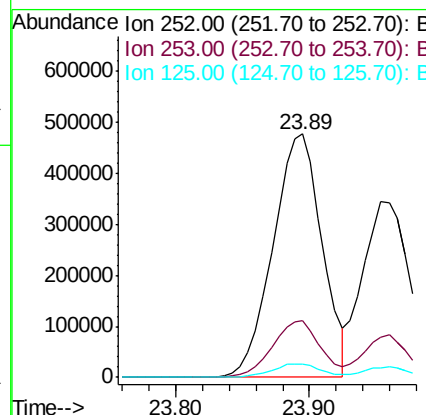
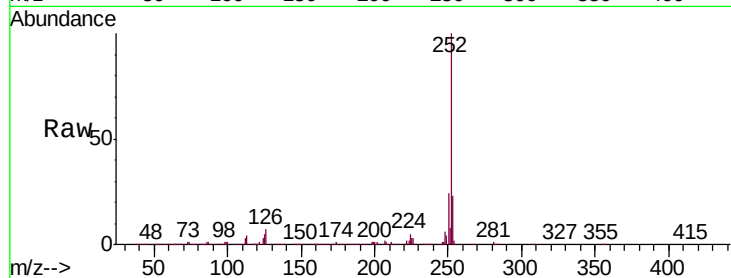
#88
Benzo(b)fluoranthene
Concen: 551.034 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.04 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	5.4	4.6	7.0

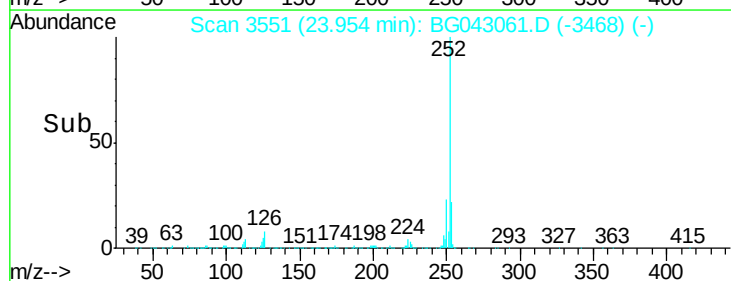
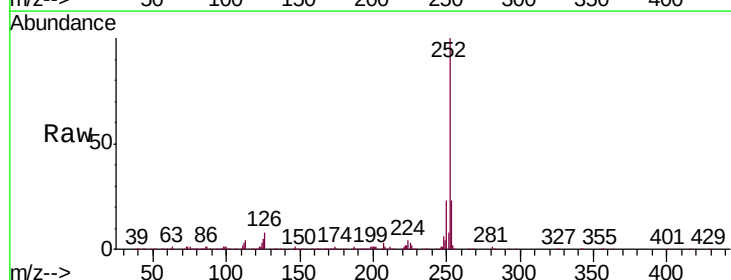
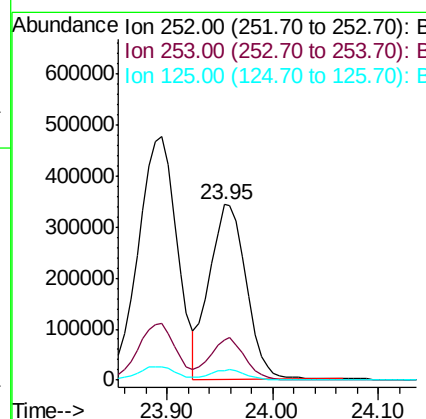
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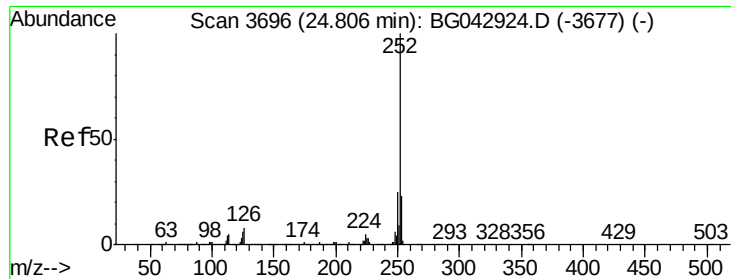
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#89
Benzo(k)fluoranthene
Concen: 384.212 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.04 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.9	28.3
125	5.4	4.5	6.7





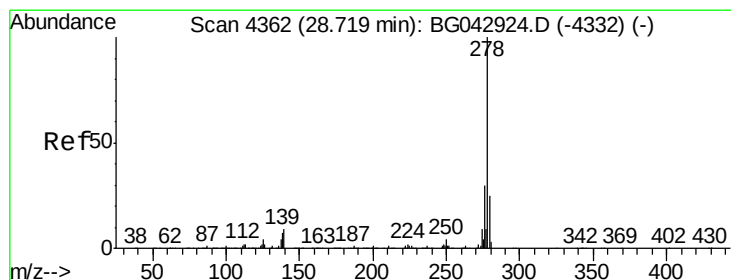
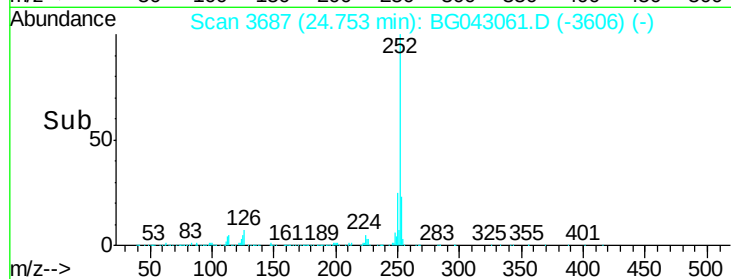
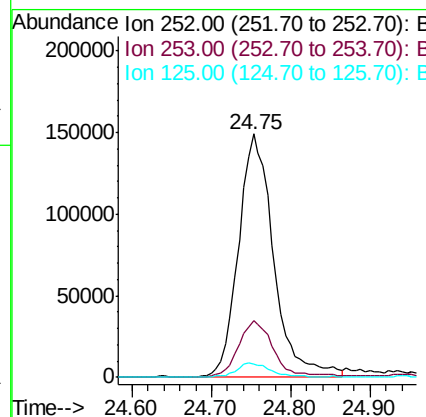
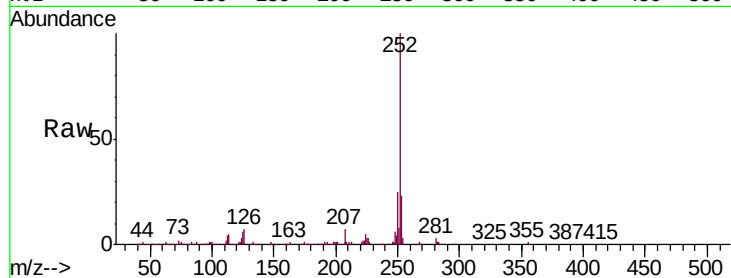
#90
Benzo(a)pyrene
Concen: 219.318 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.05 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	5.6	5.0	7.6

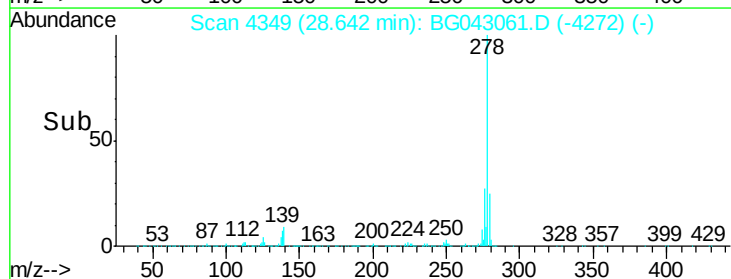
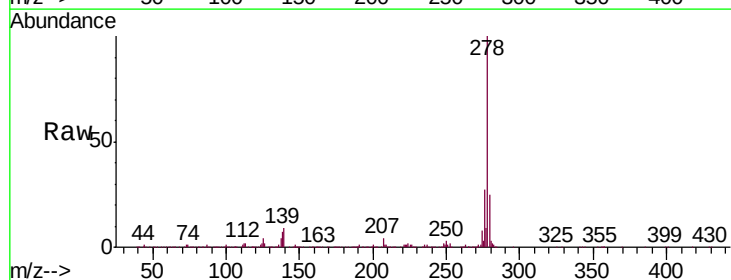
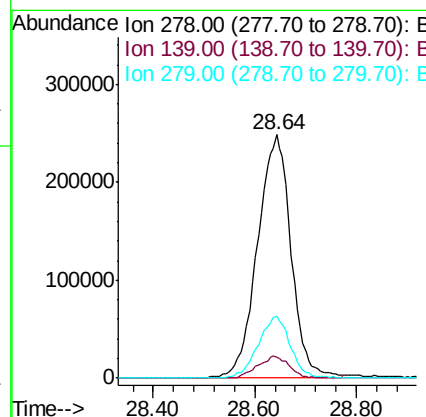
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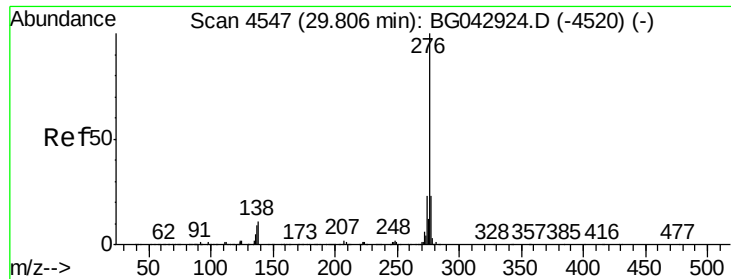
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#91
Dibenzo(a,h)anthracene
Concen: 534.848 ng
RT: 28.64 min Scan# 4349
Delta R.T. -0.08 min
Lab File: BG043061.D
Acq: 5 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.7	6.8	10.2
279	25.3	20.1	30.1





#92
 Benzo(g,h,i)perylene
 Concen: 266.544 ng
 RT: 29.72 min Scan# 4532
 Delta R.T. -0.09 min
 Lab File: BG043061.D
 Acq: 5 Oct 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tgt Ion:	276	Resp:	549529
Ion Ratio		Lower	Upper
276	100		
277	23.6	18.4	27.6
138	12.2	8.6	12.8

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