

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
 Data File : BG043091.D
 Acq On : 8 Oct 2019 18:39
 Operator : JU
 Sample : K5141-08MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-100419MSD

Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:29:58 AM

Quant Time: Oct 09 02:18:24 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	64073	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	236077	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	170205	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	401332	20.00	ng	0.00
76) Chrysene-d12	21.69	240	432355	20.00	ng	0.00
87) Perylene-d12	24.91	264	509235	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	464787	129.46	ng	0.00
7) Phenol-d6	7.24	99	662345	128.11	ng	0.00
23) Nitrobenzene-d5	9.22	82	412573	84.94	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	411280	140.52	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1007085	85.78	ng	0.00
79) Terphenyl-d14	20.03	244	1941836	95.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	51940	34.698	ng	# 52
3) Pyridine	3.96	79	146198	34.725	ng	90
4) n-Nitrosodimethylamine	3.86	42	80982	39.999	ng	# 77
6) Aniline	7.39	93	178866	28.659	ng	99
8) 2-Chlorophenol	7.63	128	179064	47.824	ng	97
9) Benzaldehyde	7.20	77	85059	26.923	ng	80
10) Phenol	7.27	94	250794	52.871	ng	93
11) bis(2-Chloroethyl)ether	7.48	93	165216	45.016	ng	94
12) 1,3-Dichlorobenzene	7.95	146	187119	39.176	ng	98
13) 1,4-Dichlorobenzene	8.09	146	195100	40.975	ng	98
14) 1,2-Dichlorobenzene	8.41	146	180514	39.821	ng	91
15) Benzyl Alcohol	8.30	79	173598	44.660	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	225676	32.018	ng	95
17) 2-Methylphenol	8.51	107	156989	47.299	ng	98
18) Hexachloroethane	9.15	117	69403	38.703	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	138442	40.779	ng	89
20) 3+4-Methylphenols	8.83	107	214080	47.066	ng	95
22) Acetophenone	8.88	105	266829	43.848	ng	94
24) Nitrobenzene	9.26	77	204875	44.222	ng	97
25) Isophorone	9.78	82	393561	46.130	ng	97
26) 2-Nitrophenol	9.97	139	104901	53.190	ng	98
27) 2,4-Dimethylphenol	10.04	122	173220	57.192	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	213414	44.089	ng	96
29) 2,4-Dichlorophenol	10.51	162	194872	51.733	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	211149	43.407	ng	99
31) Naphthalene	10.91	128	534035	45.954	ng	98
32) Benzoic acid	10.20	122	116154	49.040	ng	97
33) 4-Chloroaniline	11.04	127	25072	4.972	ng	# 91
34) Hexachlorobutadiene	11.20	225	148125	40.668	ng	98
35) Caprolactam	11.80	113	62200m	46.824	ng	
36) 4-Chloro-3-methylphenol	12.15	107	211189	51.564	ng	93
37) 2-Methylnaphthalene	12.51	142	409621	46.204	ng	98
38) 1-Methylnaphthalene	12.73	142	387113	46.146	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	266251	41.605	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	355809	87.261	nq	96
43) 2,4,6-Trichlorophenol	13.12	196	186259	49.726	nq	96
44) 2,4,5-Trichlorophenol	13.19	196	199625	51.734	nq	98
46) 1,1'-Biphenyl	13.52	154	552333	42.792	nq	99
47) 2-Chloronaphthalene	13.56	162	437087	45.166	nq	97
48) 2-Nitroaniline	13.76	65	145434	45.192	nq	93
49) Acenaphthylene	14.40	152	702180	47.420	nq	97
50) Dimethylphthalate	14.13	163	871500	68.338	nq	99
51) 2,6-Dinitrotoluene	14.25	165	138226	50.897	nq	92
52) Acenaphthene	14.75	154	425832	42.963	nq	99
53) 3-Nitroaniline	14.59	138	77300	27.542	nq	94
54) 2,4-Dinitrophenol	14.79	184	133546	79.110	nq	90
55) Dibenzofuran	15.08	168	685997	46.787	nq	98
56) 4-Nitrophenol	14.90	139	223316	104.427	nq	91
57) 2,4-Dinitrotoluene	15.04	165	194862	48.997	nq	94
58) Fluorene	15.73	166	581617	46.463	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	202009m	49.169	nq	
60) Diethylphthalate	15.49	149	599062	46.158	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	334753	44.590	nq	99
62) 4-Nitroaniline	15.75	138	142673	46.610	nq	99
63) Azobenzene	16.01	77	509717	43.137	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	114326	50.342	nq	90
66) n-Nitrosodiphenylamine	15.93	169	523445	49.407	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	240585	47.763	nq	97
68) Hexachlorobenzene	16.73	284	265833	47.398	nq	99
69) Atrazine	16.88	200	202115	45.304	nq	97
70) Pentachlorophenol	17.08	266	319765	98.808	nq	98
71) Phenanthrene	17.47	178	938842	47.917	nq	98
72) Anthracene	17.55	178	963380	49.252	nq	99
73) Carbazole	17.82	167	895131	49.350	nq	99
74) Di-n-butylphthalate	18.38	149	1034135	47.785	nq	99
75) Fluoranthene	19.47	202	1238151	47.777	nq	100
77) Benzidine	19.65	184	552832	51.066	nq	99
78) Pyrene	19.83	202	1235633	47.882	nq	99
80) Butylbenzylphthalate	20.71	149	483683	49.380	nq	96
81) Benzo(a)anthracene	21.67	228	1286594	47.758	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	331795	31.402	nq	98
83) Chrysene	21.74	228	1225993	46.896	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	682436	48.963	nq	99
85) Di-n-octyl phthalate	22.79	149	1166762	51.193	nq	96
86) Indeno(1,2,3-cd)pyrene	28.57	276	1650146	50.702	nq	# 95
88) Benzo(b)fluoranthene	23.89	252	1385056	48.069	nq	99
89) Benzo(k)fluoranthene	23.96	252	1349213	47.333	nq	100
90) Benzo(a)pyrene	24.76	252	1355476	49.862	nq	99
91) Dibenzo(a,h)anthracene	28.63	278	1396200	50.086	nq	99
92) Benzo(g,h,i)perylene	29.72	276	1370722	50.750	nq	96

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

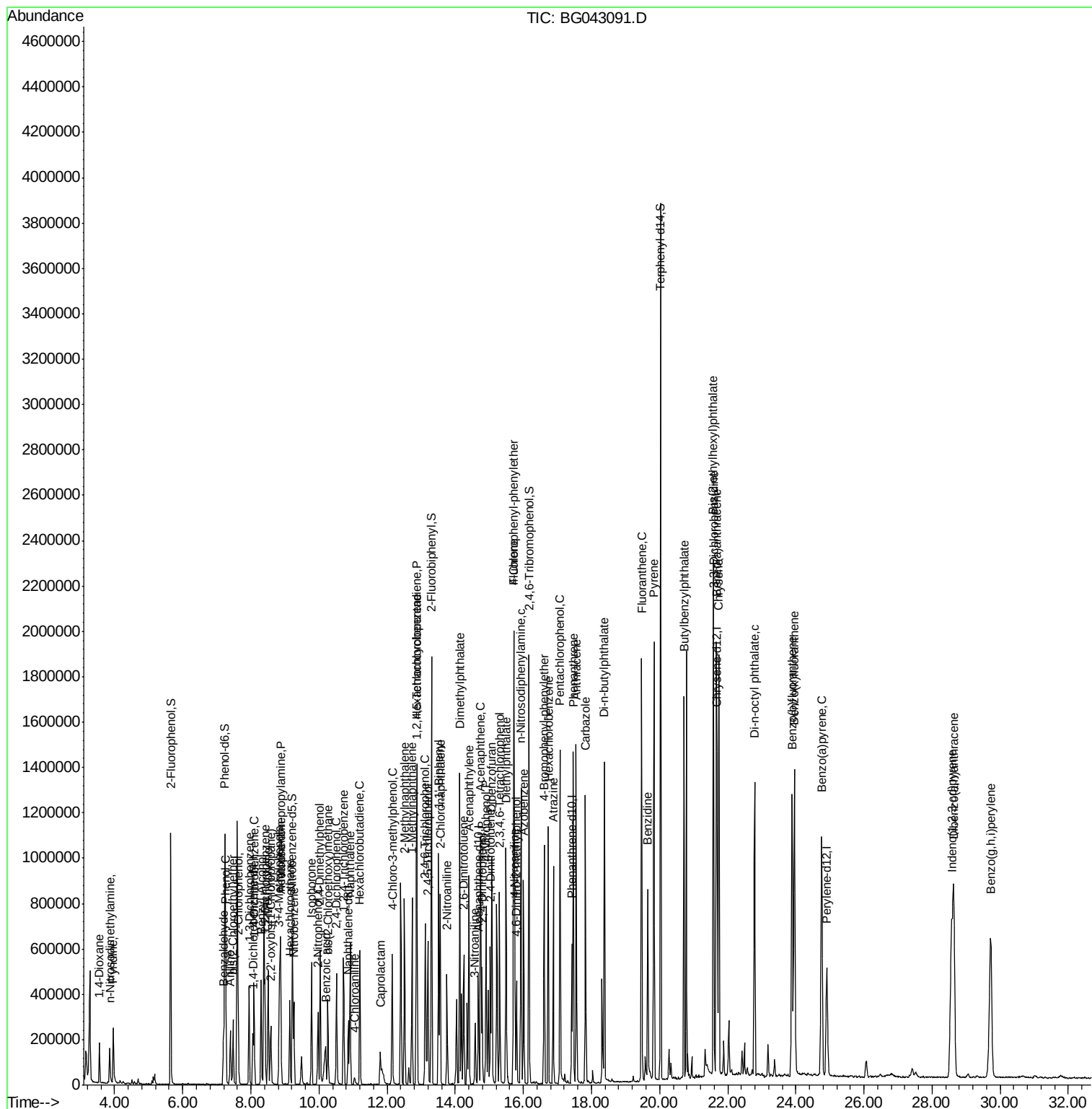
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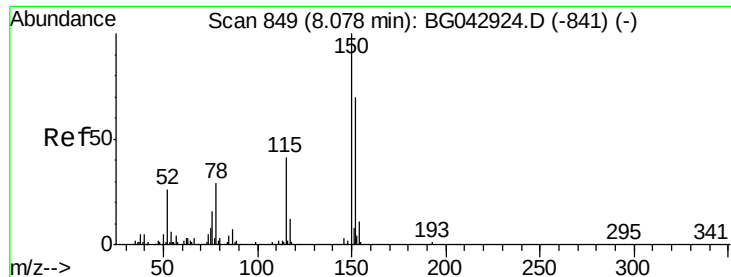
Instrument :
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ClientSampleId :
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#1

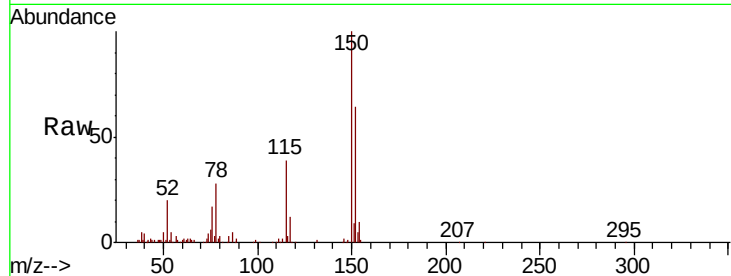
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	115.0	172.4
115	61.2	47.0	70.6

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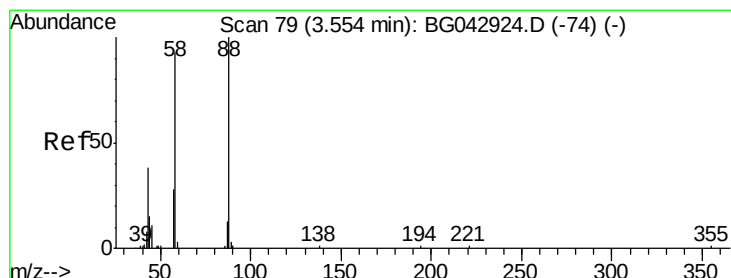
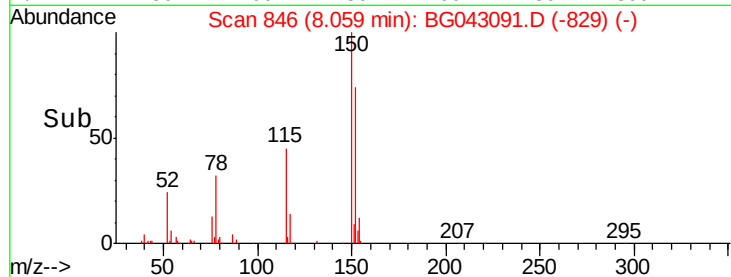
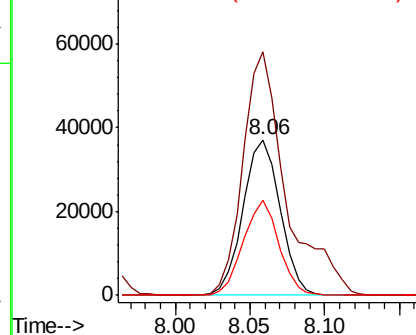


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

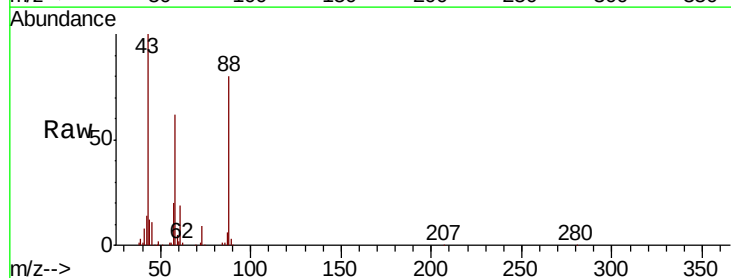
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.698 ng
RT: 3.55 min Scan# 79
Delta R.T. 0.02 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	74.3	111.5
43	121.7	29.8	44.8#

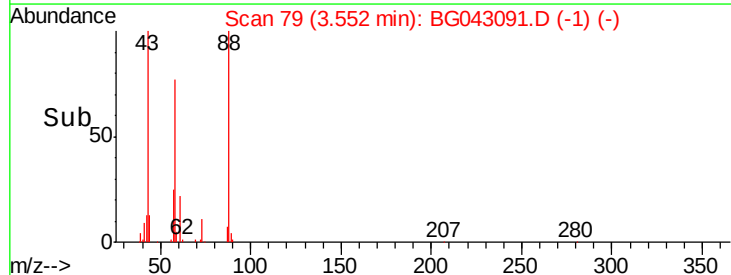
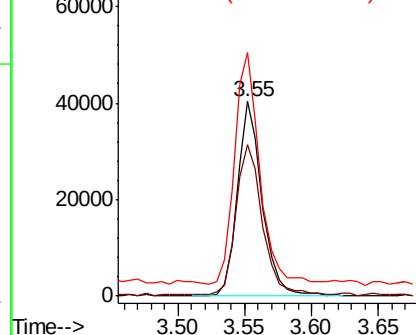


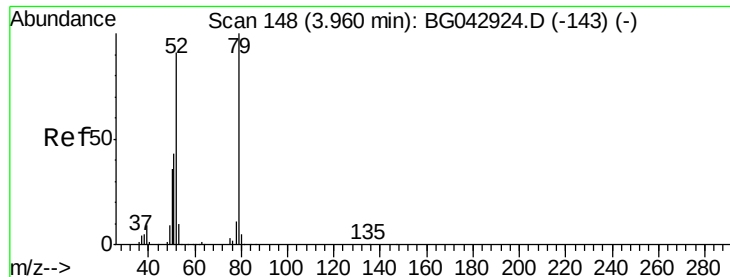
Abundance

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: 34.725 ng

RT: 3.96 min Scan# 148

Delta R.T. 0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

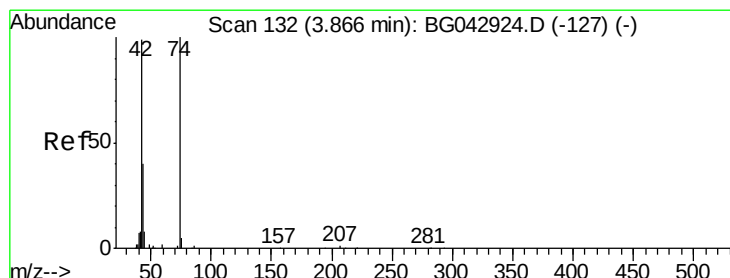
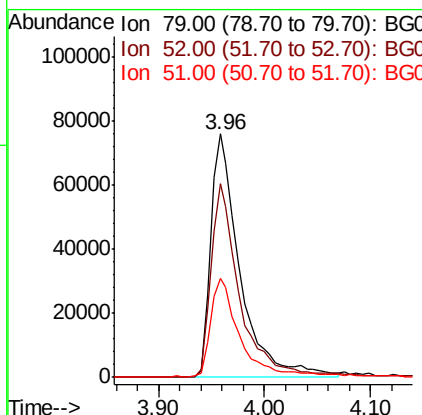
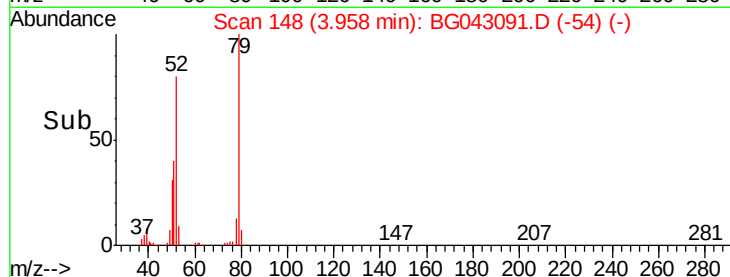
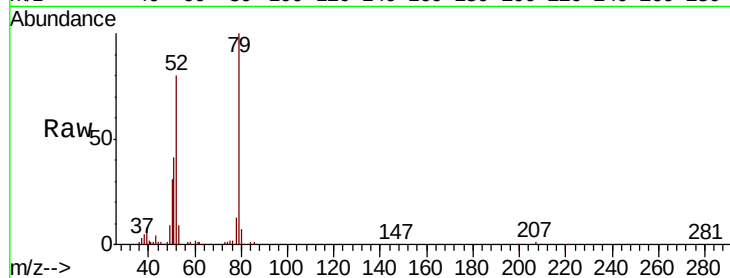
ClientSampleId :

JC-02-100419MSD

Tot Ion:	79	Resp:	146198
Ion Ratio	Lower	Upper	
79	100		
52	79.7	73.0	109.4
51	40.8	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 39.999 ng

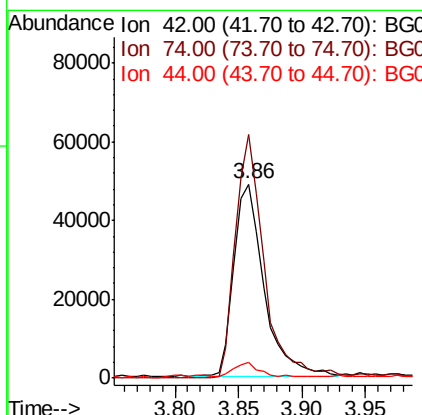
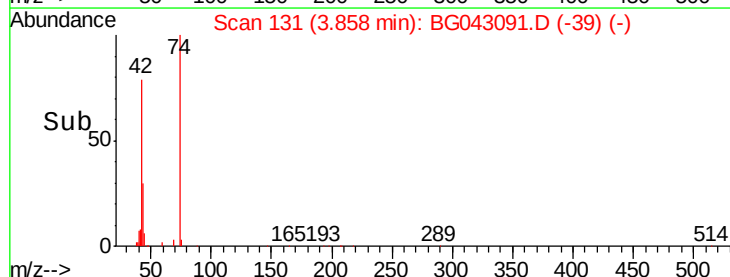
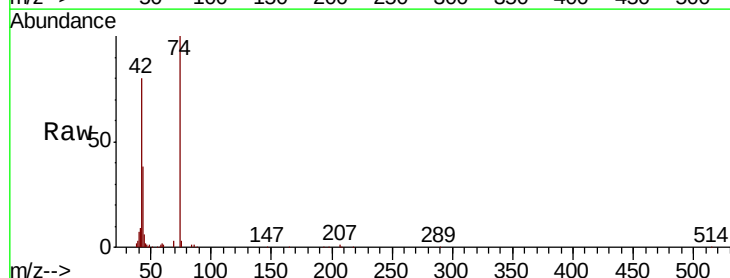
RT: 3.86 min Scan# 131

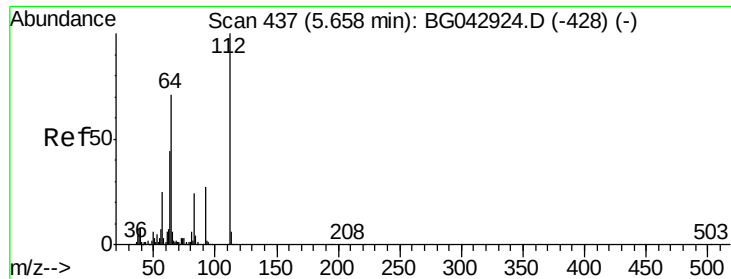
Delta R.T. 0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Tgt Ion:	42	Resp:	80982
Ion Ratio	Lower	Upper	
42	100		
74	125.6	80.5	120.7#
44	7.9	6.9	10.3





#5

2-Fluorophenol

Concen: 129.457 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

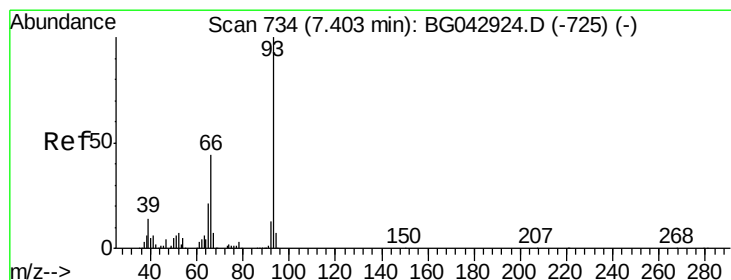
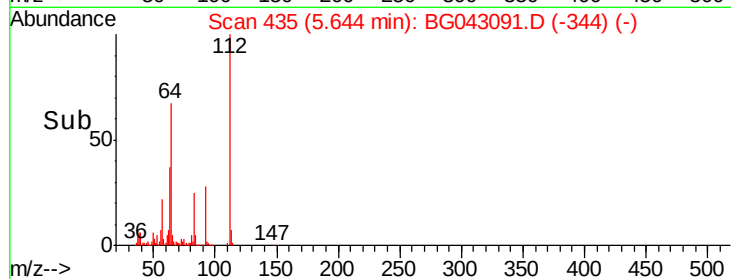
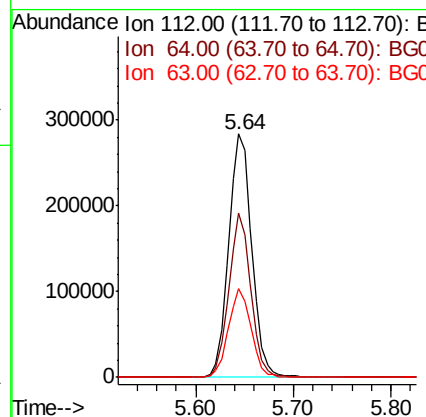
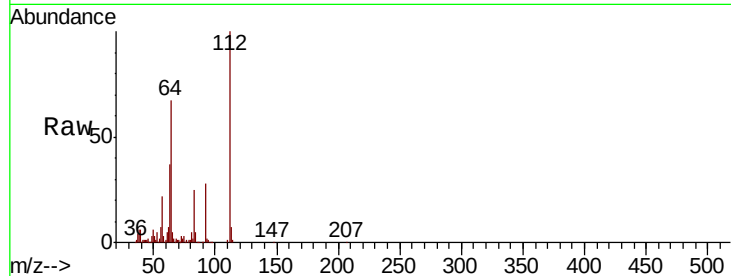
ClientSampleId :

JC-02-100419MSD

Tot Ion:	112	Resp:	464787
Ion Ratio	Lower	Upper	
112	100		
64	67.4	56.6	84.8
63	36.7	35.1	52.7

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#6

Aniline

Concen: 28.659 ng

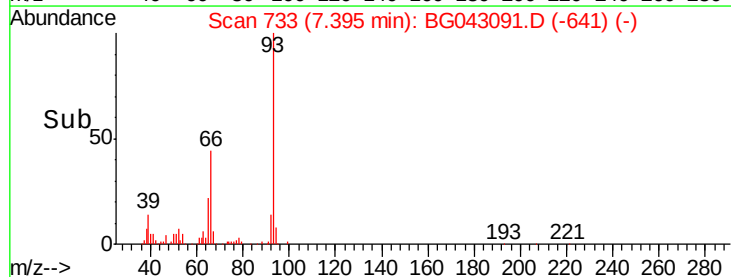
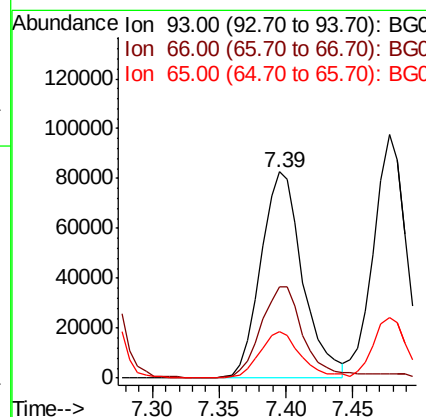
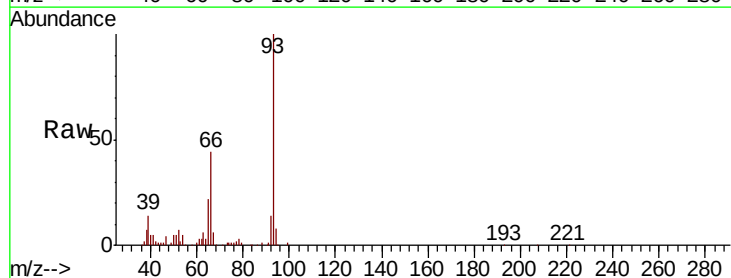
RT: 7.39 min Scan# 733

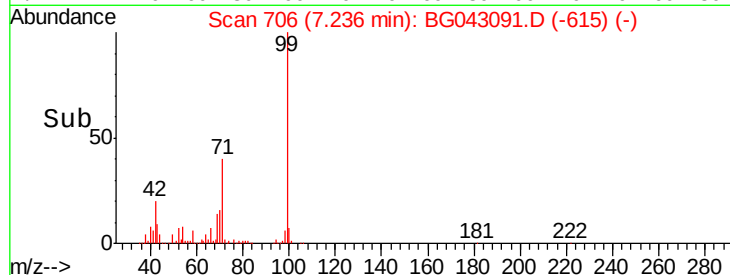
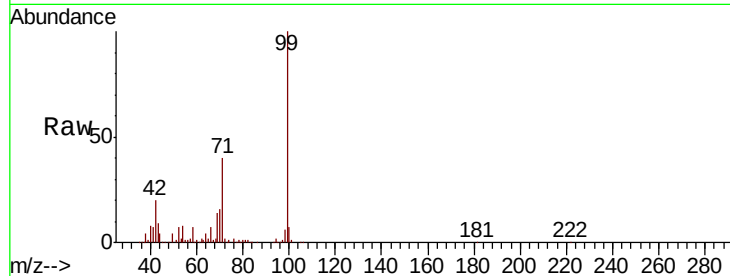
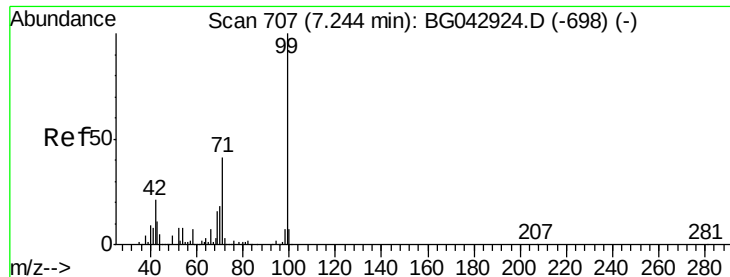
Delta R.T. 0.01 min

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Tgt Ion:	93	Resp:	178866
Ion Ratio	Lower	Upper	
93	100		
66	44.2	35.0	52.6
65	22.2	17.4	26.0





#7

Phenol-d6

Concen: 128.108 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Tot Ion:	99	Resp:	662345
Ion Ratio	Lower	Upper	
99	100		
42	19.8	17.2	25.8
71	39.8	33.1	49.7

Instrument :

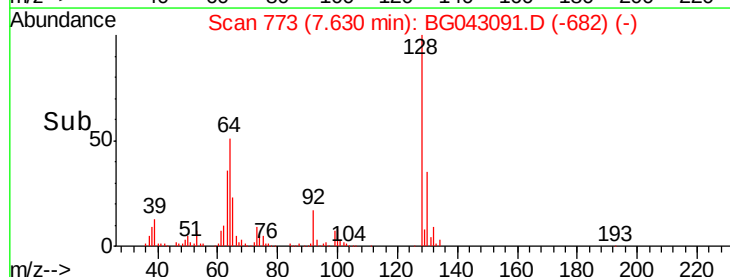
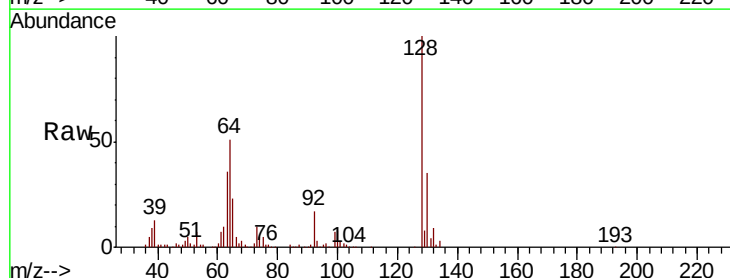
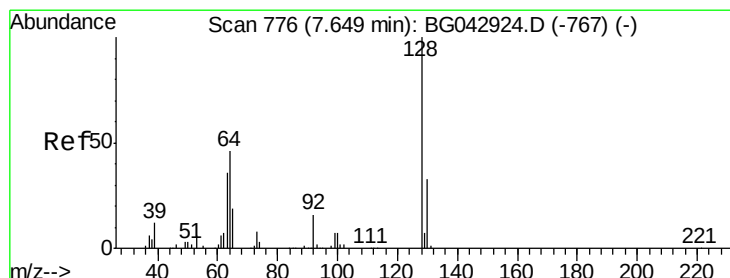
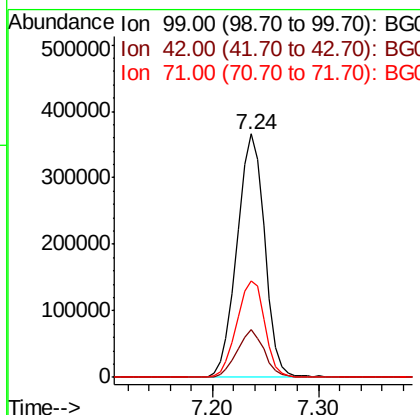
BNA_G

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#8

2-Chlorophenol

Concen: 47.824 ng

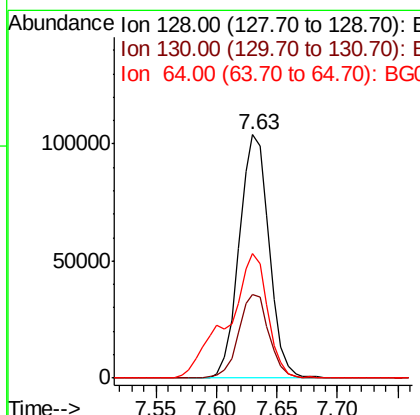
RT: 7.63 min Scan# 773

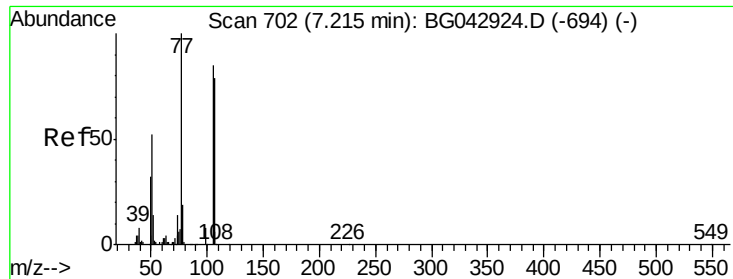
Delta R.T. 0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Tgt Ion:	128	Resp:	179064
Ion Ratio	Lower	Upper	
128	100		
130	34.5	12.5	52.5
64	51.0	32.8	72.8





#9

Benzaldehyde

Concen: 26.923 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

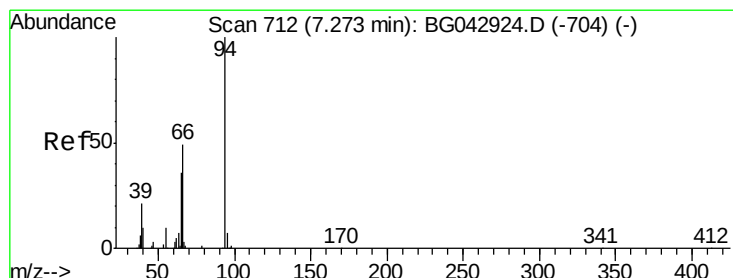
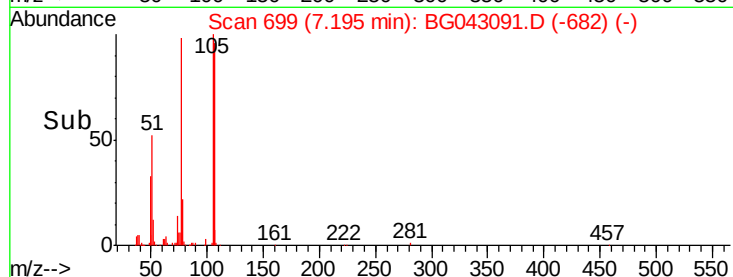
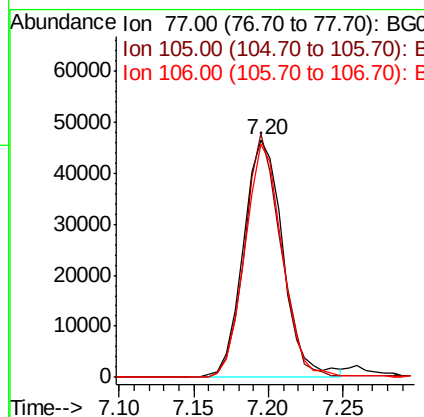
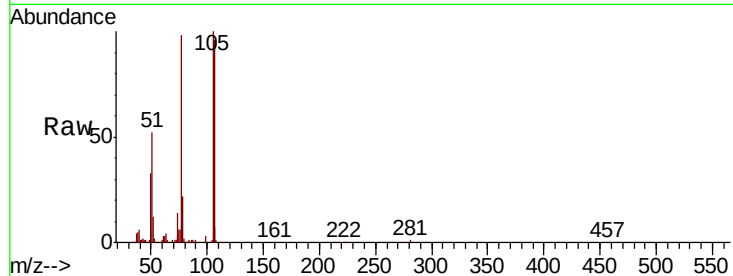
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Tot Ion:	77	Resp:	85059
Ion Ratio	Lower	Upper	
77	100		
105	102.4	64.6	104.6
106	97.9	59.4	99.4

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#10

Phenol

Concen: 52.871 ng

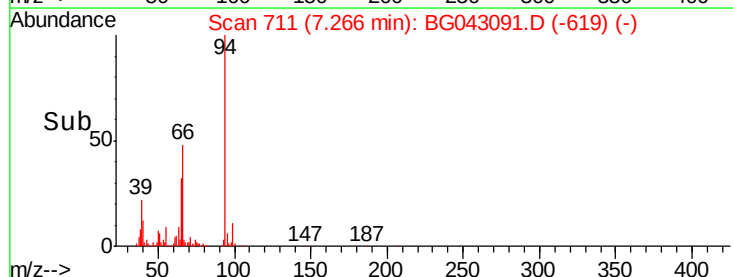
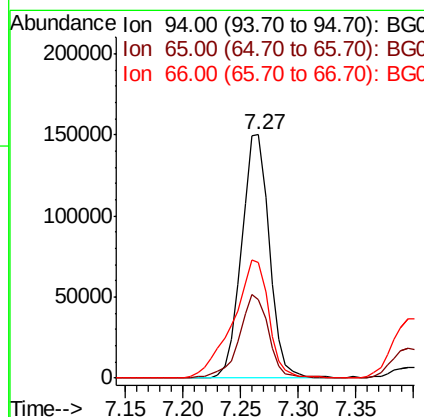
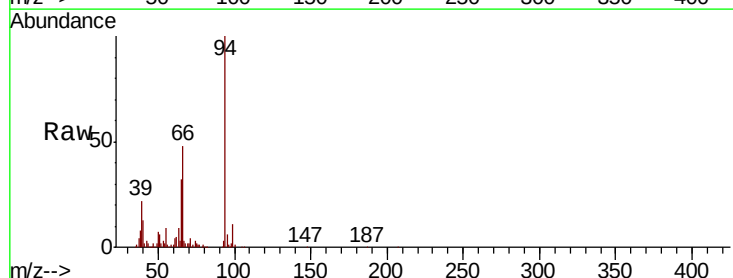
RT: 7.27 min Scan# 711

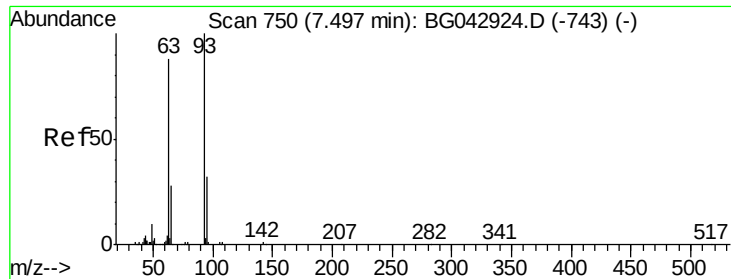
Delta R.T. 0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Tgt Ion:	94	Resp:	250794
Ion Ratio	Lower	Upper	
94	100		
65	32.1	16.6	56.6
66	47.6	32.4	72.4





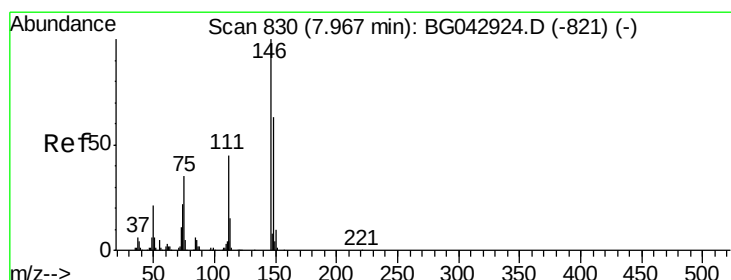
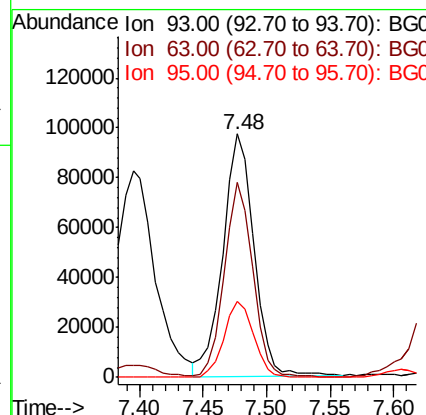
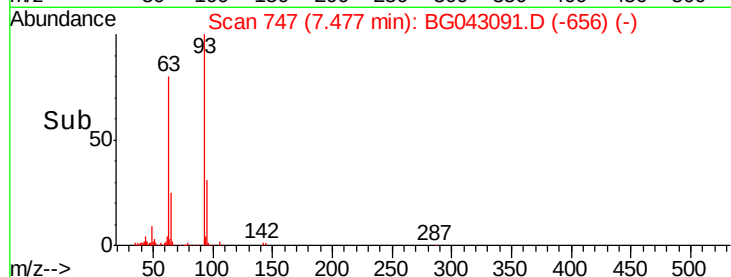
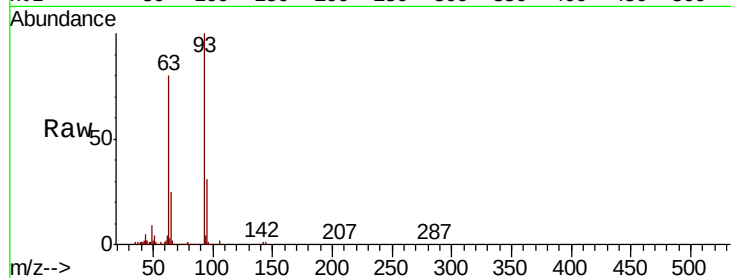
#11
bis(2-Chloroethyl)ether
Concen: 45.016 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.2	67.4	107.4
95	31.4	11.9	51.9

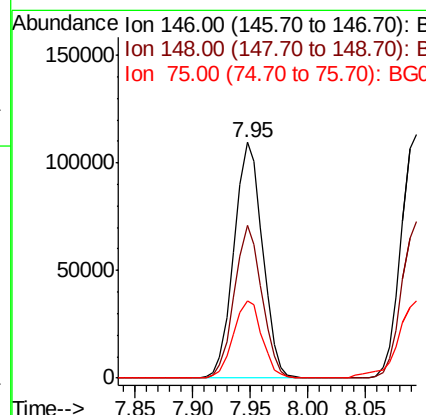
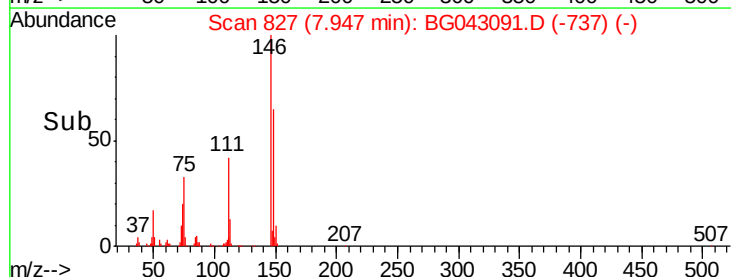
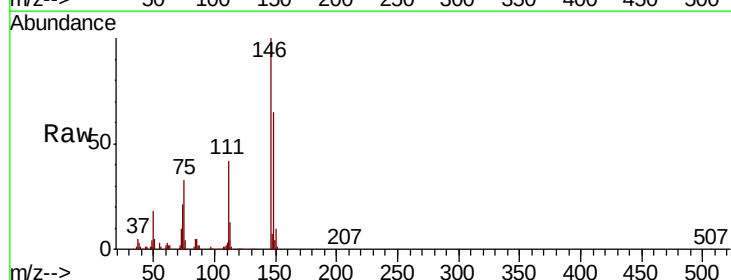
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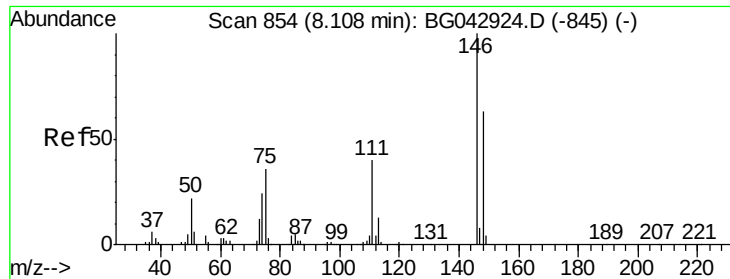
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.176 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.7	76.1
75	32.9	27.7	41.5





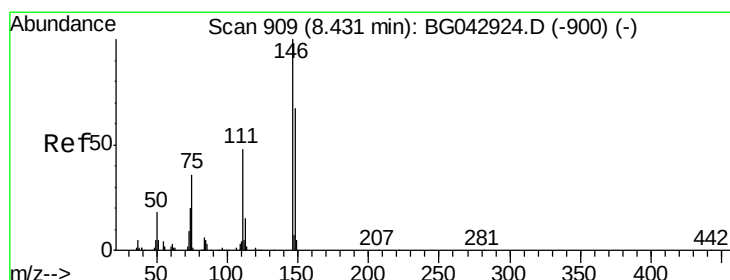
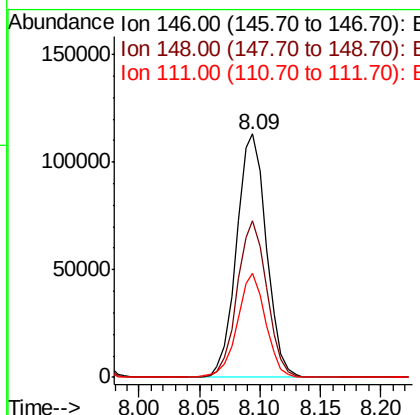
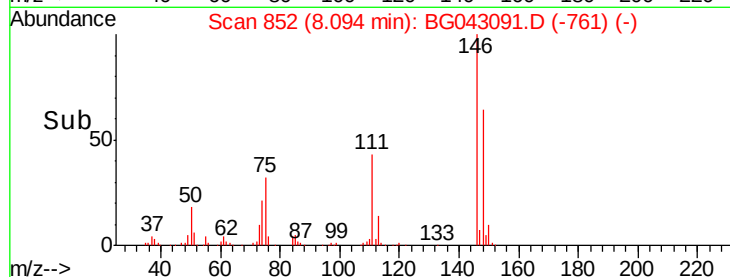
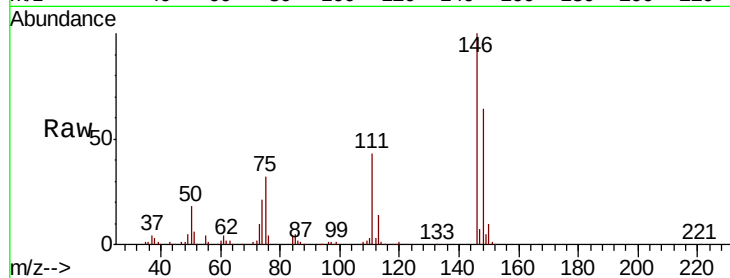
#13
1,4-Dichlorobenzene
Concen: 40.975 ng
RT: 8.09 min Scan# 852
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.9	76.3
111	42.8	31.8	47.8

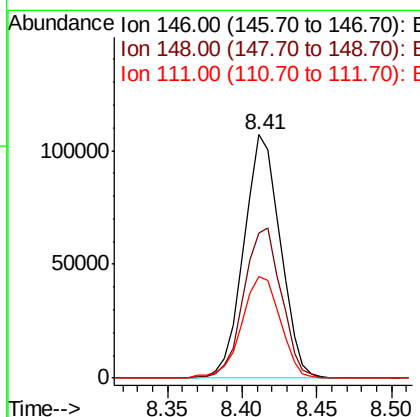
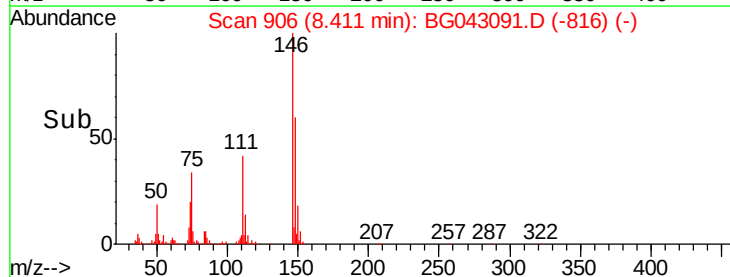
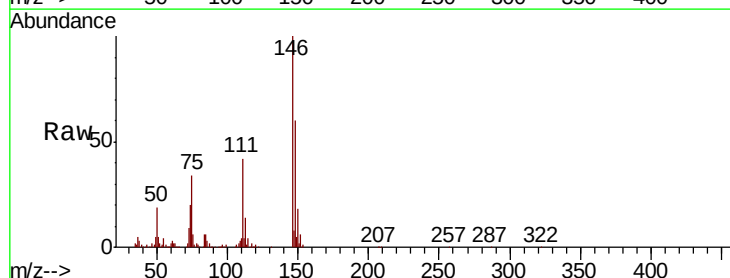
Manual Integrations
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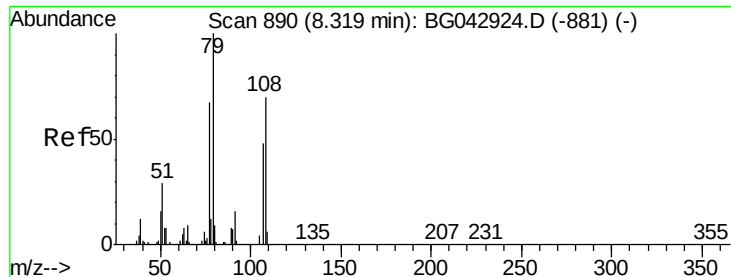
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.821 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.7	53.4	80.2
111	41.8	38.5	57.7





#15

Benzyl Alcohol

Concen: 44.660 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

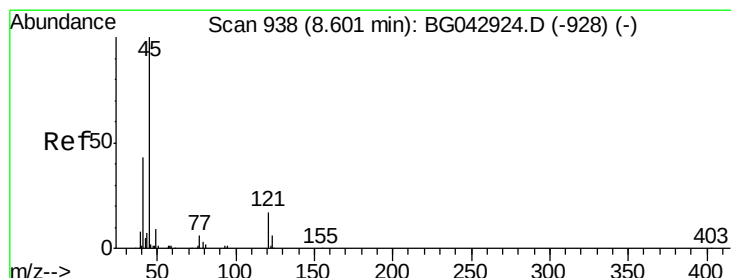
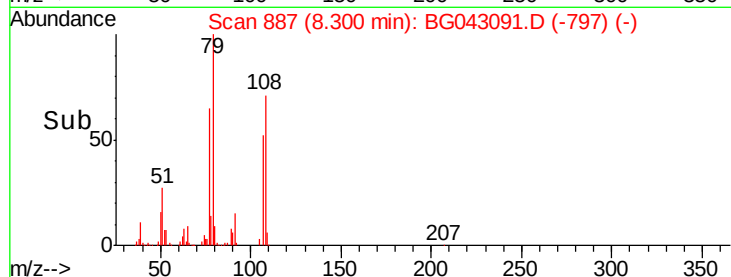
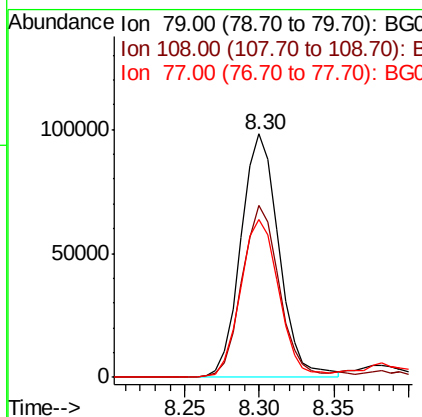
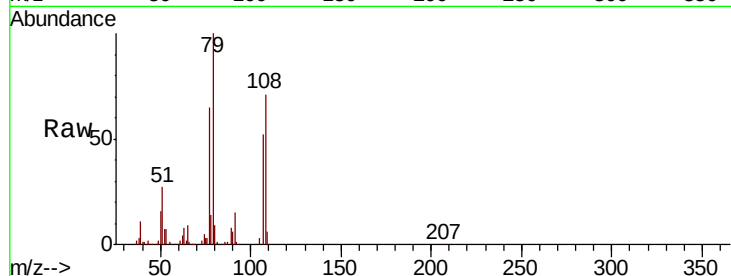
ClientSampleId :

JC-02-100419MSD

Tot Ion:	79	Resp:	173598
Ion Ratio	Lower	Upper	
79	100		
108	70.5	55.7	83.5
77	64.6	53.3	79.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.018 ng

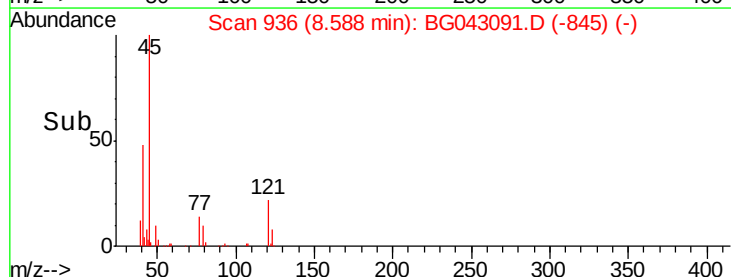
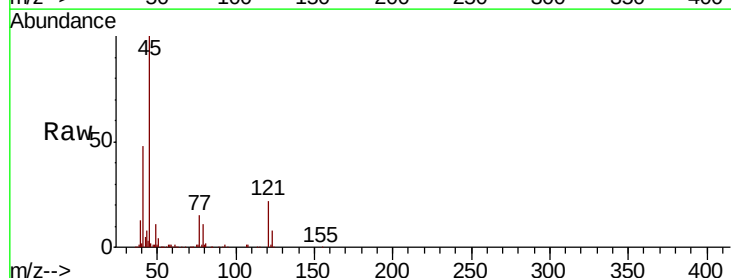
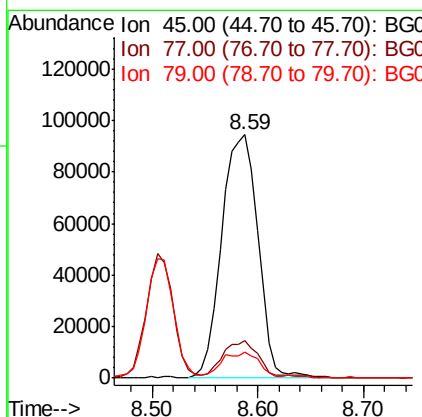
RT: 8.59 min Scan# 936

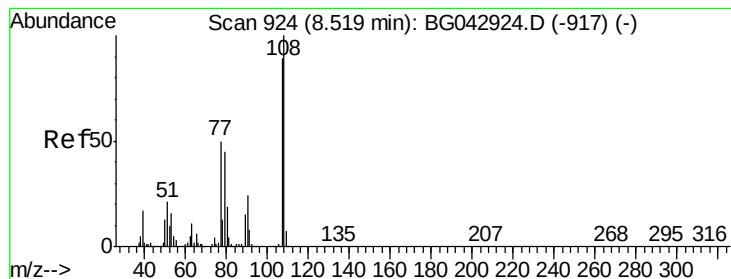
Delta R.T. 0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Tgt Ion:	45	Resp:	225676
Ion Ratio	Lower	Upper	
45	100		
77	15.5	0.0	32.8
79	10.6	0.0	29.4





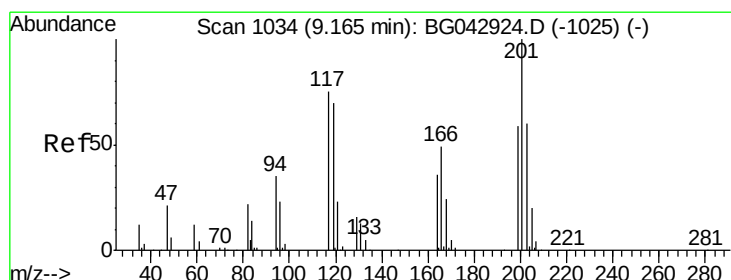
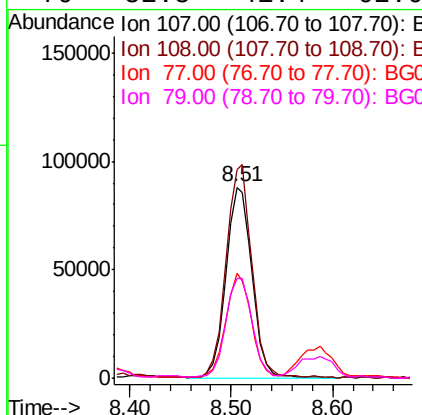
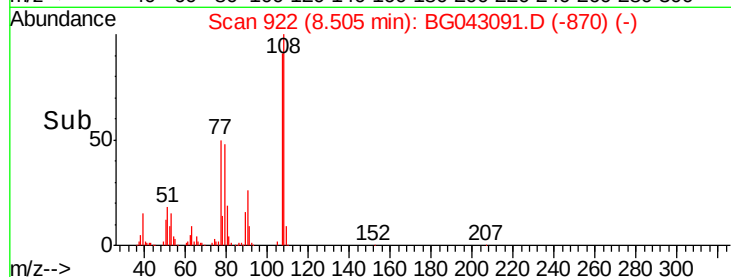
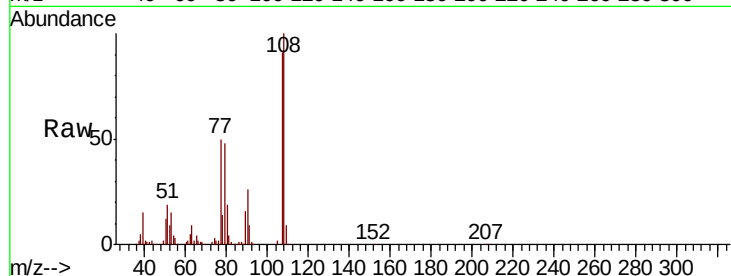
#17
2-Methylphenol
Concen: 47.299 ng
RT: 8.51 min Scan# 922
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	89.9	134.9	
77	55.1	45.4	68.2	
79	52.5	41.4	62.0	

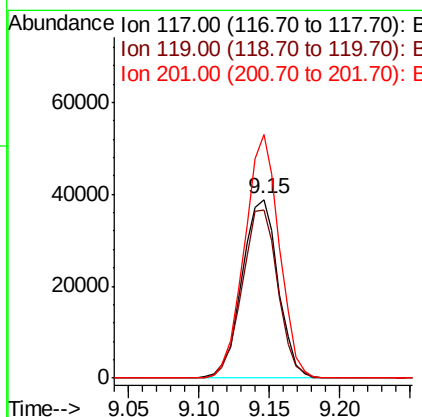
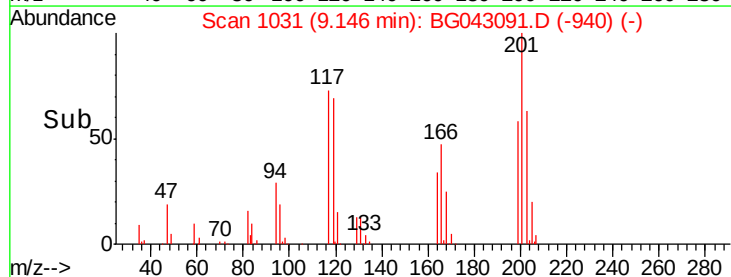
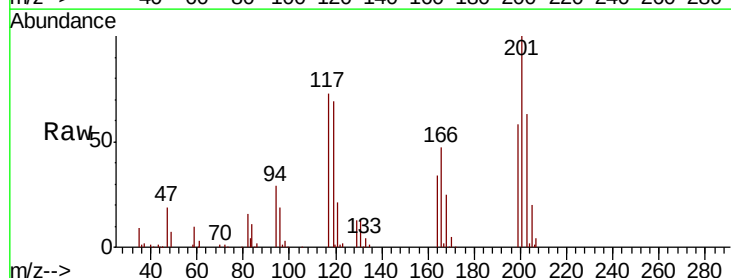
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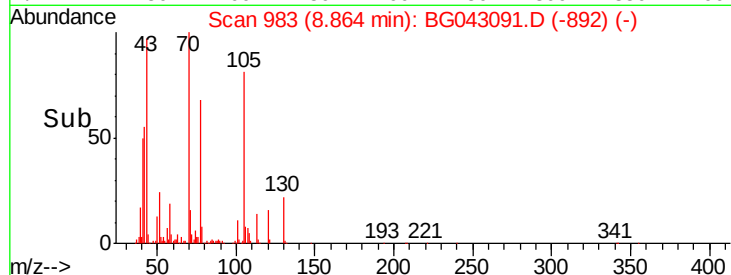
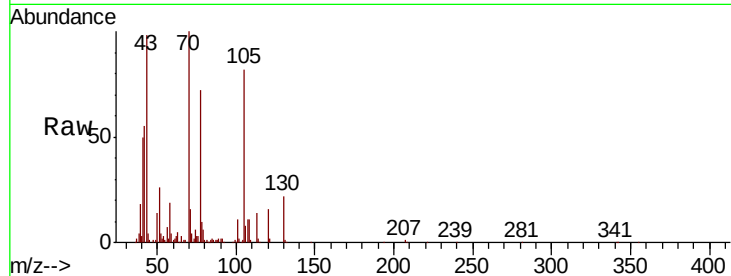
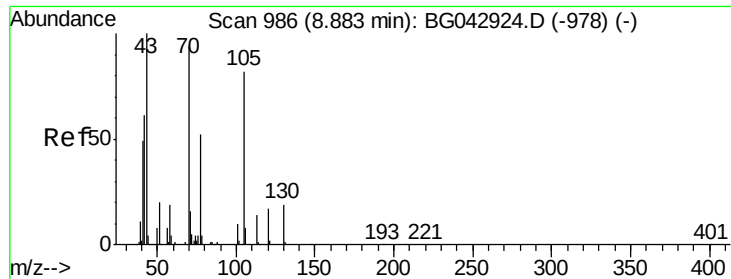
mohammad
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#18
Hexachloroethane
Concen: 38.703 ng
RT: 9.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	74.6	111.8	
201	136.5	106.0	159.0	





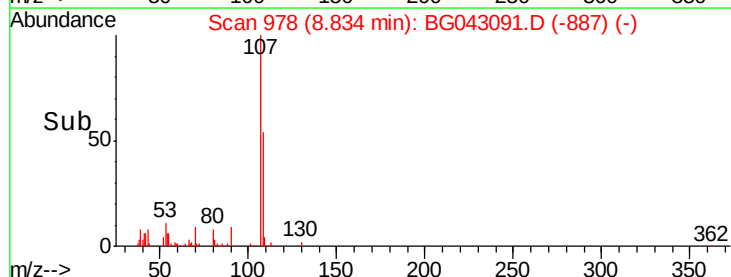
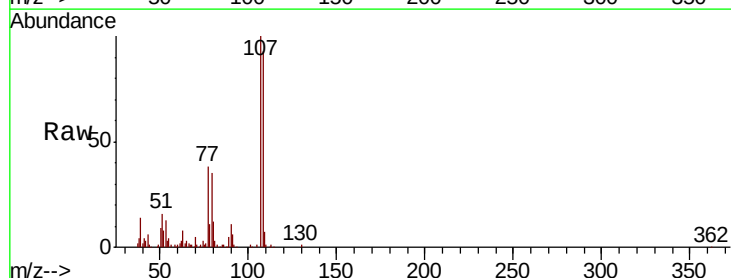
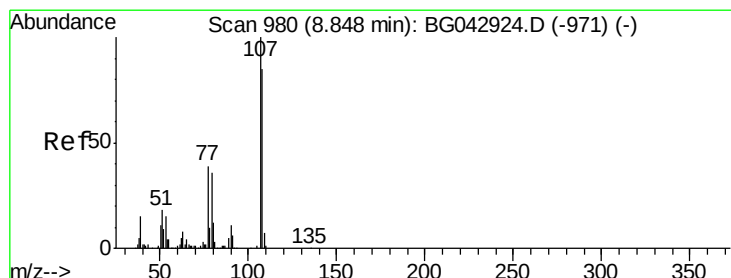
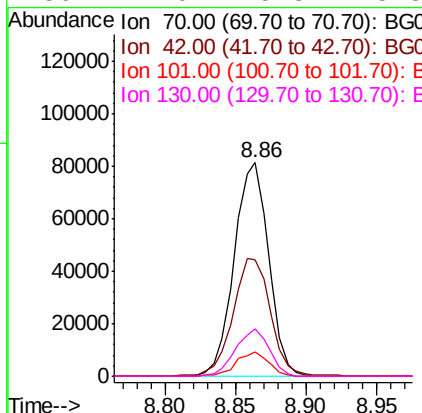
#19
n-Nitroso-di-n-propylamine
Concen: 40.779 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.8	52.6	79.0	
101	11.5	8.7	13.1	
130	22.0	15.8	23.8	

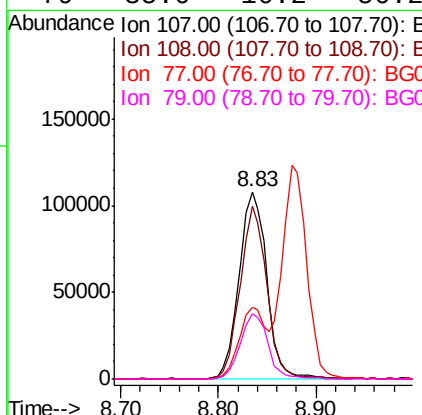
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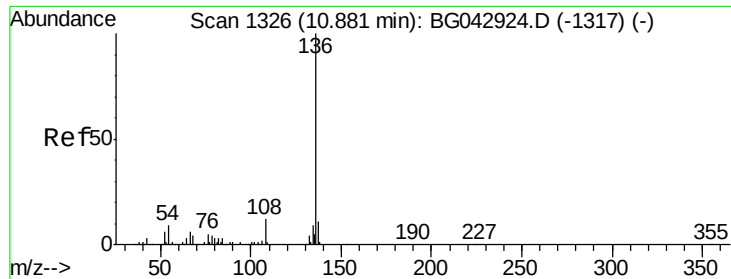
mohammad
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#20
3+4-Methylphenols
Concen: 47.066 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.7	64.9	104.9	
77	38.5	19.4	59.4	
79	35.0	16.2	56.2	





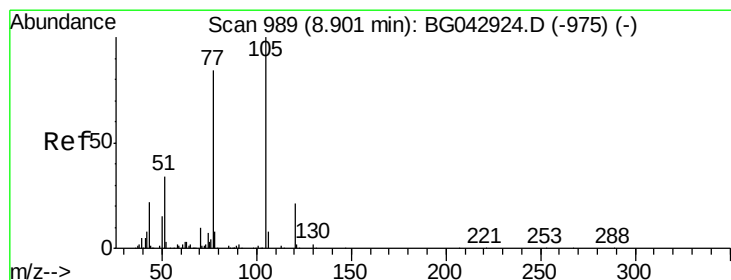
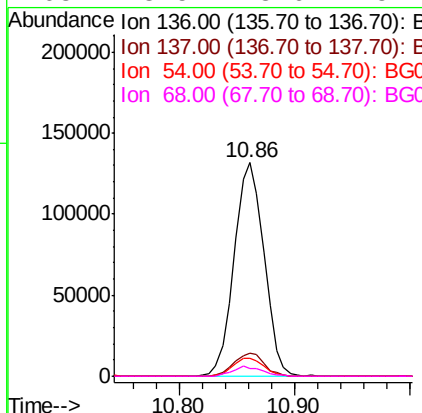
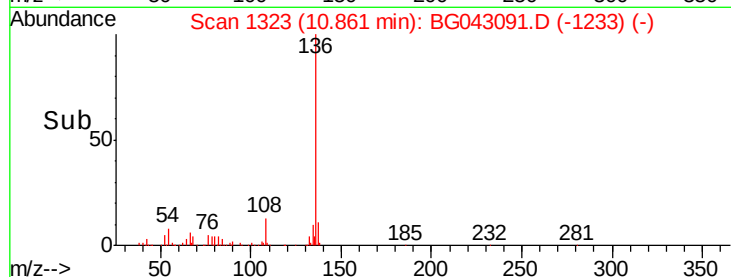
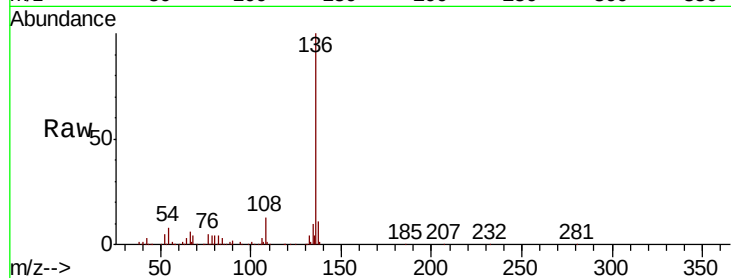
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	236077		
137	10.6		8.5	12.7
54	8.4		7.4	11.2
68	3.5		3.6	5.4#

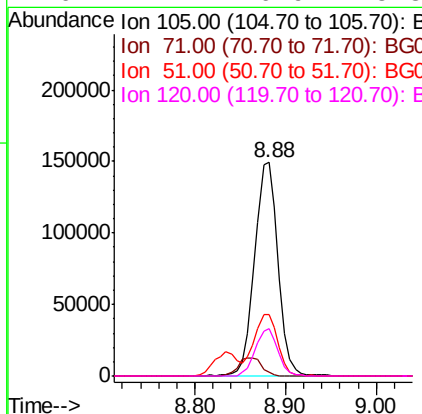
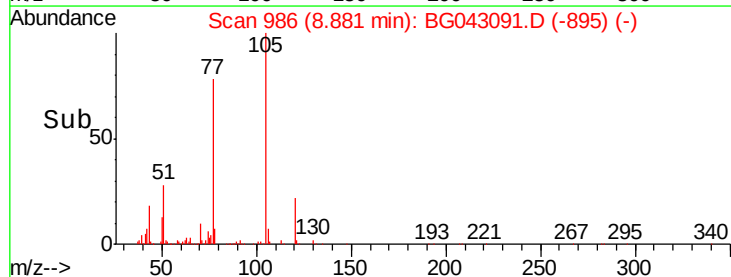
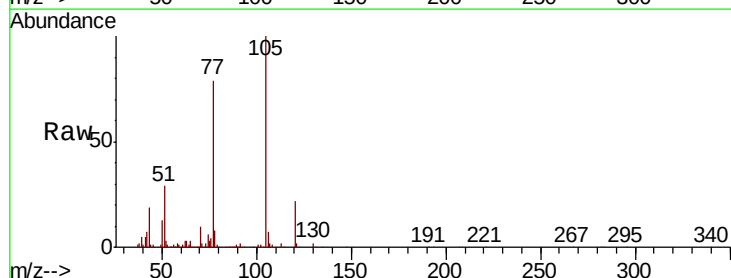
Manual Integrations
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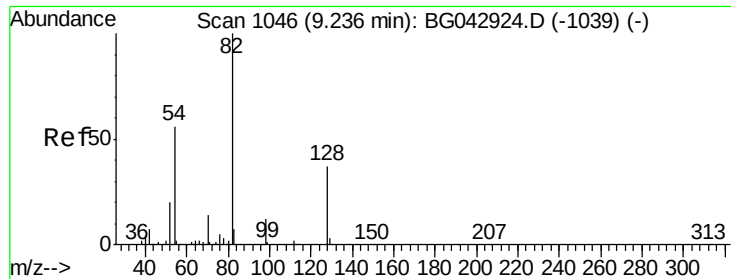
mohammad
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#22
Acetophenone
Concen: 43.848 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	266829		
71	1.7		1.2	1.8
51	28.6		27.2	40.8
120	22.1		16.9	25.3





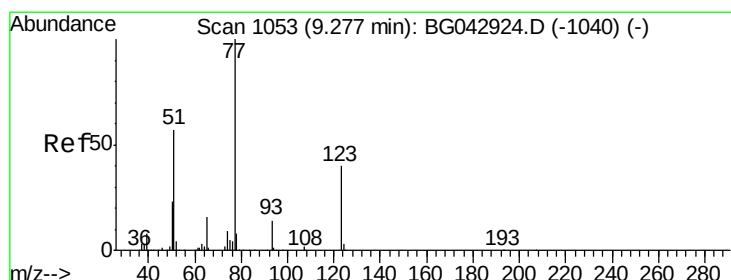
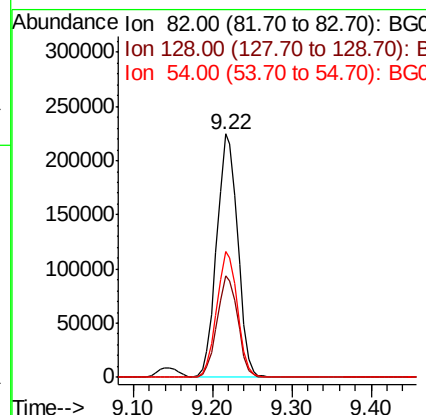
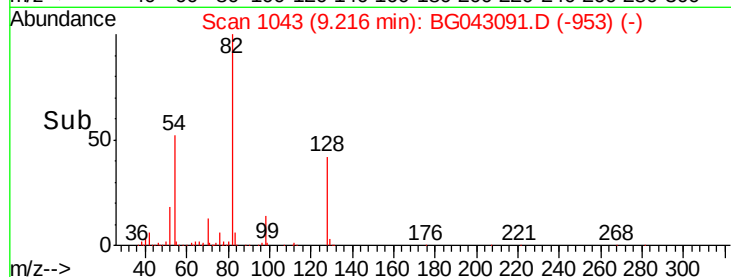
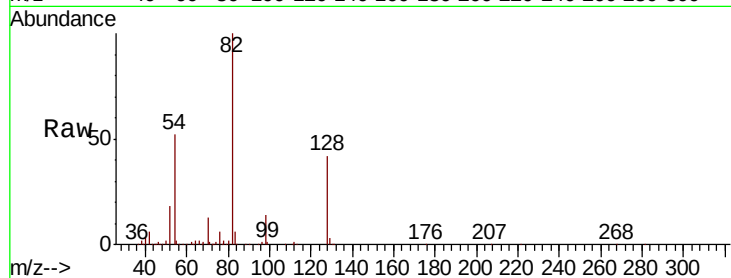
#23
 Nitrobenzene-d5
 Concen: 84.943 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	29.5	44.3
54	51.7	44.6	67.0

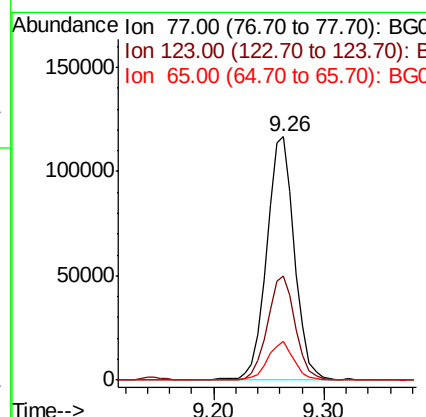
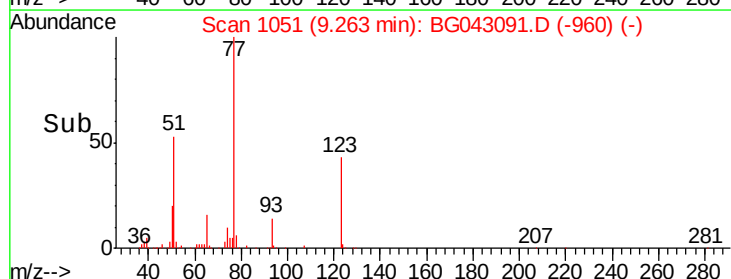
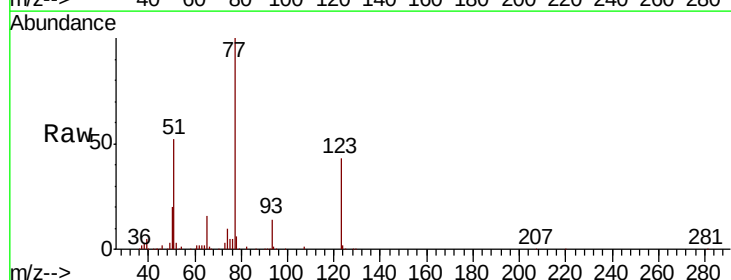
Manual Integrations
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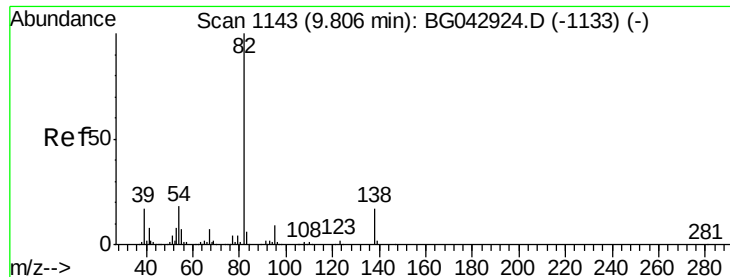
mohammad
 10/11/2019 8:29:58 AM



#24
 Nitrobenzene
 Concen: 44.222 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	31.9	47.9
65	15.9	12.4	18.6





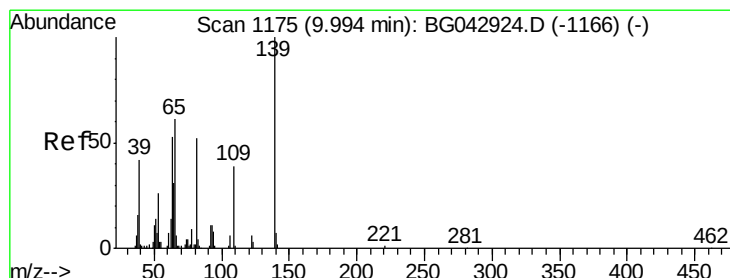
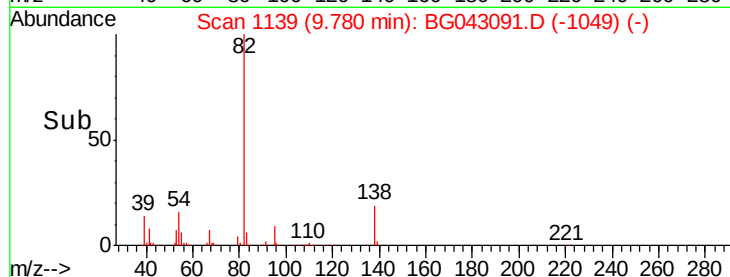
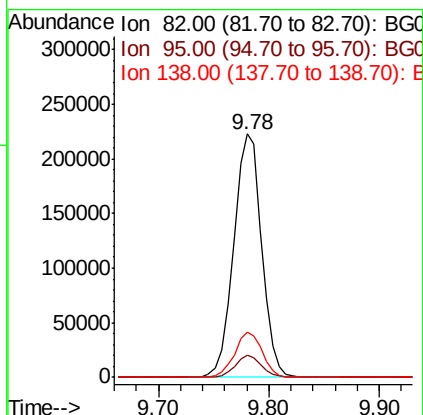
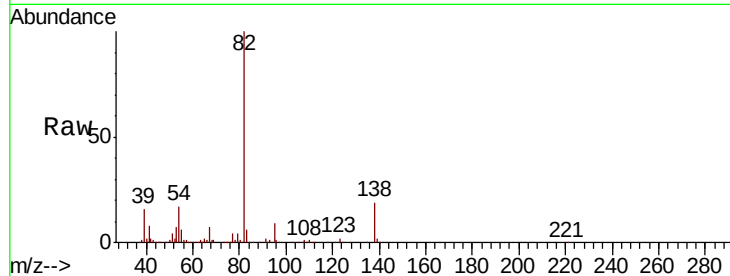
#25
Isophorone
Concen: 46.130 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	9.0	7.0	10.4
138	18.7	13.8	20.6

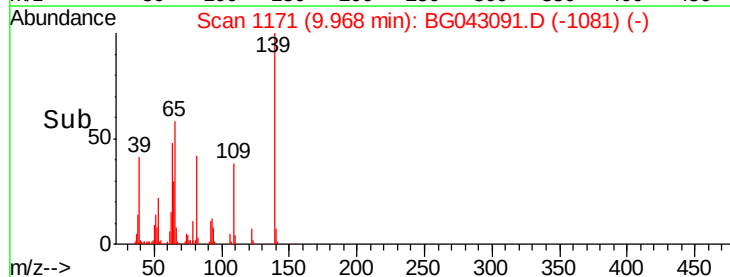
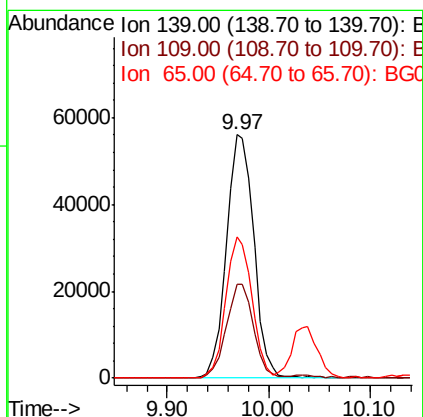
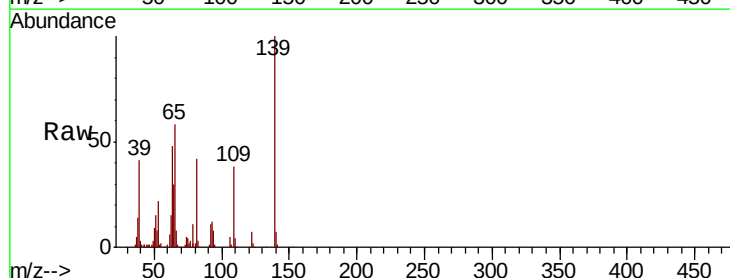
Manual Integrations
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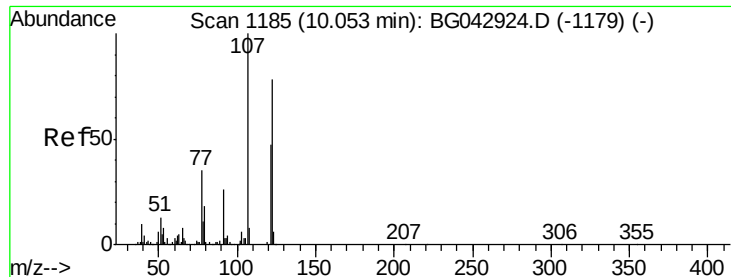
mohammad
10/11/2019 8:29:58 AM



#26
2-Nitrophenol
Concen: 53.190 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	38.5	31.0	46.6
65	57.8	48.4	72.6





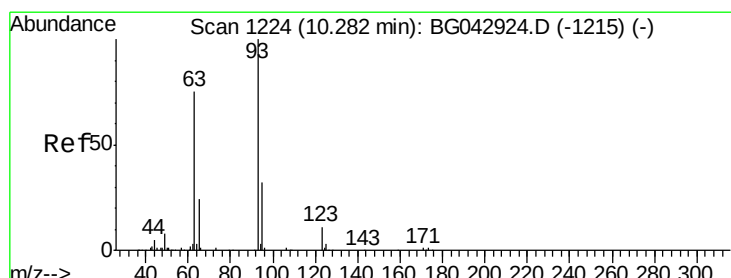
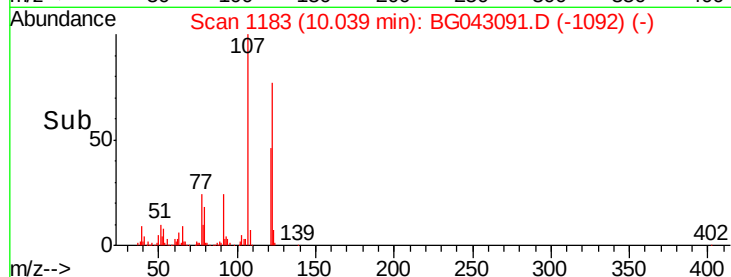
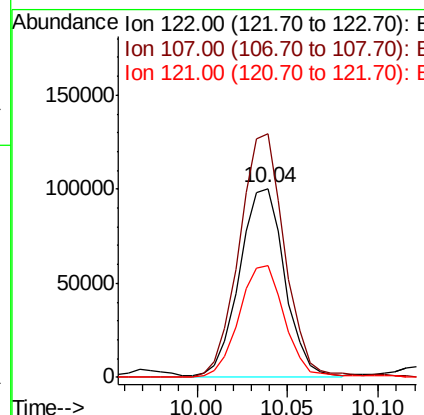
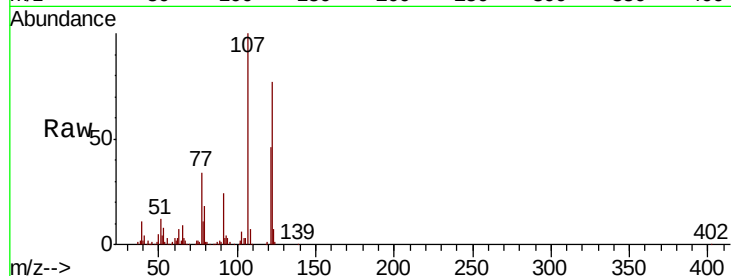
#27
2,4-Dimethylphenol
Concen: 57.192 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.1	102.2	153.2
121	59.3	48.5	72.7

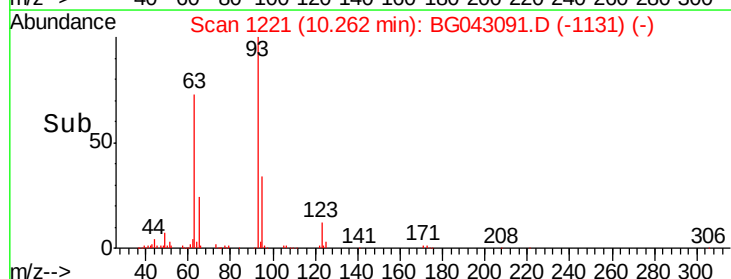
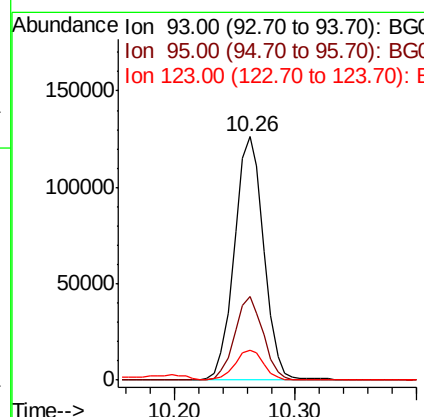
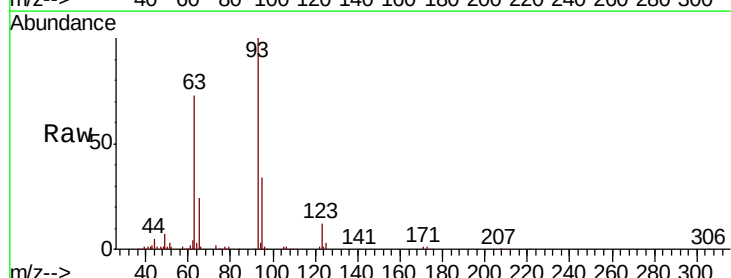
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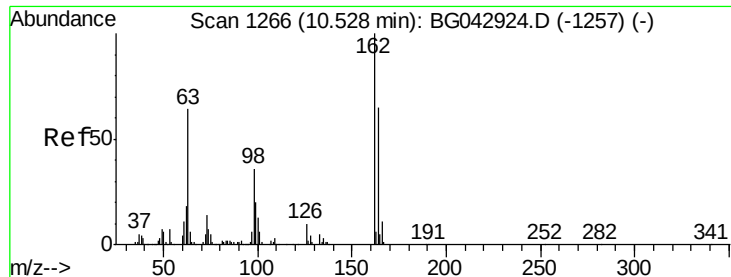
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.089 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	25.4	38.0
123	12.0	9.3	13.9





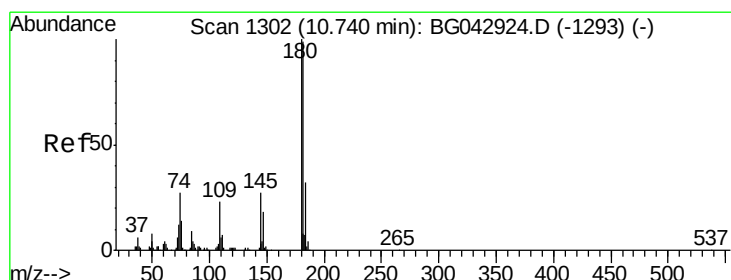
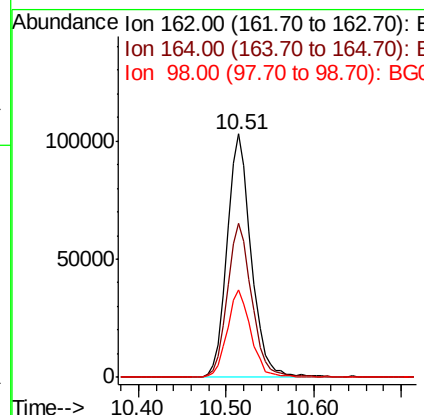
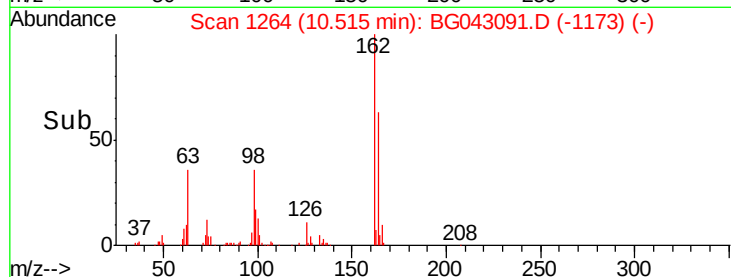
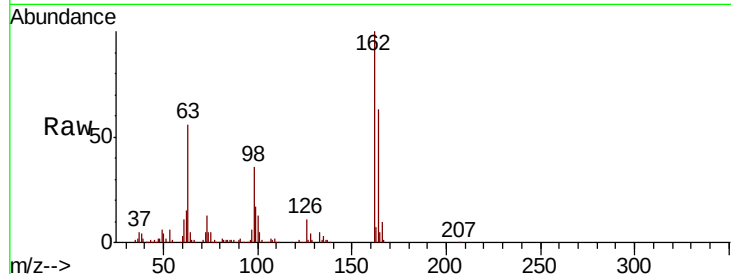
#29
2,4-Dichlorophenol
Concen: 51.733 ng
RT: 10.51 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	194872		
164	63.1	44.7	84.7	
98	36.1	16.0	56.0	

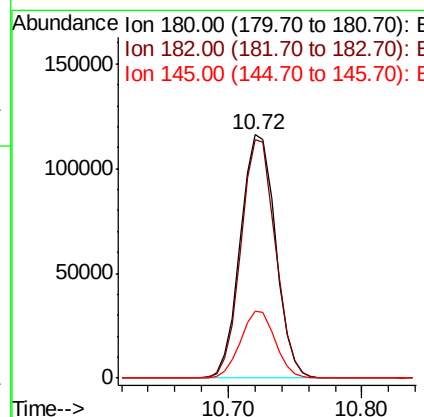
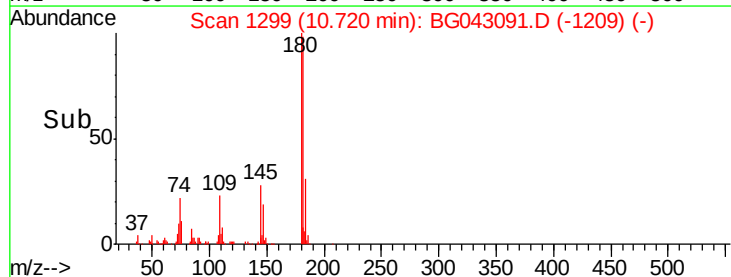
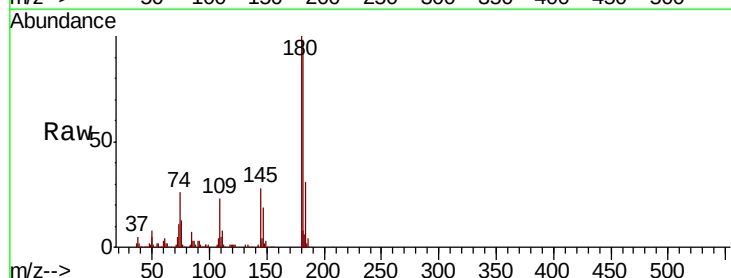
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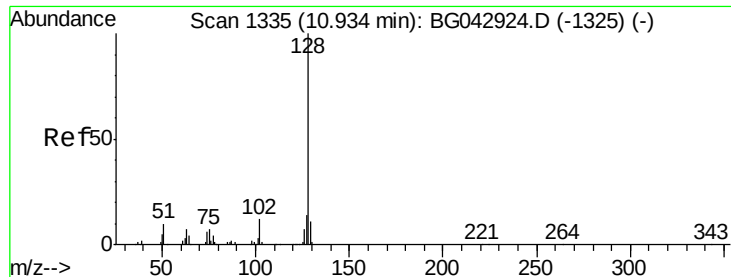
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#30
1,2,4-Trichlorobenzene
Concen: 43.407 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	211149		
182	97.9	79.3	118.9	
145	27.6	22.0	33.0	





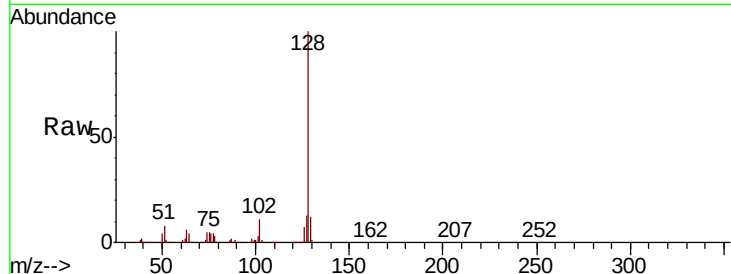
#31
Naphthalene
Concen: 45.954 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

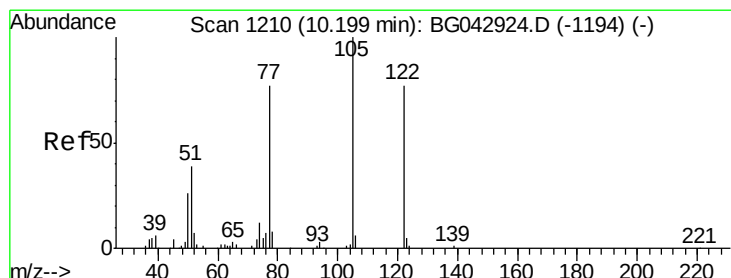
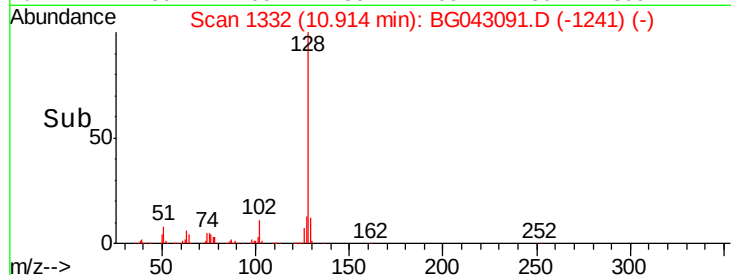
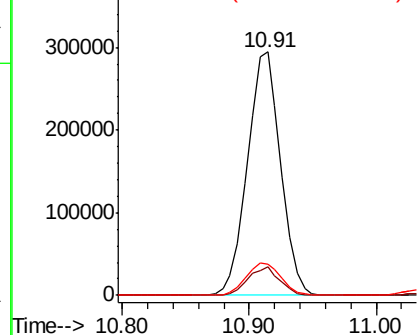
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	8.8	13.2	
127	13.0	11.3	16.9	

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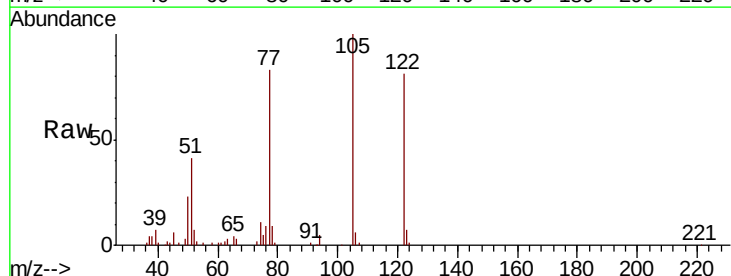


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

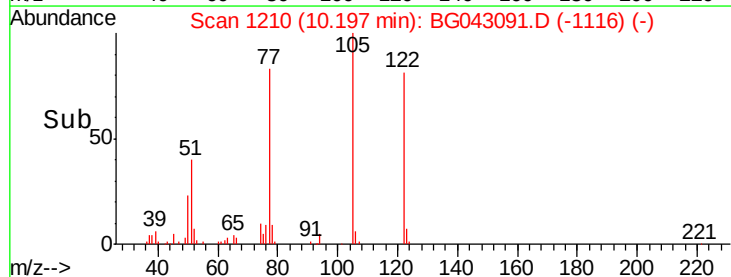
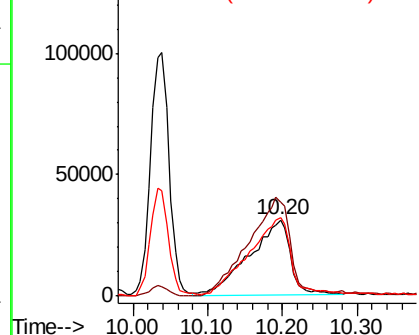


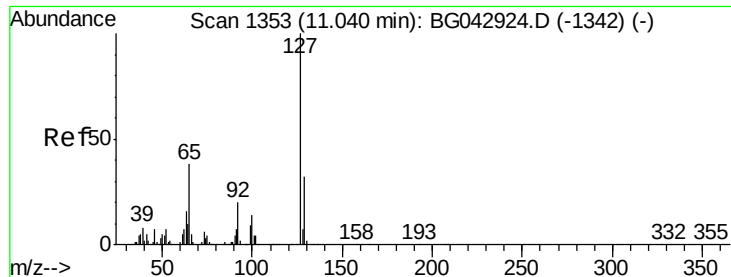
#32
Benzoic acid
Concen: 49.040 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.02 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	123.1	107.5	147.5	
77	102.5	79.8	119.8	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





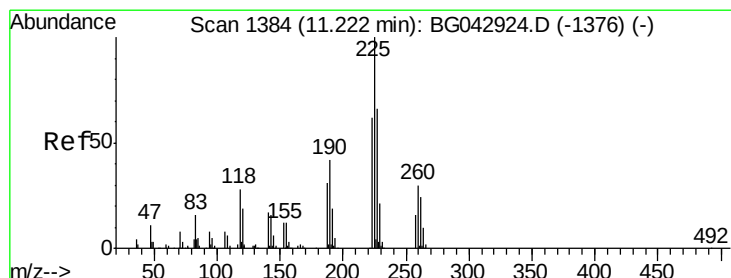
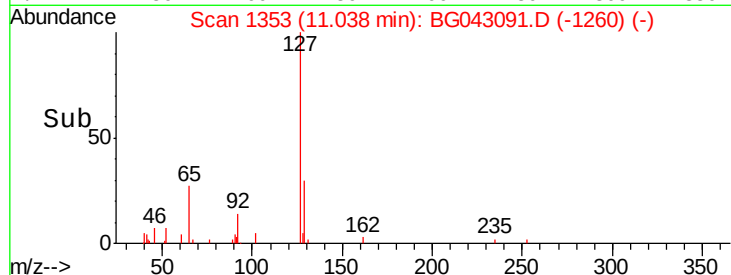
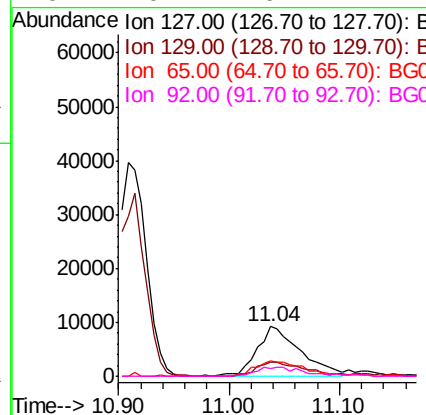
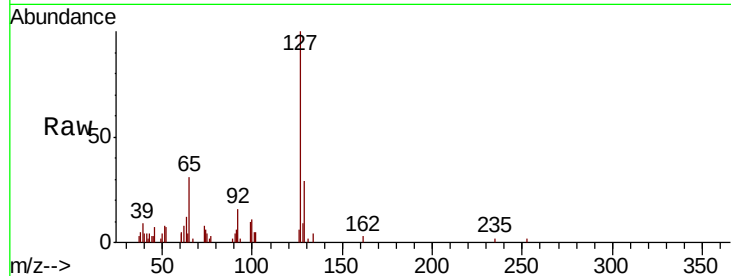
#33
4-Chloroaniline
Concen: 4.972 ng
RT: 11.04 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		25072		
129	29.2	26.2	39.2		
65	31.0	30.6	45.8		
92	16.1	16.2	24.4		

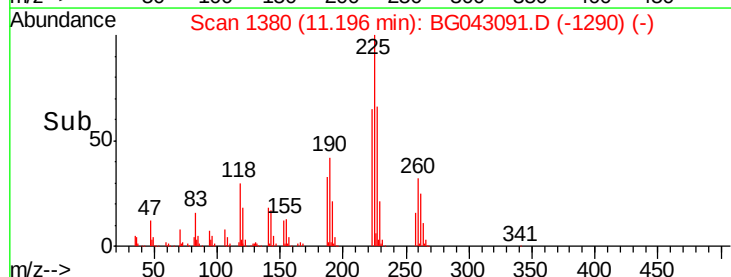
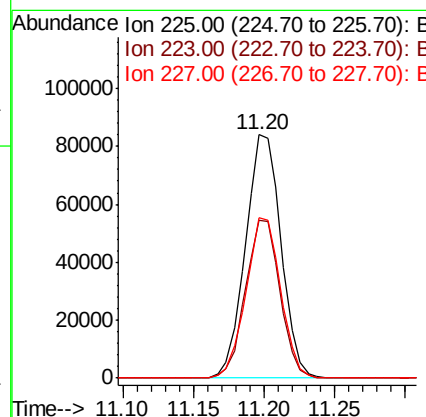
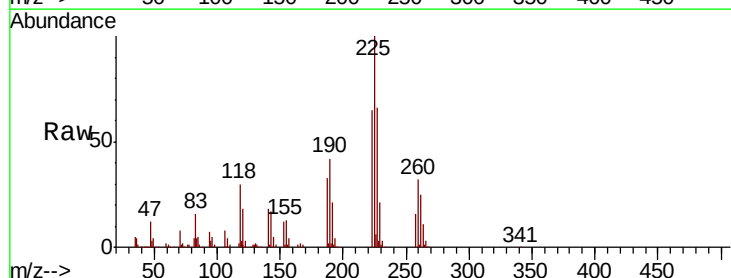
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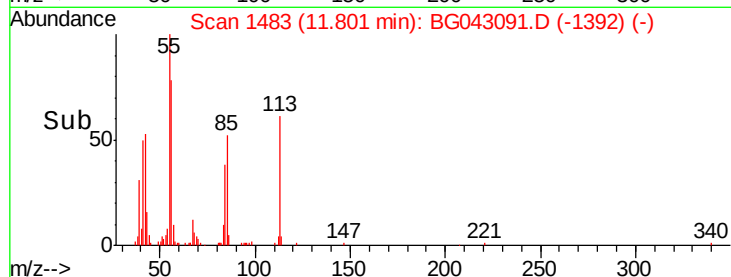
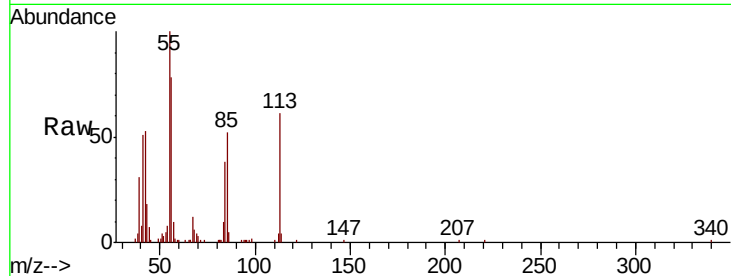
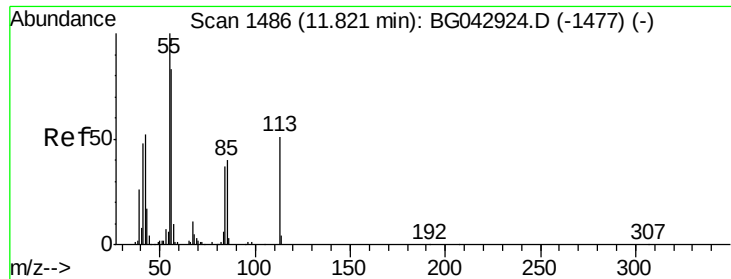
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#34
Hexachlorobutadiene
Concen: 40.668 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		148125		
223	64.6	49.3	73.9		
227	65.8	52.8	79.2		





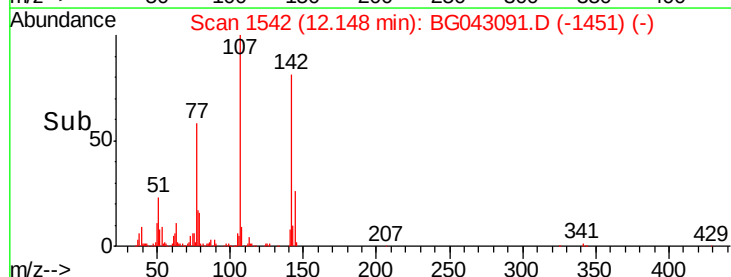
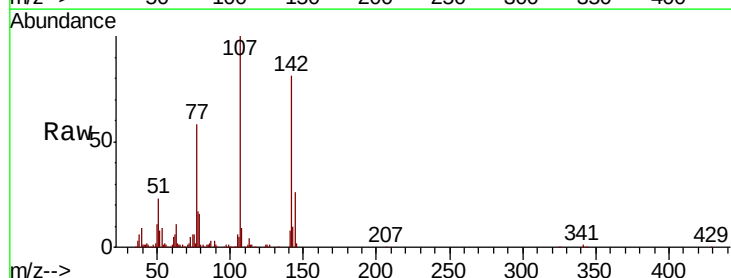
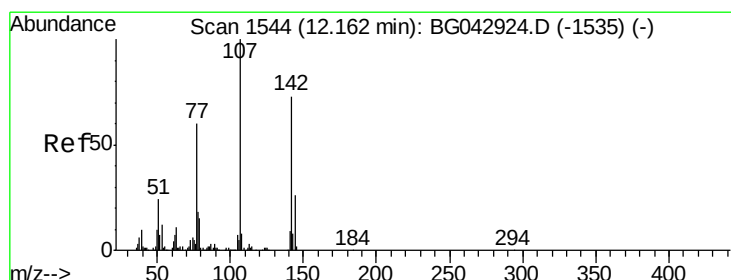
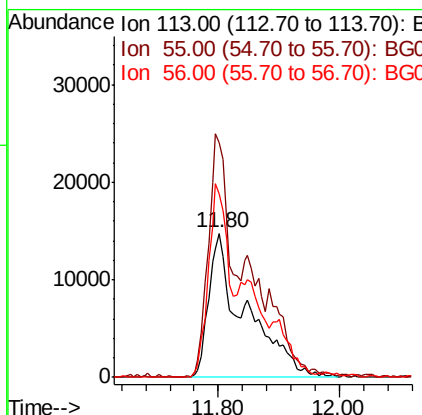
#35
Caprolactam
Concen: 46.824 ng/ml
RT: 11.80 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.0	175.5	215.5#
56	127.7	142.3	182.3#

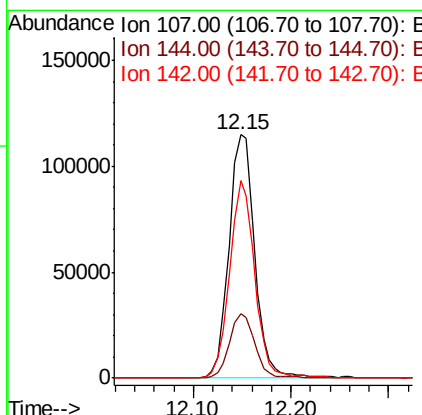
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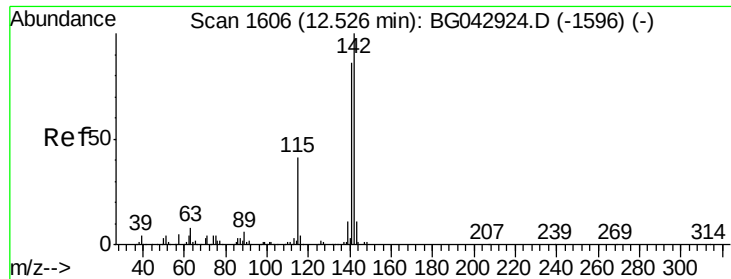
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#36
4-Chloro-3-methylphenol
Concen: 51.564 ng
RT: 12.15 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.7	31.1
142	81.1	58.6	87.8





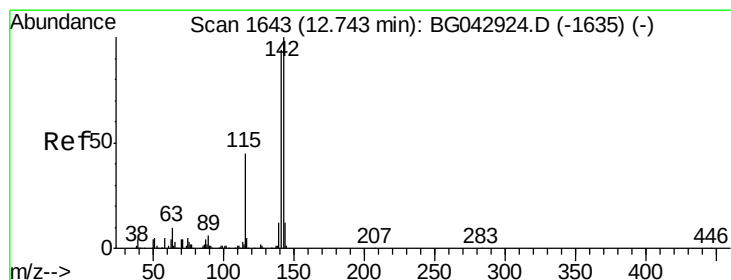
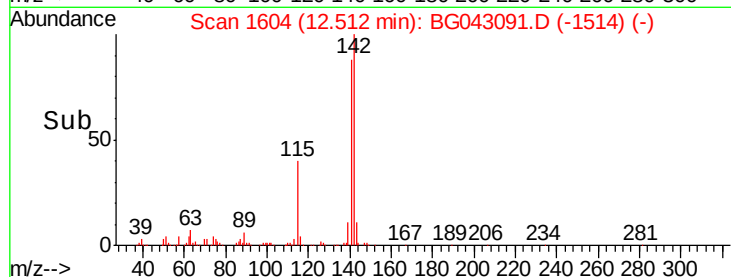
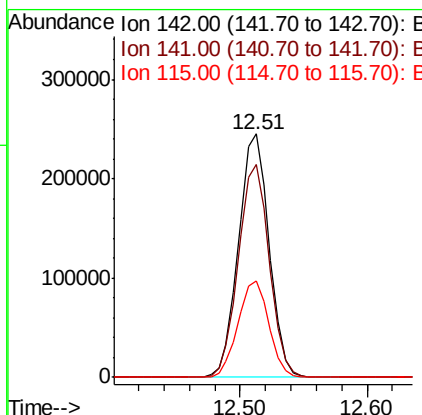
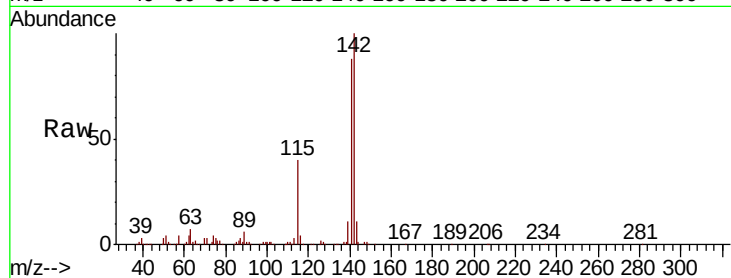
#37
2-Methylnaphthalene
Concen: 46.204 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.0	103.4
115	39.8	32.8	49.2

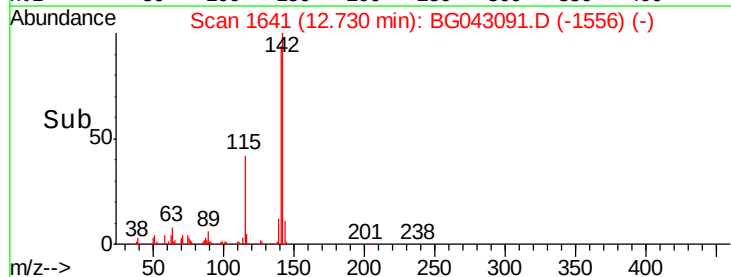
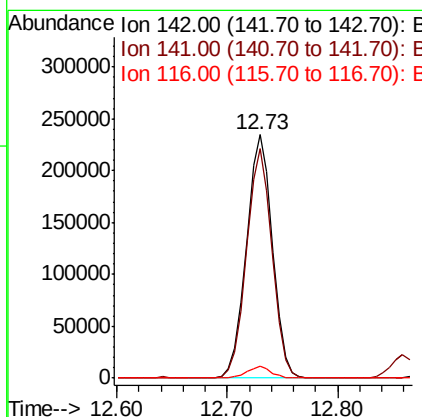
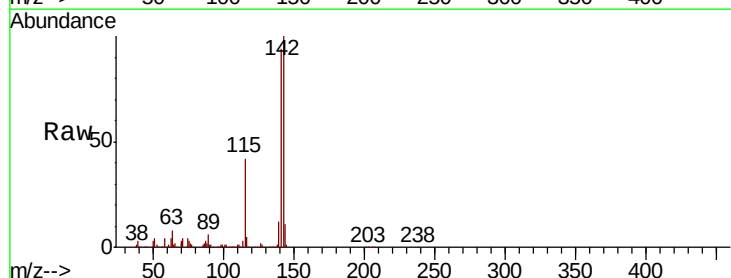
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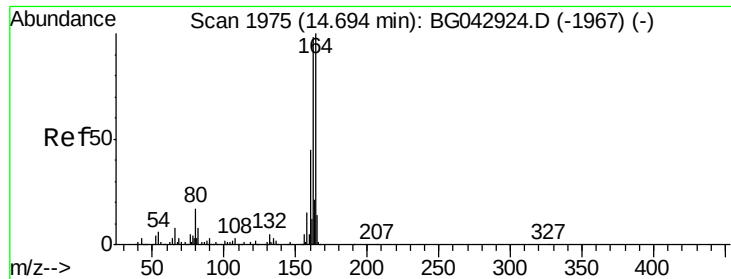
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#38
1-Methylnaphthalene
Concen: 46.146 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.9	112.3
116	4.8	3.7	5.5





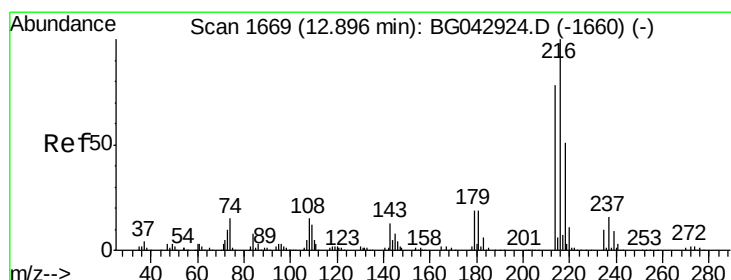
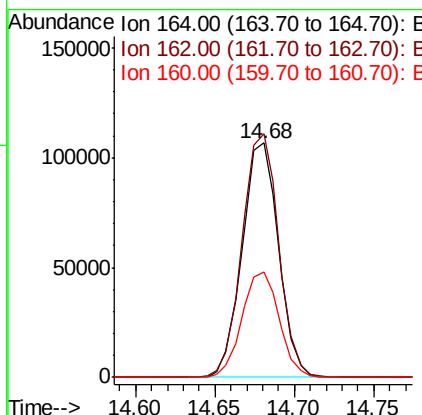
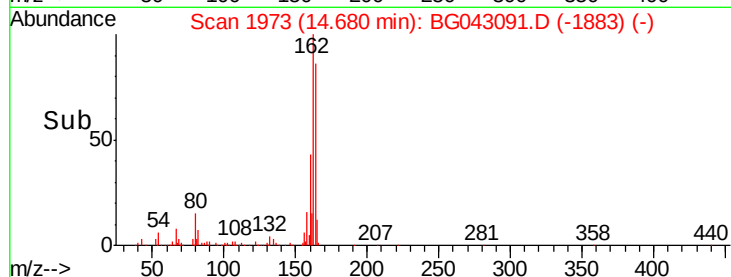
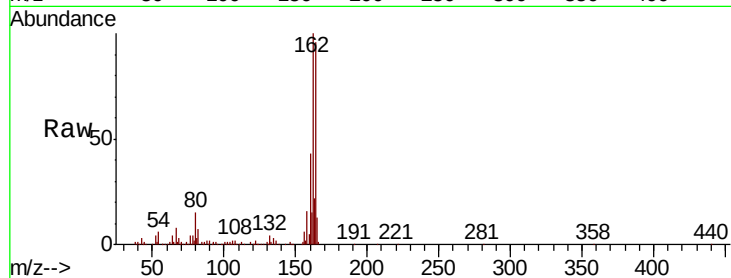
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.5	117.7
160	44.9	35.9	53.9

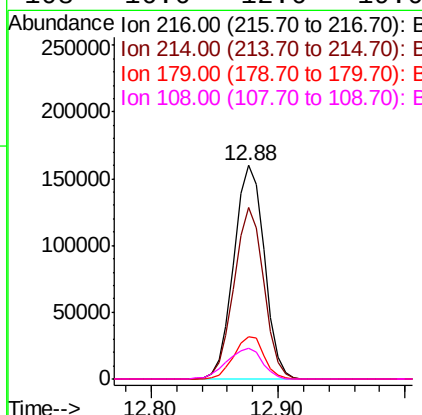
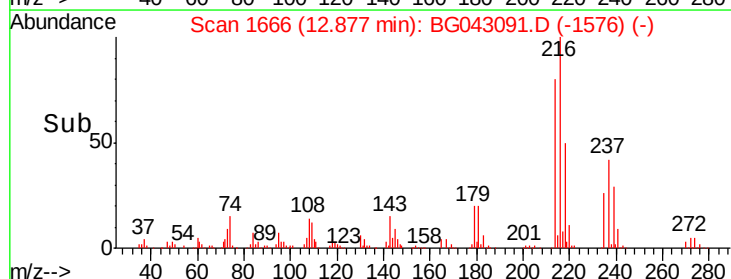
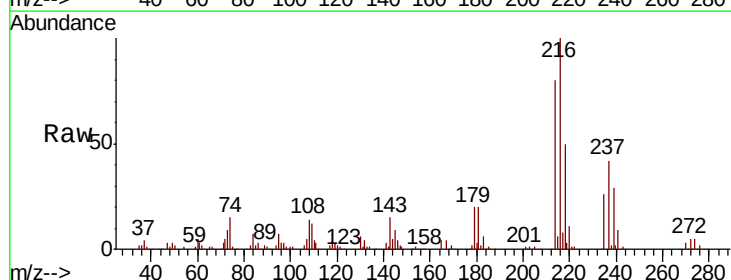
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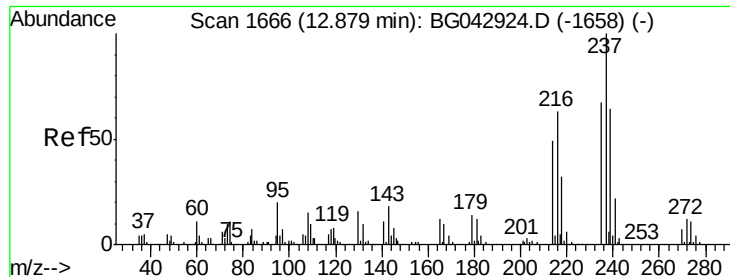
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.605 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.4	93.6
179	19.6	15.4	23.2
108	16.6	12.6	19.0





#41

Hexachlorocyclopentadiene

Concen: 87.261 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

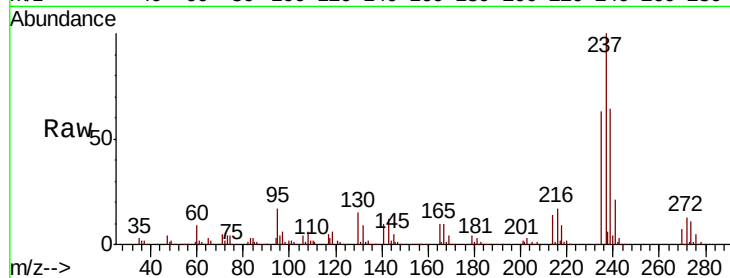
ClientSampleId :

JC-02-100419MSD

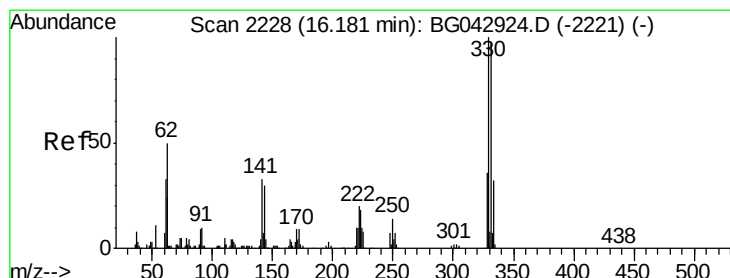
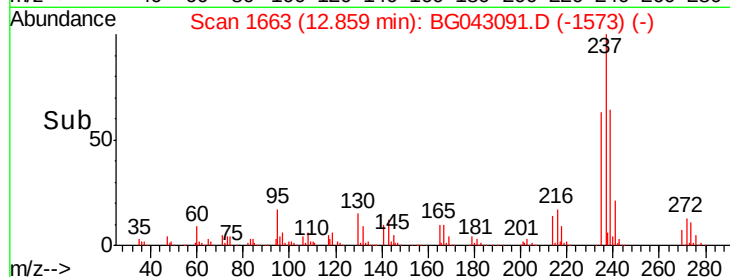
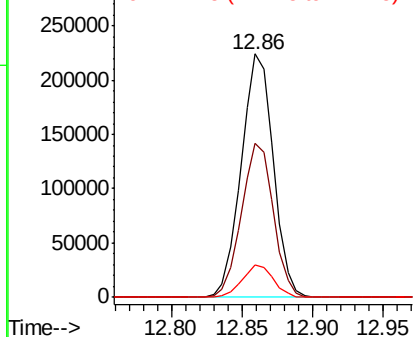
Tot Ion:	237	Resp:	355809
Ion Ratio	Lower	Upper	
237	100		
235	63.1	46.7	86.7
272	13.1	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 140.523 ng

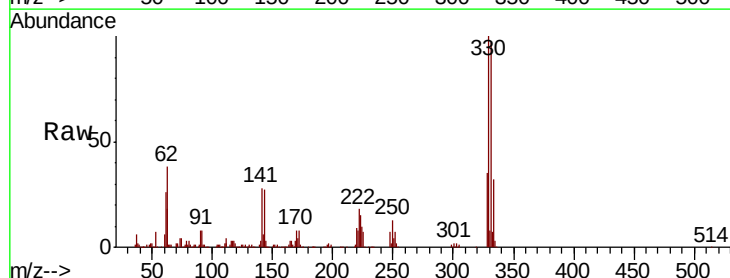
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

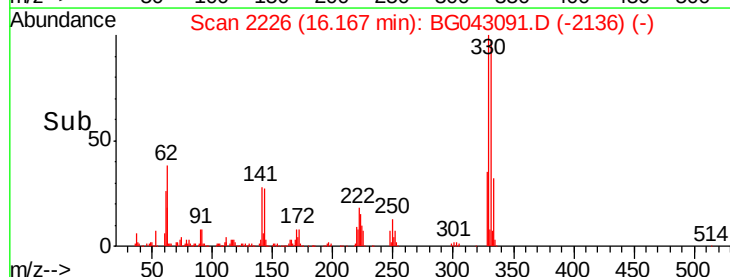
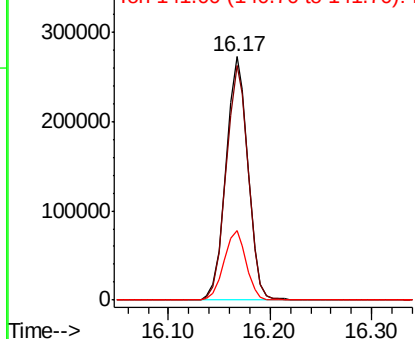
Lab File: BG043091.D

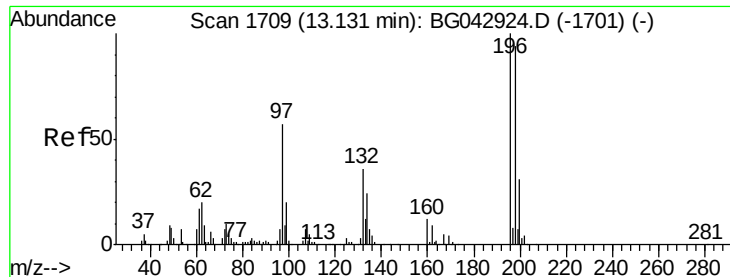
Acq: 8 Oct 2019 18:39

Tgt Ion:	330	Resp:	411280
Ion Ratio	Lower	Upper	
330	100		
332	96.6	78.2	117.2
141	28.5	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





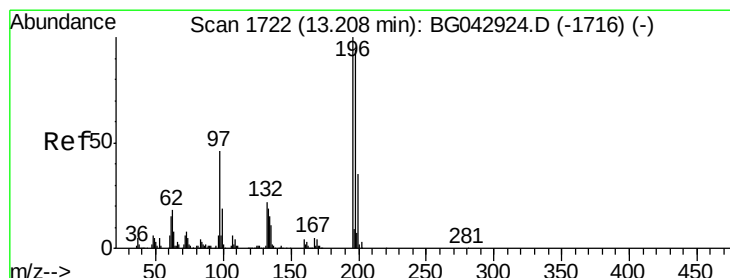
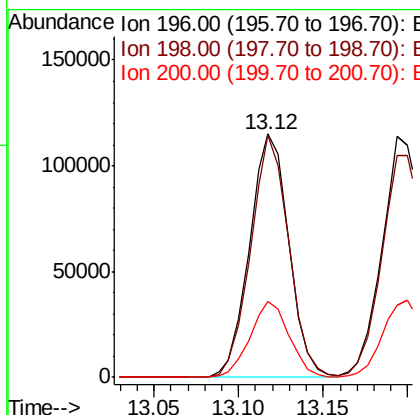
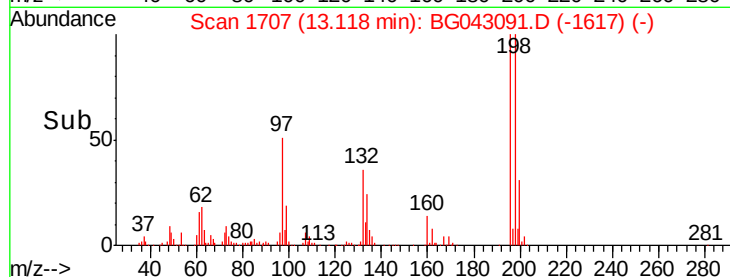
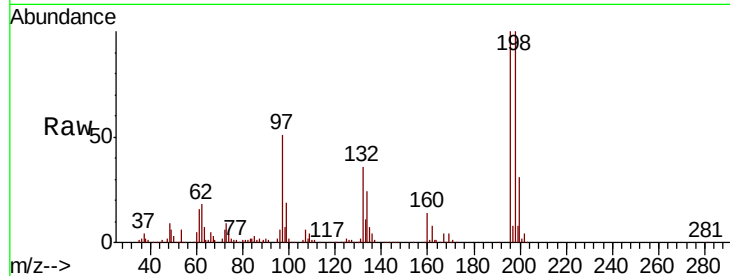
#43
 2,4,6-Trichlorophenol
 Concen: 49.726 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-100419MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	186259		
198	99.5	75.5	113.3	
200	31.3	24.9	37.3	

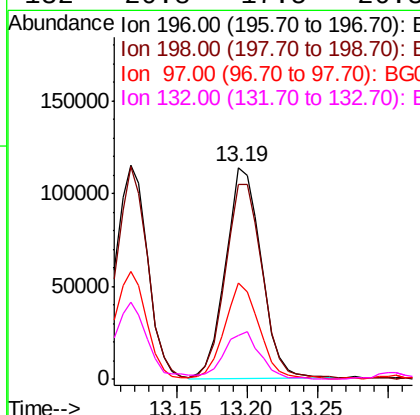
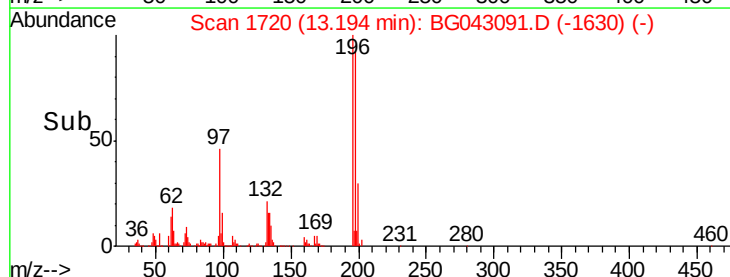
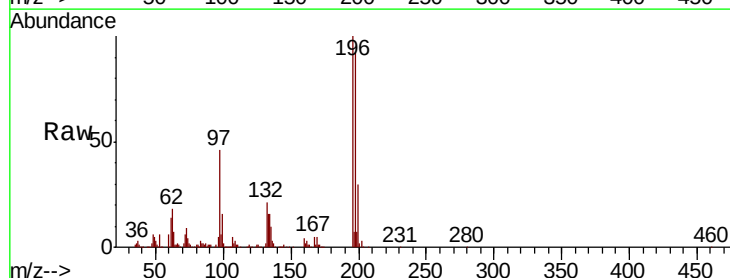
Manual Integrations
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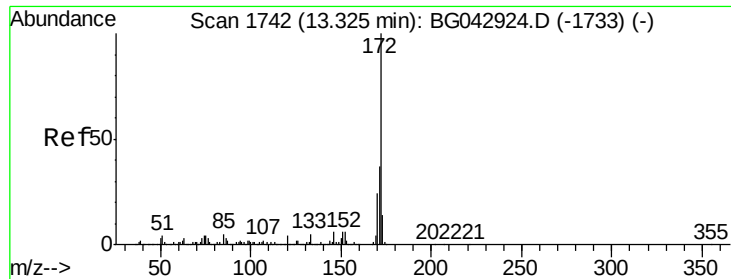
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 51.734 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	199625		
198	91.8	75.1	112.7	
97	45.7	37.0	55.4	
132	20.8	17.5	26.3	





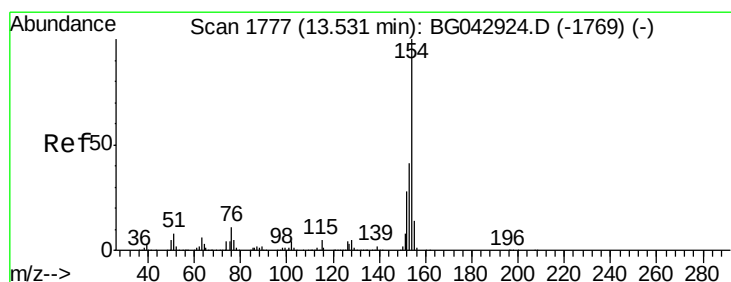
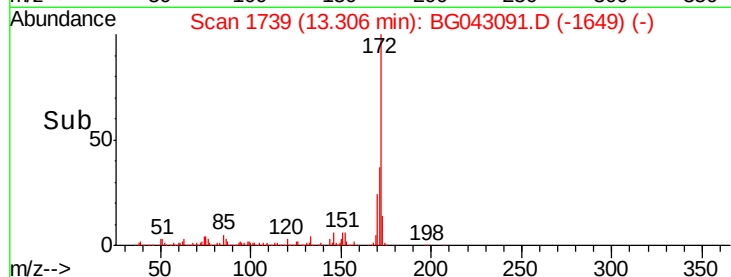
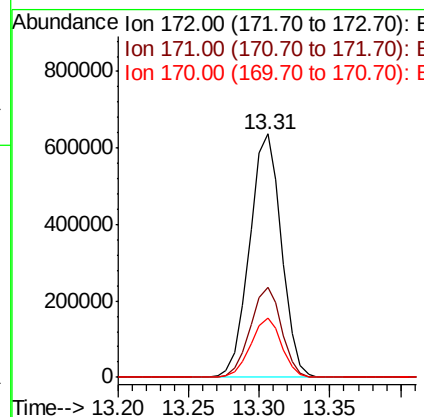
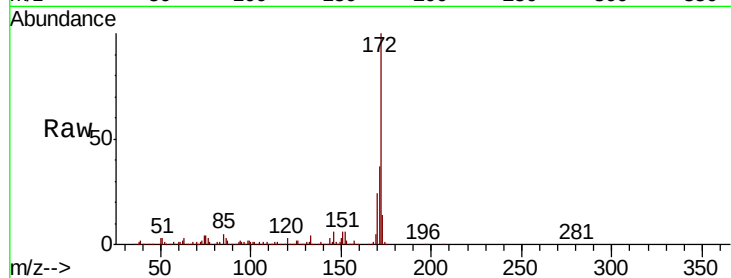
#45
2-Fluorobiphenyl
Concen: 85.777 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.2	19.6	29.4

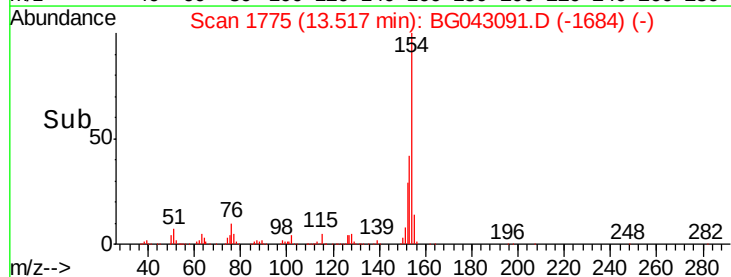
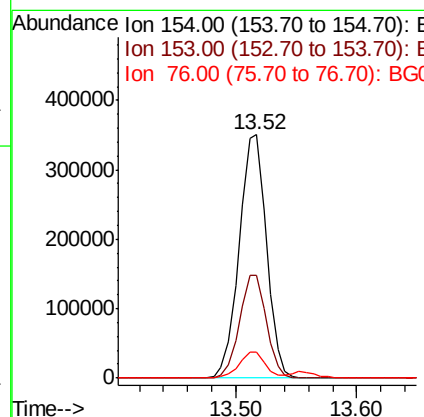
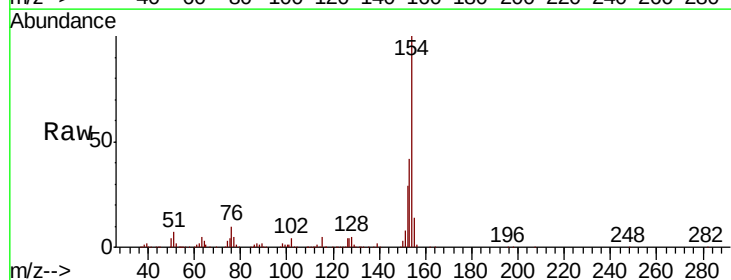
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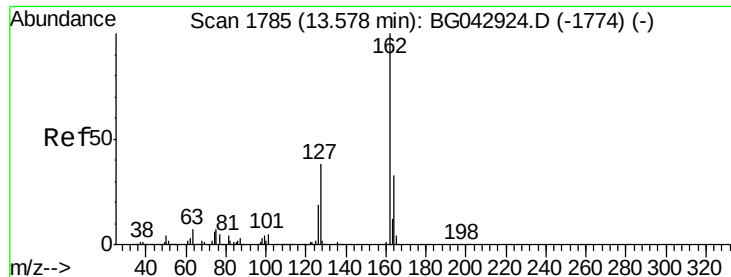
mohammad
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#46
1,1'-Biphenyl
Concen: 42.792 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.4	61.4
76	10.4	0.0	31.3





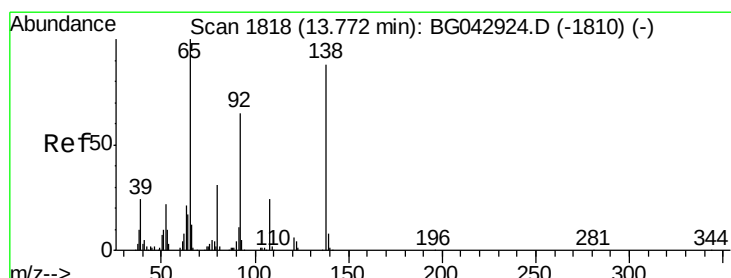
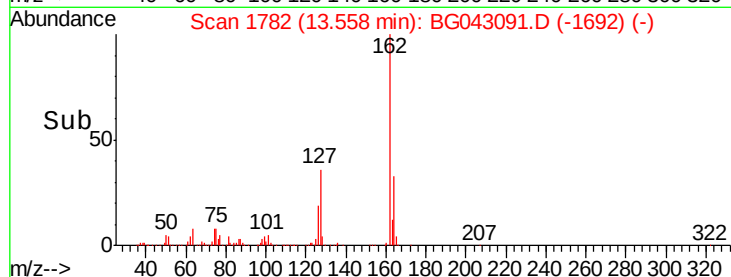
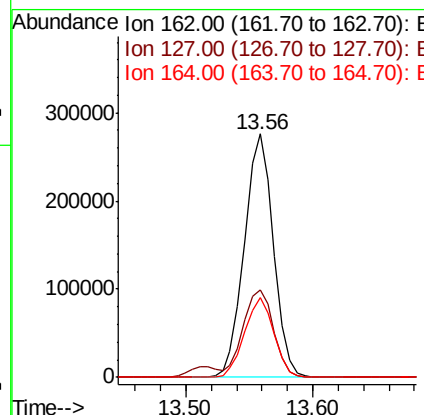
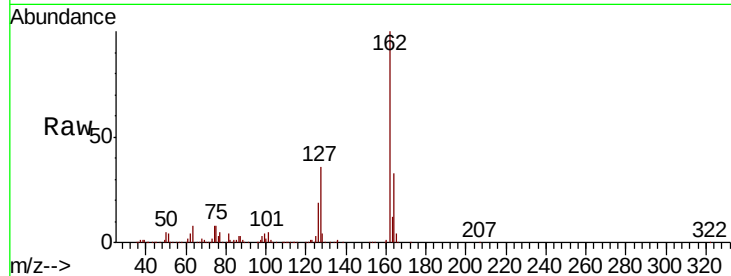
#47
2-Chloronaphthalene
Concen: 45.166 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.0	31.0	46.6
164	32.8	26.2	39.2

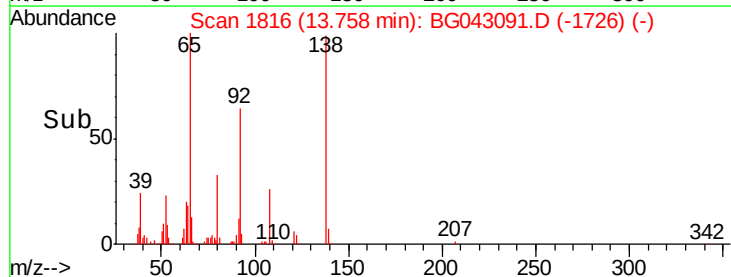
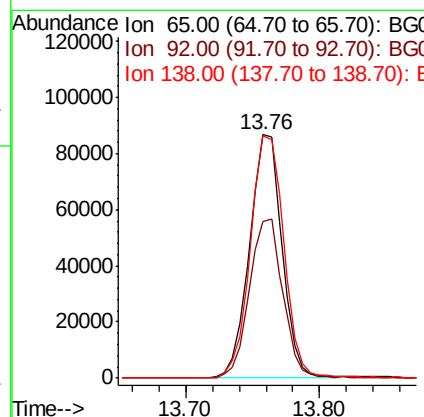
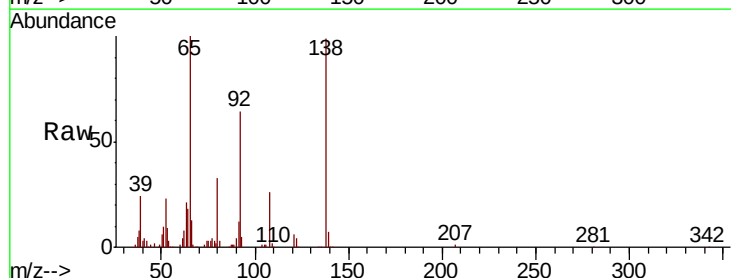
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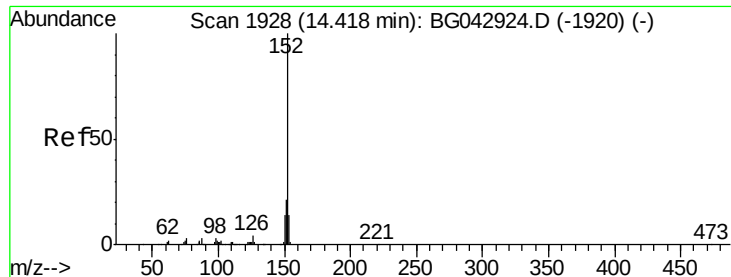
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#48
2-Nitroaniline
Concen: 45.192 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.3	52.0	78.0
138	99.4	70.4	105.6





#49

Acenaphthylene

Concen: 47.420 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

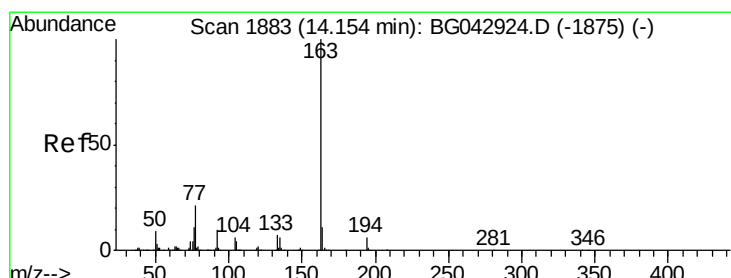
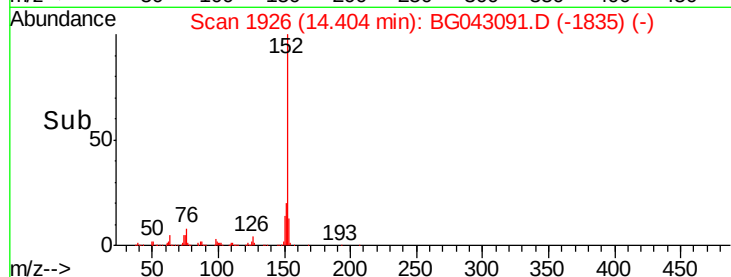
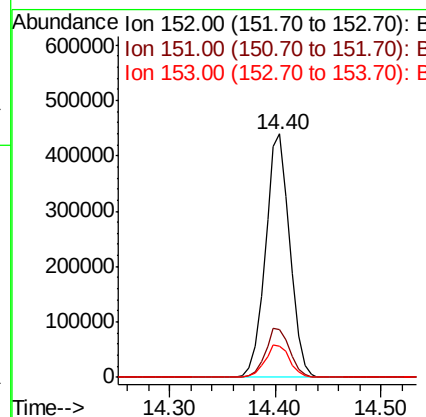
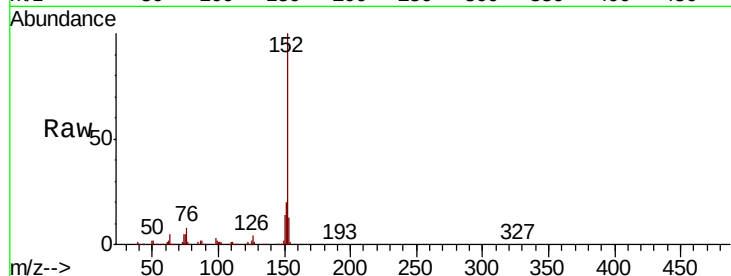
ClientSampleId :

JC-02-100419MSD

Tot Ion:	152	Resp:	702180
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.8	25.2
153	12.8	11.3	16.9

Manual Integrations
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#50

Dimethylphthalate

Concen: 68.338 ng

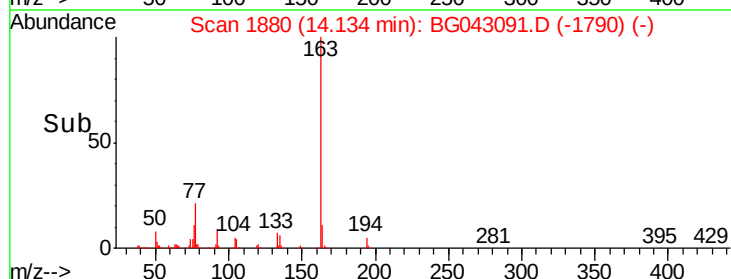
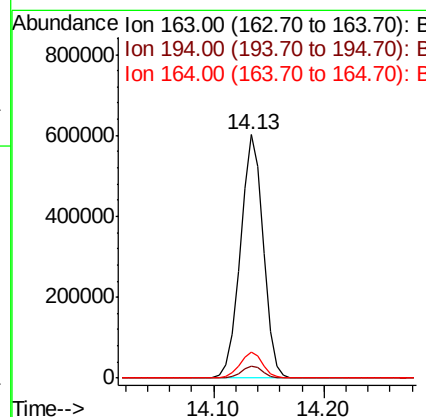
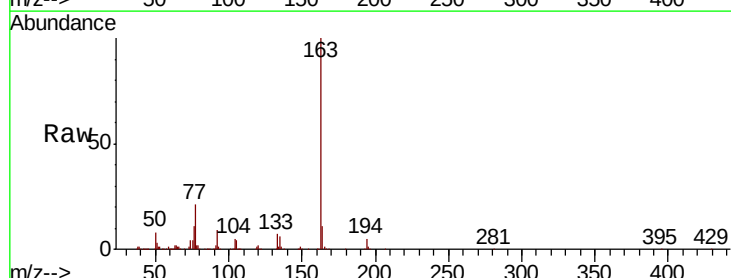
RT: 14.13 min Scan# 1880

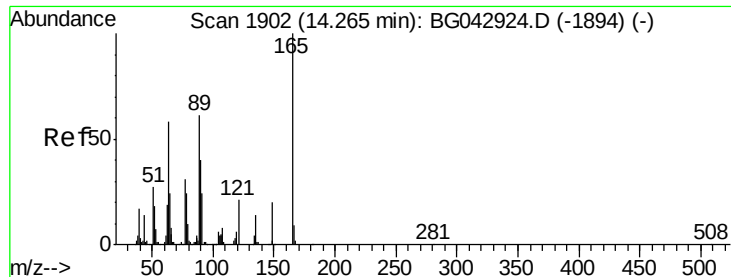
Delta R.T. -0.00 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Tgt Ion:	163	Resp:	871500
Ion Ratio	Lower	Upper	
163	100		
194	5.1	4.4	6.6
164	10.9	8.6	12.8





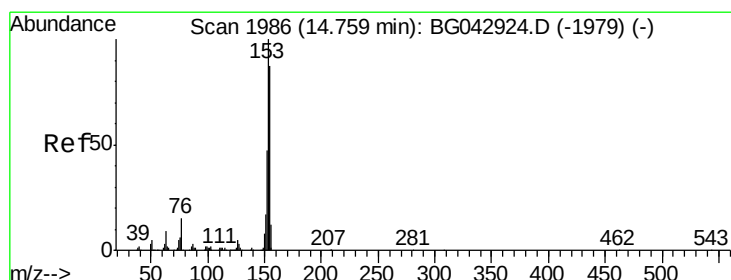
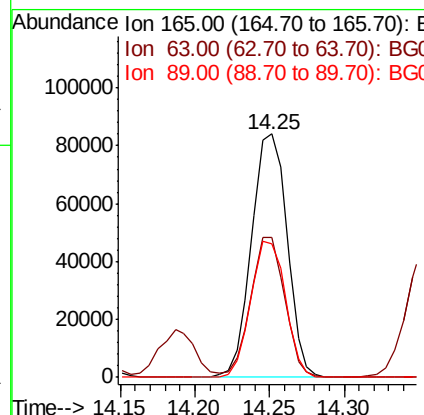
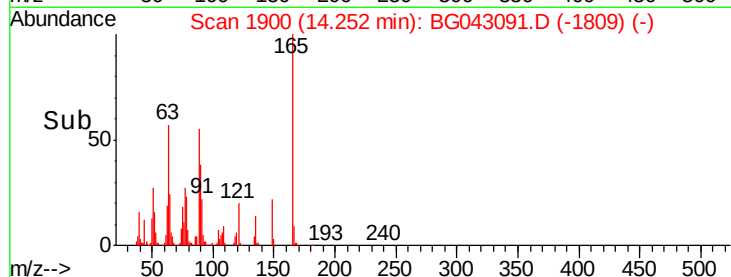
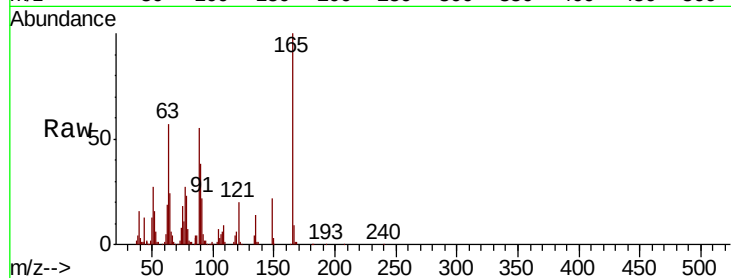
#51
 2,6-Dinitrotoluene
 Concen: 50.897 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. 0.01 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.4	50.3	75.5
89	54.9	48.9	73.3

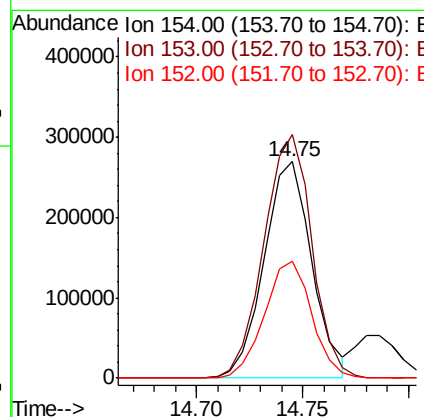
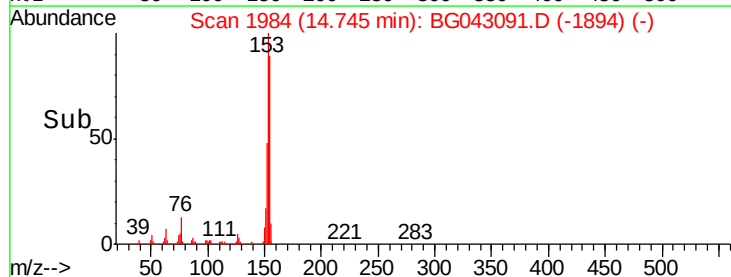
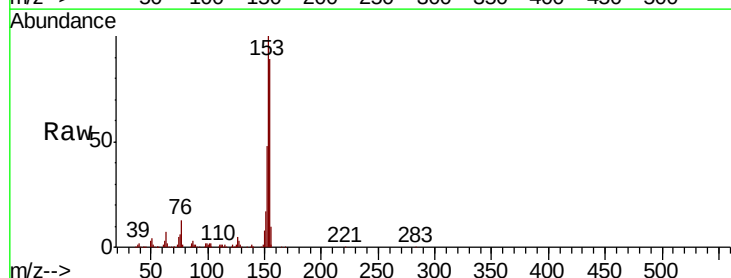
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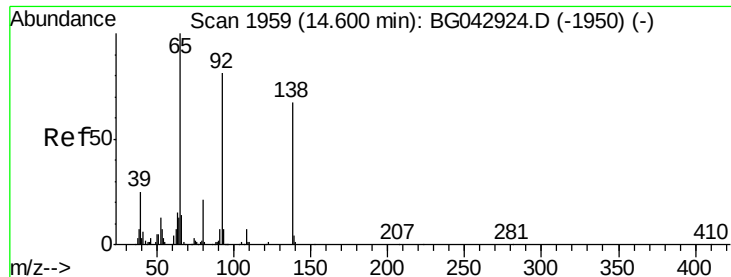
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#52
 Acenaphthene
 Concen: 42.963 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	91.4	137.0
152	54.1	42.8	64.2





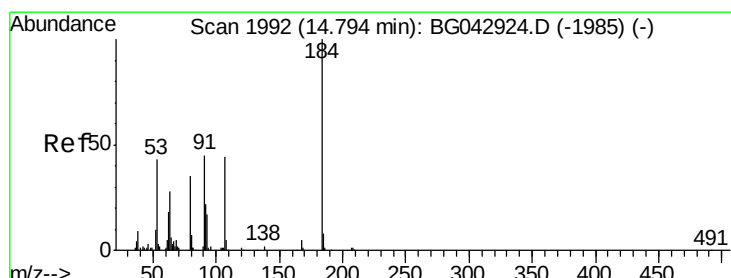
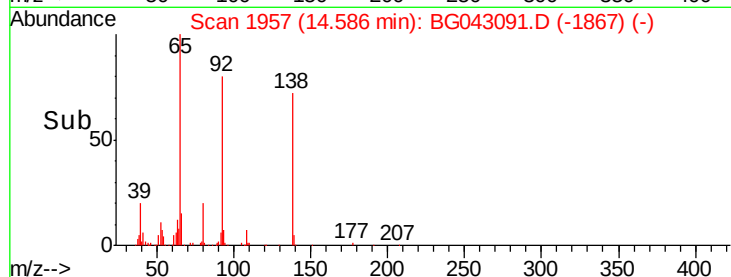
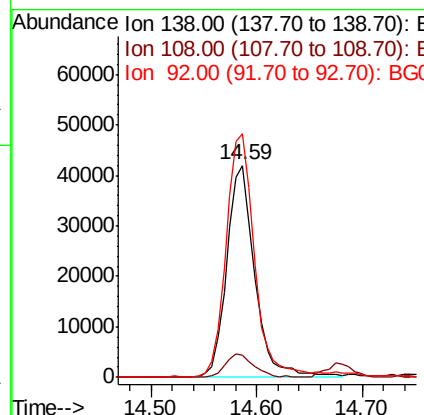
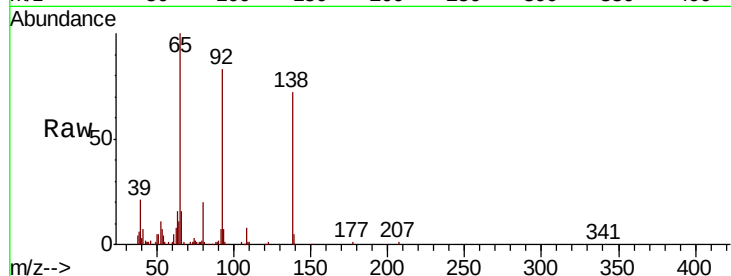
#53
3-Nitroaniline
Concen: 27.542 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.9	11.9
92	114.7	97.0	145.6

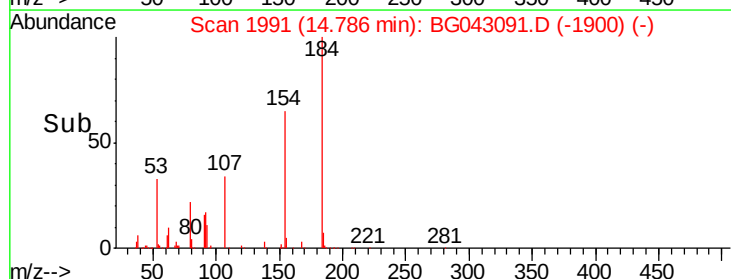
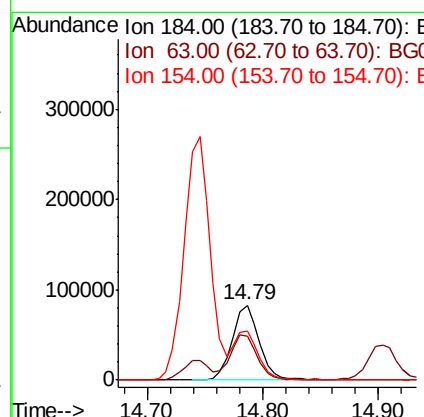
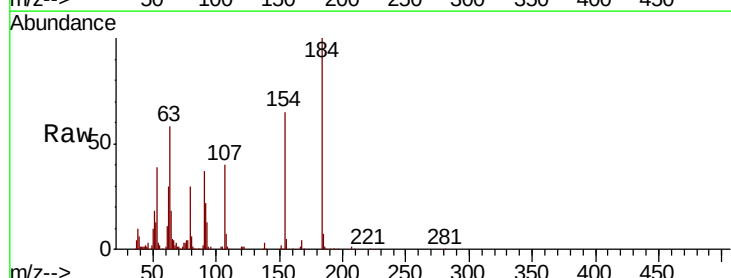
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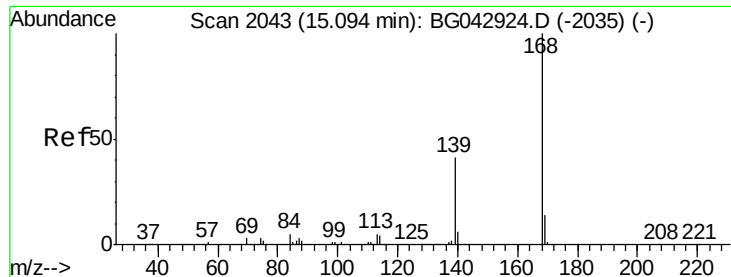
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#54
2,4-Dinitrophenol
Concen: 79.110 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.7	55.0	82.6
154	64.6	56.5	84.7





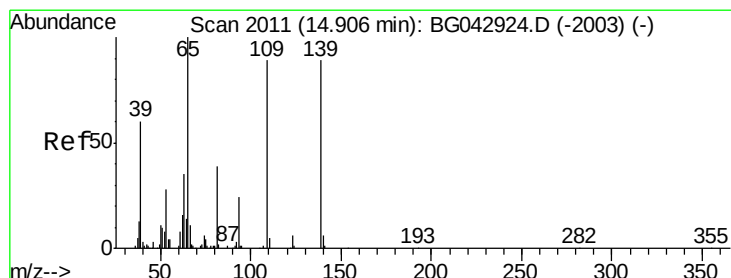
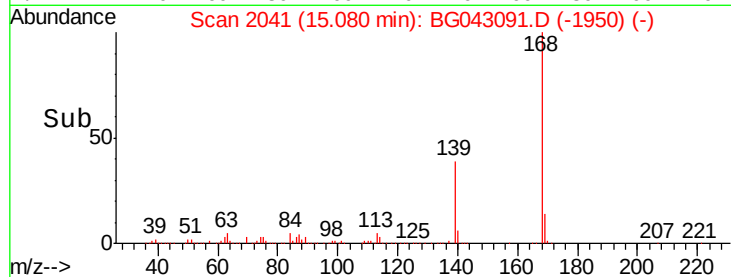
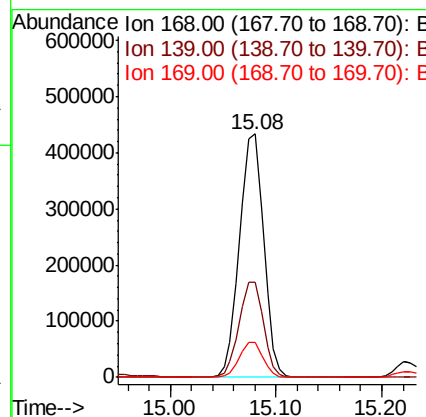
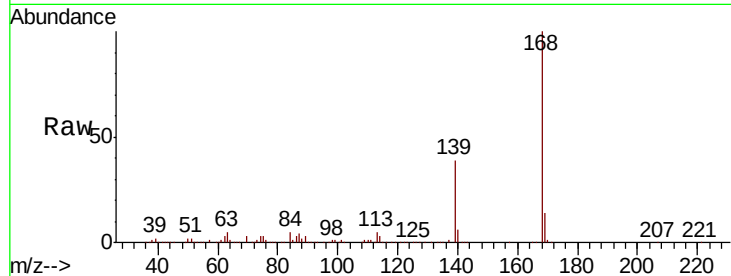
#55
Dibenzofuran
Concen: 46.787 ng
RT: 15.08 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	685997		
139	39.0		32.6	48.8
169	14.2		11.2	16.8

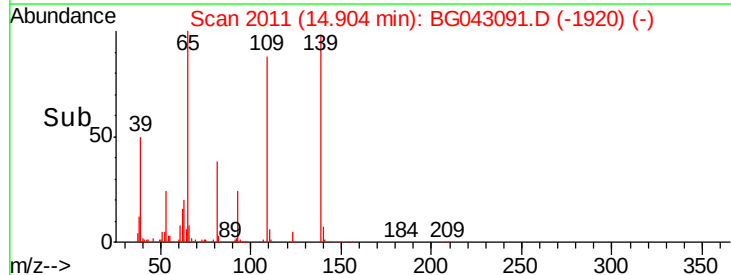
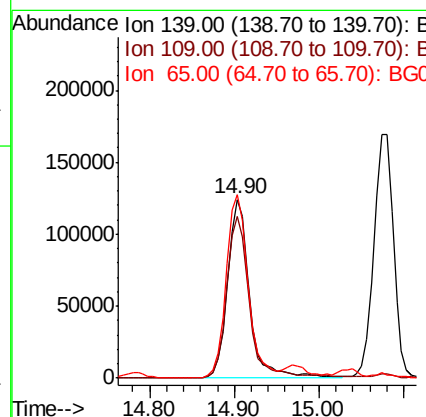
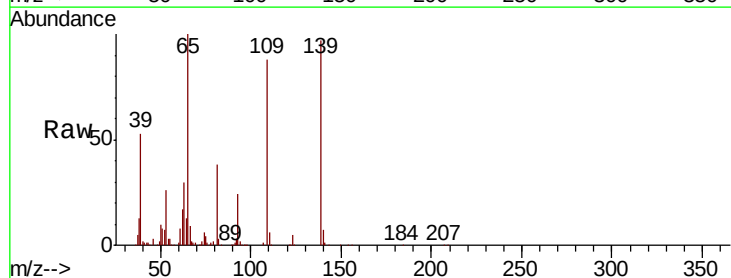
Manual Integrations
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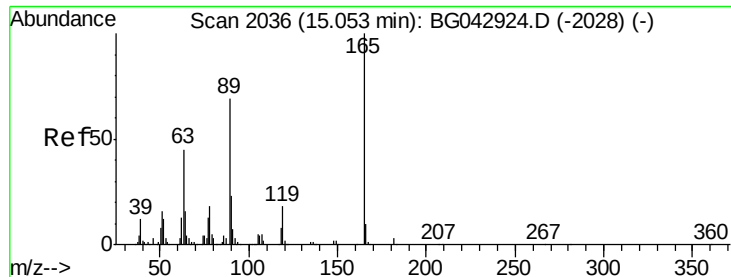
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#56
4-Nitrophenol
Concen: 104.427 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	223316		
109	90.9		79.4	119.4
65	102.9		92.5	132.5





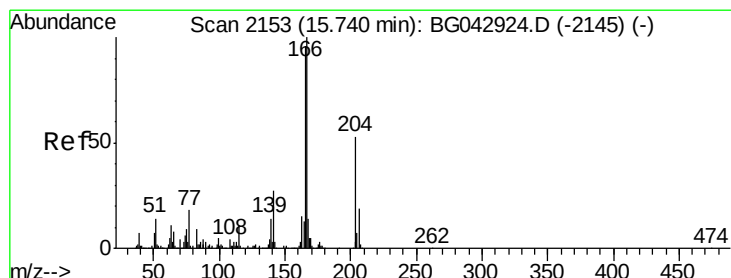
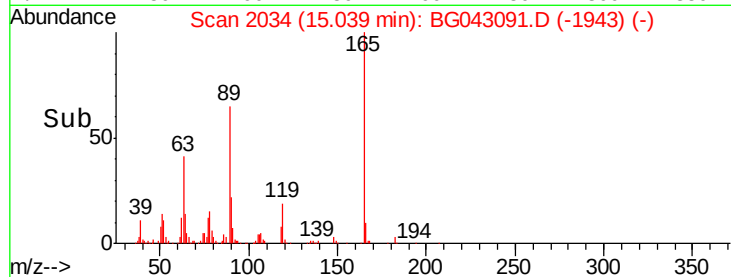
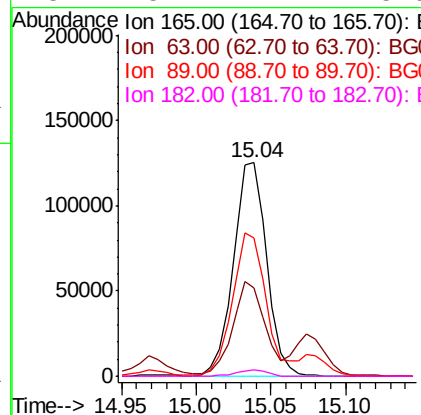
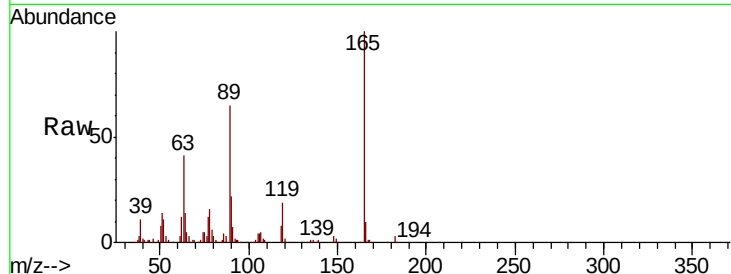
#57
2,4-Dinitrotoluene
Concen: 48.997 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	194862		
63	41.3	36.5	54.7	
89	64.8	55.5	83.3	
182	3.1	2.4	3.6	

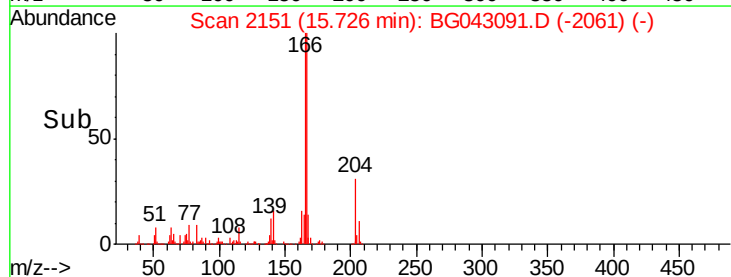
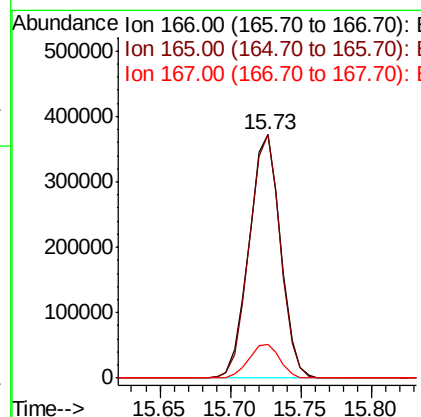
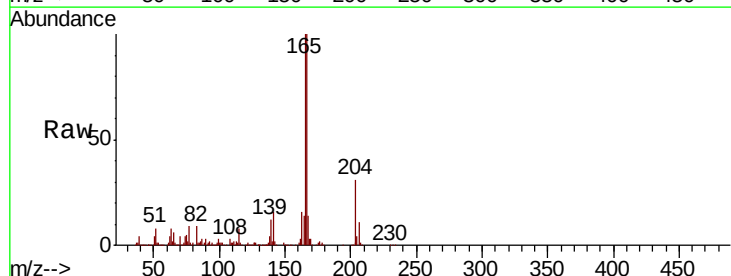
Manual Integrations
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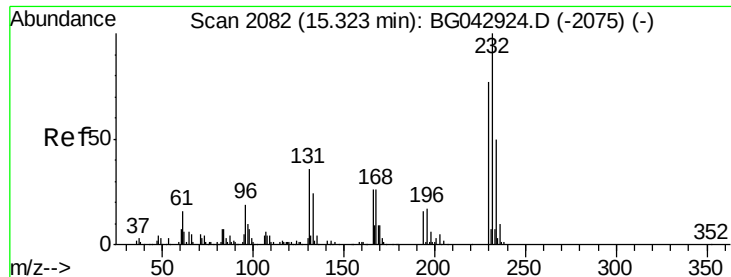
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#58
Fluorene
Concen: 46.463 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	581617		
165	100.2	77.1	115.7	
167	13.9	11.0	16.6	





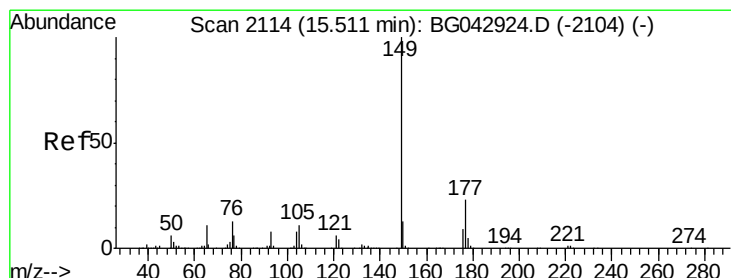
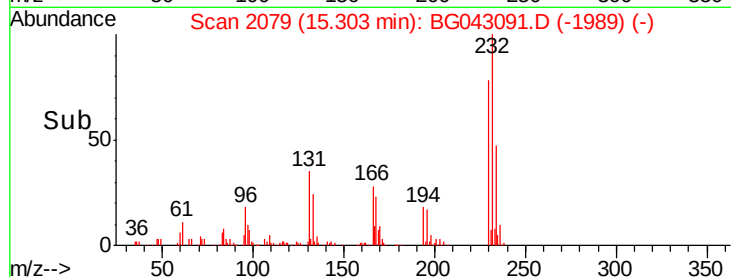
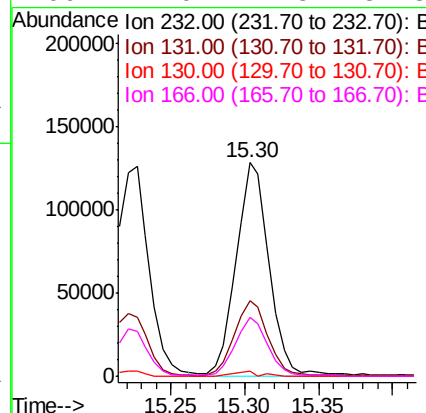
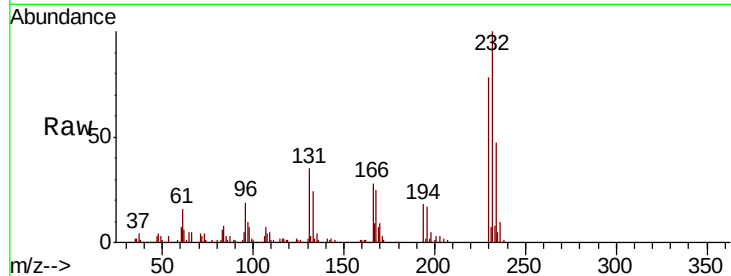
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.169 ng
RT: 15.30 min Scan# 2079
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	202009		
131	30.9		29.6	44.4
130	2.1		1.9	2.9
166	22.0		21.8	32.8

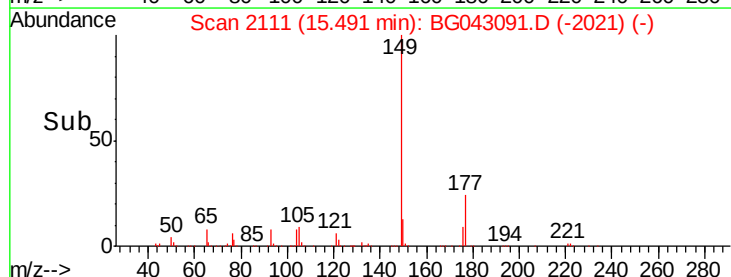
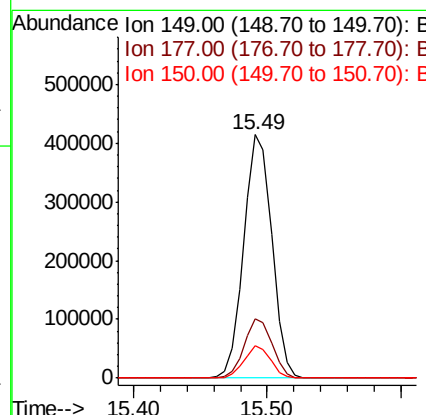
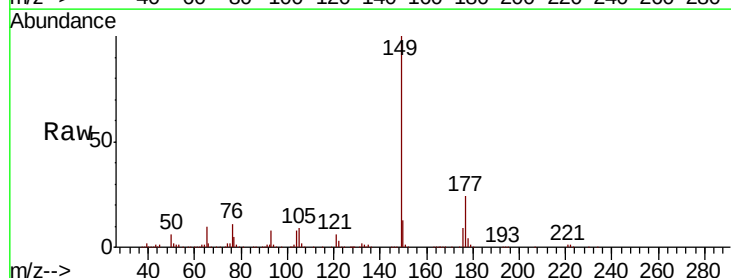
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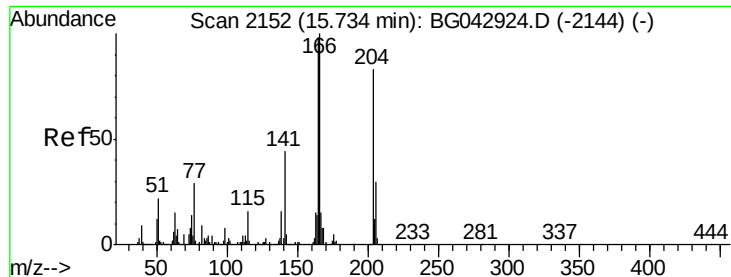
mohammad
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#60
Diethylphthalate
Concen: 46.158 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	599062		
177	24.3		18.8	28.2
150	13.1		10.6	15.8





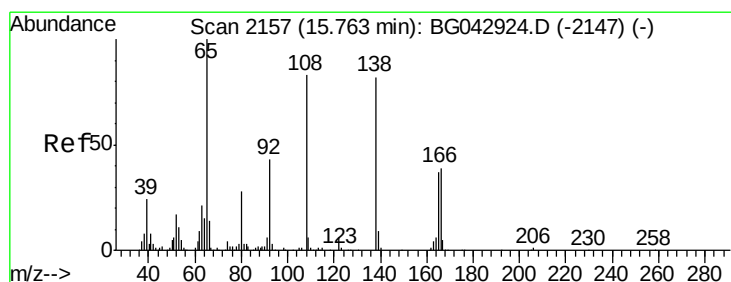
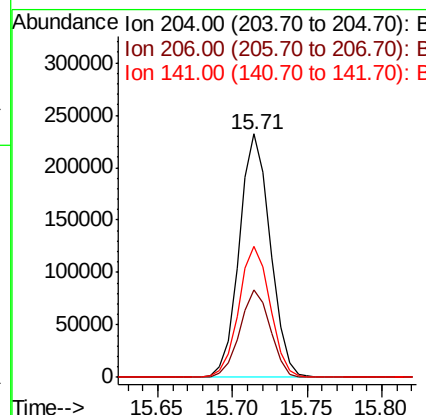
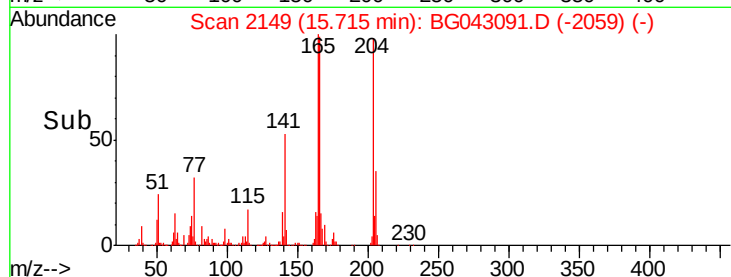
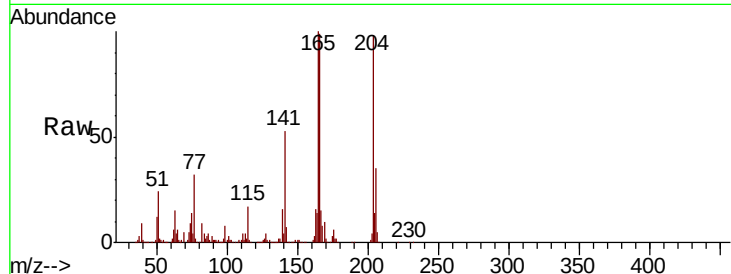
#61
4-Chlorophenyl-phenylether
Concen: 44.590 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.9	28.5	42.7
141	53.5	42.4	63.6

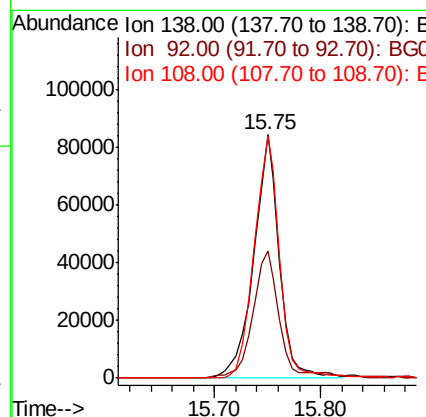
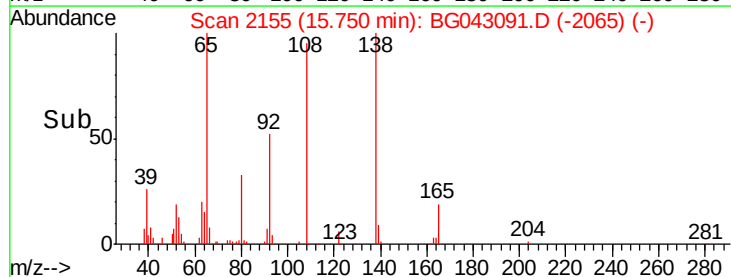
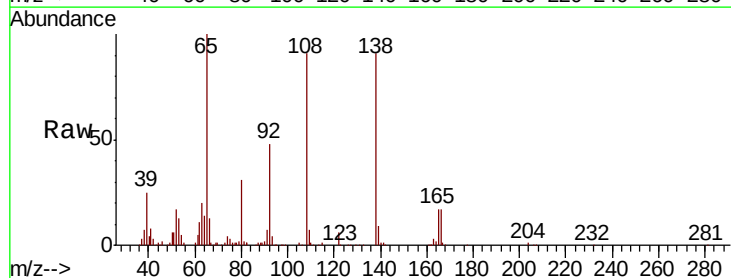
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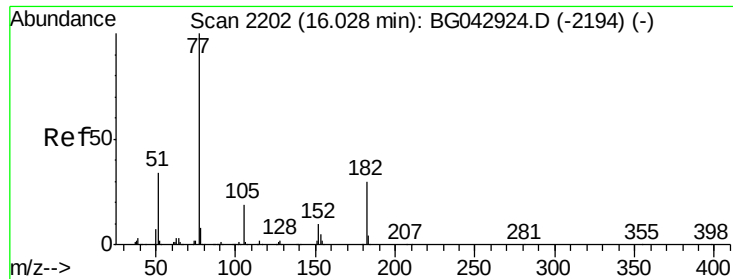
mohammad
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#62
4-Nitroaniline
Concen: 46.610 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.2	32.9	72.9
108	99.8	81.3	121.3





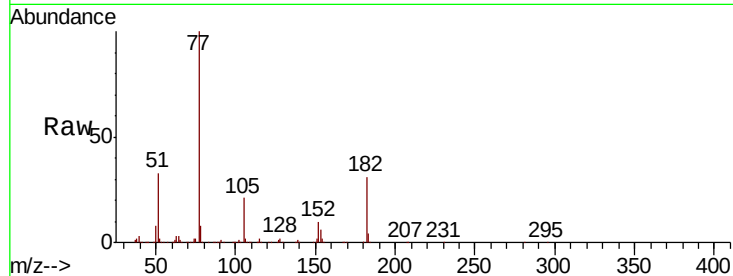
#63
Azobenzene
Concen: 43.137 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	31.1	10.2	50.2		
105	20.7	0.0	39.1		
51	33.3	13.9	53.9		

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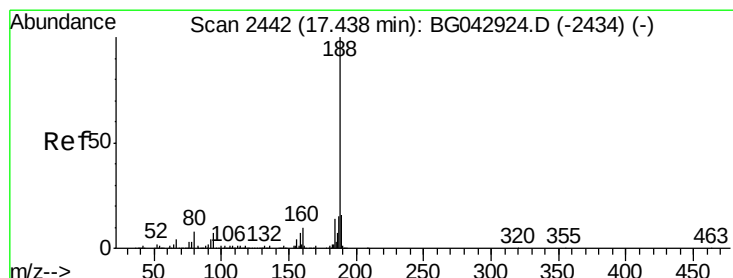
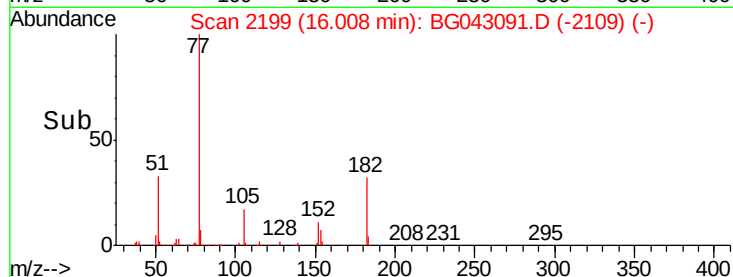
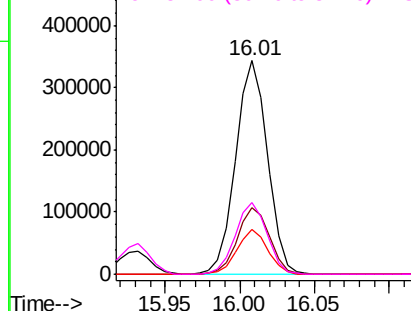
Abundance

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# 2440
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

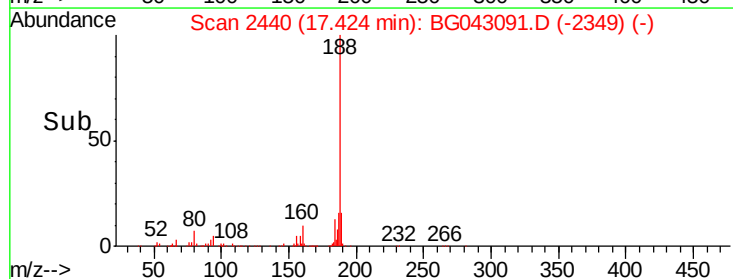
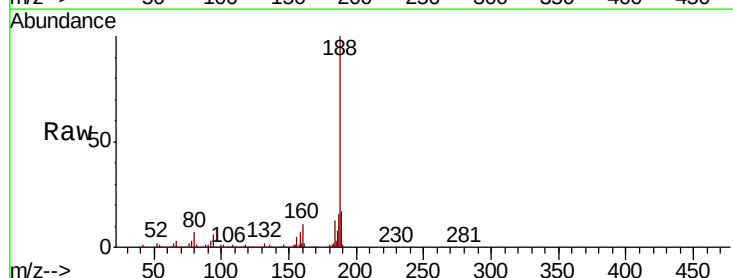
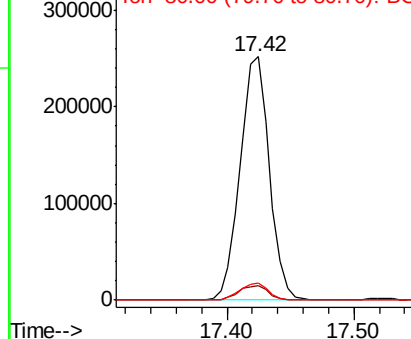
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.0	5.7	8.5		
80	6.9	6.5	9.7		

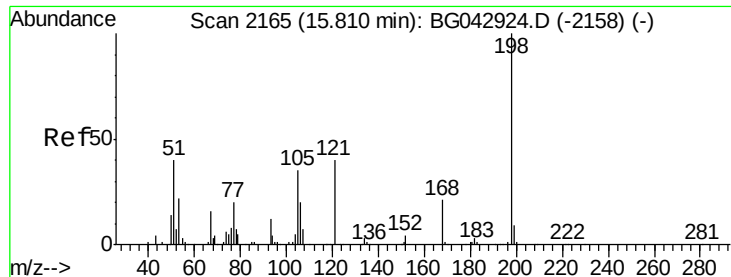
Abundance

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





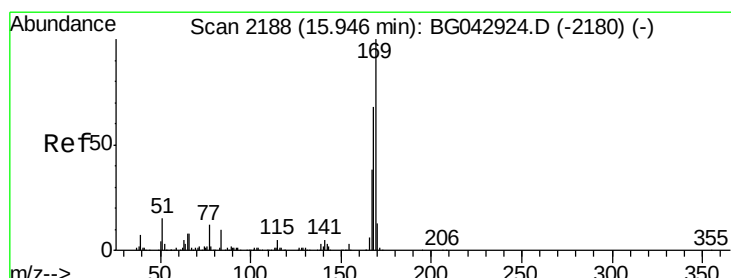
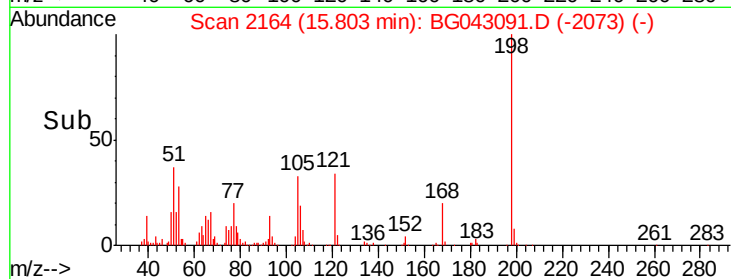
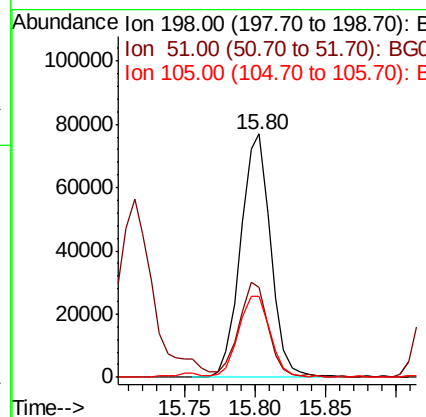
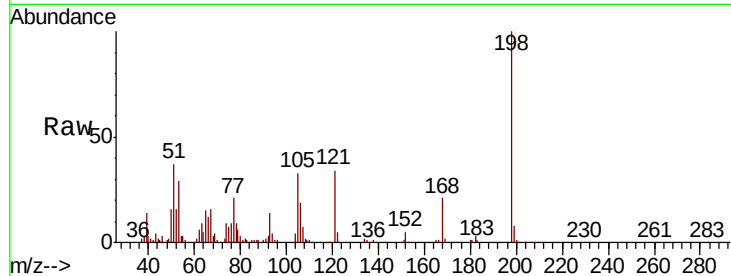
#65
4,6-Dinitro-2-methylphenol
Concen: 50.342 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	114326		
51	36.9	25.3	65.3	
105	33.1	16.6	56.6	

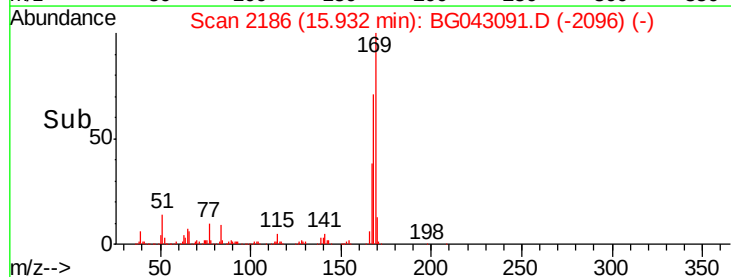
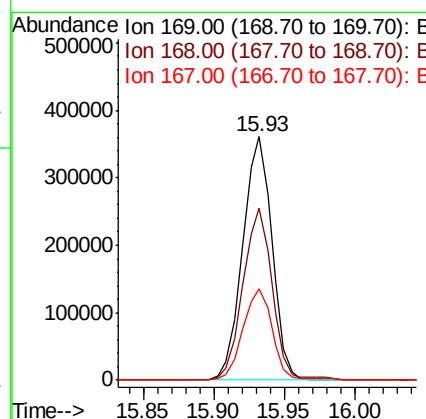
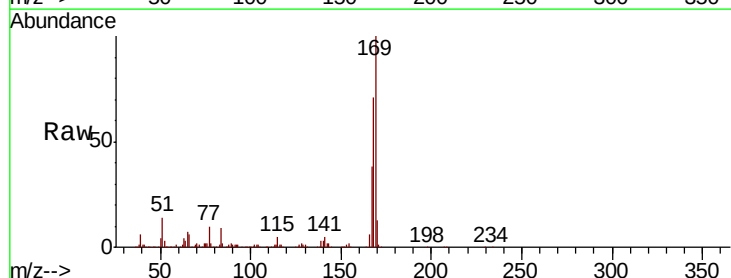
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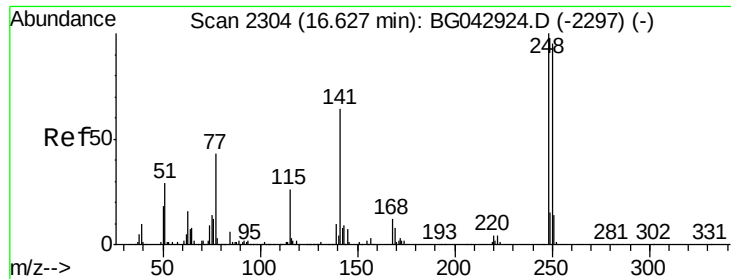
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#66
n-Nitrosodiphenylamine
Concen: 49.407 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	523445		
168	70.6	54.8	82.2	
167	37.7	30.6	46.0	





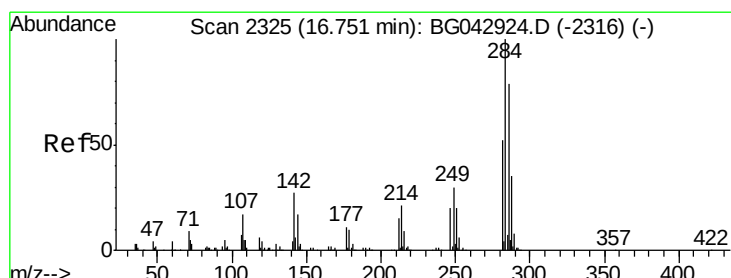
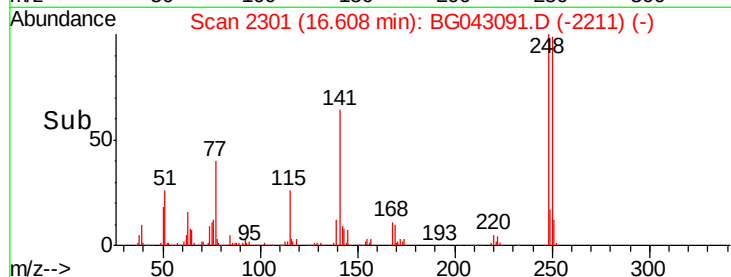
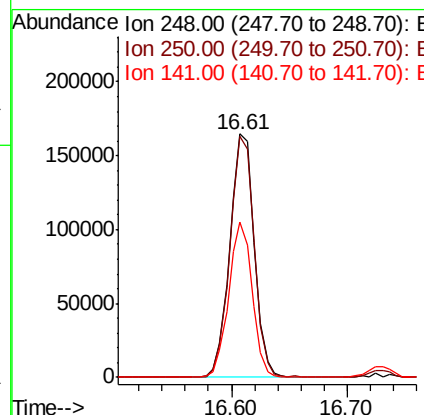
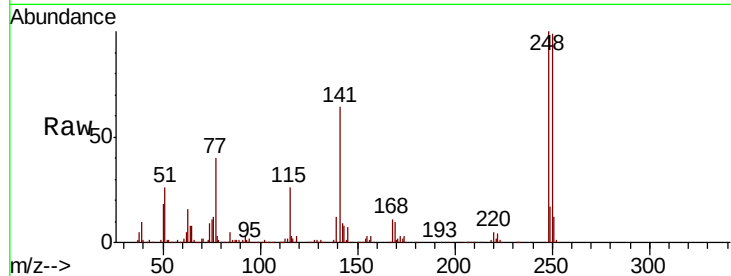
#67
4-Bromophenyl-phenylether
Concen: 47.763 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	75.8	113.8
141	63.5	51.1	76.7

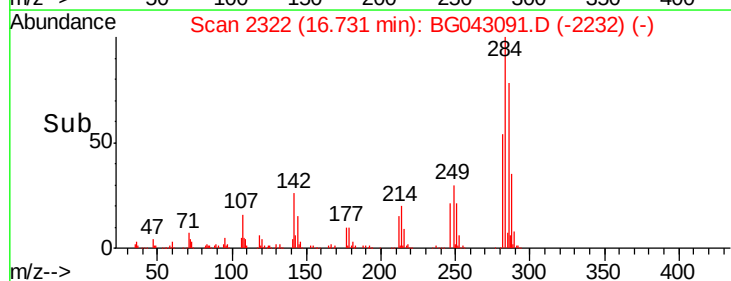
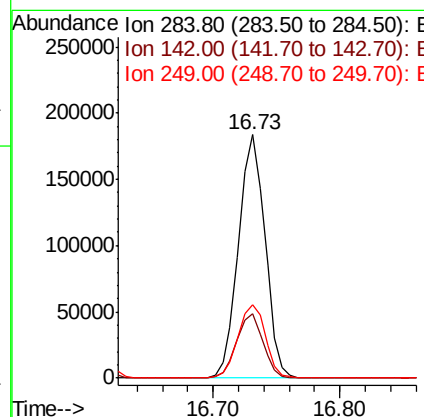
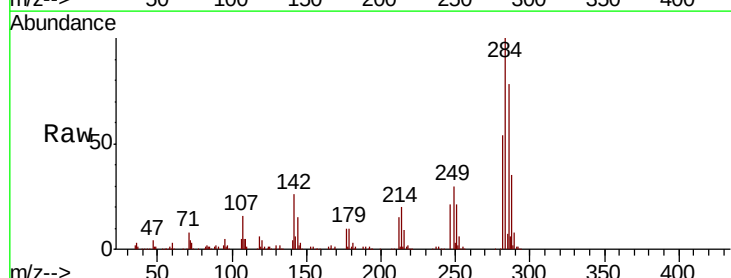
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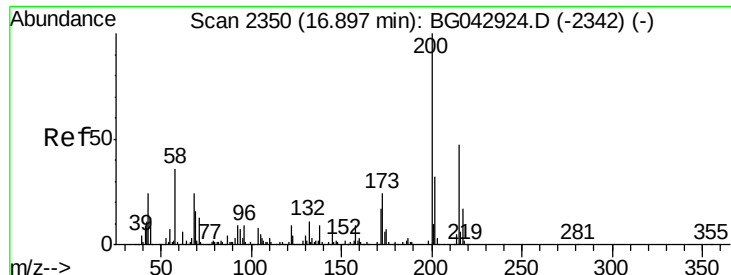
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#68
Hexachlorobenzene
Concen: 47.398 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.4	21.6	32.4
249	30.3	24.1	36.1





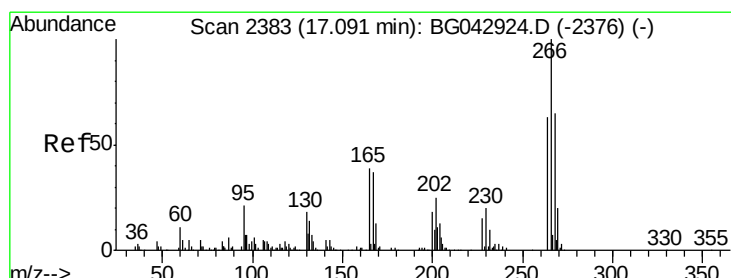
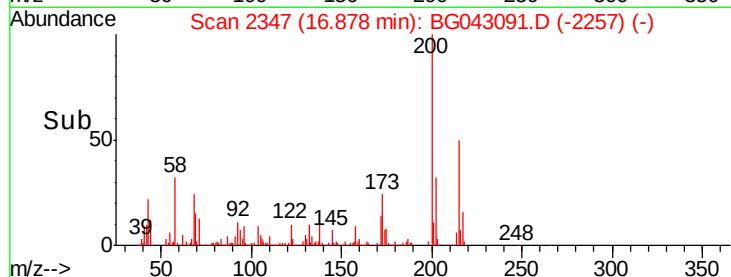
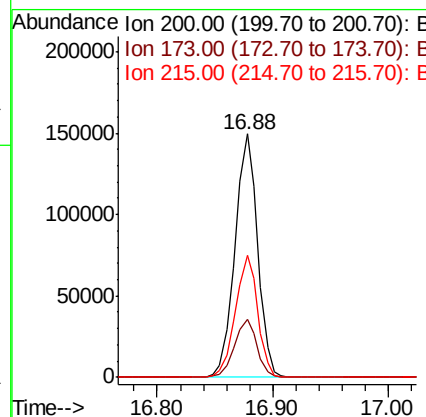
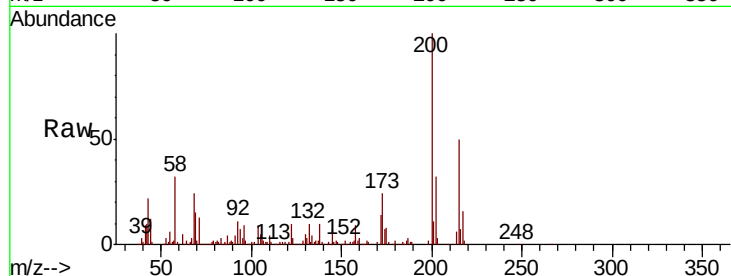
#69
Atrazine
Concen: 45.304 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.8	4.0	44.0
215	50.4	27.4	67.4

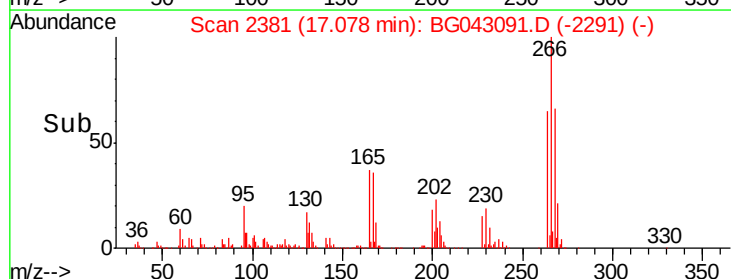
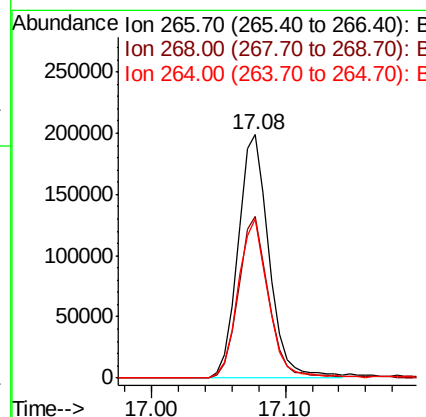
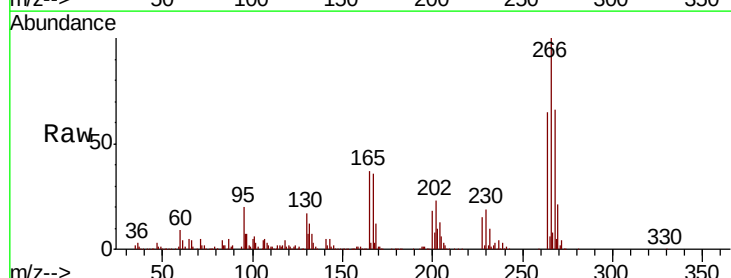
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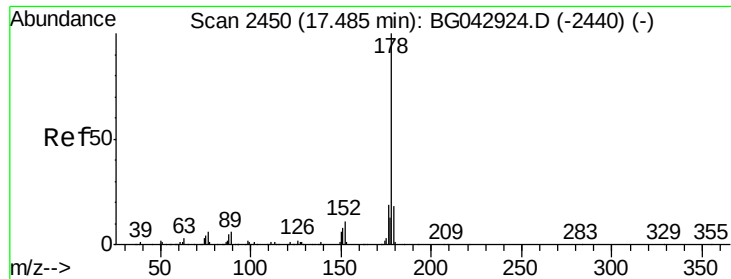
mohammad
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#70
Pentachlorophenol
Concen: 98.808 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.5	52.2	78.2
264	65.5	50.7	76.1





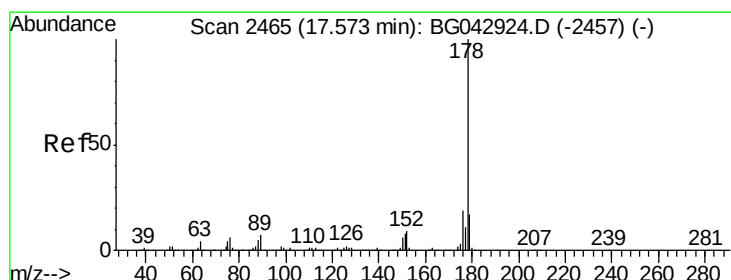
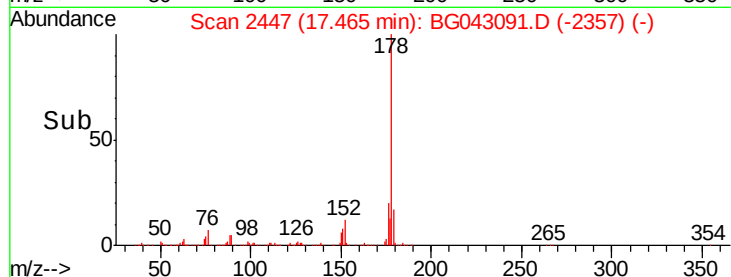
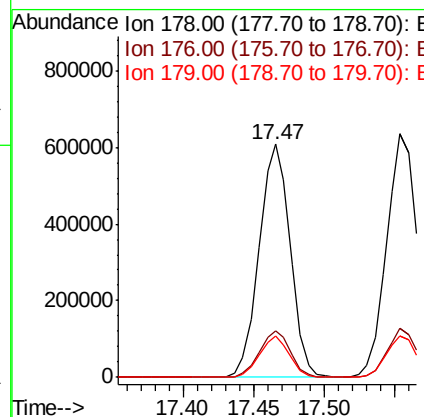
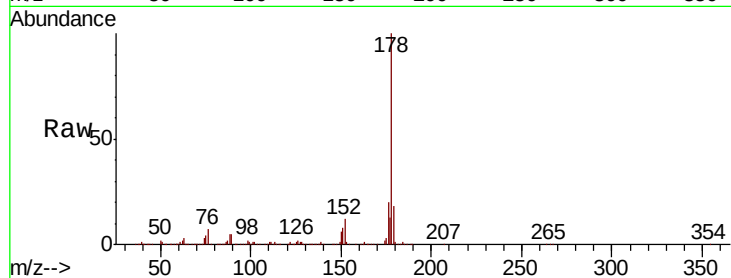
#71
Phenanthrene
Concen: 47.917 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.2	15.1	22.7	
179	17.6	14.1	21.1	

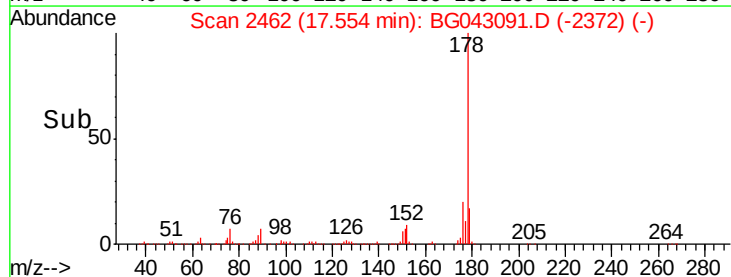
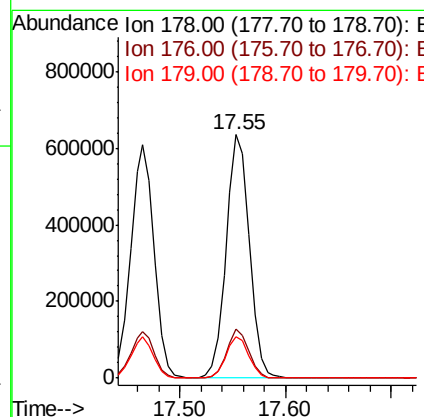
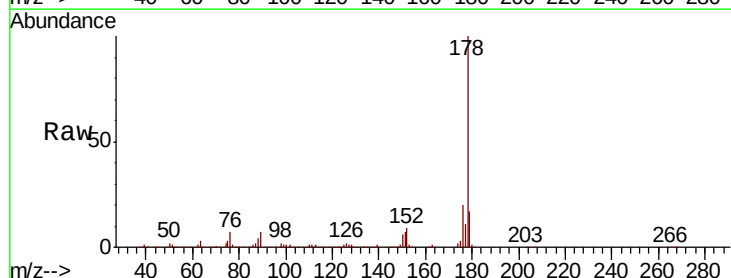
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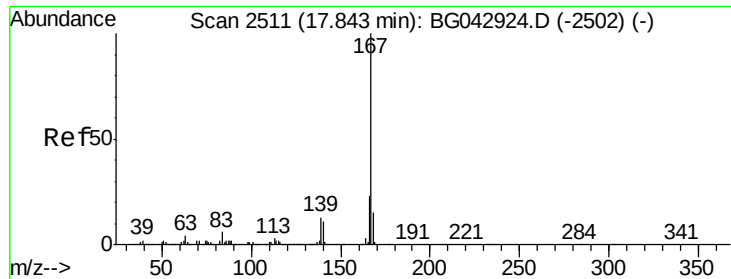
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#72
Anthracene
Concen: 49.252 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.1	15.5	23.3	
179	17.2	13.5	20.3	





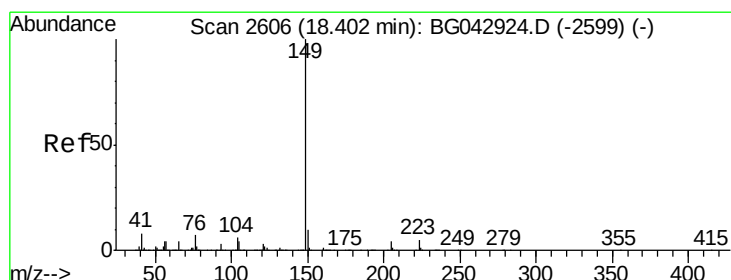
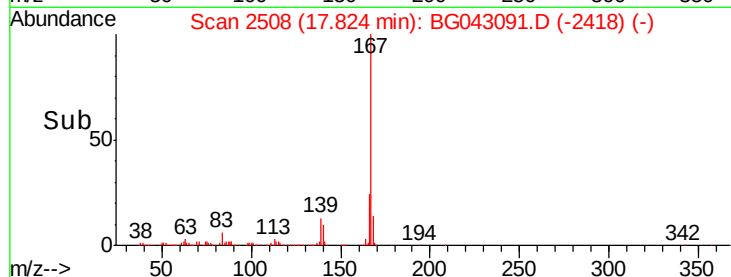
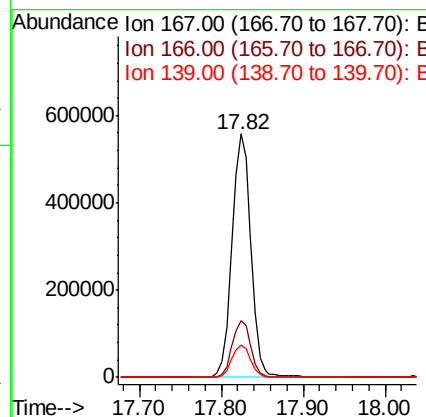
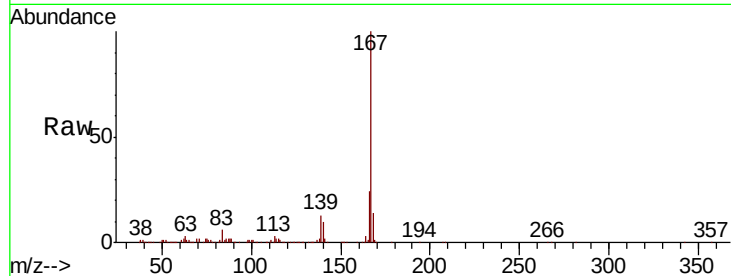
#73
 Carbazole
 Concen: 49.350 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.6	28.0
139	13.1	10.8	16.2

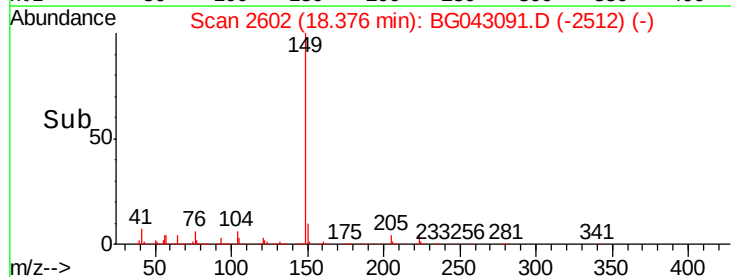
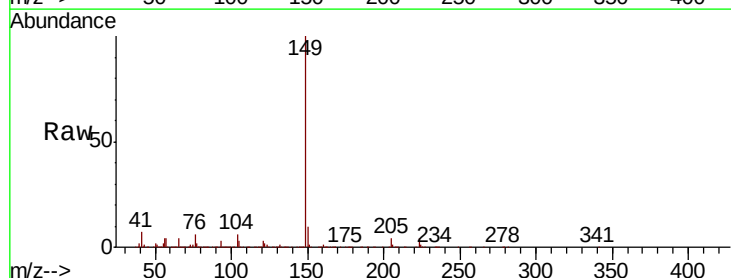
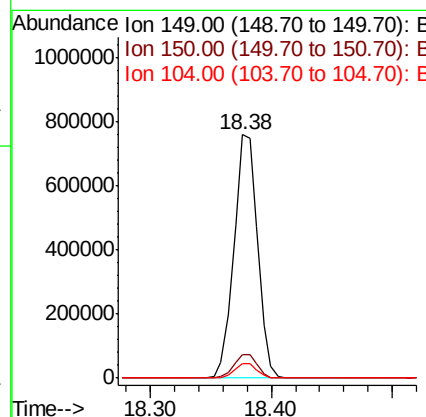
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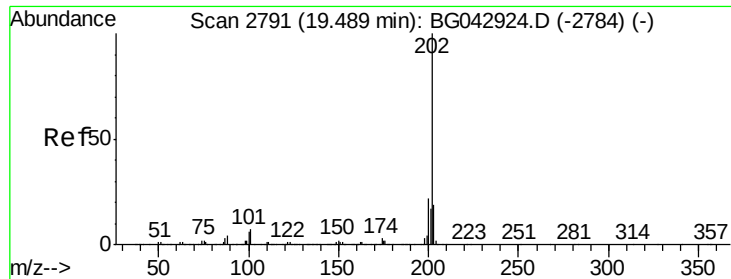
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#74
 Di-n-butylphthalate
 Concen: 47.785 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	6.1	5.0	7.6





#75

Fluoranthene

Concen: 47.777 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

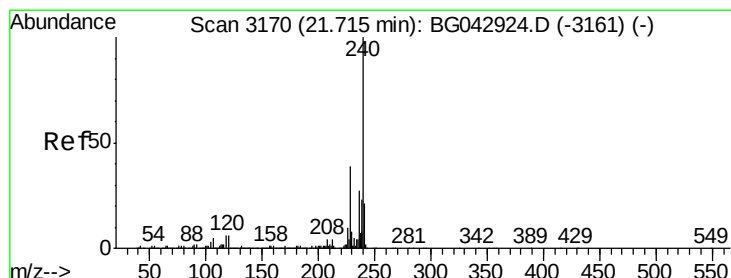
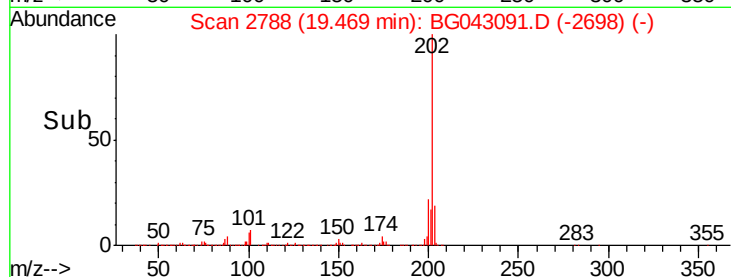
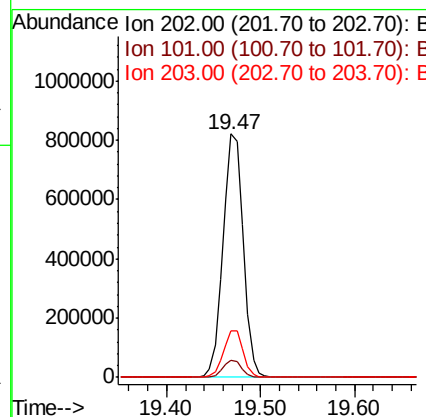
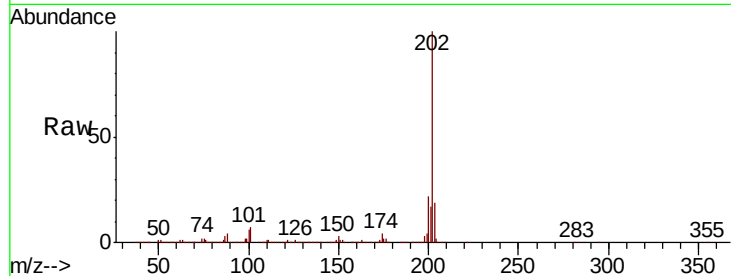
ClientSampleId :

JC-02-100419MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1238151		
101	7.2	0.0	27.3	
203	19.3	0.0	39.5	

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#76

Chrysene-d12

Concen: 20.000 ng

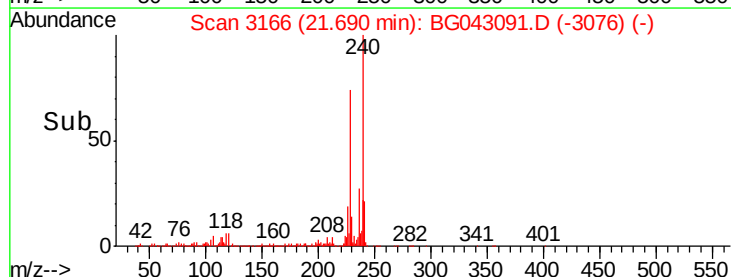
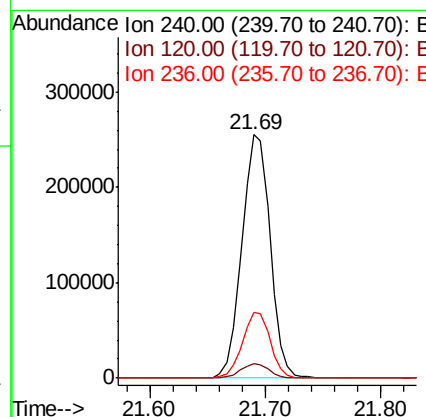
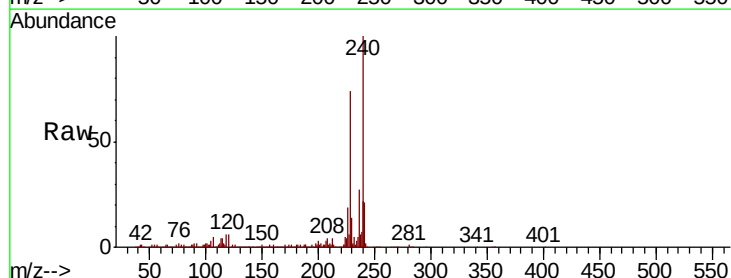
RT: 21.69 min Scan# 3166

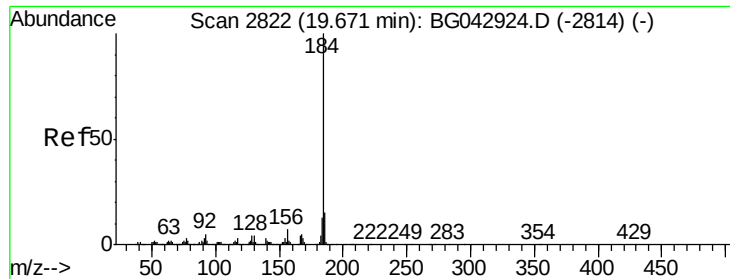
Delta R.T. -0.00 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	432355		
120	6.2	4.8	7.2	
236	27.1	21.4	32.0	





#77

Benzidine

Concen: 51.066 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

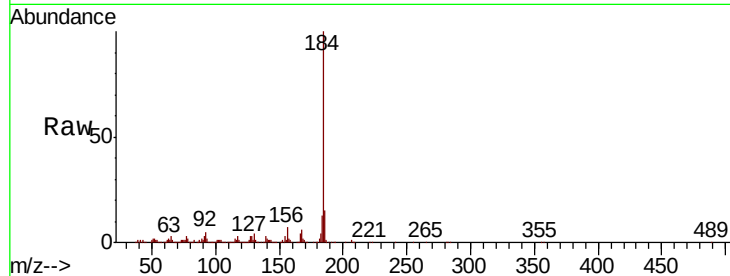
ClientSampleId :

JC-02-100419MSD

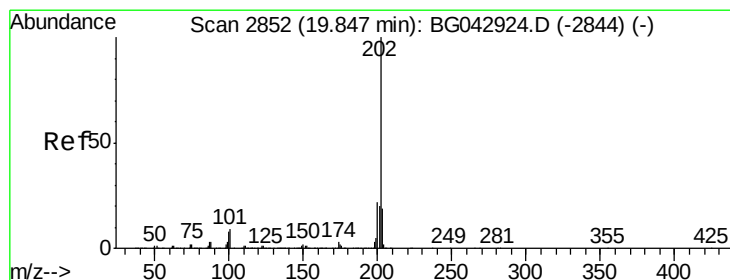
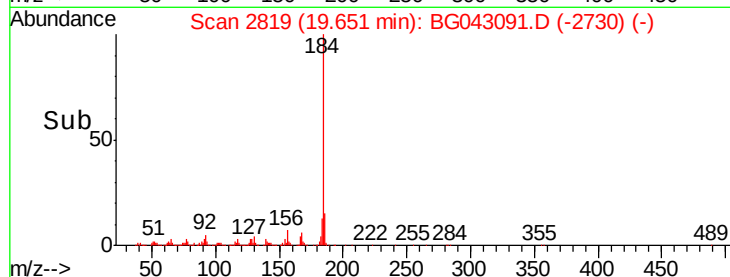
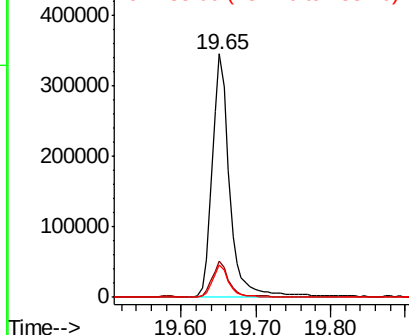
Tot Ion:	184	Resp:	552832
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.8	17.8
183	13.3	10.1	15.1

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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: 47.882 ng

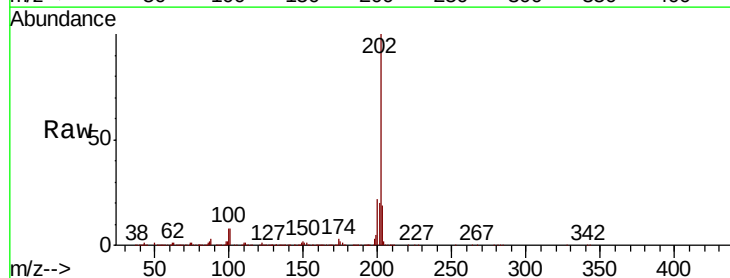
RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

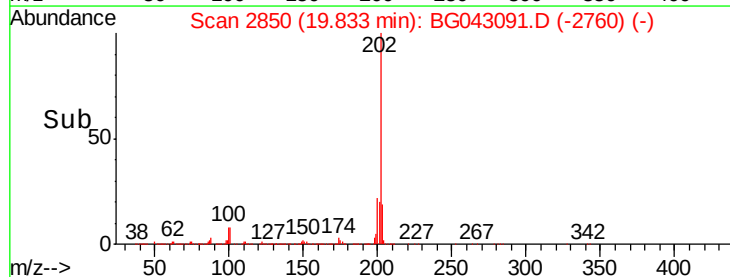
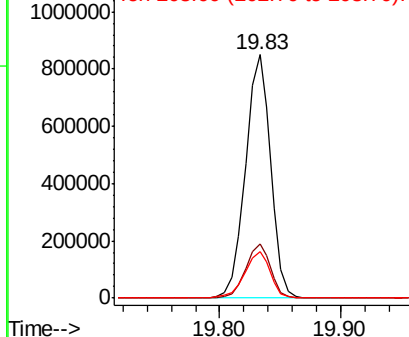
Lab File: BG043091.D

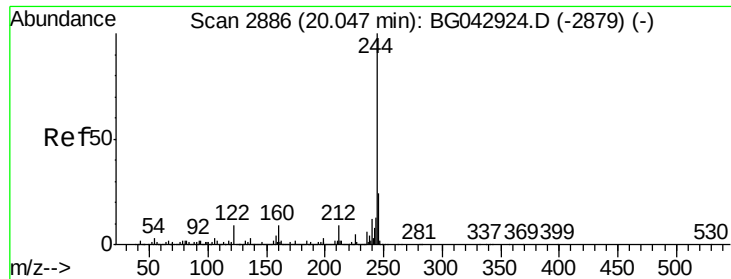
Acq: 8 Oct 2019 18:39

Tgt Ion:	202	Resp:	1235633
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.6	26.4
203	19.0	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





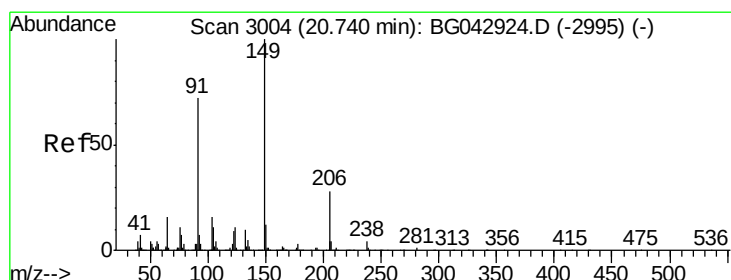
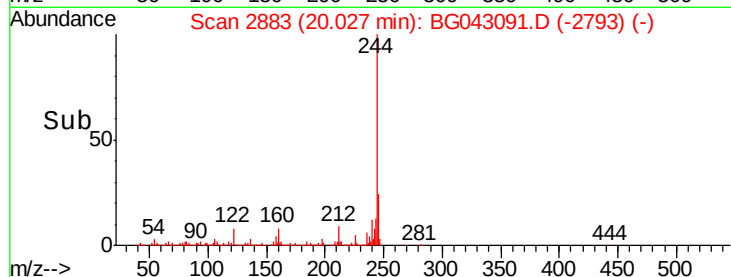
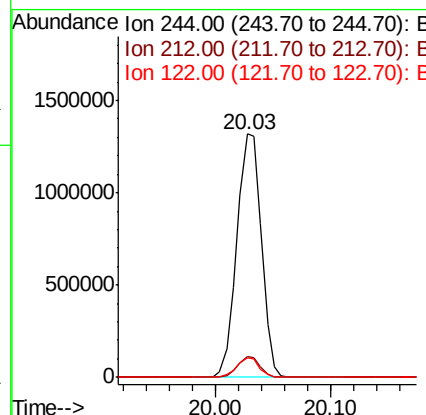
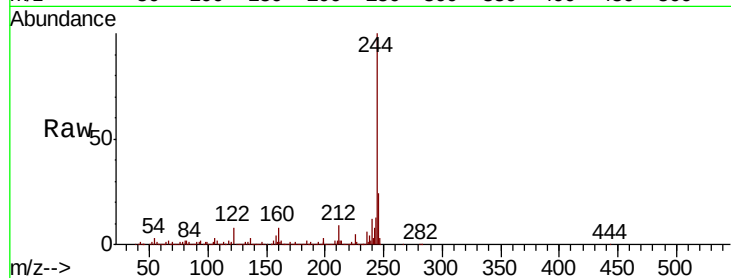
#79
 Terphenyl-d14
 Concen: 95.704 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.0
122	8.3	7.0	10.4

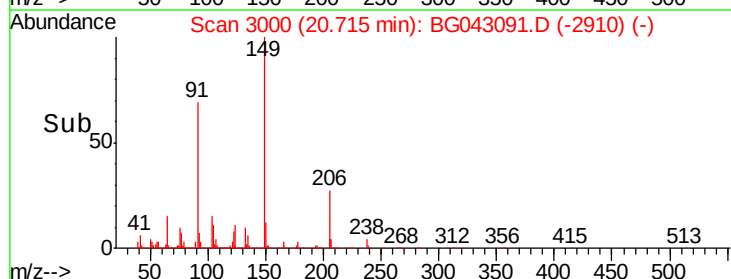
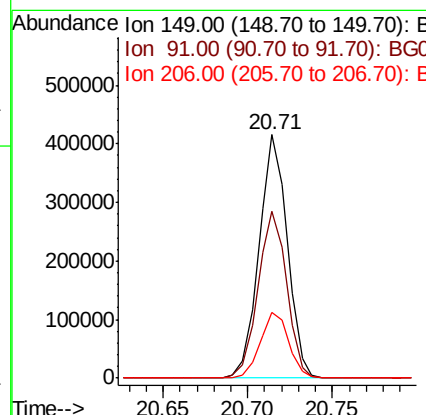
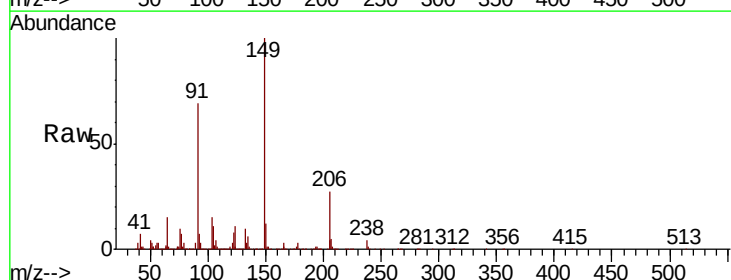
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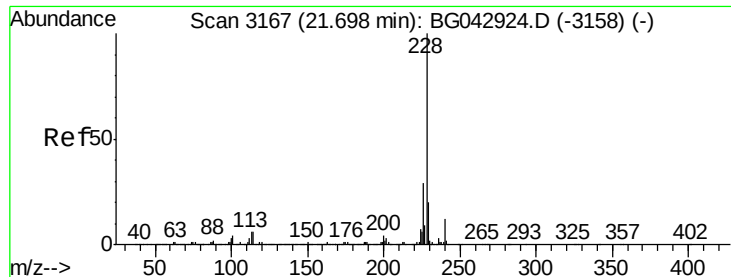
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#80
 Butylbenzylphthalate
 Concen: 49.380 ng
 RT: 20.71 min Scan# 3000
 Delta R.T. -0.00 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.7	57.7	86.5
206	27.1	22.6	33.8





#81

Benzo(a)anthracene

Concen: 47.758 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

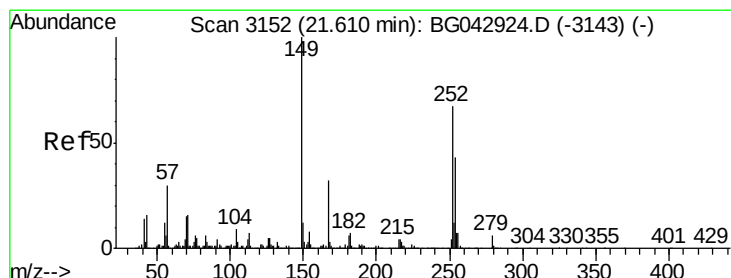
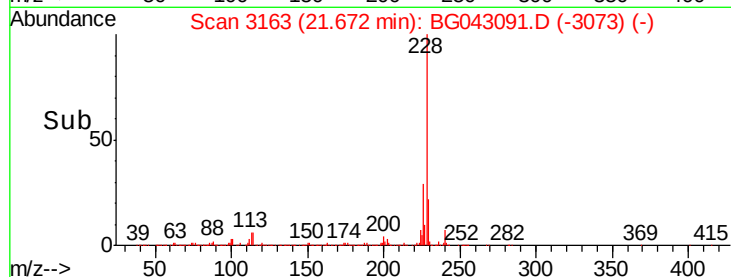
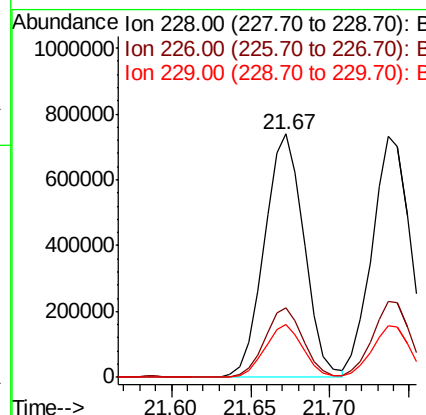
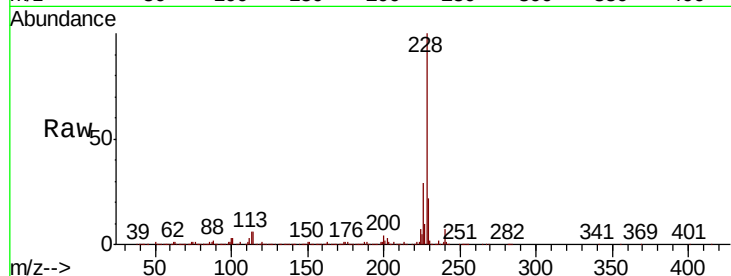
ClientSampleId :

JC-02-100419MSD

Tot Ion:	228	Resp:	1286594
Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	21.8	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 31.402 ng

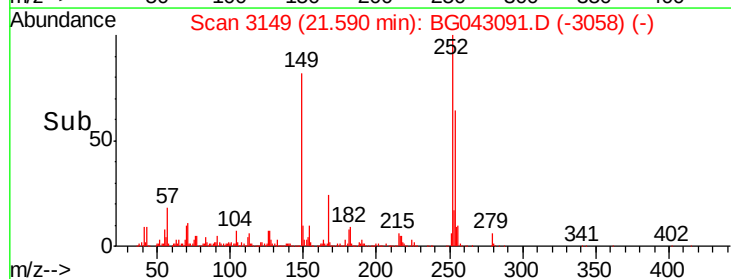
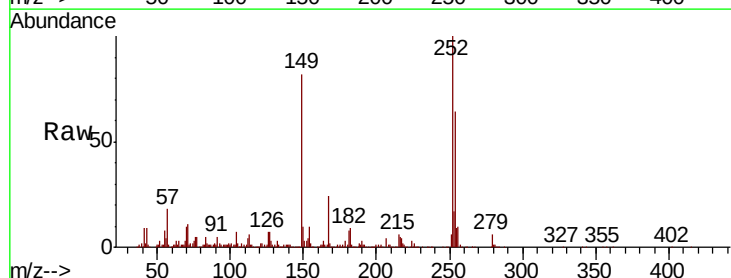
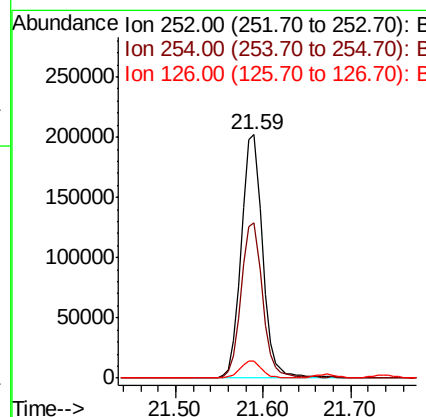
RT: 21.59 min Scan# 3149

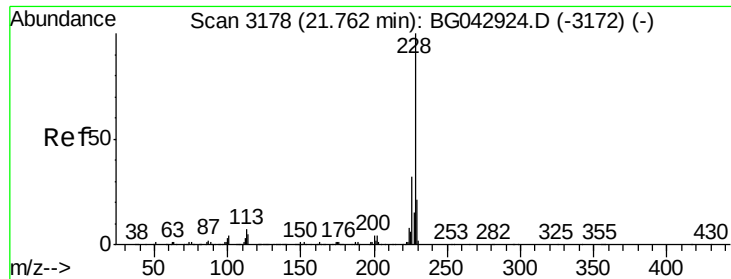
Delta R.T. 0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Tgt Ion:	252	Resp:	331795
Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.9	77.9
126	7.0	6.1	9.1





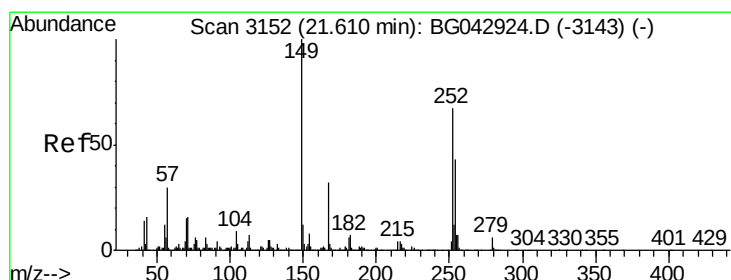
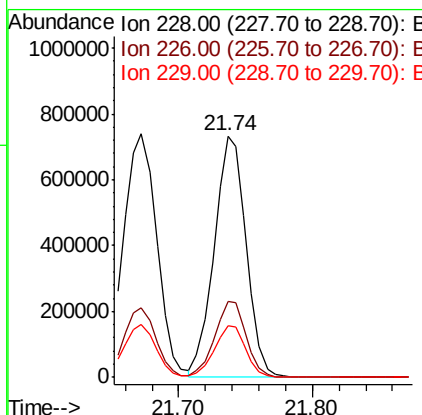
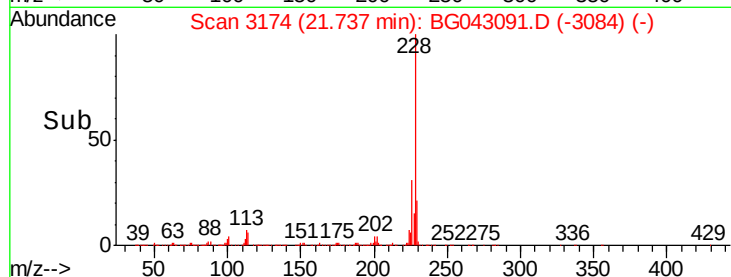
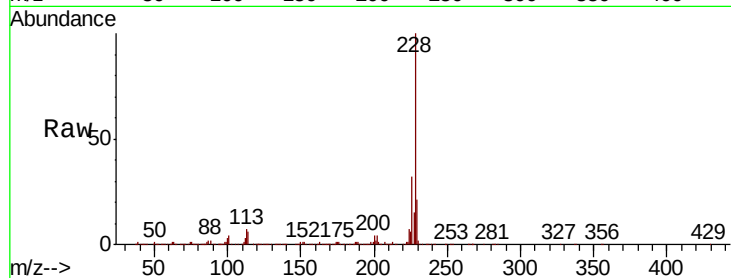
#83
Chrysene
Concen: 46.896 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.6	38.4
229	21.5	16.9	25.3

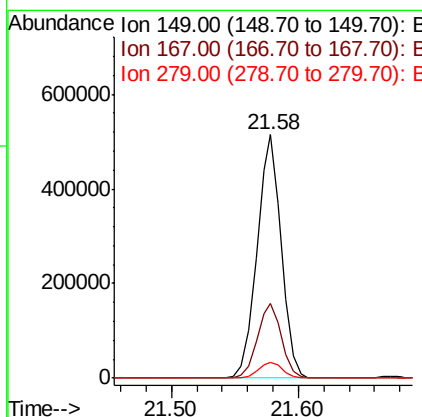
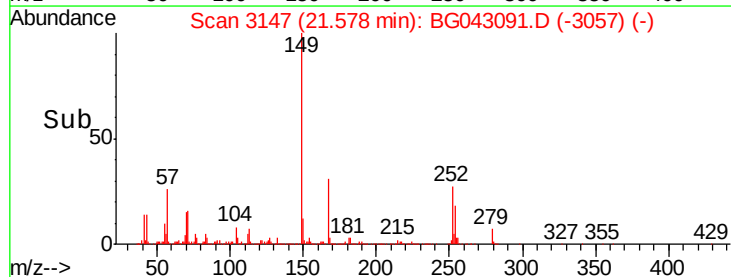
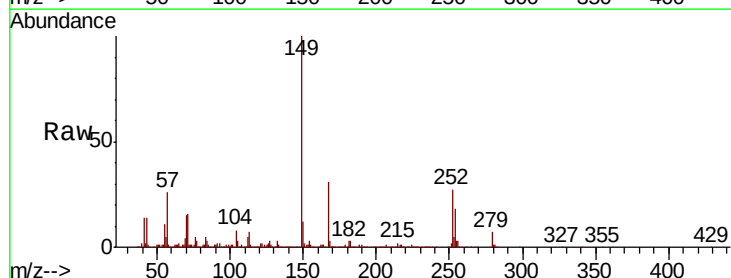
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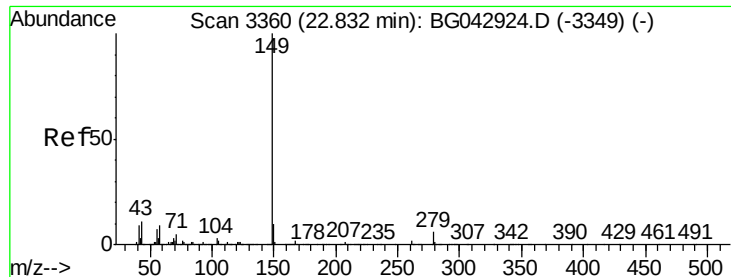
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.963 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.9	25.4	38.2
279	6.5	5.1	7.7





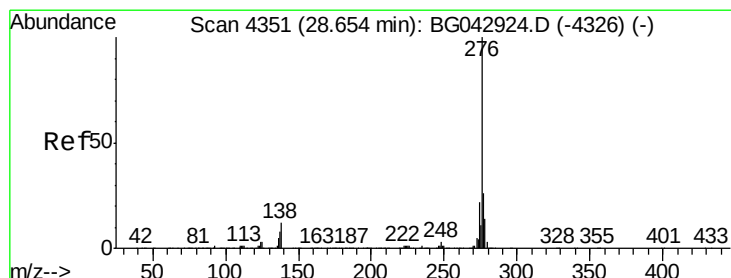
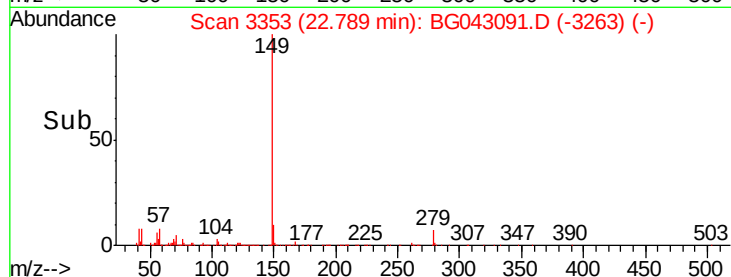
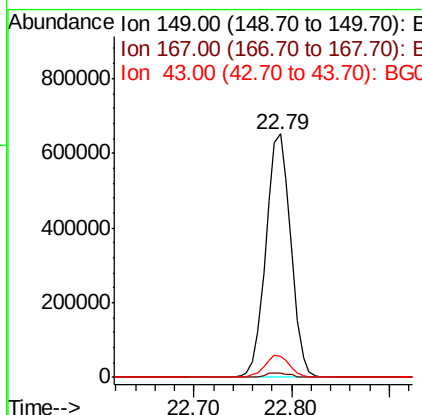
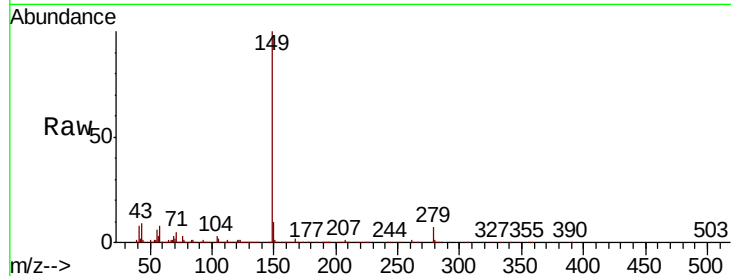
#85
Di-n-octyl phthalate
Concen: 51.193 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

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

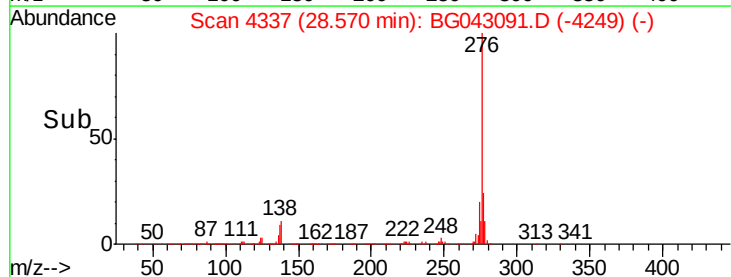
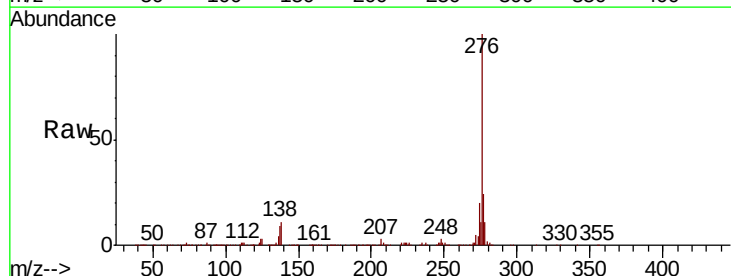
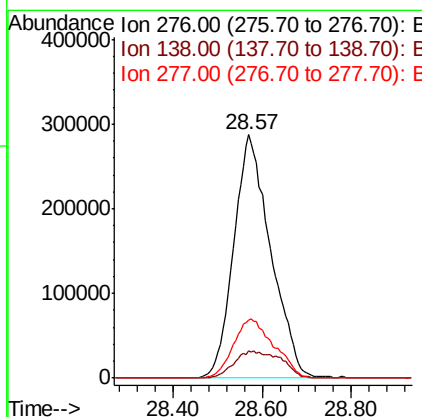
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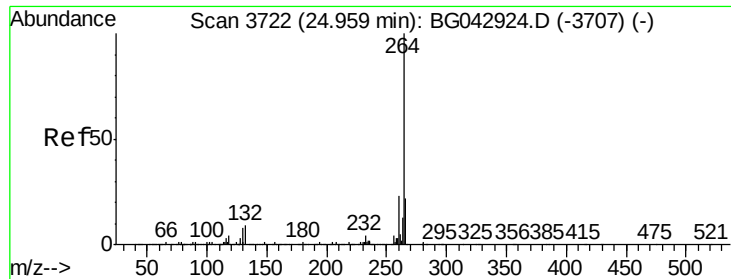
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#86
Indeno(1,2,3-cd)pyrene
Concen: 50.702 ng
RT: 28.57 min Scan# 4337
Delta R.T. -0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.3	7.0	10.6#
277	26.7	20.9	31.3





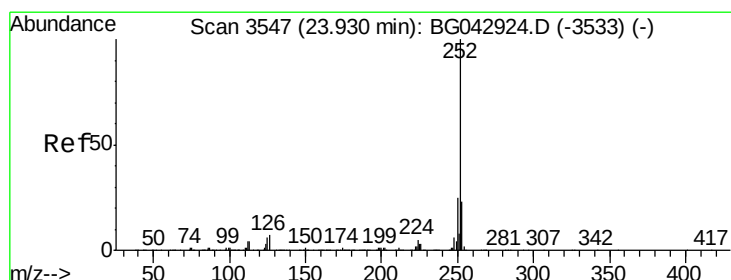
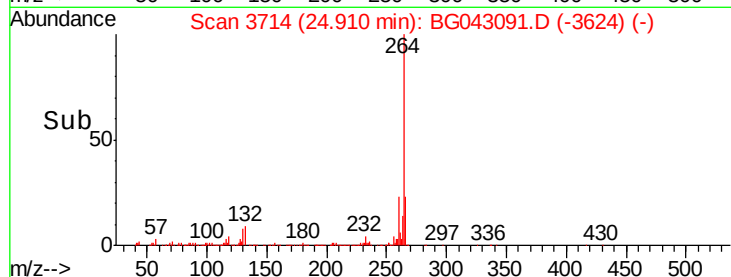
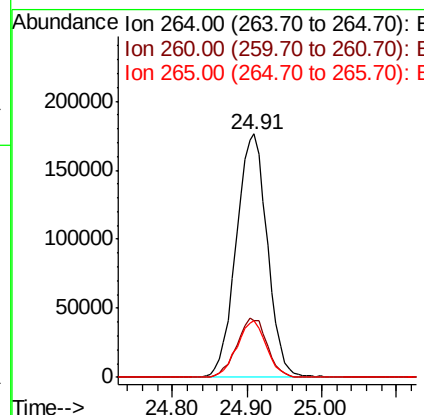
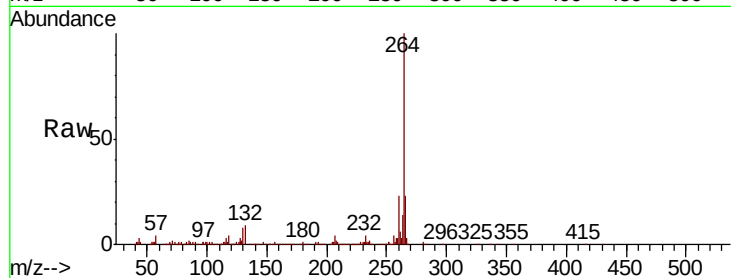
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	23.4	17.7	26.5

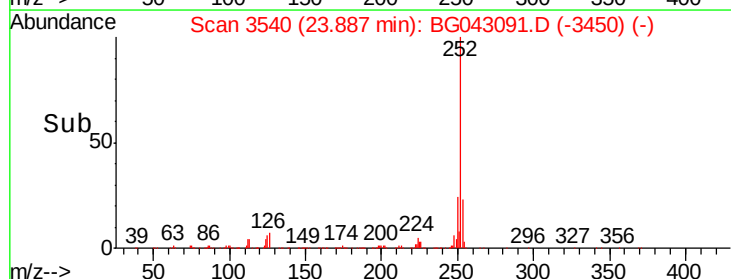
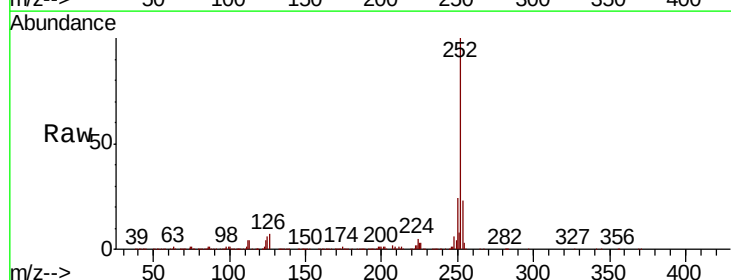
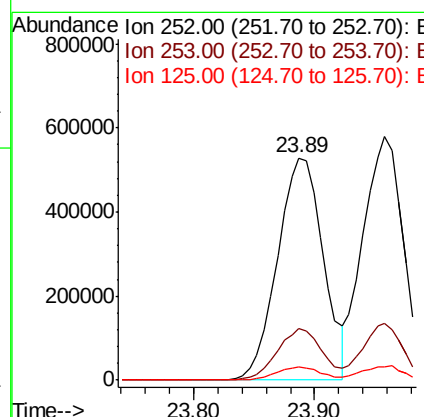
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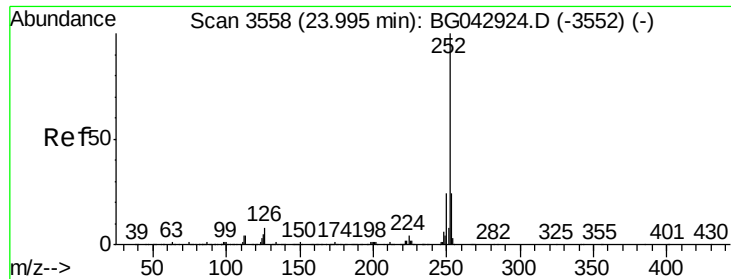
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#88
Benzo(b)fluoranthene
Concen: 48.069 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	5.8	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 47.333 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

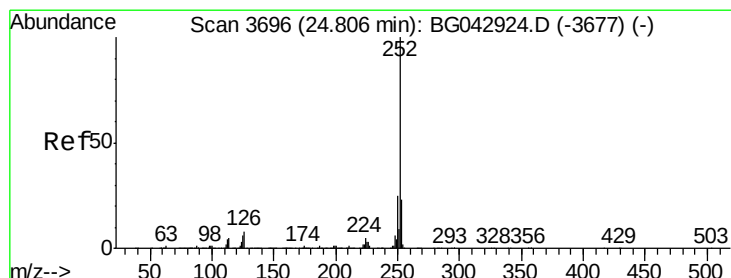
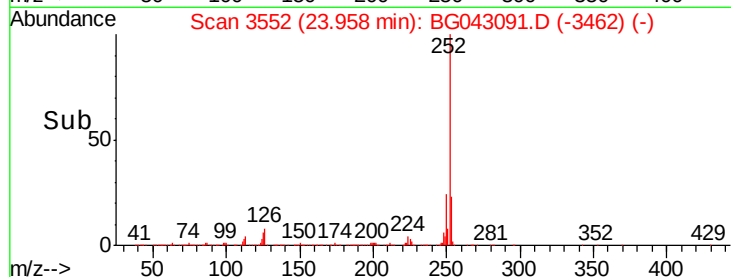
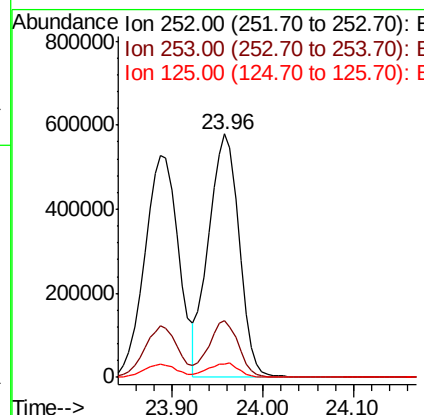
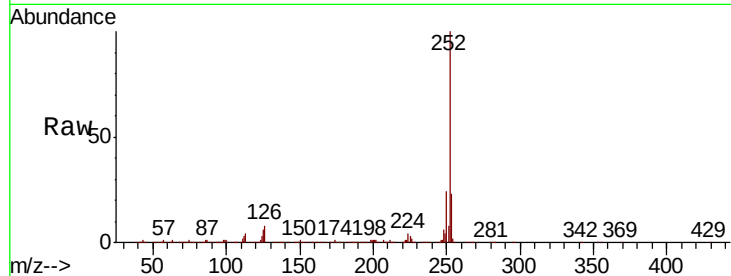
ClientSampleId :

JC-02-100419MSD

Tot Ion:	252	Resp:	1349213
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.9	28.3
125	5.7	4.5	6.7

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#90

Benzo(a)pyrene

Concen: 49.862 ng

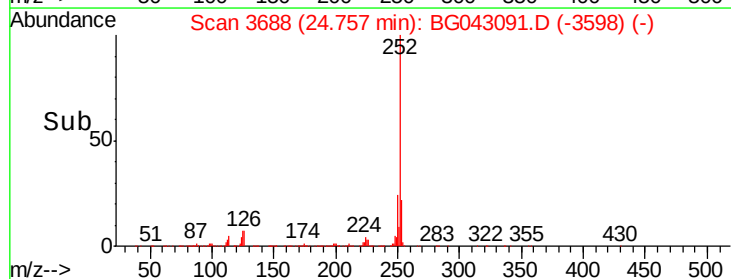
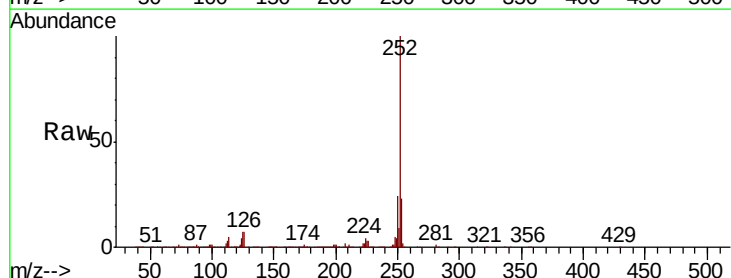
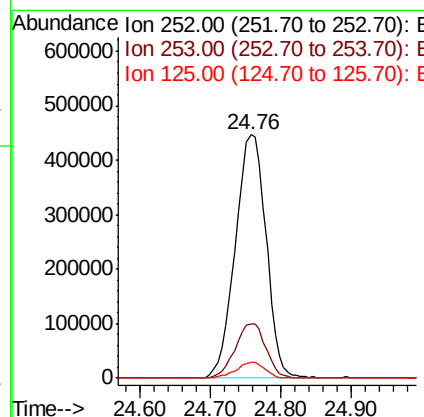
RT: 24.76 min Scan# 3688

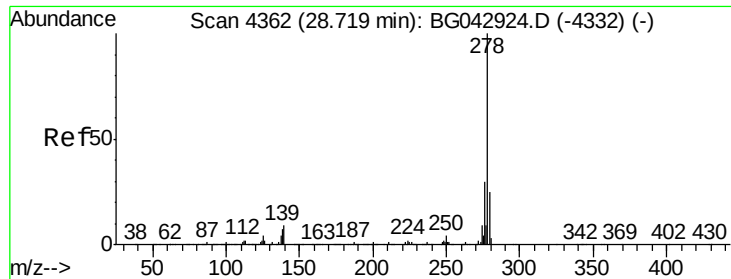
Delta R.T. -0.00 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Tgt Ion:	252	Resp:	1355476
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.4
125	6.7	5.0	7.6





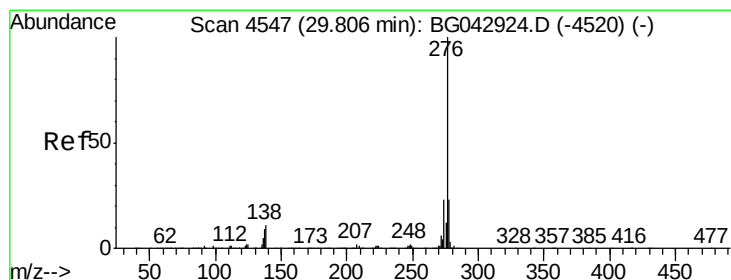
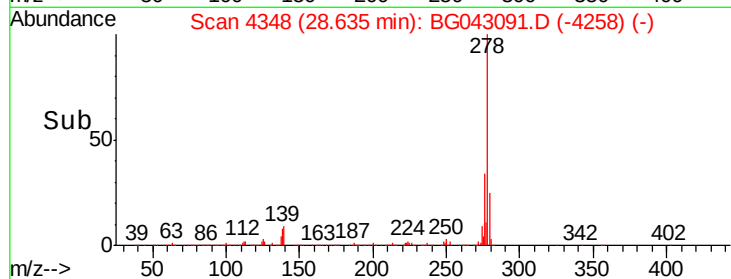
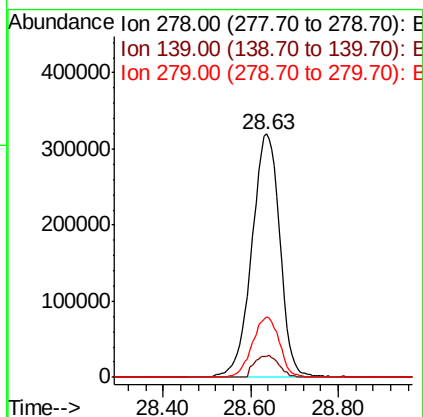
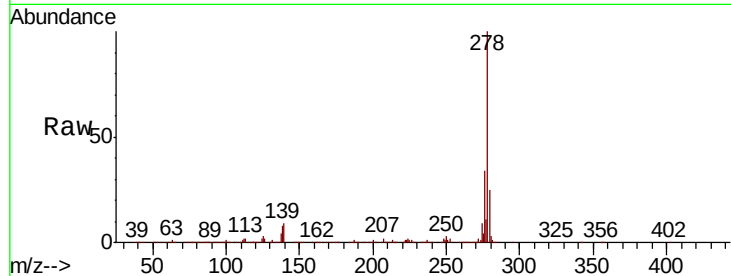
#91
Dibenzo(a,h)anthracene
Concen: 50.086 ng
RT: 28.63 min Scan# 4348
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Tot Ion:278 Resp: 1396200
Ion Ratio Lower Upper
278 100
139 8.7 6.8 10.2
279 24.8 20.1 30.1

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#92
Benzo(g,h,i)perylene
Concen: 50.750 ng
RT: 29.72 min Scan# 4532
Delta R.T. -0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion:276 Resp: 1370722
Ion Ratio Lower Upper
276 100
277 25.6 18.4 27.6
138 11.6 8.6 12.8

