

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
 Data File : BG043072.D
 Acq On : 7 Oct 2019 17:53
 Operator : JU
 Sample : K5140-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Manual Integrations
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 10/8/2019 12:22:49 PM

Quant Time: Oct 08 11:26:10 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	44838	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	171048	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	58231	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	321833	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	194370	20.00	ng	-0.02
87) Perylene-d12	24.95	264	81	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	371968	148.05	ng	-0.01
7) Phenol-d6	7.23	99	338338	93.51	ng	-0.01
23) Nitrobenzene-d5	9.22	82	338096	96.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	392485	391.97	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	884105	220.10	ng	-0.02
79) Terphenyl-d14	20.03	244	1854636	203.32	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	41745	39.851	ng	# 46
4) n-Nitrosodimethylamine	3.85	42	51574	36.401	ng	# 82
8) 2-Chlorophenol	7.63	128	141375	53.956	ng	99
9) Benzaldehyde	7.20	77	40628	18.376	ng	82
10) Phenol	7.26	94	137506	41.424	ng	94
11) bis(2-Chloroethyl)ether	7.48	93	120615	46.962	ng	95
12) 1,3-Dichlorobenzene	7.95	146	147402	44.099	ng	97
13) 1,4-Dichlorobenzene	8.10	146	151897	45.586	ng	96
14) 1,2-Dichlorobenzene	8.41	146	147762	46.579	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	182465	36.993	ng	97
17) 2-Methylphenol	8.51	107	77329	33.293	ng	95
18) Hexachloroethane	9.15	117	54681	43.574	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	134180	56.479	ng	95
20) 3+4-Methylphenols	8.83	107	106400	33.427	ng	94
22) Acetophenone	8.88	105	226201	51.303	ng	# 95
24) Nitrobenzene	9.26	77	172055	51.257	ng	97
25) Isophorone	9.78	82	381208	61.669	ng	97
26) 2-Nitrophenol	9.97	139	83466	58.411	ng	93
27) 2,4-Dimethylphenol	10.03	122	94482	43.055	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	14209	4.051	ng	# 87
29) 2,4-Dichlorophenol	10.52	162	166189	60.892	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	168674	47.858	ng	96
31) Naphthalene	10.91	128	444211	52.756	ng	99
32) Benzoic acid	10.19	122	103576	58.146	ng	92
34) Hexachlorobutadiene	11.20	225	117772	44.628	ng	97
35) Caprolactam	12.00	113	48911m	50.818	ng	
36) 4-Chloro-3-methylphenol	12.14	107	146964	49.525	ng	93
37) 2-Methylnaphthalene	12.51	142	341029	53.091	ng	97
38) 1-Methylnaphthalene	12.73	142	325805	53.603	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	223923	102.274	ng	99
41) Hexachlorocyclopentadiene	12.86	237	284627	204.032	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	161328	125.891	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	172706	130.825	ng	97
46) 1,1'-Biphenyl	13.51	154	485073	109.846	ng	98

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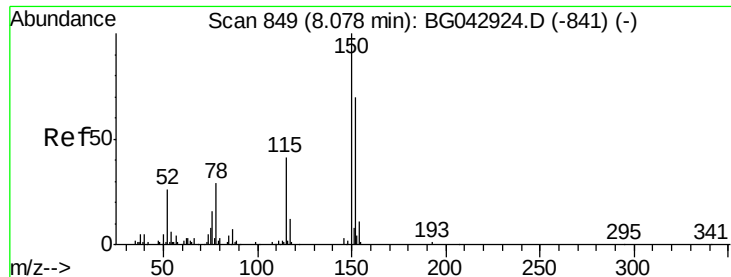
Manual Integrations
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 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.56	162	385262	116.365	ng	98
48) 2-Nitroaniline	13.78	65	31982	29.048	ng	95
49) Acenaphthylene	14.41	152	97877	19.320	ng	97
50) Dimethylphthalate	14.14	163	593233	135.968	ng	98
51) 2,6-Dinitrotoluene	14.25	165	128341	138.129	ng	86
52) Acenaphthene	14.74	154	189157	55.783	ng	97
54) 2,4-Dinitrophenol	14.79	184	182605	316.179	ng	96
55) Dibenzofuran	15.08	168	619678	123.535	ng	100
56) 4-Nitrophenol	14.91	139	173580	237.253	ng	99
57) 2,4-Dinitrotoluene	15.03	165	188928	138.853	ng	# 98
58) Fluorene	15.73	166	496812	116.007	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	180944	128.731	ng	99
60) Diethylphthalate	15.49	149	502131	113.085	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	308962	120.292	ng	100
62) 4-Nitroaniline	15.81	138	11133	10.631	ng	95
63) Azobenzene	16.01	77	43575	10.779	ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	126024	69.201	ng	95
67) 4-Bromophenyl-phenylether	16.61	248	222748	55.145	ng	96
68) Hexachlorobenzene	16.73	284	250758	55.755	ng	97
70) Pentachlorophenol	17.08	266	335753	129.376	ng	100
71) Phenanthrene	17.47	178	869217	55.322	ng	97
72) Anthracene	17.55	178	600196	38.264	ng	99
74) Di-n-butylphthalate	18.38	149	888753	51.212	ng	99
75) Fluoranthene	19.47	202	812949	39.118	ng	99
78) Pyrene	19.83	202	167038	14.398	ng	98
80) Butylbenzylphthalate	20.72	149	40648	9.231	ng	90
81) Benzo(a)anthracene	21.67	228	627692	51.828	ng	97
83) Chrysene	21.74	228	830129	70.632	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	596872	95.257	ng	98
85) Di-n-octyl phthalate	22.79	149	972992	94.962	ng	96
86) Indeno(1,2,3-cd)pyrene	28.62	276	157983	10.798	ng	# 90
88) Benzo(b)fluoranthene	23.88	252	571008m	124587.434	ng	
89) Benzo(k)fluoranthene	23.95	252	175335	38670.775	ng	99
90) Benzo(a)pyrene	24.76	252	124220	28727.562	ng	# 95
91) Dibenzo(a,h)anthracene	28.62	278	442798	99864.581	ng	99
92) Benzo(g,h,i)perylene	29.71	276	98906	23021.885	ng	# 96

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



#1

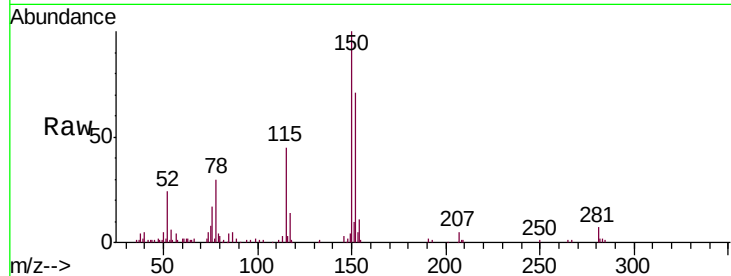
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	140.2	115.0	172.4
115	62.9	47.0	70.6

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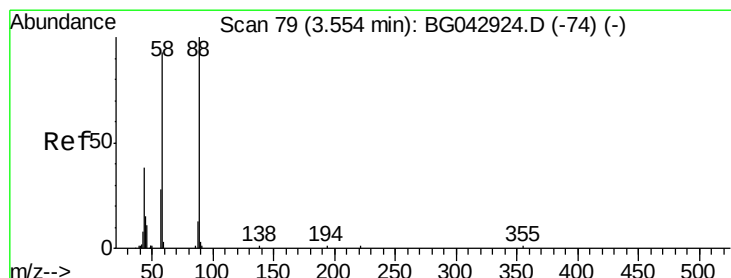
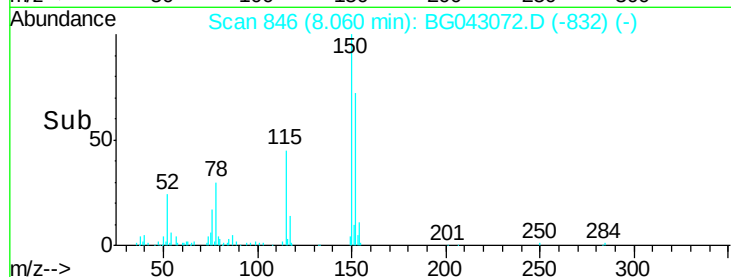
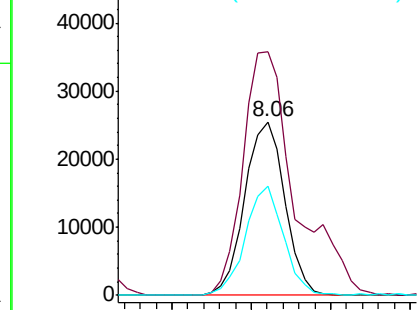


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

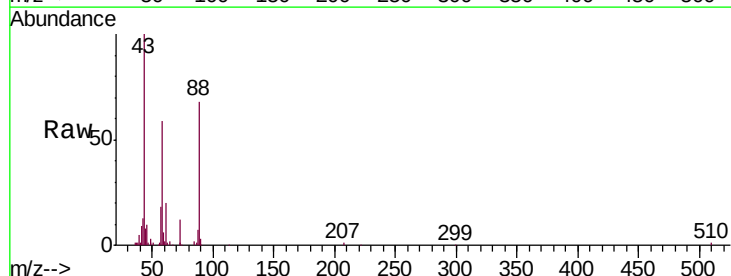
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.851 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	74.3	111.5
43	136.4	29.8	44.8#

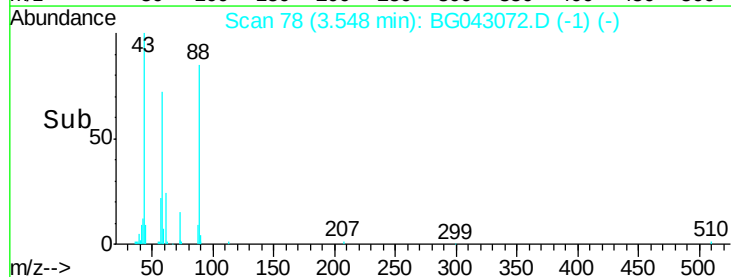
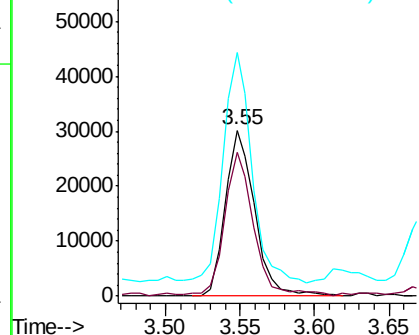


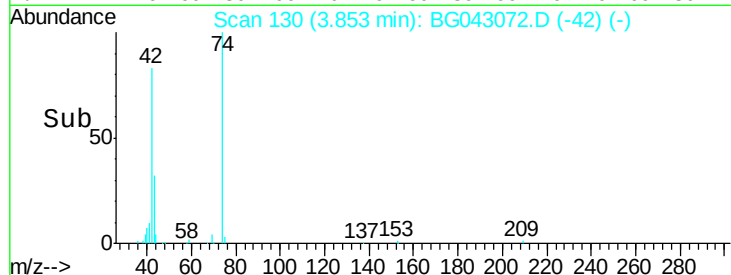
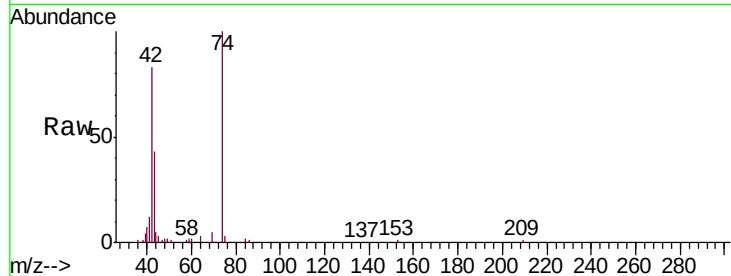
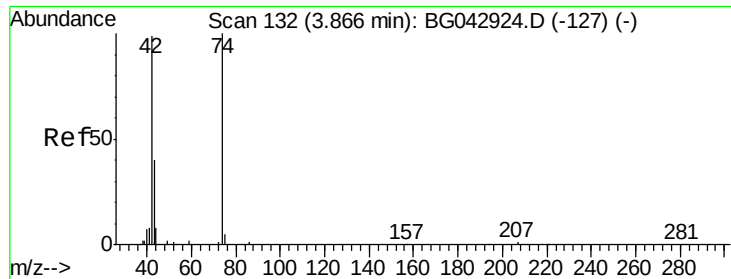
Abundance

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





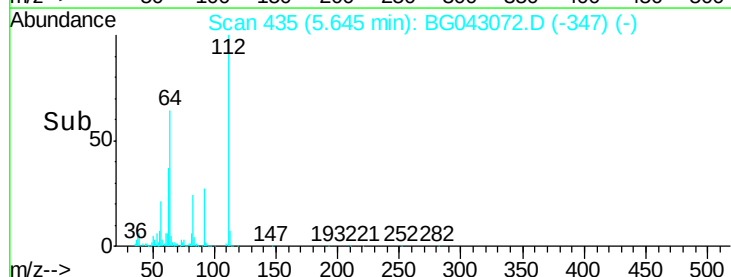
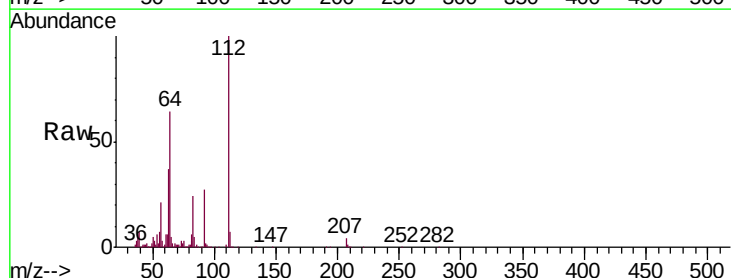
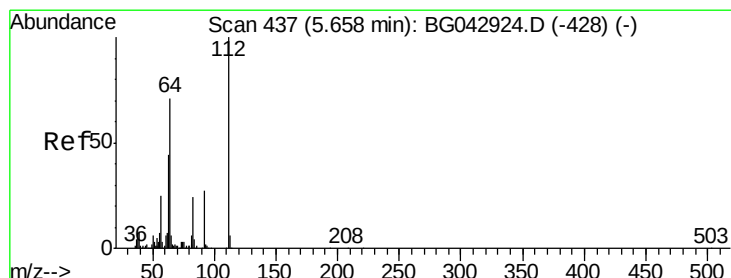
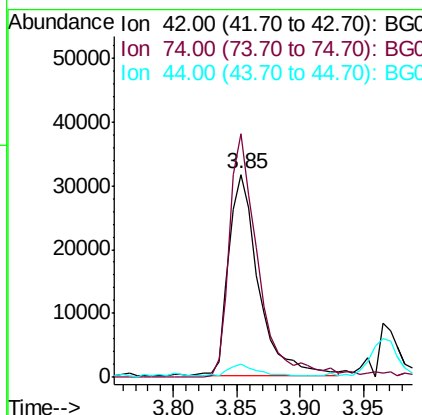
#4
n-Nitrosodimethylamine
Concen: 36.401 ng
RT: 3.85 min Scan# 130
Delta R.T. -0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.8	80.5	120.7
44	6.5	6.9	10.3

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ClientSampleId :
HR-05-100219MSD

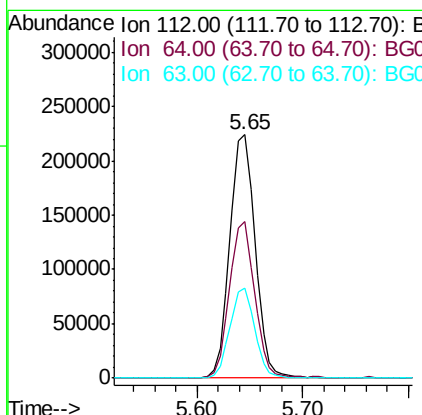
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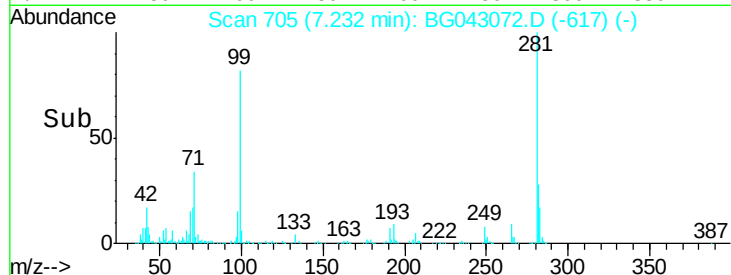
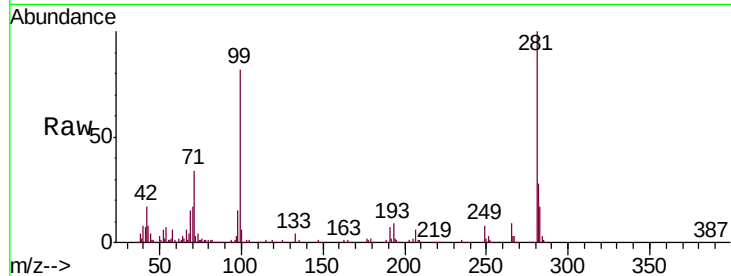
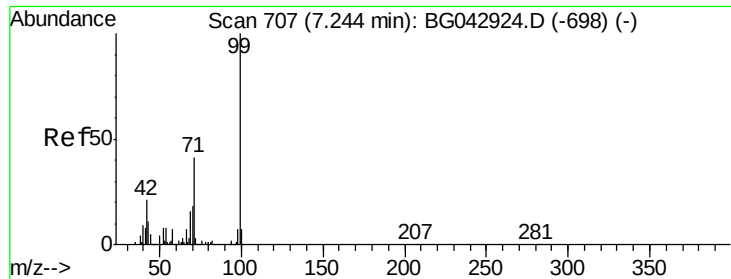
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#5
2-Fluorophenol
Concen: 148.049 ng
RT: 5.65 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	56.6	84.8
63	36.8	35.1	52.7





#7

Phenol-d6

Concen: 93.513 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	338338		
42	20.5	17.2	25.8	
71	41.3	33.1	49.7	

Instrument :

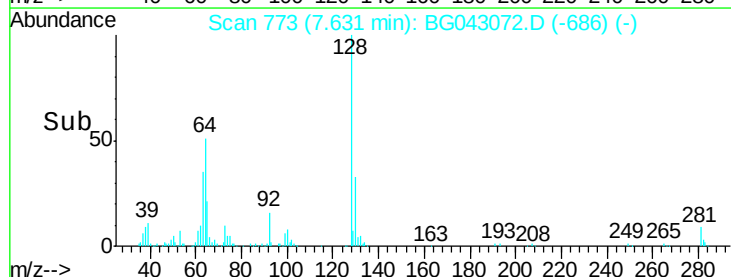
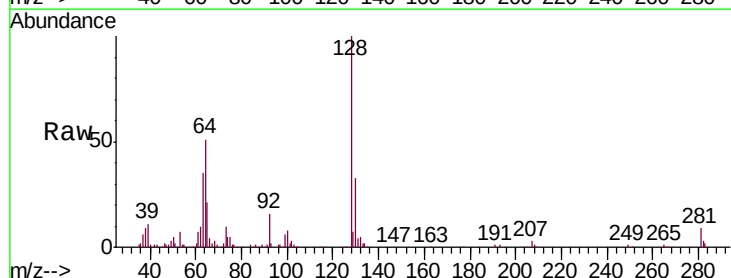
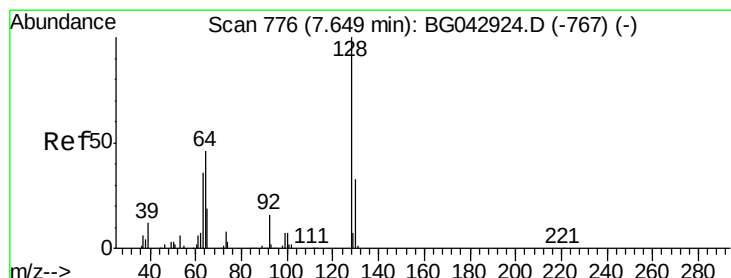
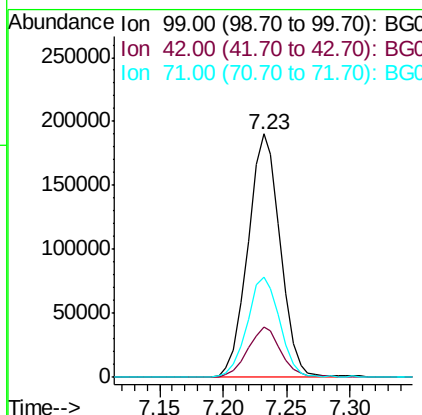
BNA_G

ClientSampleId :

HR-05-100219MSD

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#8

2-Chlorophenol

Concen: 53.956 ng

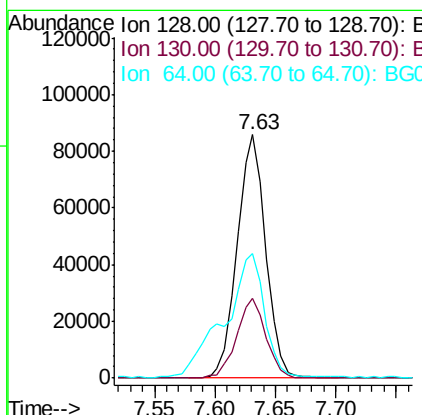
RT: 7.63 min Scan# 773

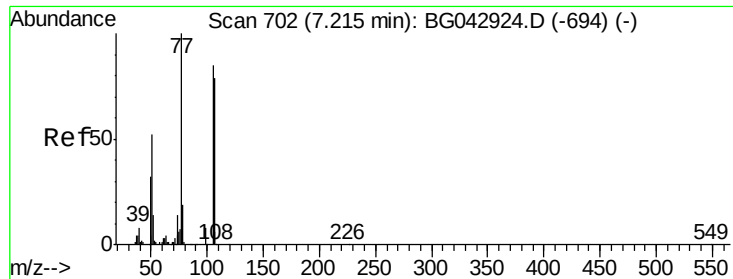
Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	141375		
130	32.5	12.5	52.5	
64	51.2	32.8	72.8	





#9

Benzaldehyde

Concen: 18.376 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

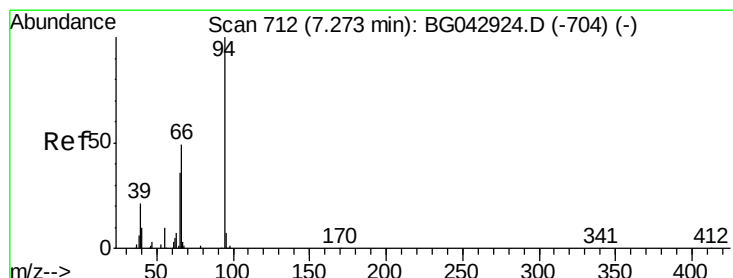
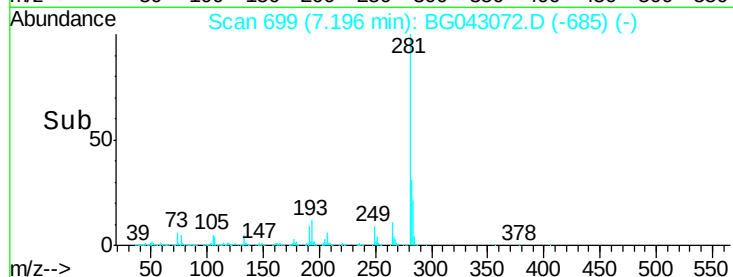
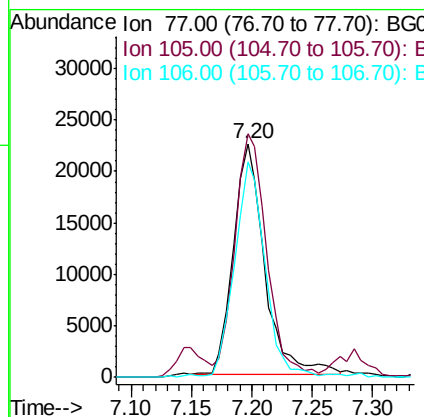
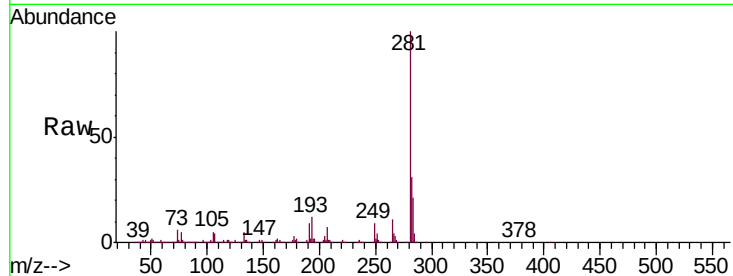
ClientSampleId :

HR-05-100219MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	104.3	64.6	104.6
106	92.1	59.4	99.4

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#10

Phenol

Concen: 41.424 ng

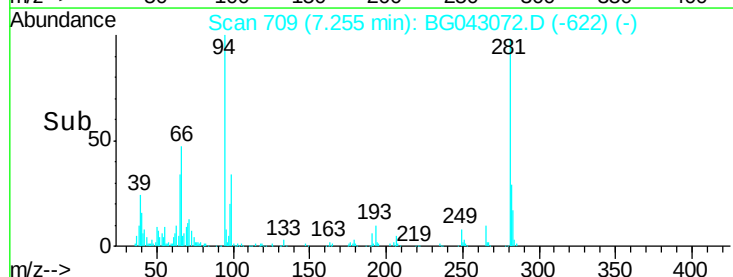
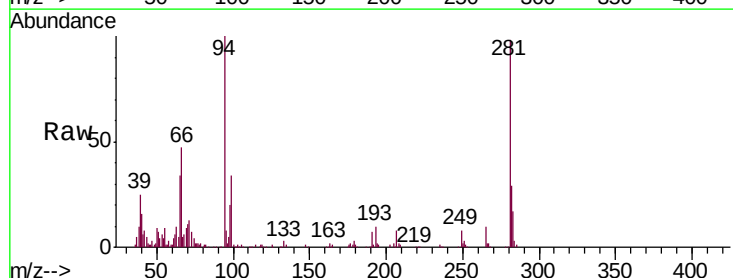
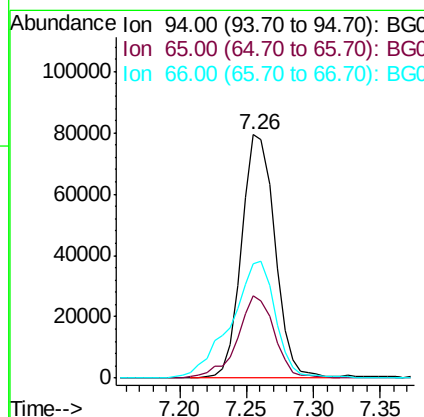
RT: 7.26 min Scan# 709

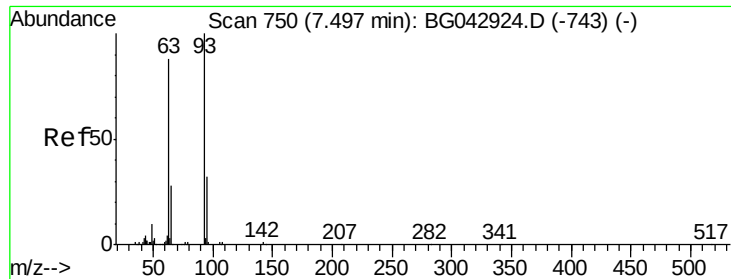
Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.0	16.6	56.6
66	47.2	32.4	72.4





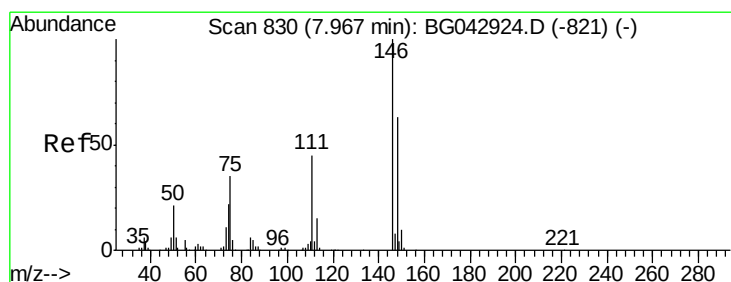
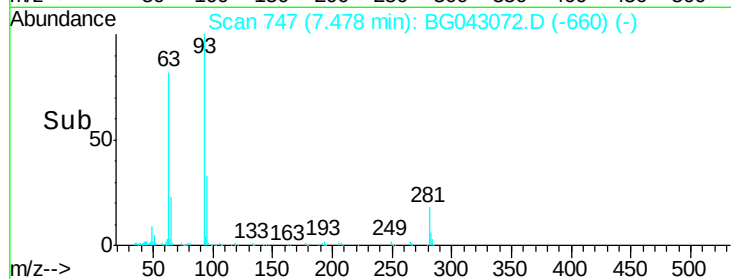
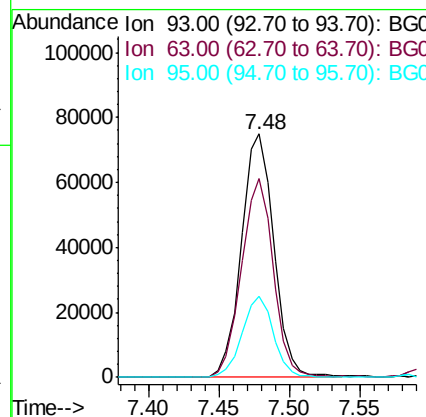
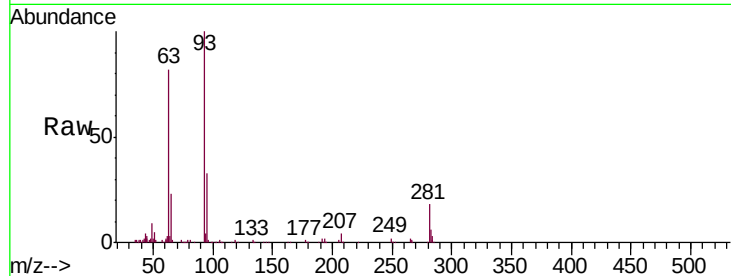
#11
bis(2-Chloroethyl)ether
Concen: 46.962 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	81.8	67.4	107.4
95	33.3	11.9	51.9

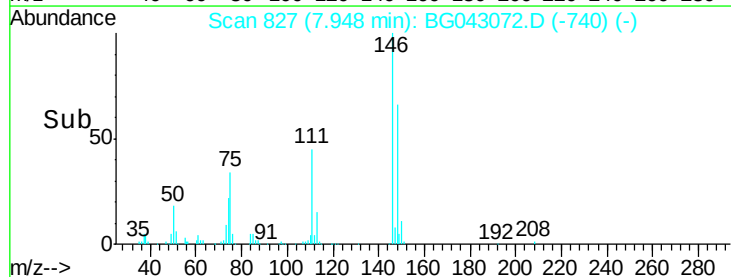
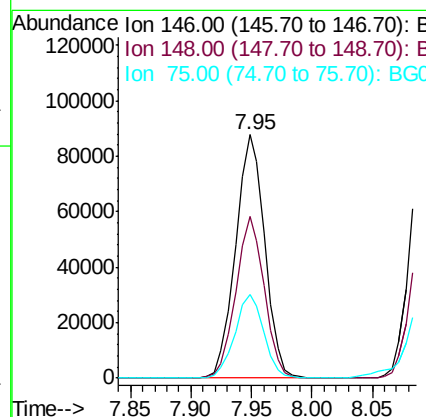
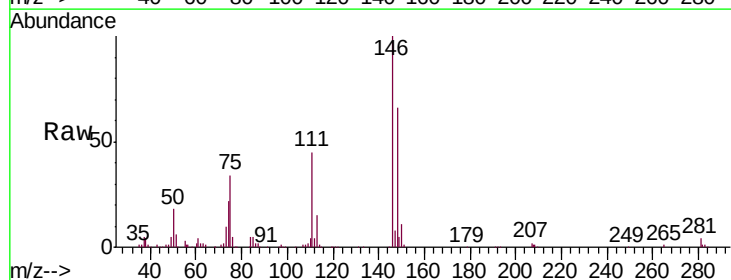
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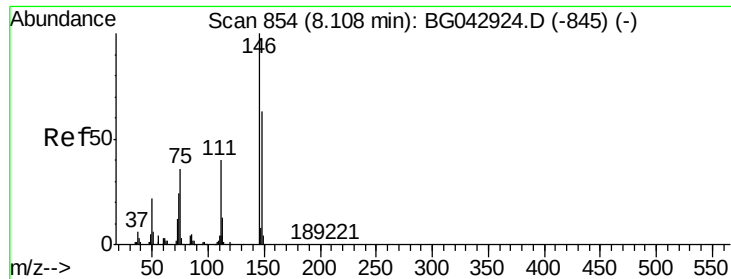
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#12
1,3-Dichlorobenzene
Concen: 44.099 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
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Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	50.7	76.1
75	34.4	27.7	41.5





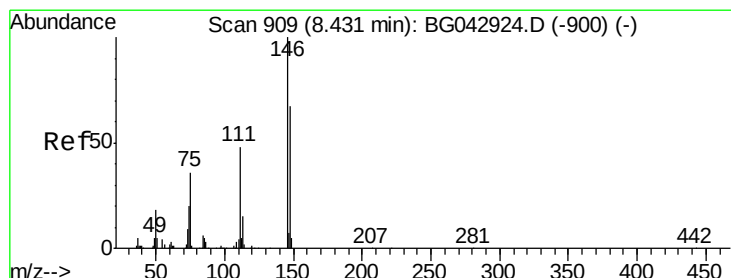
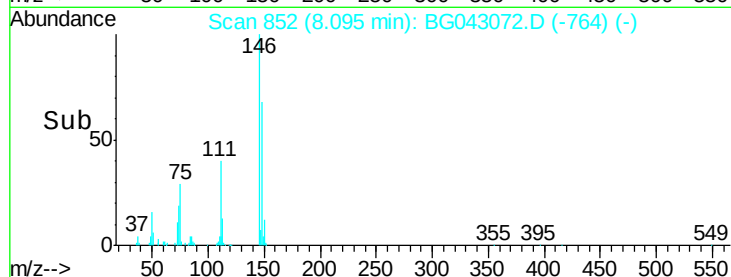
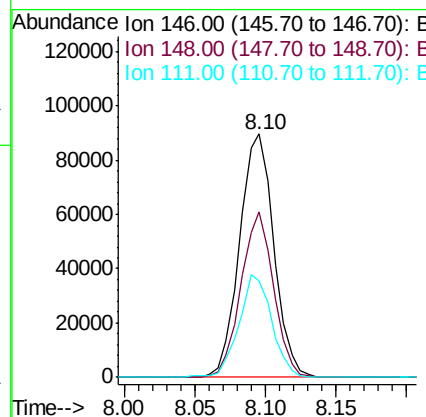
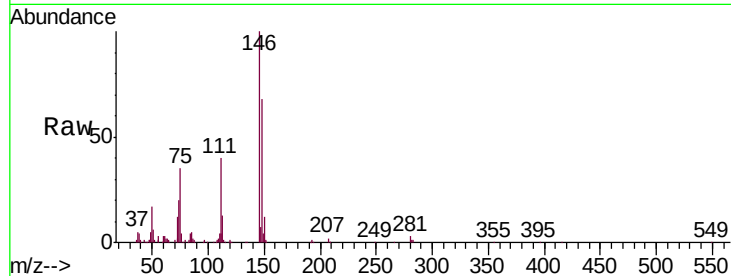
#13
 1,4-Dichlorobenzene
 Concen: 45.586 ng
 RT: 8.10 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.9	50.9	76.3
111	39.6	31.8	47.8

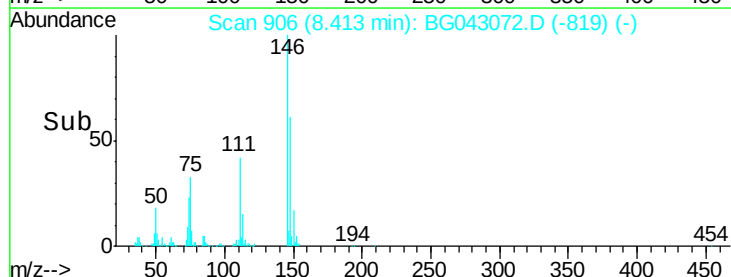
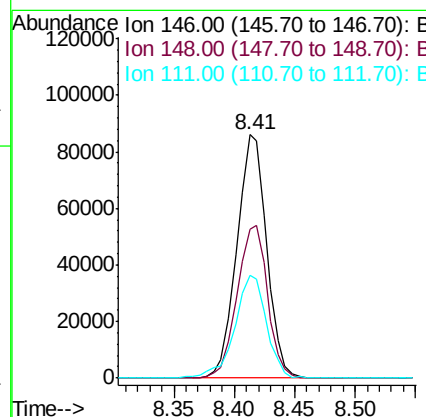
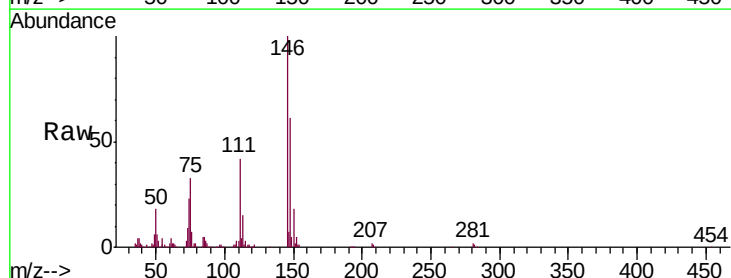
Manual Integrations
 APPROVED

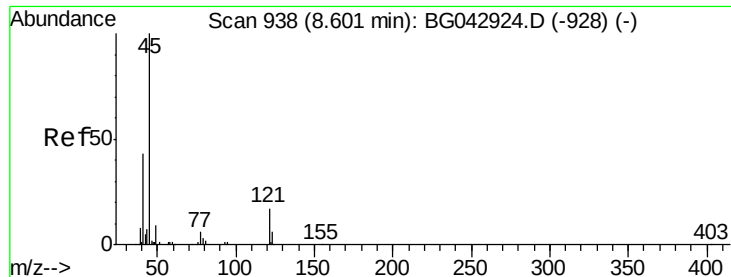
mohammad
 10/8/2019 12:22:49 PM



#14
 1,2-Dichlorobenzene
 Concen: 46.579 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	53.4	80.2
111	42.4	38.5	57.7





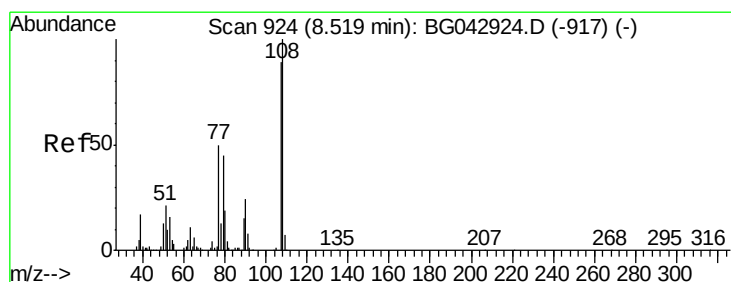
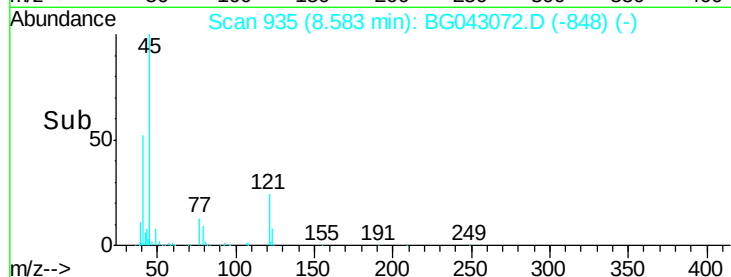
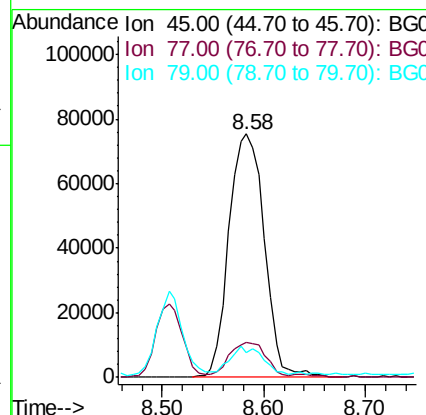
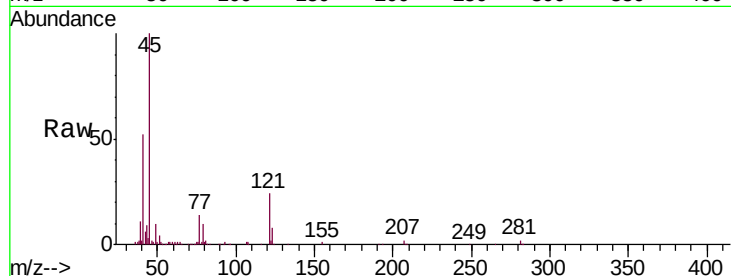
#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.993 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
45	100		
77	14.2	0.0	32.8
79	10.3	0.0	29.4

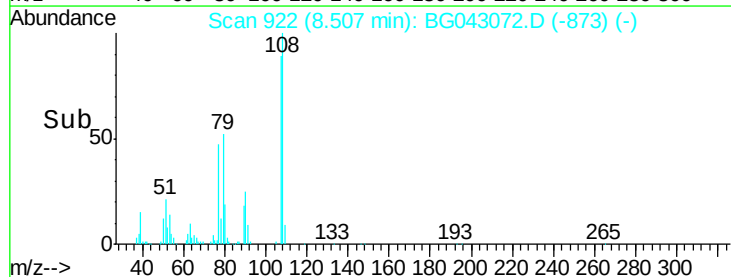
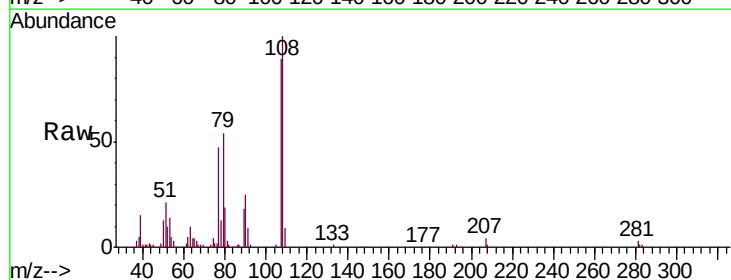
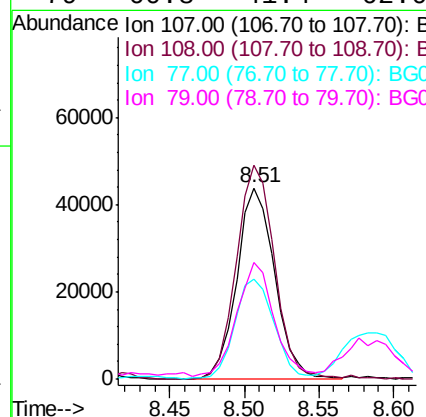
Manual Integrations
APPROVED

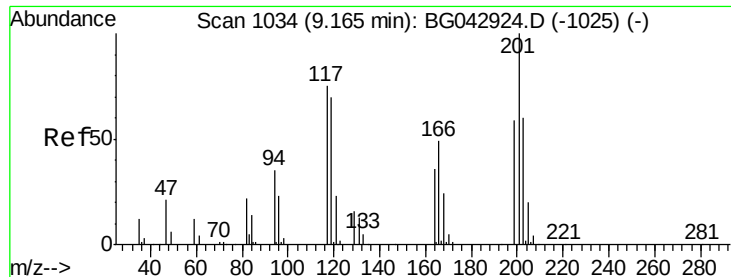
mohammad
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#17
2-Methylphenol
Concen: 33.293 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	111.8	89.9	134.9
77	52.2	45.4	68.2
79	60.8	41.4	62.0





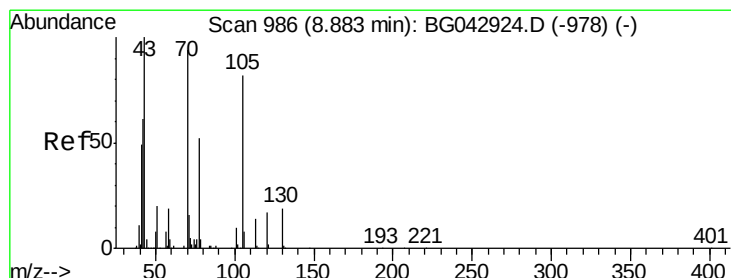
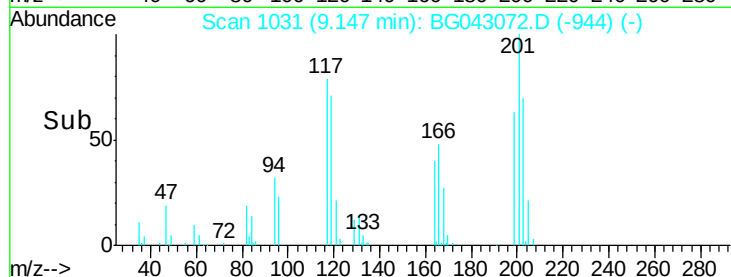
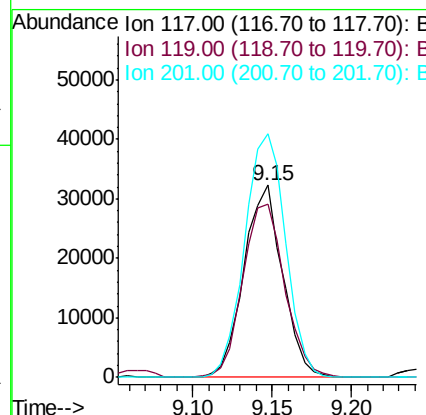
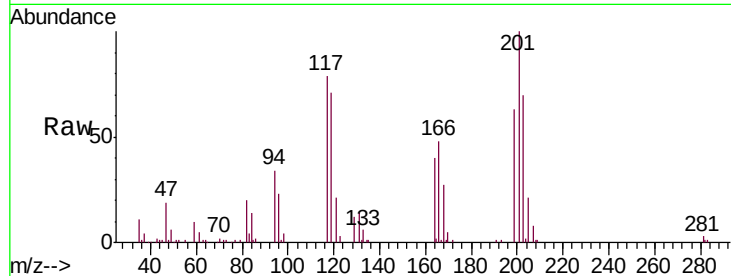
#18
Hexachloroethane
Concen: 43.574 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion: 117 Resp: 54681
Ion Ratio Lower Upper
117 100
119 90.1 74.6 111.8
201 126.6 106.0 159.0

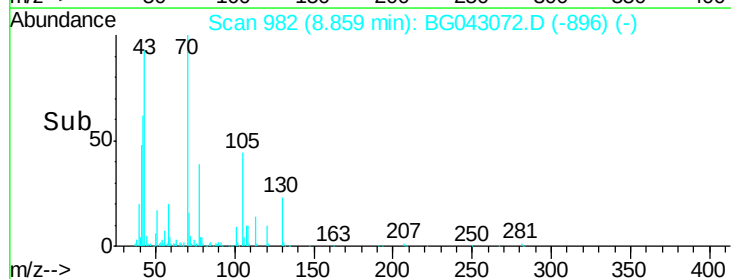
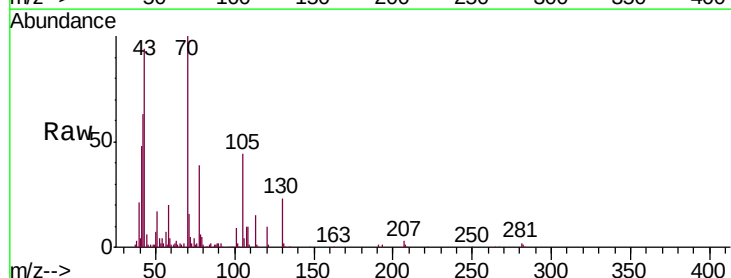
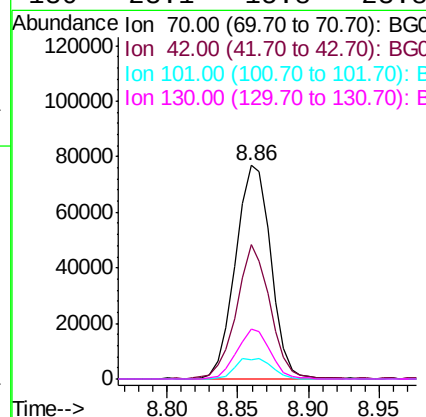
Manual Integrations
APPROVED

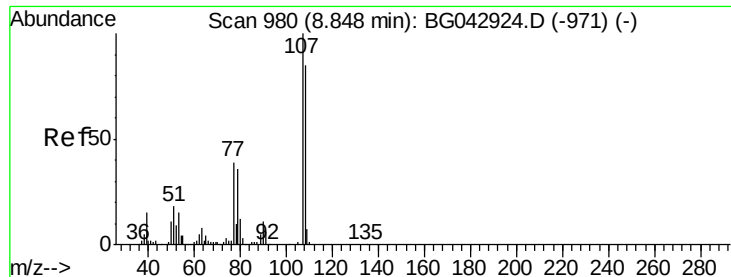
mohammad
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#19
n-Nitroso-di-n-propylamine
Concen: 56.479 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion: 70 Resp: 134180
Ion Ratio Lower Upper
70 100
42 62.8 52.6 79.0
101 9.0 8.7 13.1
130 23.1 15.8 23.8





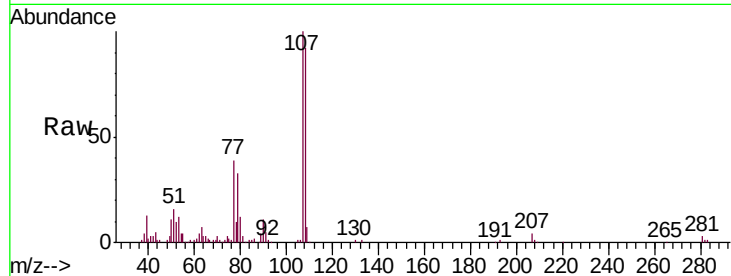
#20
3+4-Methylphenols
Concen: 33.427 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	64.9	104.9
77	39.2	19.4	59.4
79	32.6	16.2	56.2

Manual Integrations
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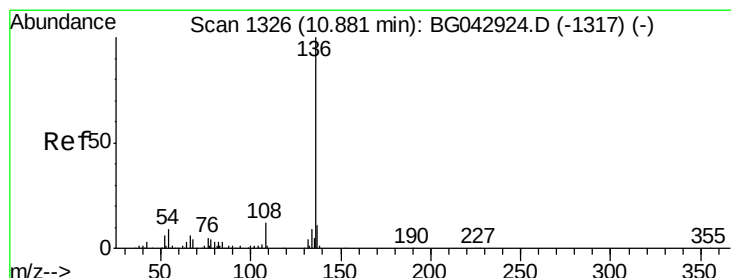
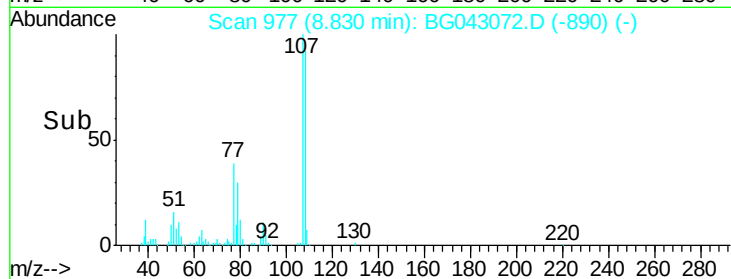
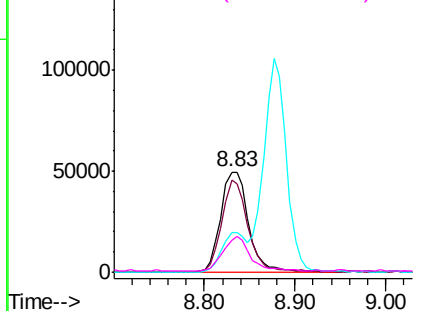
Abundance

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# 1322
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.5	12.7
54	7.9	7.4	11.2
68	4.5	3.6	5.4

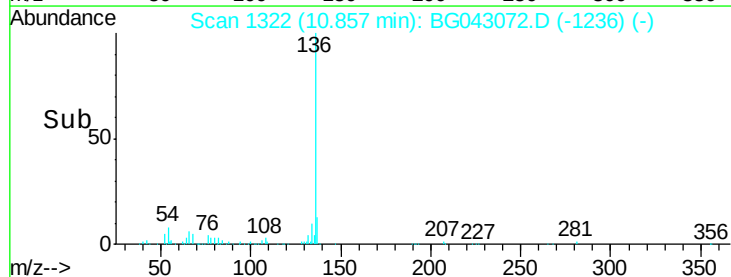
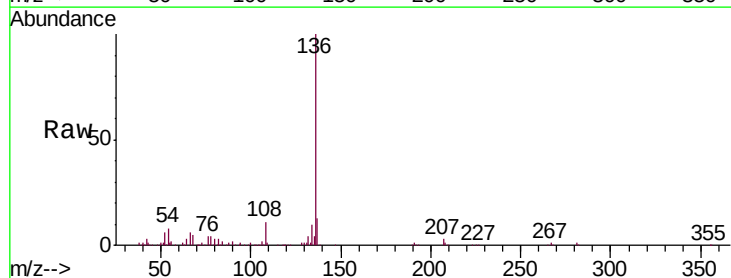
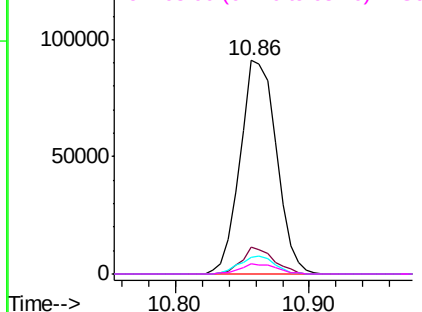
Abundance

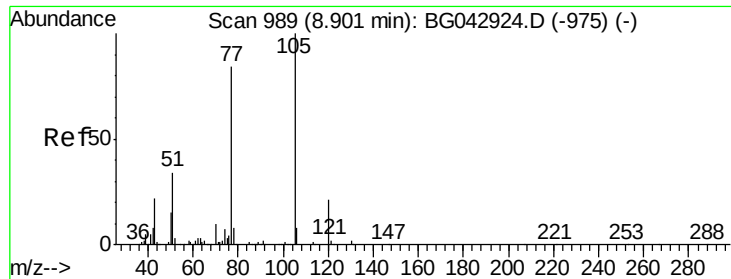
Ion 136.00 (135.70 to 136.70): E

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





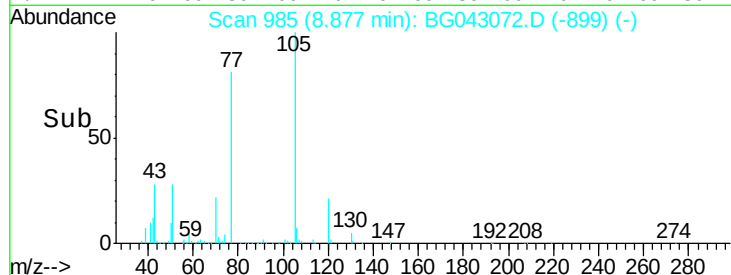
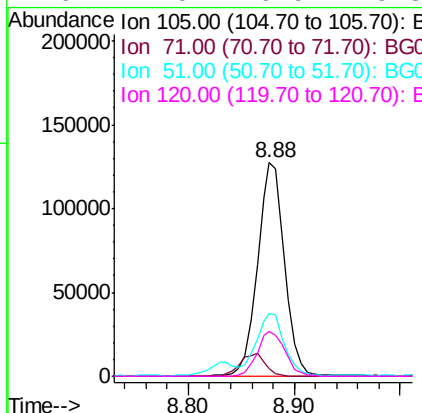
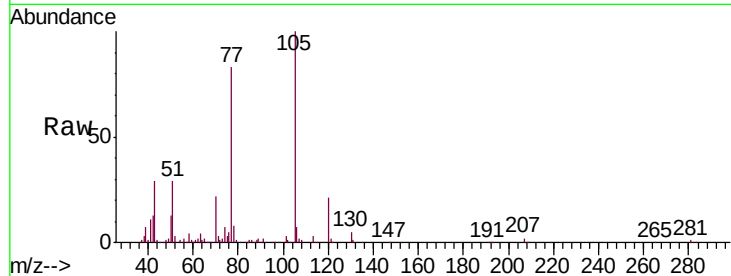
#22
Acetophenone
Concen: 51.303 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	226201		
71	3.3	1.2	1.8	#
51	29.3	27.2	40.8	
120	21.0	16.9	25.3	

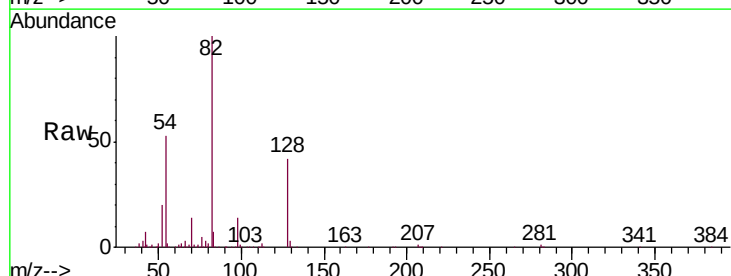
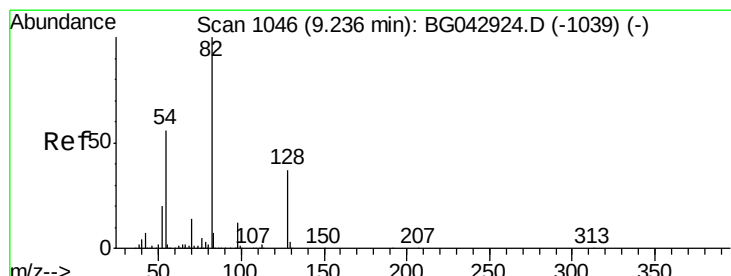
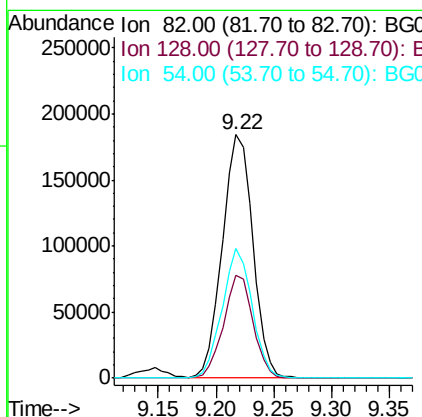
Manual Integrations
APPROVED

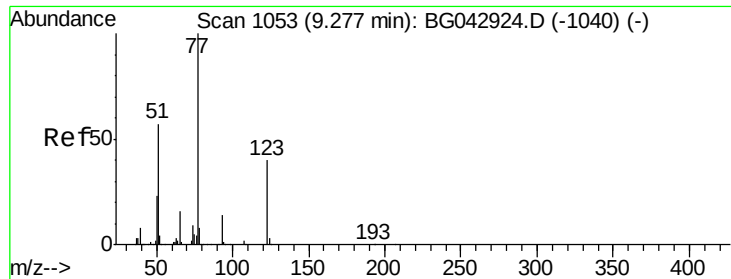
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#23
Nitrobenzene-d5
Concen: 96.074 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	338096		
128	42.3	29.5	44.3	
54	53.3	44.6	67.0	





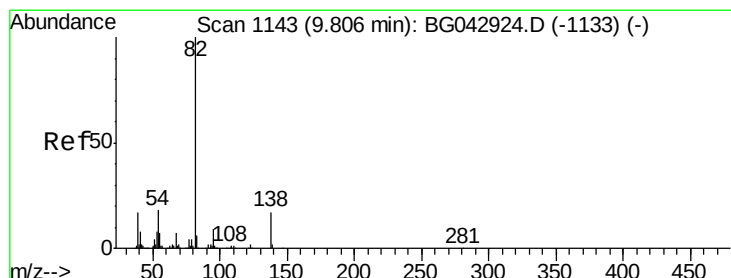
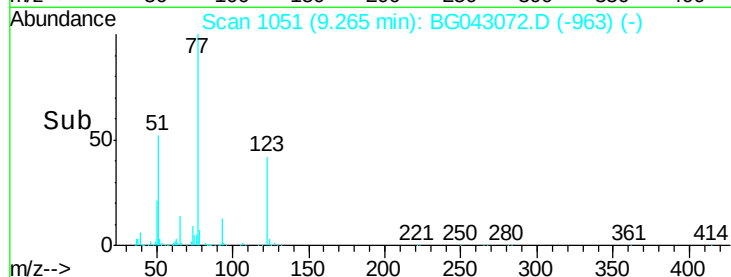
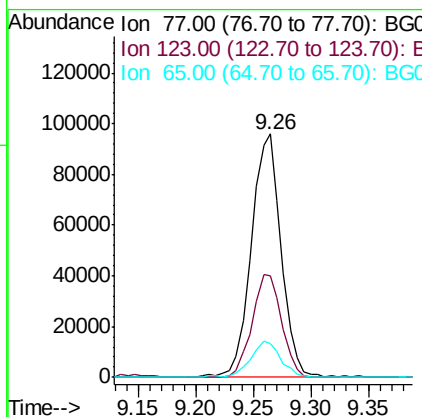
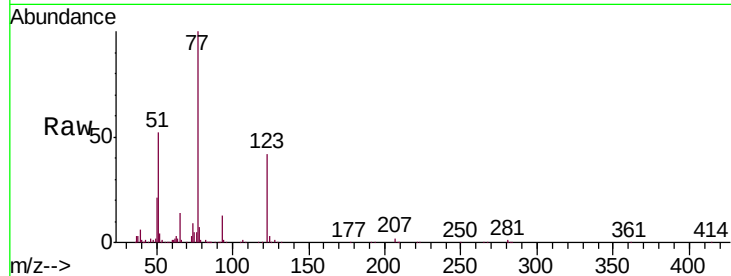
#24
Nitrobenzene
Concen: 51.257 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.7	31.9	47.9
65	13.7	12.4	18.6

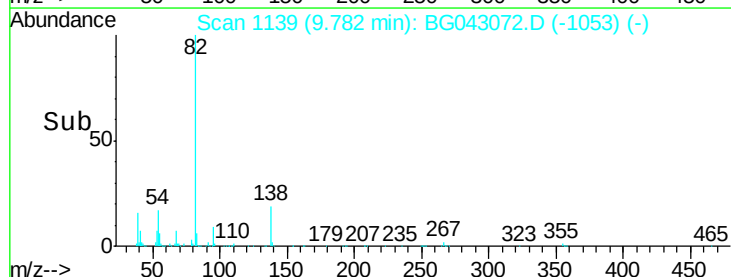
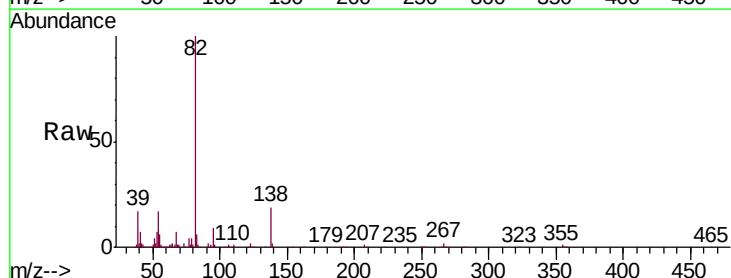
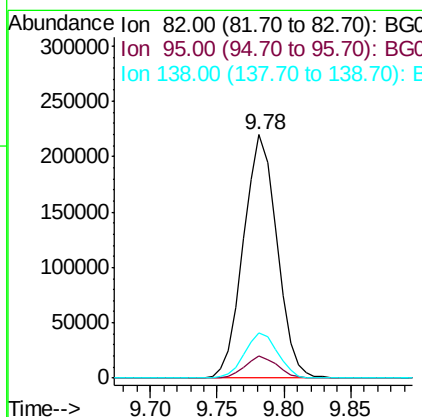
Manual Integrations
APPROVED

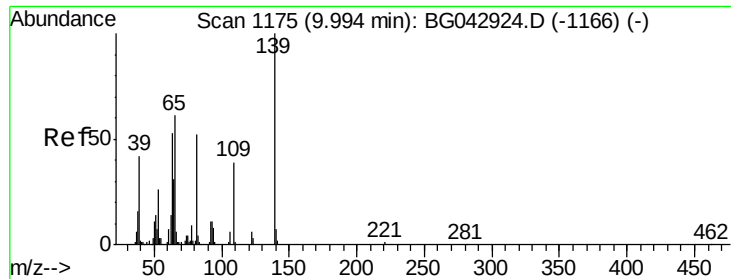
mohammad
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#25
Isophorone
Concen: 61.669 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.4	7.0	10.4
138	18.6	13.8	20.6





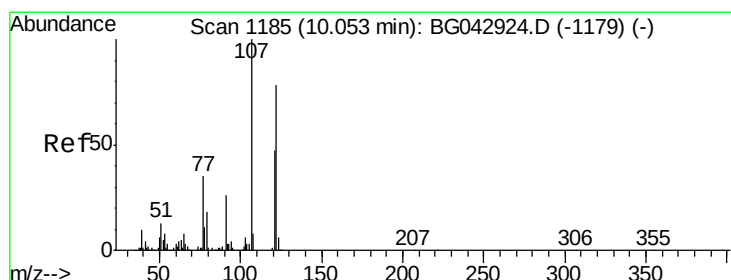
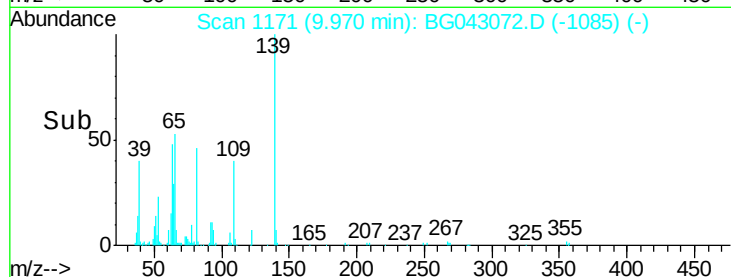
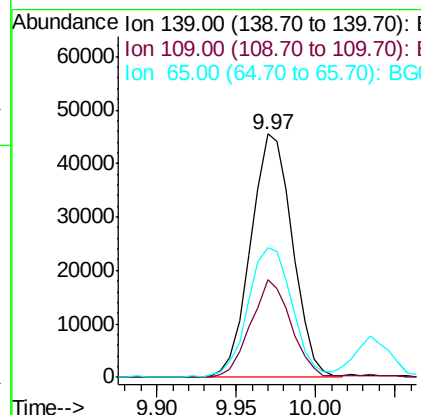
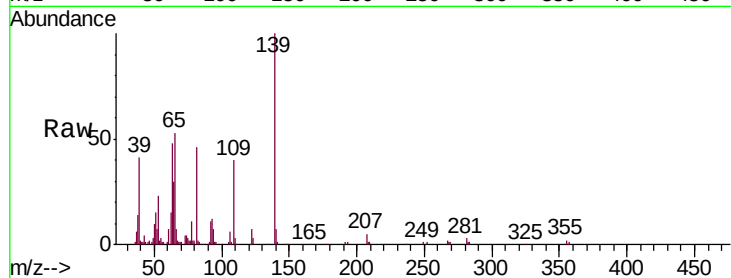
#26
2-Nitrophenol
Concen: 58.411 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	83466		
109	40.3	31.0	46.6	
65	53.2	48.4	72.6	

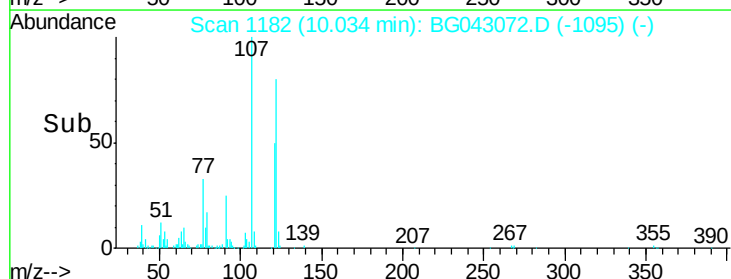
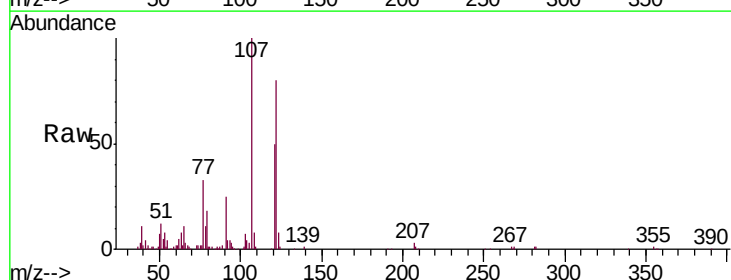
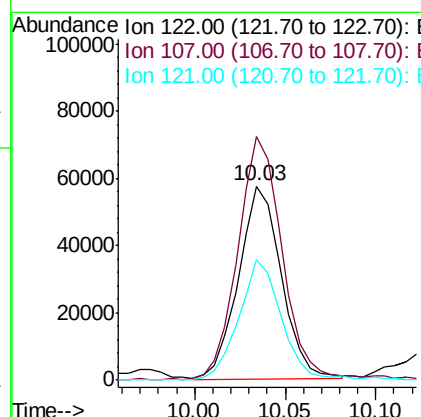
Manual Integrations
APPROVED

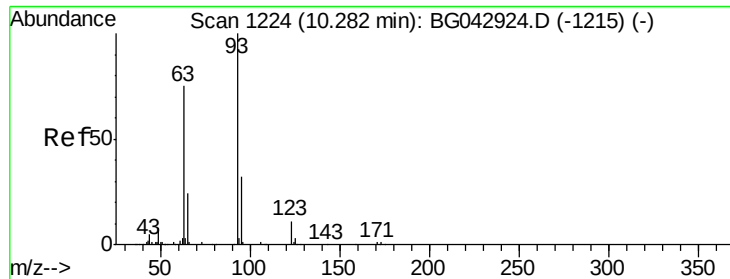
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#27
2,4-Dimethylphenol
Concen: 43.055 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	94482		
107	125.5	102.2	153.2	
121	62.3	48.5	72.7	





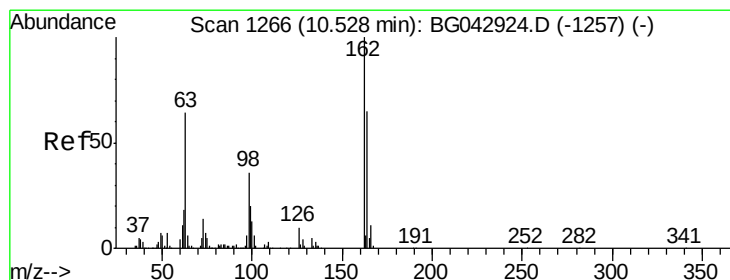
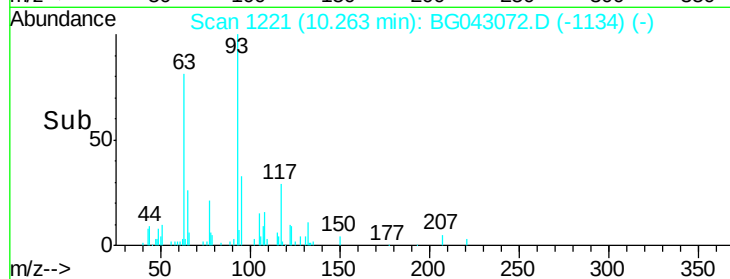
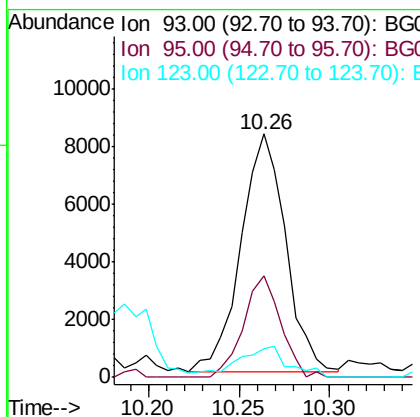
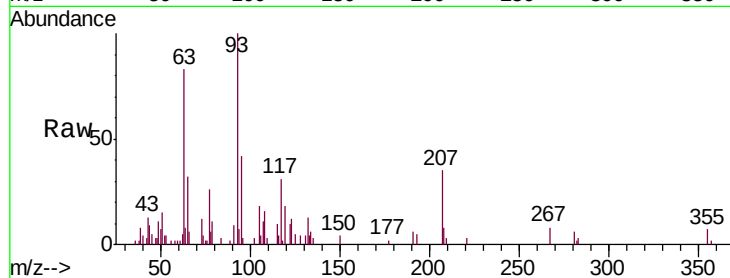
#28
bis(2-Chloroethoxy)methane
Concen: 4.051 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
95	41.6	25.4	38.0
123	11.9	9.3	13.9

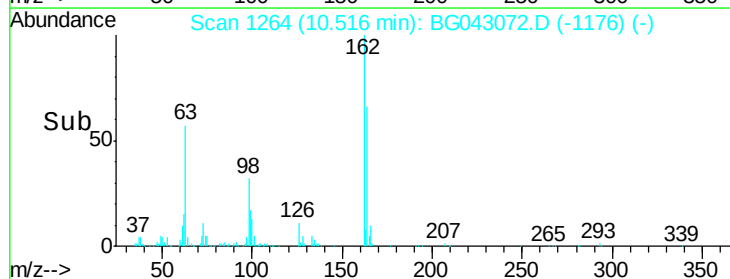
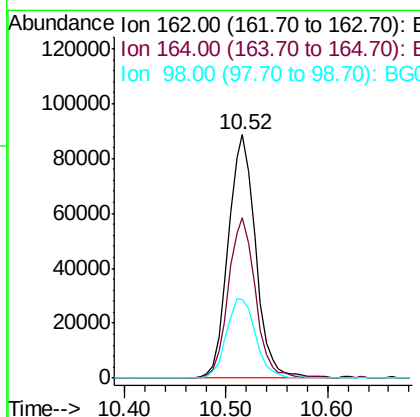
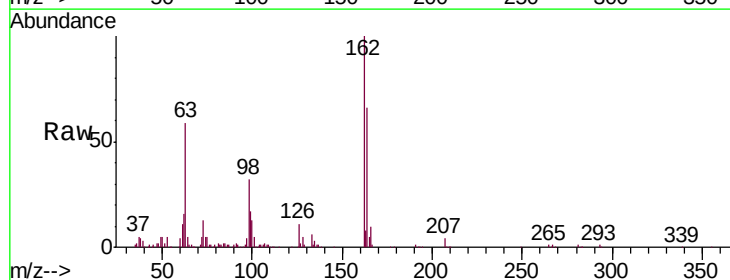
Manual Integrations
APPROVED

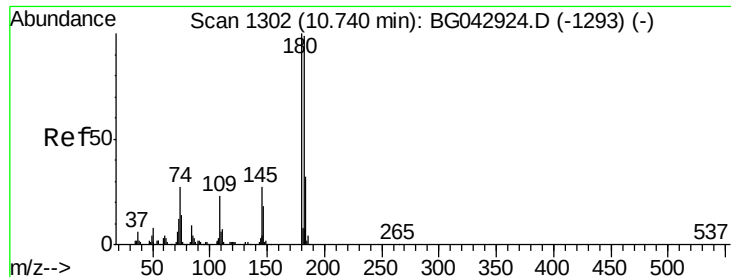
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#29
2,4-Dichlorophenol
Concen: 60.892 ng
RT: 10.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.7	84.7
98	32.1	16.0	56.0





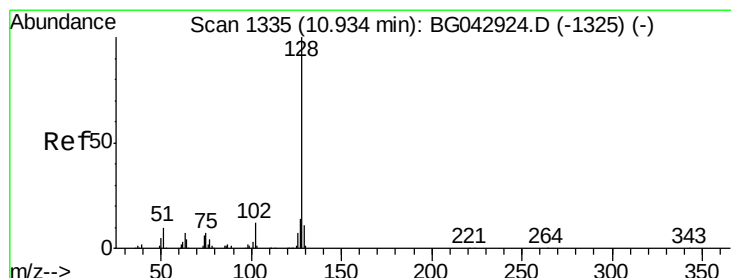
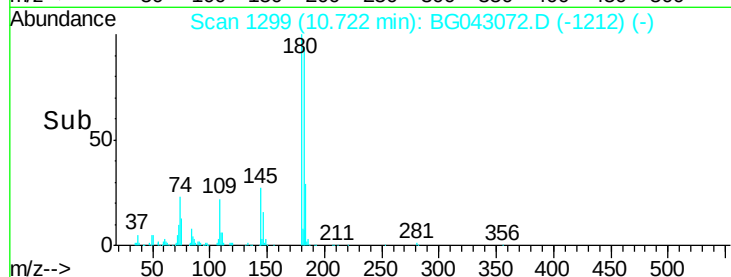
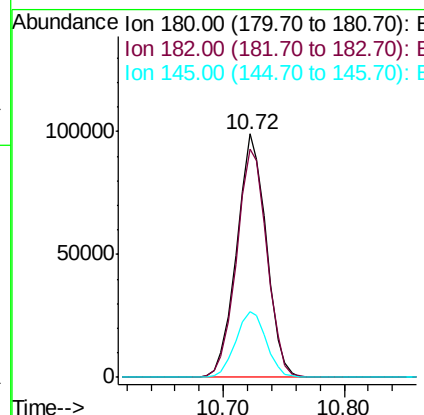
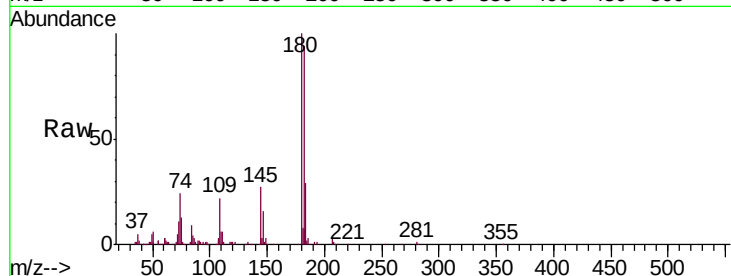
#30
1,2,4-Trichlorobenzene
Concen: 47.858 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	79.3	118.9
145	26.8	22.0	33.0

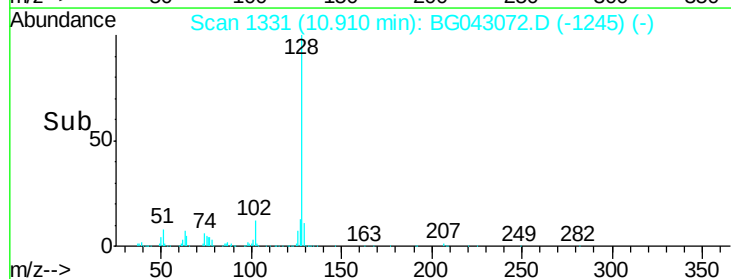
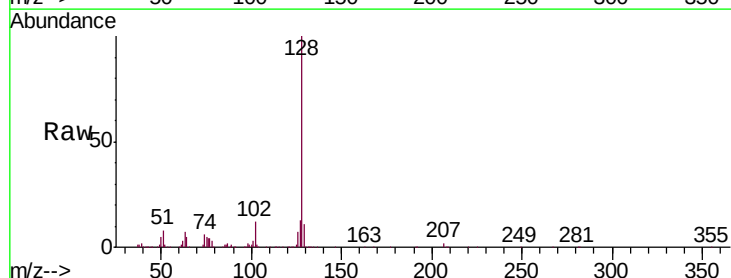
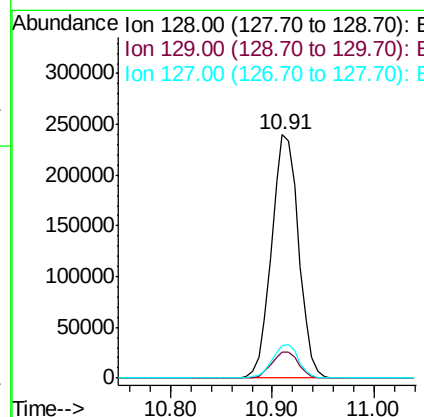
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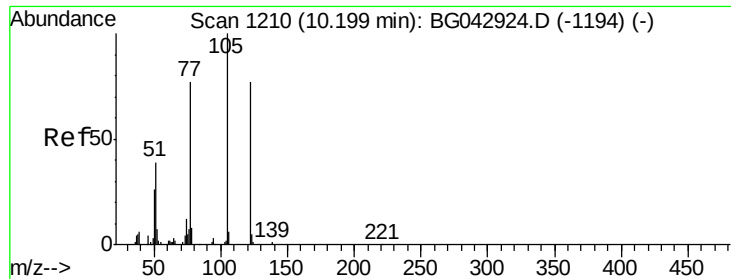
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#31
Naphthalene
Concen: 52.756 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.4	11.3	16.9





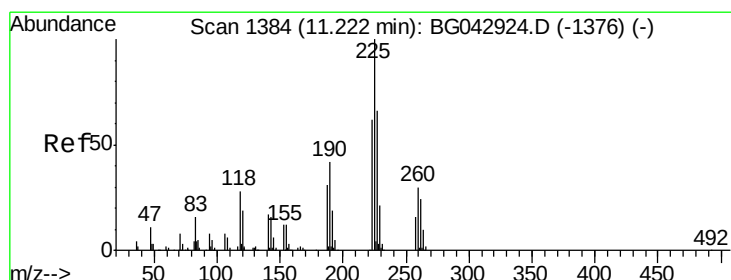
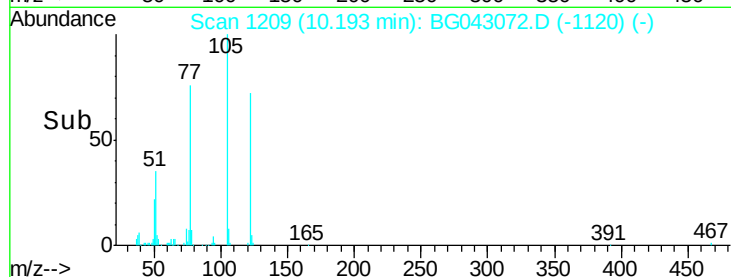
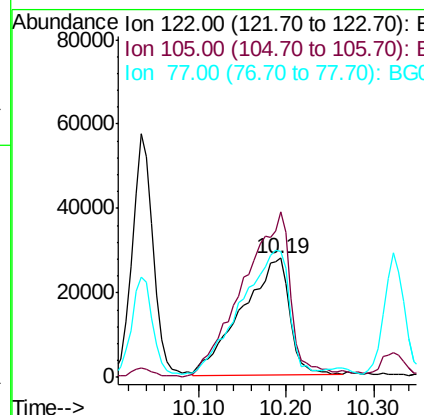
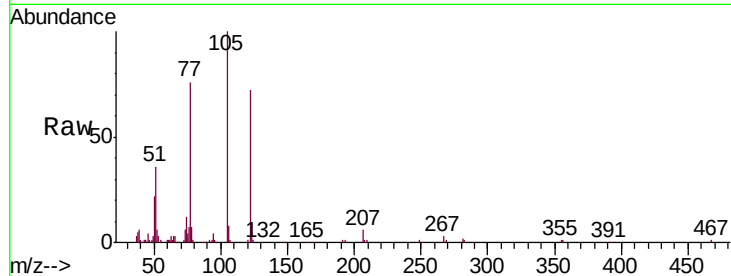
#32
Benzoic acid
Concen: 58.146 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.0	107.5	147.5
77	105.8	79.8	119.8

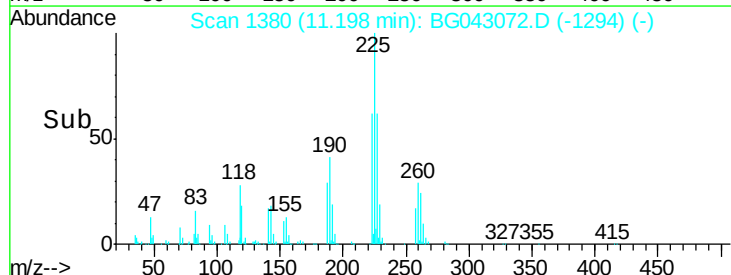
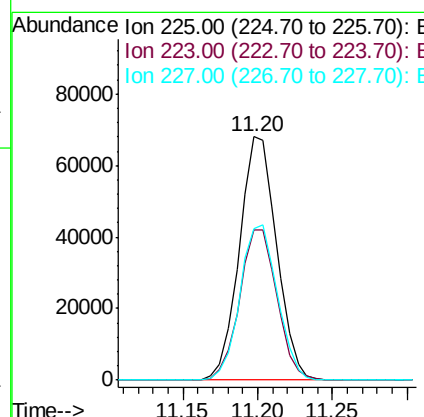
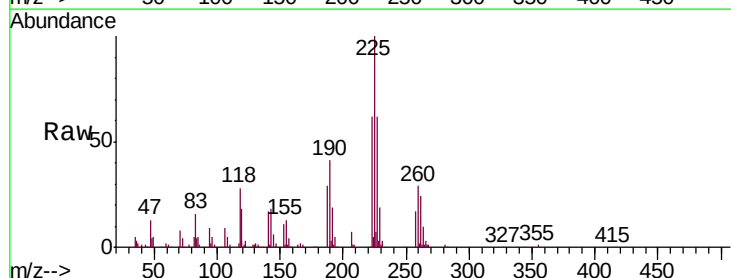
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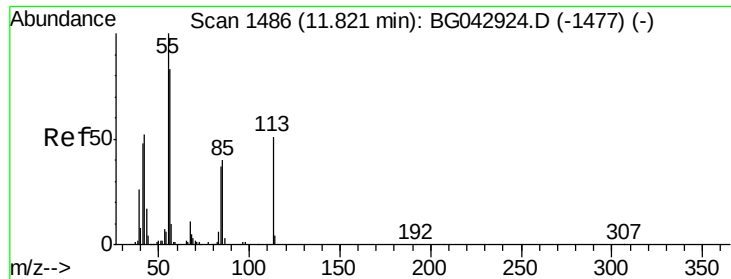
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#34
Hexachlorobutadiene
Concen: 44.628 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.3	73.9
227	62.3	52.8	79.2





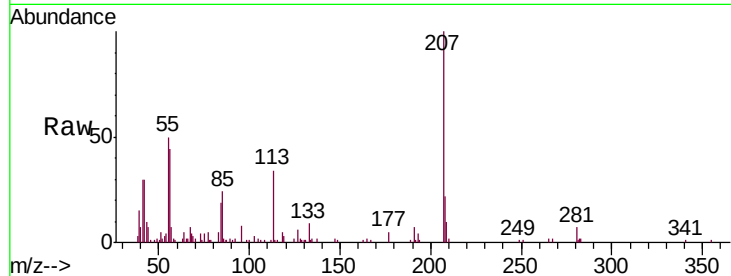
#35
 Caprolactam
 Concen: 50.818 ng m
 RT: 12.00 min Scan# 1517
 Delta R.T. 0.18 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

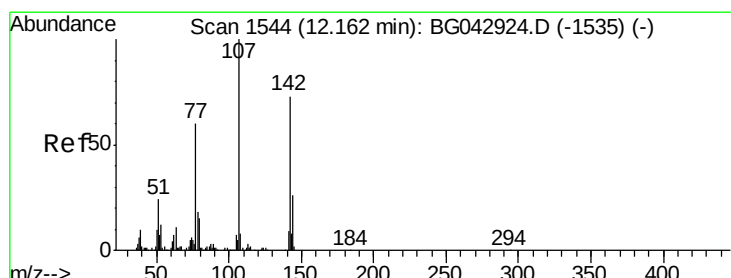
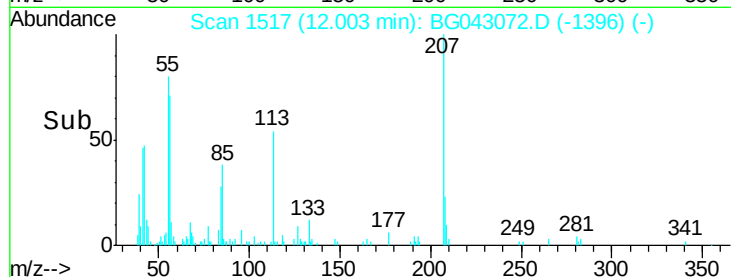
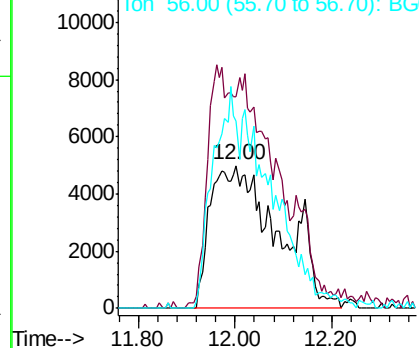
Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	147.9	175.5	215.5#	
56	130.7	142.3	182.3#	

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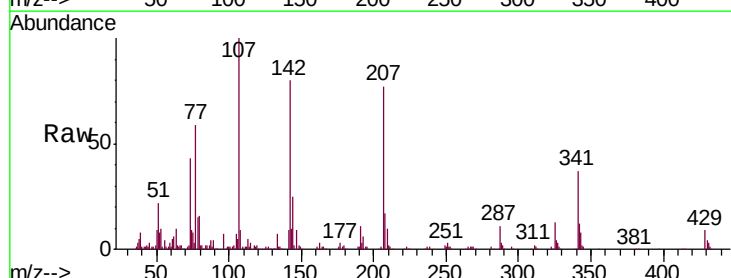


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

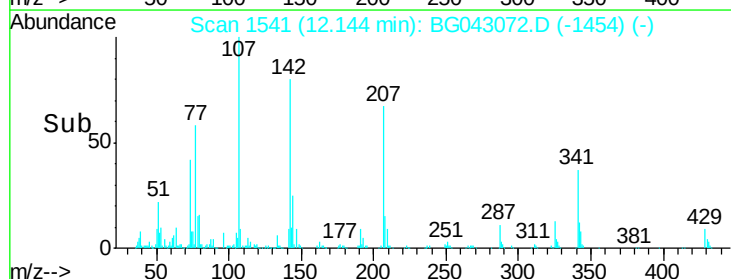
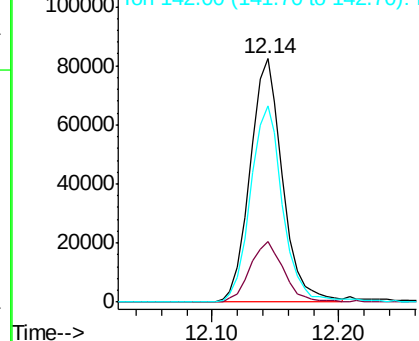


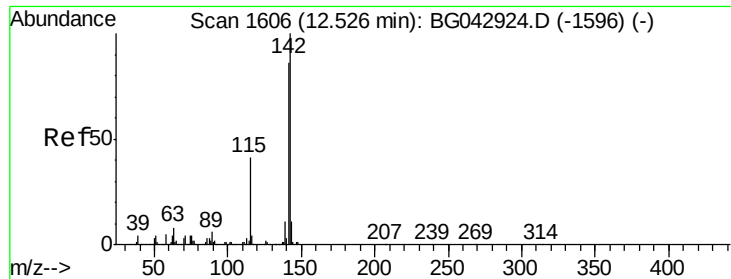
#36
 4-Chloro-3-methylphenol
 Concen: 49.525 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. -0.02 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.7	20.7	31.1	
142	80.5	58.6	87.8	



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





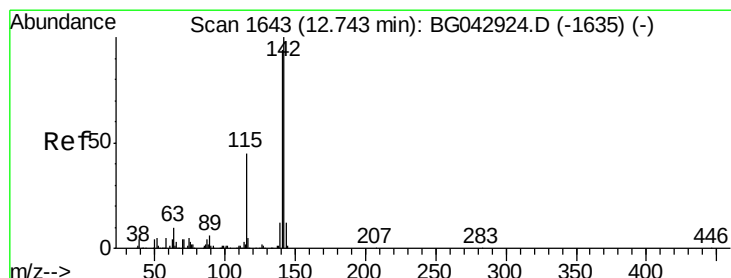
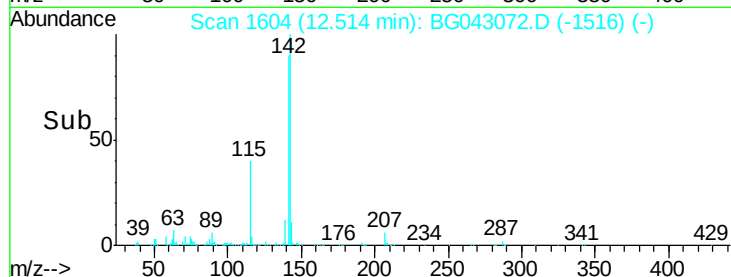
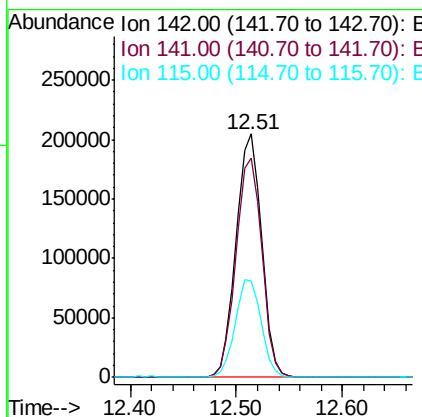
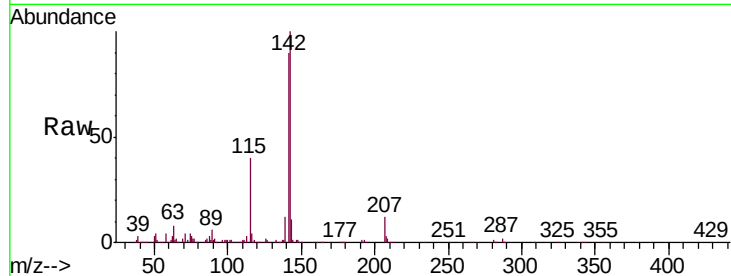
#37
 2-Methylnaphthalene
 Concen: 53.091 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	69.0	103.4
115	39.8	32.8	49.2

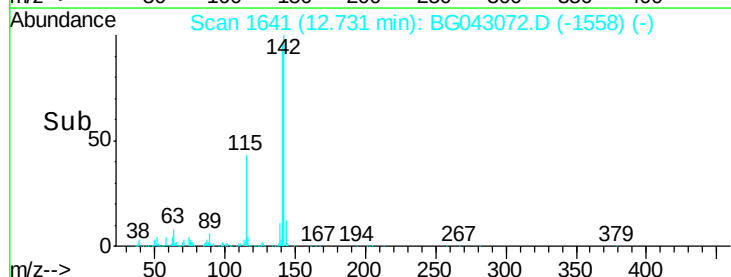
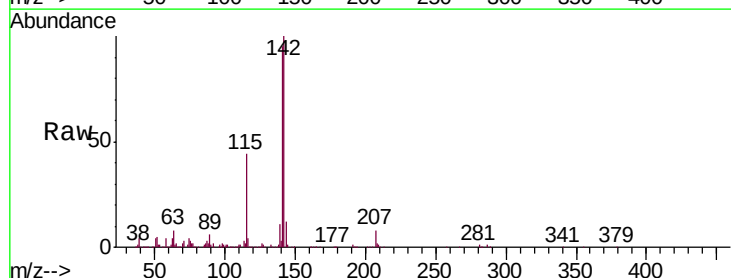
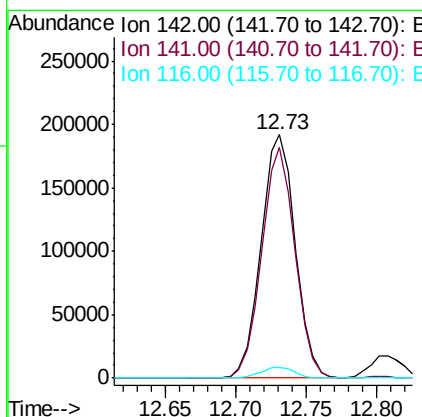
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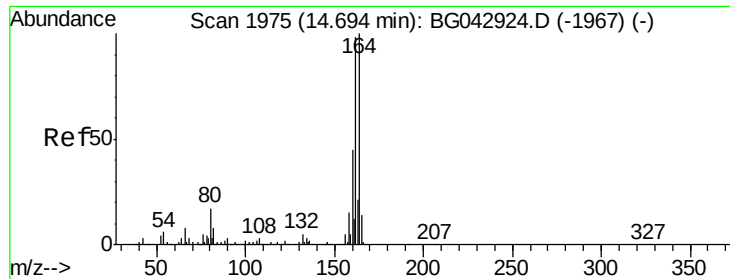
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#38
 1-Methylnaphthalene
 Concen: 53.603 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	74.9	112.3
116	4.4	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: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

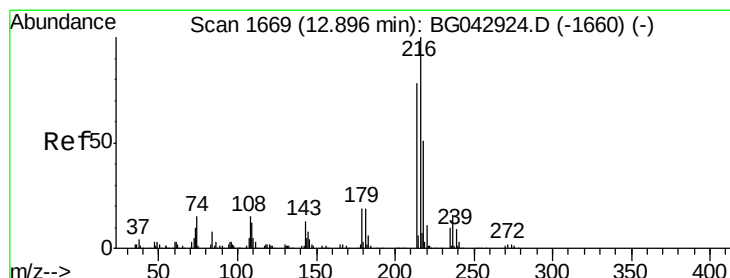
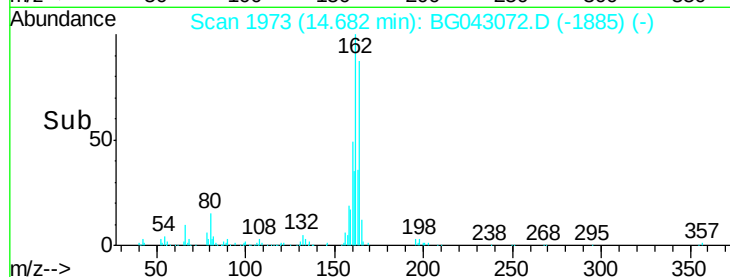
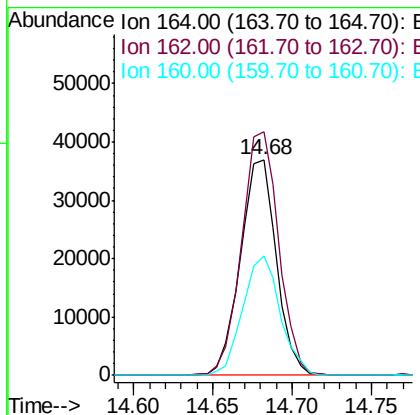
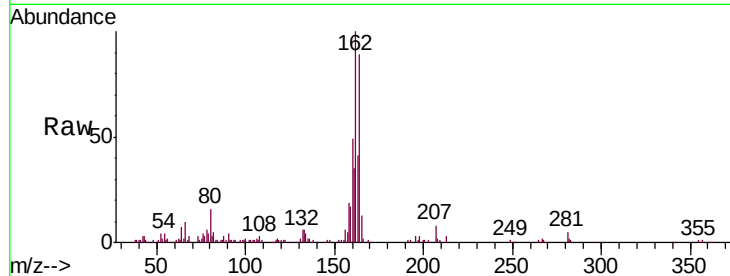
ClientSampleId :

HR-05-100219MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	58231		
162	112.7	78.5	117.7	
160	55.3	35.9	53.9	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 102.274 ng

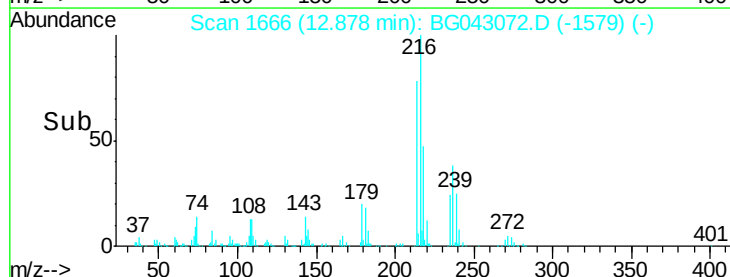
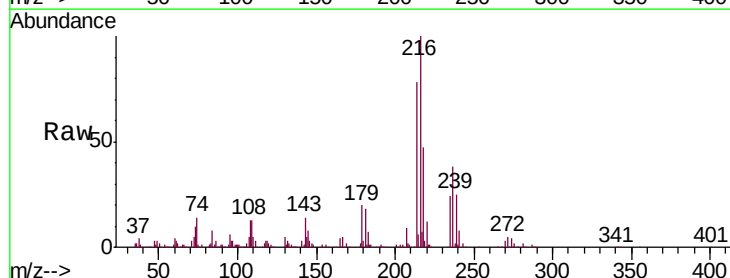
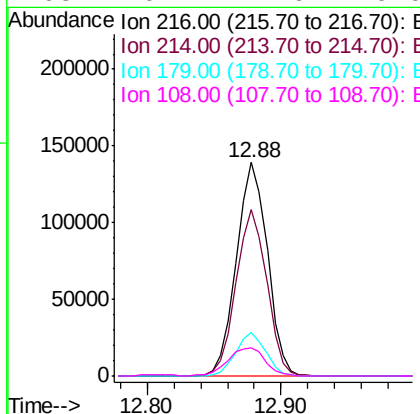
RT: 12.88 min Scan# 1666

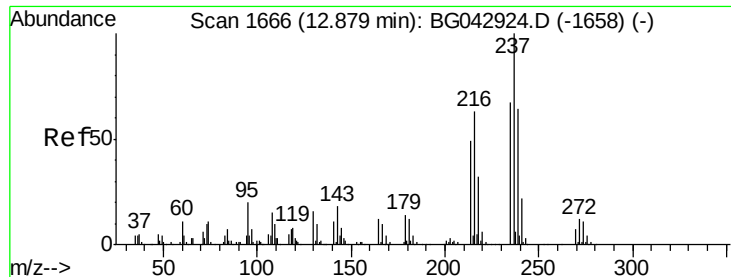
Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	223923		
214	77.2	62.4	93.6	
179	20.1	15.4	23.2	
108	16.2	12.6	19.0	





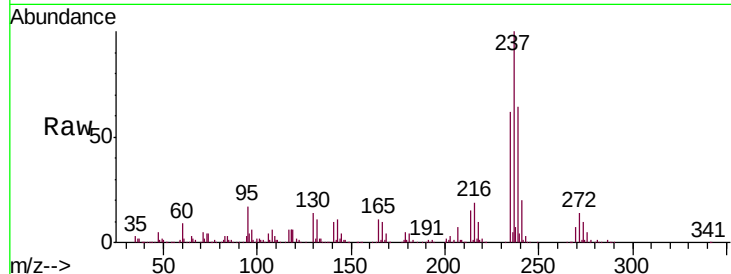
#41
Hexachlorocyclopentadiene
Concen: 204.032 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

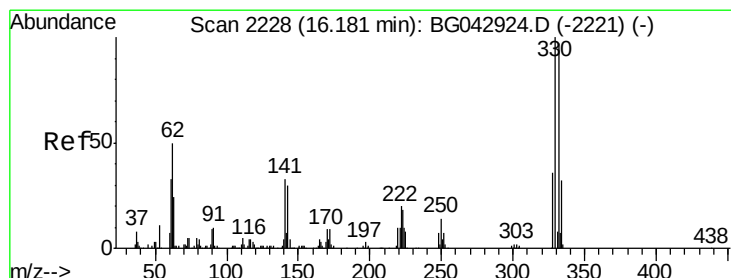
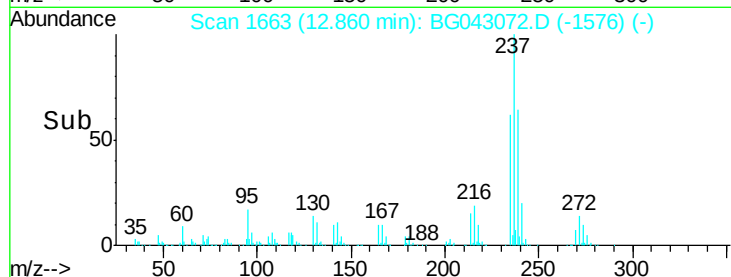
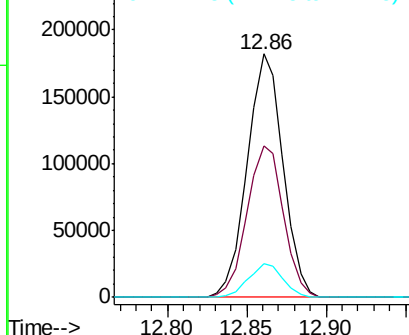
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.5	46.7	86.7
272	13.7	0.0	32.3

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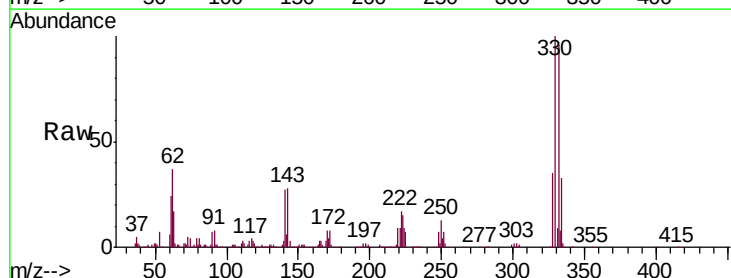


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

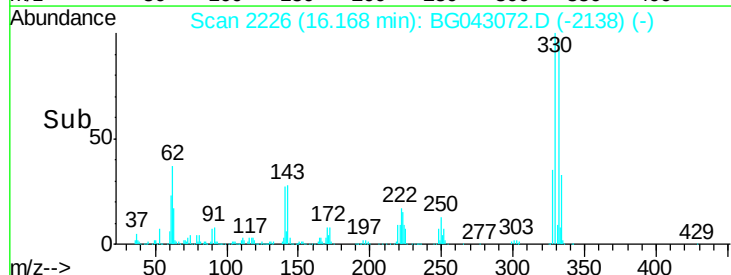
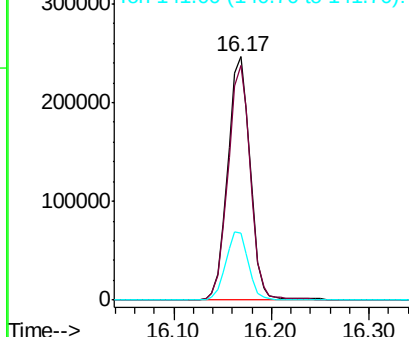


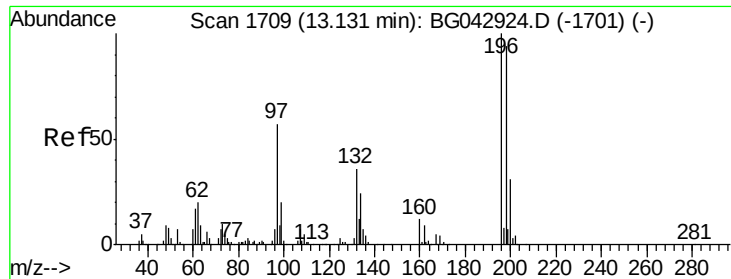
#42
2,4,6-Tribromophenol
Concen: 391.968 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.5	78.2	117.2
141	28.4	26.0	39.0



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





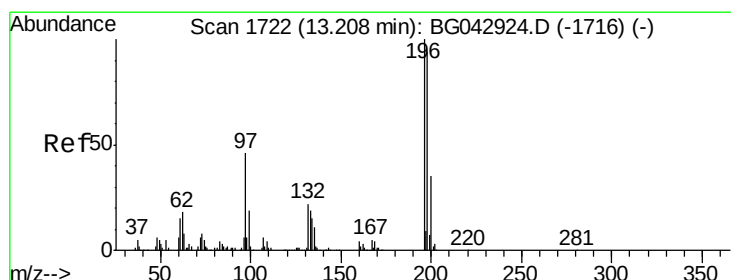
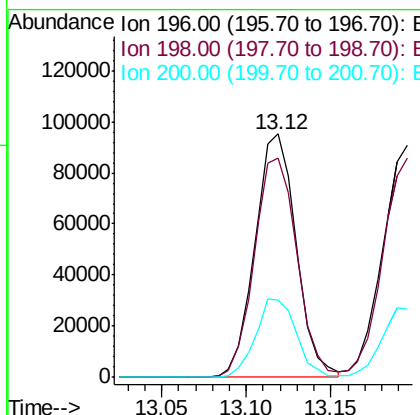
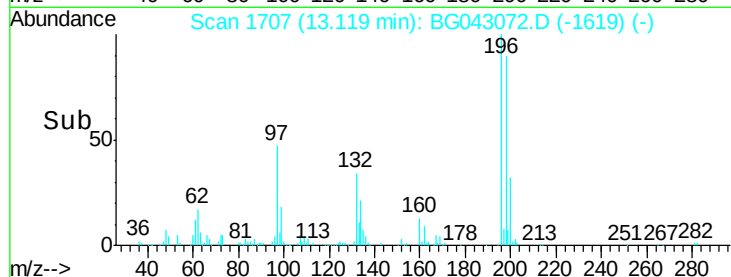
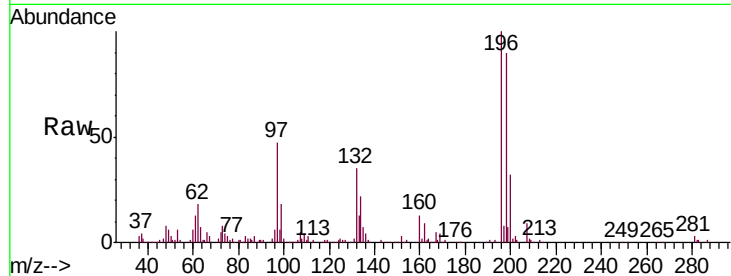
#43
 2,4,6-Trichlorophenol
 Concen: 125.891 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	161328		
198	90.3	75.5	113.3	
200	31.7	24.9	37.3	

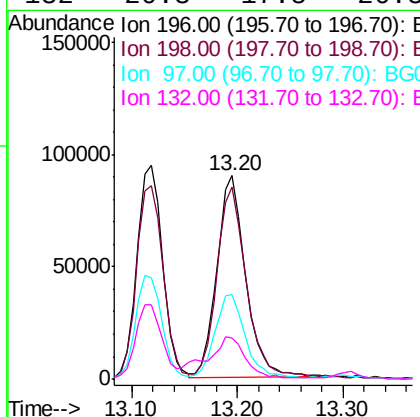
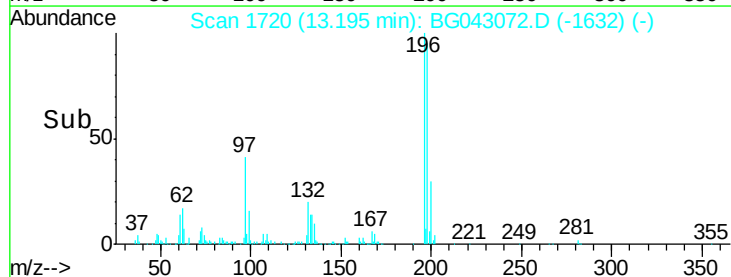
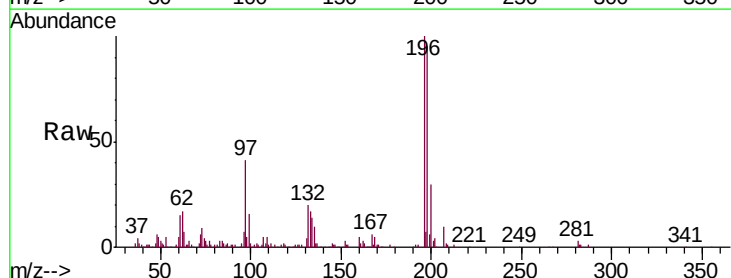
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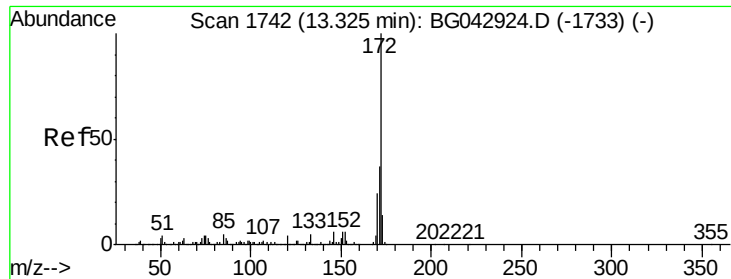
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#44
 2,4,5-Trichlorophenol
 Concen: 130.825 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172706		
198	94.6	75.1	112.7	
97	41.5	37.0	55.4	
132	20.3	17.5	26.3	





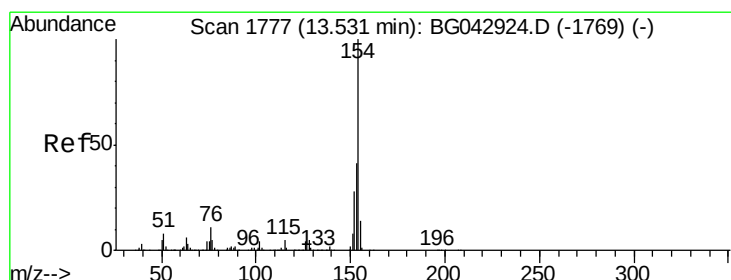
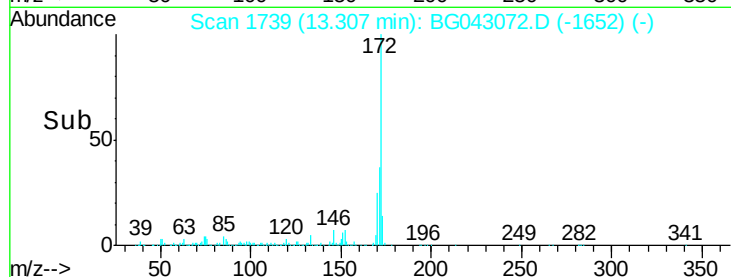
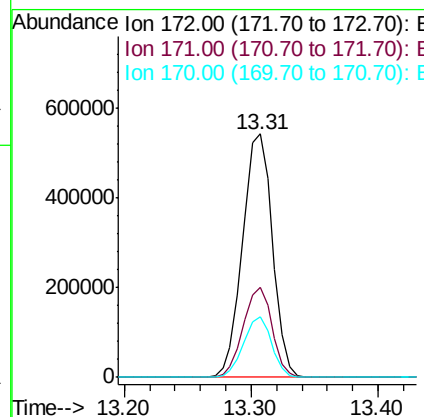
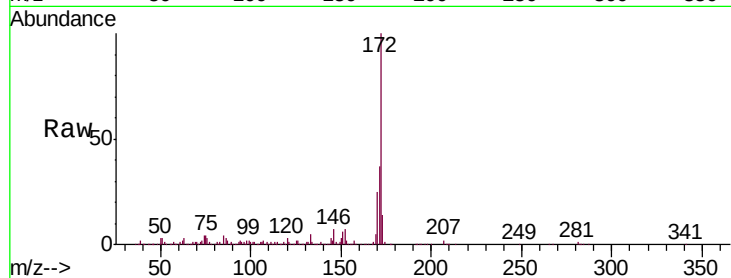
#45
2-Fluorobiphenyl
Concen: 220.104 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	884105		
171	36.9	29.6	44.4	
170	25.0	19.6	29.4	

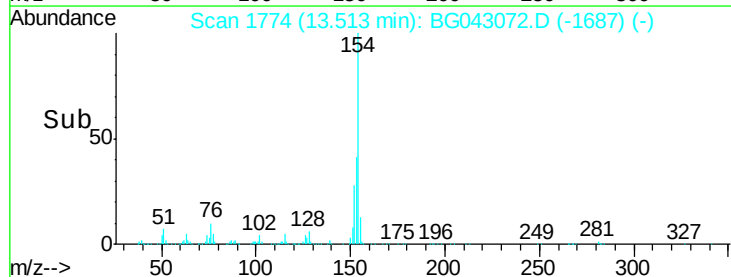
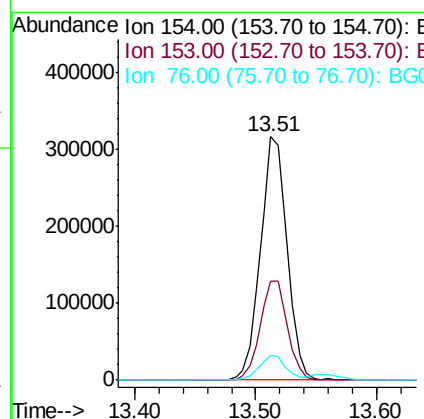
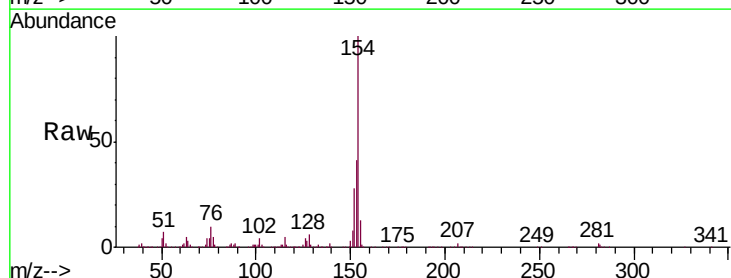
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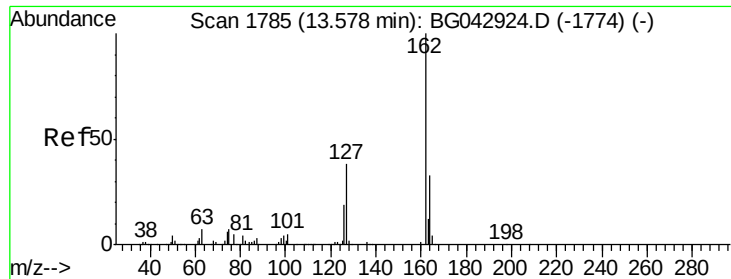
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#46
1,1'-Biphenyl
Concen: 109.846 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	485073		
153	40.6	21.4	61.4	
76	10.2	0.0	31.3	





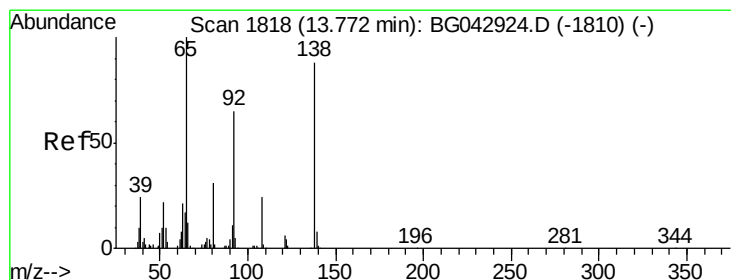
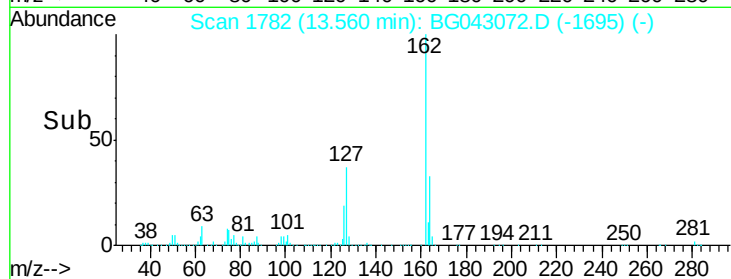
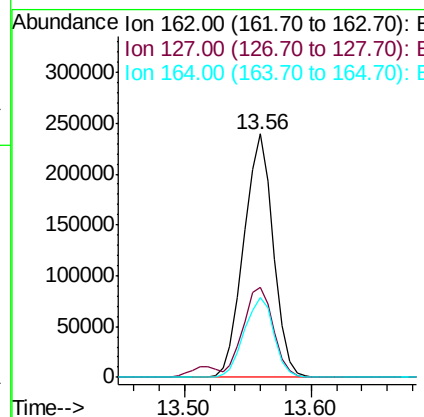
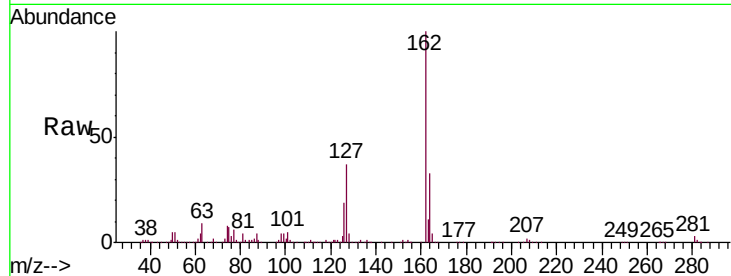
#47
 2-Chloronaphthalene
 Concen: 116.365 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	36.8	31.0	46.6
164	32.5	26.2	39.2

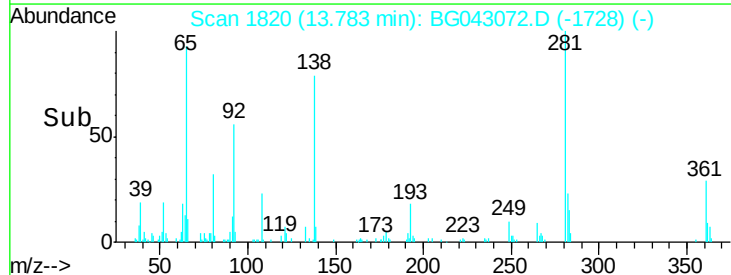
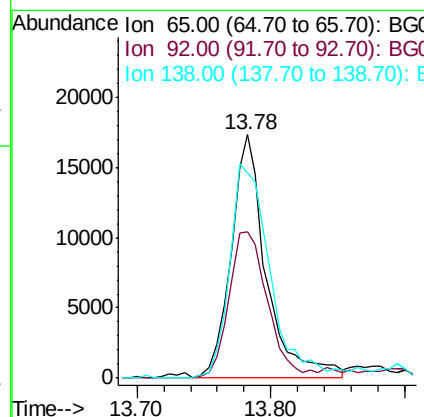
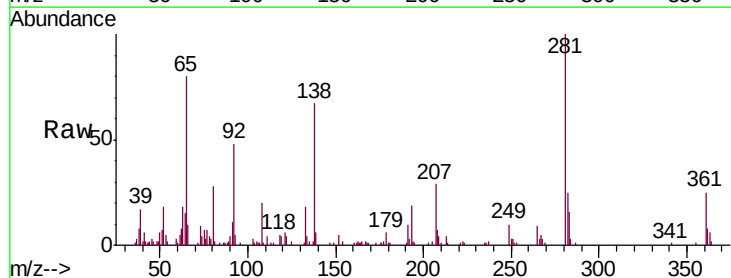
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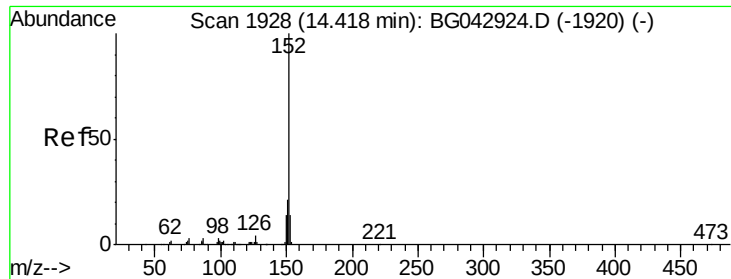
mohammad
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#48
 2-Nitroaniline
 Concen: 29.048 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. 0.01 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	60.3	52.0	78.0
138	84.1	70.4	105.6





#49

Acenaphthylene

Concen: 19.320 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

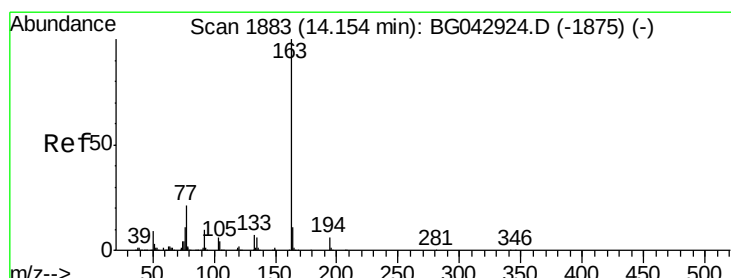
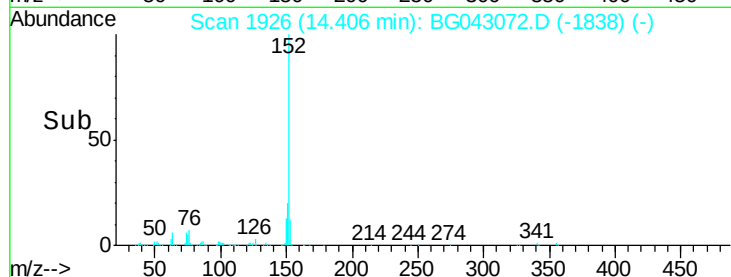
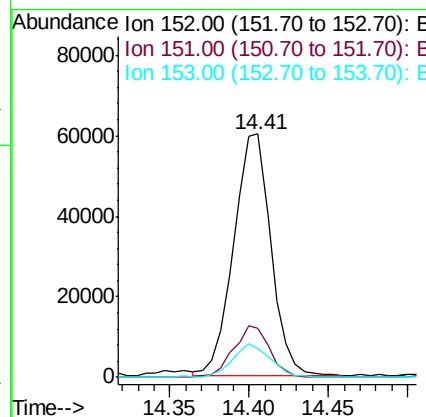
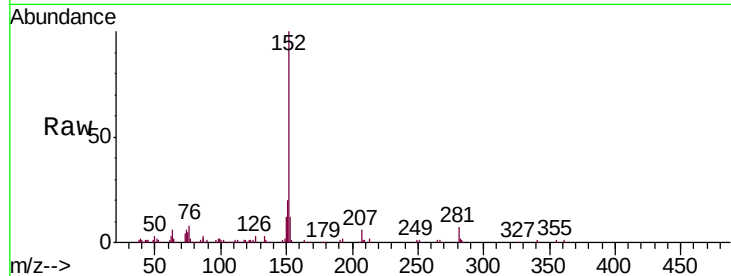
ClientSampleId :

HR-05-100219MSD

Tgt Ion:	152	Resp:	97877
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.8	25.2
153	11.9	11.3	16.9

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#50

Dimethylphthalate

Concen: 135.968 ng

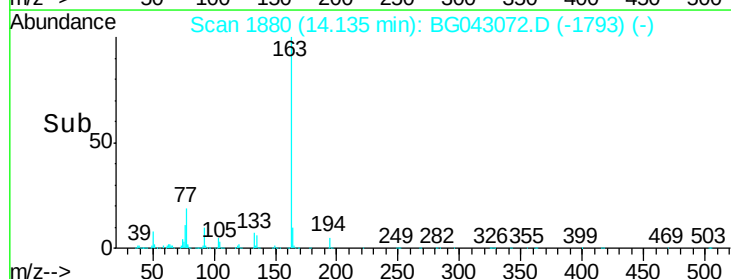
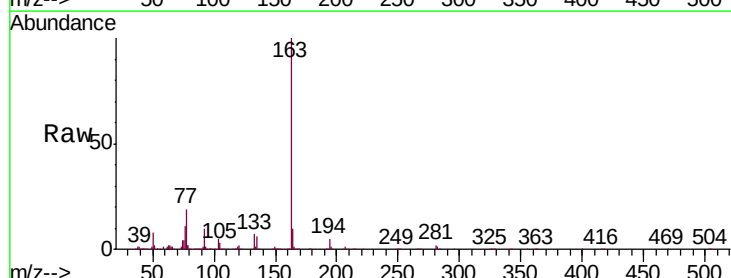
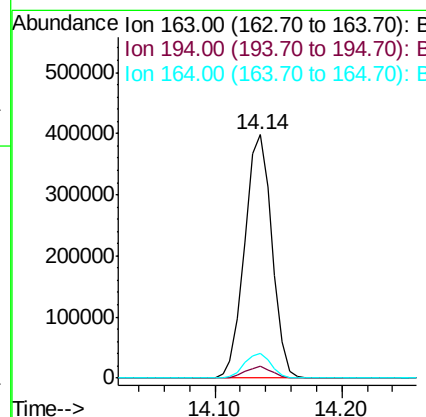
RT: 14.14 min Scan# 1880

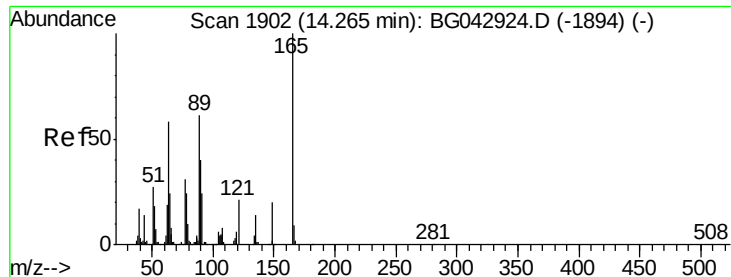
Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Tgt Ion:	163	Resp:	593233
Ion Ratio	Lower	Upper	
163	100		
194	4.8	4.4	6.6
164	10.0	8.6	12.8





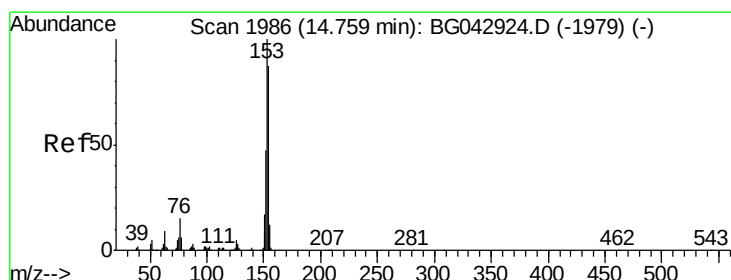
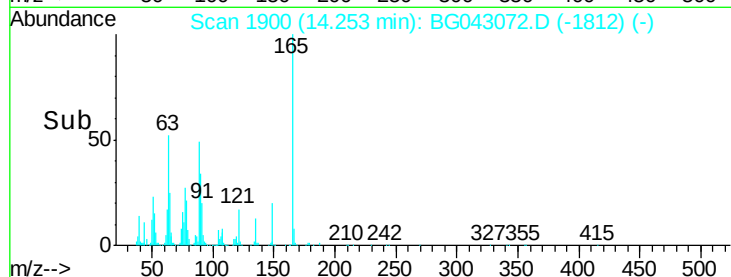
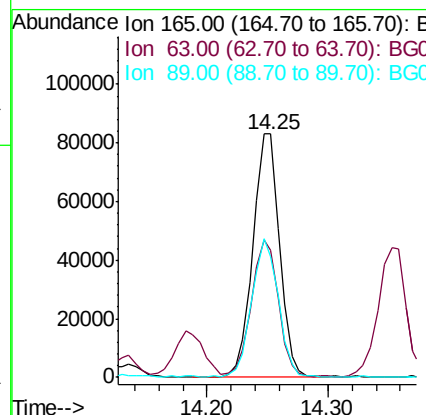
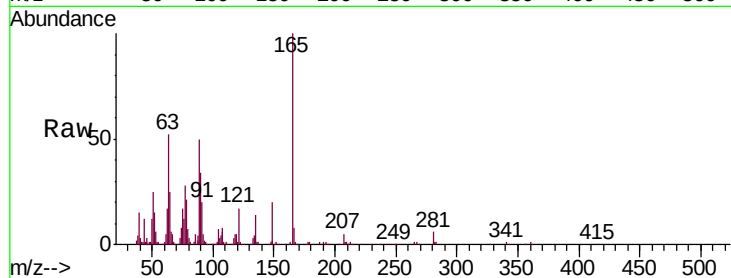
#51
2,6-Dinitrotoluene
Concen: 138.129 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.0	50.3	75.5
89	49.7	48.9	73.3

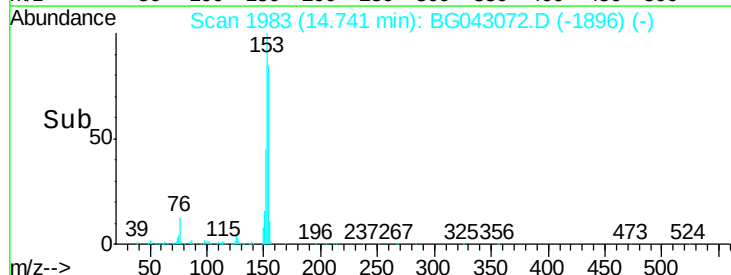
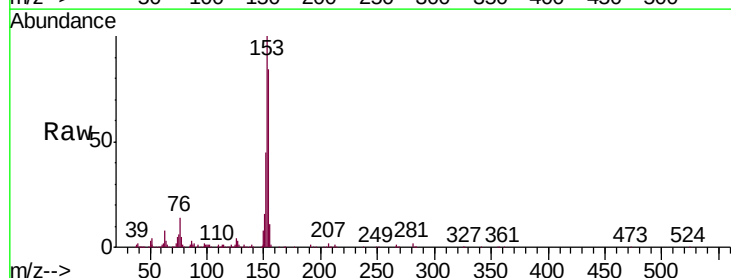
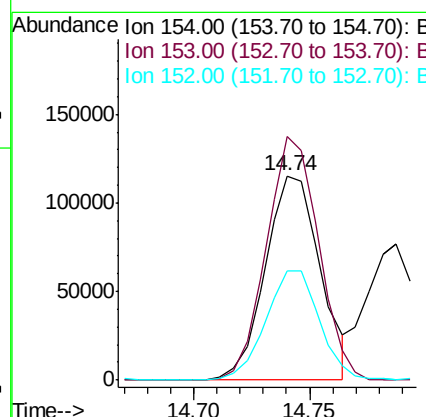
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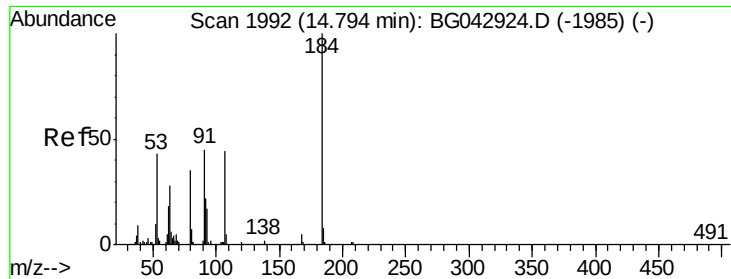
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#52
Acenaphthene
Concen: 55.783 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	119.3	91.4	137.0
152	53.7	42.8	64.2





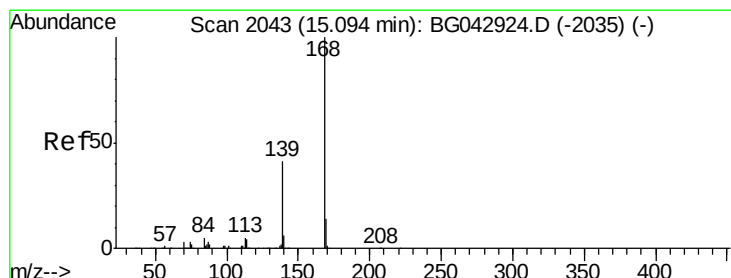
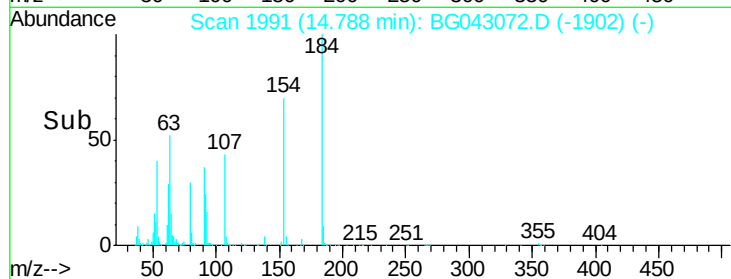
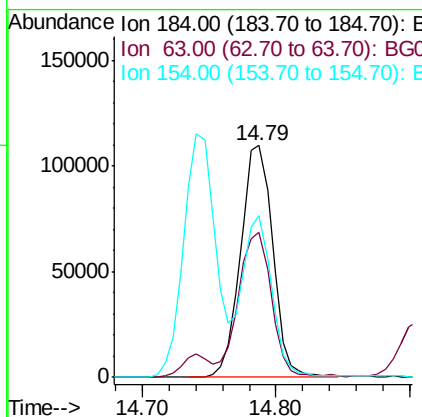
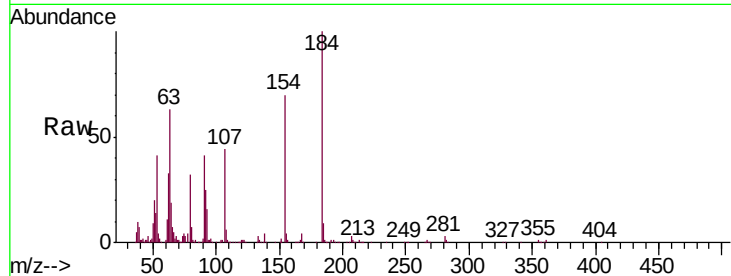
#54
2,4-Dinitrophenol
Concen: 316.179 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	182605		
63	62.8	55.0	82.6	
154	69.8	56.5	84.7	

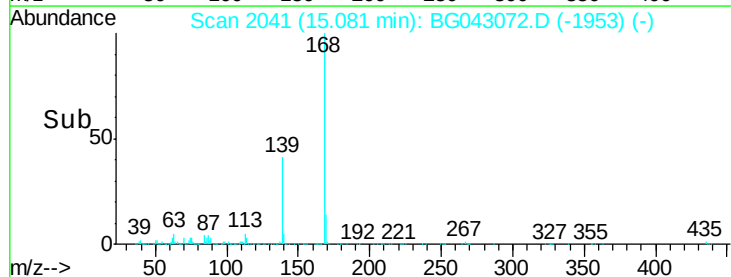
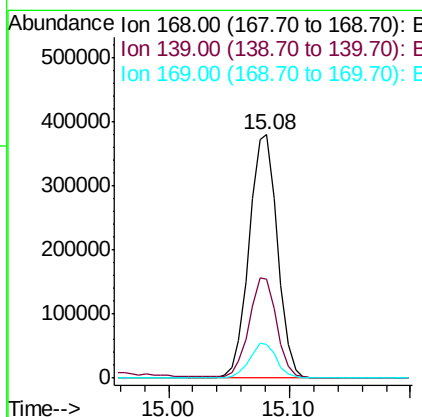
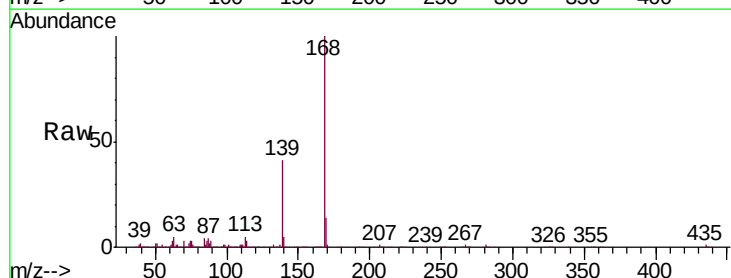
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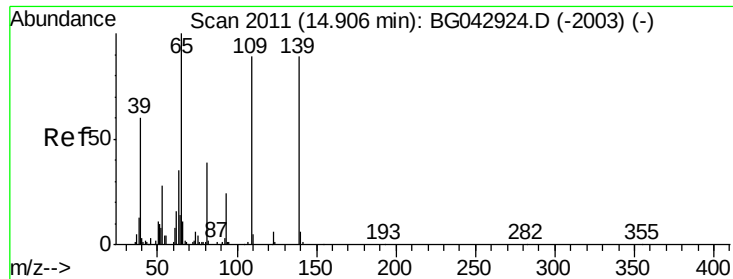
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#55
Dibenzofuran
Concen: 123.535 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	619678		
139	40.8	32.6	48.8	
169	13.6	11.2	16.8	





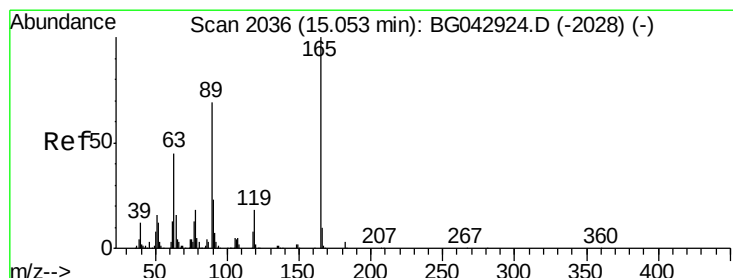
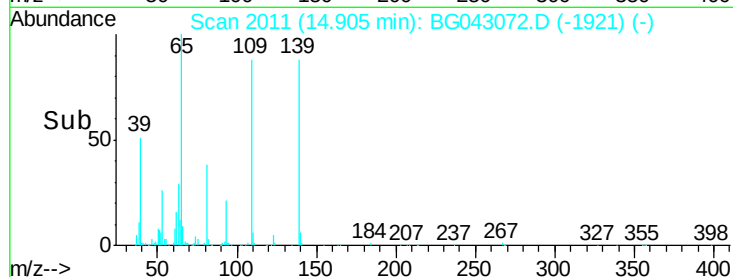
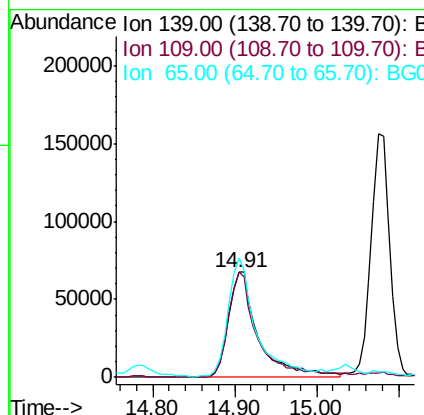
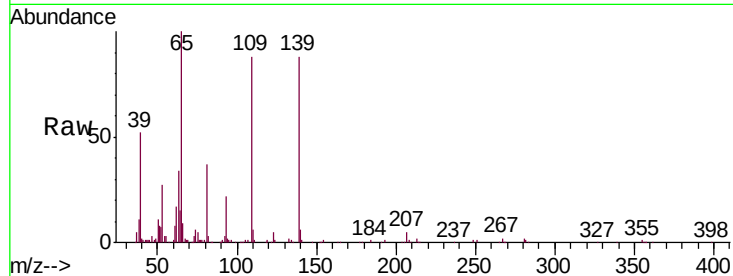
#56
4-Nitrophenol
Concen: 237.253 ng
RT: 14.91 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	173580		
109	100.0	79.4	119.4	
65	113.9	92.5	132.5	

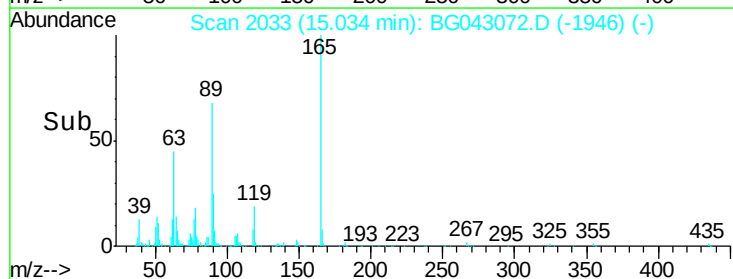
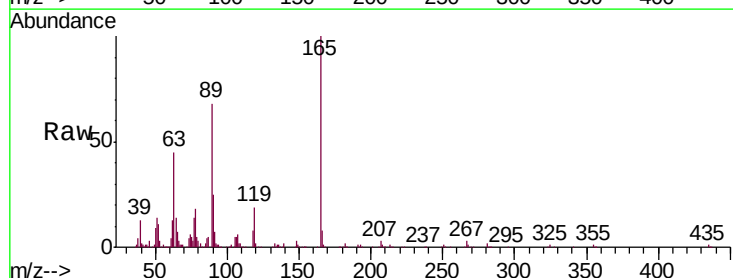
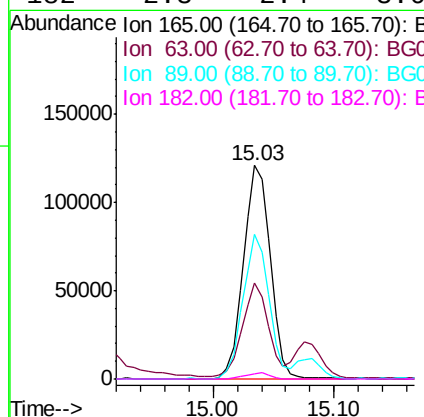
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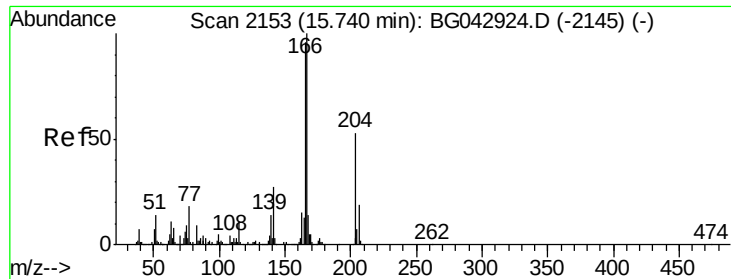
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#57
2,4-Dinitrotoluene
Concen: 138.853 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	188928		
63	45.0	36.5	54.7	
89	67.9	55.5	83.3	
182	2.3	2.4	3.6	





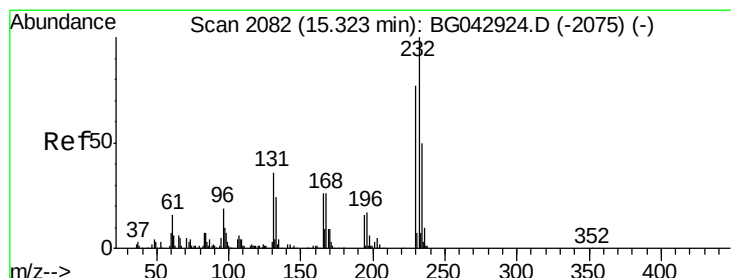
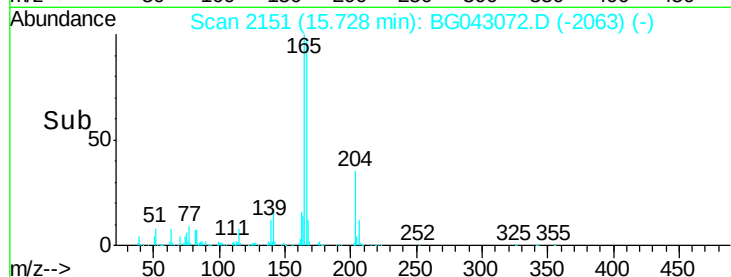
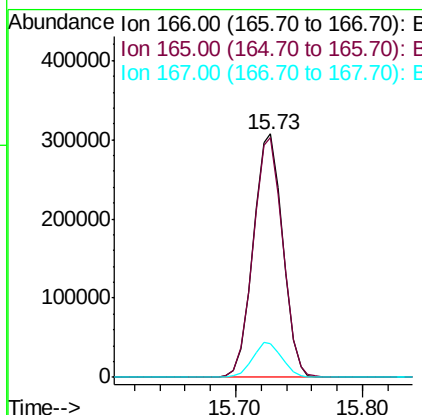
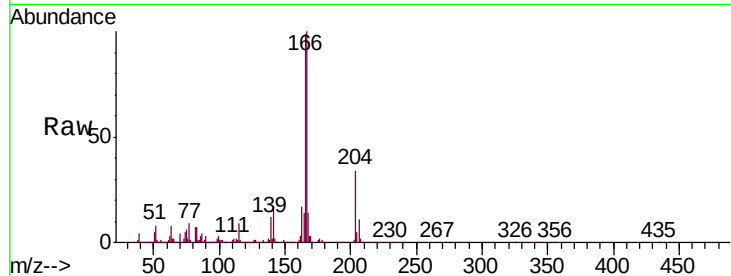
#58
 Fluorene
 Concen: 116.007 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	496812		
165	98.6	77.1	115.7	
167	13.9	11.0	16.6	

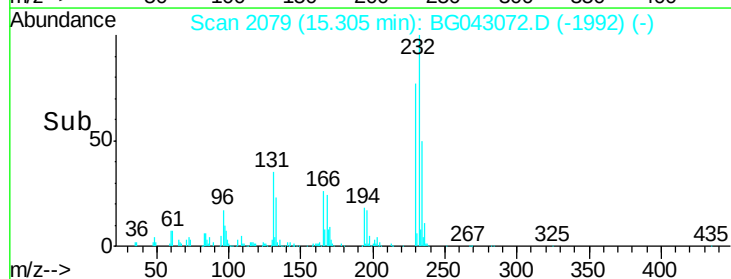
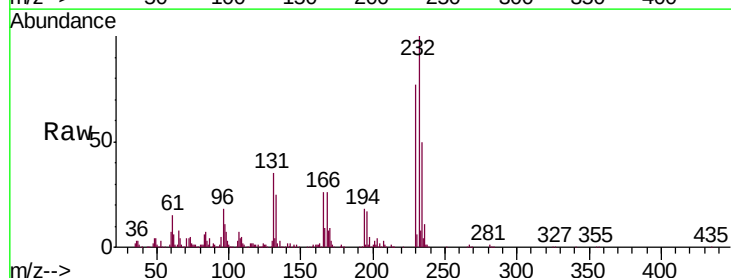
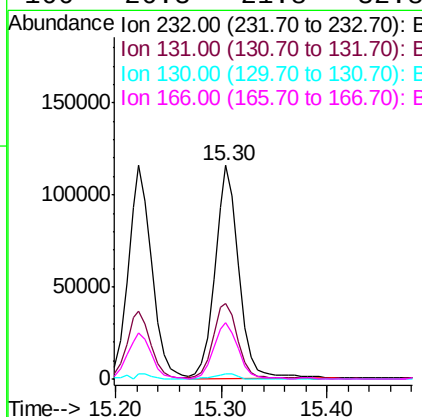
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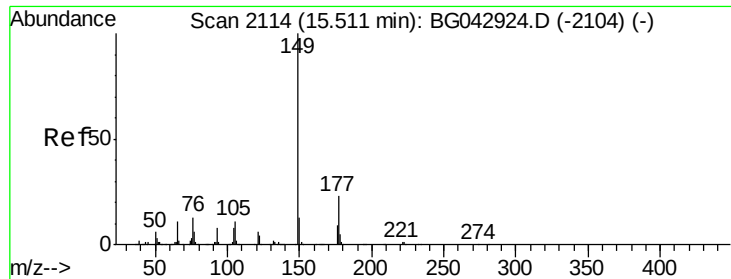
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 128.731 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	180944		
131	37.2	29.6	44.4	
130	2.5	1.9	2.9	
166	26.3	21.8	32.8	





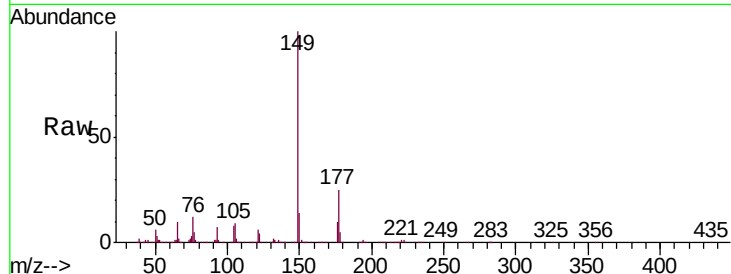
#60
Diethylphthalate
Concen: 113.085 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

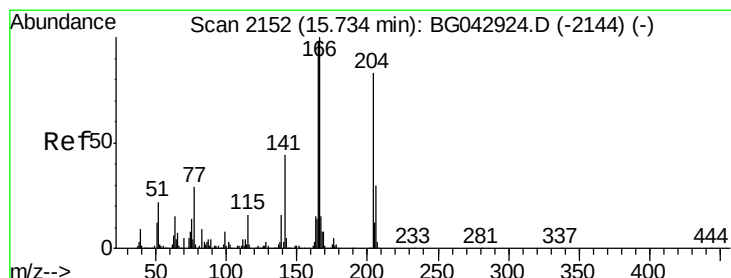
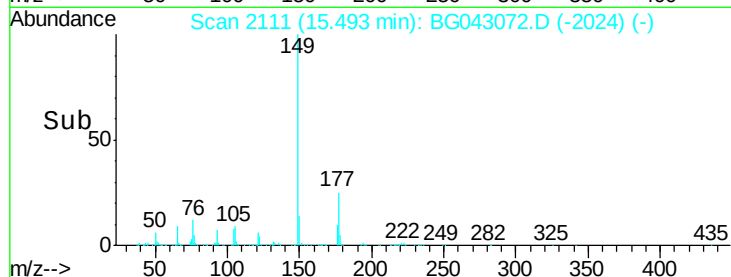
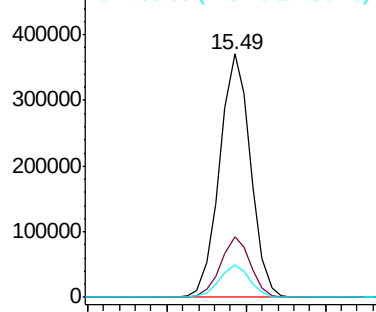
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	25.1	18.8	28.2
150	13.6	10.6	15.8

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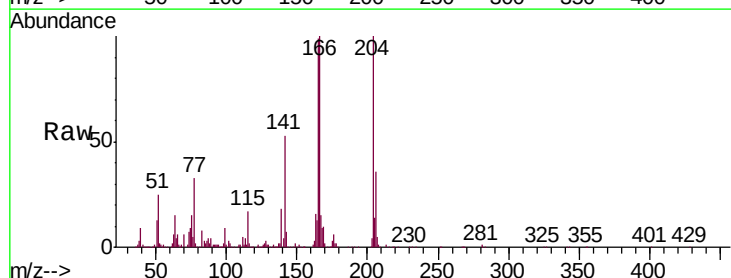


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

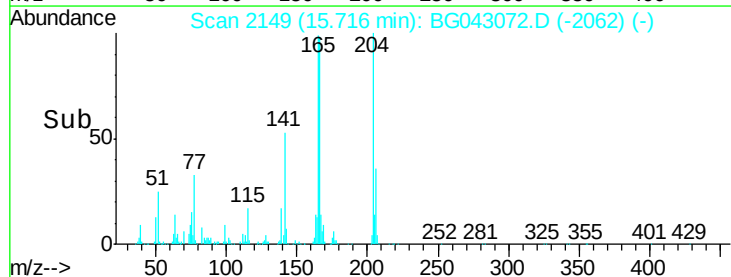
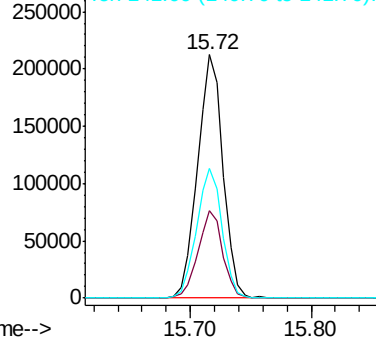


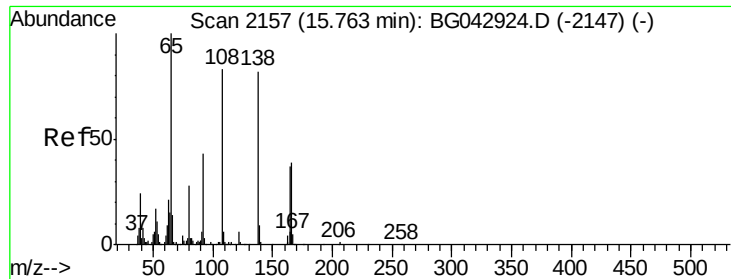
#61
4-Chlorophenyl-phenylether
Concen: 120.292 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	35.9	28.5	42.7
141	53.1	42.4	63.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 10.631 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.05 min

Lab File: BG043072.D

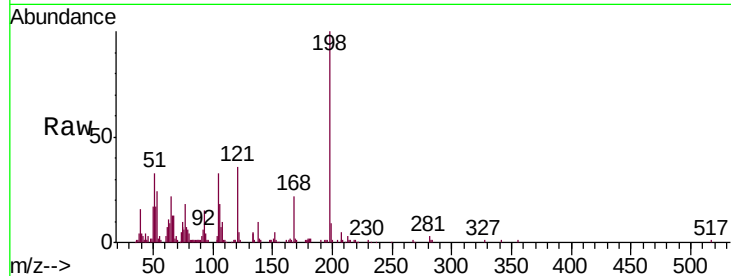
Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

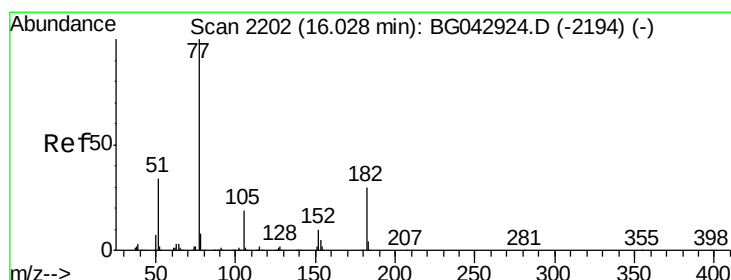
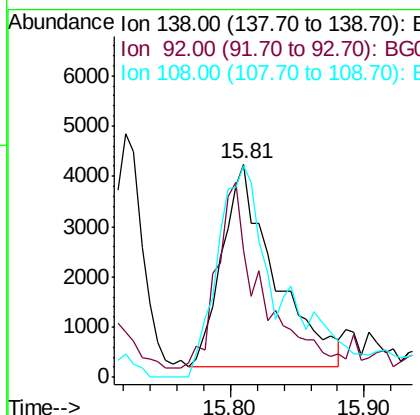
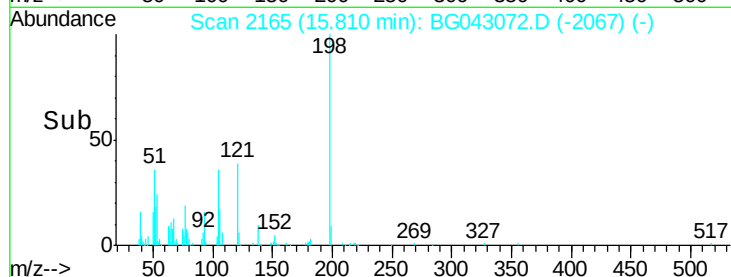
HR-05-100219MSD



Tgt Ion:	138	Resp:	11133
Ion	Ratio	Lower	Upper
138	100		
92	59.5	32.9	72.9
108	99.2	81.3	121.3

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#63

Azobenzene

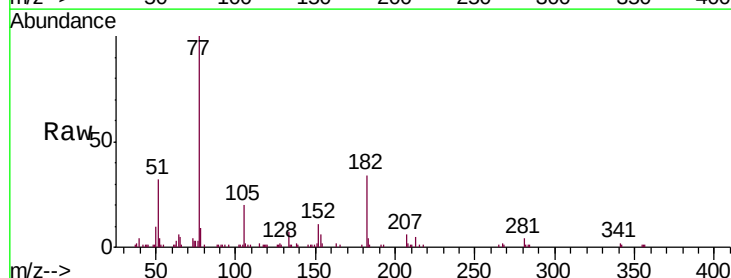
Concen: 10.779 ng

RT: 16.01 min Scan# 2199

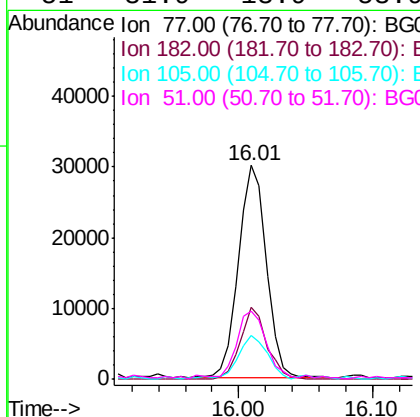
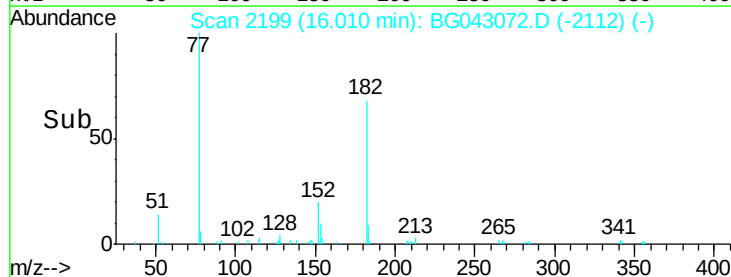
Delta R.T. -0.02 min

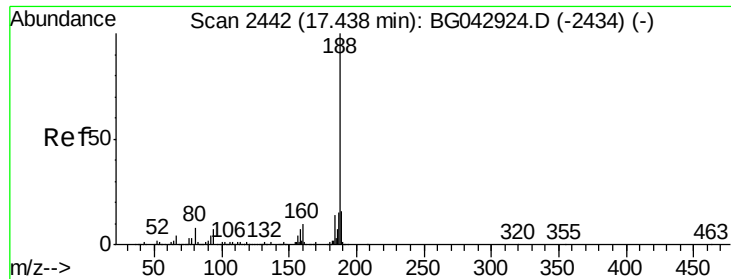
Lab File: BG043072.D

Acq: 7 Oct 2019 17:53



Tgt Ion:	77	Resp:	43575
Ion	Ratio	Lower	Upper
77	100		
182	33.7	10.2	50.2
105	20.2	0.0	39.1
51	31.9	13.9	53.9





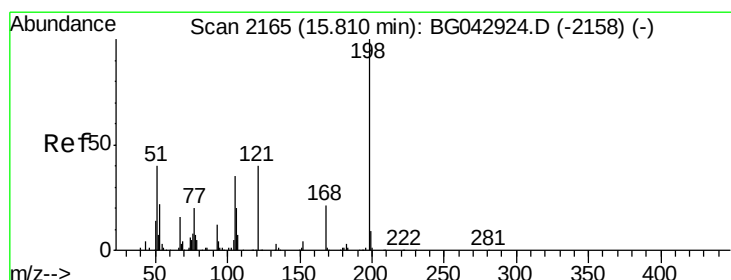
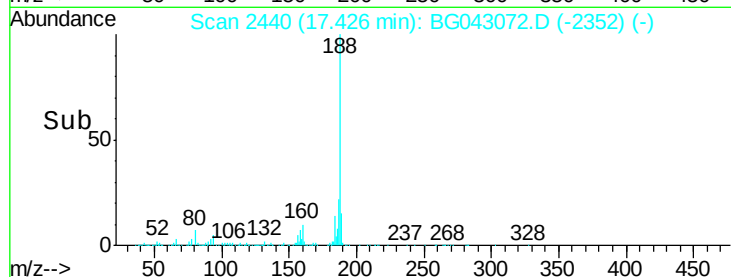
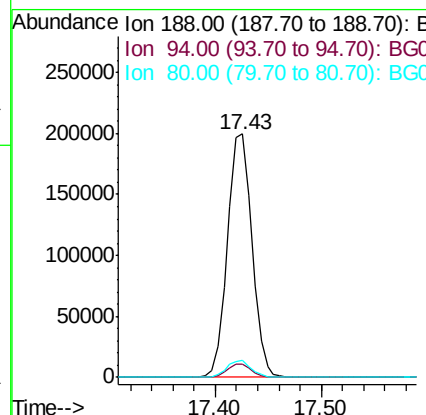
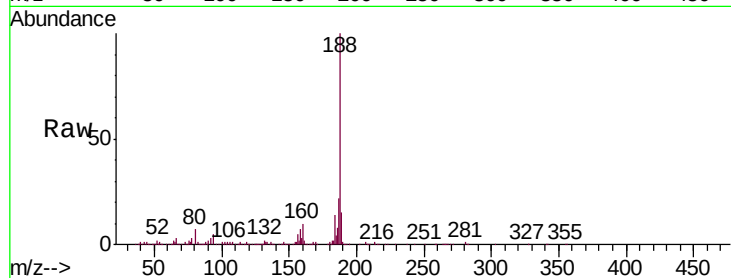
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
188	100		321833		
94	5.4	5.7	8.5#		
80	6.9	6.5	9.7		

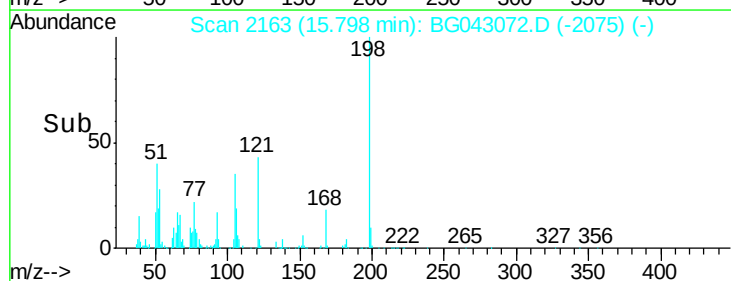
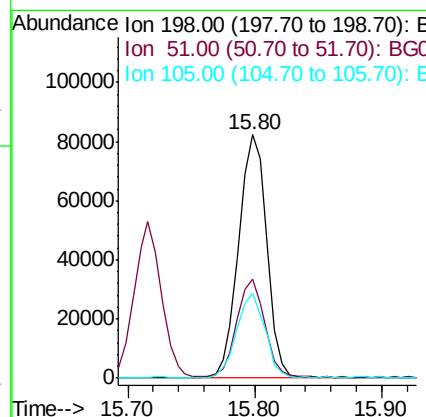
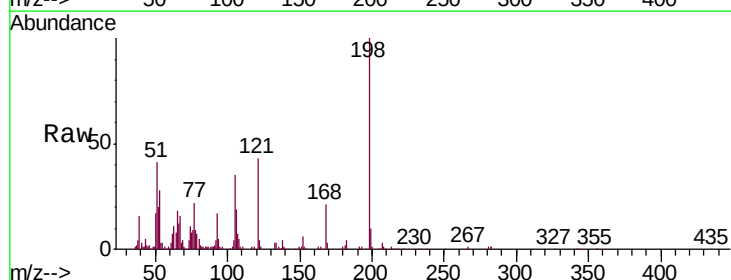
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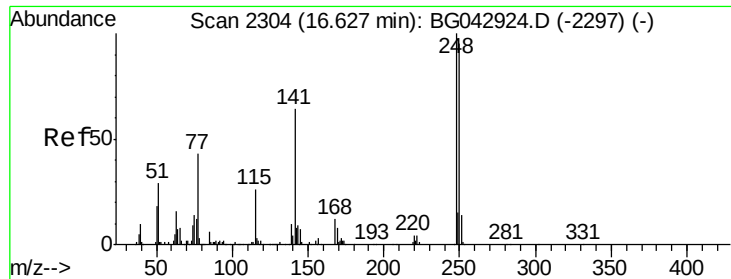
mohammad
10/8/2019 12:22:49 PM



#65
4,6-Dinitro-2-methylphenol
Concen: 69.201 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt	Ion	Ratio	Resp	Lower	Upper
198	100		126024		
51	40.8	25.3	65.3		
105	35.1	16.6	56.6		





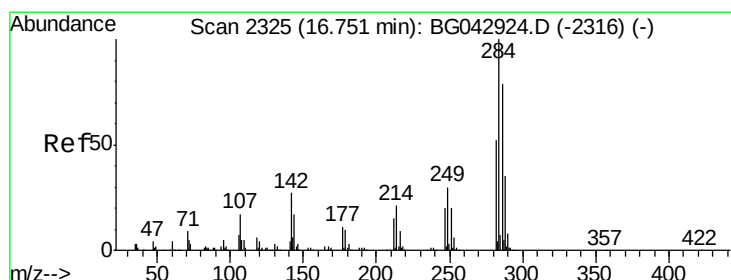
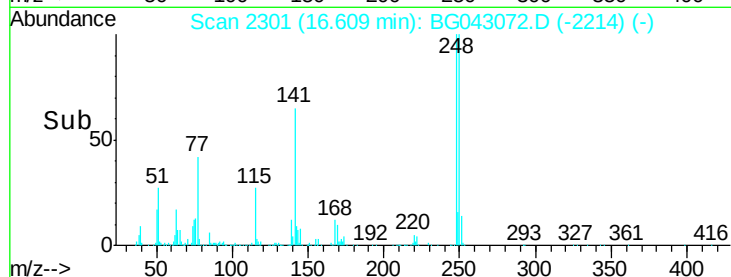
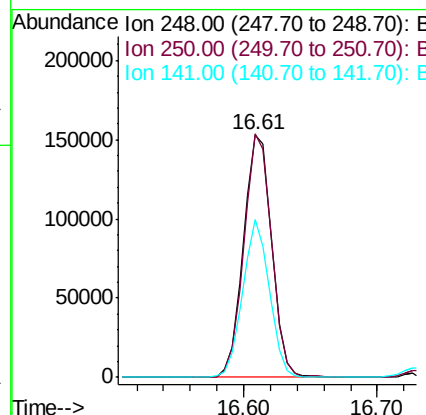
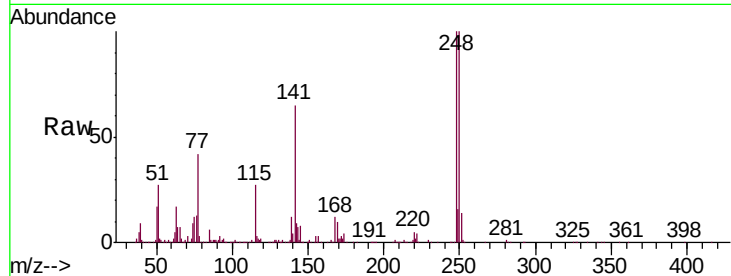
#67
 4-Bromophenyl-phenylether
 Concen: 55.145 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.4	75.8	113.8
141	64.8	51.1	76.7

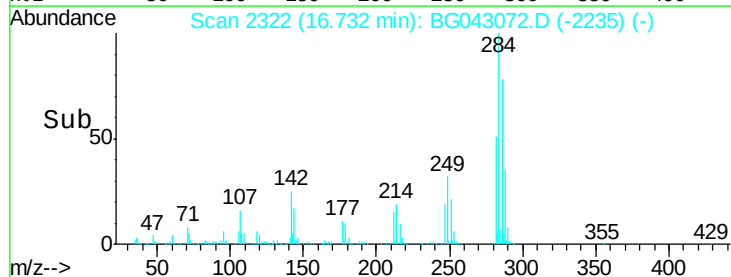
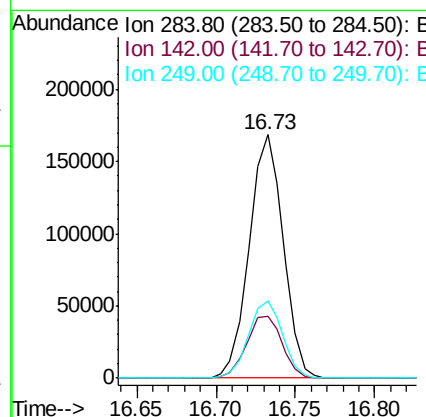
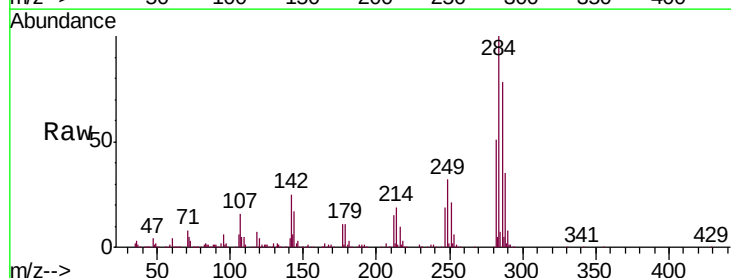
Manual Integrations
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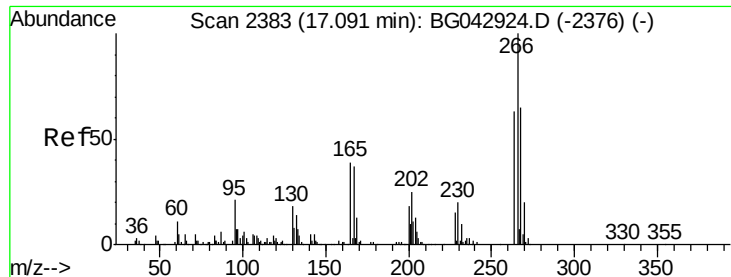
mohammad
 10/8/2019 12:22:49 PM



#68
 Hexachlorobenzene
 Concen: 55.755 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.02 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.4	21.6	32.4
249	31.8	24.1	36.1





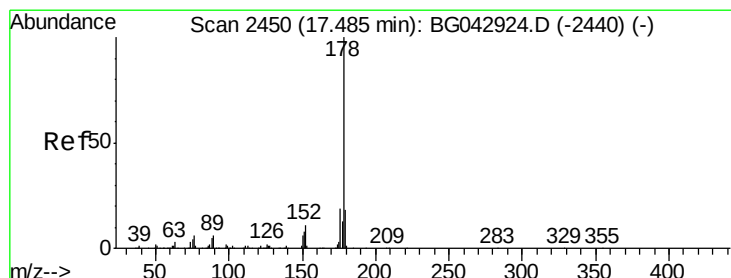
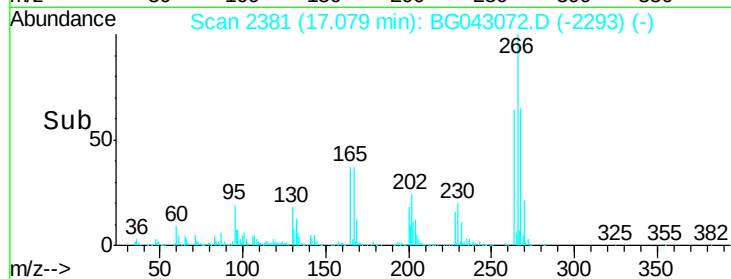
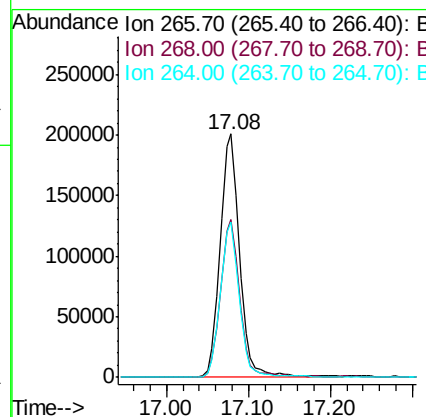
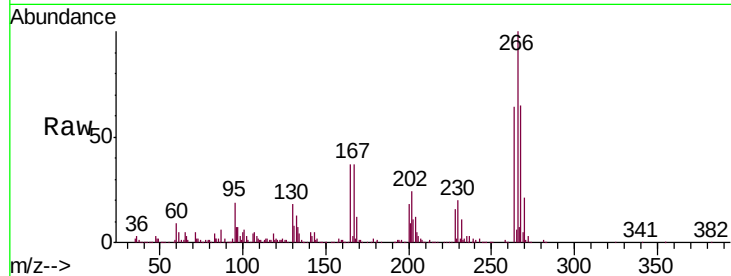
#70
 Pentachlorophenol
 Concen: 129.376 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	52.2	78.2
264	63.6	50.7	76.1

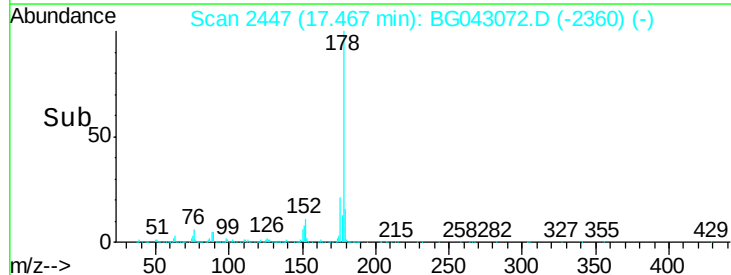
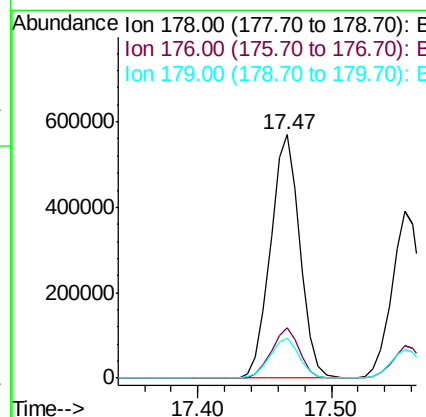
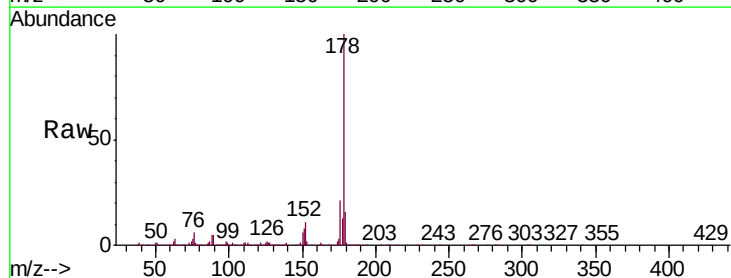
Manual Integrations
 APPROVED

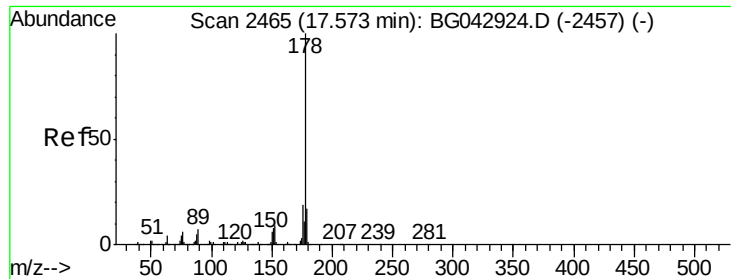
mohammad
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#71
 Phenanthrene
 Concen: 55.322 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.02 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.1	22.7
179	16.4	14.1	21.1





#72

Anthracene

Concen: 38.264 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

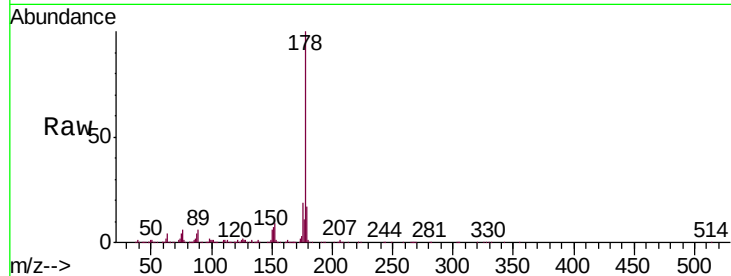
ClientSampleId :

HR-05-100219MSD

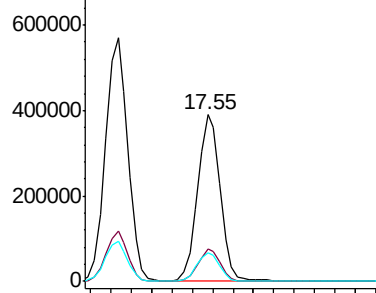
Tgt Ion:	178	Resp:	600196
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.5	23.3
179	17.5	13.5	20.3

Manual Integrations
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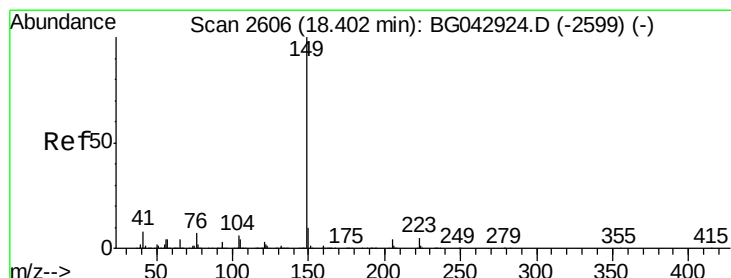
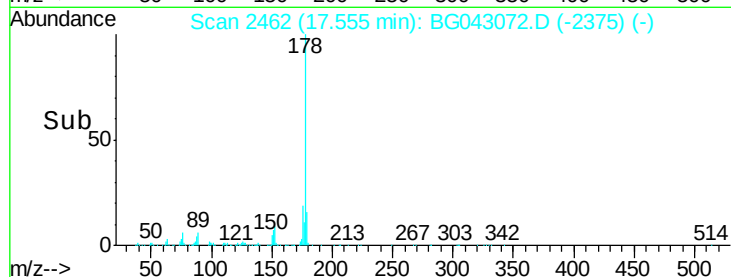
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 51.212 ng

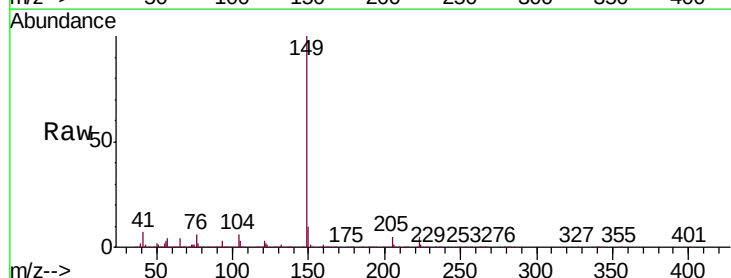
RT: 18.38 min Scan# 2603

Delta R.T. -0.02 min

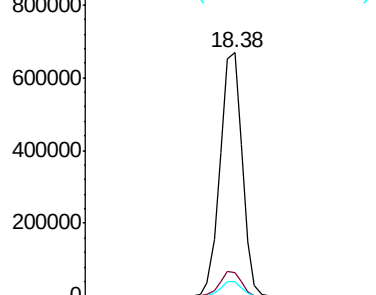
Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

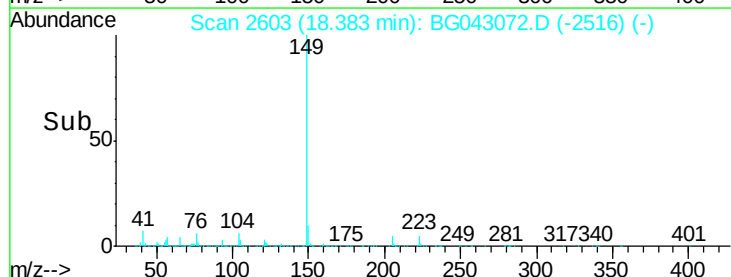
Tgt Ion:	149	Resp:	888753
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.7	11.5
104	5.9	5.0	7.6

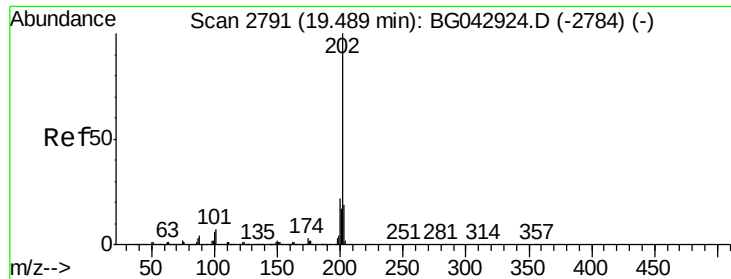


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 39.118 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

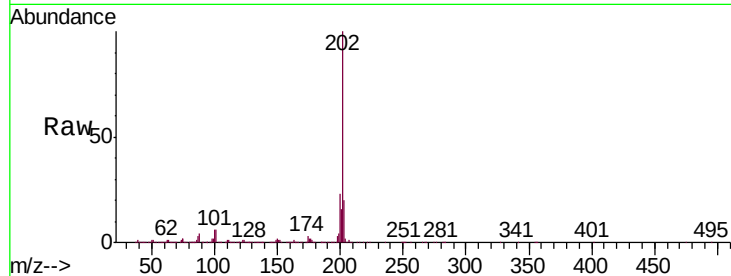
ClientSampleId :

HR-05-100219MSD

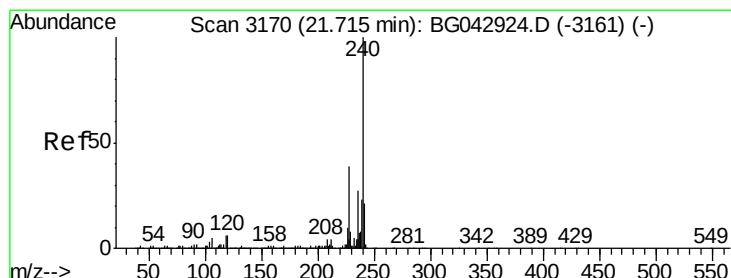
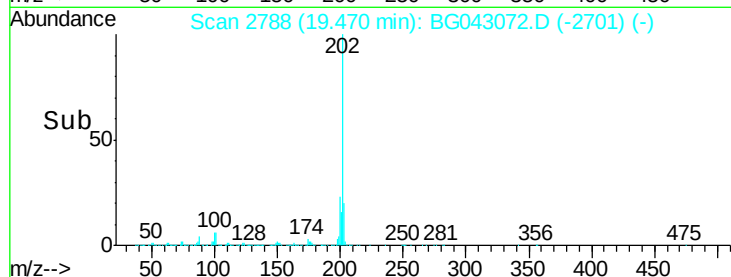
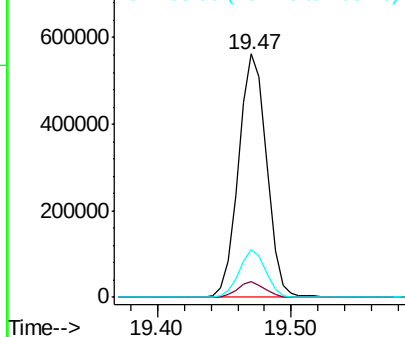
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		812949		
101	6.4	0.0	27.3		
203	19.7	0.0	39.5		

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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

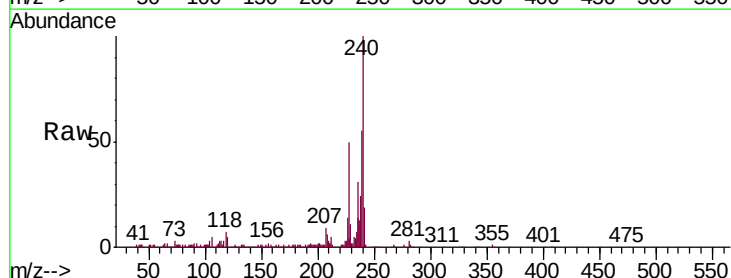
RT: 21.69 min Scan# 3166

Delta R.T. -0.02 min

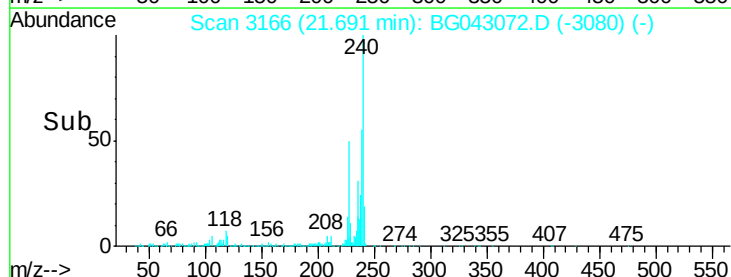
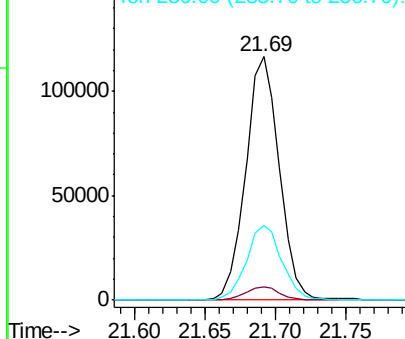
Lab File: BG043072.D

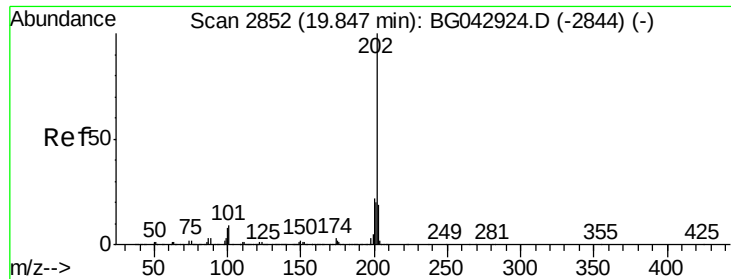
Acq: 7 Oct 2019 17:53

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		194370		
120	5.3	4.8	7.2		
236	30.6	21.4	32.0		



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





#78

Pyrene

Concen: 14.398 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

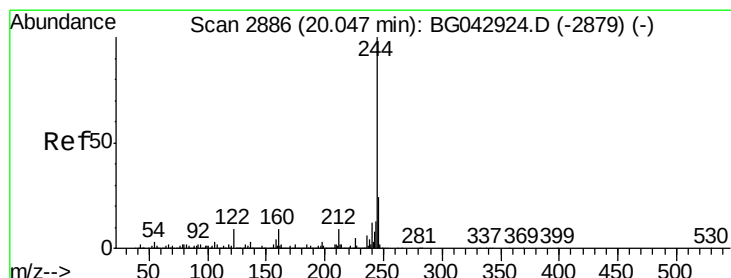
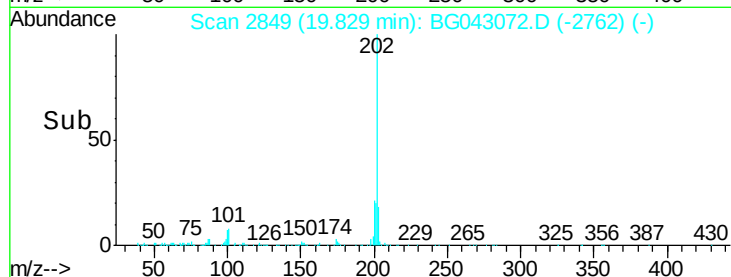
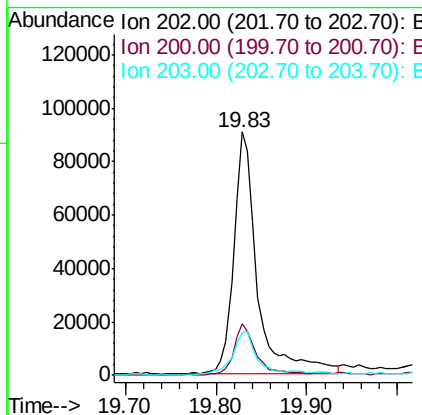
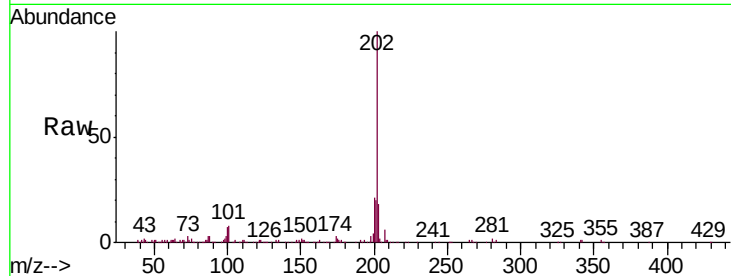
ClientSampleId :

HR-05-100219MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.8	15.2	22.8

Manual Integrations
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#79

Terphenyl-d14

Concen: 203.324 ng

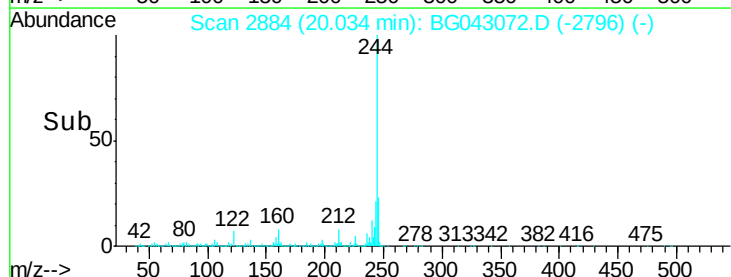
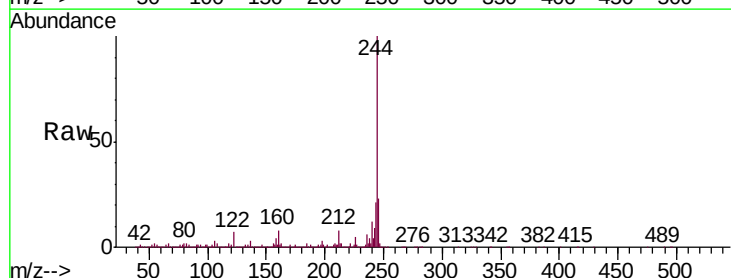
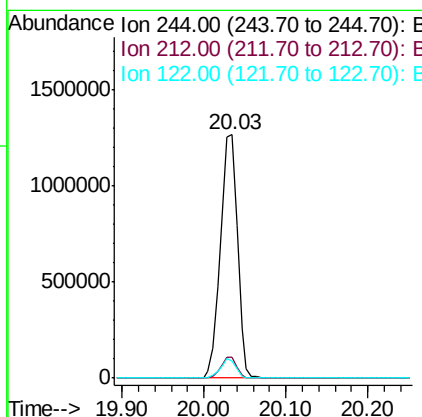
RT: 20.03 min Scan# 2884

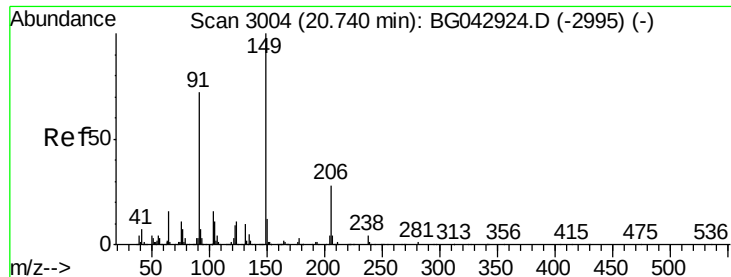
Delta R.T. -0.01 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.0
122	7.1	7.0	10.4





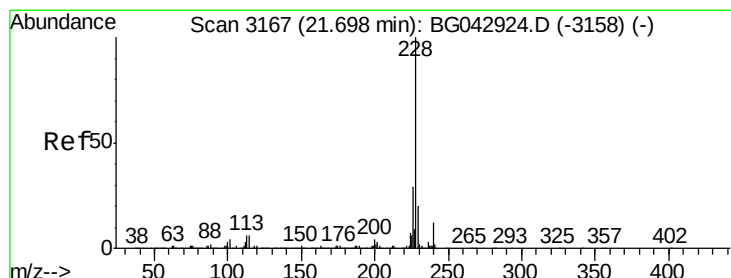
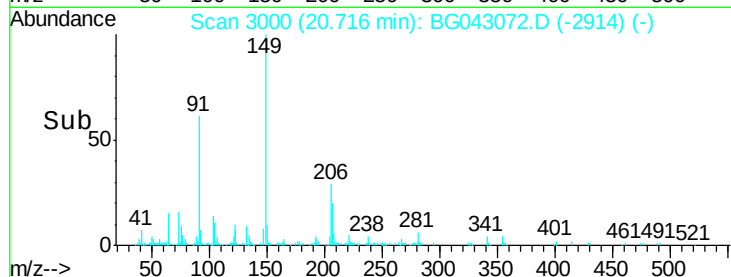
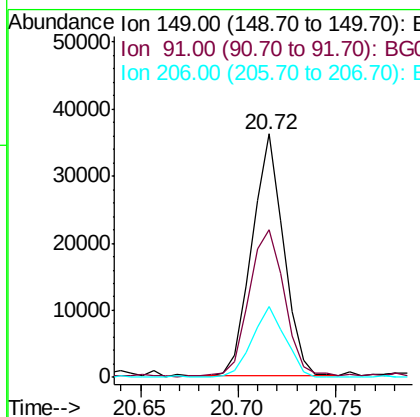
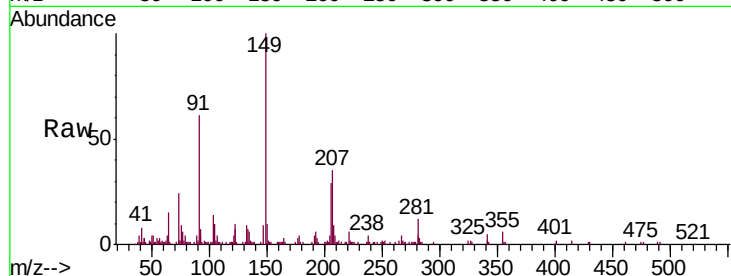
#80
Butylbenzylphthalate
Concen: 9.231 ng
RT: 20.72 min Scan# 3000
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	60.9	57.7	86.5
206	28.9	22.6	33.8

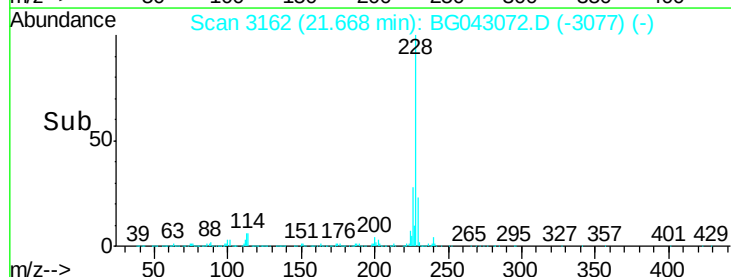
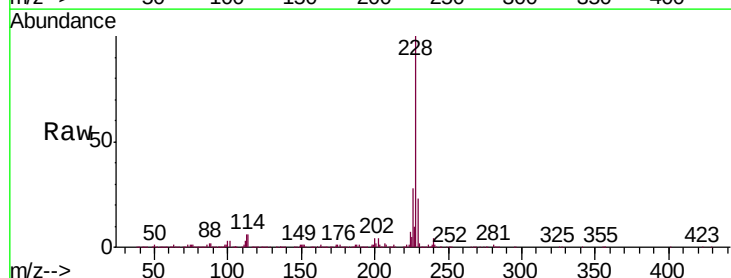
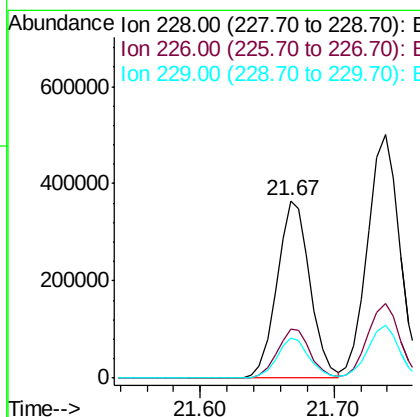
Manual Integrations
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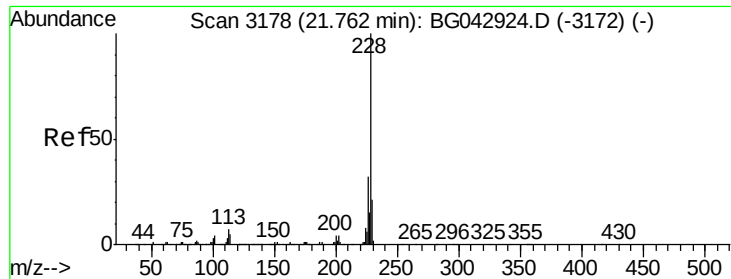
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#81
Benzo(a)anthracene
Concen: 51.828 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.03 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.0	34.4
229	22.6	16.3	24.5





#83

Chrysene

Concen: 70.632 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

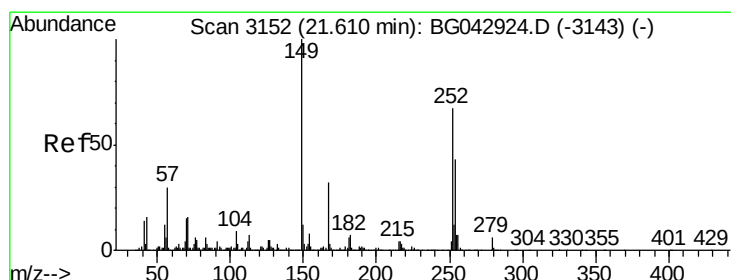
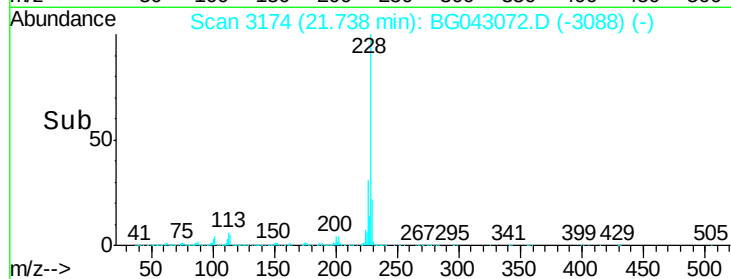
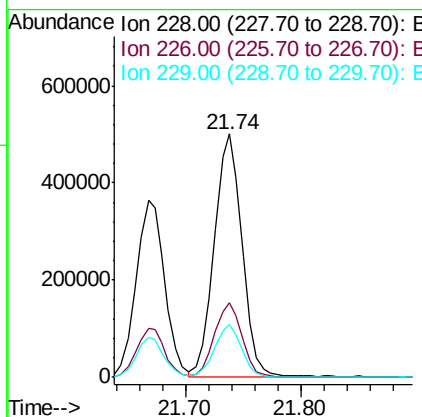
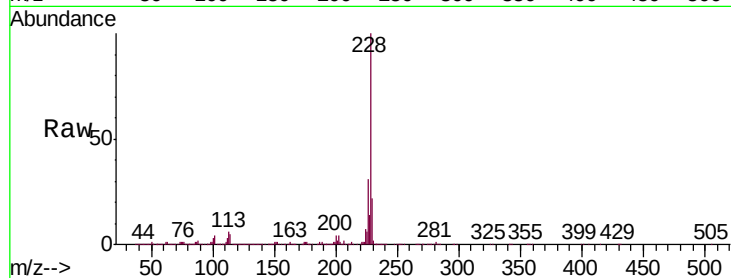
ClientSampleId :

HR-05-100219MSD

Tgt Ion:	228	Resp:	830129
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.6	38.4
229	21.6	16.9	25.3

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 95.257 ng

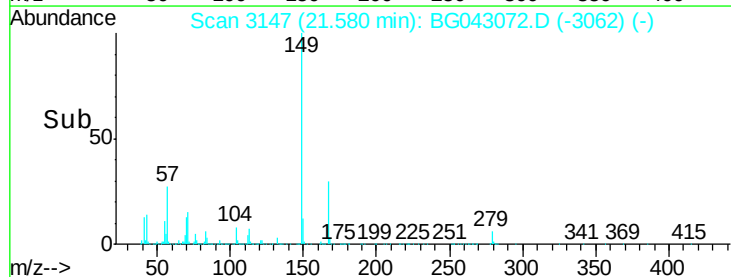
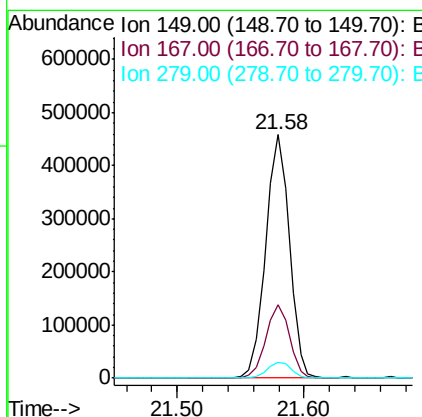
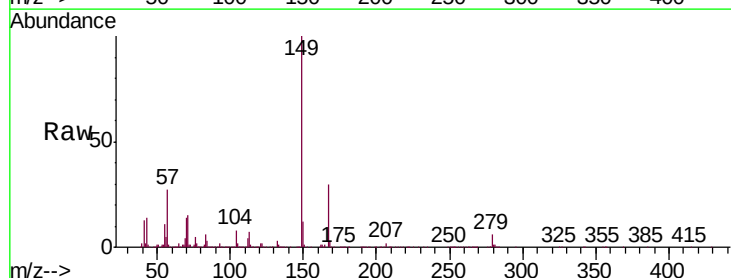
RT: 21.58 min Scan# 3147

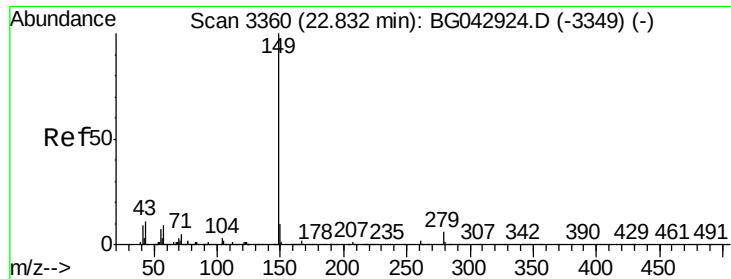
Delta R.T. -0.03 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Tgt Ion:	149	Resp:	596872
Ion Ratio	Lower	Upper	
149	100		
167	30.3	25.4	38.2
279	6.4	5.1	7.7





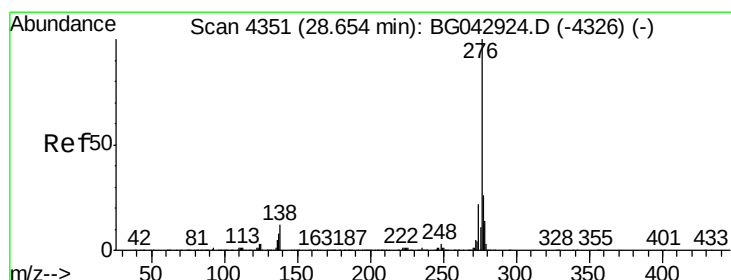
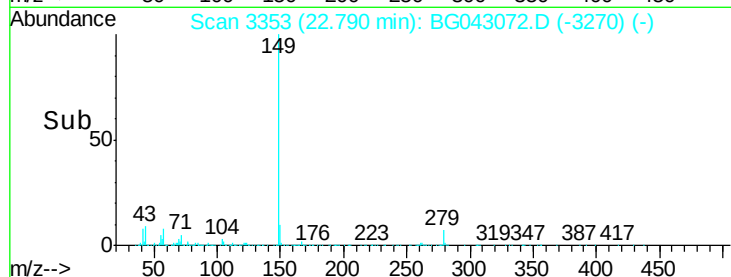
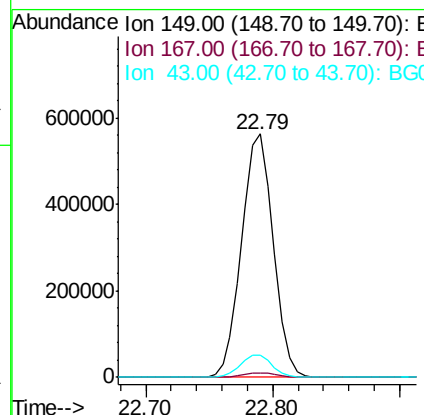
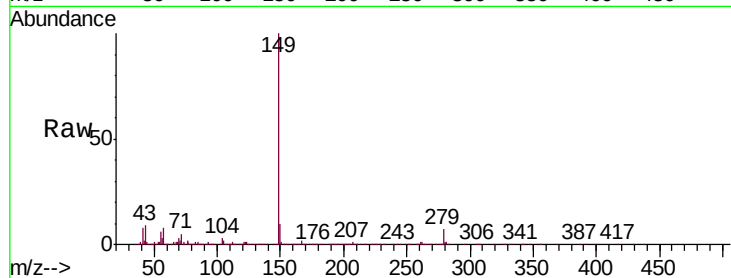
#85
Di-n-octyl phthalate
Concen: 94.962 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.04 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

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

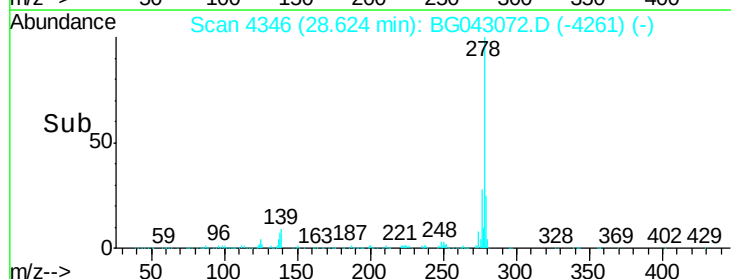
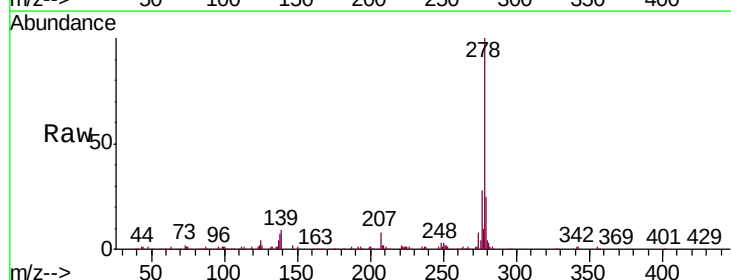
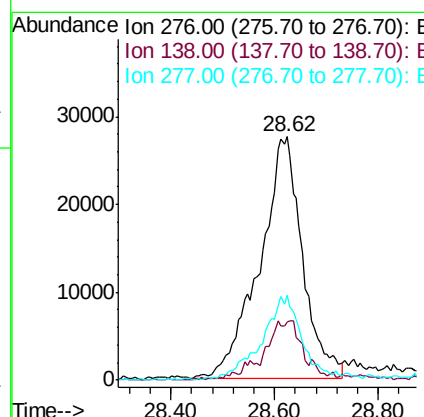
Manual Integrations
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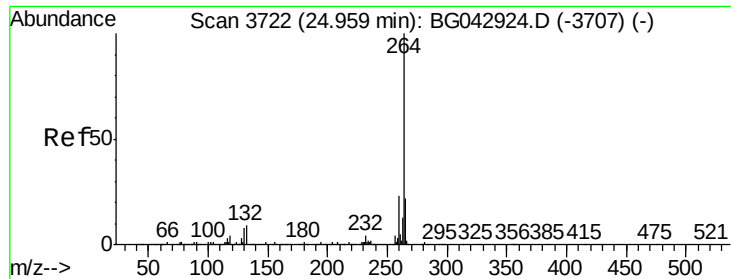
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 10.798 ng
RT: 28.62 min Scan# 4346
Delta R.T. -0.03 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	12.8	7.0	10.6#
277	31.0	20.9	31.3





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3721

Delta R.T. -0.01 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

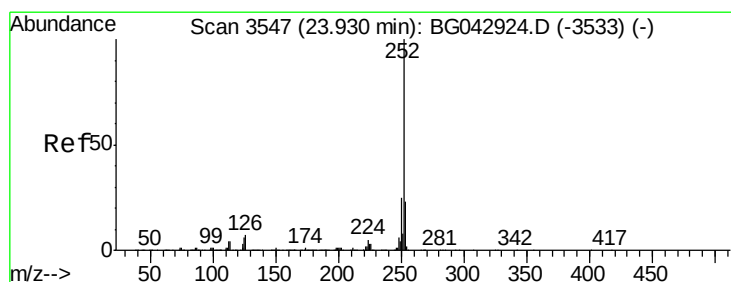
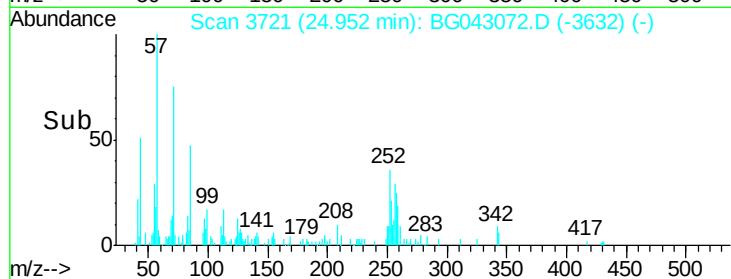
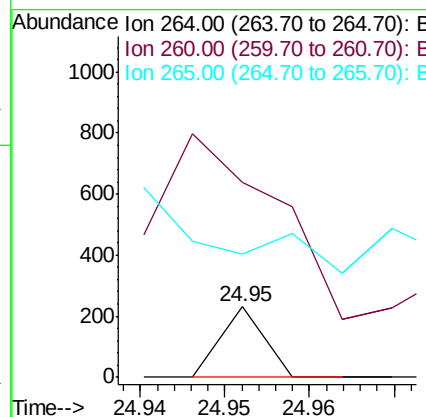
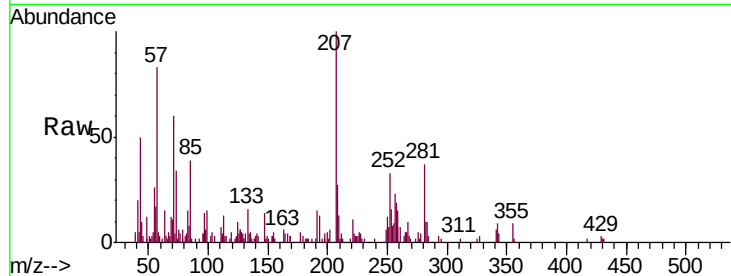
ClientSampleId :

HR-05-100219MSD

Tgt Ion:	264	Resp:	81
Ion Ratio	Lower	Upper	
264	100		
260	277.0	18.7	28.1#
265	175.2	17.7	26.5#

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#88

Benzo(b)fluoranthene

Concen: 124587.434 ng m

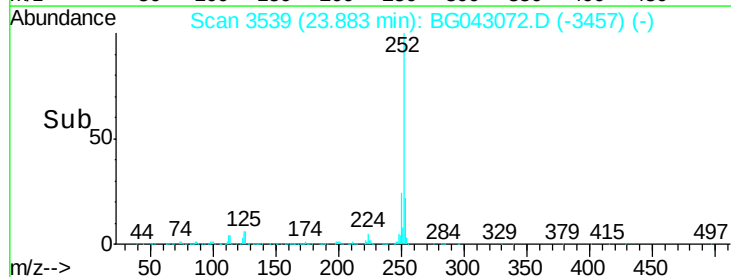
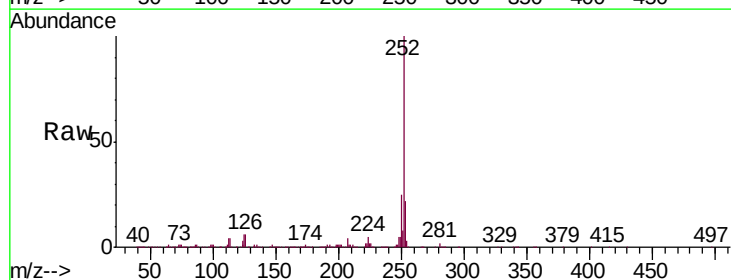
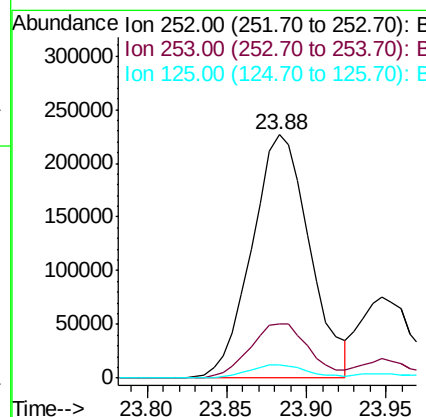
RT: 23.88 min Scan# 3539

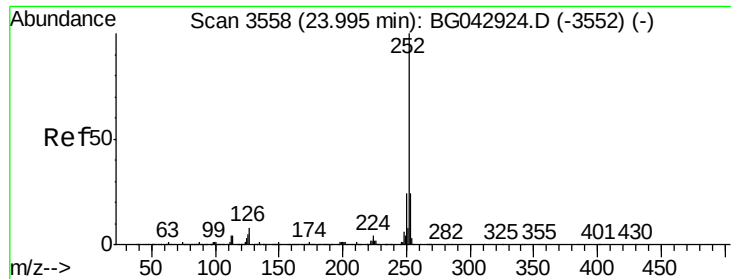
Delta R.T. -0.05 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Tgt Ion:	252	Resp:	571008
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.2	27.2
125	5.7	4.6	7.0





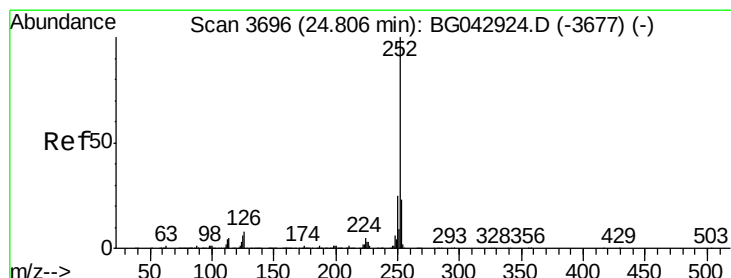
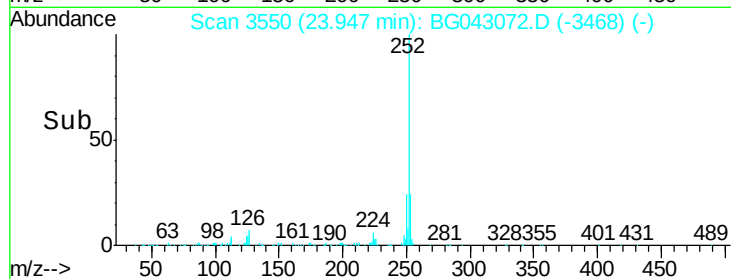
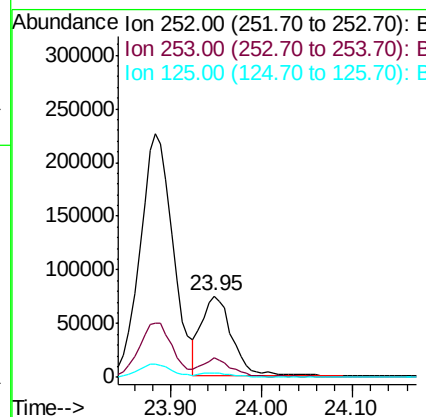
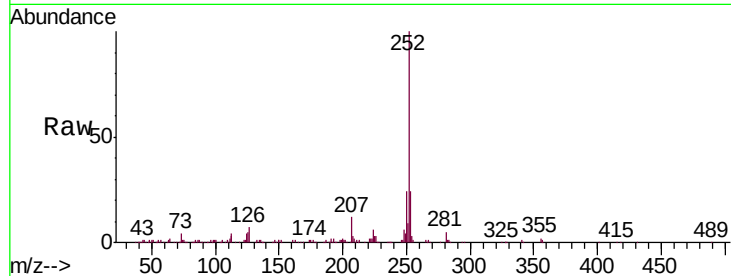
#89
Benzo(k)fluoranthene
Concen: 38670.775 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.05 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.9	28.3
125	4.9	4.5	6.7

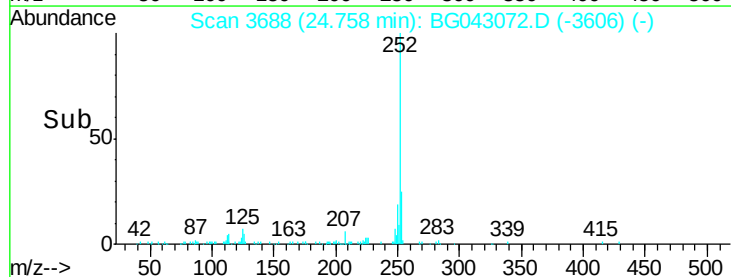
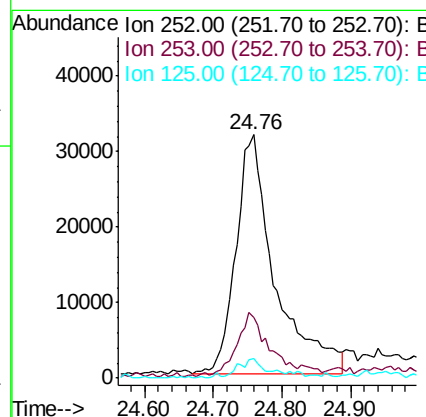
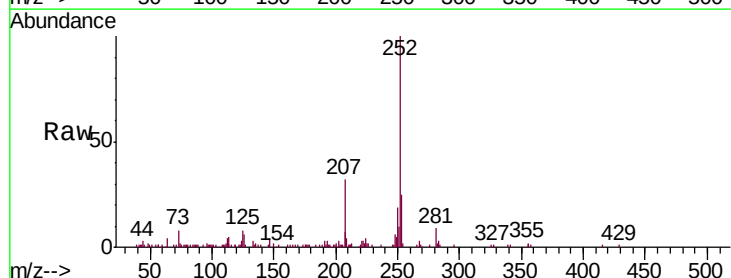
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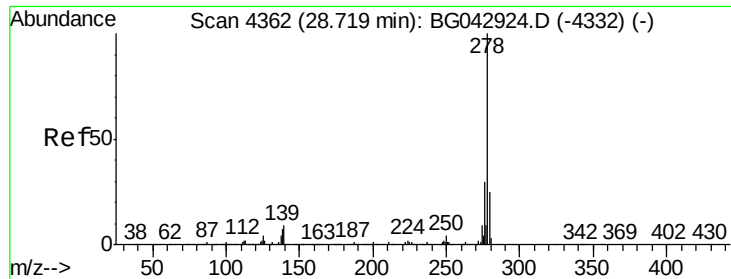
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#90
Benzo(a)pyrene
Concen: 28727.562 ng
RT: 24.76 min Scan# 3688
Delta R.T. -0.05 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.4
125	8.0	5.0	7.6





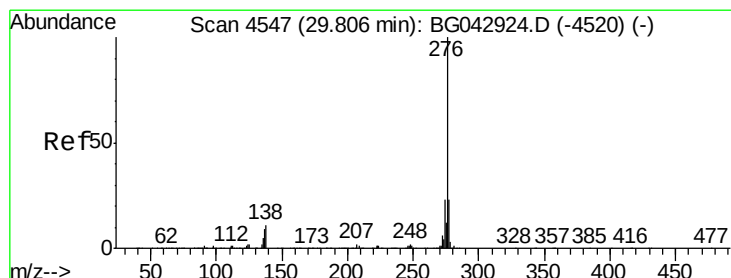
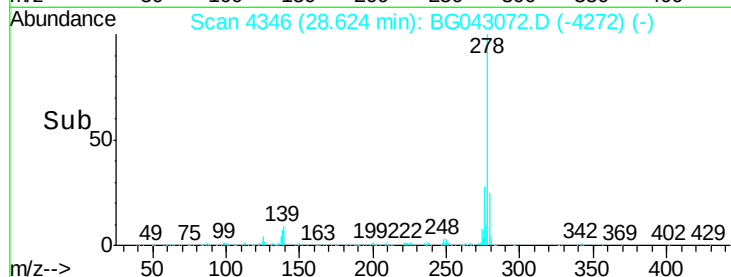
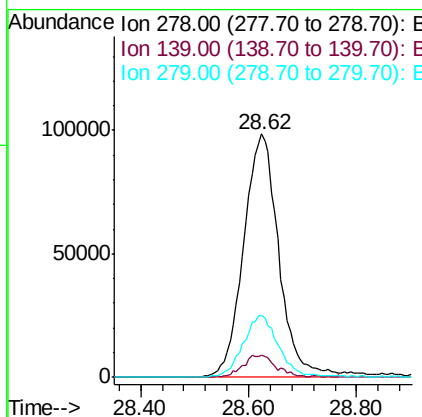
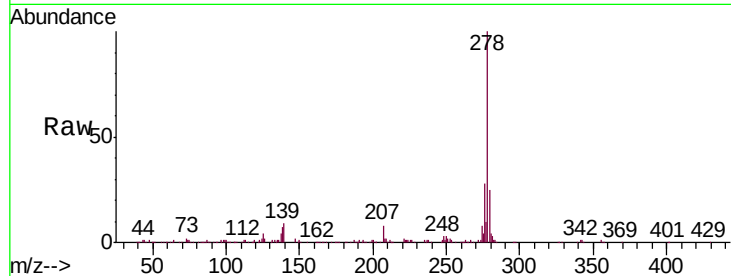
#91
Dibenzo(a,h)anthracene
Concen: 99864.581 ng
RT: 28.62 min Scan# 4346
Delta R.T. -0.09 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.2	6.8	10.2
279	25.4	20.1	30.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 23021.885 ng
RT: 29.71 min Scan# 4530
Delta R.T. -0.10 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.4	27.6
138	13.5	8.6	12.8#

