

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
 Data File : BG043088.D
 Acq On : 8 Oct 2019 16:44
 Operator : JU
 Sample : K5140-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:29:52 AM

Quant Time: Oct 09 02:13:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58668	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	215114	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	154225	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	378626	20.00	ng	0.00
76) Chrysene-d12	21.69	240	411060	20.00	ng	0.00
87) Perylene-d12	24.91	264	473571	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	388804	118.27	ng	0.00
7) Phenol-d6	7.24	99	561538	118.62	ng	0.00
23) Nitrobenzene-d5	9.22	82	321946	72.74	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	345455	130.26	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	822509	77.31	ng	0.00
79) Terphenyl-d14	20.03	244	1740621	90.23	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.55	88	44268	32.298	ng	# 48
3) Pyridine	3.97	79	28711	7.448	ng	# 83
4) n-Nitrosodimethylamine	3.86	42	69529	37.506	ng	# 79
6) Aniline	7.40	93	55835	9.771	ng	98
8) 2-Chlorophenol	7.63	128	144265	42.080	ng	95
9) Benzaldehyde	7.19	77	91264	31.548	ng	85
10) Phenol	7.26	94	205924	47.411	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	123701	36.809	ng	93
12) 1,3-Dichlorobenzene	7.95	146	153828	35.173	ng	97
13) 1,4-Dichlorobenzene	8.09	146	159464	36.576	ng	97
14) 1,2-Dichlorobenzene	8.42	146	149889	36.111	ng	94
15) Benzyl Alcohol	8.30	79	134880	37.896	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	182056	28.209	ng	95
17) 2-Methylphenol	8.51	107	126422	41.598	ng	95
18) Hexachloroethane	9.14	117	55855	34.017	ng	92
19) n-Nitroso-di-n-propylamine	8.86	70	109136	35.109	ng	92
20) 3+4-Methylphenols	8.83	107	169617	40.726	ng	94
22) Acetophenone	8.88	105	210629	37.986	ng	# 93
24) Nitrobenzene	9.26	77	164683	39.011	ng	99
25) Isophorone	9.78	82	316127	40.665	ng	99
26) 2-Nitrophenol	9.97	139	82656	45.995	ng	95
27) 2,4-Dimethylphenol	10.04	122	135740	49.184	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	173818	39.408	ng	98
29) 2,4-Dichlorophenol	10.51	162	155253	45.232	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	167880	37.875	ng	95
31) Naphthalene	10.91	128	429982	40.605	ng	100
32) Benzoic acid	10.18	122	86794	41.613	ng	97
33) 4-Chloroaniline	11.03	127	31203	6.791	ng	# 86
34) Hexachlorobutadiene	11.20	225	119741	36.079	ng	94
35) Caprolactam	11.79	113	53808m	44.454	ng	
36) 4-Chloro-3-methylphenol	12.15	107	170347	45.645	ng	97
37) 2-Methylnaphthalene	12.51	142	323085	39.994	ng	97
38) 1-Methylnaphthalene	12.73	142	305116	39.916	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	209810	36.182	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	263666	71.363	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	146906	43.284	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	158874	45.440	ng	98
46) 1,1'-Biphenyl	13.52	154	446509	38.178	ng	99
47) 2-Chloronaphthalene	13.56	162	349548	39.863	ng	98
48) 2-Nitroaniline	13.76	65	119166	40.866	ng	90
49) Acenaphthylene	14.40	152	557052	41.517	ng	99
50) Dimethylphthalate	14.13	163	581766	50.345	ng	98
51) 2,6-Dinitrotoluene	14.25	165	111980	45.505	ng	87
52) Acenaphthene	14.74	154	344159	38.321	ng	97
53) 3-Nitroaniline	14.58	138	62910	24.737	ng	95
54) 2,4-Dinitrophenol	14.79	184	151200	98.849	ng	93
55) Dibenzofuran	15.07	168	552339	41.575	ng	98
56) 4-Nitrophenol	14.90	139	187629	96.830	ng	91
57) 2,4-Dinitrotoluene	15.03	165	160255	44.470	ng	99
58) Fluorene	15.73	166	472786	41.683	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	161934	43.499	ng	98
60) Diethylphthalate	15.49	149	494360	42.037	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	271189	39.866	ng	97
62) 4-Nitroaniline	15.75	138	118923	42.877	ng	98
63) Azobenzene	16.01	77	416774	38.926	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	105006	49.011	ng	96
66) n-Nitrosodiphenylamine	15.93	169	436784	43.699	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	196803	41.414	ng	95
68) Hexachlorobenzene	16.73	284	213708	40.390	ng	96
69) Atrazine	16.88	200	169194	40.199	ng	96
70) Pentachlorophenol	17.08	266	290111	95.021	ng	97
71) Phenanthrene	17.47	178	782327	42.323	ng	97
72) Anthracene	17.55	178	797631	43.224	ng	99
73) Carbazole	17.82	167	755711	44.162	ng	99
74) Di-n-butylphthalate	18.38	149	865518	42.392	ng	99
75) Fluoranthene	19.47	202	1049595	42.930	ng	99
77) Benzidine	19.66	184	23784	2.311	ng	98
78) Pyrene	19.83	202	1063178	43.334	ng	99
80) Butylbenzylphthalate	20.71	149	403656	43.344	ng	97
81) Benzo(a)anthracene	21.67	228	1093188	42.681	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	313480	31.206	ng	98
83) Chrysene	21.74	228	1058756	42.597	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	585665	44.196	ng	99
85) Di-n-octyl phthalate	22.79	149	981451	45.293	ng	96
86) Indeno(1,2,3-cd)pyrene	28.58	276	1371305	44.317	ng	100
88) Benzo(b)fluoranthene	23.89	252	1145960	42.766	ng	98
89) Benzo(k)fluoranthene	23.96	252	1157414	43.662	ng	98
90) Benzo(a)pyrene	24.76	252	1131970	44.776	ng	97
91) Dibenzo(a,h)anthracene	28.63	278	1161286	44.797	ng	99
92) Benzo(g,h,i)perylene	29.72	276	1143001	45.506	ng	97

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

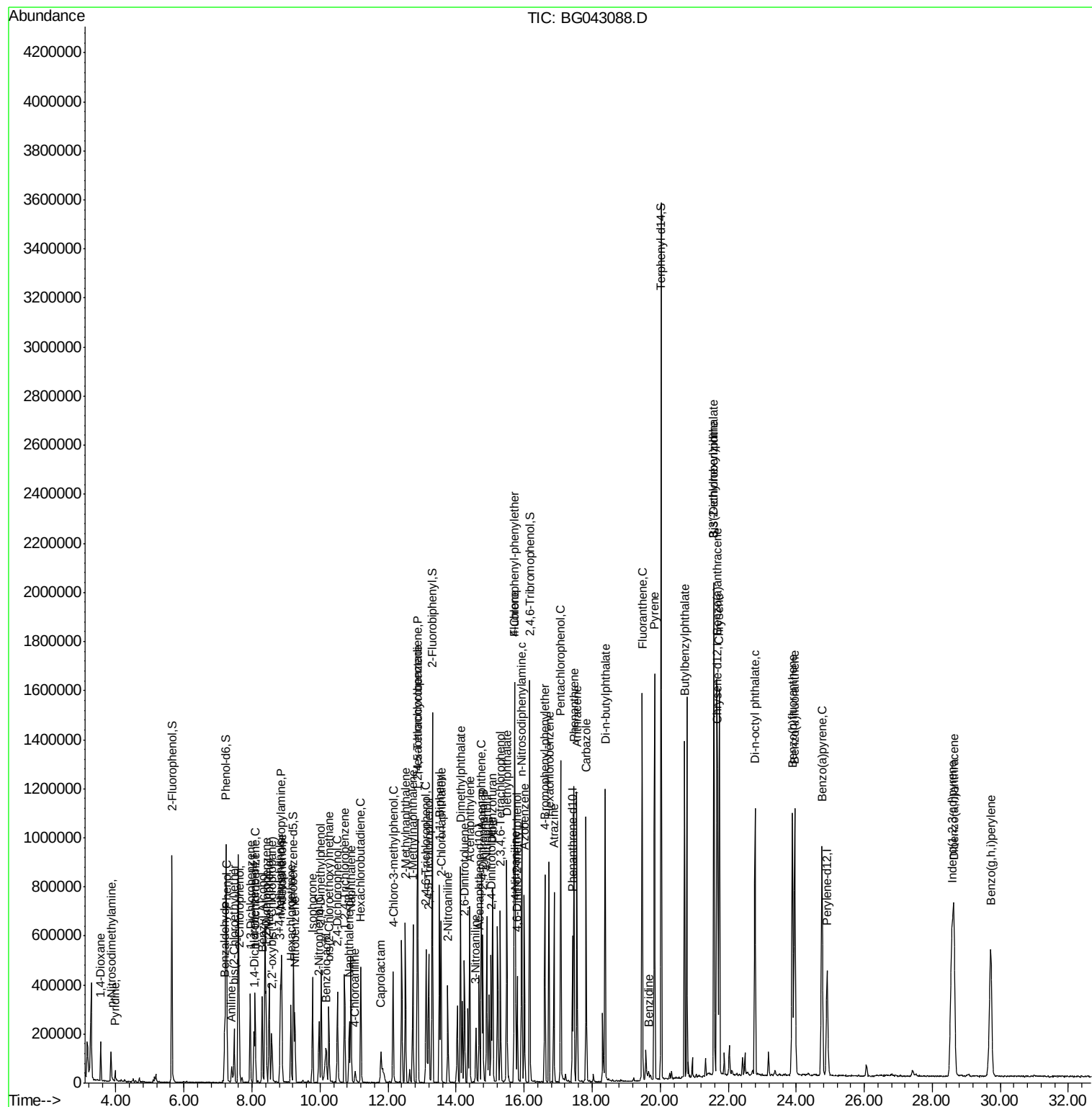
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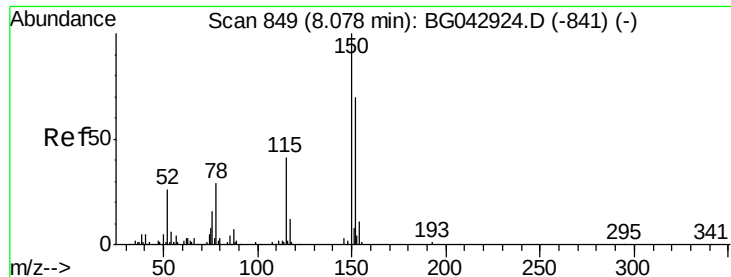
Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

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#1

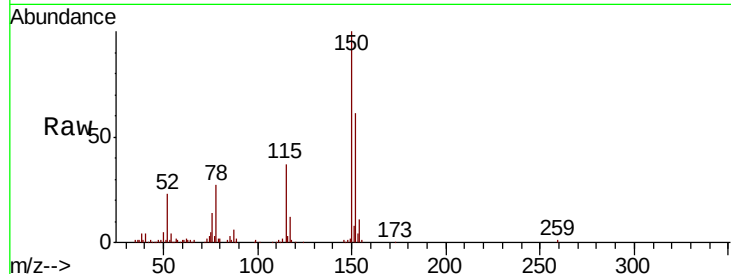
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	115.0	172.4
115	60.1	47.0	70.6

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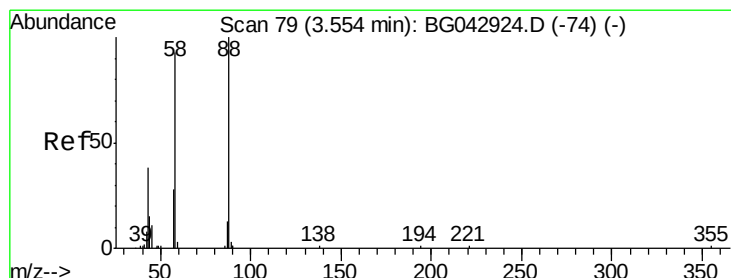
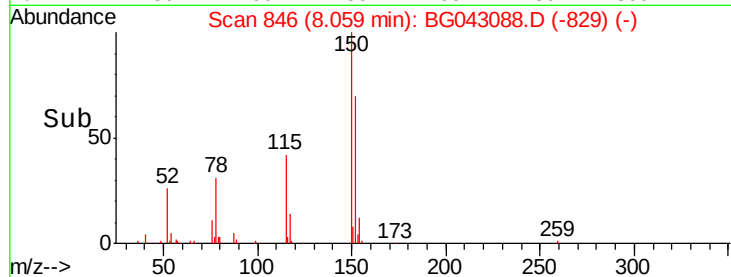
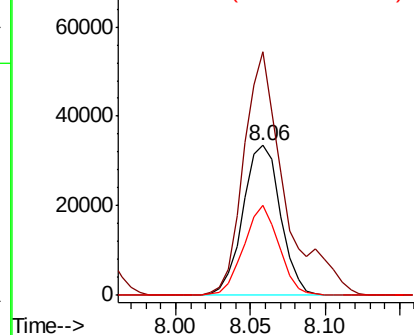


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

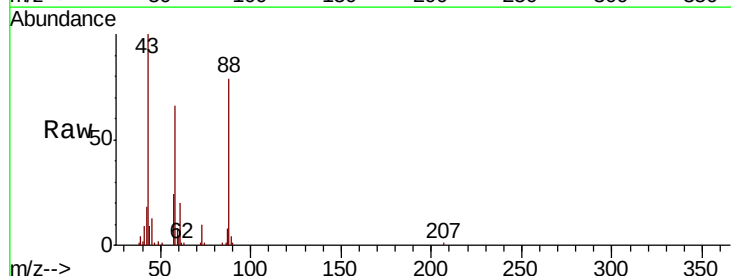
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.298 ng
RT: 3.55 min Scan# 79
Delta R.T. 0.02 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	74.3	111.5
43	130.3	29.8	44.8#

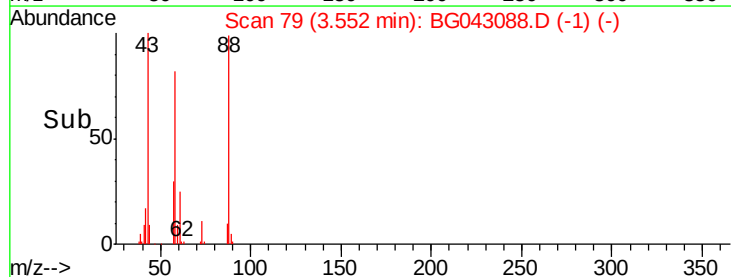
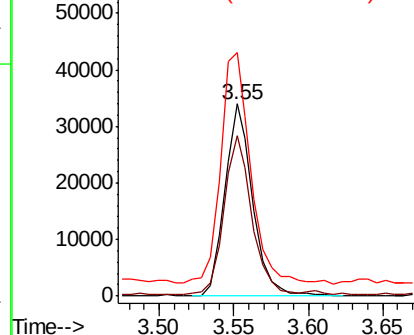


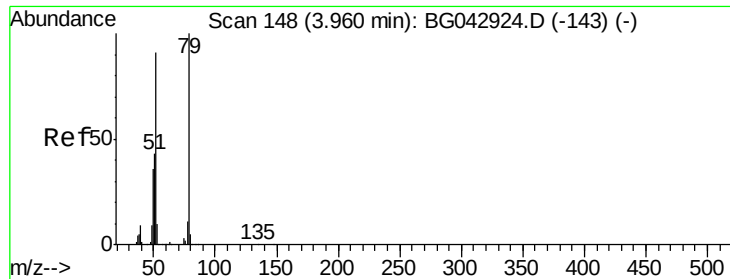
Abundance

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

Pvridine

Concen: 7.448 ng

RT: 3.97 min Scan# 150

Delta R.T. 0.03 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Instrument :

BNA_G

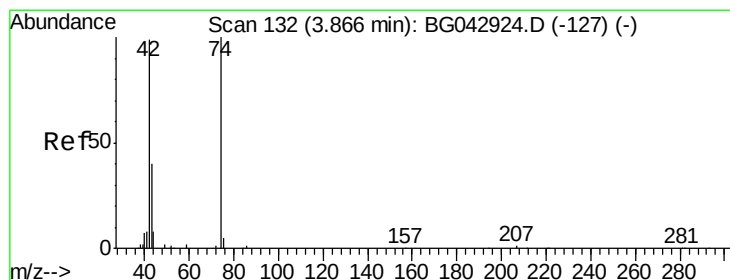
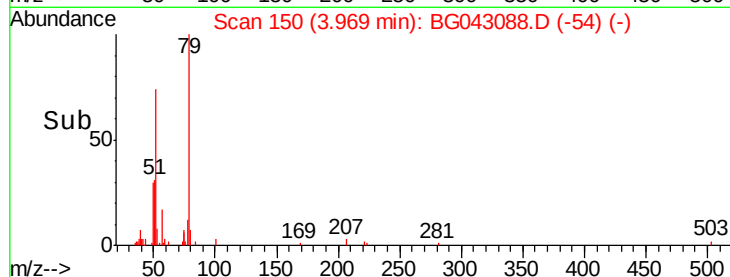
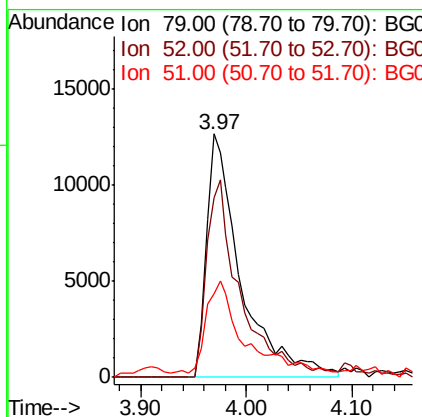
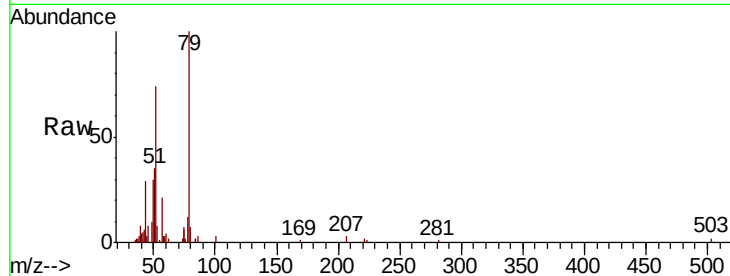
ClientSampleId :

HR-05-100219MSD

Tot Ion:	79	Resp:	28711
Ion	Ratio	Lower	Upper
79	100		
52	74.0	73.0	109.4
51	34.5	35.1	52.7#

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#4

n-Nitrosodimethylamine

Concen: 37.506 ng

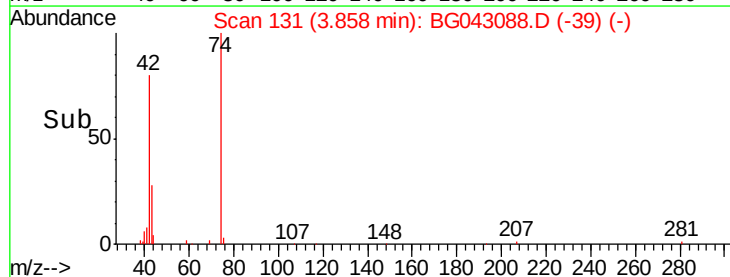
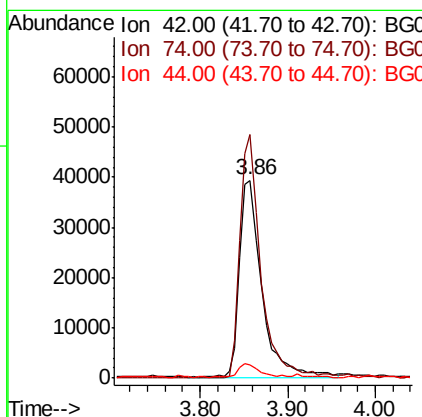
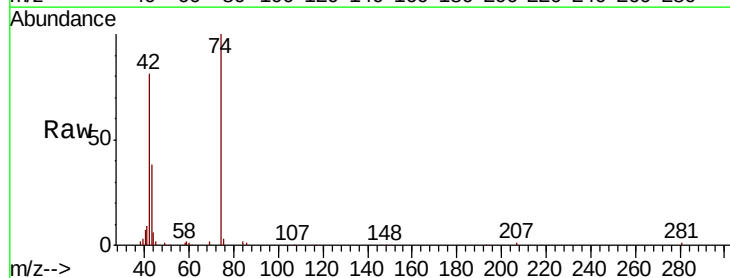
RT: 3.86 min Scan# 131

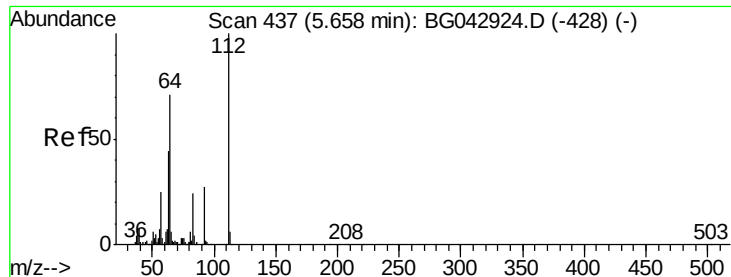
Delta R.T. 0.01 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Tgt Ion:	42	Resp:	69529
Ion	Ratio	Lower	Upper
42	100		
74	123.1	80.5	120.7#
44	6.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 118.270 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Instrument :

BNA_G

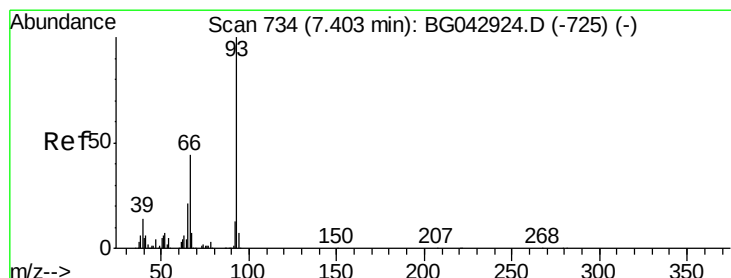
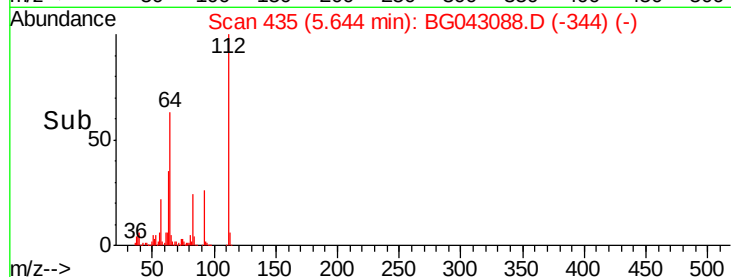
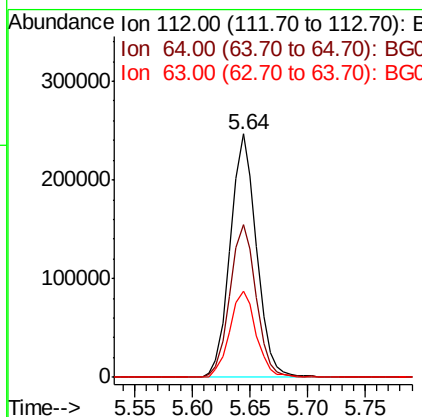
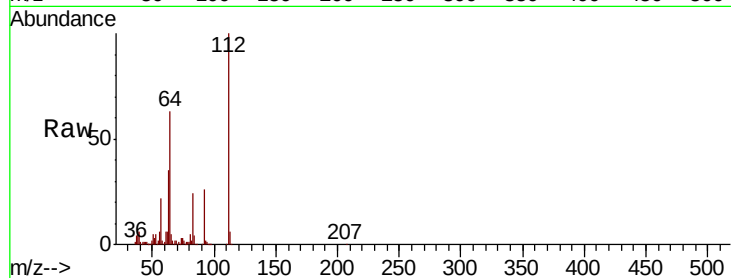
ClientSampleId :

HR-05-100219MSD

Tot Ion:	112	Resp:	388804
Ion Ratio	Lower	Upper	
112	100		
64	62.7	56.6	84.8
63	35.3	35.1	52.7

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#6

Aniline

Concen: 9.771 ng

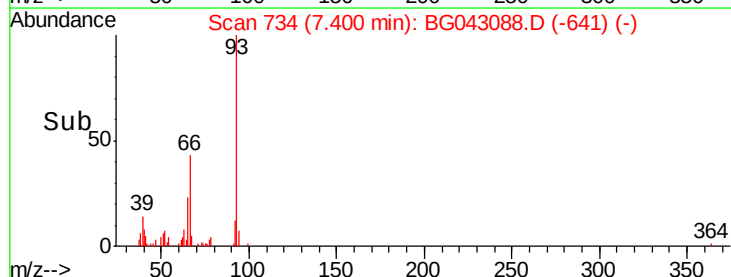
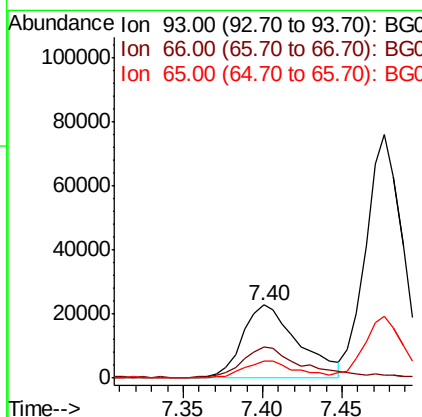
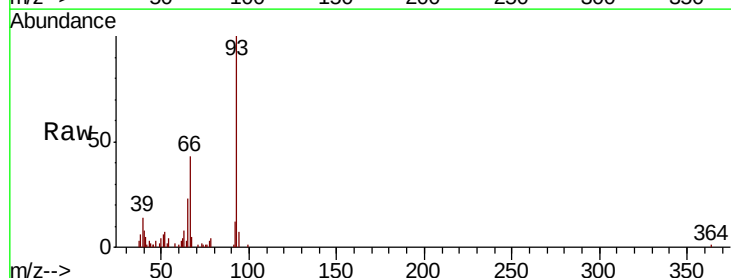
RT: 7.40 min Scan# 734

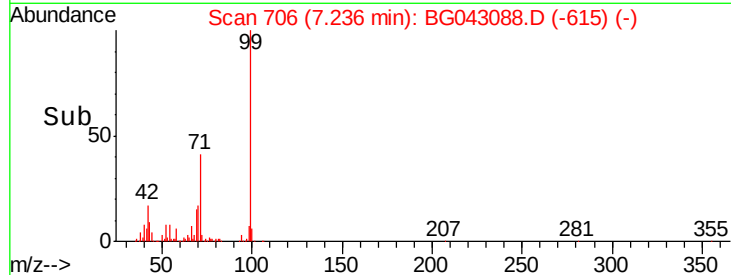
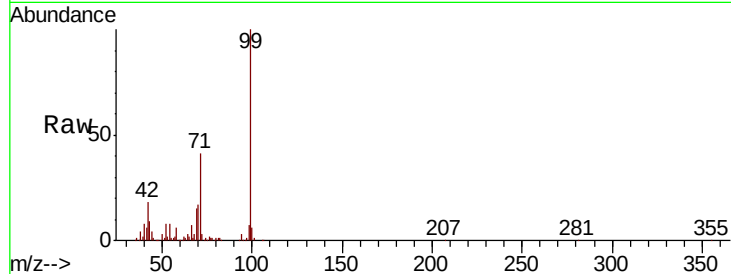
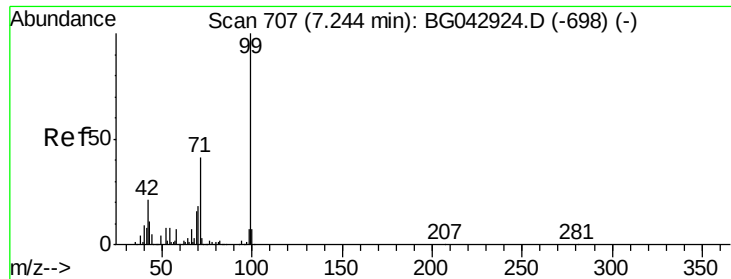
Delta R.T. 0.02 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Tgt Ion:	93	Resp:	55835
Ion Ratio	Lower	Upper	
93	100		
66	42.6	35.0	52.6
65	22.9	17.4	26.0





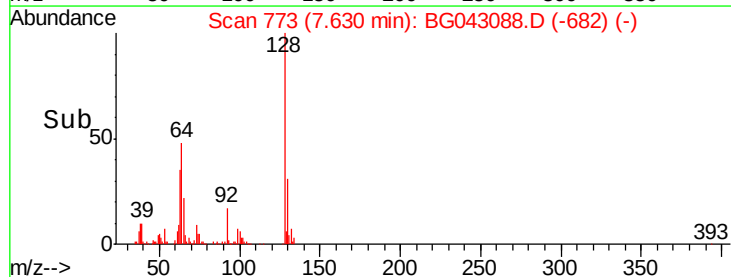
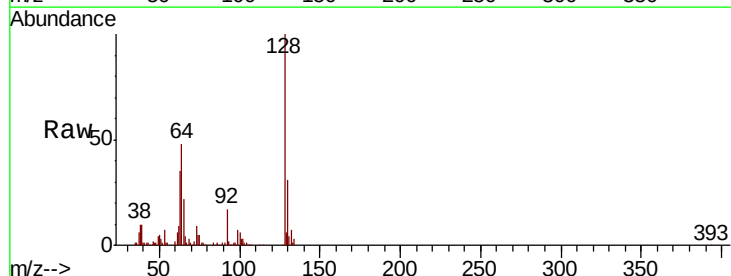
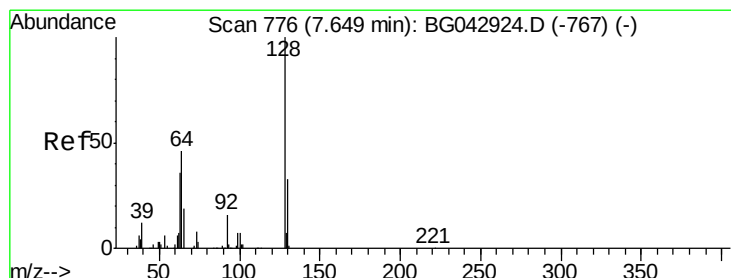
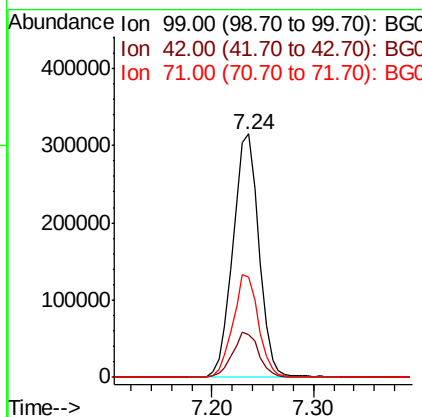
#7
Phenol-d6
Concen: 118.616 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.01 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		561538		
42	17.5	17.2	25.8		
71	41.0	33.1	49.7		

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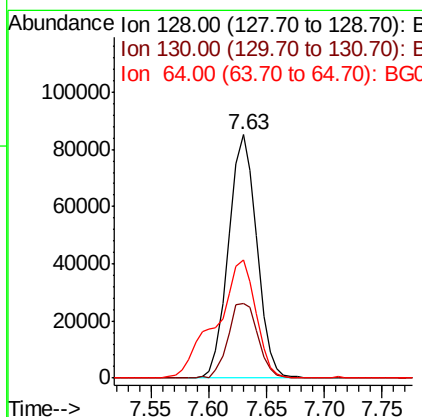
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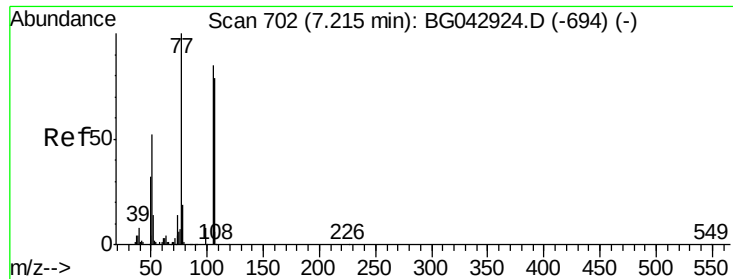
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#8
2-Chlorophenol
Concen: 42.080 ng
RT: 7.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		144265		
130	30.8	12.5	52.5		
64	48.4	32.8	72.8		





#9

Benzaldehyde

Concen: 31.548 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Instrument :

BNA_G

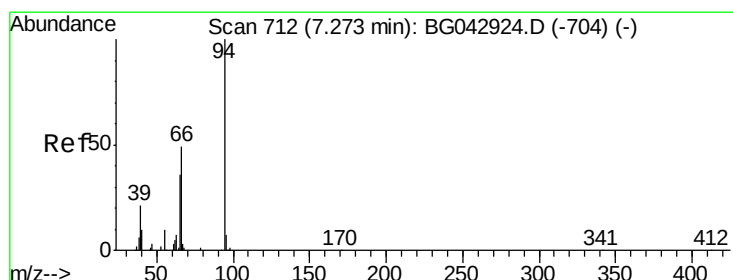
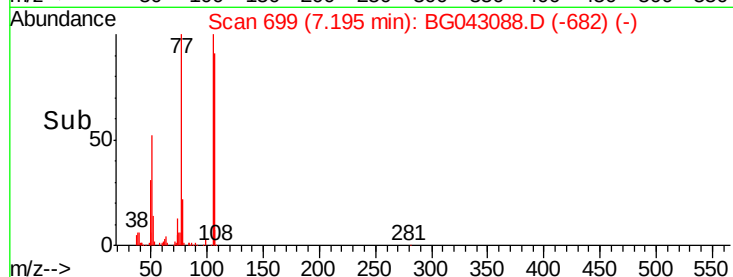
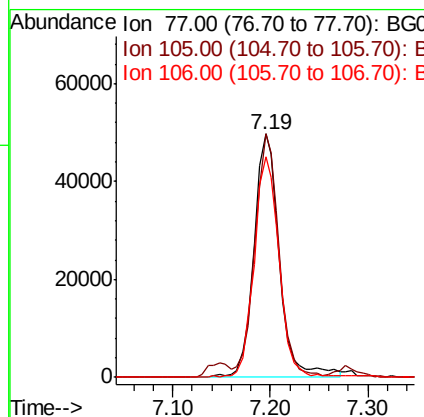
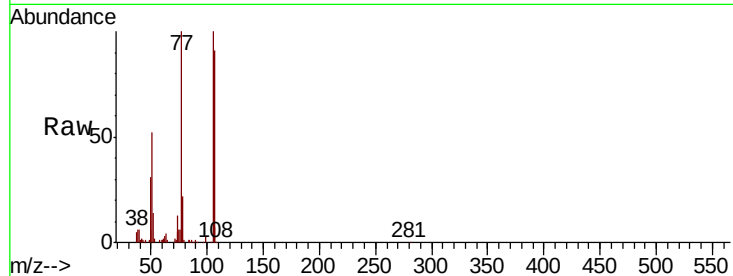
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	100.0	64.6	104.6
106	90.6	59.4	99.4

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#10

Phenol

Concen: 47.411 ng

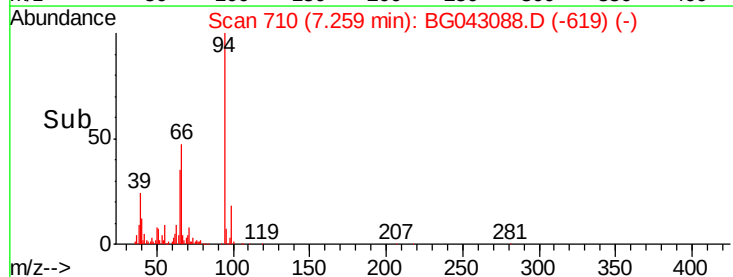
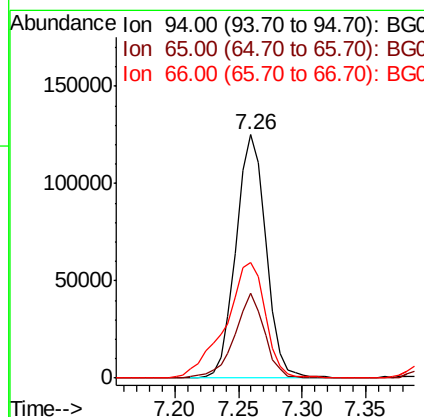
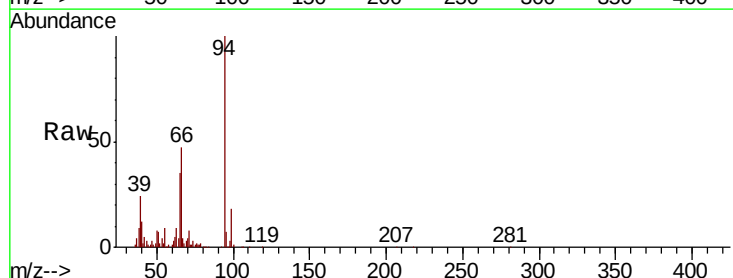
RT: 7.26 min Scan# 710

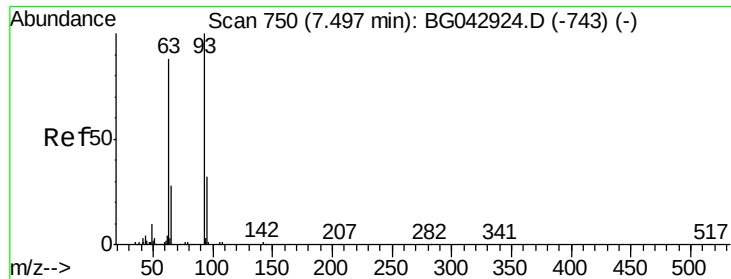
Delta R.T. 0.01 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.7	16.6	56.6
66	47.5	32.4	72.4





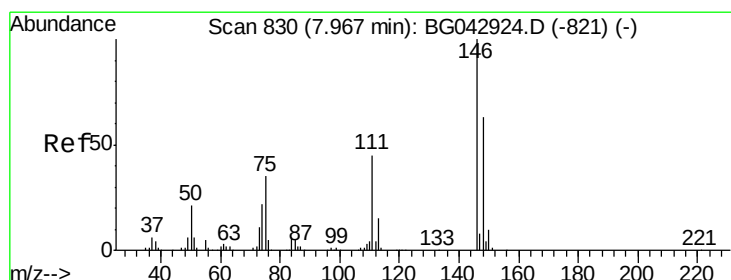
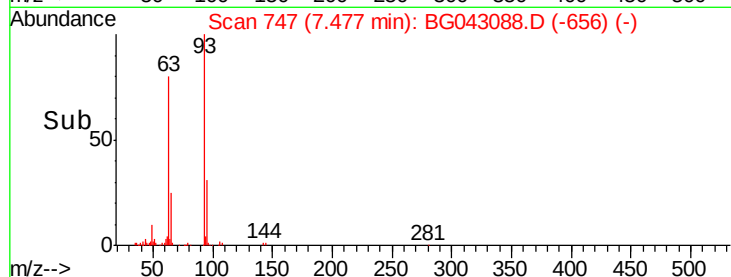
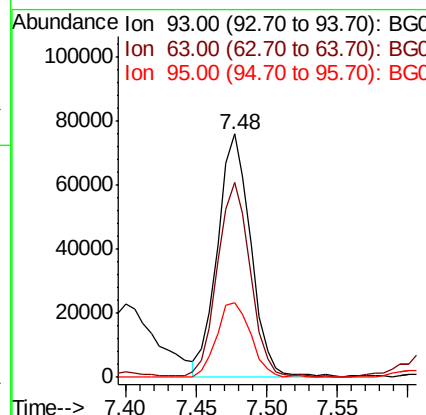
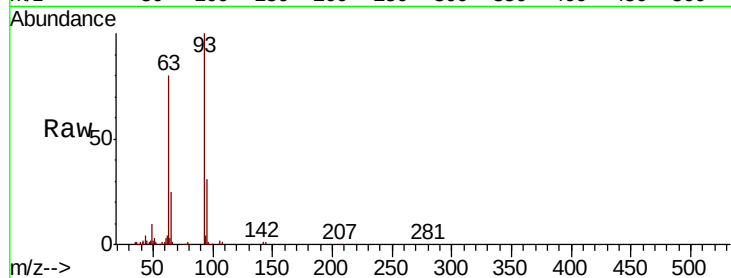
#11
bis(2-Chloroethyl)ether
Concen: 36.809 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion:	93	Resp:	123701
Ion	Ratio	Lower	Upper
93	100		
63	79.8	67.4	107.4
95	30.6	11.9	51.9

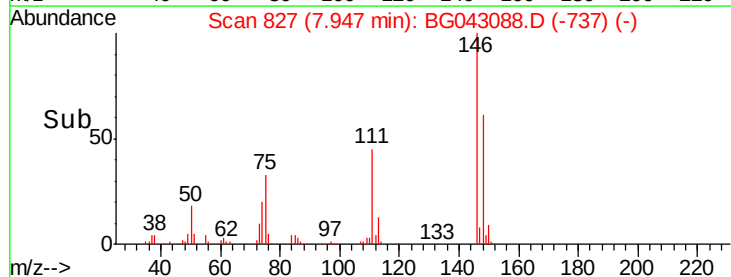
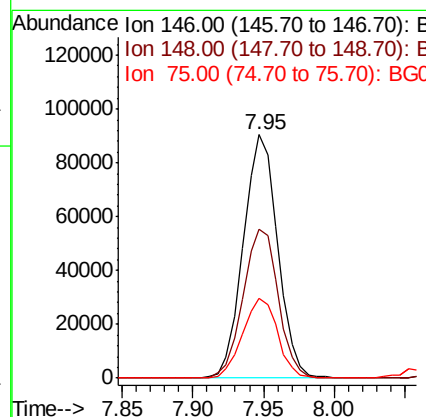
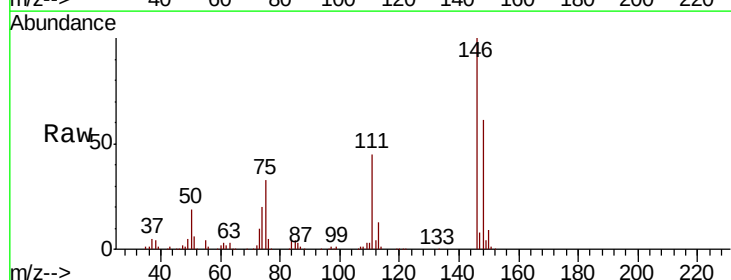
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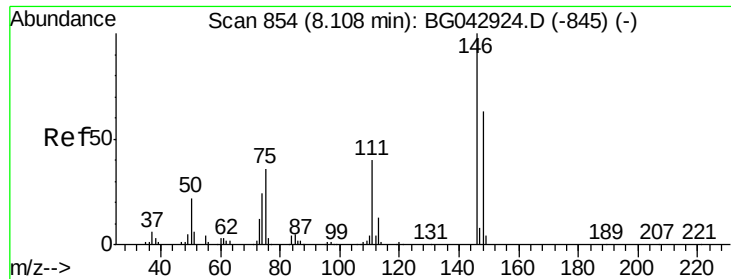
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#12
1,3-Dichlorobenzene
Concen: 35.173 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion:	146	Resp:	153828
Ion	Ratio	Lower	Upper
146	100		
148	61.0	50.7	76.1
75	32.5	27.7	41.5





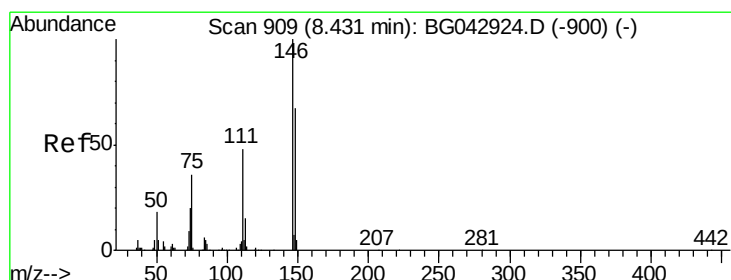
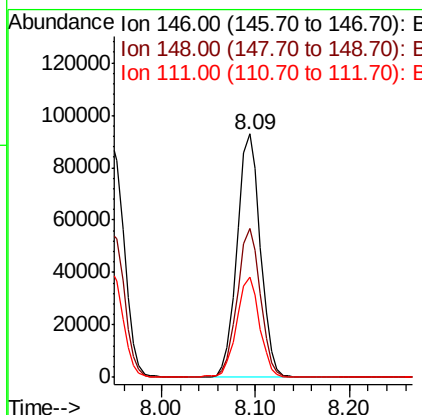
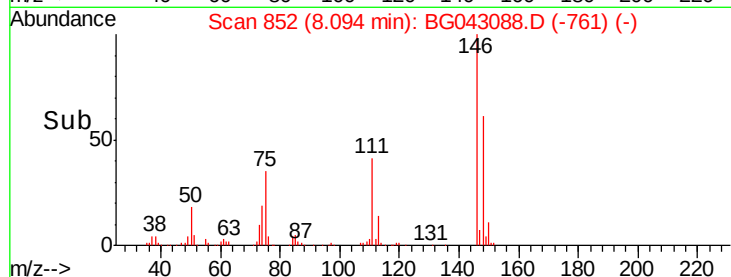
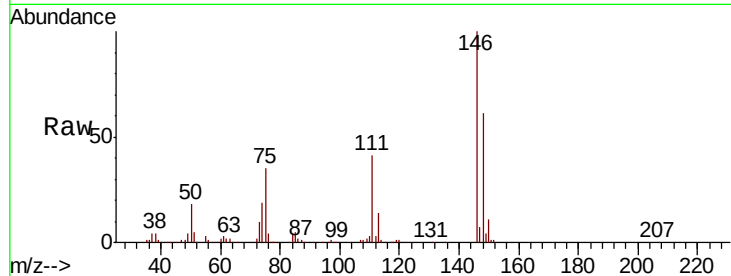
#13
 1,4-Dichlorobenzene
 Concen: 36.576 ng
 RT: 8.09 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: BG043088.D
 Acq: 8 Oct 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
159464	146	100			
	148	61.4	50.9	76.3	
	111	41.2	31.8	47.8	

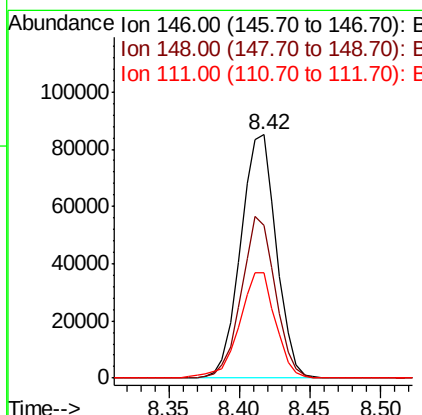
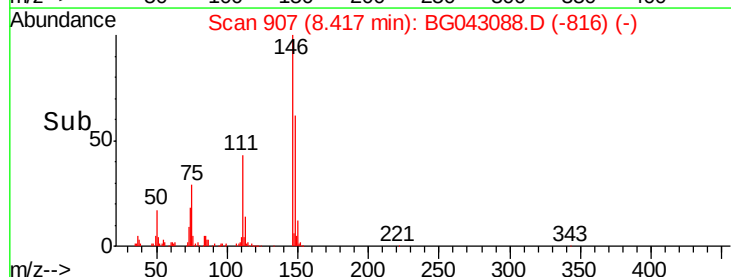
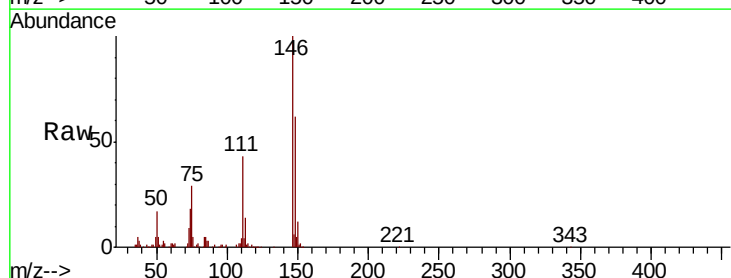
Manual Integrations
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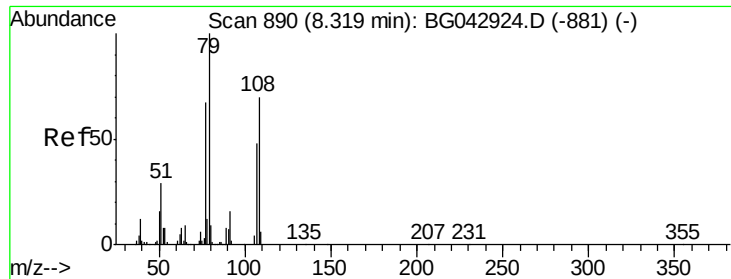
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#14
 1,2-Dichlorobenzene
 Concen: 36.111 ng
 RT: 8.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BG043088.D
 Acq: 8 Oct 2019 16:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149889	146	100			
	148	62.5	53.4	80.2	
	111	43.2	38.5	57.7	





#15

Benzyl Alcohol

Concen: 37.896 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Instrument :

BNA_G

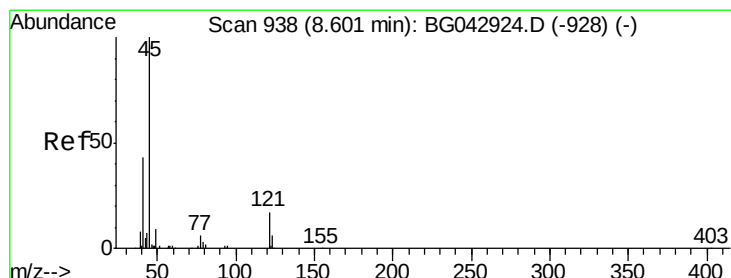
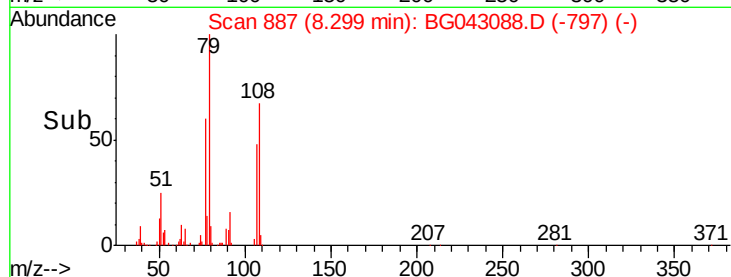
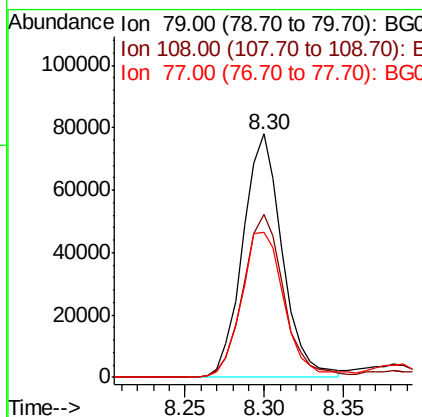
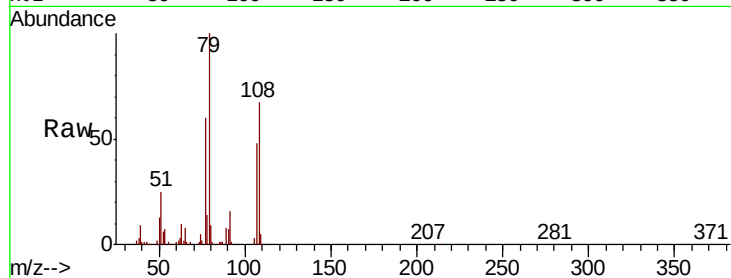
ClientSampleId :

HR-05-100219MSD

Tot Ion:	79	Resp:	134880
Ion Ratio	Lower	Upper	
79	100		
108	67.1	55.7	83.5
77	59.6	53.3	79.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 28.209 ng

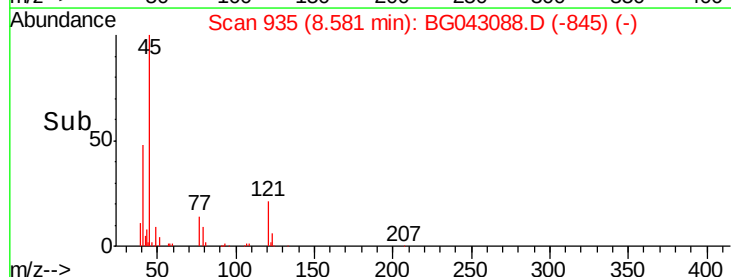
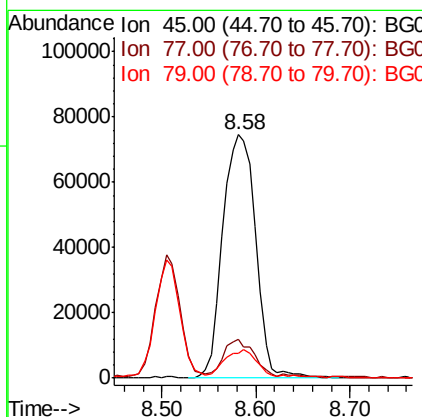
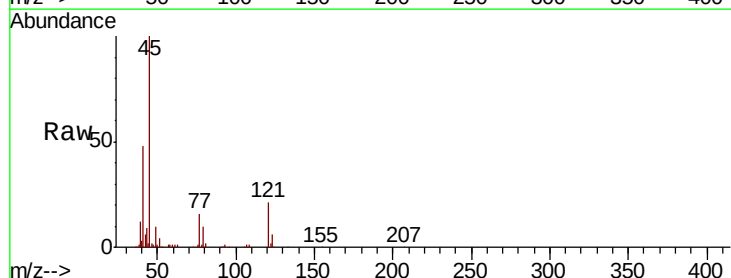
RT: 8.58 min Scan# 935

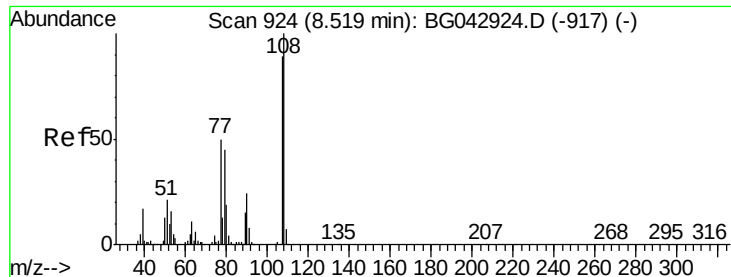
Delta R.T. -0.00 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Tgt Ion:	45	Resp:	182056
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	32.8
79	10.2	0.0	29.4





#17

2-Methylphenol

Concen: 41.598 ng

RT: 8.51 min Scan# 922

Delta R.T. 0.01 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Instrument :

BNA_G

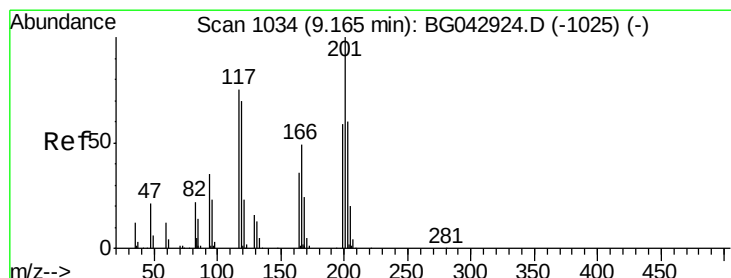
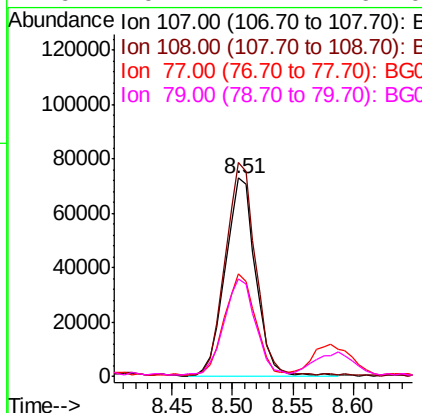
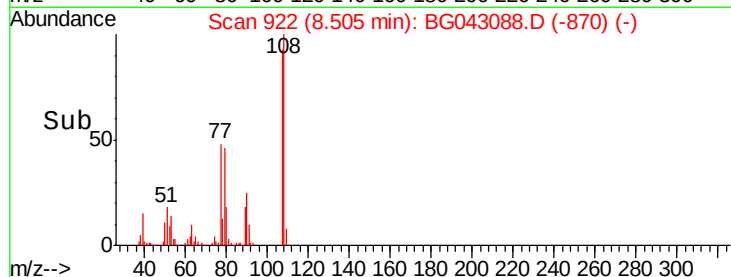
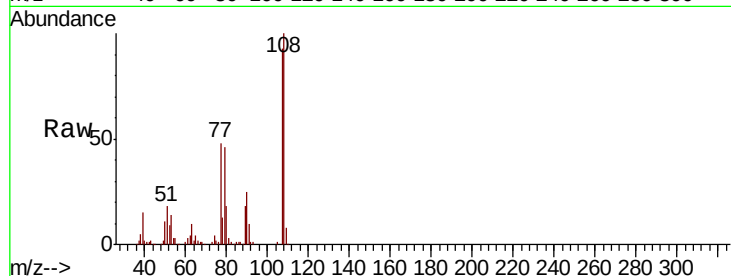
ClientSampleId :

HR-05-100219MSD

Tot Ion:	107	Resp:	126422
Ion Ratio	Lower	Upper	
107	100		
108	107.8	89.9	134.9
77	51.7	45.4	68.2
79	49.4	41.4	62.0

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#18

Hexachloroethane

Concen: 34.017 ng

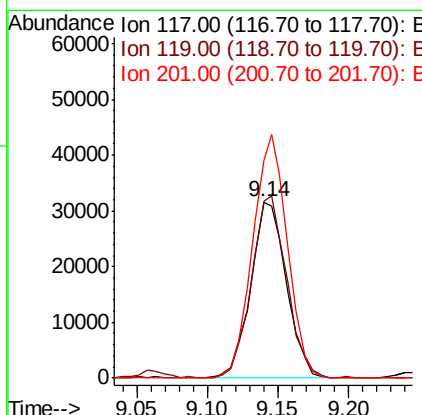
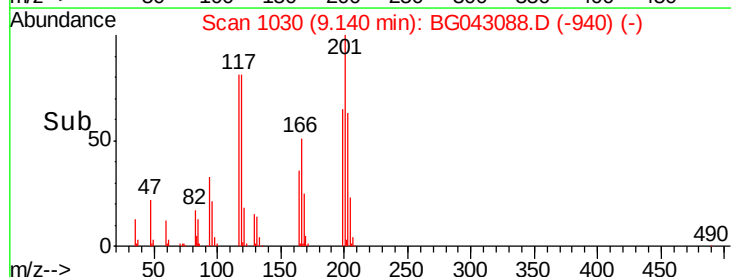
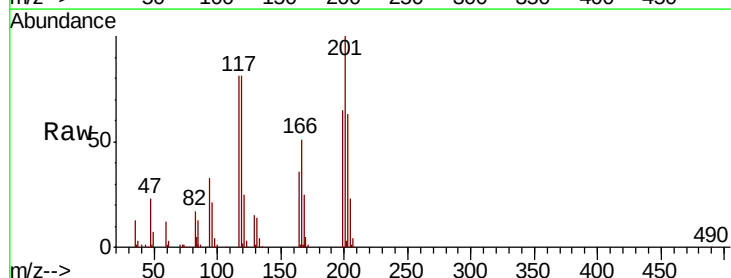
RT: 9.14 min Scan# 1030

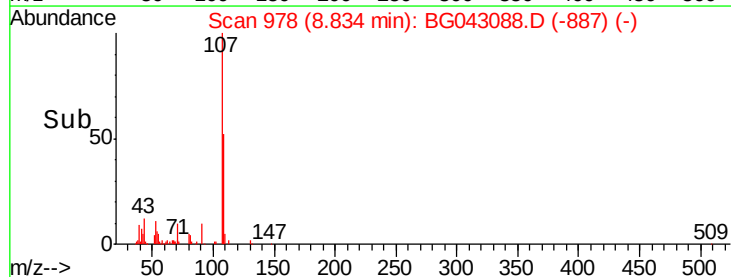
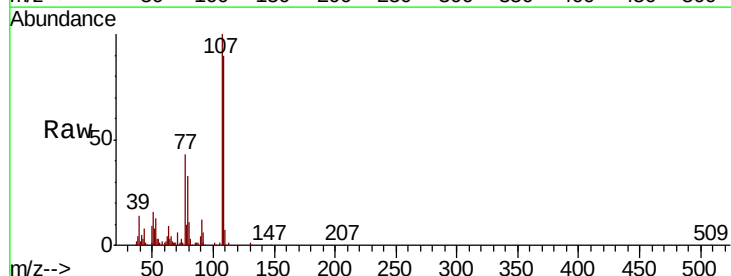
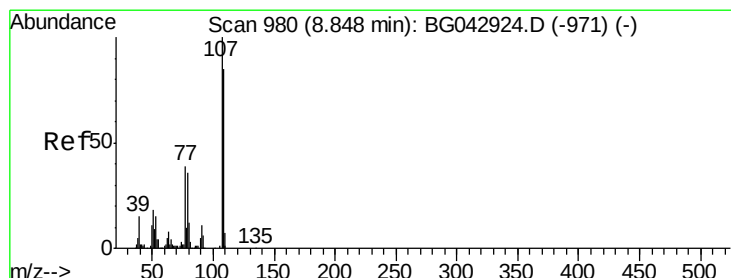
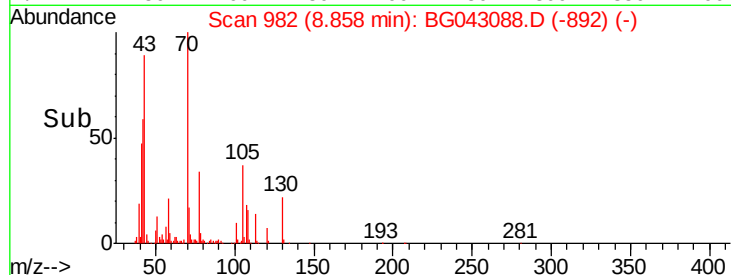
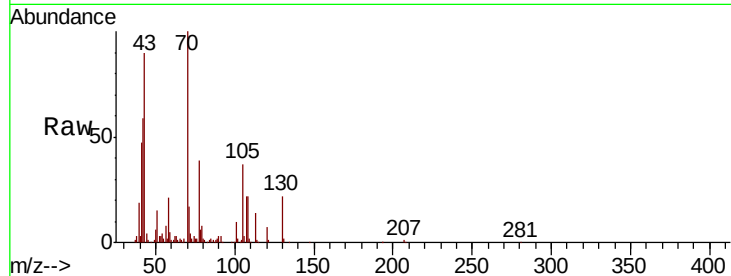
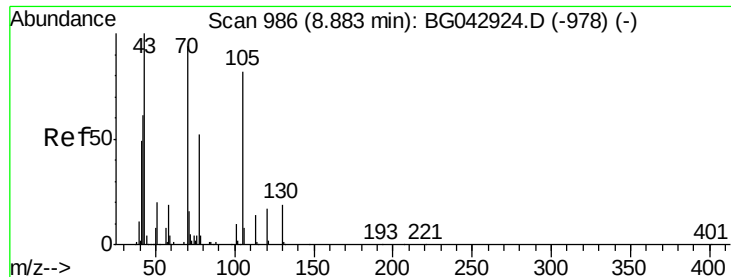
Delta R.T. -0.00 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

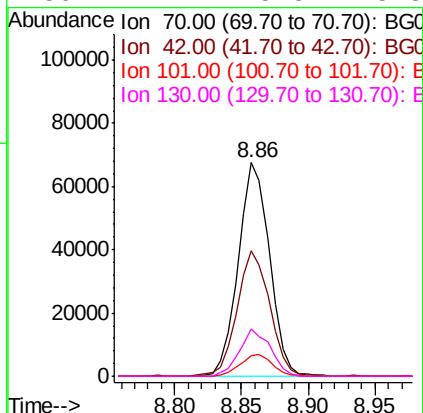
Tgt Ion:	117	Resp:	55855
Ion Ratio	Lower	Upper	
117	100		
119	100.4	74.6	111.8
201	123.6	106.0	159.0





#19
n-Nitroso-di-n-propylamine
Concen: 35.109 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.6	52.6	79.0	
101	9.7	8.7	13.1	
130	22.2	15.8	23.8	



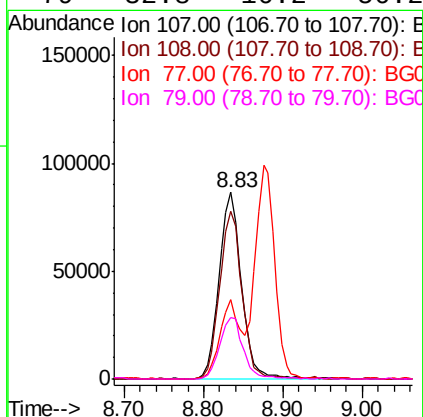
Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

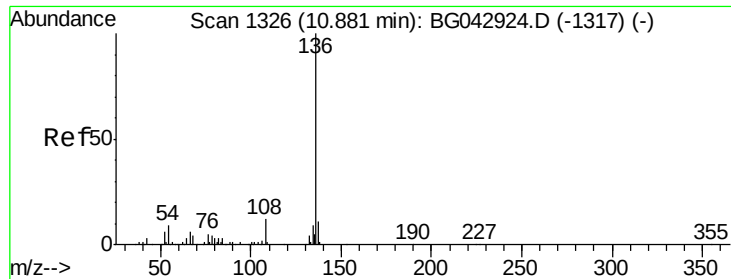
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#20
3+4-Methylphenols
Concen: 40.726 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.01 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	64.9	104.9	
77	42.6	19.4	59.4	
79	32.8	16.2	56.2	





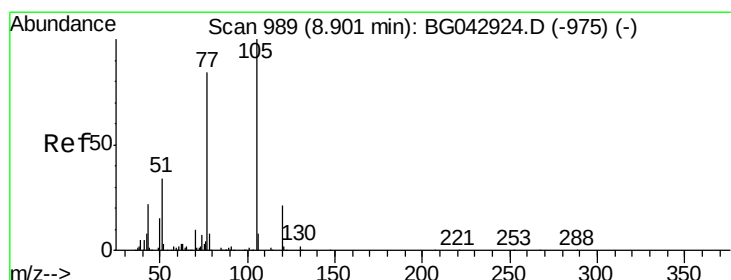
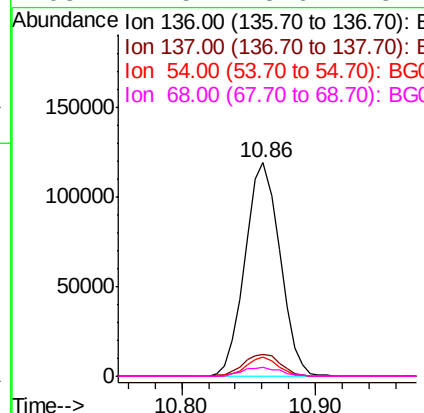
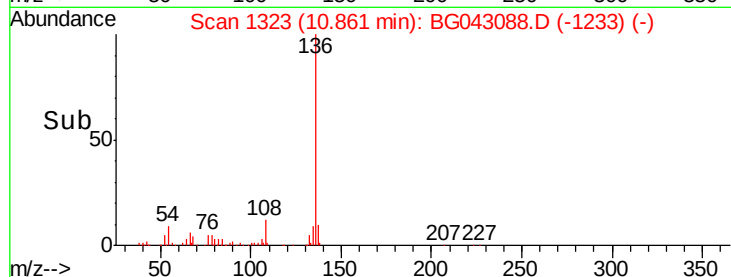
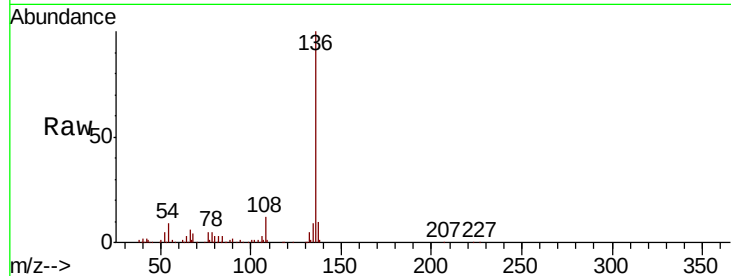
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		215114		
137	10.1		8.5	12.7	
54	8.7		7.4	11.2	
68	4.5		3.6	5.4	

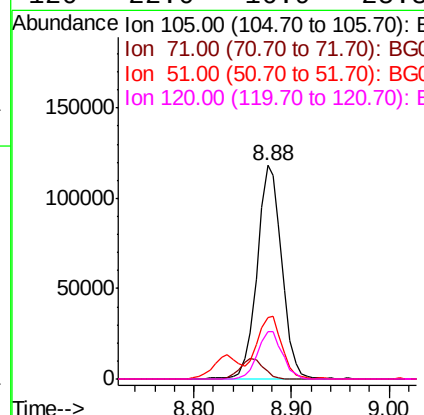
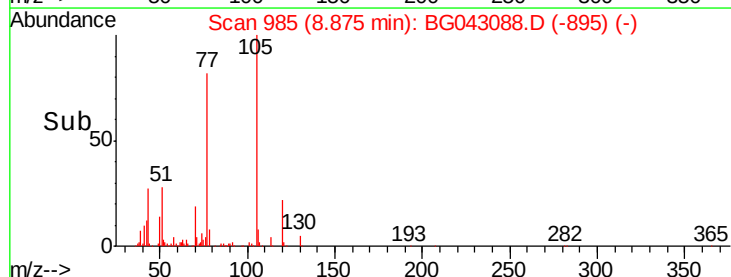
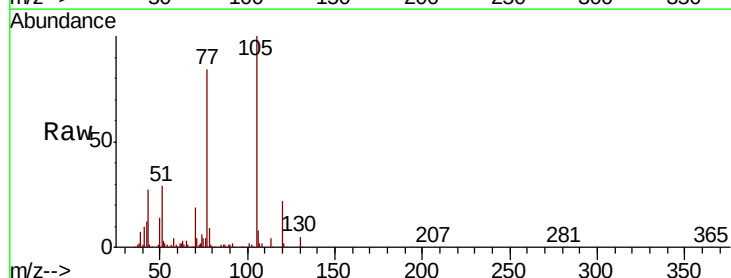
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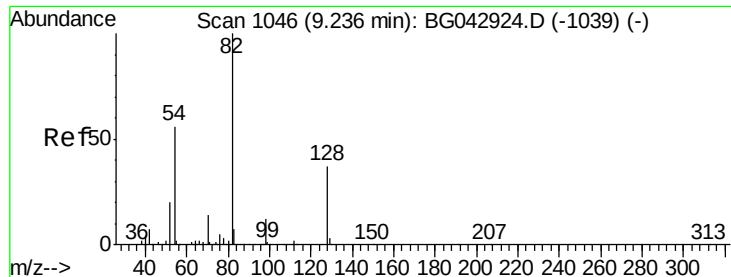
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#22
Acetophenone
Concen: 37.986 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		210629		
71	3.5		1.2	1.8#	
51	28.5		27.2	40.8	
120	22.0		16.9	25.3	





#23

Nitrobenzene-d5

Concen: 72.744 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Instrument :

BNA_G

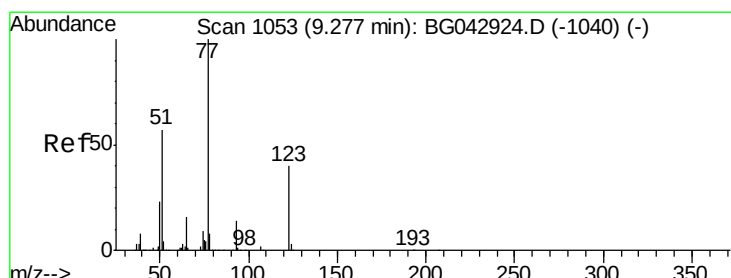
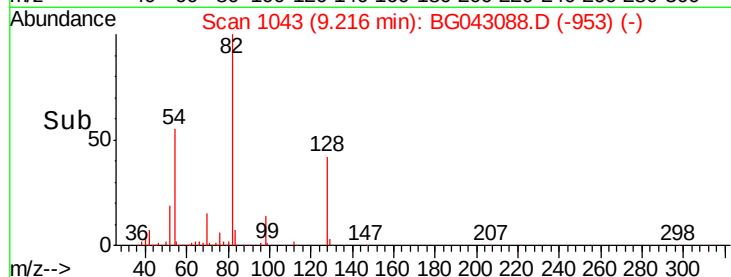
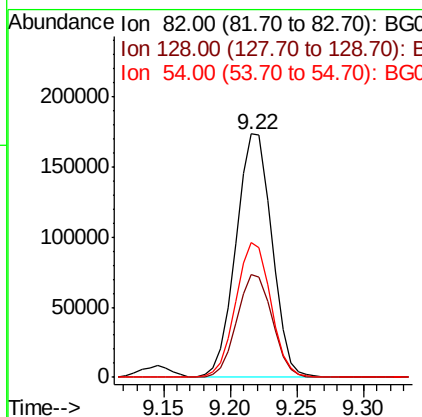
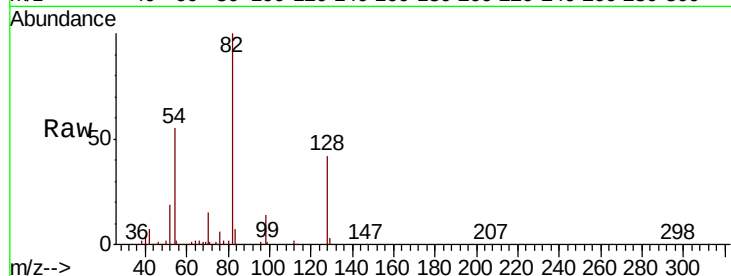
ClientSampleId :

HR-05-100219MSD

Tot Ion:	82	Resp:	321946
Ion Ratio	Lower	Upper	
82	100		
128	42.0	29.5	44.3
54	55.1	44.6	67.0

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#24

Nitrobenzene

Concen: 39.011 ng

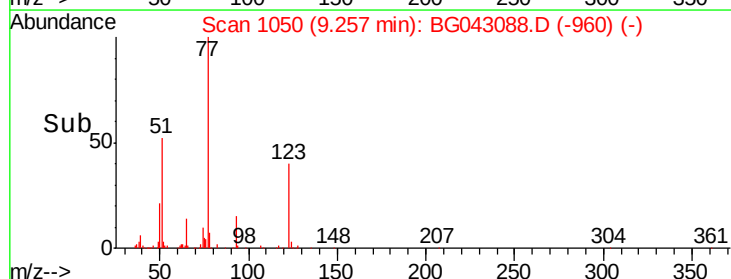
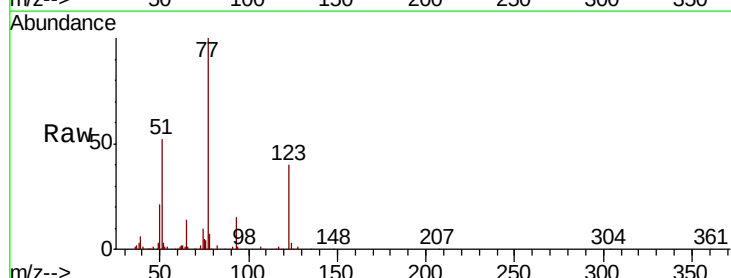
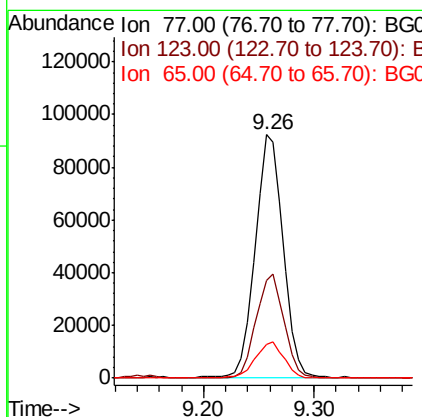
RT: 9.26 min Scan# 1050

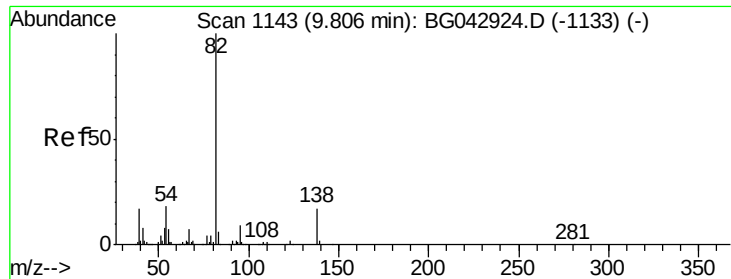
Delta R.T. -0.00 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Tgt Ion:	77	Resp:	164683
Ion Ratio	Lower	Upper	
77	100		
123	40.2	31.9	47.9
65	14.1	12.4	18.6





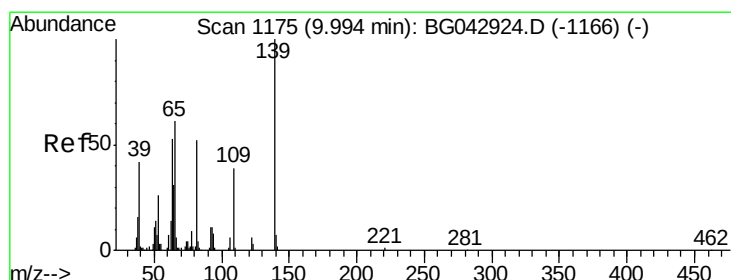
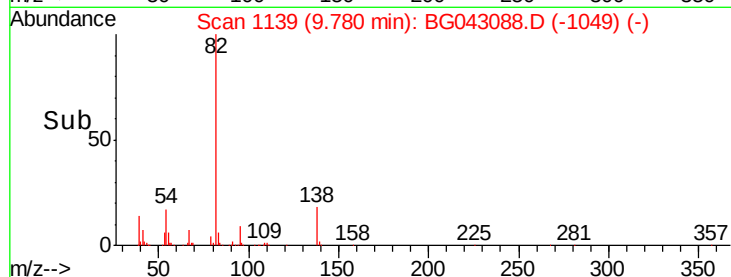
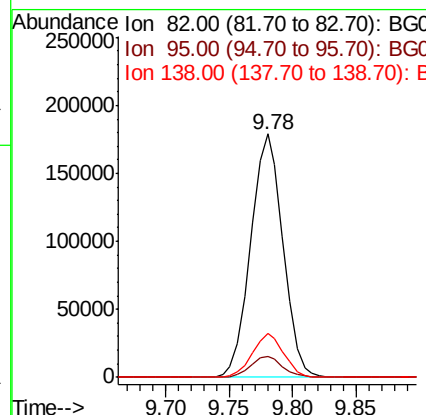
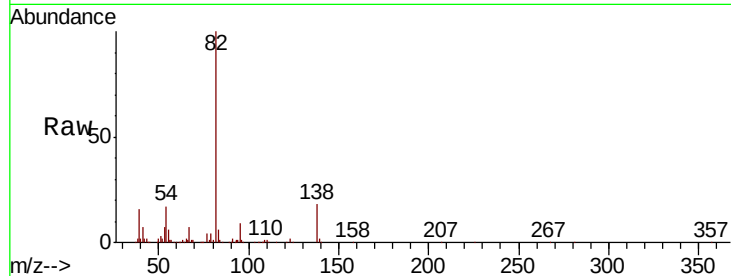
#25
Isophorone
Concen: 40.665 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.7	7.0	10.4	
138	17.9	13.8	20.6	

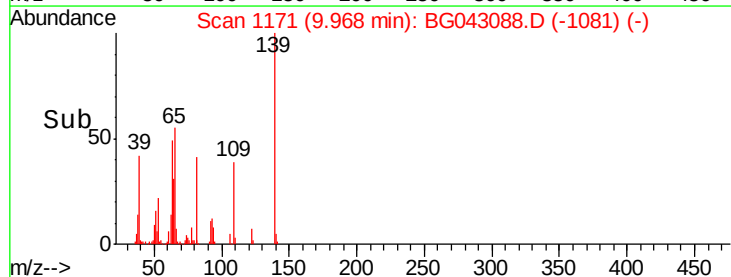
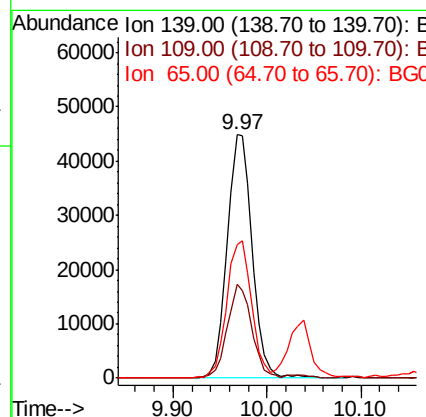
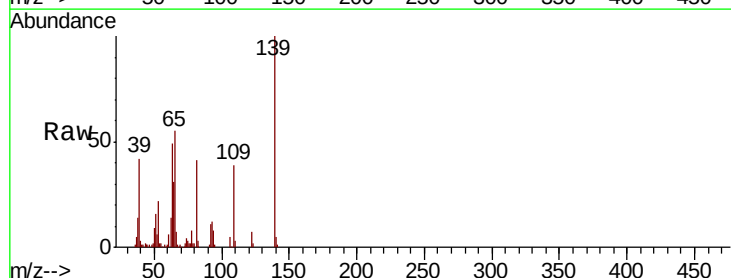
Manual Integrations
APPROVED

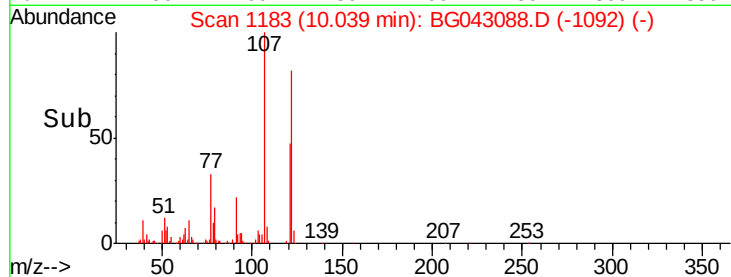
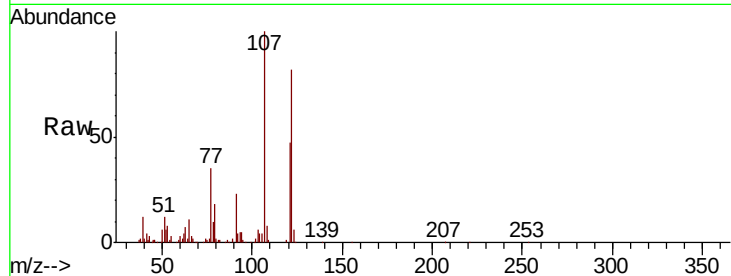
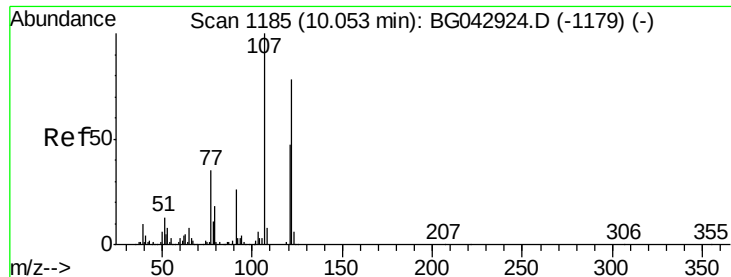
mohammad
10/11/2019 8:29:52 AM



#26
2-Nitrophenol
Concen: 45.995 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	38.6	31.0	46.6	
65	54.6	48.4	72.6	





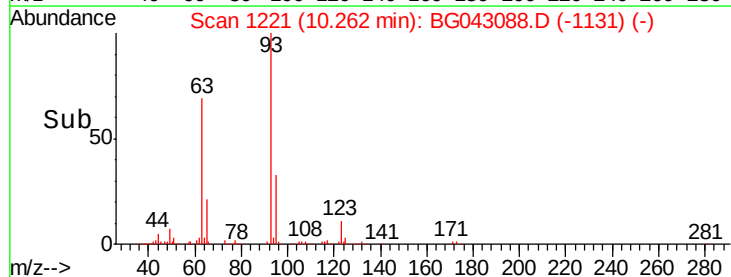
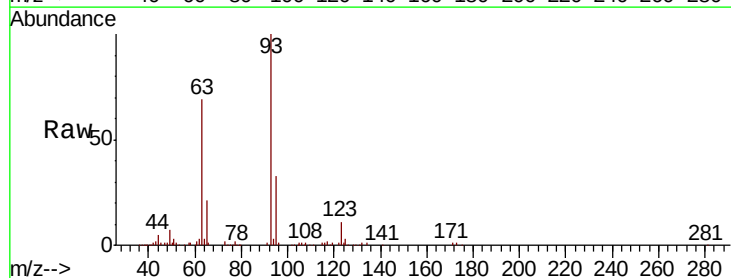
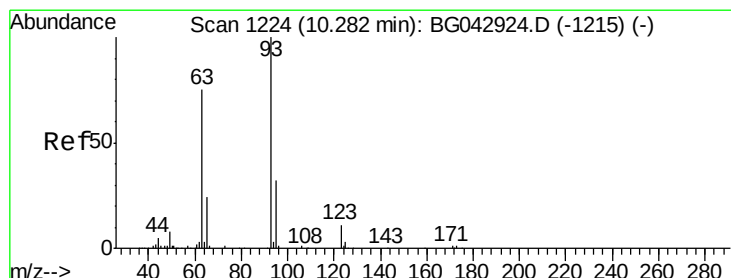
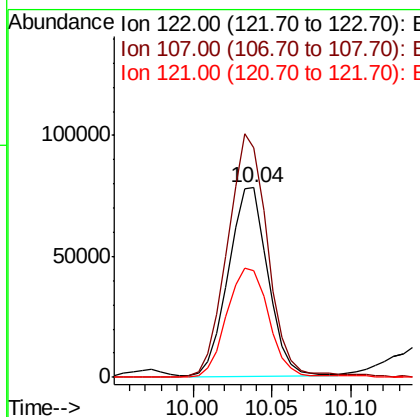
#27
2,4-Dimethylphenol
Concen: 49.184 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.3	102.2	153.2
121	56.5	48.5	72.7

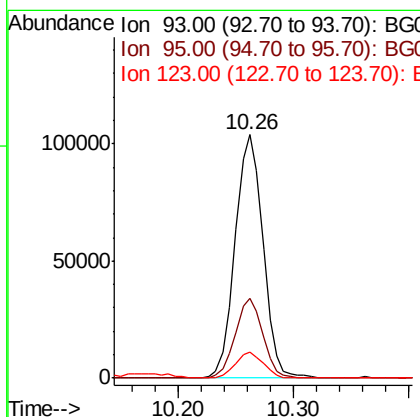
Manual Integrations
APPROVED

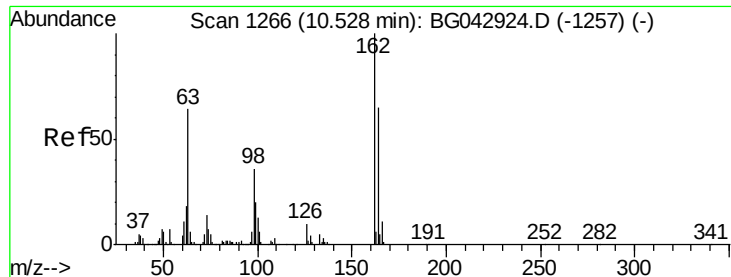
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.408 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.4	38.0
123	10.5	9.3	13.9





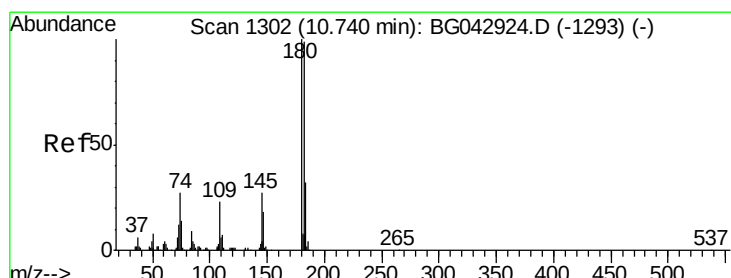
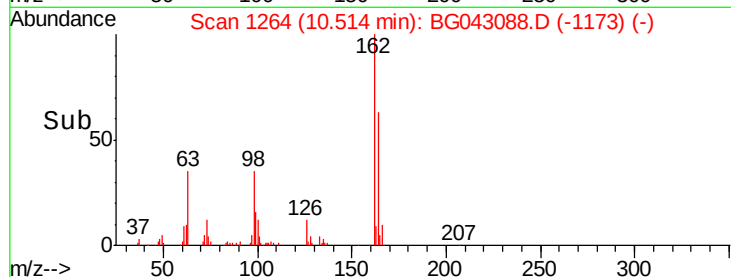
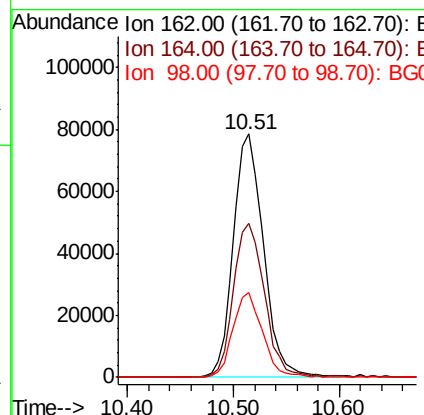
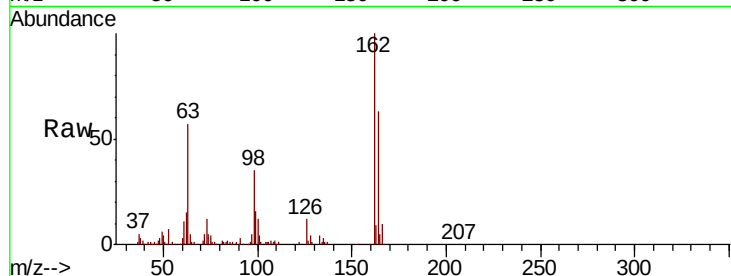
#29
 2,4-Dichlorophenol
 Concen: 45.232 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BG043088.D
 Acq: 8 Oct 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.7	84.7
98	34.7	16.0	56.0

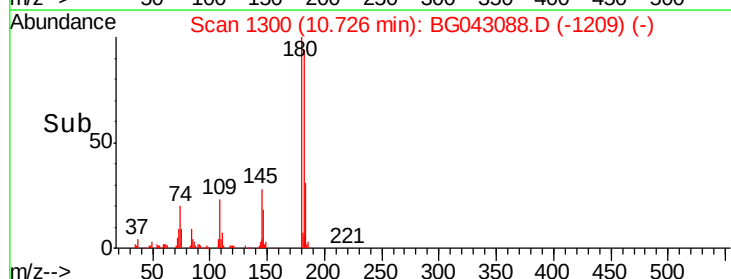
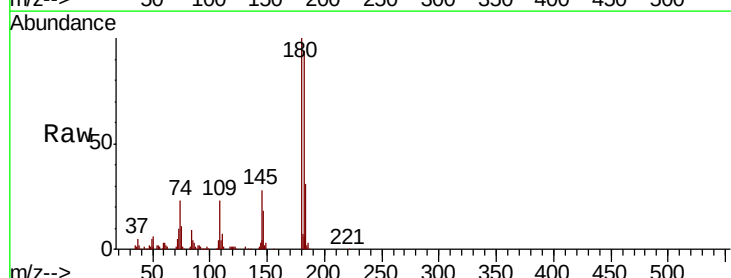
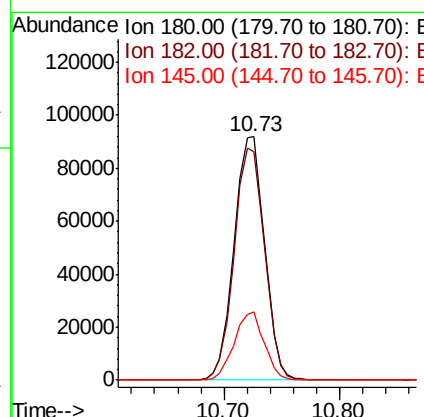
Manual Integrations
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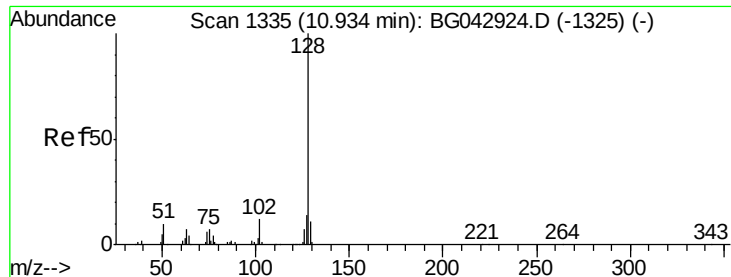
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.875 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BG043088.D
 Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	79.3	118.9
145	28.1	22.0	33.0





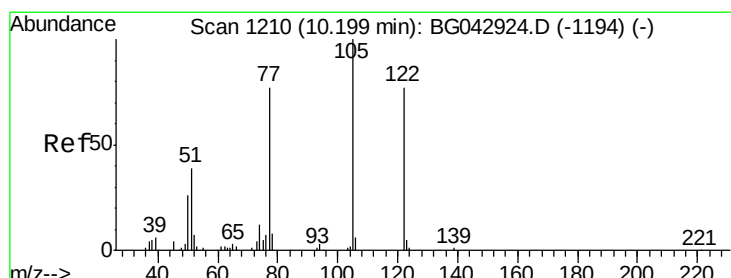
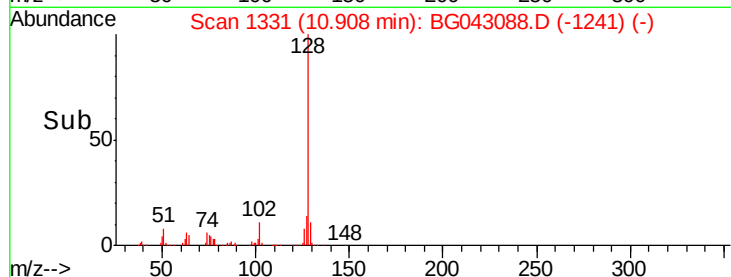
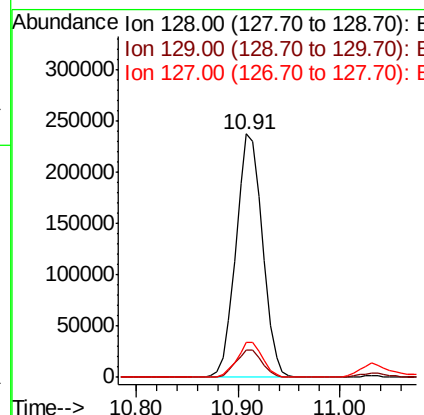
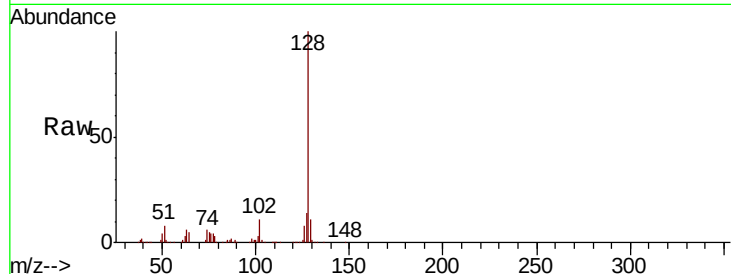
#31
Naphthalene
Concen: 40.605 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	14.1	11.3	16.9

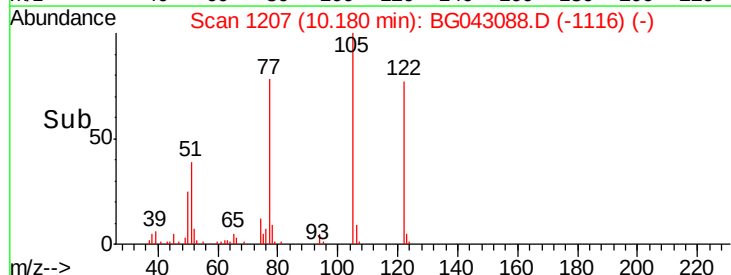
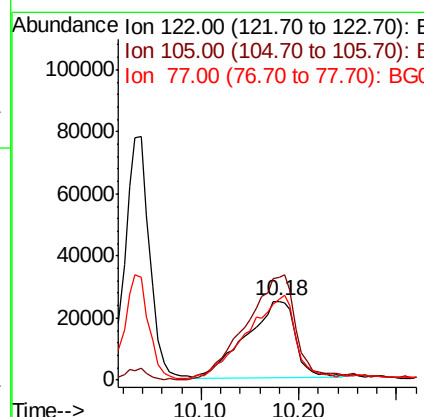
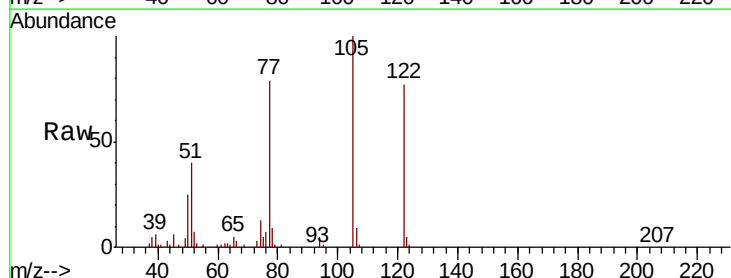
Manual Integrations
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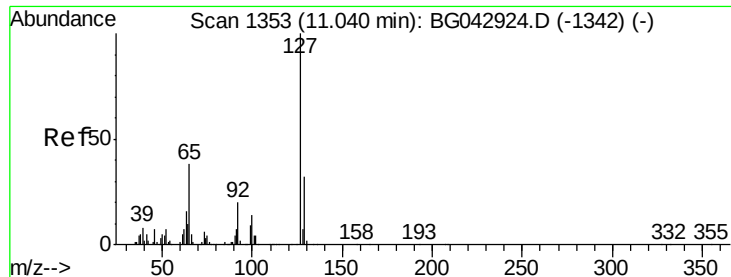
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#32
Benzoic acid
Concen: 41.613 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.4	107.5	147.5
77	103.2	79.8	119.8





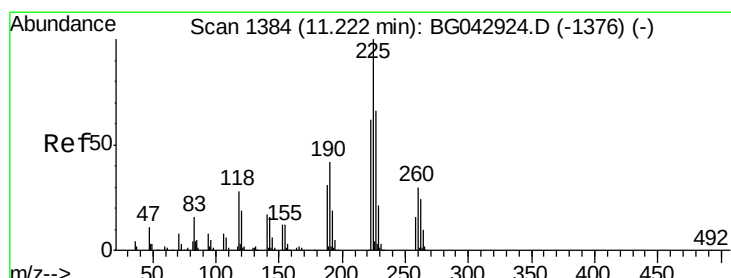
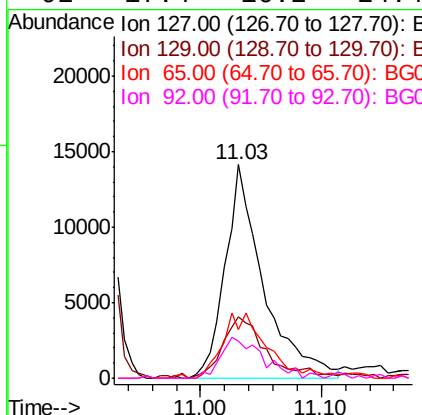
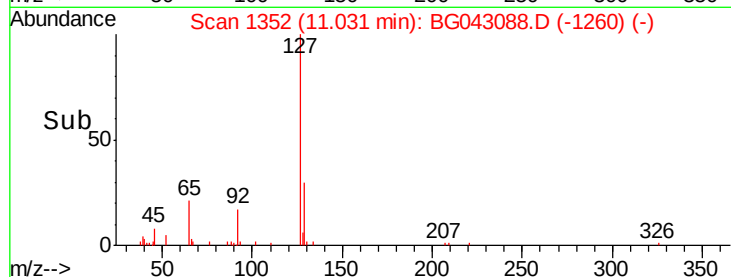
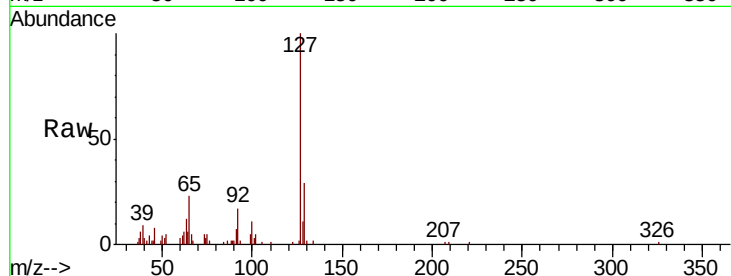
#33
4-Chloroaniline
Concen: 6.791 ng
RT: 11.03 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		31203		
129	28.7	26.2	39.2		
65	23.0	30.6	45.8		
92	17.4	16.2	24.4		

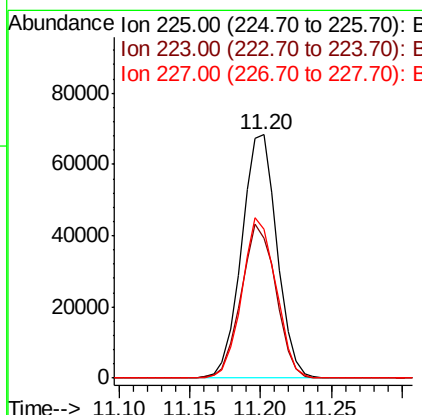
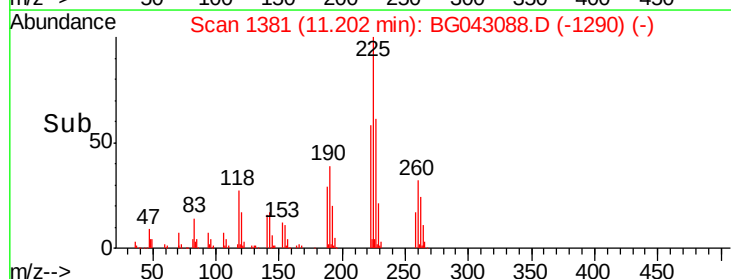
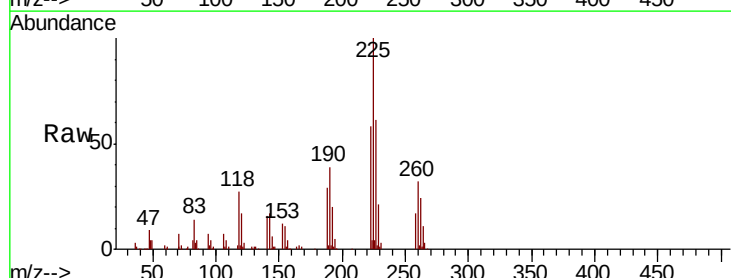
Manual Integrations
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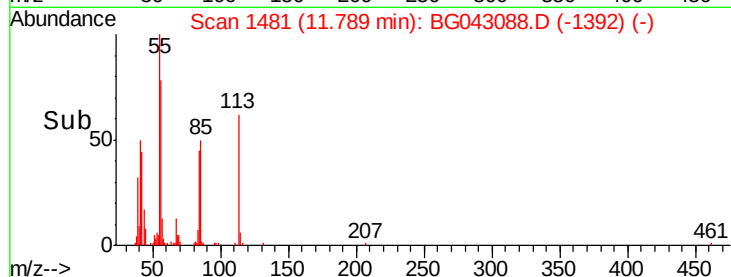
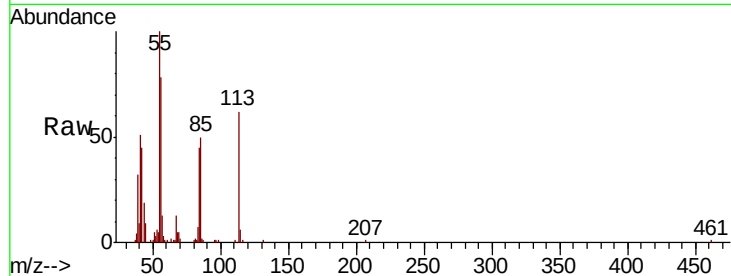
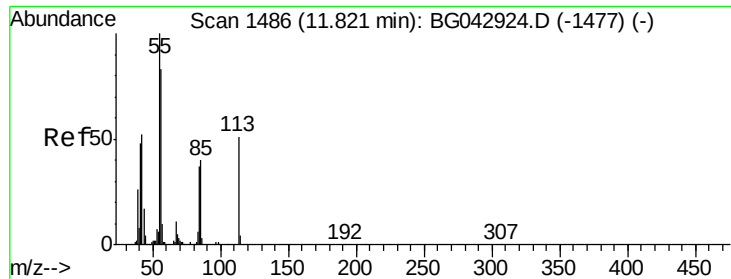
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#34
Hexachlorobutadiene
Concen: 36.079 ng
RT: 11.20 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		119741		
223	57.6	49.3	73.9		
227	61.4	52.8	79.2		





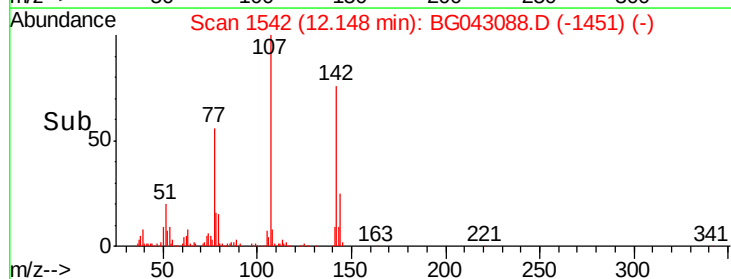
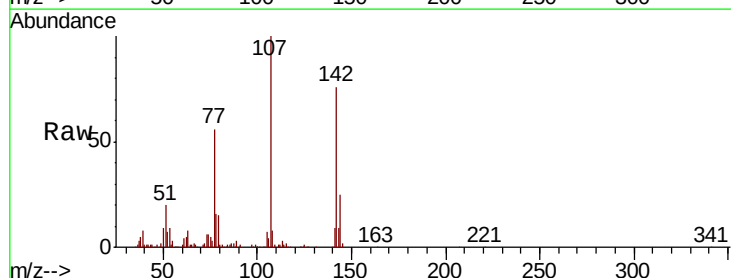
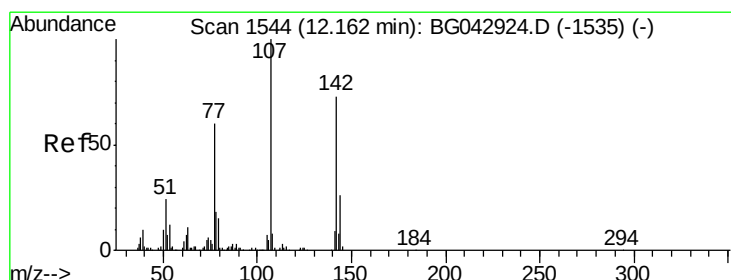
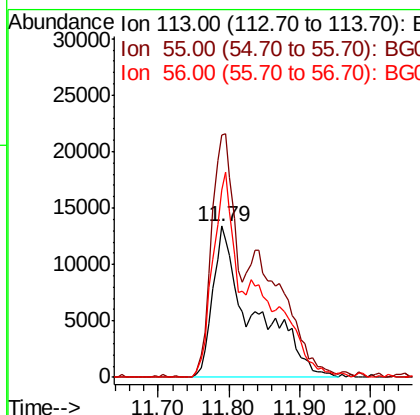
#35
Caprolactam
Concen: 44.454 ng/ml
RT: 11.79 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.3	175.5	215.5#
56	124.5	142.3	182.3#

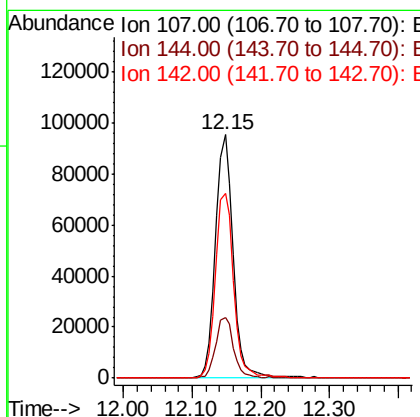
Manual Integrations
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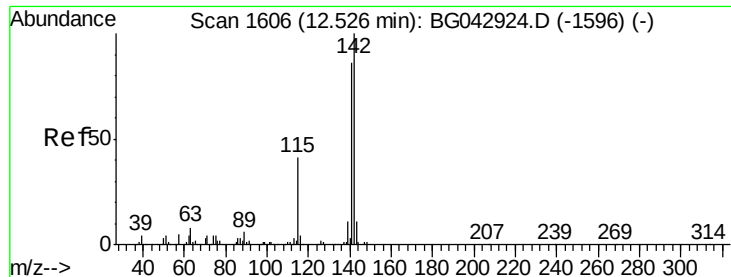
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 45.645 ng/ml
RT: 12.15 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.7	31.1
142	75.9	58.6	87.8





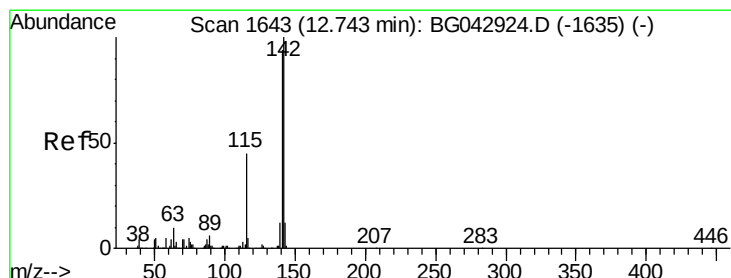
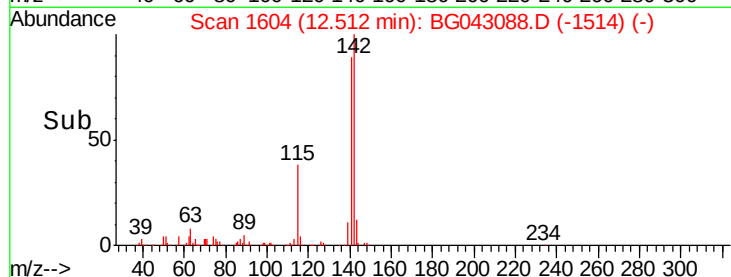
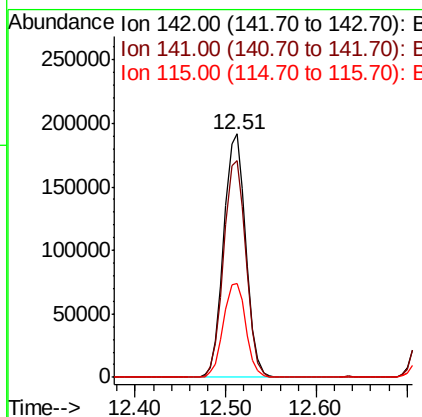
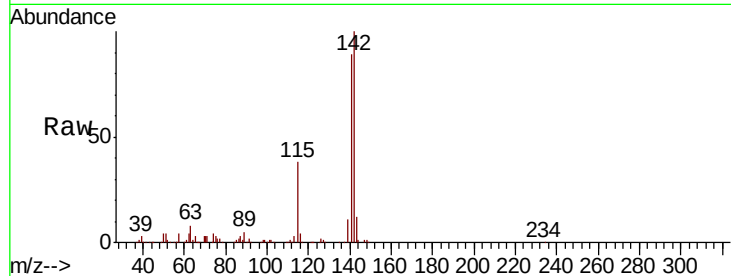
#37
2-Methylnaphthalene
Concen: 39.994 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.0	103.4
115	38.4	32.8	49.2

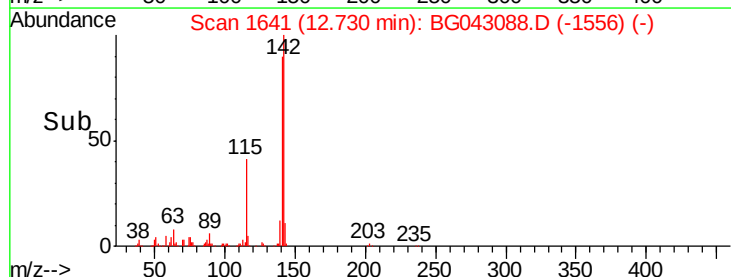
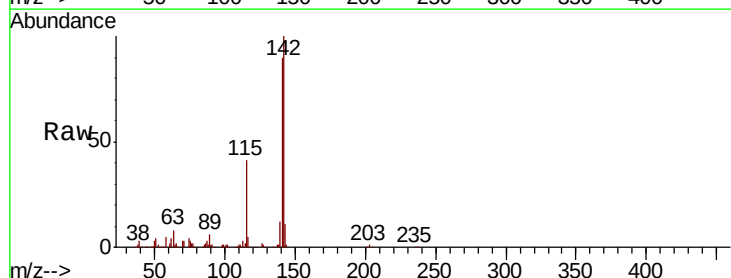
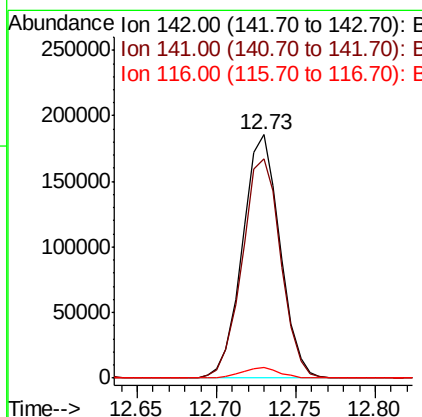
Manual Integrations
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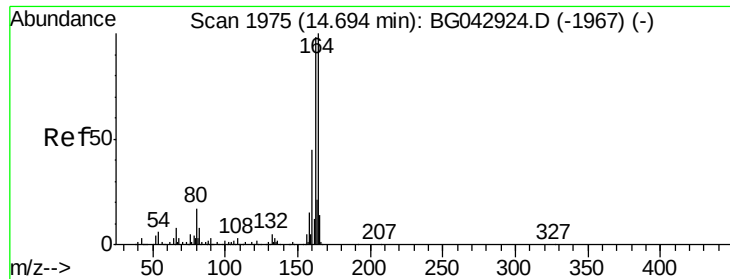
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#38
1-Methylnaphthalene
Concen: 39.916 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.9	112.3
116	4.6	3.7	5.5





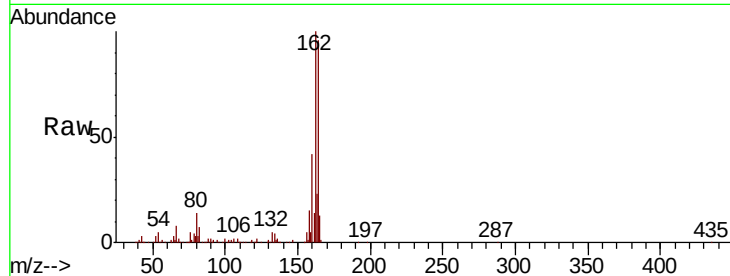
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.5	117.7
160	43.5	35.9	53.9

Manual Integrations
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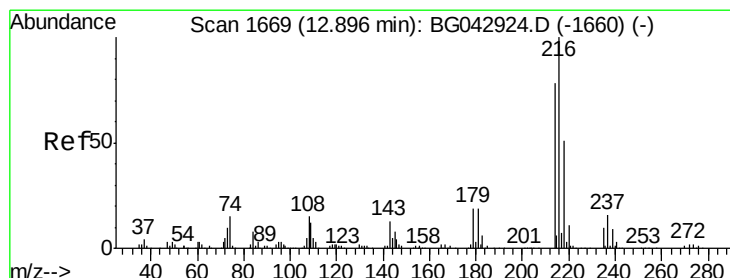
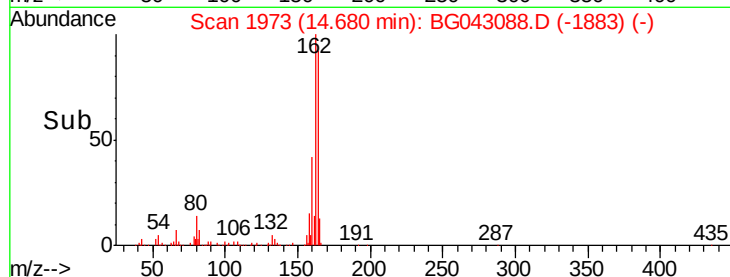
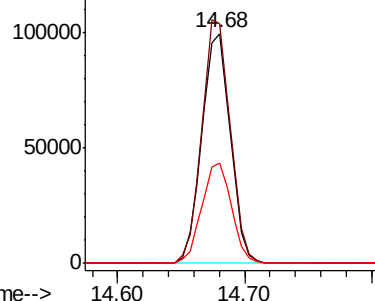


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.182 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.4	93.6
179	19.4	15.4	23.2
108	16.5	12.6	19.0

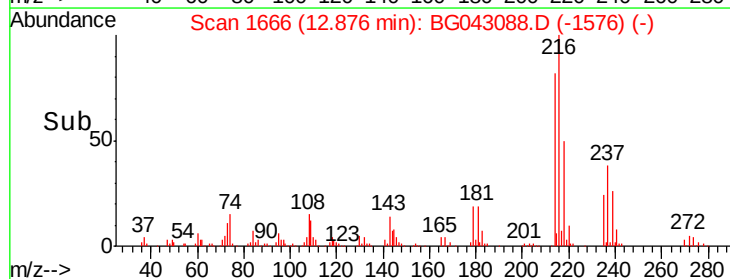
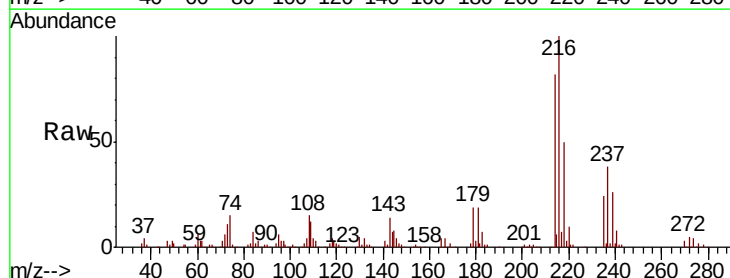
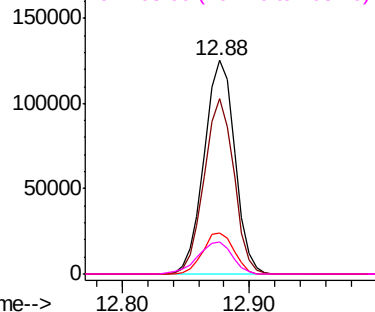
Abundance

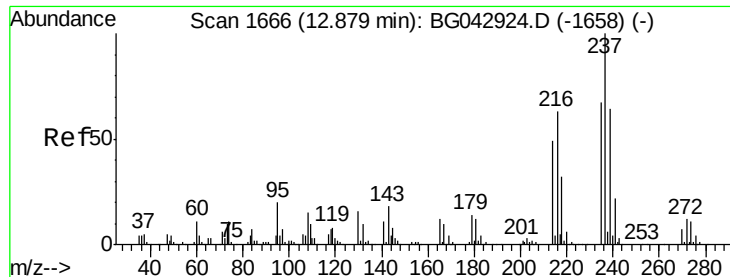
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 71.363 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Instrument :

BNA_G

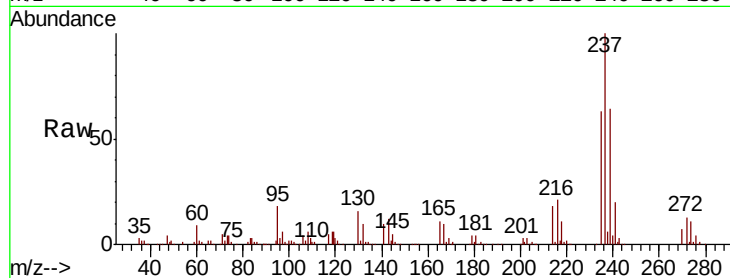
ClientSampleId :

HR-05-100219MSD

Tot Ion:	237	Resp:	263666
Ion Ratio	Lower	Upper	
237	100		
235	62.7	46.7	86.7
272	13.0	0.0	32.3

Manual Integrations
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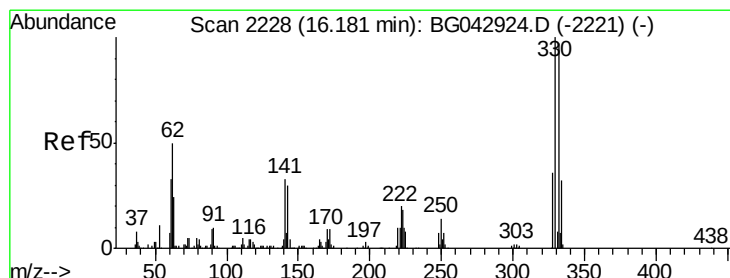
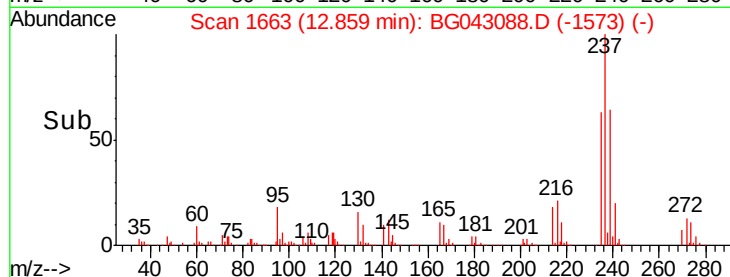
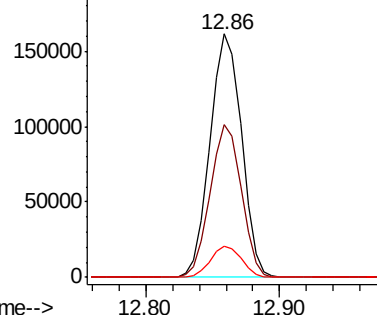


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.262 ng

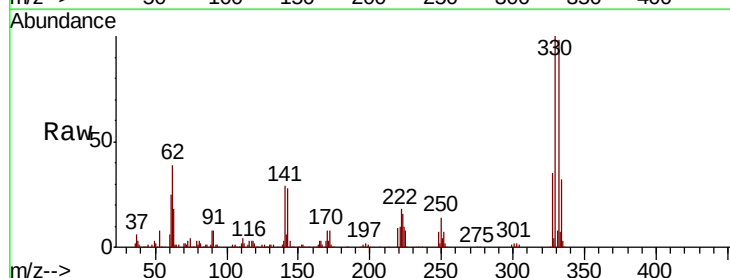
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Tgt Ion:	330	Resp:	345455
Ion Ratio	Lower	Upper	
330	100		
332	97.6	78.2	117.2
141	29.1	26.0	39.0

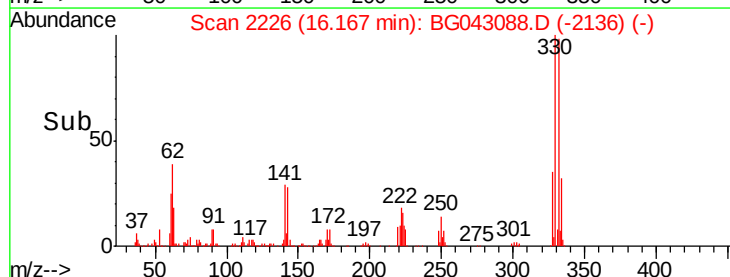
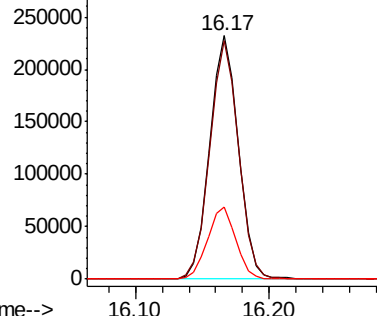


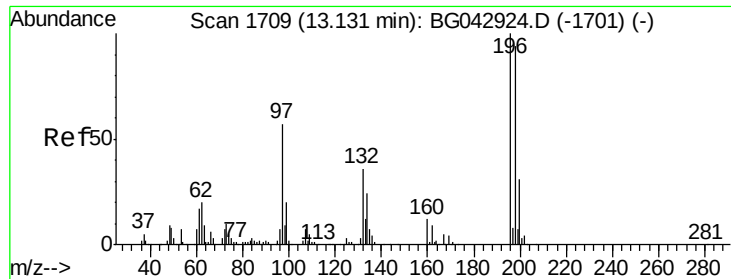
Abundance

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





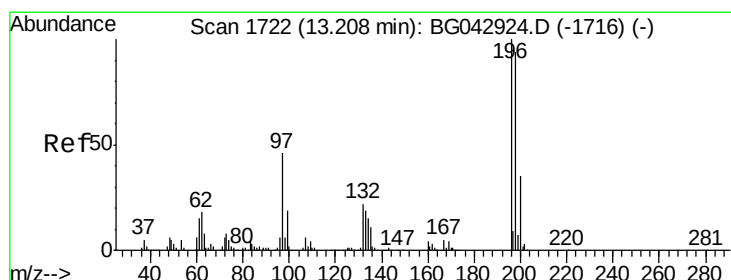
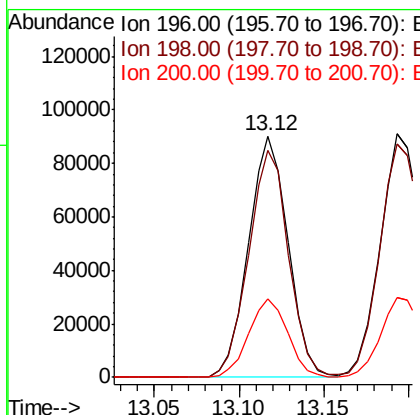
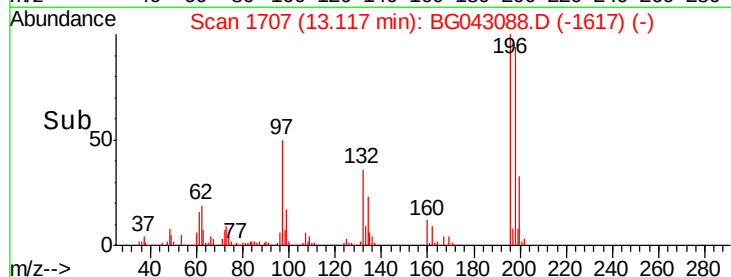
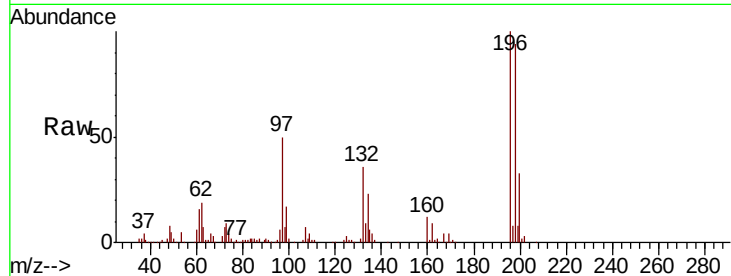
#43
 2,4,6-Trichlorophenol
 Concen: 43.284 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG043088.D
 Acq: 8 Oct 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.5	113.3
200	32.7	24.9	37.3

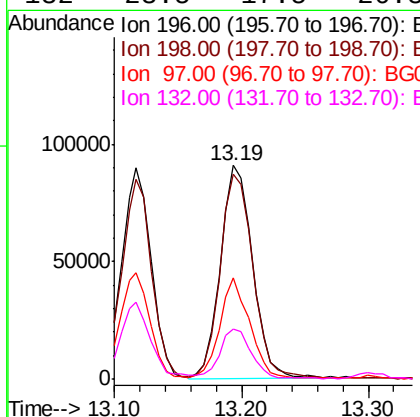
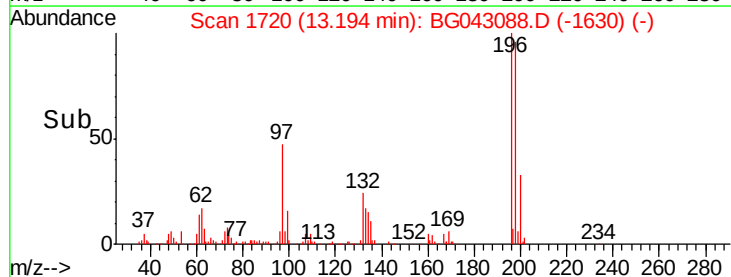
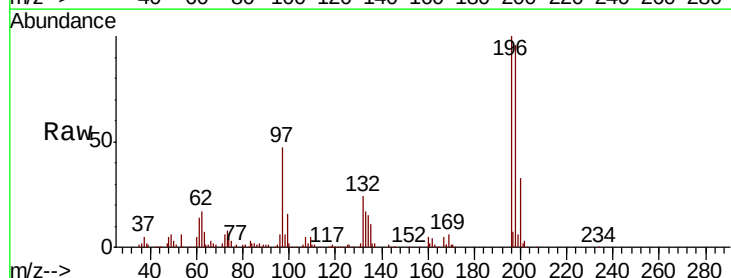
Manual Integrations
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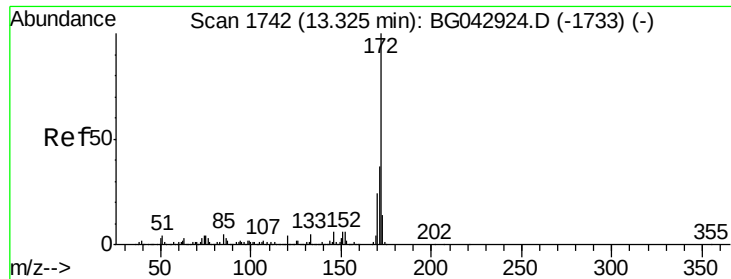
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.440 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG043088.D
 Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.1	112.7
97	47.1	37.0	55.4
132	23.5	17.5	26.3





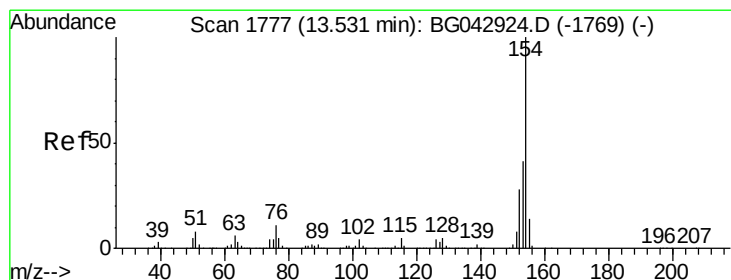
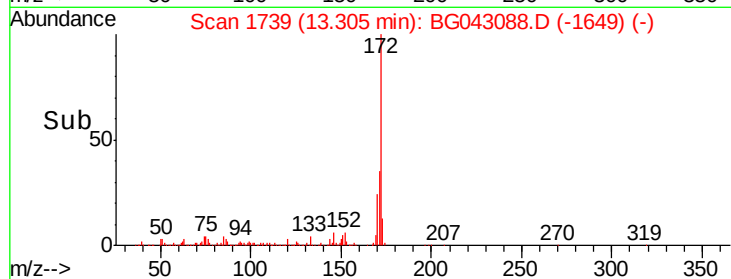
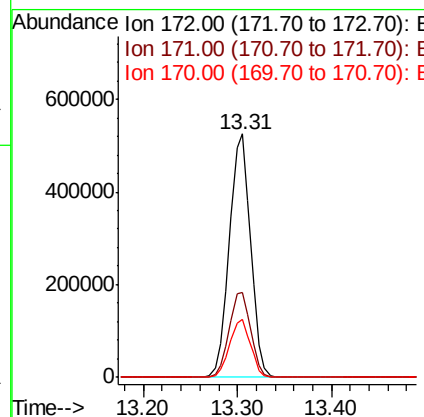
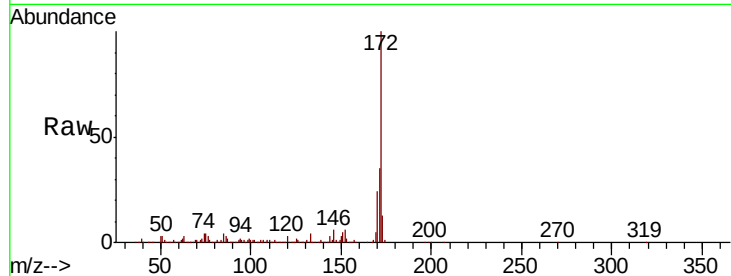
#45
2-Fluorobiphenyl
Concen: 77.315 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.6	19.6	29.4

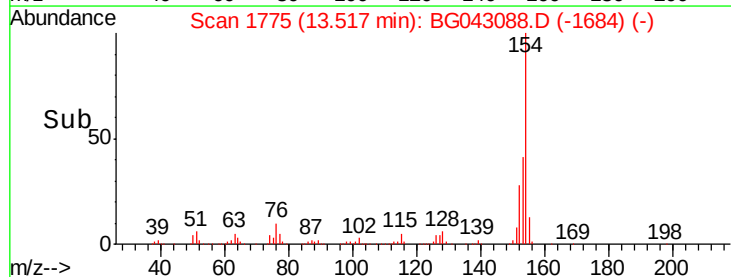
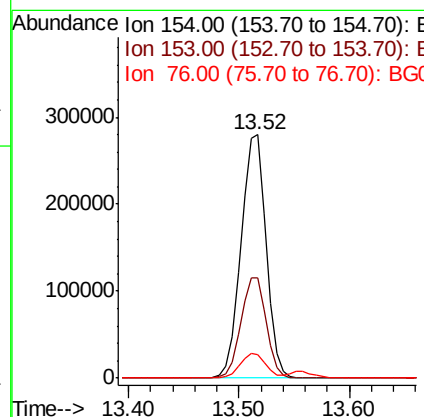
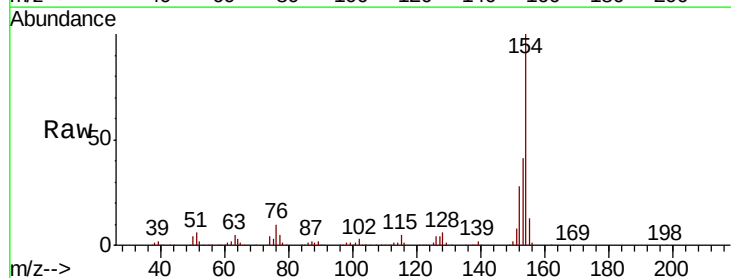
Manual Integrations
APPROVED

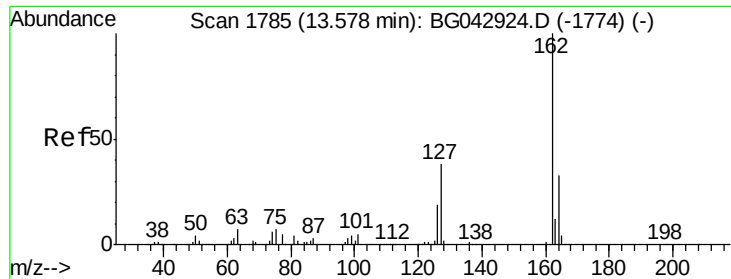
mohammad
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#46
1,1'-Biphenyl
Concen: 38.178 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.4	61.4
76	9.7	0.0	31.3





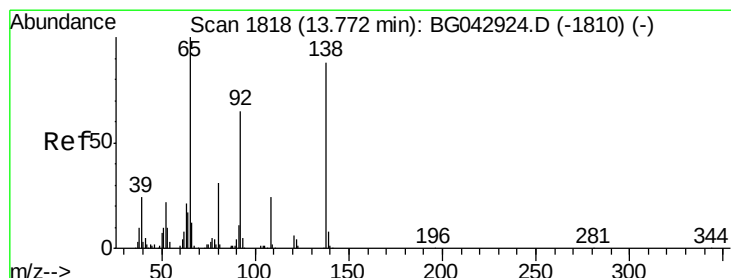
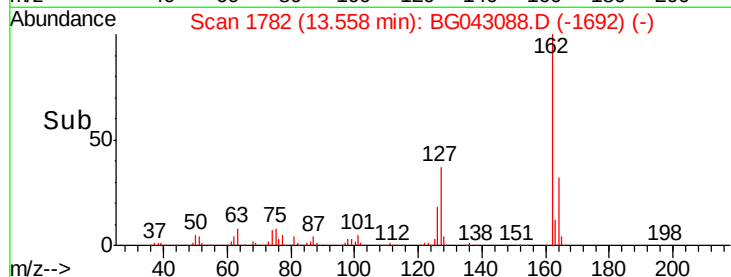
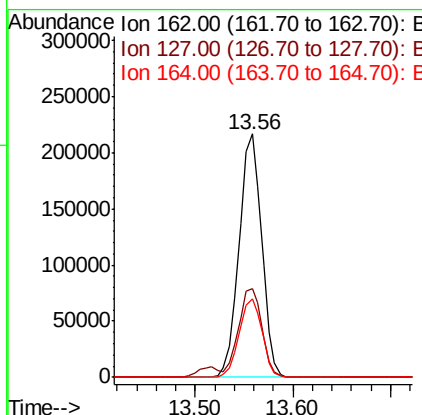
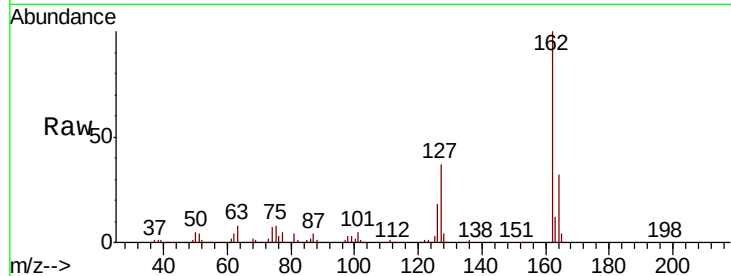
#47
2-Chloronaphthalene
Concen: 39.863 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	349548		
127	36.6	31.0	46.6	
164	32.1	26.2	39.2	

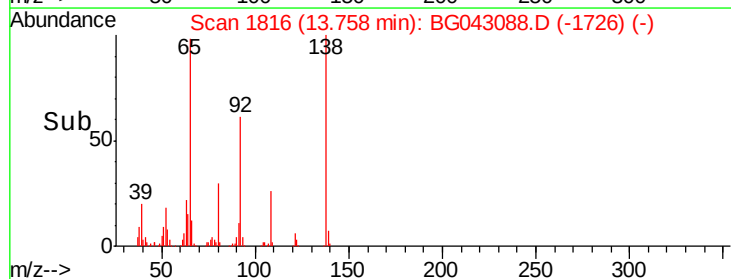
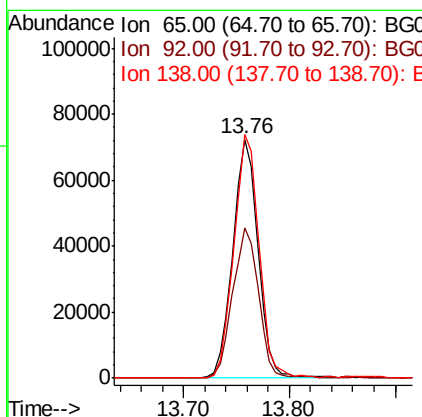
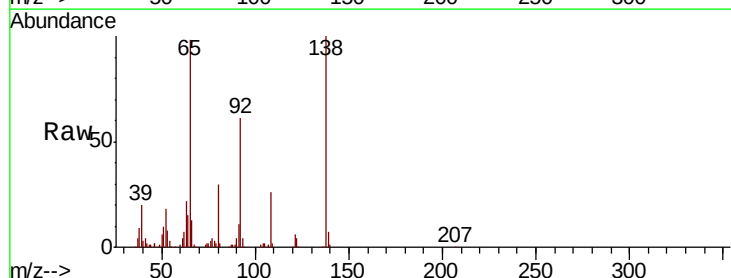
Manual Integrations
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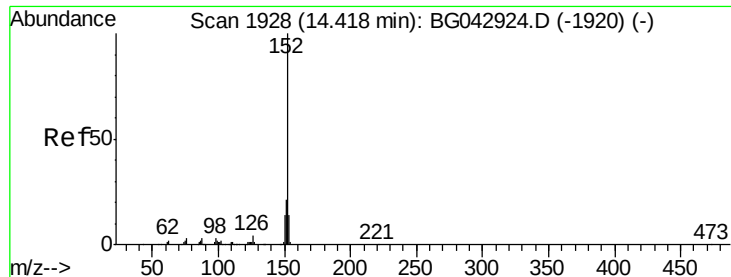
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#48
2-Nitroaniline
Concen: 40.866 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	119166		
92	62.6	52.0	78.0	
138	101.9	70.4	105.6	





#49

Acenaphthylene

Concen: 41.517 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Instrument :

BNA_G

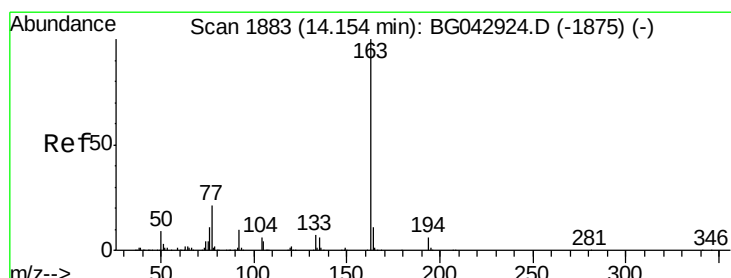
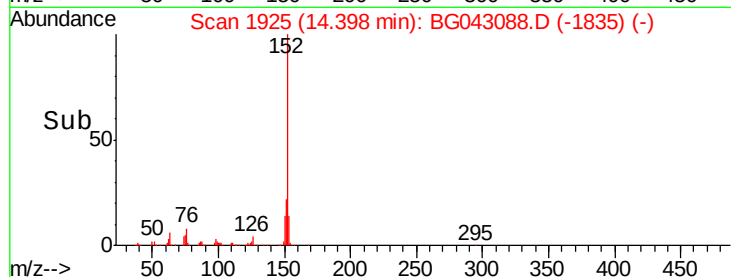
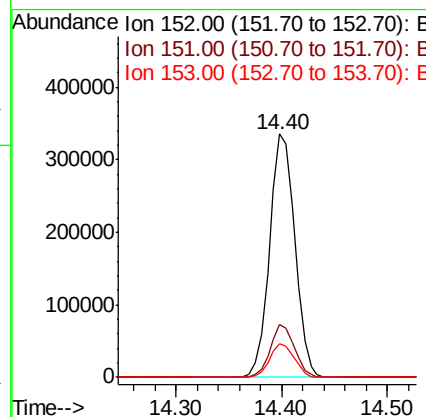
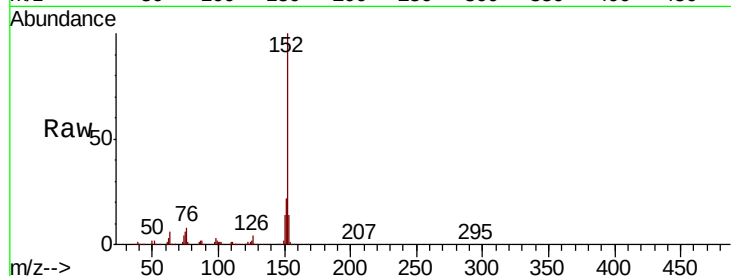
ClientSampleId :

HR-05-100219MSD

Tot Ion:	152	Resp:	557052
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.8	25.2
153	13.7	11.3	16.9

Manual Integrations
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#50

Dimethylphthalate

Concen: 50.345 ng

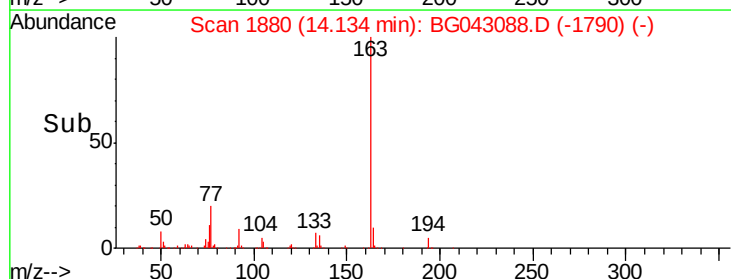
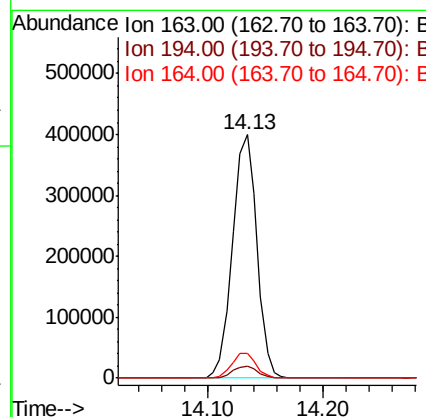
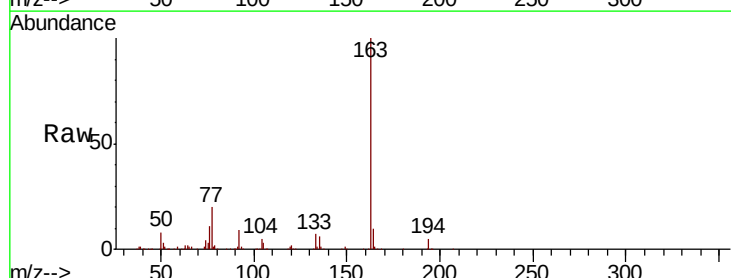
RT: 14.13 min Scan# 1880

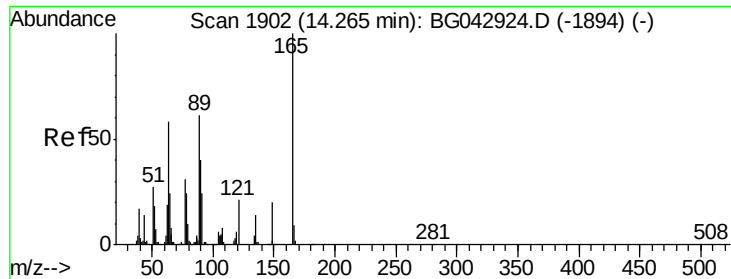
Delta R.T. -0.00 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Tgt Ion:	163	Resp:	581766
Ion Ratio	Lower	Upper	
163	100		
194	4.7	4.4	6.6
164	10.2	8.6	12.8





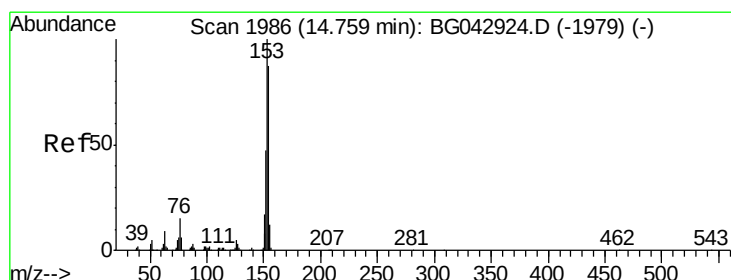
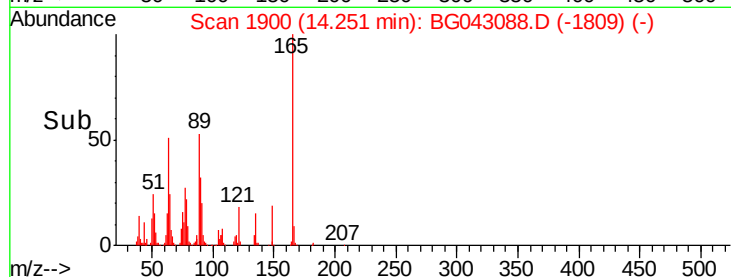
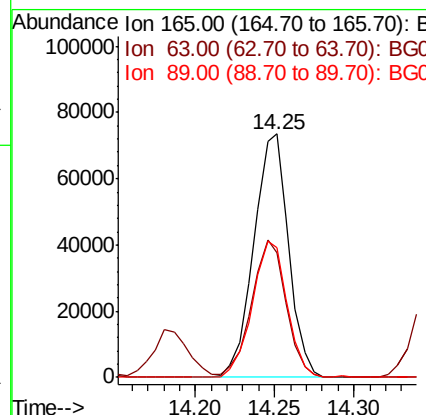
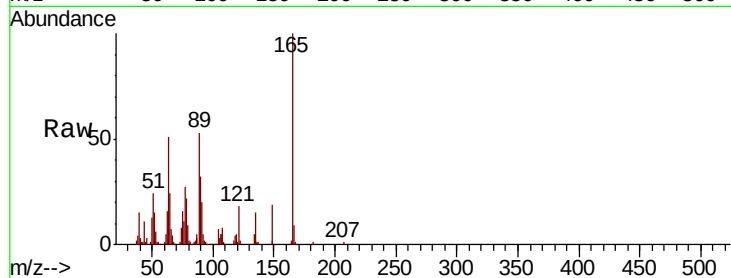
#51
2,6-Dinitrotoluene
Concen: 45.505 ng
RT: 14.25 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.1	50.3	75.5
89	53.4	48.9	73.3

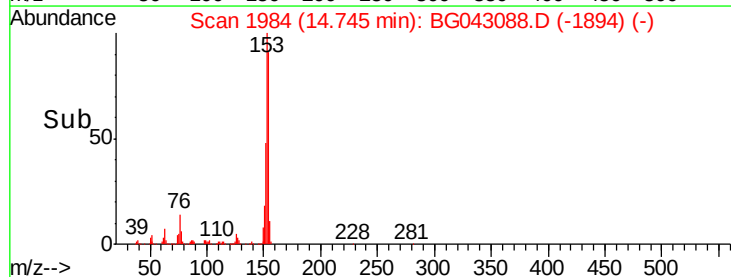
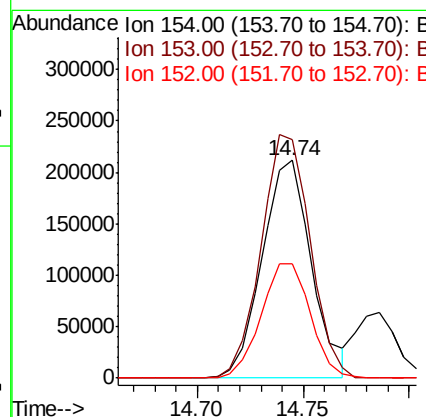
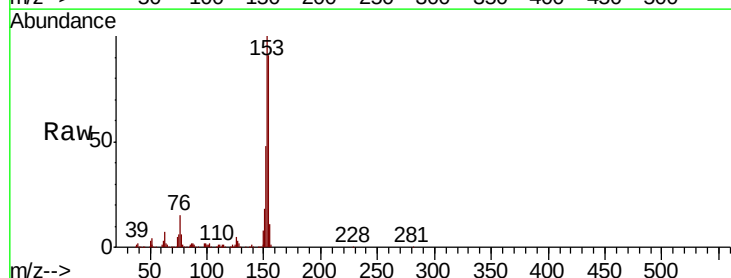
Manual Integrations
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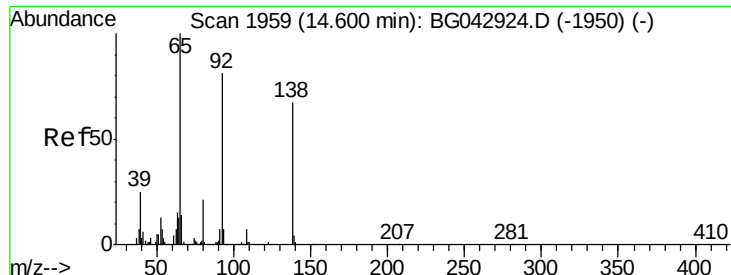
mohammad
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#52
Acenaphthene
Concen: 38.321 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.7	91.4	137.0
152	52.6	42.8	64.2





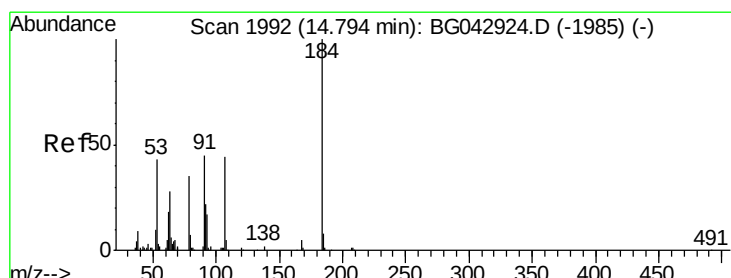
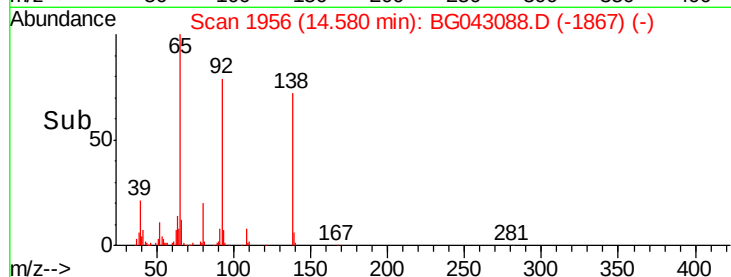
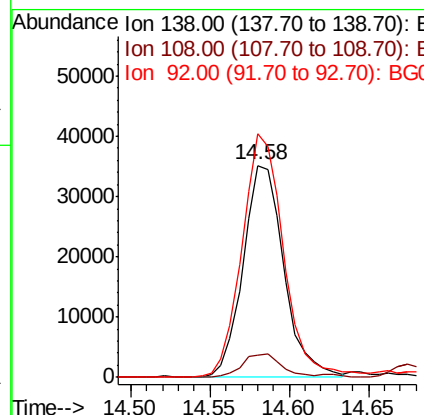
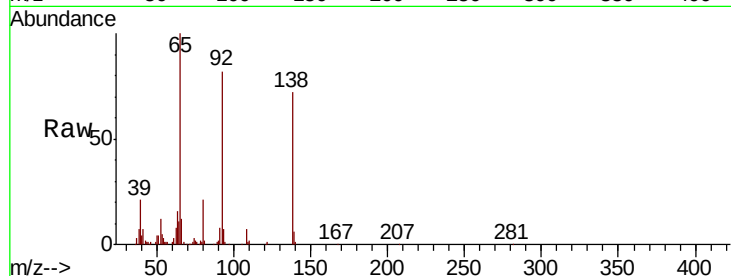
#53
 3-Nitroaniline
 Concen: 24.737 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG043088.D
 Acq: 8 Oct 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.9	11.9
92	115.0	97.0	145.6

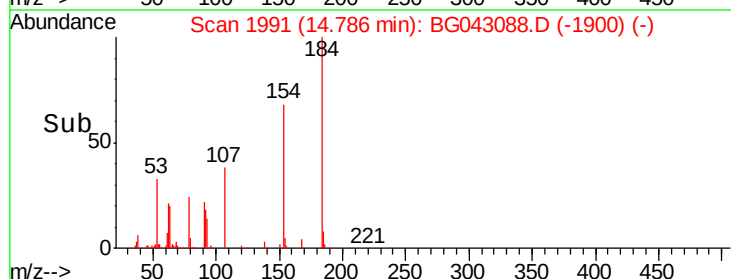
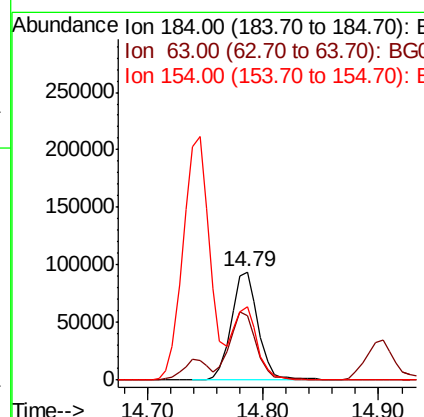
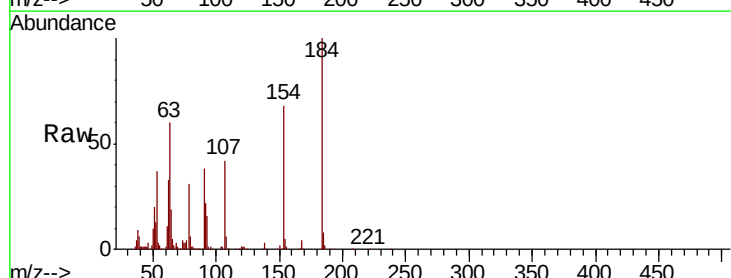
Manual Integrations
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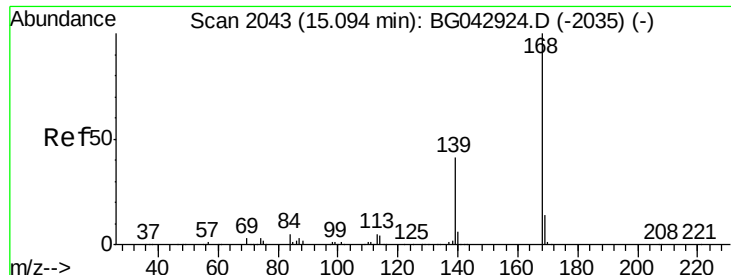
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#54
 2,4-Dinitrophenol
 Concen: 98.849 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: BG043088.D
 Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.9	55.0	82.6
154	68.2	56.5	84.7





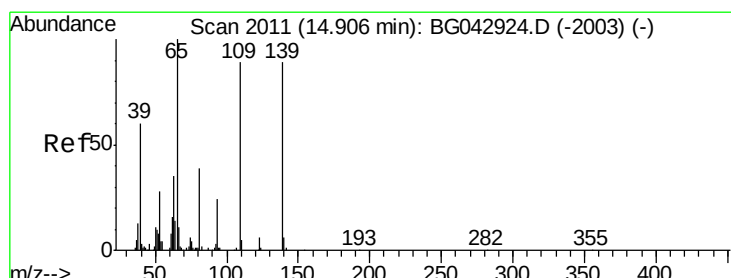
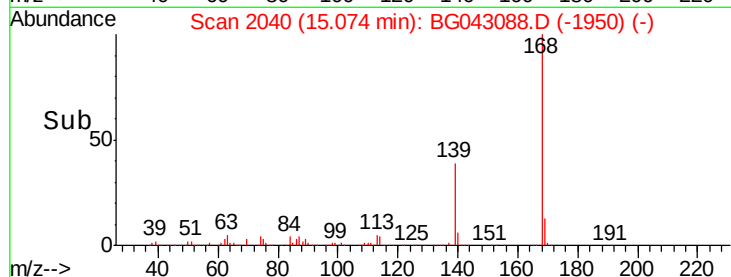
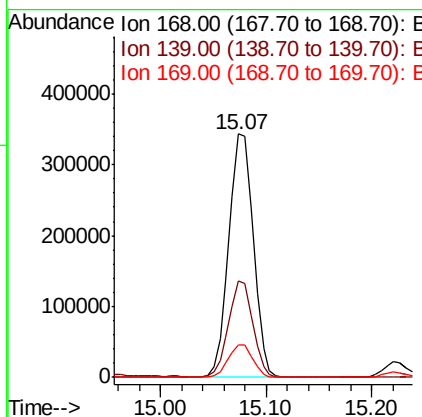
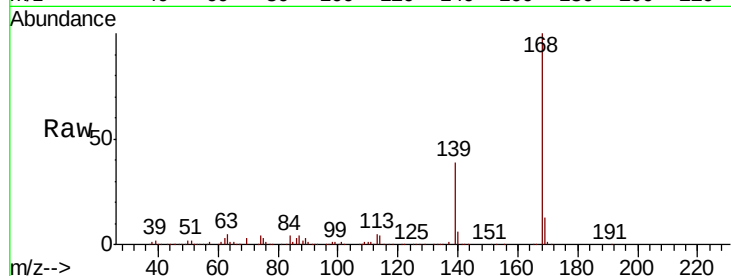
#55
Dibenzofuran
Concen: 41.575 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	32.6	48.8
169	13.3	11.2	16.8

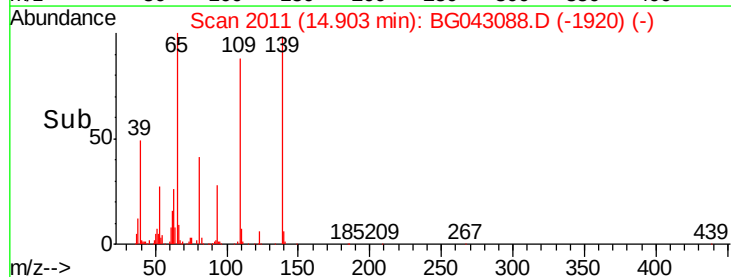
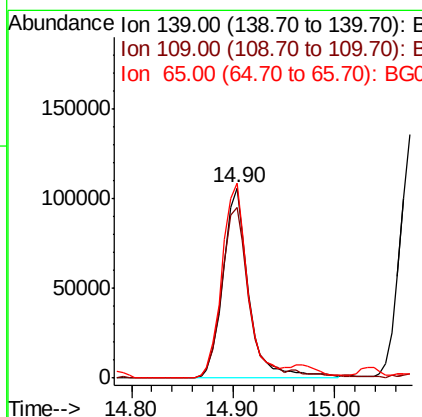
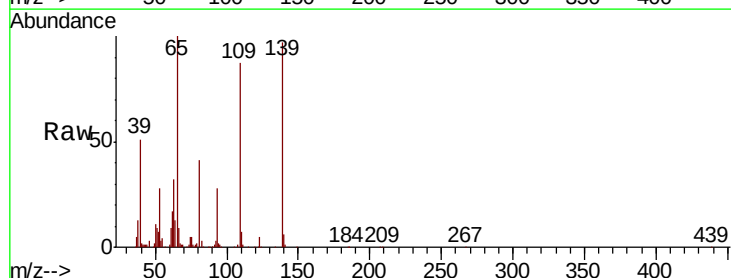
Manual Integrations
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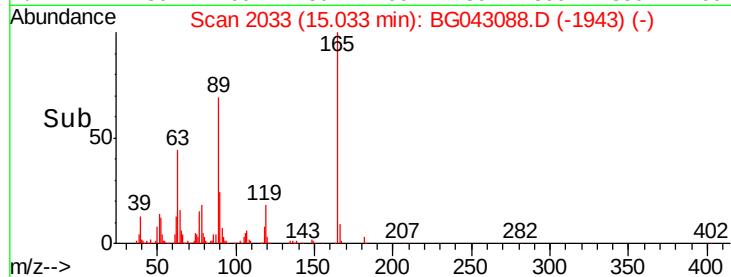
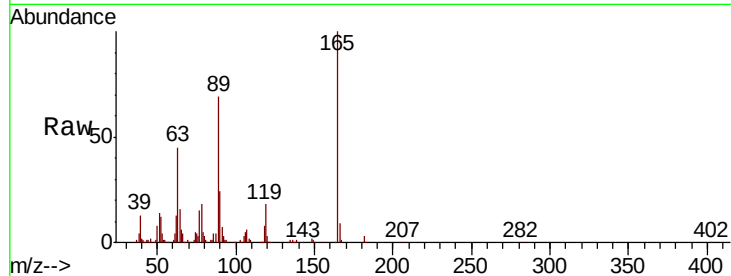
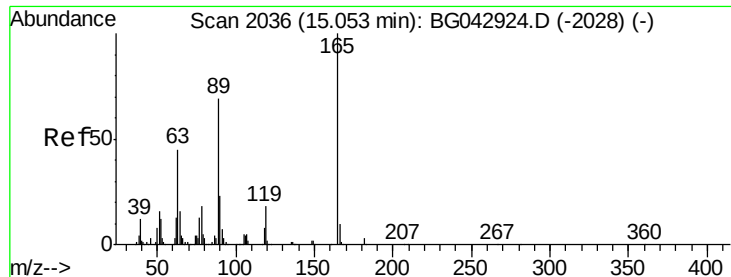
mohammad
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#56
4-Nitrophenol
Concen: 96.830 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.6	79.4	119.4
65	102.8	92.5	132.5





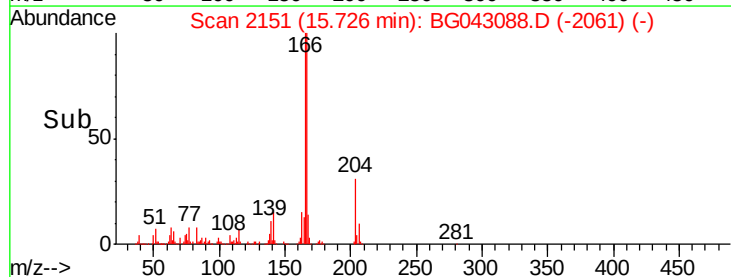
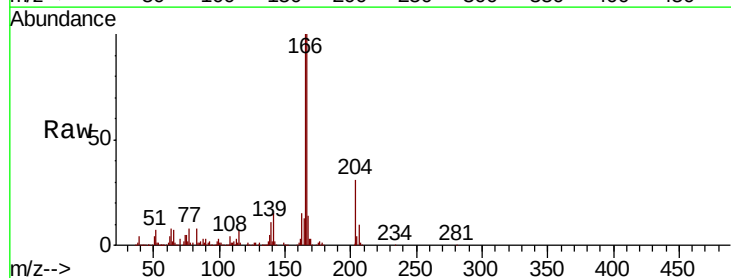
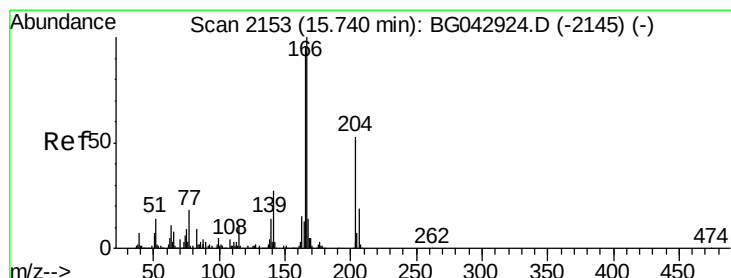
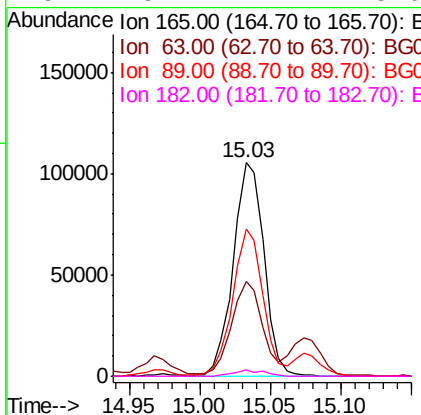
#57
2,4-Dinitrotoluene
Concen: 44.470 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	160255		
63	44.6	36.5	54.7	
89	68.9	55.5	83.3	
182	3.1	2.4	3.6	

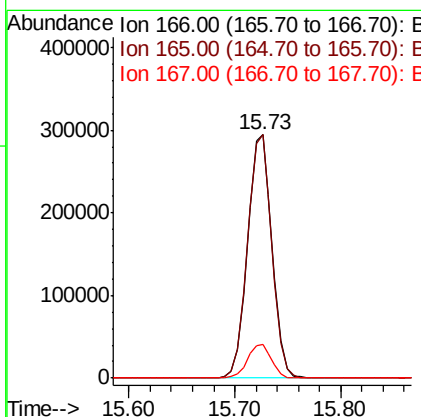
Manual Integrations
APPROVED

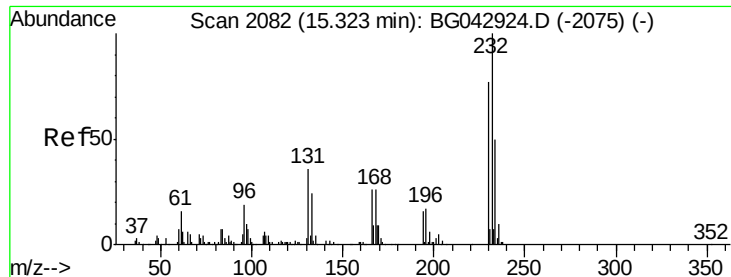
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#58
Fluorene
Concen: 41.683 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	472786		
165	99.9	77.1	115.7	
167	13.8	11.0	16.6	





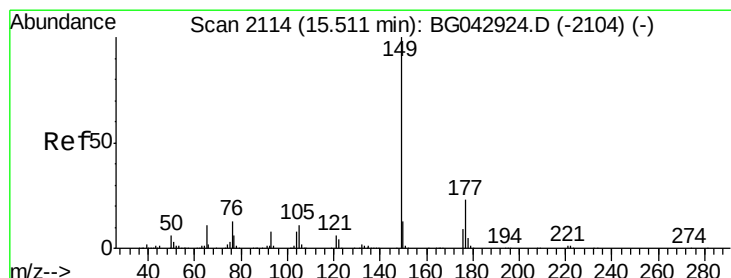
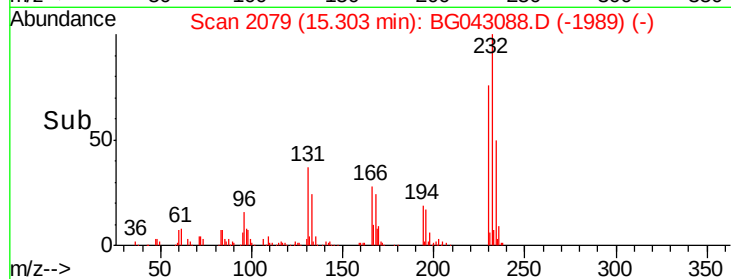
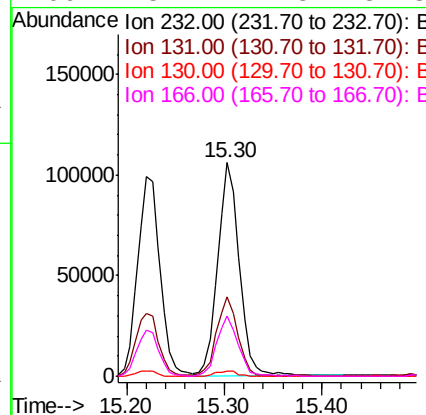
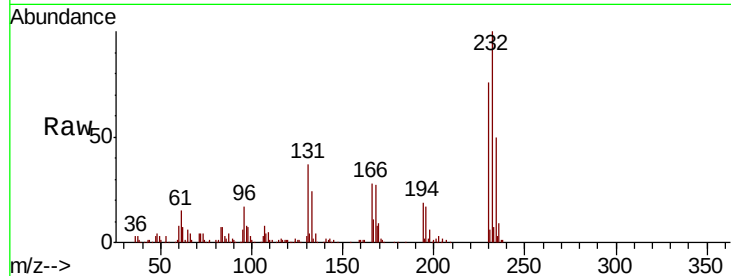
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.499 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: BG043088.D
 Acq: 8 Oct 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.3	29.6	44.4
130	2.4	1.9	2.9
166	28.4	21.8	32.8

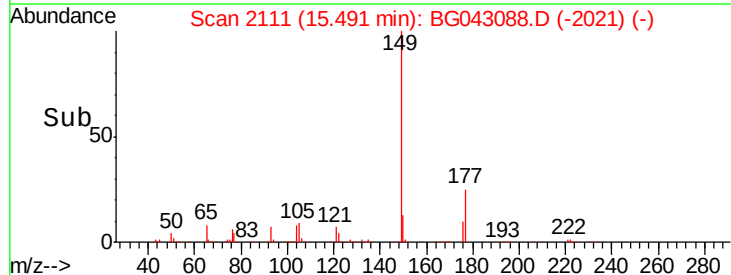
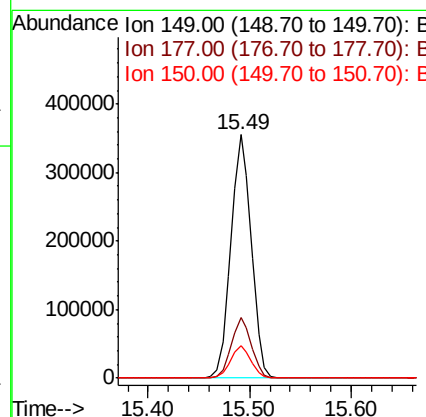
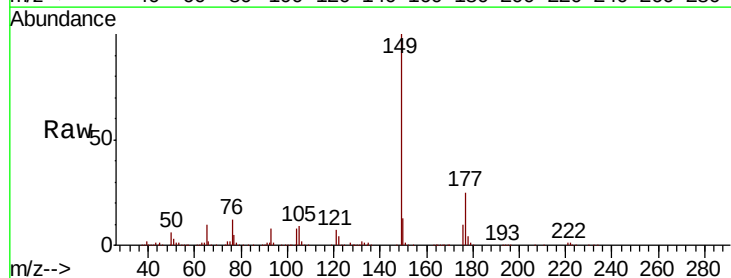
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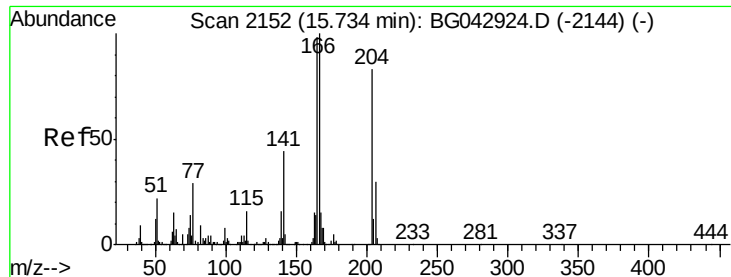
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#60
 Diethylphthalate
 Concen: 42.037 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BG043088.D
 Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.8	28.2
150	13.4	10.6	15.8





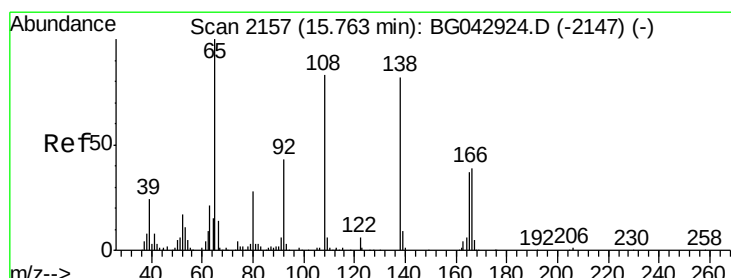
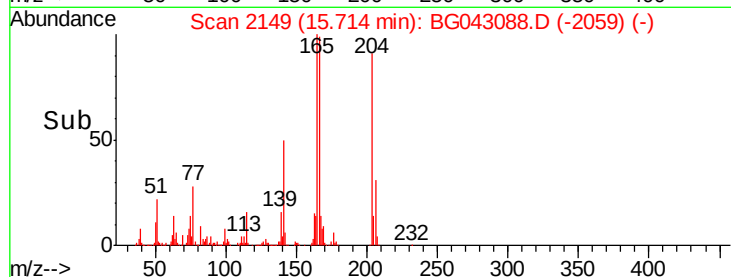
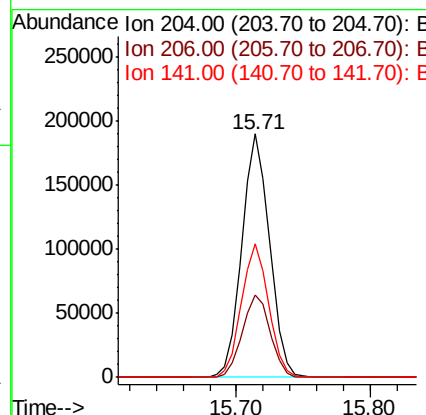
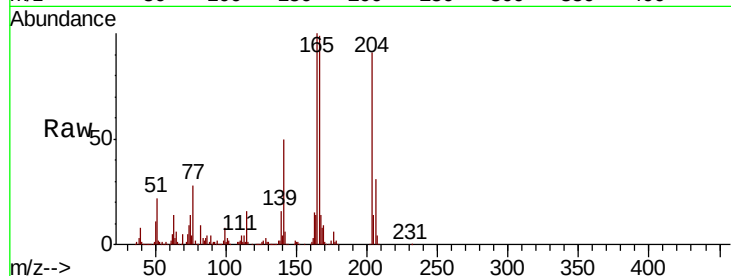
#61
4-Chlorophenyl-phenylether
Concen: 39.866 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	28.5	42.7
141	54.8	42.4	63.6

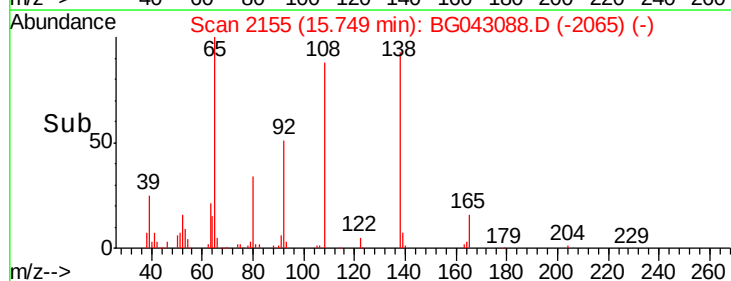
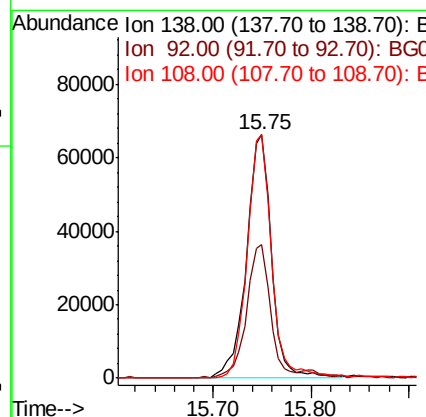
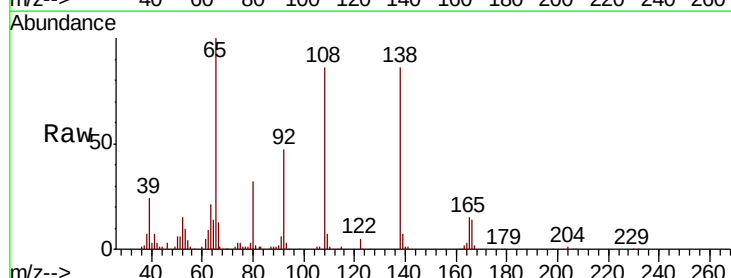
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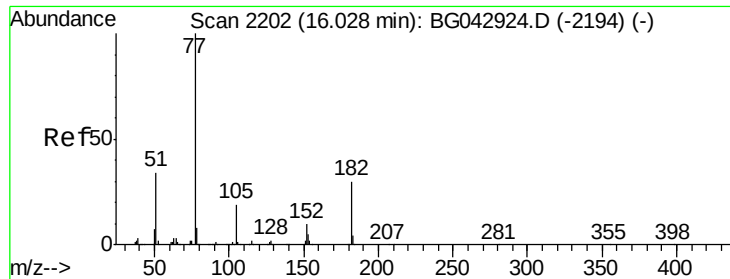
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#62
4-Nitroaniline
Concen: 42.877 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.9	32.9	72.9
108	100.2	81.3	121.3





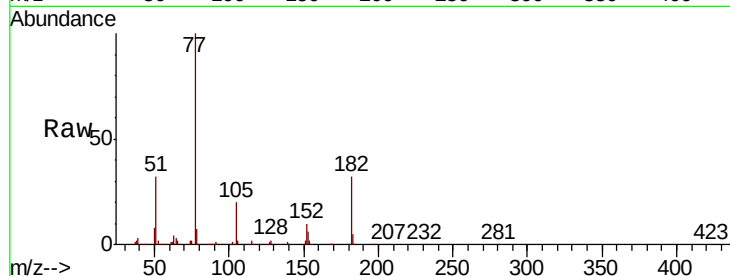
#63
Azobenzene
Concen: 38.926 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

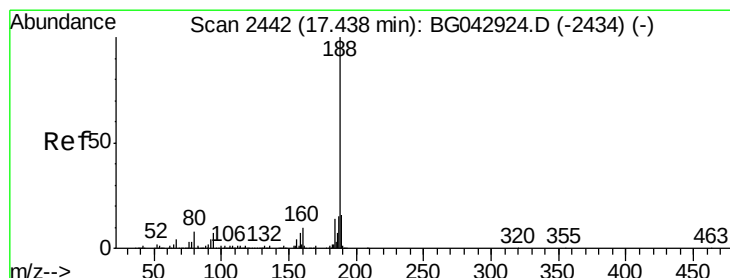
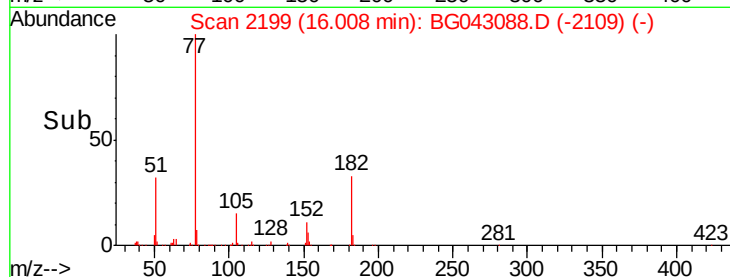
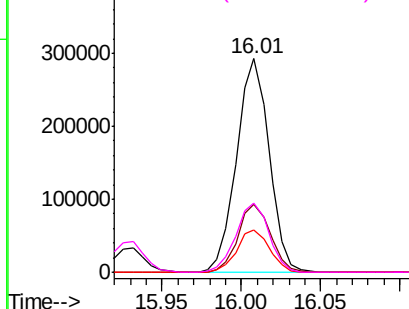
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.0	10.2	50.2	
105	19.5	0.0	39.1	
51	32.4	13.9	53.9	

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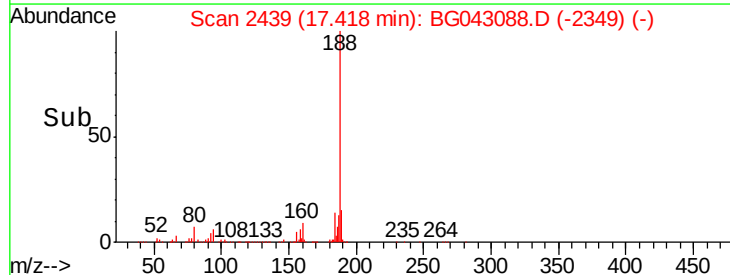
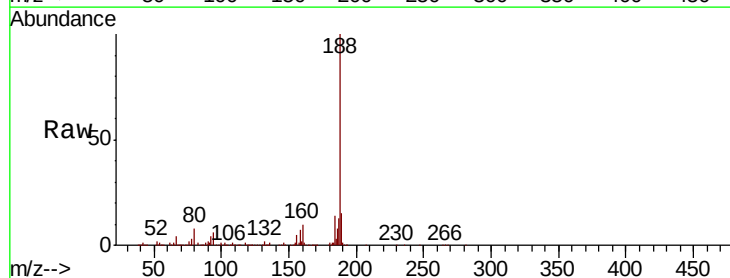
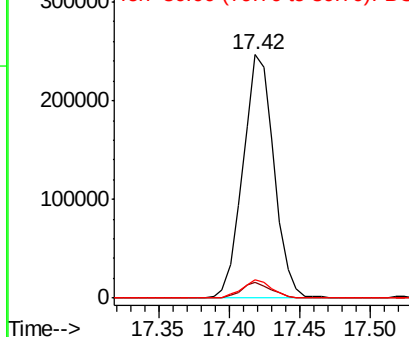
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

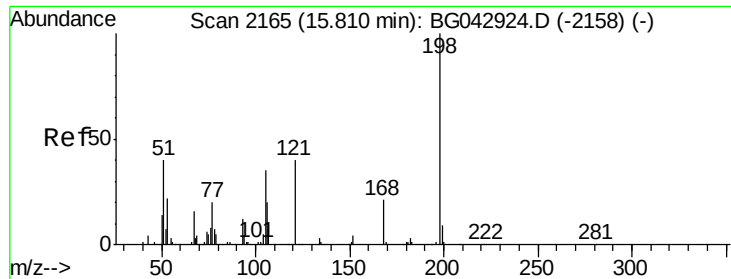


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.4	5.7	8.5	
80	7.6	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





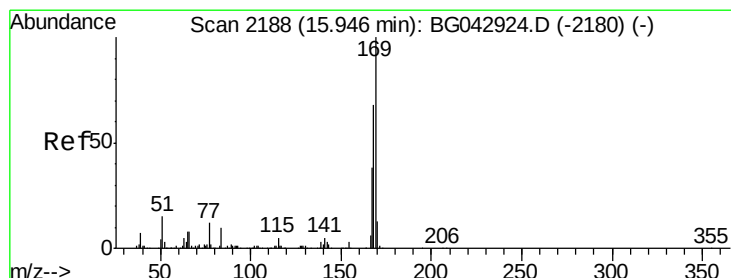
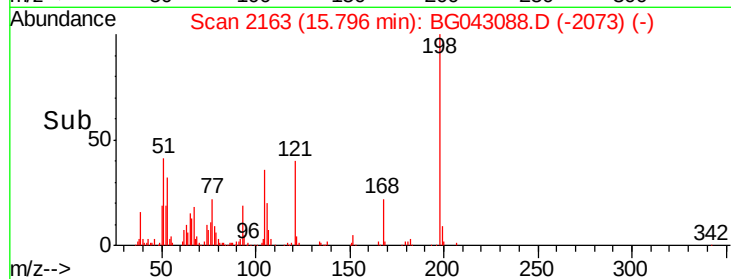
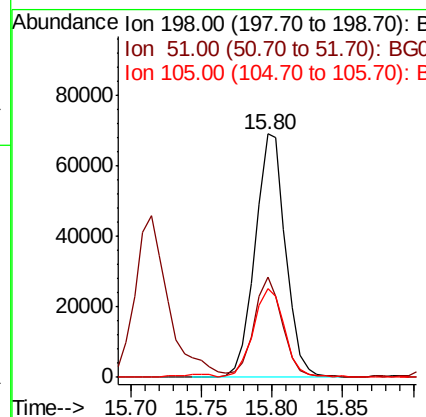
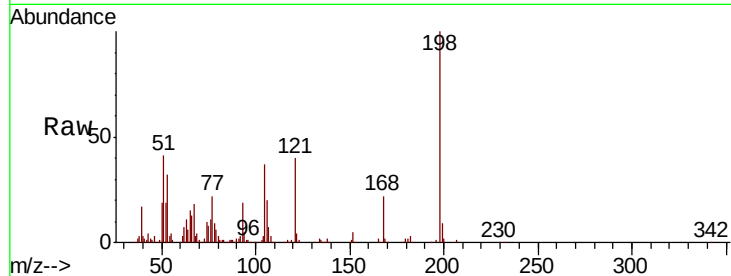
#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.011 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BG043088.D
 Acq: 8 Oct 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	105006		
51	41.1		25.3	65.3
105	36.5		16.6	56.6

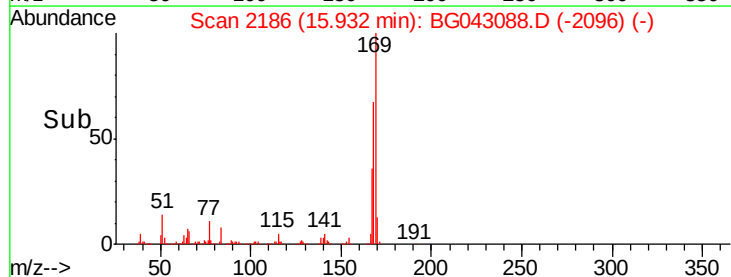
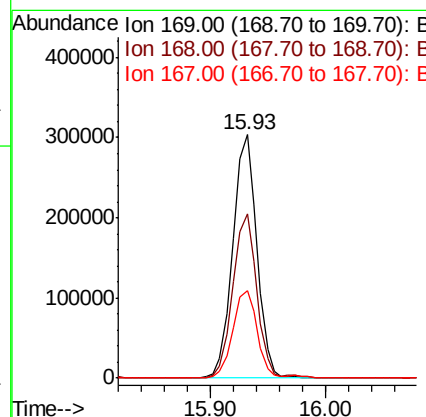
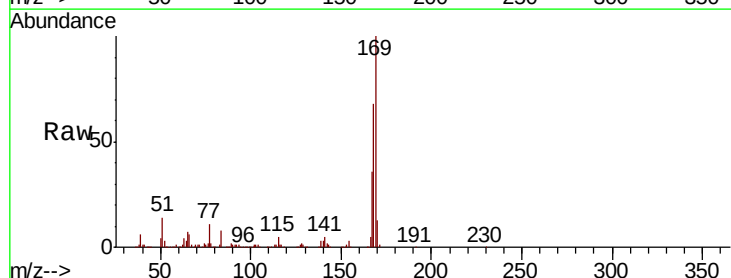
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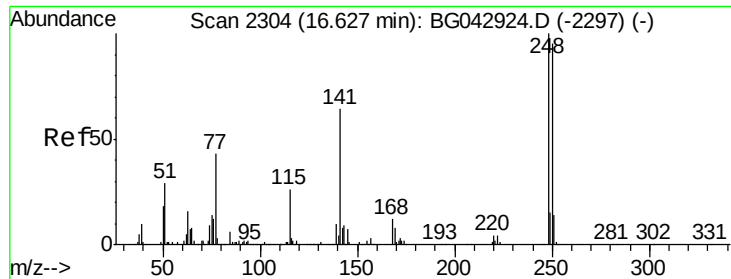
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#66
 n-Nitrosodiphenylamine
 Concen: 43.699 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG043088.D
 Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	436784		
168	67.5		54.8	82.2
167	36.0		30.6	46.0





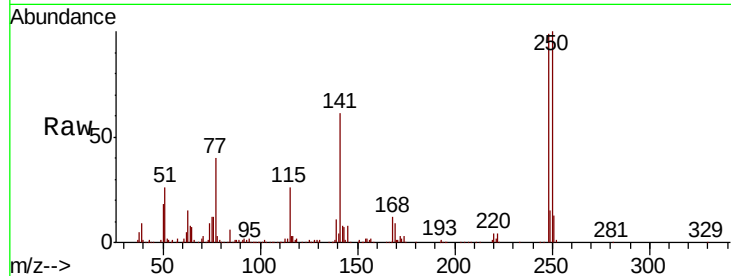
#67
4-Bromophenyl-phenylether
Concen: 41.414 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.7	75.8	113.8
141	61.8	51.1	76.7

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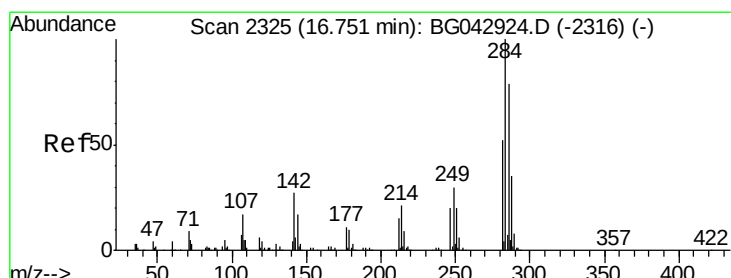
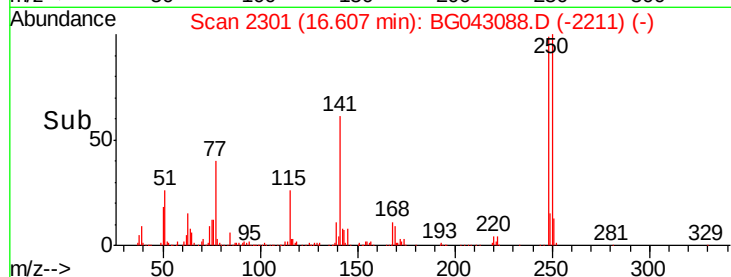
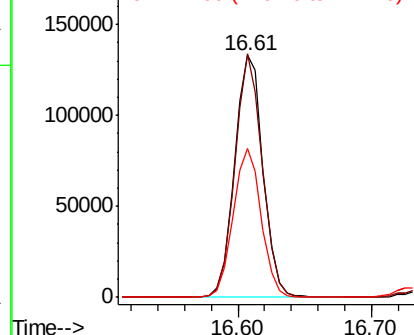


Abundance

Ion 248.00 (247.70 to 248.70): E

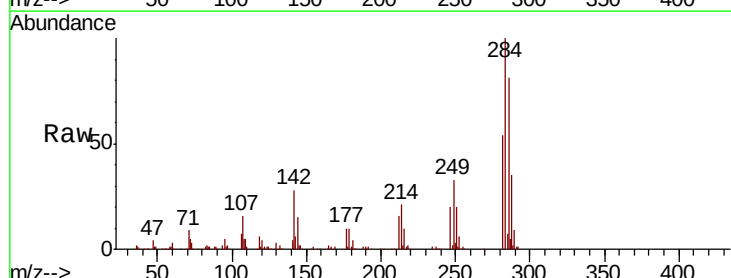
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.390 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	21.6	32.4
249	32.7	24.1	36.1

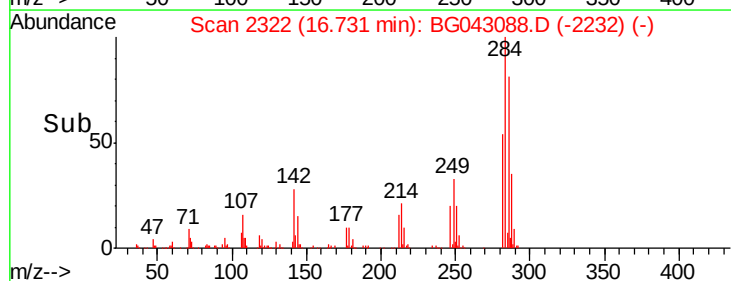
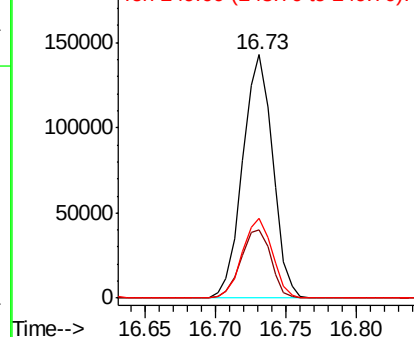


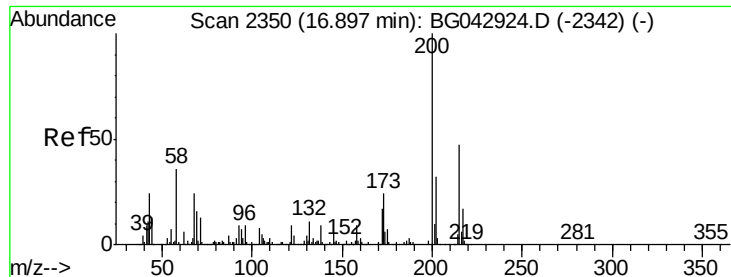
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





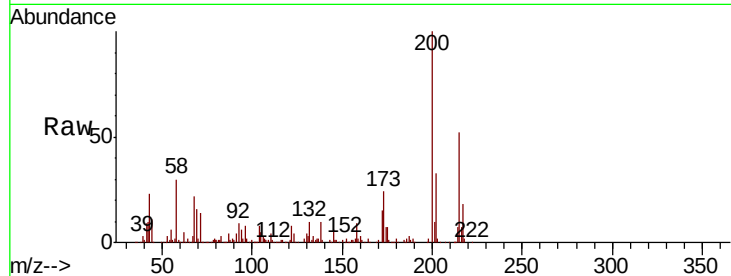
#69
Atrazine
Concen: 40.199 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	4.0	44.0
215	51.7	27.4	67.4

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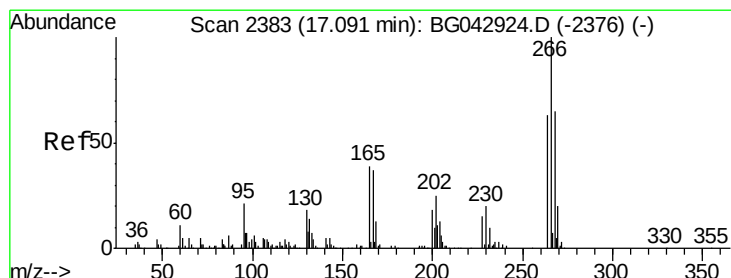
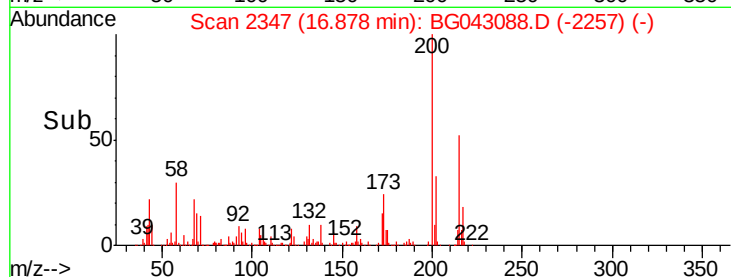
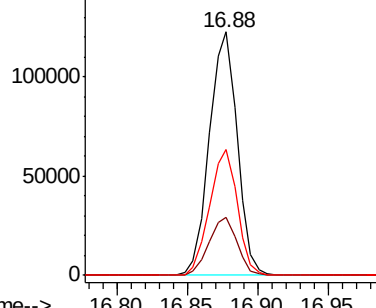


Abundance

Ion 200.00 (199.70 to 200.70): E

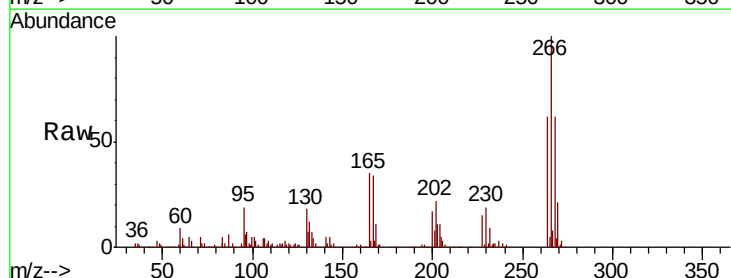
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 95.021 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	52.2	78.2
264	62.2	50.7	76.1

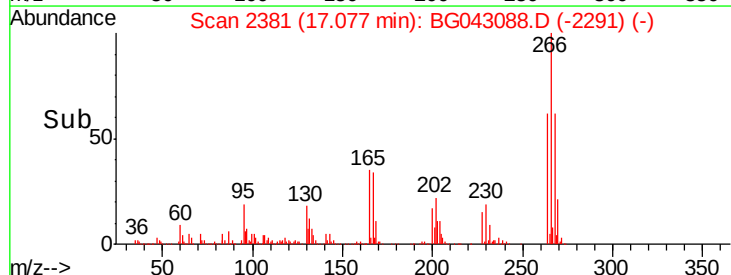
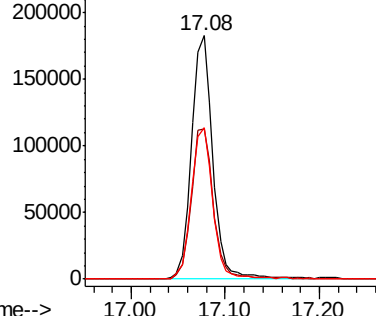


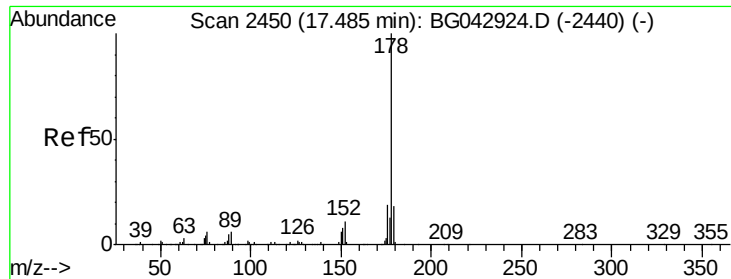
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





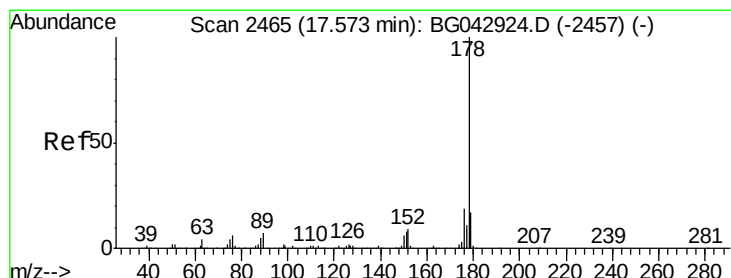
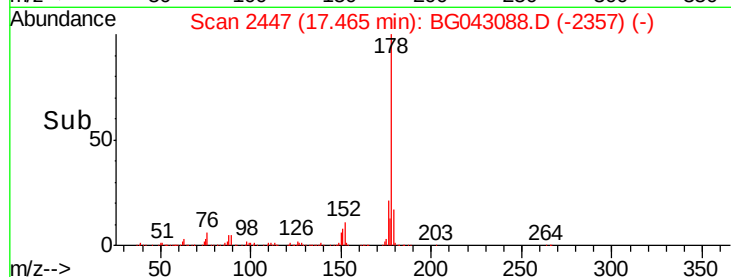
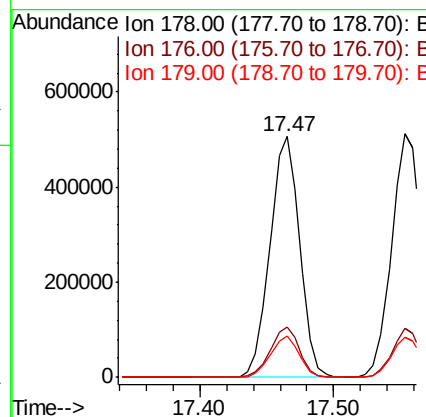
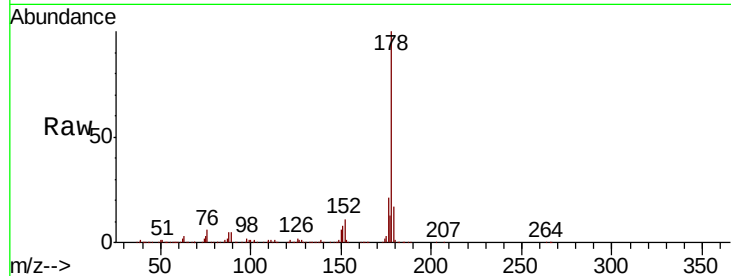
#71
Phenanthrene
Concen: 42.323 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.1	22.7
179	17.4	14.1	21.1

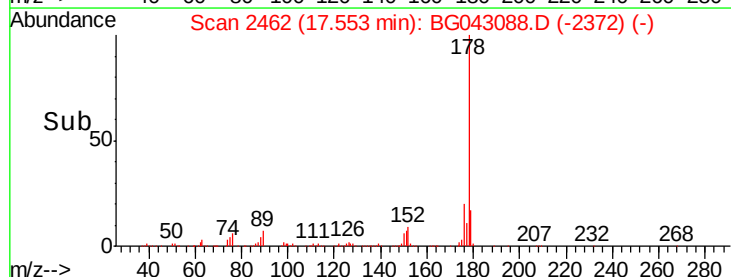
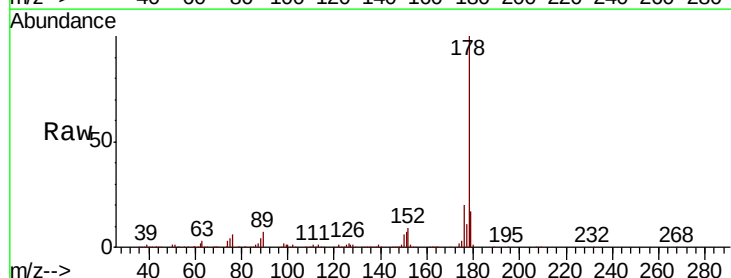
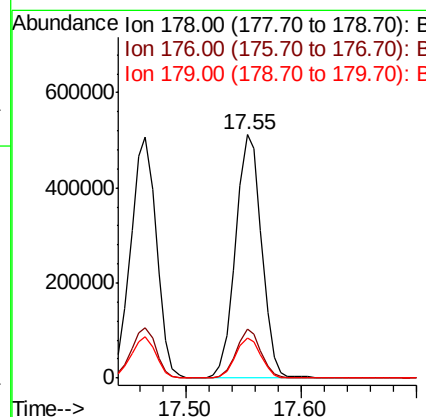
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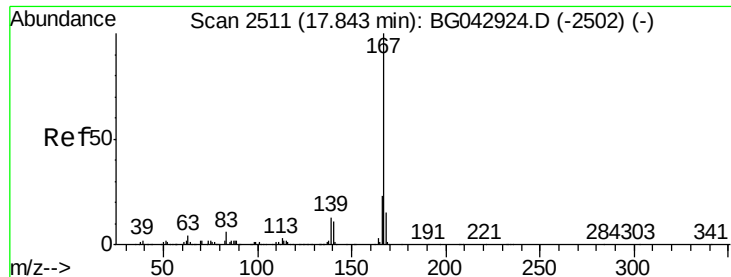
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#72
Anthracene
Concen: 43.224 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	16.5	13.5	20.3





#73

Carbazole

Concen: 44.162 ng

RT: 17.82 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Instrument :

BNA_G

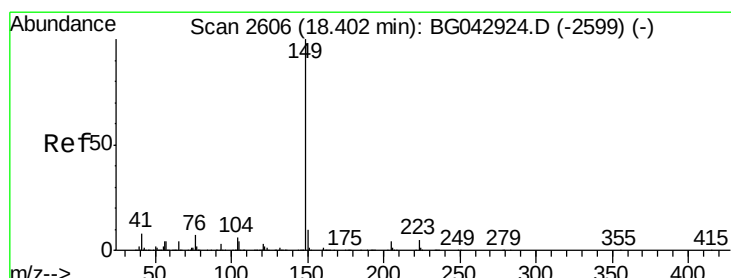
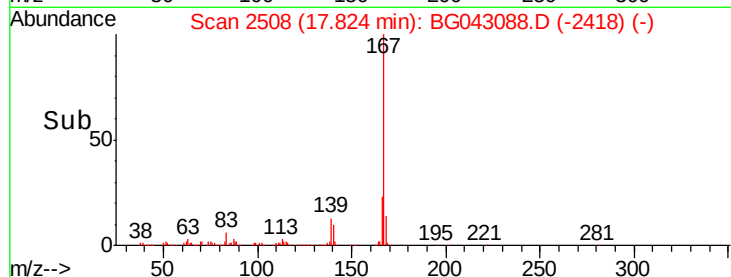
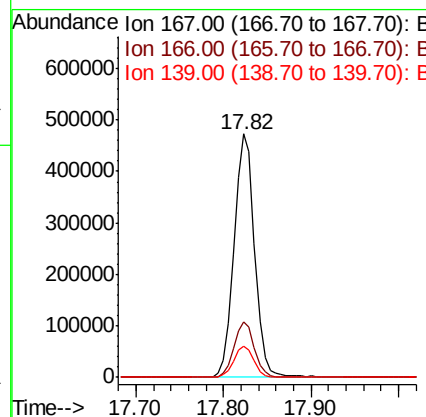
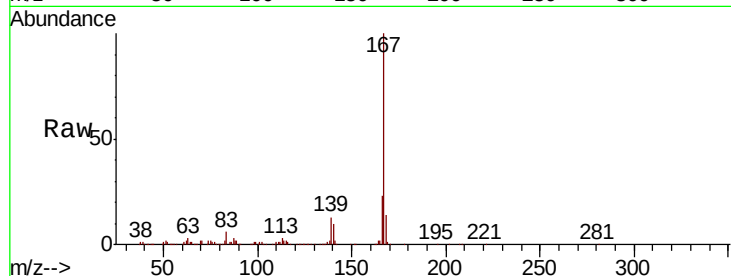
ClientSampleId :

HR-05-100219MSD

Tot Ion:	167	Resp:	755711
Ion Ratio	Lower	Upper	
167	100		
166	23.0	18.6	28.0
139	13.0	10.8	16.2

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#74

Di-n-butylphthalate

Concen: 42.392 ng

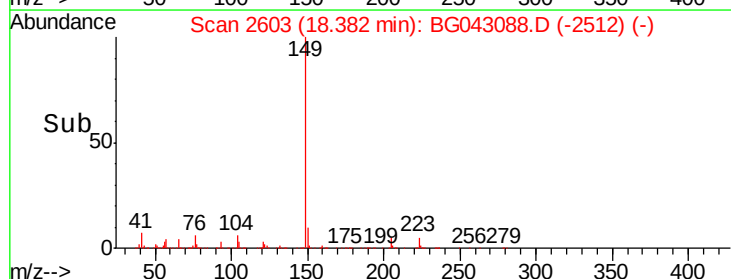
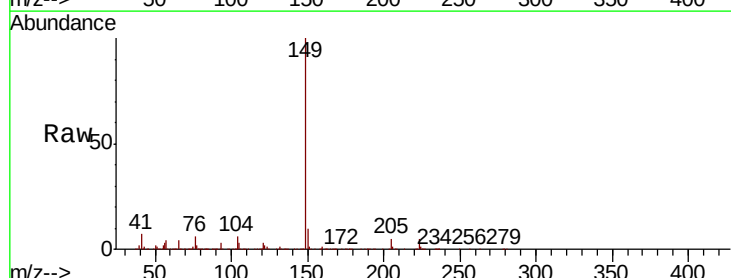
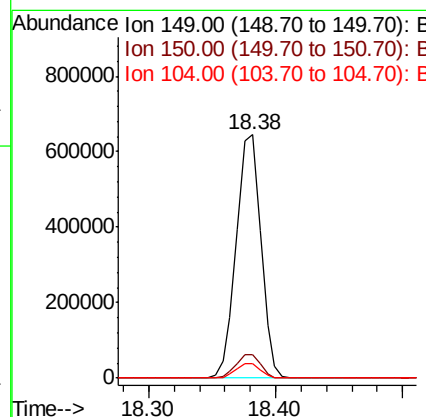
RT: 18.38 min Scan# 2603

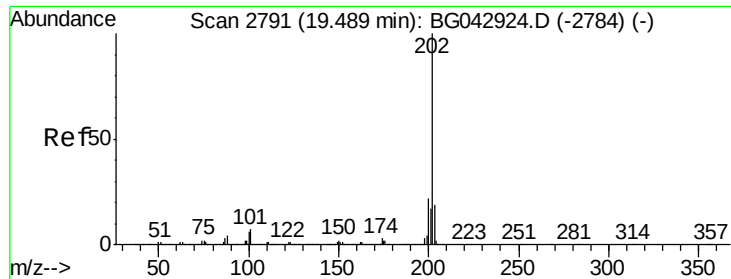
Delta R.T. 0.01 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Tgt Ion:	149	Resp:	865518
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.7	11.5
104	5.9	5.0	7.6





#75

Fluoranthene

Concen: 42.930 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Instrument :

BNA_G

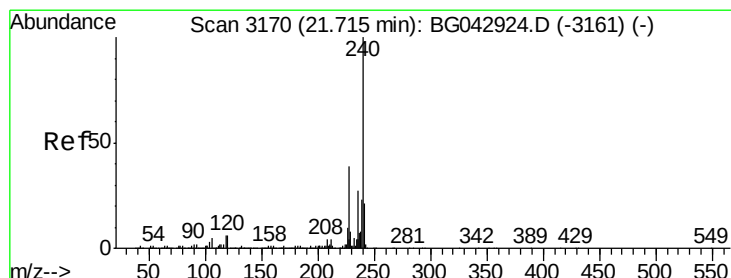
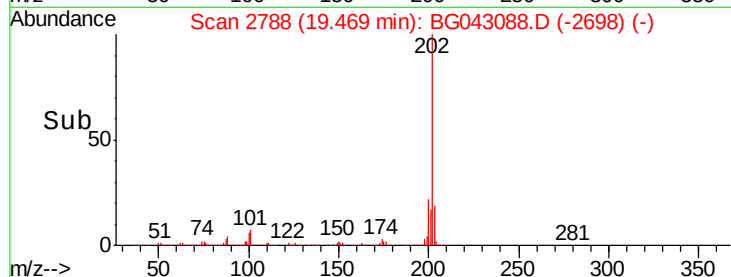
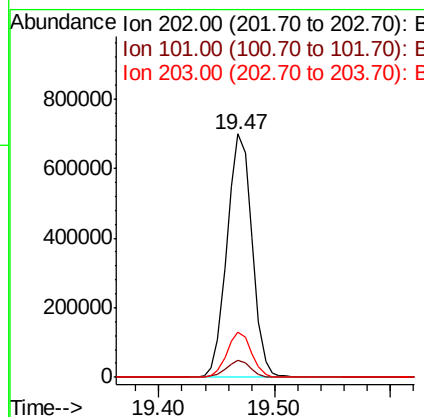
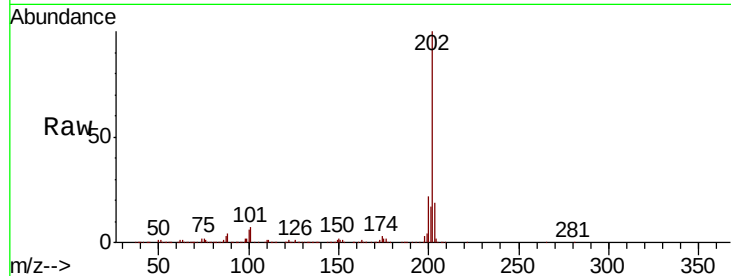
ClientSampleId :

HR-05-100219MSD

Tot Ion:	202	Resp:	1049595
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	27.3
203	18.8	0.0	39.5

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#76

Chrysene-d12

Concen: 20.000 ng

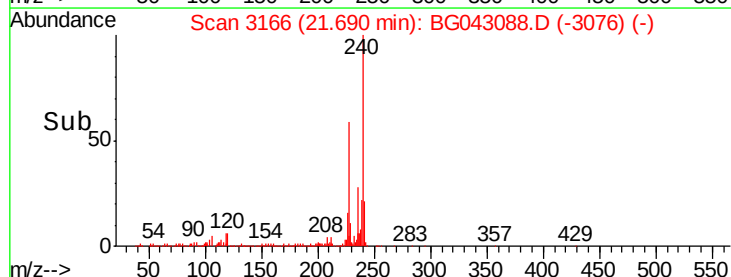
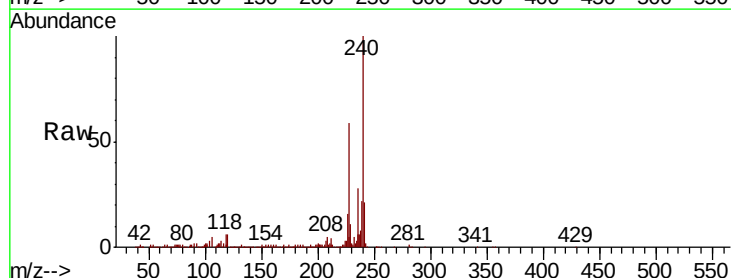
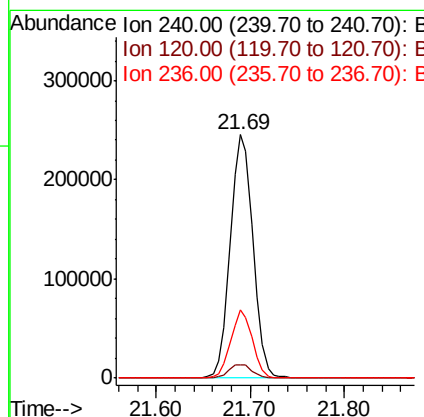
RT: 21.69 min Scan# 3166

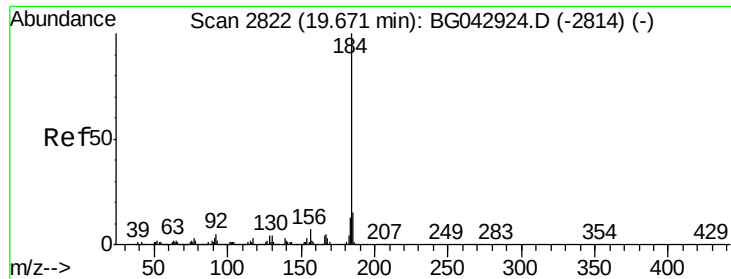
Delta R.T. -0.00 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Tgt Ion:	240	Resp:	411060
Ion Ratio	Lower	Upper	
240	100		
120	5.6	4.8	7.2
236	28.1	21.4	32.0





#77

Benzidine

Concen: 2.311 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.01 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Instrument :

BNA_G

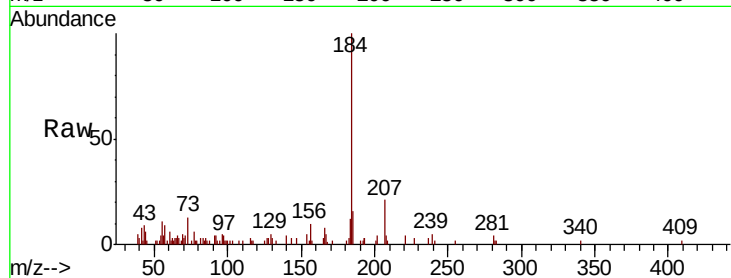
ClientSampleId :

HR-05-100219MSD

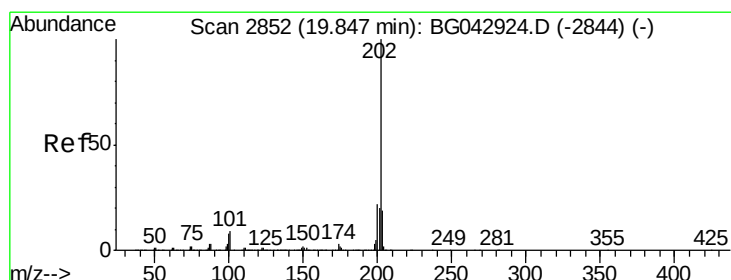
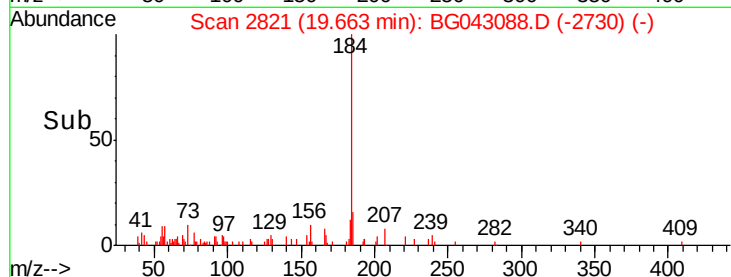
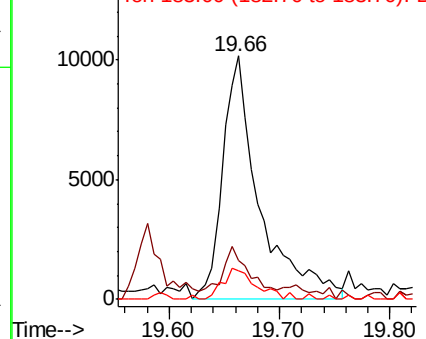
Tot Ion:	184	Resp:	23784
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.8	17.8
183	11.6	10.1	15.1

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



#78

Pyrene

Concen: 43.334 ng

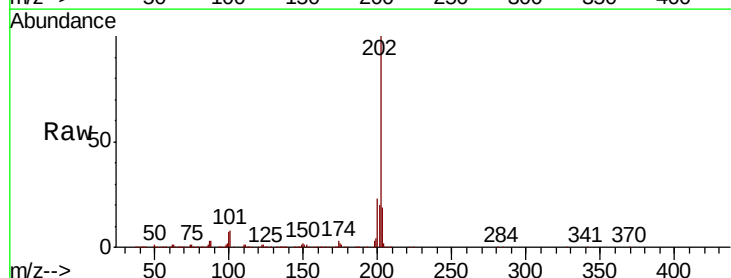
RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

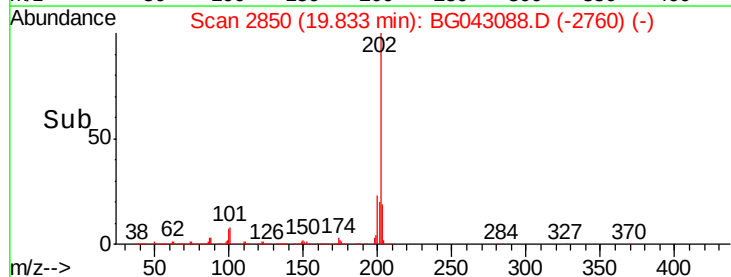
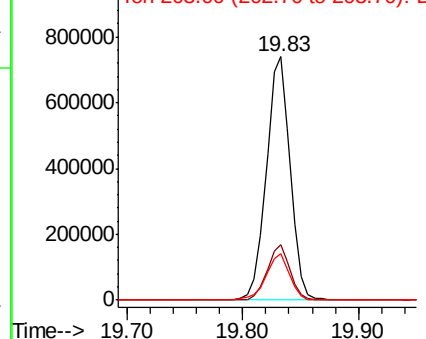
Lab File: BG043088.D

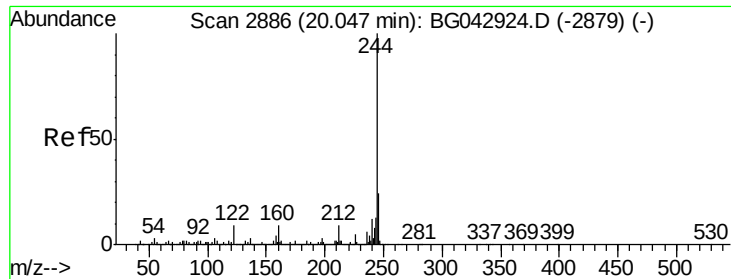
Acq: 8 Oct 2019 16:44

Tgt Ion:	202	Resp:	1063178
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.6	26.4
203	18.8	15.2	22.8



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





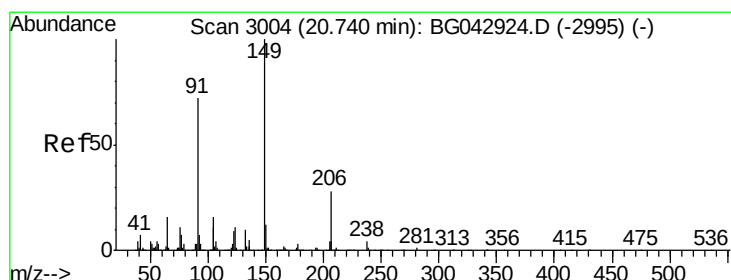
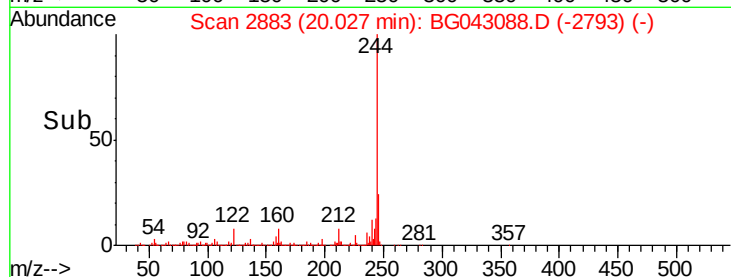
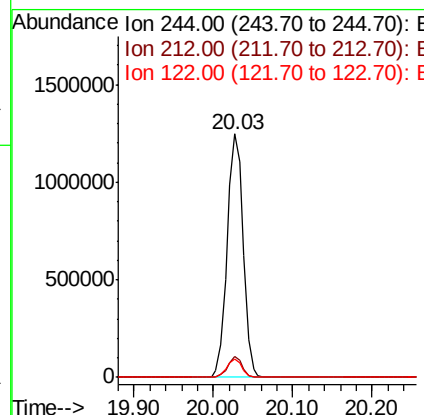
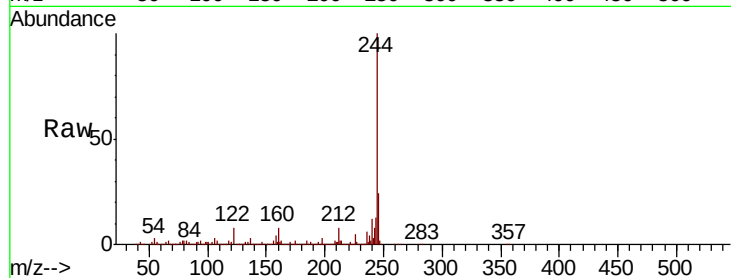
#79
 Terphenyl-d14
 Concen: 90.231 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BG043088.D
 Acq: 8 Oct 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tot Ion:244 Resp: 1740621
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.4 11.0
 122 7.7 7.0 10.4

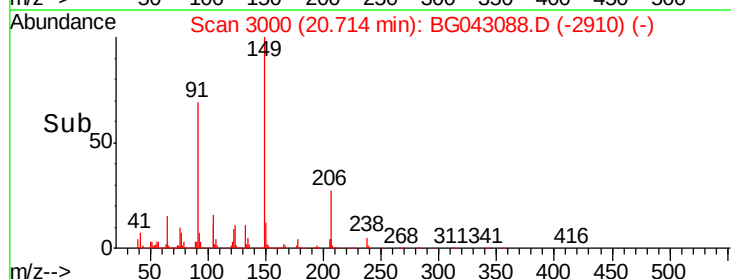
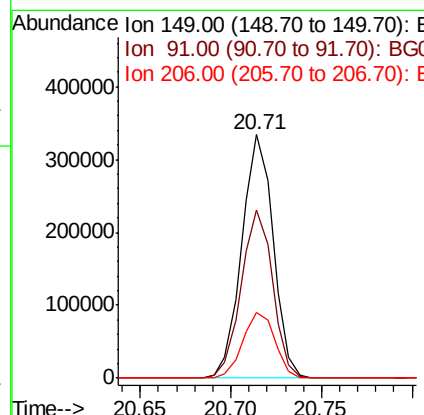
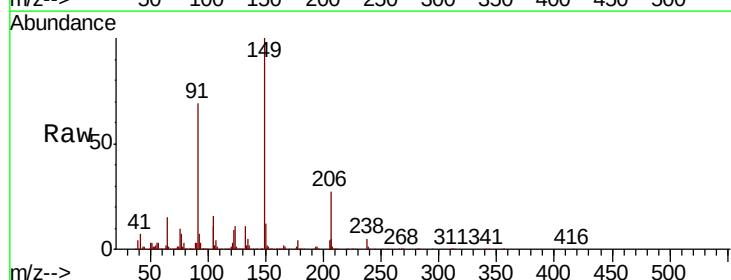
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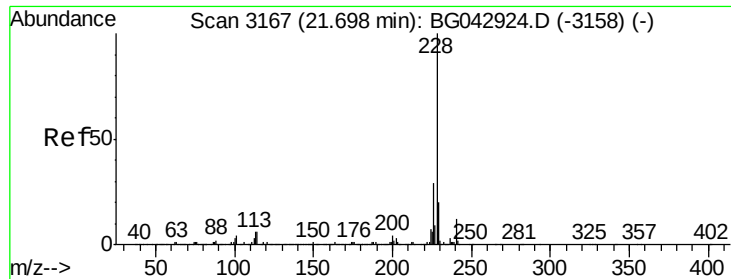
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.344 ng
 RT: 20.71 min Scan# 3000
 Delta R.T. -0.00 min
 Lab File: BG043088.D
 Acq: 8 Oct 2019 16:44

Tgt Ion:149 Resp: 403656
 Ion Ratio Lower Upper
 149 100
 91 68.9 57.7 86.5
 206 27.0 22.6 33.8





#81

Benzo(a)anthracene

Concen: 42.681 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

Tot Ion:228 Resp: 1093188

Ion Ratio Lower Upper

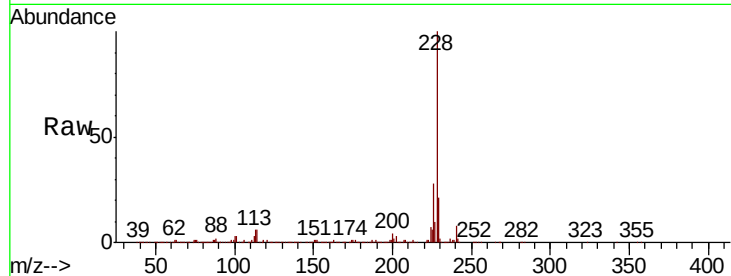
228 100

226 28.3 23.0 34.4

229 21.1 16.3 24.5

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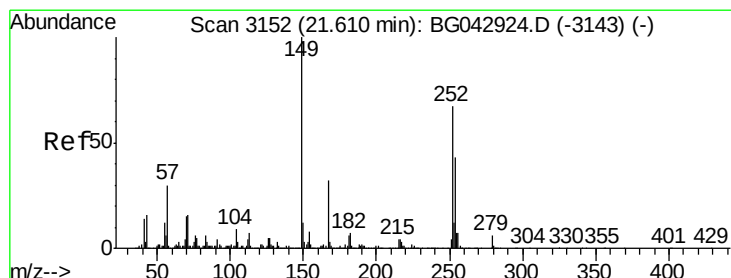
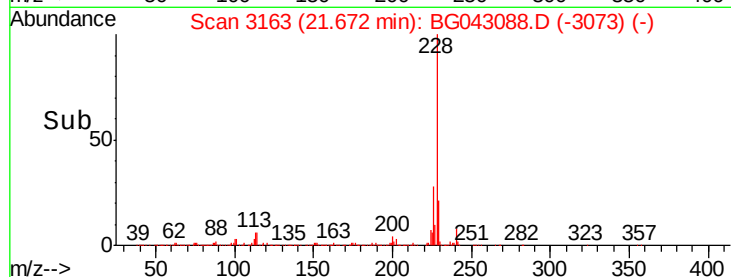
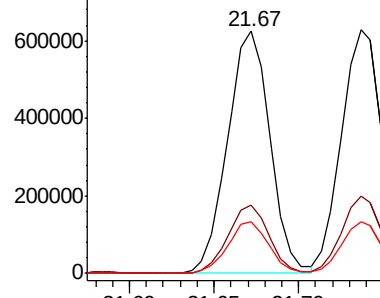


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.206 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG043088.D

Acq: 8 Oct 2019 16:44

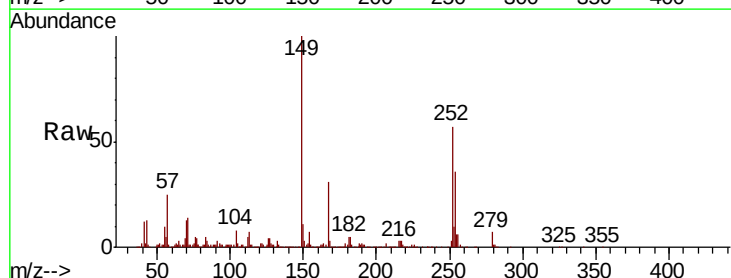
Tgt Ion:252 Resp: 313480

Ion Ratio Lower Upper

252 100

254 63.7 51.9 77.9

126 6.9 6.1 9.1

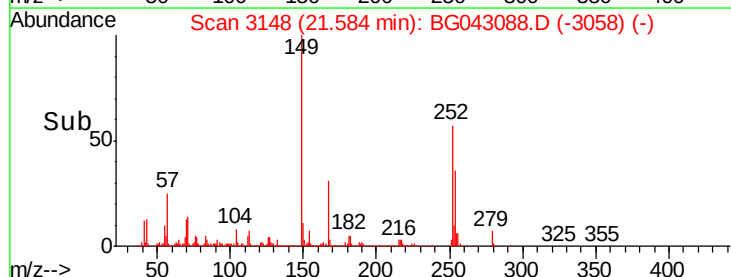
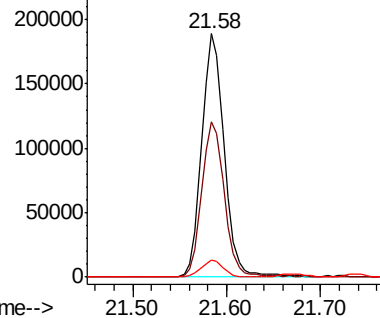


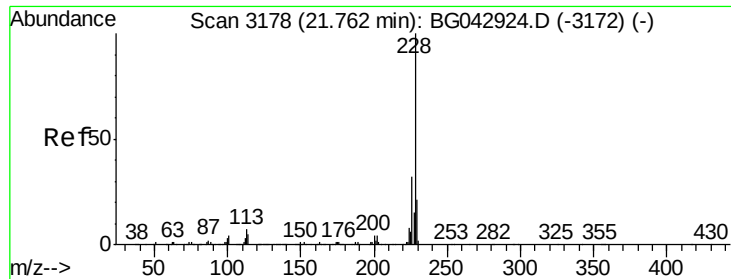
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





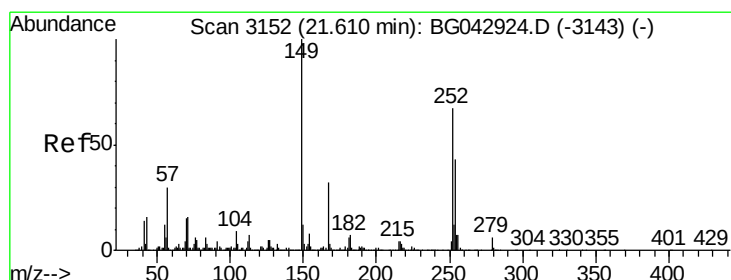
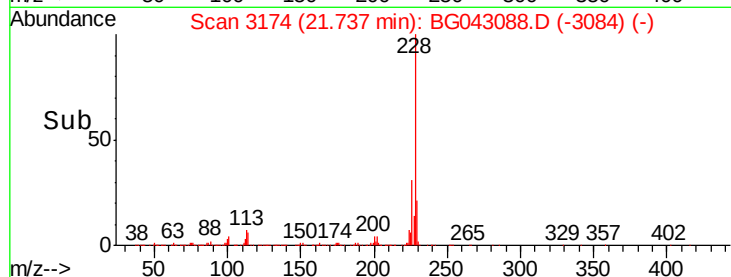
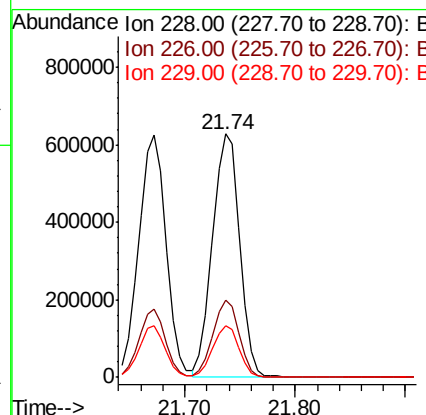
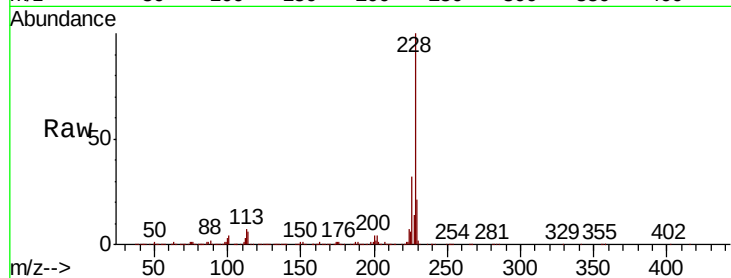
#83
Chrysene
Concen: 42.597 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion:228 Resp: 1058756
Ion Ratio Lower Upper
228 100
226 31.5 25.6 38.4
229 21.3 16.9 25.3

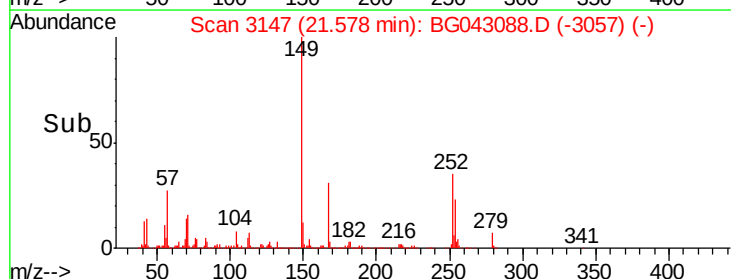
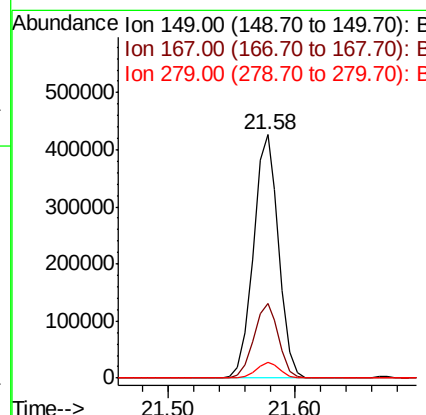
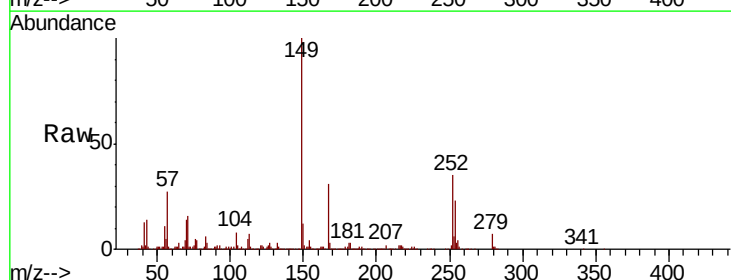
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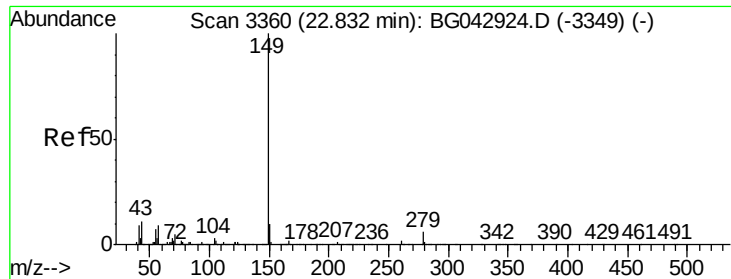
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.196 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion:149 Resp: 585665
Ion Ratio Lower Upper
149 100
167 30.9 25.4 38.2
279 6.6 5.1 7.7





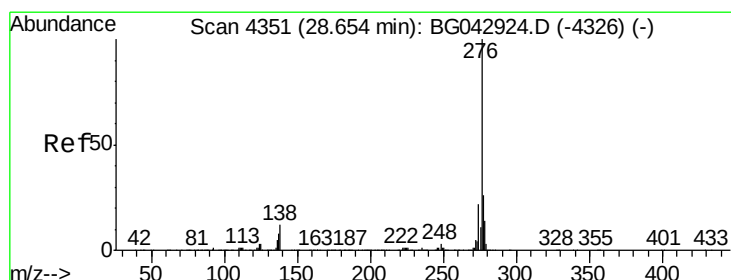
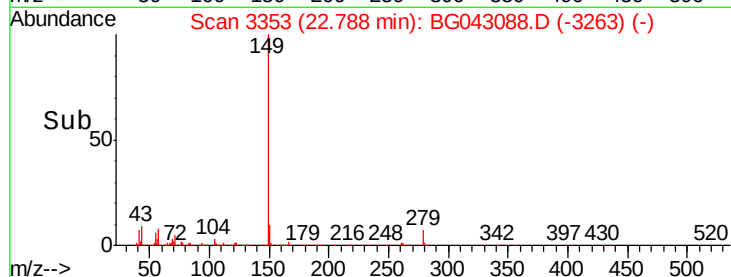
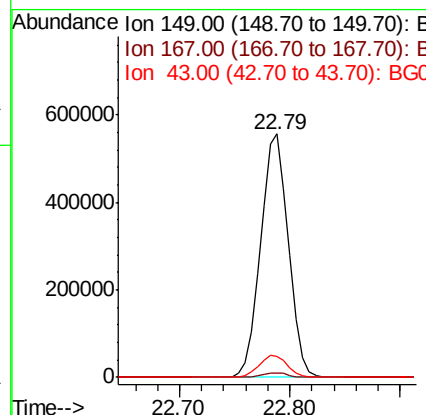
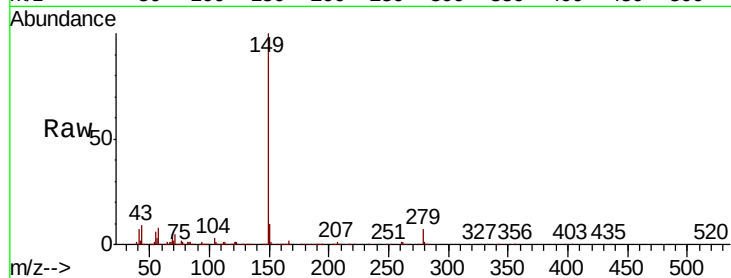
#85
Di-n-octyl phthalate
Concen: 45.293 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	9.0	8.7	13.1

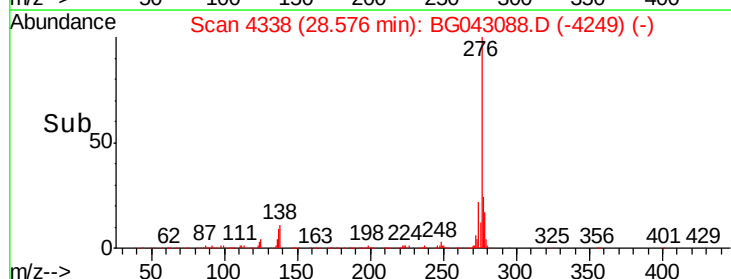
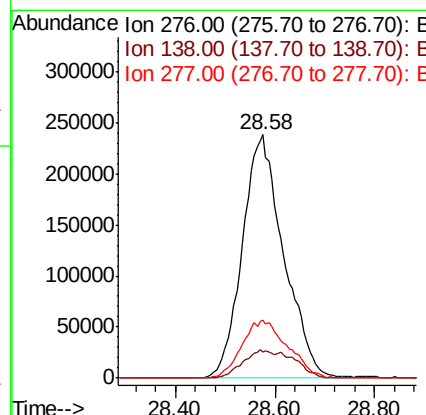
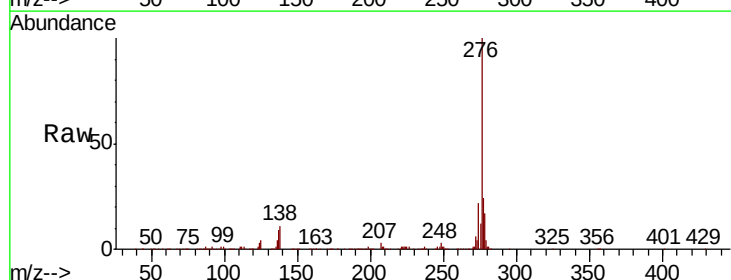
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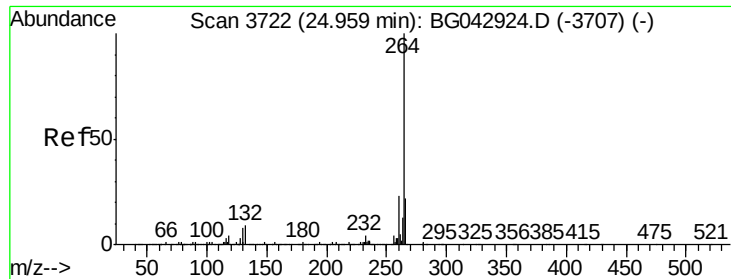
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.317 ng
RT: 28.58 min Scan# 4338
Delta R.T. -0.01 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.5	7.0	10.6
277	26.2	20.9	31.3





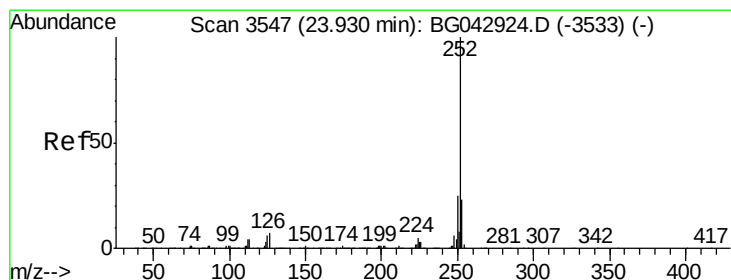
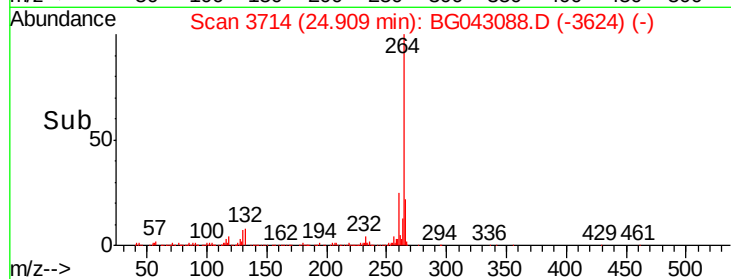
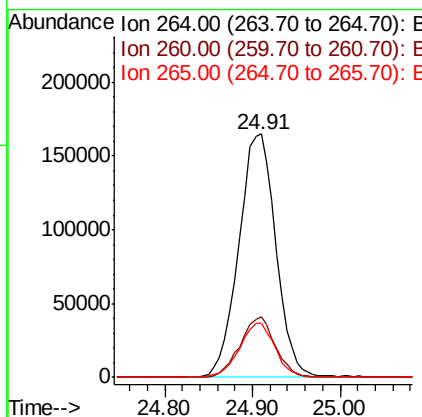
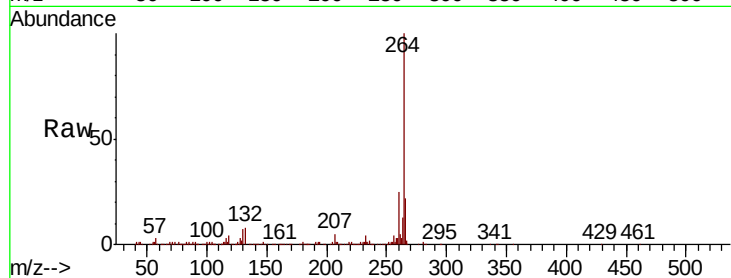
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	22.3	17.7	26.5

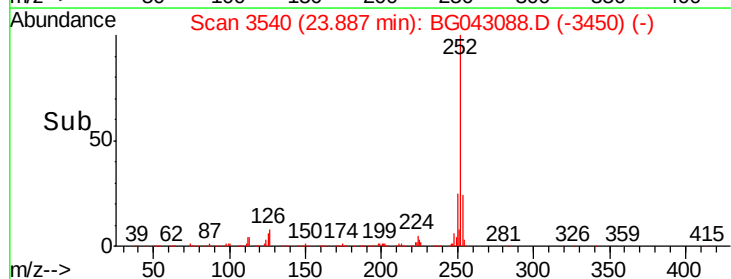
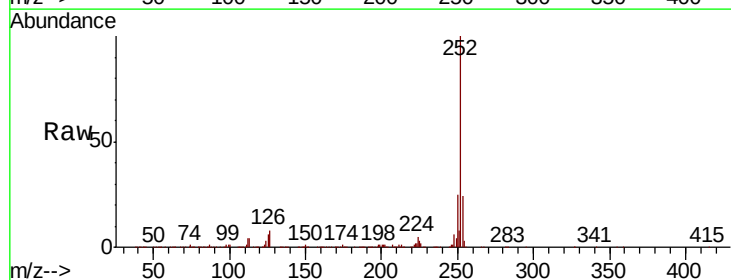
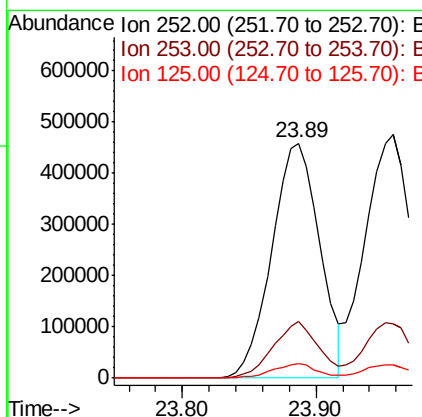
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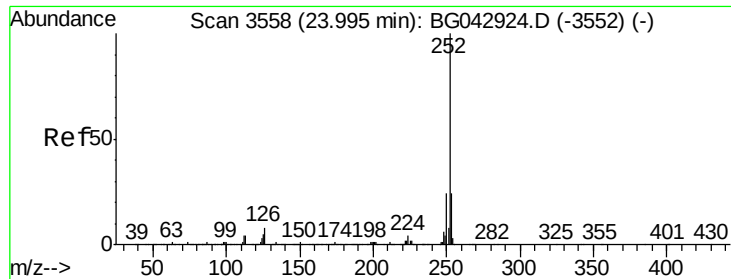
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#88
Benzo(b)fluoranthene
Concen: 42.766 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	6.1	4.6	7.0





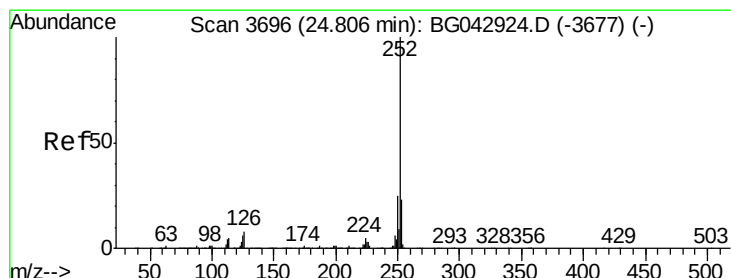
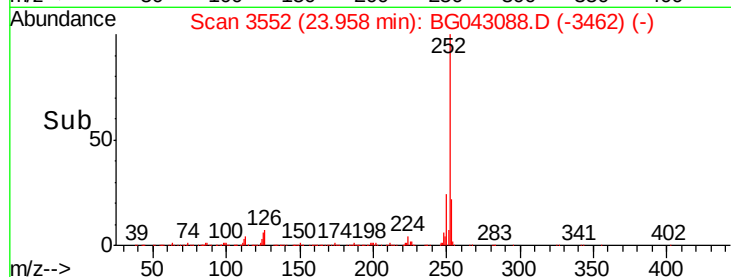
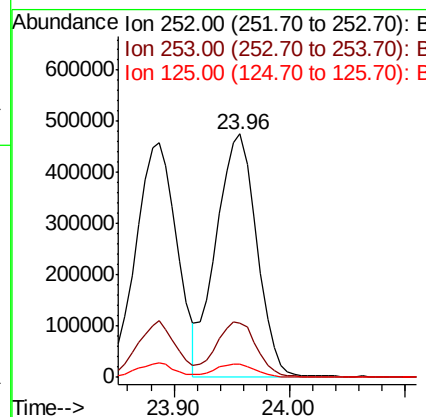
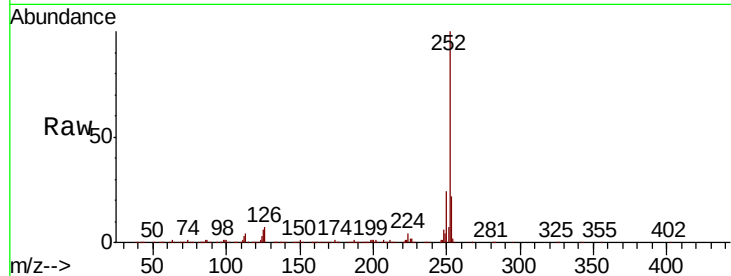
#89
Benzo(k)fluoranthene
Concen: 43.662 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.9	28.3
125	5.5	4.5	6.7

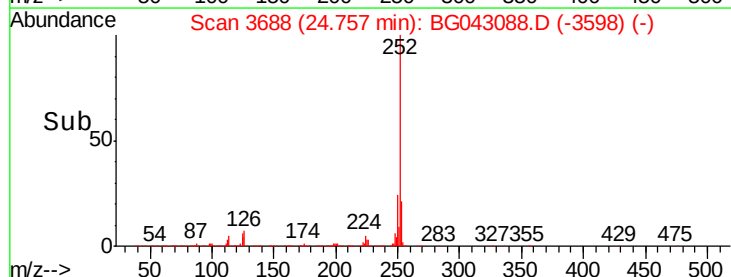
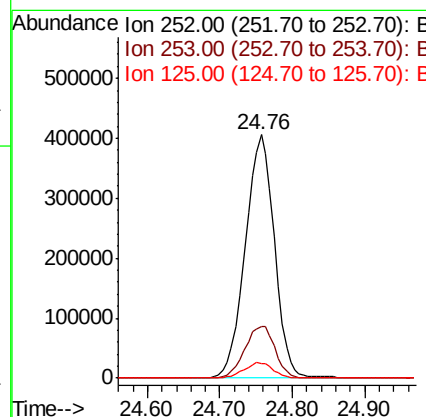
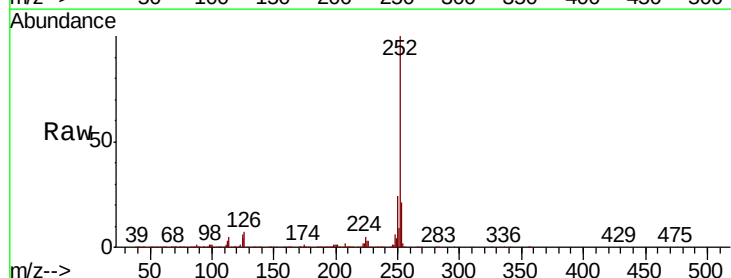
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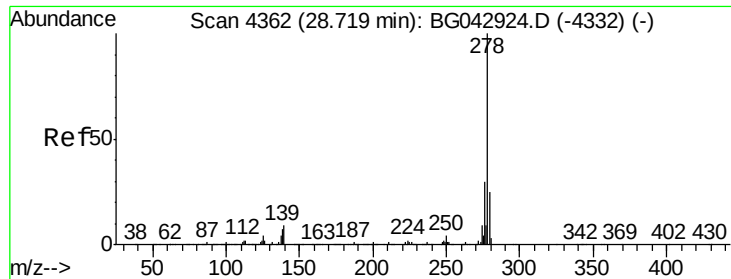
mohammad
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#90
Benzo(a)pyrene
Concen: 44.776 ng
RT: 24.76 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.2	27.4
125	6.2	5.0	7.6





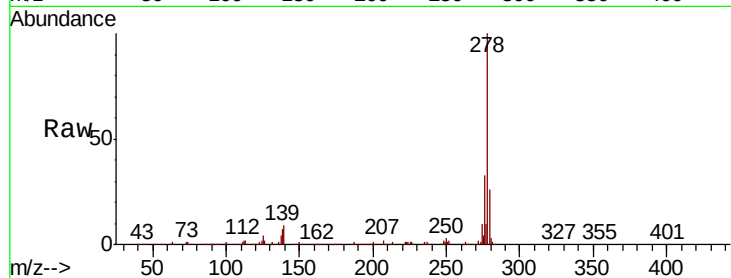
#91
Dibenzo(a,h)anthracene
Concen: 44.797 ng
RT: 28.63 min Scan# 4348
Delta R.T. -0.00 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.7	6.8	10.2
279	25.7	20.1	30.1

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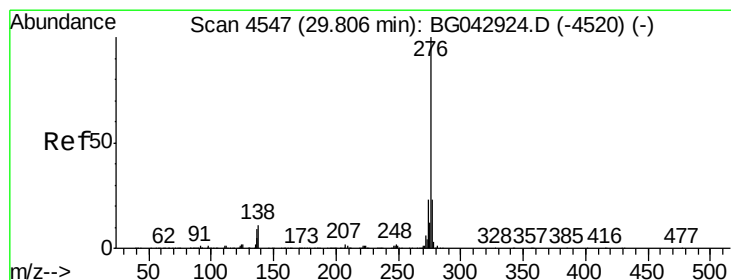
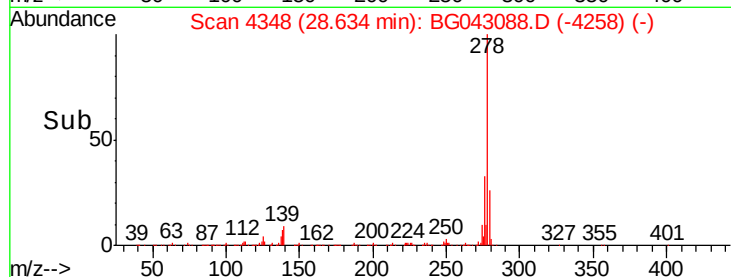
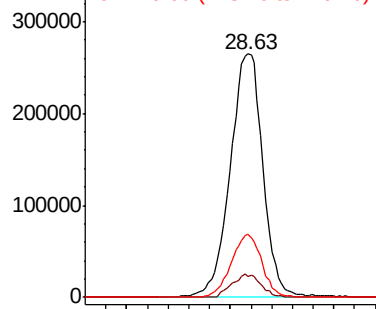


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.506 ng
RT: 29.72 min Scan# 4532
Delta R.T. -0.01 min
Lab File: BG043088.D
Acq: 8 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	12.1	8.6	12.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

