

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043238.D
 Acq On : 16 Oct 2019 5:34
 Operator : JU
 Sample : K5148-08MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101119MSD

Manual Integrations
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mohammad
 10/17/2019 7:57:40 AM

Quant Time: Oct 16 08:25:18 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	8.05	152	58347	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	217652	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	145929	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	317266	20.00	ng	0.00
76) Chrysene-d12	21.70	240	346463	20.00	ng	0.01
87) Perylene-d12	24.93	264	410159	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	413028	126.33	ng	0.00
7) Phenol-d6	7.24	99	576885	122.53	ng	0.00
23) Nitrobenzene-d5	9.22	82	365547	81.63	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	351379	140.03	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	954926	94.86	ng	0.00
79) Terphenyl-d14	20.03	244	1617705	99.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	39986	29.334	ng	# 43
3) Pyridine	3.95	79	92307	24.076	ng	85
4) n-Nitrosodimethylamine	3.85	42	63535	34.461	ng	# 78
6) Aniline	7.38	93	105961	18.644	ng	99
8) 2-Chlorophenol	7.63	128	153469	45.011	ng	98
9) Benzaldehyde	7.19	77	68900	23.948	ng	93
10) Phenol	7.26	94	182967	42.357	ng	91
11) bis(2-Chloroethyl)ether	7.47	93	128429	38.427	ng	94
12) 1,3-Dichlorobenzene	7.95	146	159788	36.737	ng	99
13) 1,4-Dichlorobenzene	8.09	146	164108	37.848	ng	97
14) 1,2-Dichlorobenzene	8.41	146	160716	38.933	ng	97
15) Benzyl Alcohol	8.30	79	134131	37.893	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	179332	27.940	ng	94
17) 2-Methylphenol	8.50	107	128529	42.524	ng	96
18) Hexachloroethane	9.14	117	55966	34.272	ng	99
19) n-Nitroso-di-n-propylamine	8.86	70	112432	36.368	ng	91
20) 3+4-Methylphenols	8.83	107	174114	42.036	ng	98
22) Acetophenone	8.87	105	224066	39.938	ng	# 95
24) Nitrobenzene	9.26	77	174693	40.899	ng	91
25) Isophorone	9.78	82	324168	41.213	ng	97
26) 2-Nitrophenol	9.97	139	91273	50.197	ng	91
27) 2,4-Dimethylphenol	10.03	122	138091	49.453	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	178387	39.973	ng	99
29) 2,4-Dichlorophenol	10.51	162	167709	48.291	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	182913	40.785	ng	98
31) Naphthalene	10.91	128	476999	44.520	ng	99
32) Benzoic acid	10.20	122	70894	34.823	ng	95
33) 4-Chloroaniline	11.03	127	42612	9.165	ng	95
34) Hexachlorobutadiene	11.20	225	130374	38.825	ng	96
35) Caprolactam	11.80	113	48127m	39.297	ng	
36) 4-Chloro-3-methylphenol	12.15	107	177962	47.130	ng	98
37) 2-Methylnaphthalene	12.51	142	361955	44.283	ng	95
38) 1-Methylnaphthalene	12.73	142	343188	44.373	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	239417	43.635	ng	99

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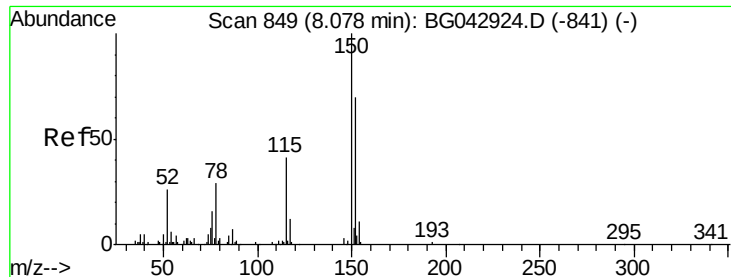
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	135973	38.894	nq	95
43) 2,4,6-Trichlorophenol	13.12	196	155220	48.333	nq	99
44) 2,4,5-Trichlorophenol	13.20	196	162289	49.055	nq	95
46) 1,1'-Biphenyl	13.52	154	491158	44.383	nq	98
47) 2-Chloronaphthalene	13.56	162	381022	45.923	nq	98
48) 2-Nitroaniline	13.76	65	114553	41.517	nq	89
49) Acenaphthylene	14.40	152	609102	47.977	nq	99
50) Dimethylphthalate	14.13	163	482075	44.090	nq	98
51) 2,6-Dinitrotoluene	14.25	165	110453	47.436	nq	92
52) Acenaphthene	14.74	154	364776	42.926	nq	98
53) 3-Nitroaniline	14.59	138	70713	29.386	nq	95
54) 2,4-Dinitrophenol	14.79	184	50235	34.709	nq	92
55) Dibenzofuran	15.08	168	585063	46.542	nq	99
56) 4-Nitrophenol	14.90	139	163448	89.146	nq	91
57) 2,4-Dinitrotoluene	15.04	165	153211	44.933	nq	97
58) Fluorene	15.73	166	490044	45.660	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	162162m	46.036	nq	
60) Diethylphthalate	15.49	149	472973	42.505	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	281483	43.732	nq	99
62) 4-Nitroaniline	15.76	138	100330	38.230	nq	89
63) Azobenzene	16.01	77	409049	40.377	nq	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	41840	23.305	nq	88
66) n-Nitrosodiphenylamine	15.93	169	428328	51.141	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	194298	48.794	nq	93
68) Hexachlorobenzene	16.74	284	216581	48.849	nq	96
69) Atrazine	16.88	200	151849	43.055	nq	98
70) Pentachlorophenol	17.08	266	250268	97.824	nq	97
71) Phenanthrene	17.46	178	748010	48.293	nq	98
72) Anthracene	17.56	178	762184	49.291	nq	100
73) Carbazole	17.83	167	691229	48.206	nq	97
74) Di-n-butylphthalate	18.38	149	791570	46.268	nq	99
75) Fluoranthene	19.47	202	939050	45.836	nq	99
77) Benzidine	19.66	184	138689	15.987	nq	98
78) Pyrene	19.84	202	964841	46.658	nq	99
80) Butylbenzylphthalate	20.72	149	371295	47.303	nq	93
81) Benzo(a)anthracene	21.68	228	994473	46.066	nq	98
82) 3,3'-Dichlorobenzidine	21.60	252	342158	40.411	nq	97
83) Chrysene	21.75	228	971999	46.397	nq	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	530041	47.456	nq	96
85) Di-n-octyl phthalate	22.79	149	905692	49.590	nq	# 95
86) Indeno(1,2,3-cd)pyrene	28.60	276	1163075	44.596	nq	# 97
88) Benzo(b)fluoranthene	23.90	252	1029558	44.362	nq	99
89) Benzo(k)fluoranthene	23.97	252	1090240	47.486	nq	98
90) Benzo(a)pyrene	24.78	252	1042659	47.619	nq	100
91) Dibenzo(a,h)anthracene	28.67	278	1000091	44.543	nq	99
92) Benzo(g,h,i)perylene	29.76	276	870865	40.031	nq	99

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



#1

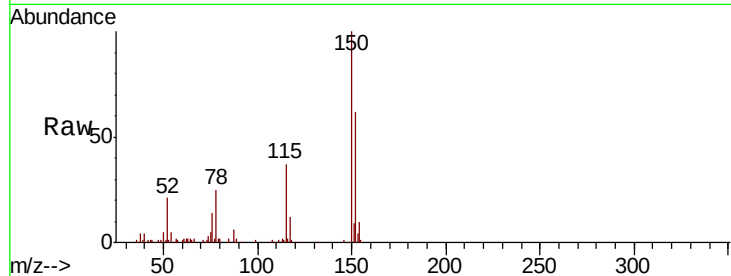
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
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OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	115.0	172.4
115	59.5	47.0	70.6

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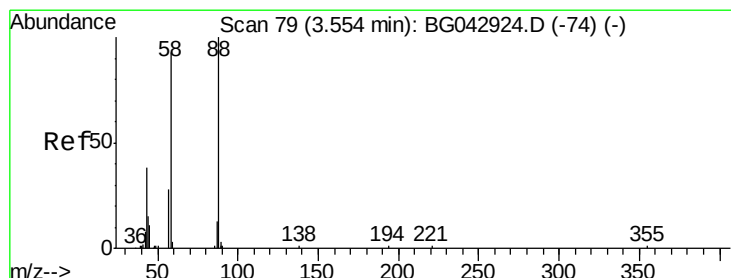
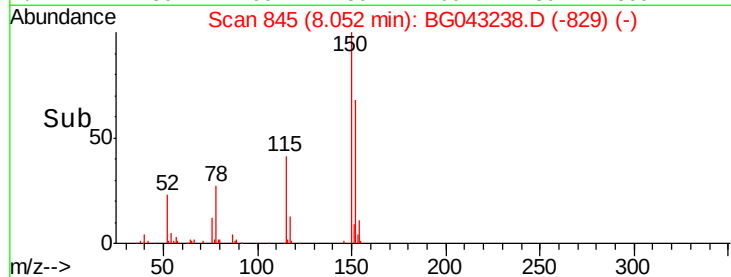
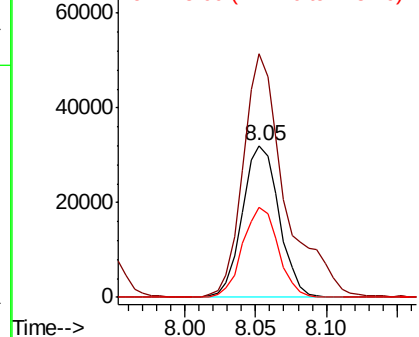


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

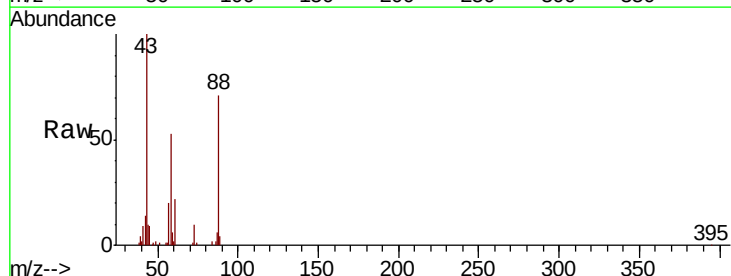
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.334 ng
RT: 3.54 min Scan# 77
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.0	74.3	111.5
43	133.9	29.8	44.8#

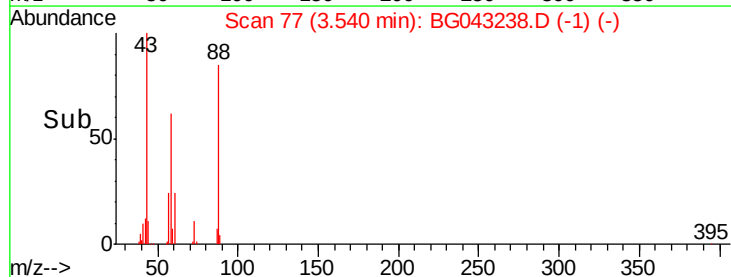
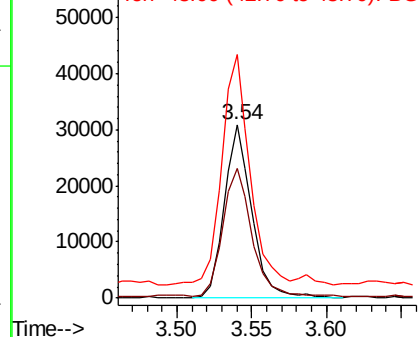


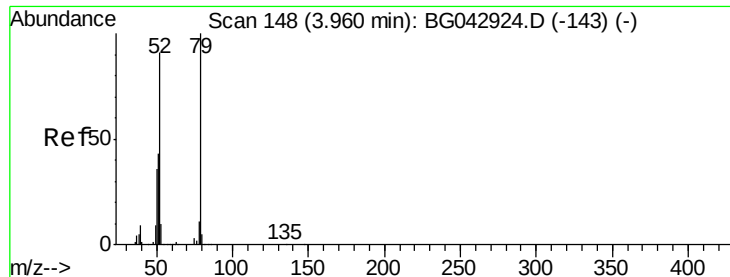
Abundance

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: 24.076 ng

RT: 3.95 min Scan# 146

Delta R.T. 0.01 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

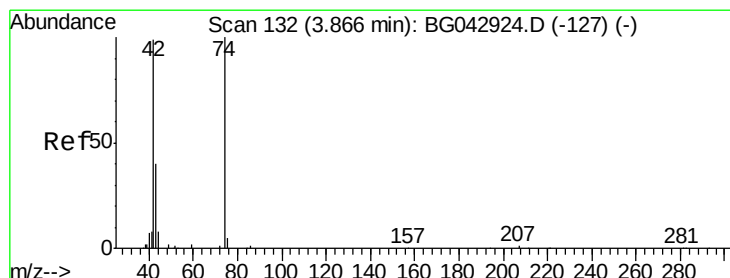
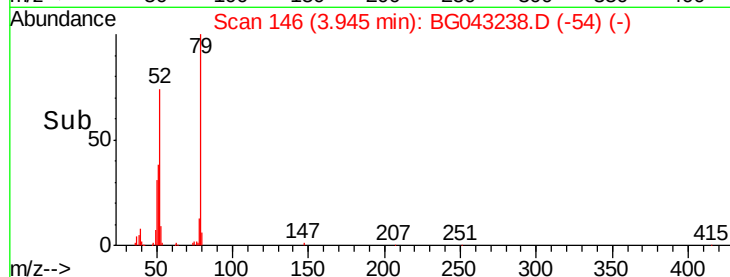
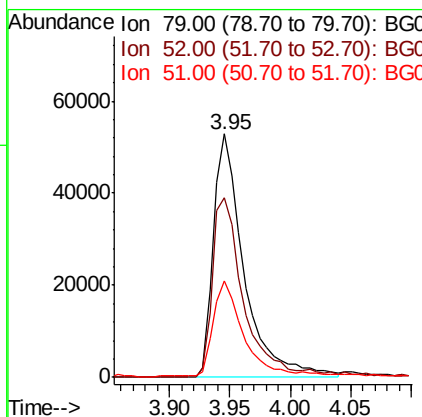
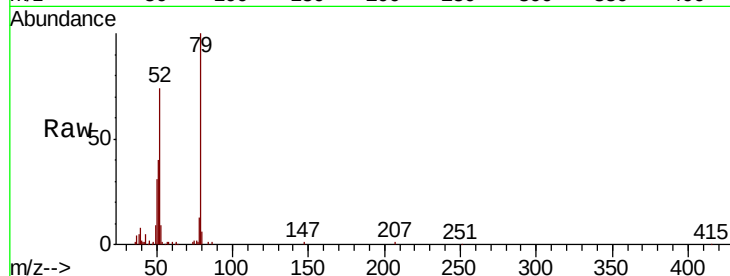
ClientSampleId :

OR-03-101119MSD

Tot Ion:	79	Resp:	92307
Ion Ratio	Lower	Upper	
79	100		
52	73.7	73.0	109.4
51	39.6	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 34.461 ng

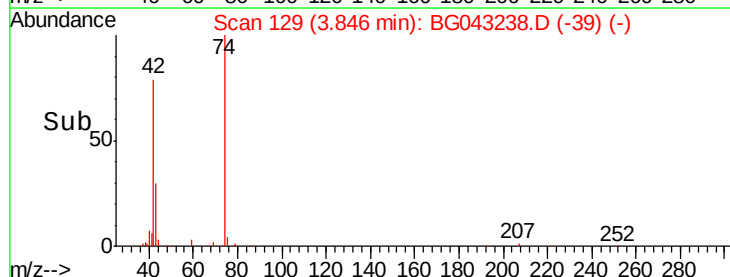
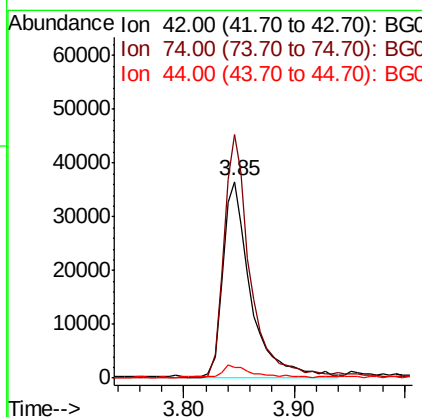
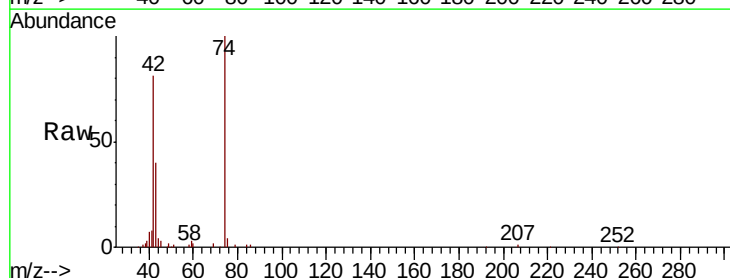
RT: 3.85 min Scan# 129

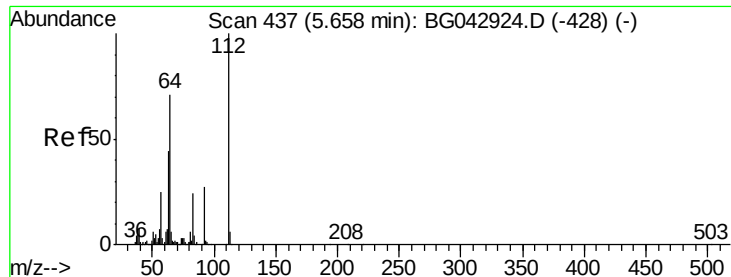
Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tgt Ion:	42	Resp:	63535
Ion Ratio	Lower	Upper	
42	100		
74	124.0	80.5	120.7#
44	5.3	6.9	10.3#





#5

2-Fluorophenol

Concen: 126.330 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

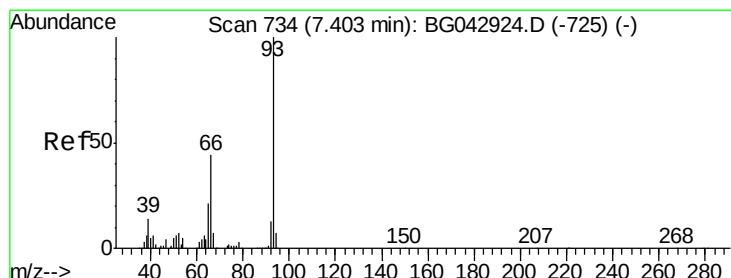
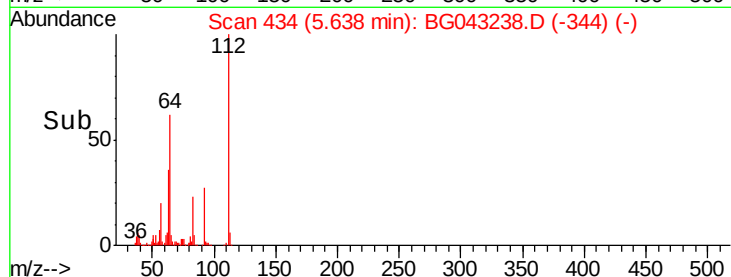
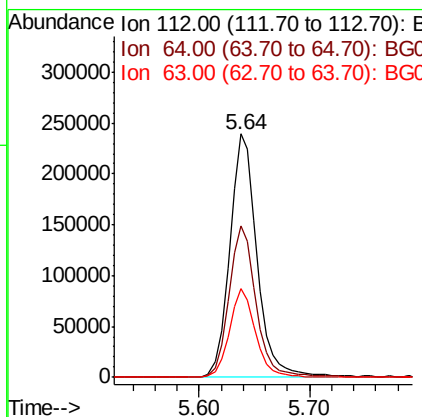
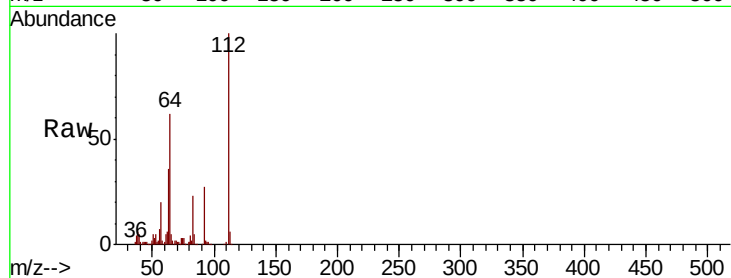
ClientSampleId :

OR-03-101119MSD

Tot Ion:	112	Resp:	413028
Ion Ratio	Lower	Upper	
112	100		
64	62.4	56.6	84.8
63	36.4	35.1	52.7

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#6

Aniline

Concen: 18.644 ng

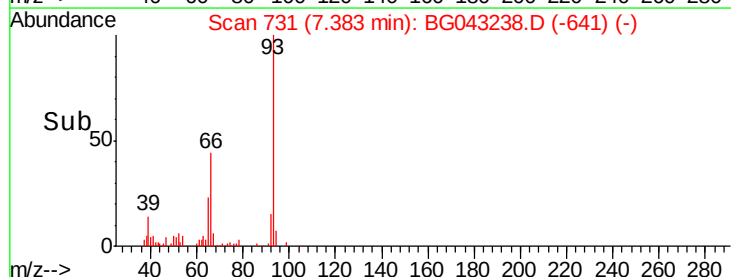
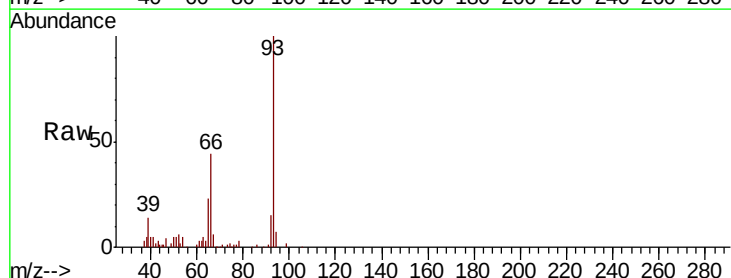
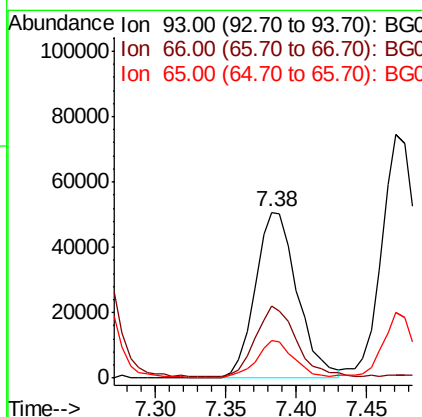
RT: 7.38 min Scan# 731

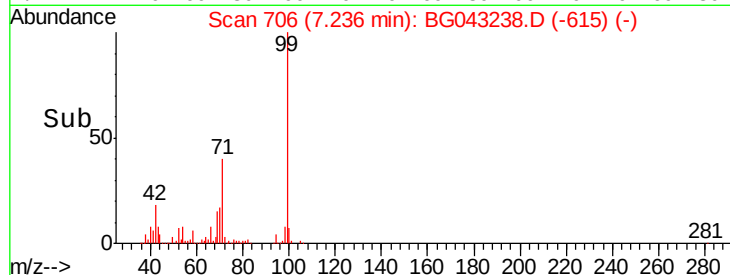
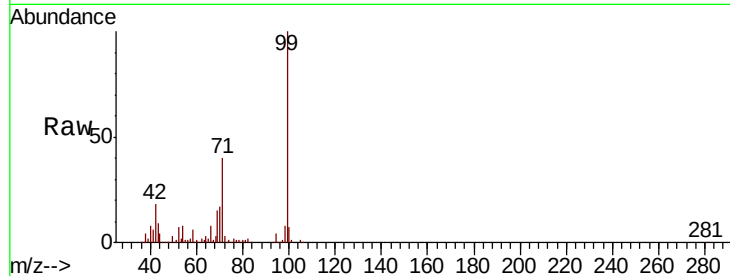
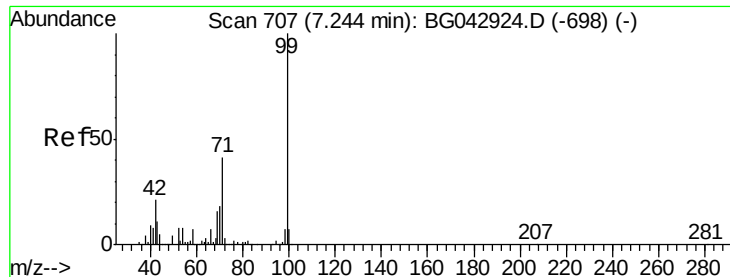
Delta R.T. -0.00 min

Lab File: BG043238.D

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Tgt Ion:	93	Resp:	105961
Ion Ratio	Lower	Upper	
93	100		
66	43.5	35.0	52.6
65	22.5	17.4	26.0





#7

Phenol-d6

Concen: 122.528 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		576885		
42	18.0	17.2	25.8		
71	40.1	33.1	49.7		

Instrument :

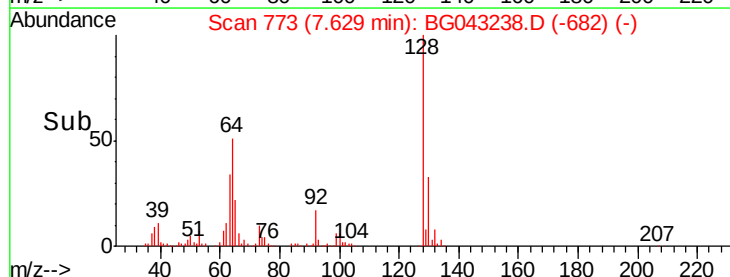
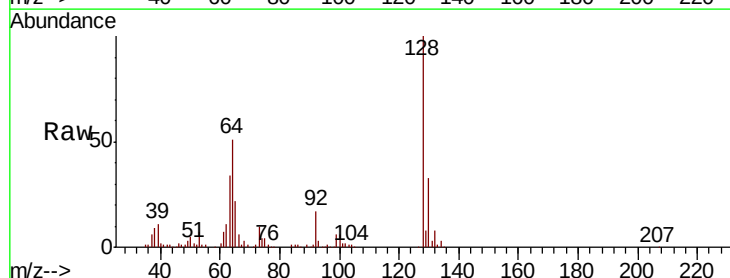
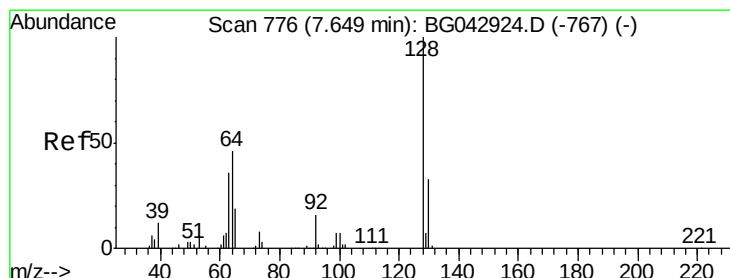
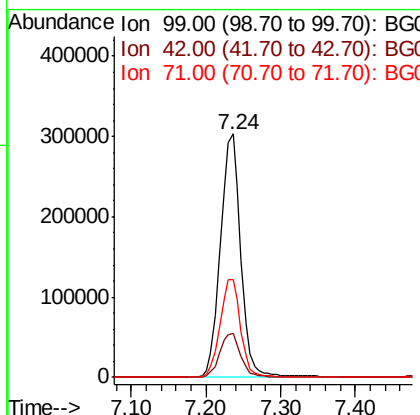
BNA_G

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#8

2-Chlorophenol

Concen: 45.011 ng

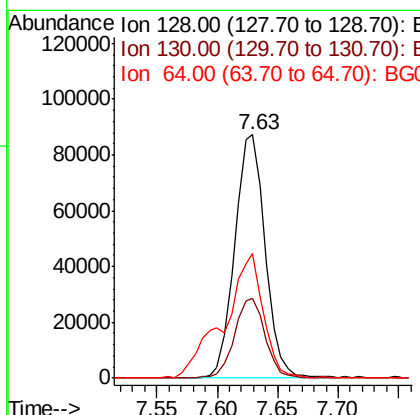
RT: 7.63 min Scan# 773

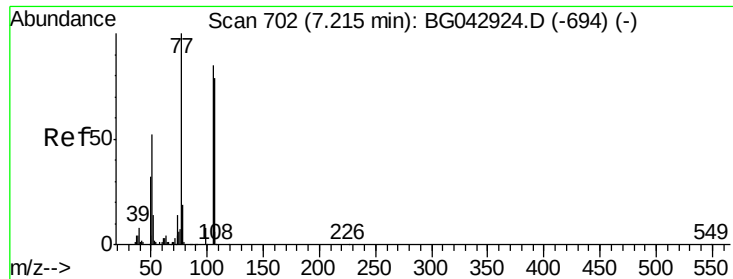
Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		153469		
130	32.9	12.5	52.5		
64	51.0	32.8	72.8		





#9

Benzaldehyde

Concen: 23.948 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

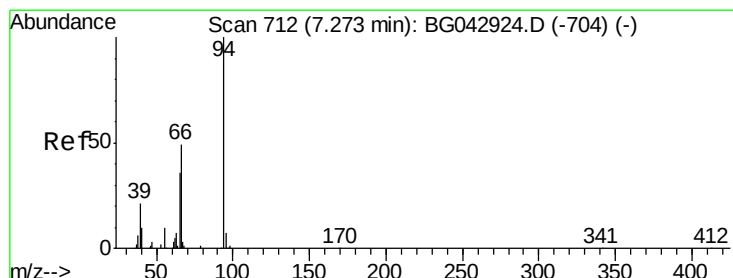
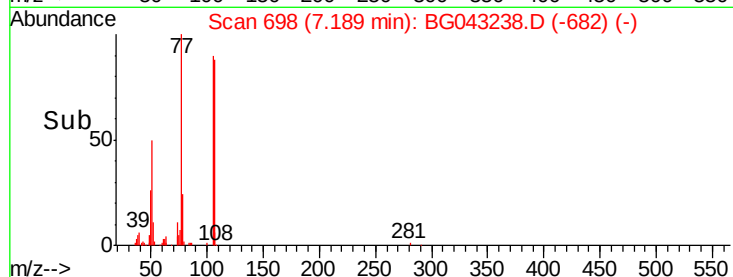
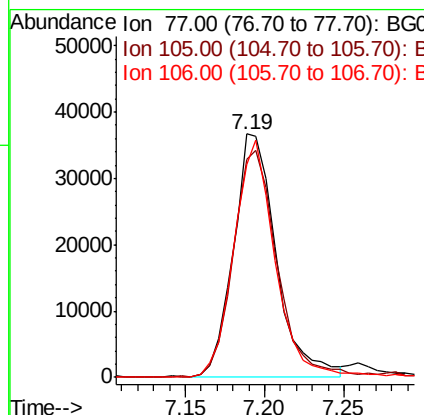
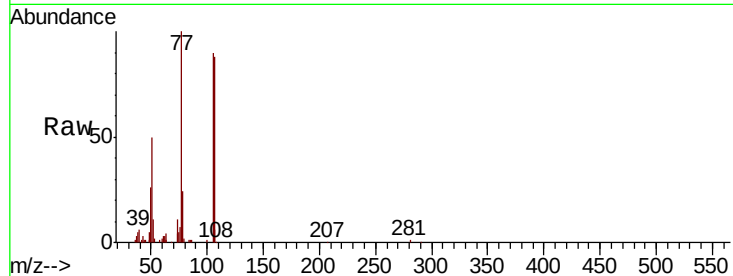
ClientSampleID :

OR-03-101119MSD

Tot Ion:	77	Resp:	68900
Ion Ratio	Lower	Upper	
77	100		
105	89.6	64.6	104.6
106	87.6	59.4	99.4

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#10

Phenol

Concen: 42.357 ng

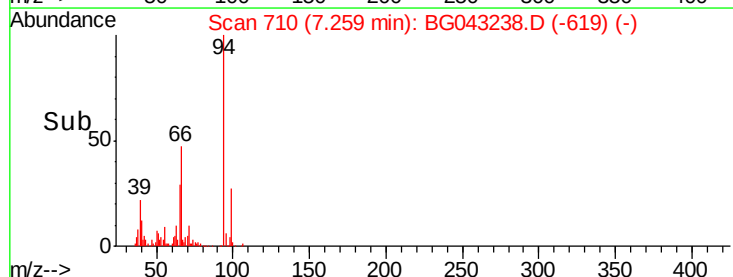
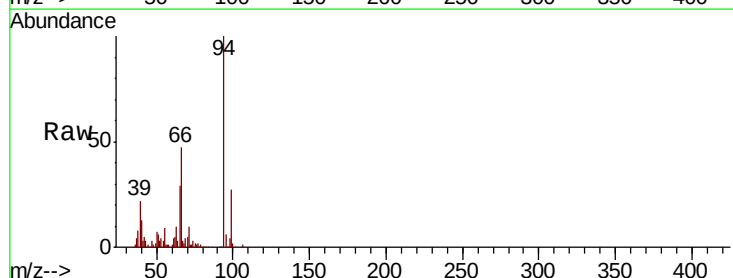
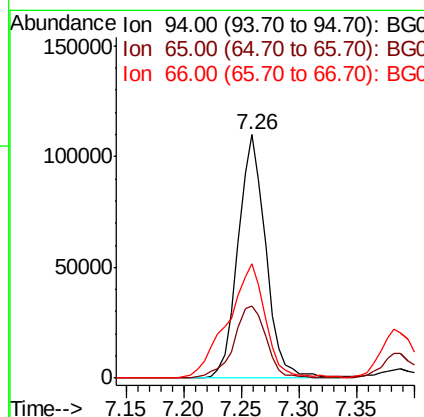
RT: 7.26 min Scan# 710

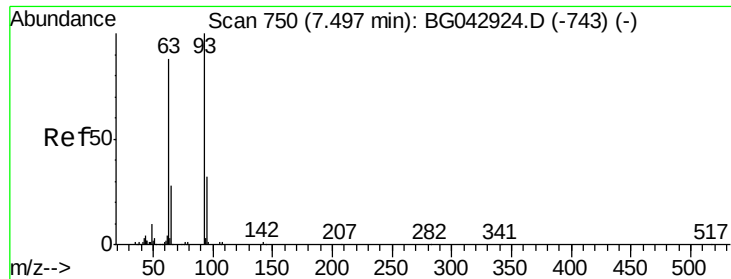
Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tgt Ion:	94	Resp:	182967
Ion Ratio	Lower	Upper	
94	100		
65	29.5	16.6	56.6
66	47.2	32.4	72.4





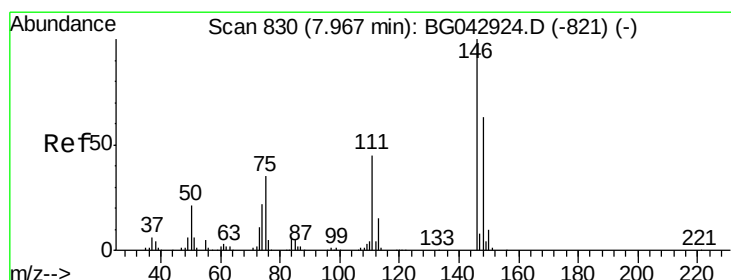
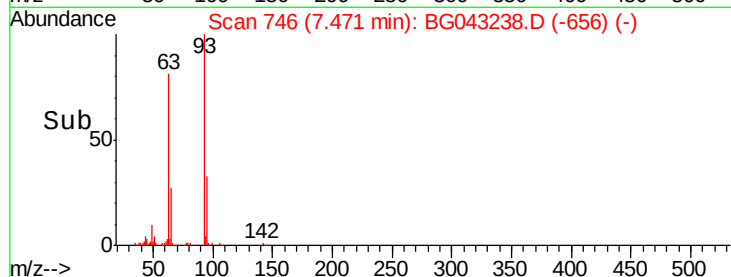
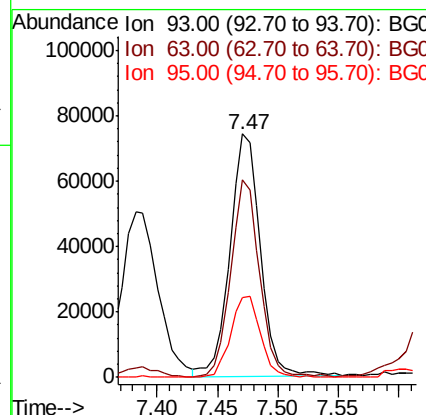
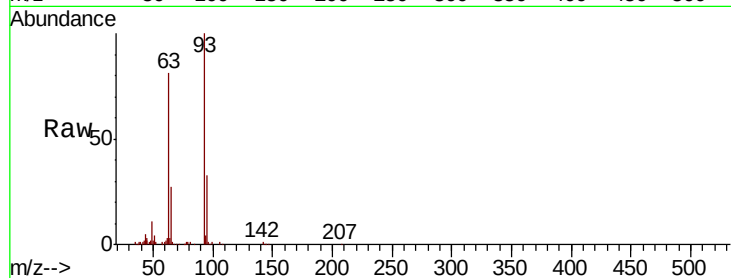
#11
bis(2-Chloroethyl)ether
Concen: 38.427 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.9	67.4	107.4
95	32.8	11.9	51.9

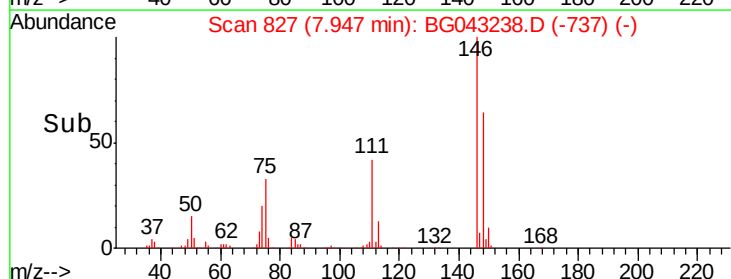
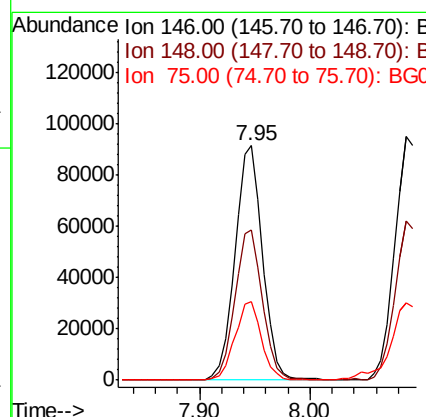
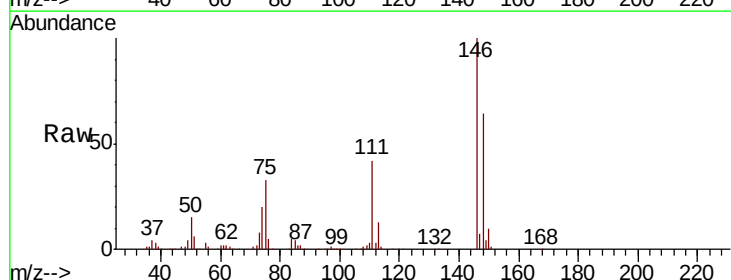
Manual Integrations
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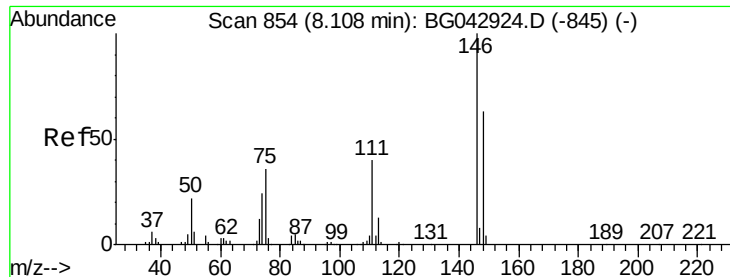
mohammad
10/17/2019 7:57:40 AM



#12
1,3-Dichlorobenzene
Concen: 36.737 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.7	76.1
75	33.4	27.7	41.5





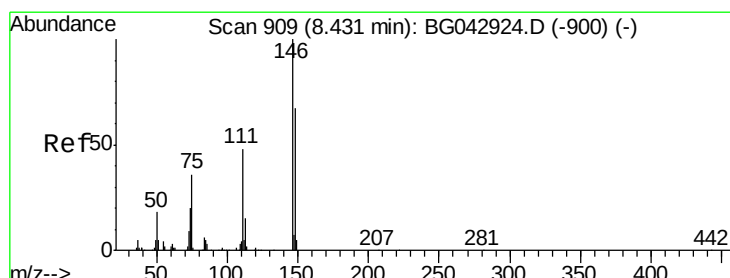
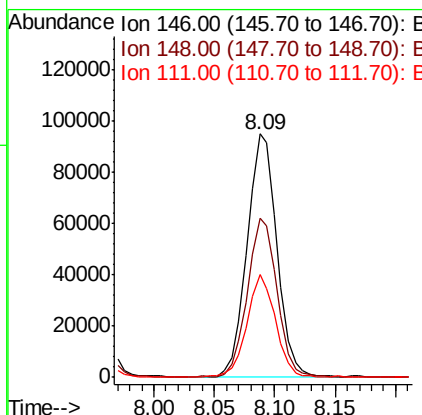
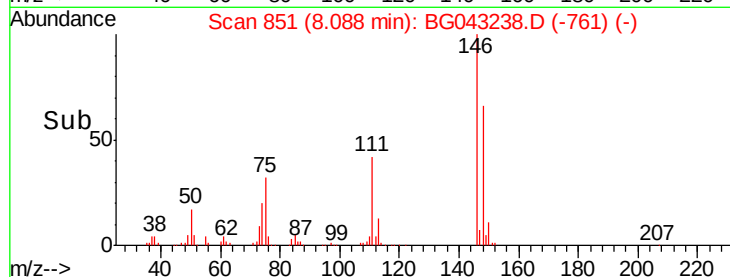
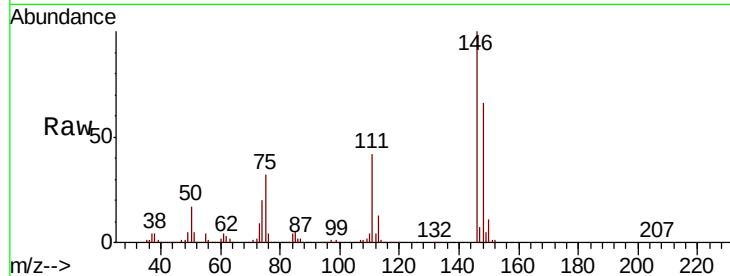
#13
 1,4-Dichlorobenzene
 Concen: 37.848 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.9	76.3
111	42.1	31.8	47.8

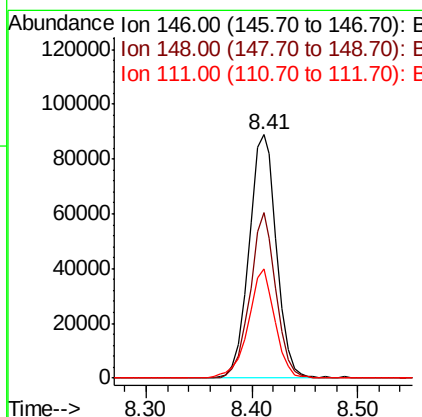
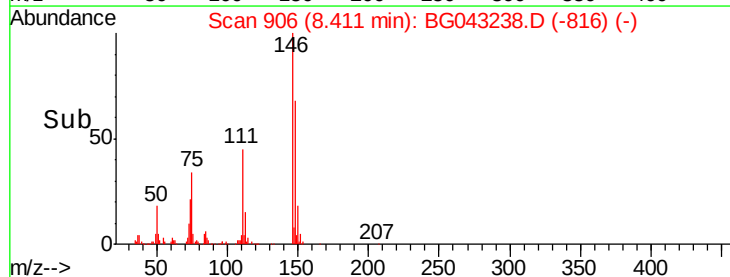
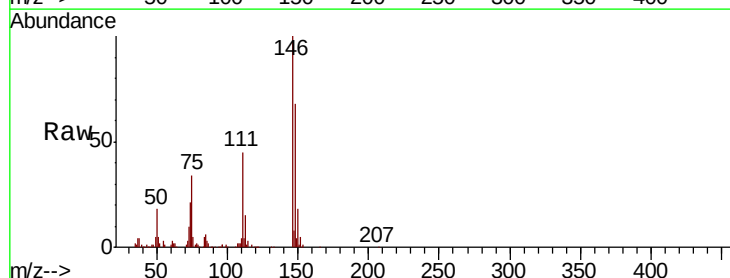
Manual Integrations
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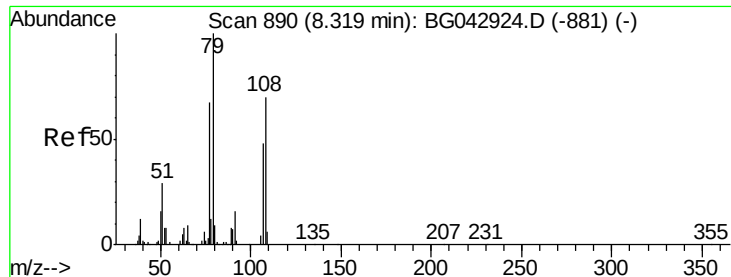
mohammad
 10/17/2019 7:57:40 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.933 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.0	53.4	80.2
111	44.9	38.5	57.7





#15

Benzyl Alcohol

Concen: 37.893 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

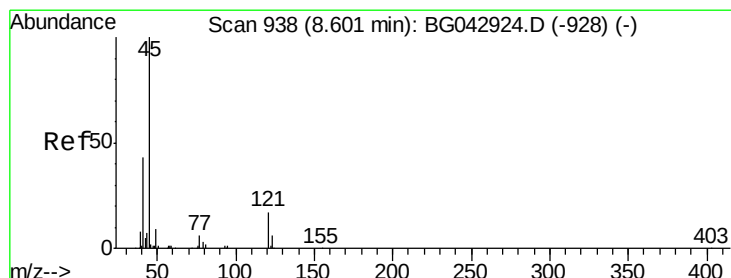
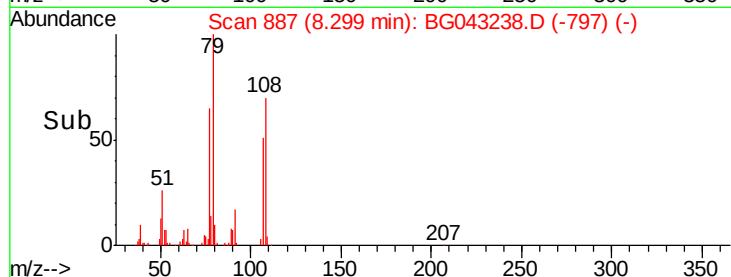
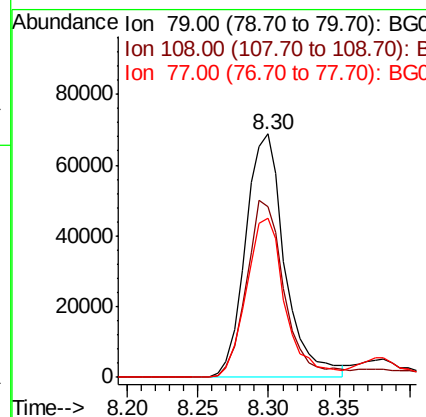
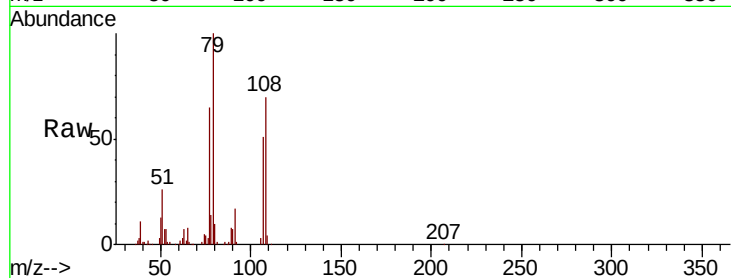
ClientSampleId :

OR-03-101119MSD

Tot Ion:	79	Resp:	134131
Ion Ratio	Lower	Upper	
79	100		
108	70.3	55.7	83.5
77	65.1	53.3	79.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.940 ng

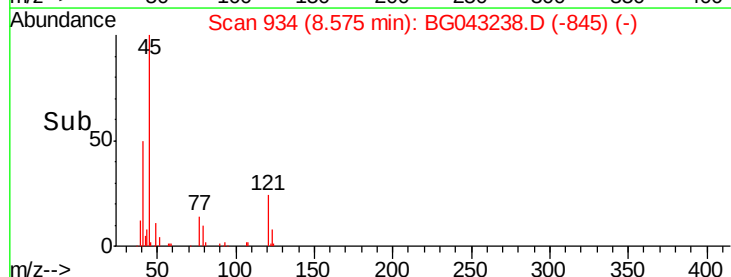
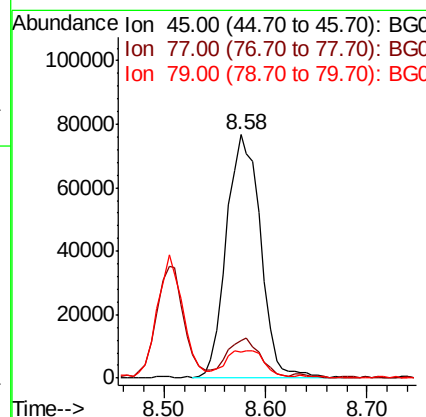
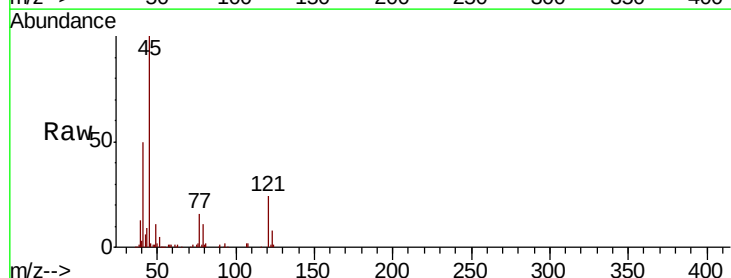
RT: 8.58 min Scan# 934

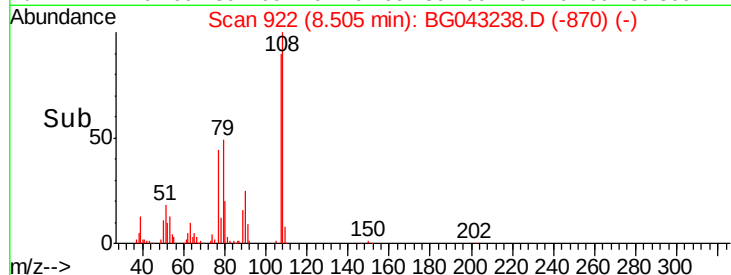
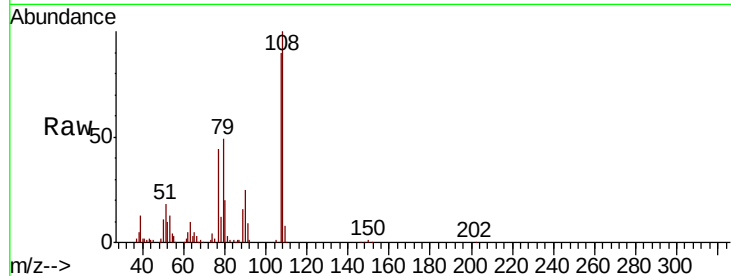
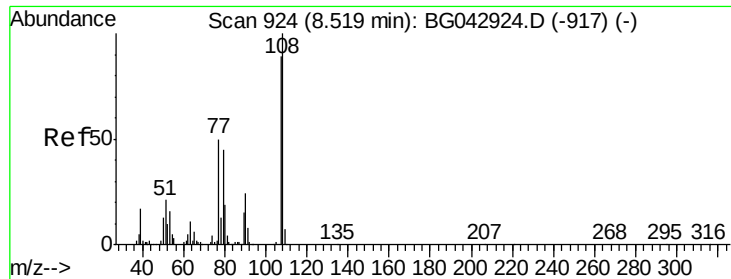
Delta R.T. -0.01 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

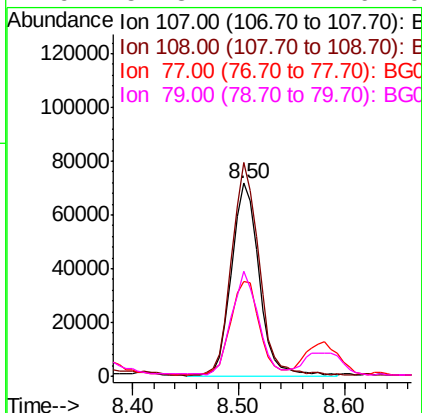
Tgt Ion:	45	Resp:	179332
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	32.8
79	10.9	0.0	29.4





#17
2-Methylphenol
Concen: 42.524 ng
RT: 8.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

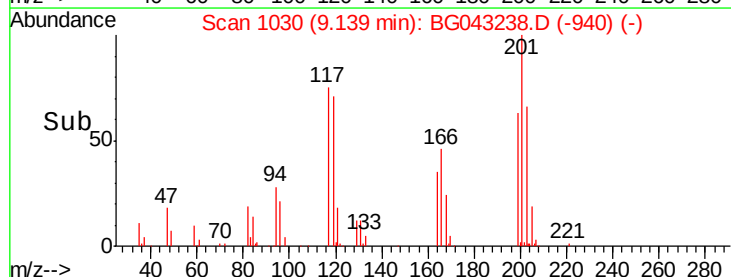
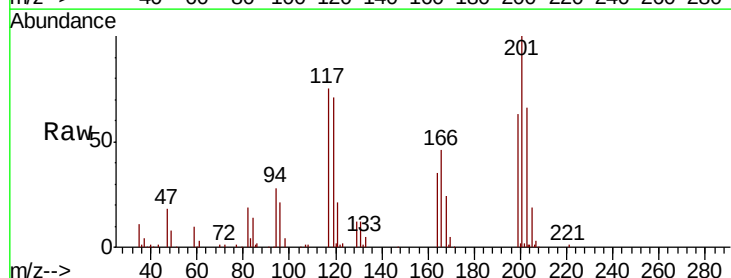
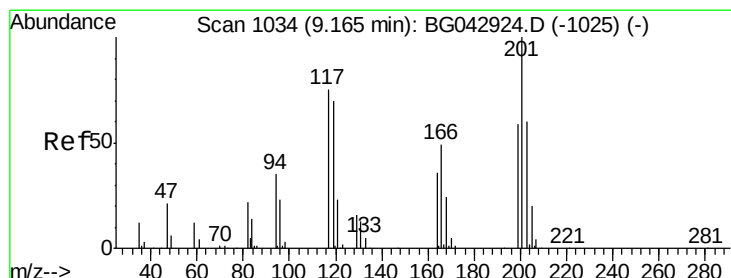
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	89.9	134.9	
77	49.1	45.4	68.2	
79	54.3	41.4	62.0	



Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

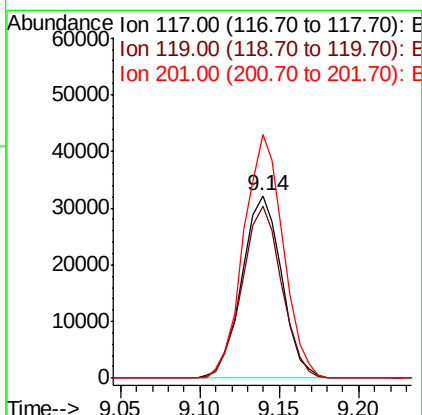
Manual Integrations
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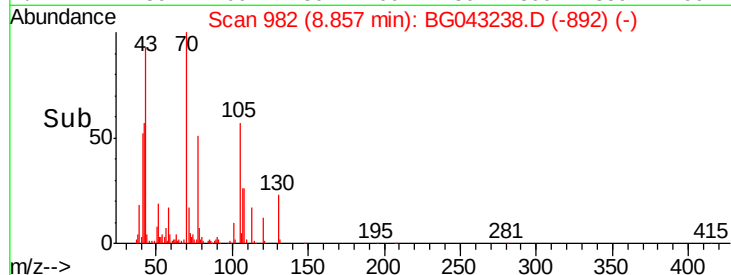
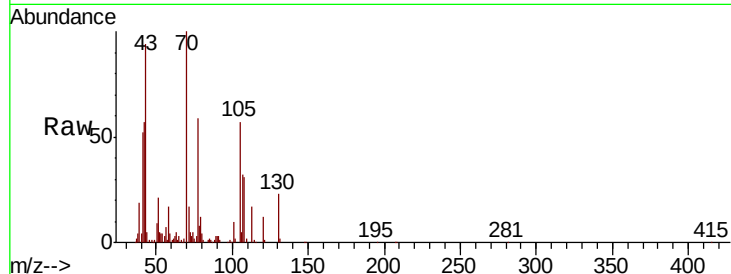
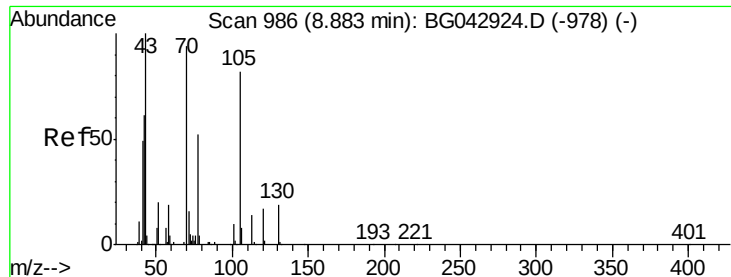
mohammad
10/17/2019 7:57:40 AM



#18
Hexachloroethane
Concen: 34.272 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	74.6	111.8	
201	133.6	106.0	159.0	





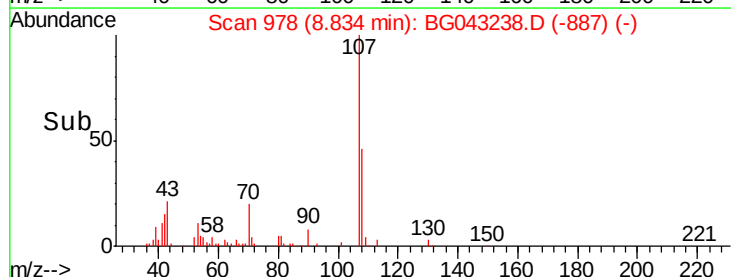
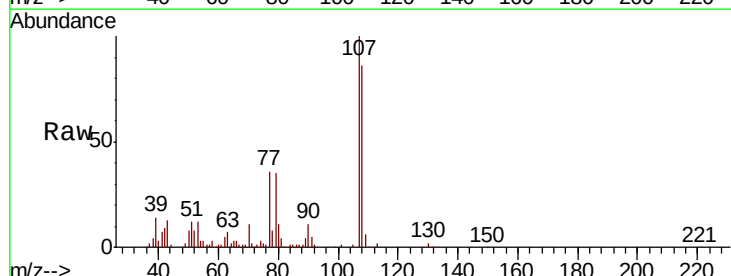
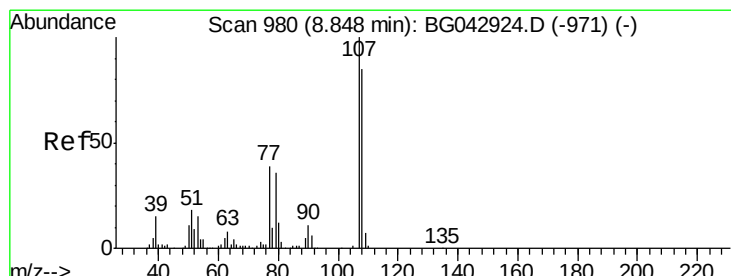
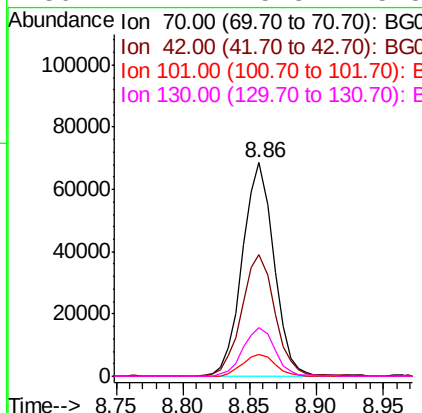
#19
n-Nitroso-di-n-propylamine
Concen: 36.368 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.8	52.6	79.0
101	10.2	8.7	13.1
130	22.7	15.8	23.8

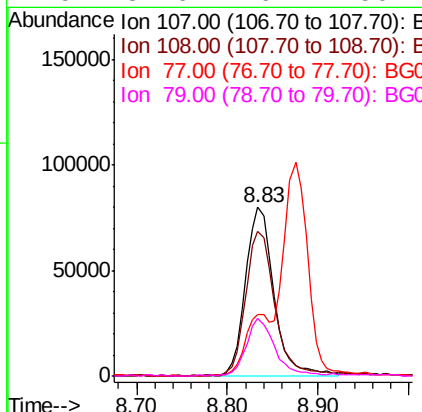
Manual Integrations
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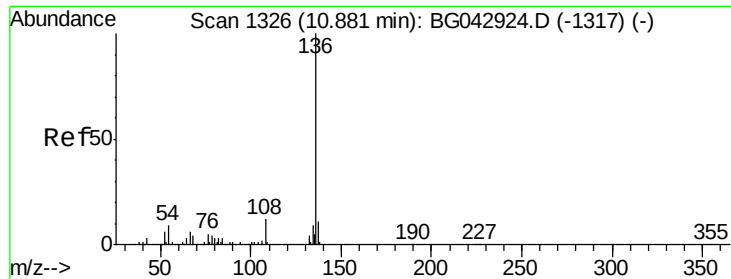
mohammad
10/17/2019 7:57:40 AM



#20
3+4-Methylphenols
Concen: 42.036 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.1	64.9	104.9
77	36.5	19.4	59.4
79	34.6	16.2	56.2





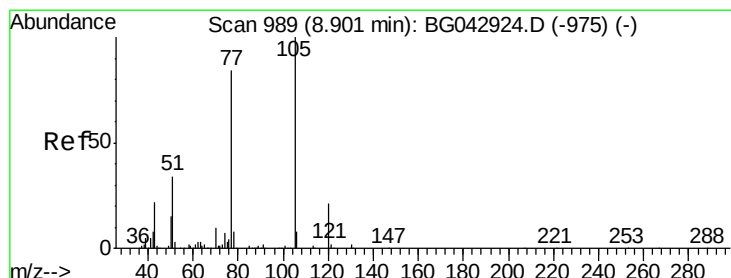
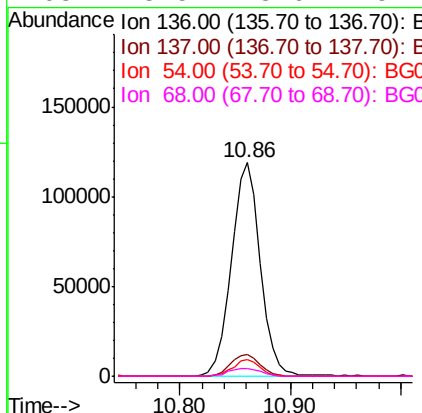
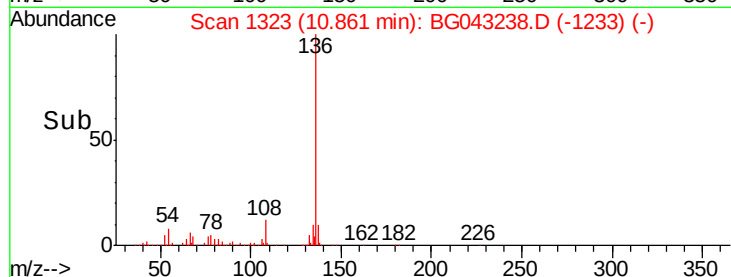
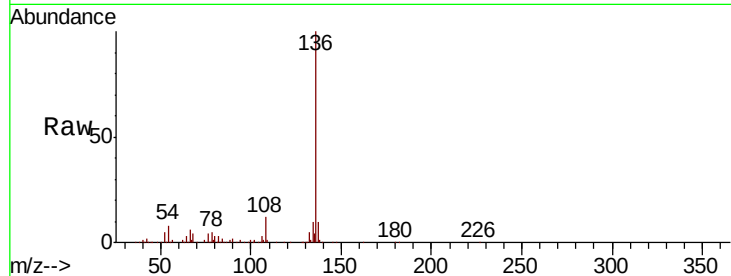
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		217652		
137	10.4		8.5	12.7	
54	7.7		7.4	11.2	
68	3.5		3.6	5.4	

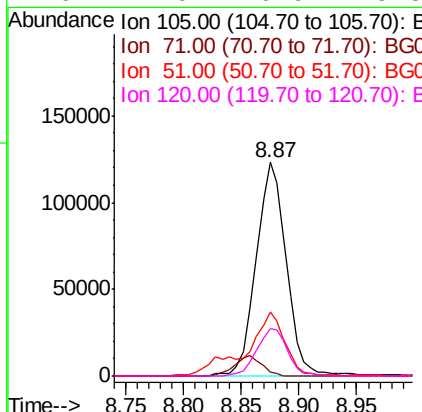
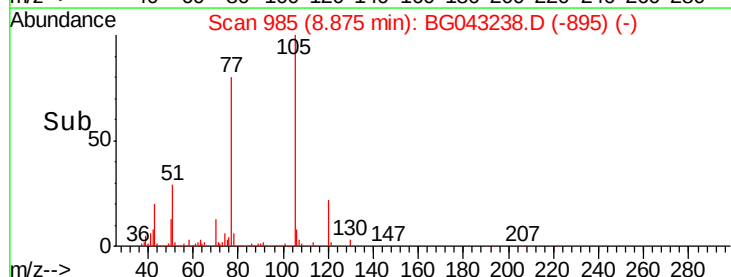
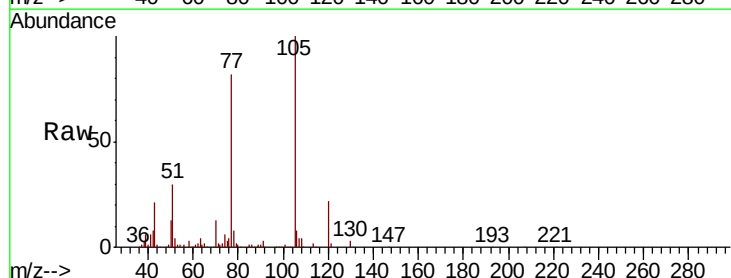
Manual Integrations
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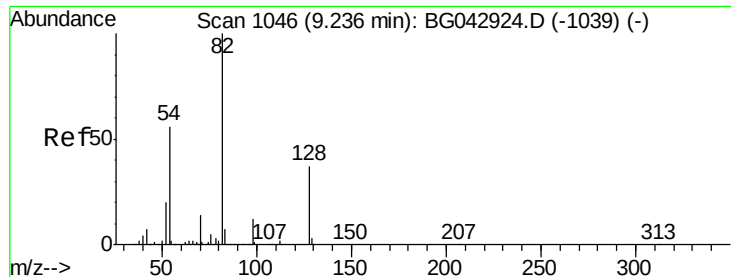
mohammad
10/17/2019 7:57:40 AM



#22
Acetophenone
Concen: 39.938 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		224066		
71	2.1		1.2	1.8	
51	29.9		27.2	40.8	
120	22.0		16.9	25.3	





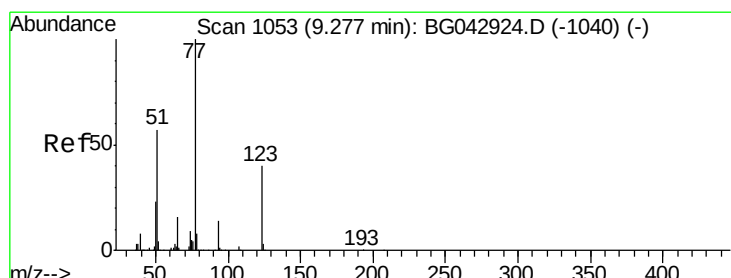
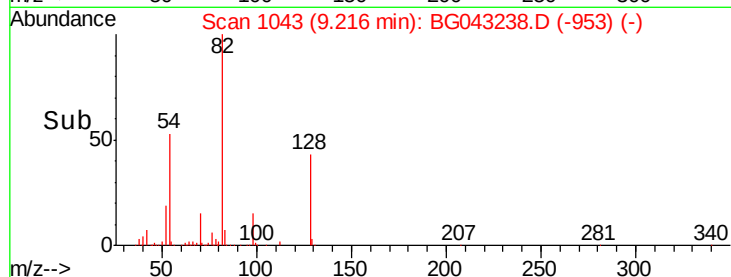
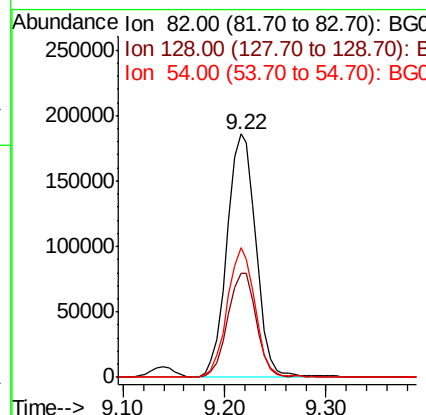
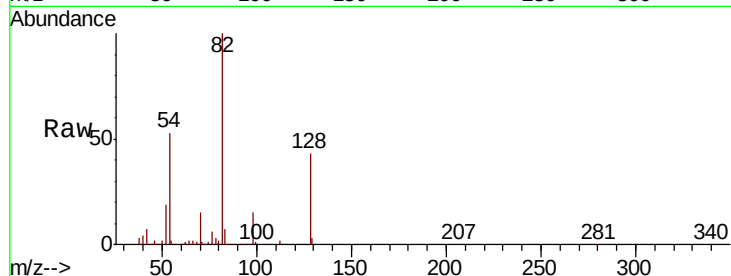
#23
 Nitrobenzene-d5
 Concen: 81.632 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	29.5	44.3
54	53.3	44.6	67.0

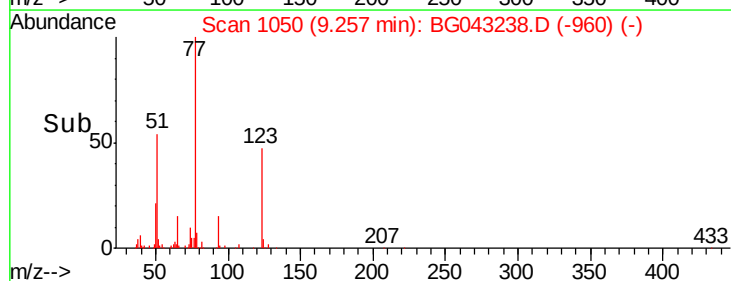
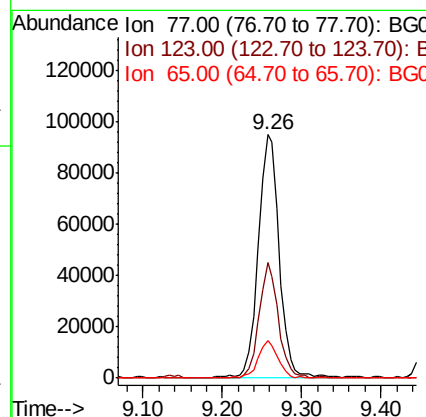
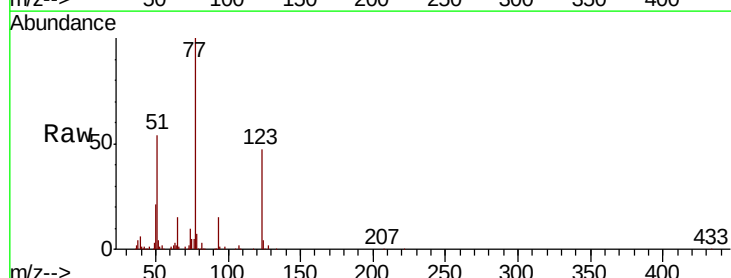
Manual Integrations
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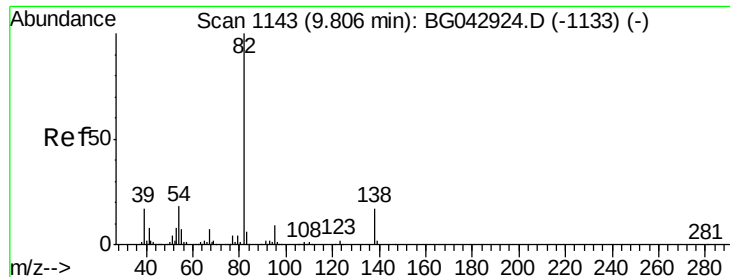
mohammad
 10/17/2019 7:57:40 AM



#24
 Nitrobenzene
 Concen: 40.899 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	31.9	47.9
65	15.2	12.4	18.6





#25

Isophorone

Concen: 41.213 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

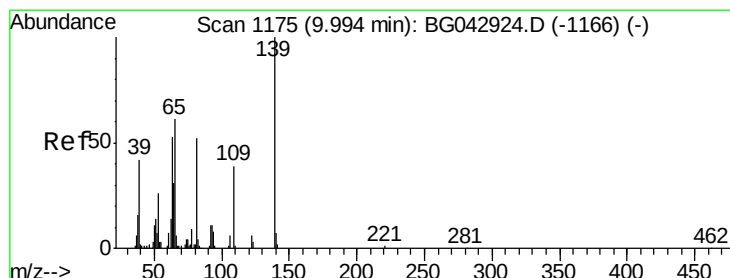
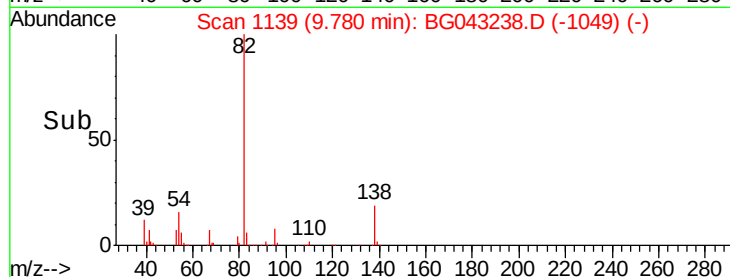
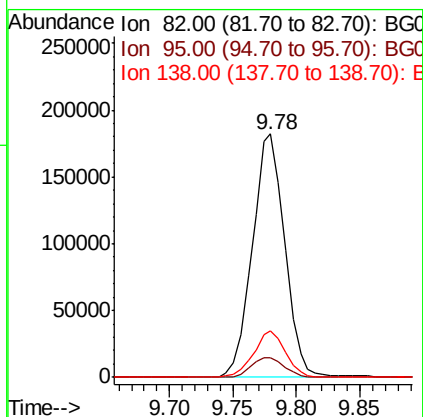
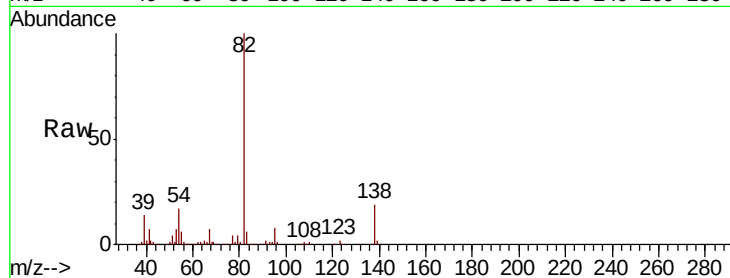
ClientSampleId :

OR-03-101119MSD

Tot Ion:	82	Resp:	324168
Ion Ratio	Lower	Upper	
82	100		
95	8.2	7.0	10.4
138	18.8	13.8	20.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.197 ng

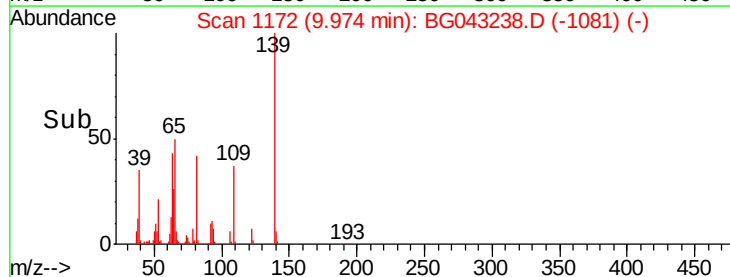
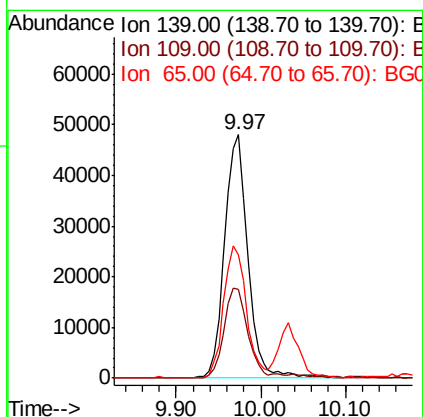
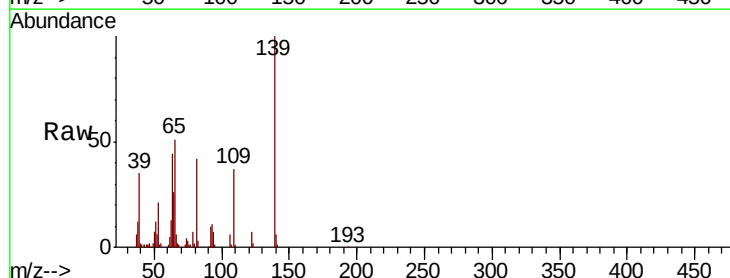
RT: 9.97 min Scan# 1172

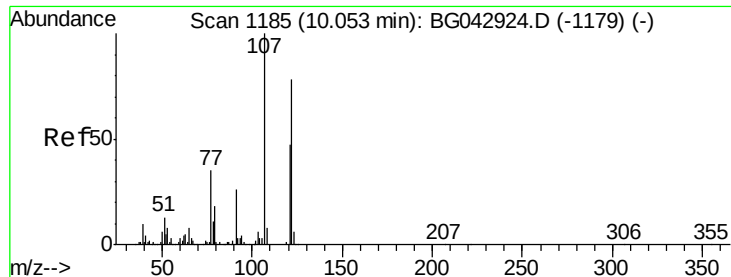
Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tgt Ion:	139	Resp:	91273
Ion Ratio	Lower	Upper	
139	100		
109	36.5	31.0	46.6
65	50.6	48.4	72.6





#27

2,4-Dimethylphenol

Concen: 49.453 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

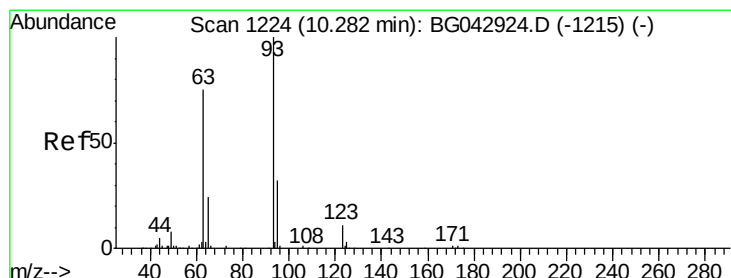
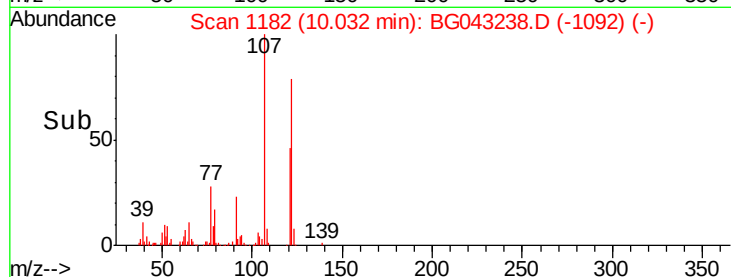
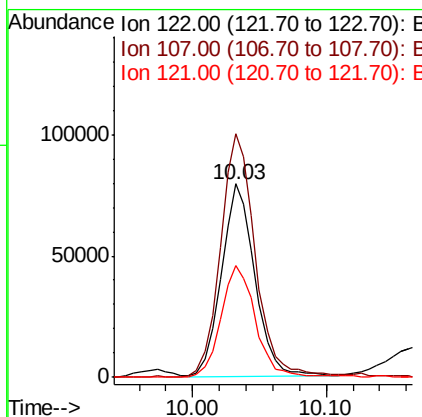
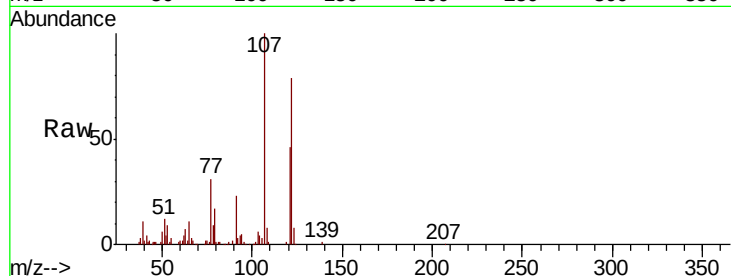
ClientSampleId :

OR-03-101119MSD

Tot Ion:	122	Resp:	138091
Ion Ratio	Lower	Upper	
122	100		
107	125.9	102.2	153.2
121	57.7	48.5	72.7

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 39.973 ng

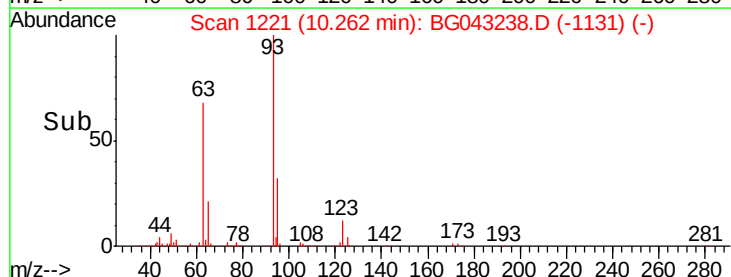
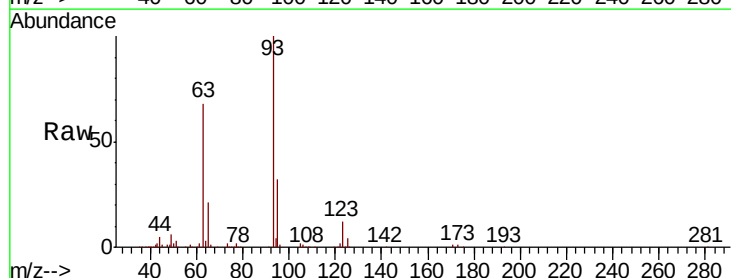
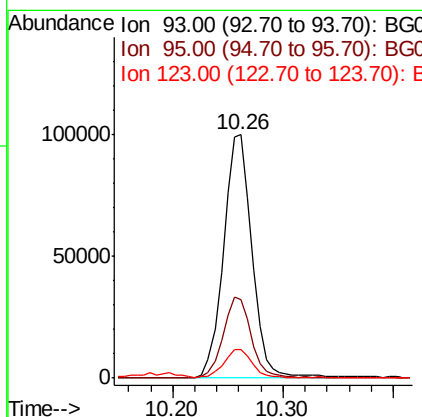
RT: 10.26 min Scan# 1221

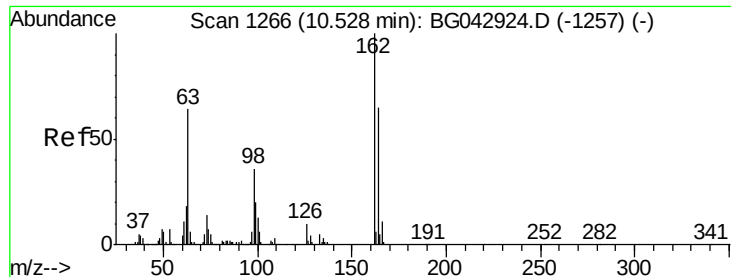
Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tgt Ion:	93	Resp:	178387
Ion Ratio	Lower	Upper	
93	100		
95	32.3	25.4	38.0
123	11.6	9.3	13.9





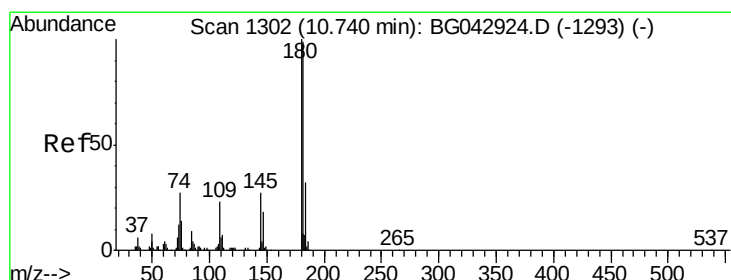
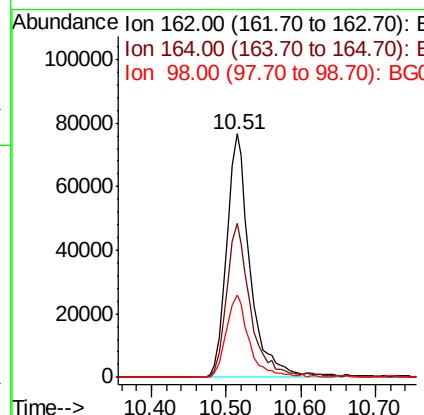
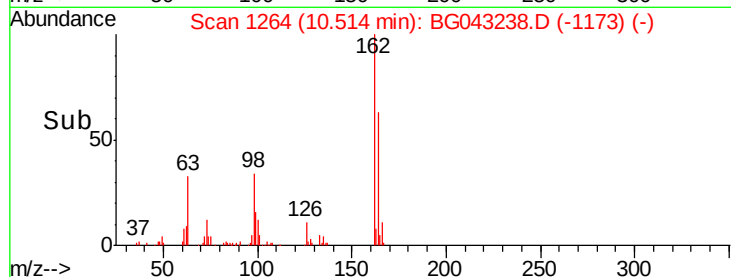
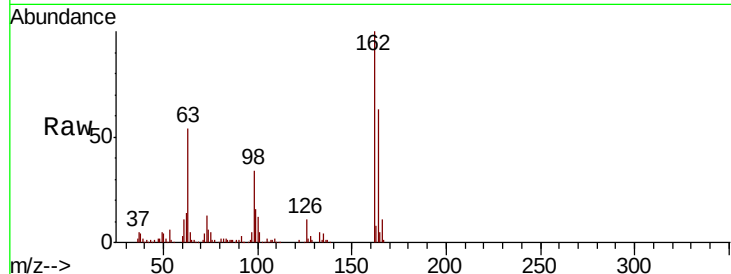
#29
2,4-Dichlorophenol
Concen: 48.291 ng
RT: 10.51 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	167709		
164	63.1	44.7	84.7	
98	34.0	16.0	56.0	

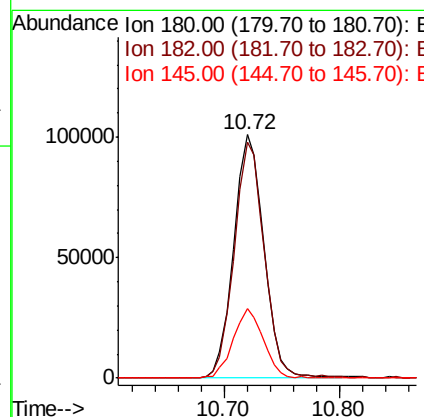
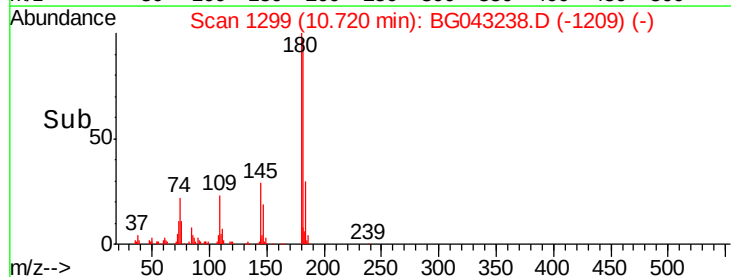
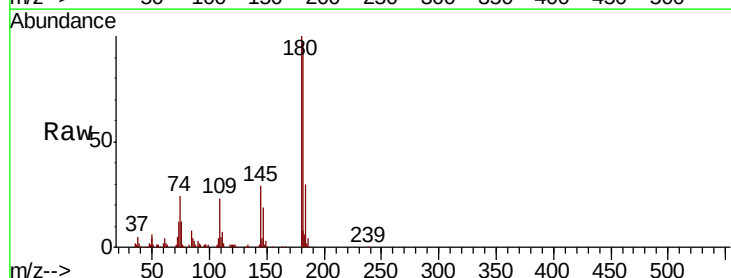
Manual Integrations
APPROVED

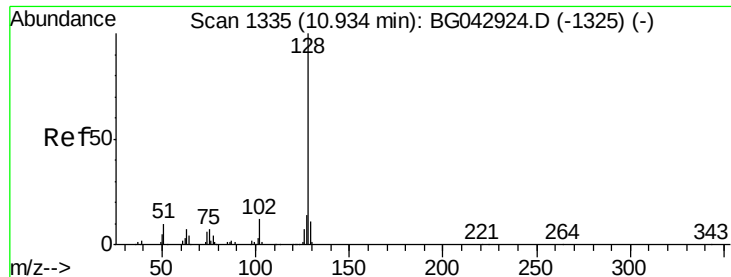
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.785 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	182913		
182	97.1	79.3	118.9	
145	28.6	22.0	33.0	





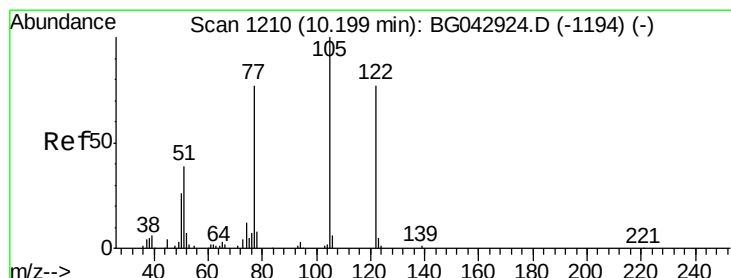
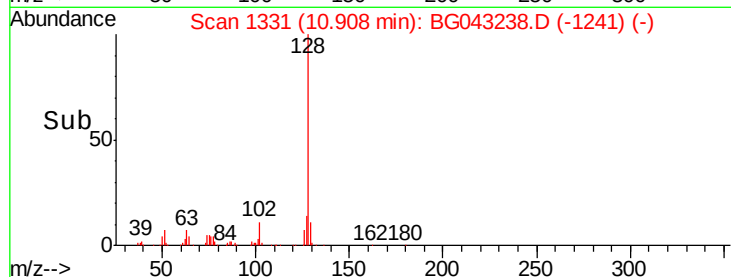
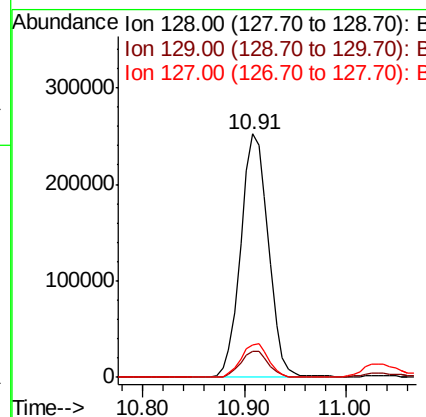
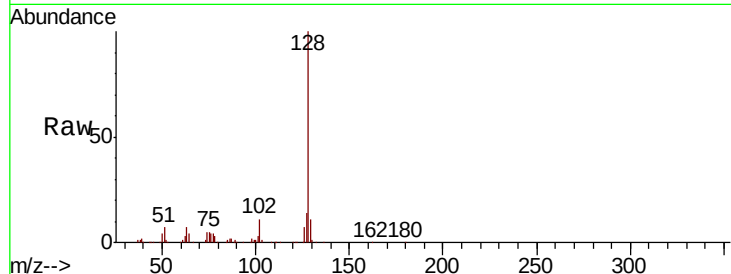
#31
Naphthalene
Concen: 44.520 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.6	11.3	16.9

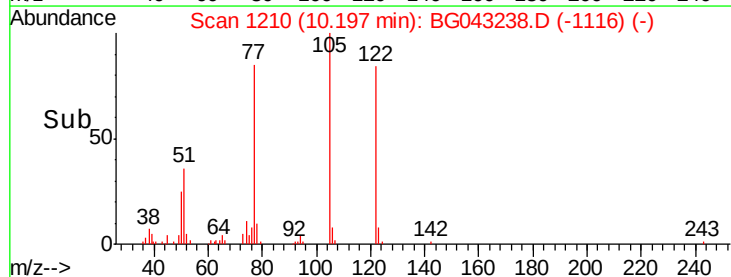
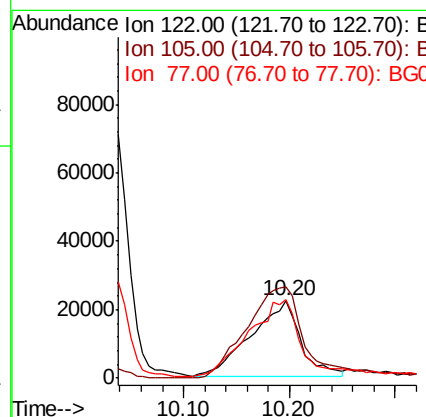
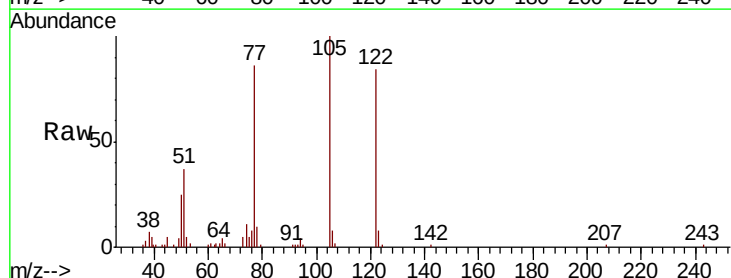
Manual Integrations
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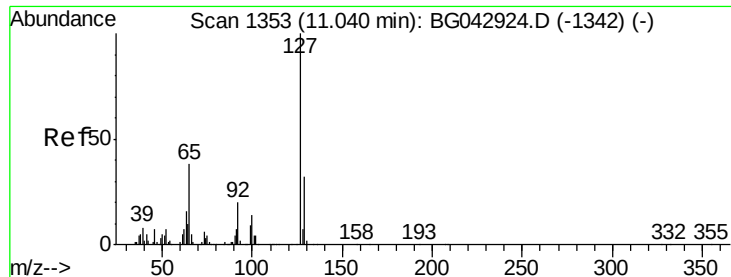
mohammad
10/17/2019 7:57:40 AM



#32
Benzoic acid
Concen: 34.823 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.02 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.4	107.5	147.5
77	102.2	79.8	119.8





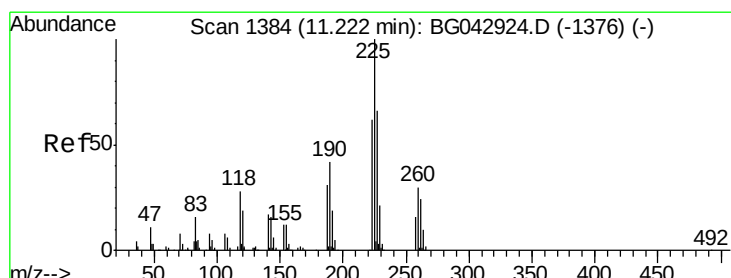
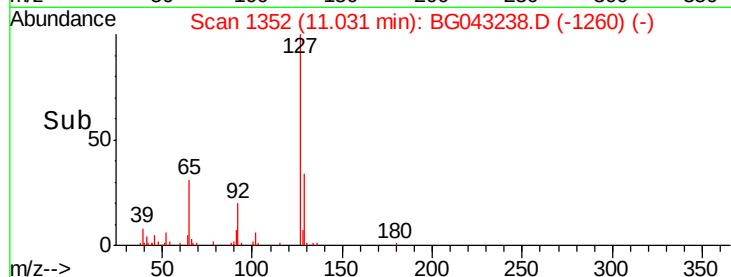
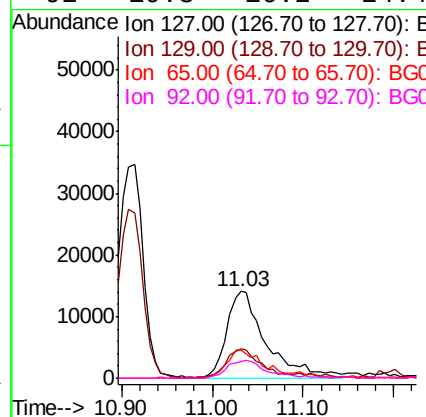
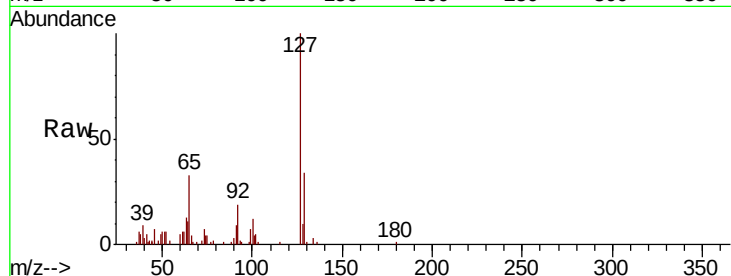
#33
4-Chloroaniline
Concen: 9.165 ng
RT: 11.03 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.2
65	32.5	30.6	45.8
92	19.3	16.2	24.4

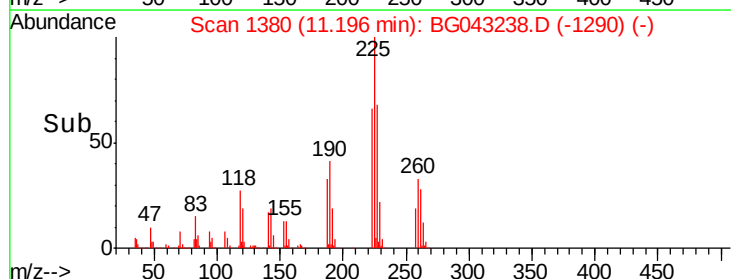
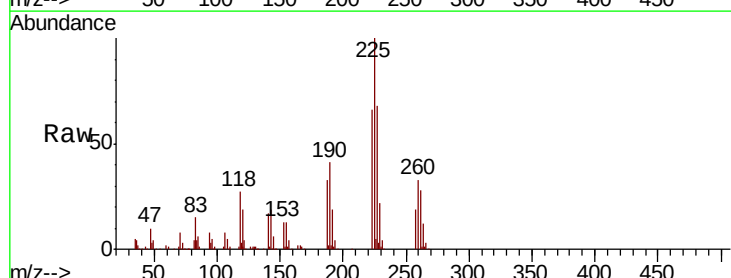
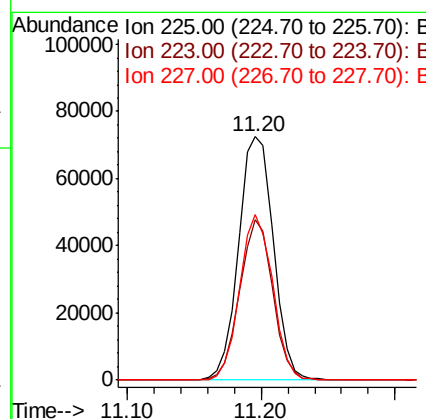
Manual Integrations
APPROVED

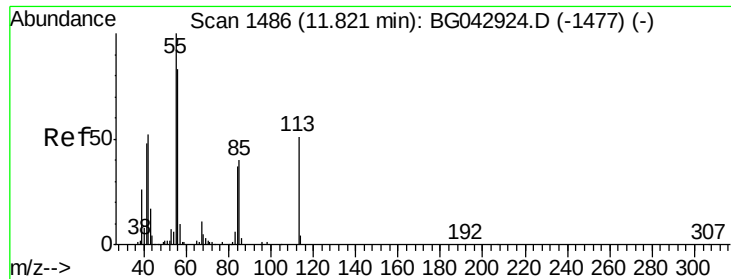
mohammad
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#34
Hexachlorobutadiene
Concen: 38.825 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.1	49.3	73.9
227	68.0	52.8	79.2





#35

Caprolactam

Concen: 39.297 ng/mL

RT: 11.80 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampleId :

OR-03-101119MSD

Tot Ion:113 Resp: 48127

Ion Ratio Lower Upper

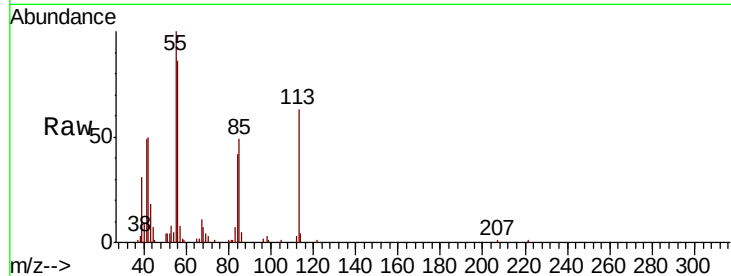
113 100

55 157.8 175.5 215.5#

56 135.7 142.3 182.3#

Manual Integrations
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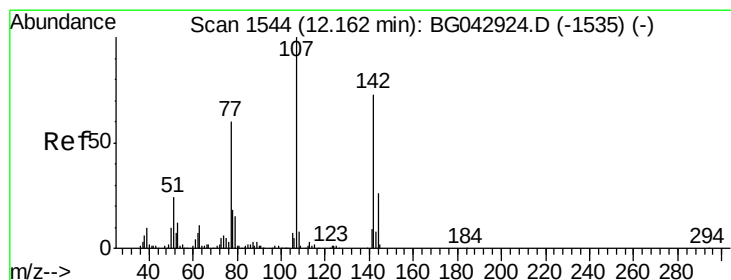
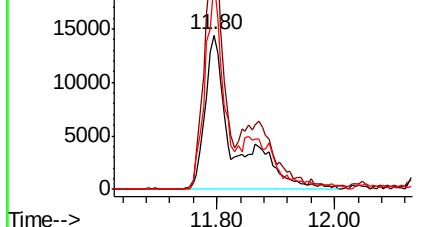
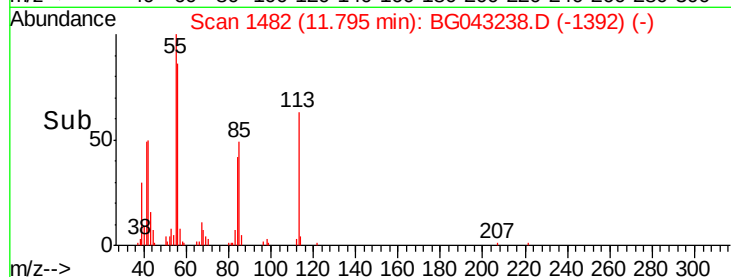
mohammad
10/17/2019 7:57:40 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 47.130 ng/mL

RT: 12.15 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

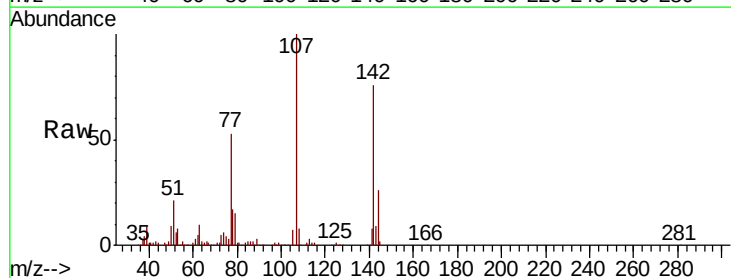
Tgt Ion:107 Resp: 177962

Ion Ratio Lower Upper

107 100

144 25.9 20.7 31.1

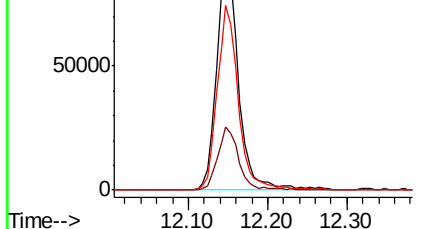
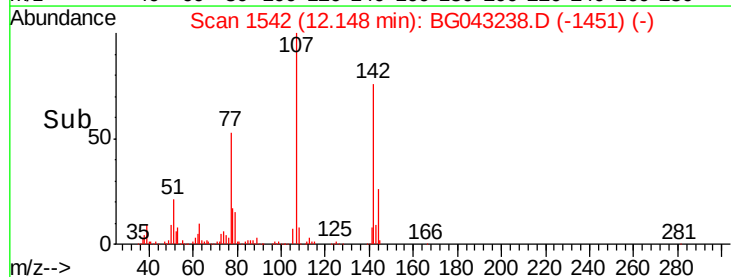
142 75.8 58.6 87.8

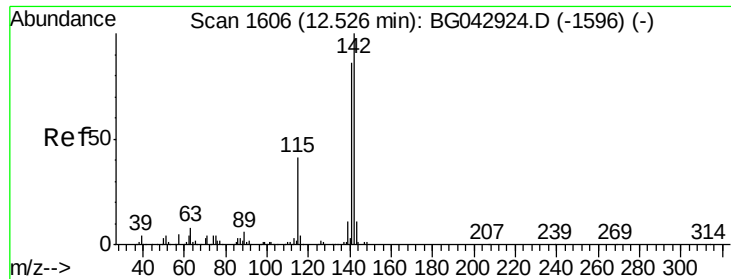


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





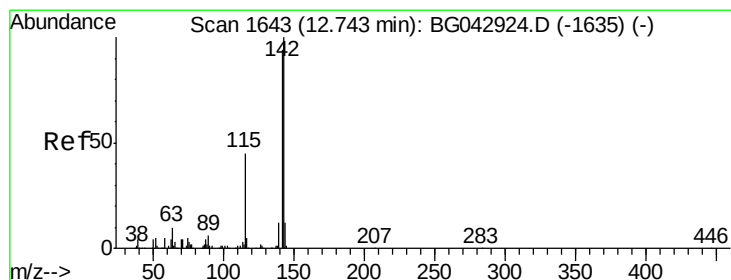
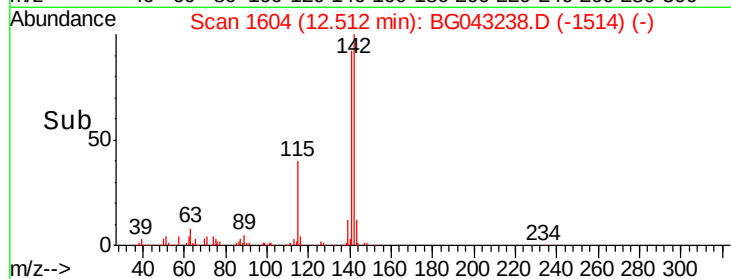
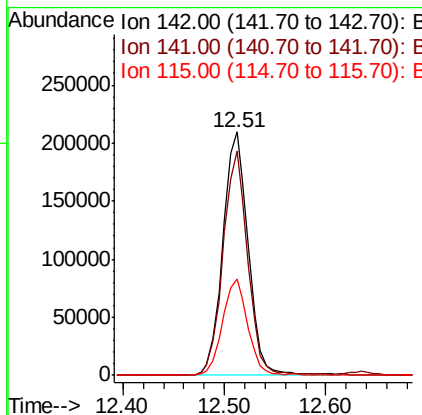
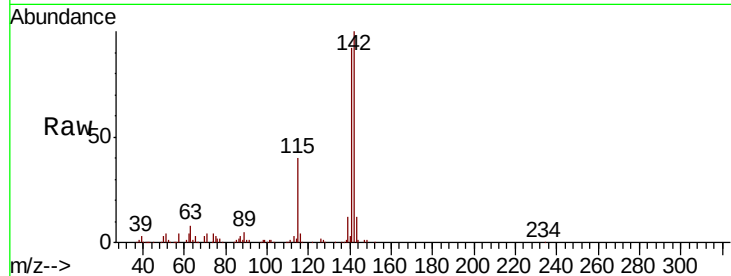
#37
2-Methylnaphthalene
Concen: 44.283 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	69.0	103.4
115	39.6	32.8	49.2

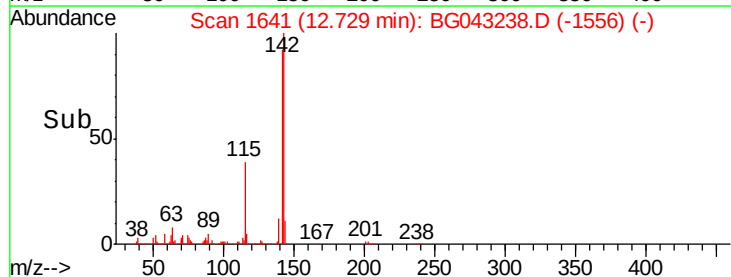
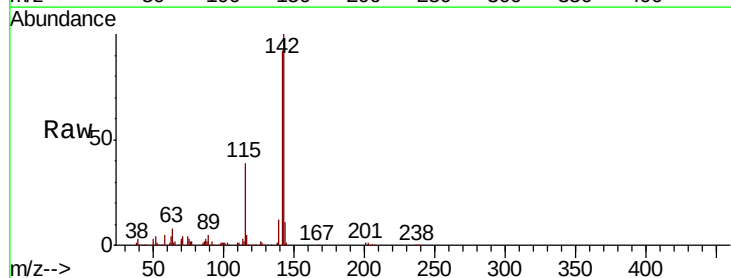
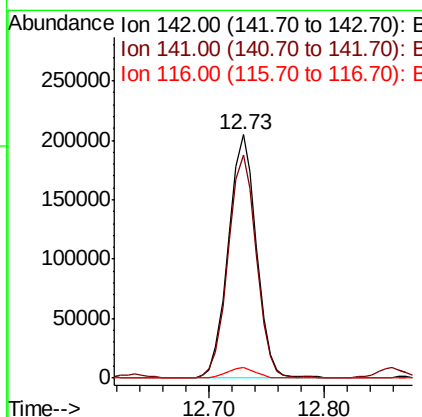
Manual Integrations
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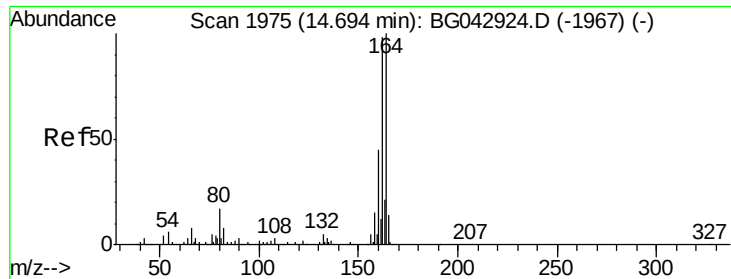
mohammad
10/17/2019 7:57:40 AM



#38
1-Methylnaphthalene
Concen: 44.373 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.9	112.3
116	4.6	3.7	5.5





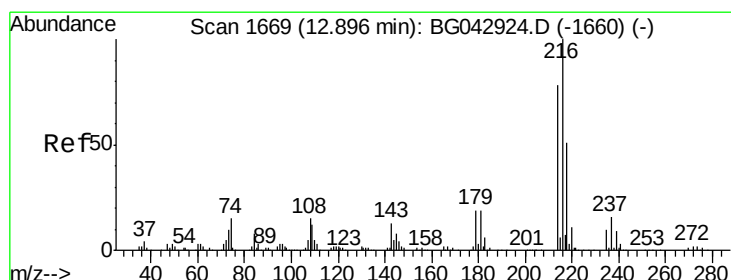
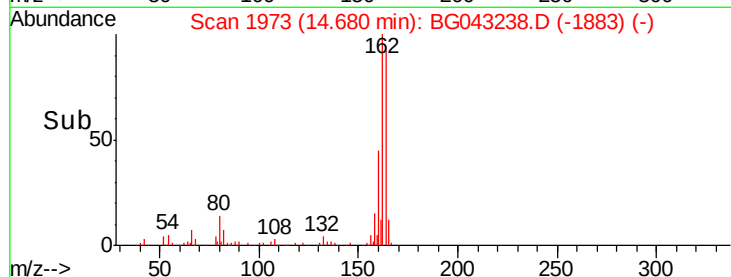
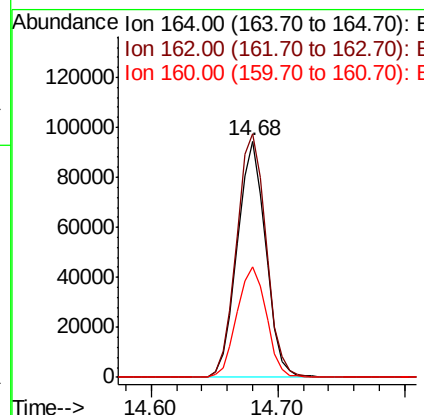
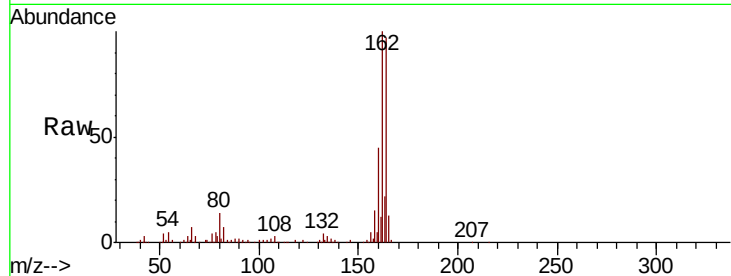
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.5	117.7
160	46.9	35.9	53.9

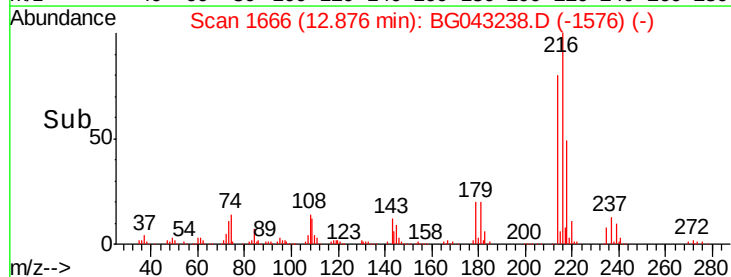
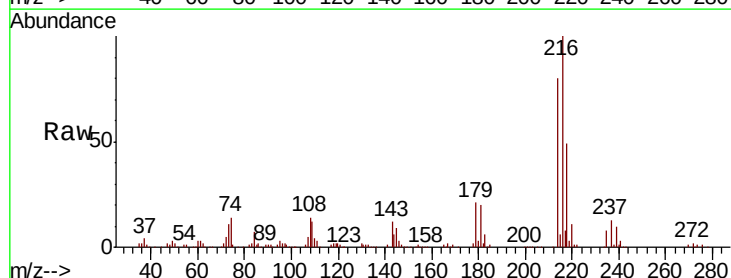
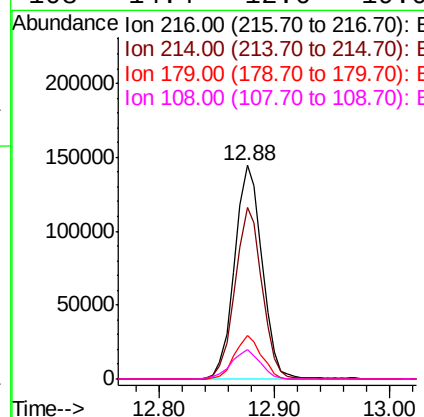
Manual Integrations
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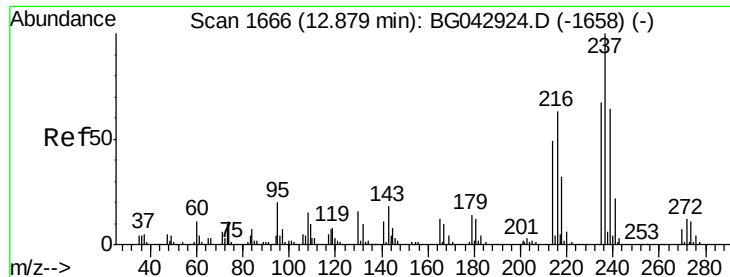
mohammad
10/17/2019 7:57:40 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.635 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.4	93.6
179	19.6	15.4	23.2
108	14.4	12.6	19.0





#41

Hexachlorocyclopentadiene

Concen: 38.894 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

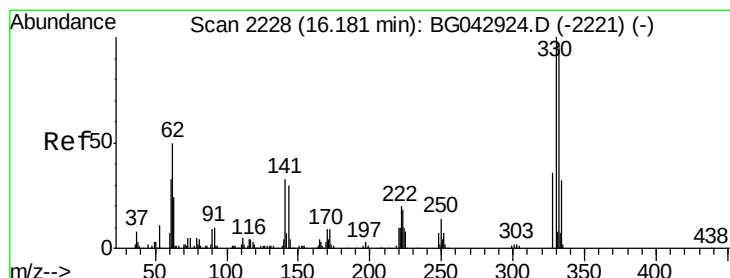
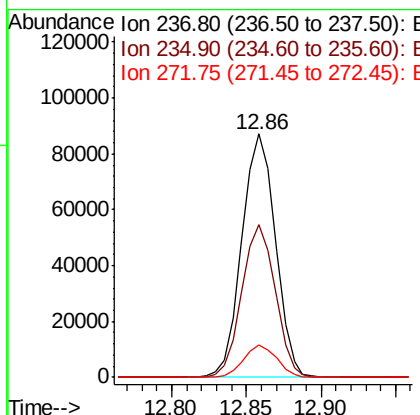
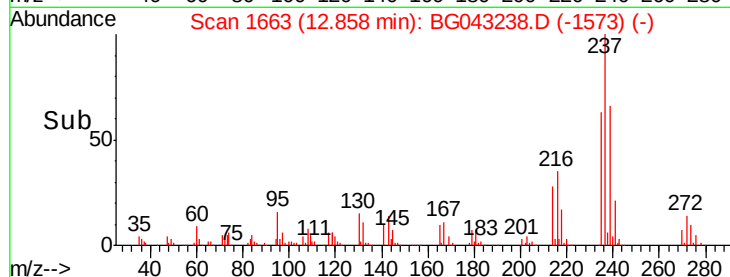
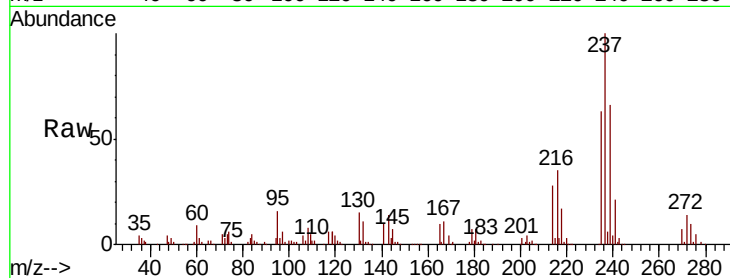
ClientSampleId :

OR-03-101119MSD

Tot Ion:	237	Resp:	135973
Ion Ratio	Lower	Upper	
237	100		
235	62.9	46.7	86.7
272	13.6	0.0	32.3

Manual Integrations
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mohammad
10/17/2019 7:57:40 AM



#42

2,4,6-Tribromophenol

Concen: 140.028 ng

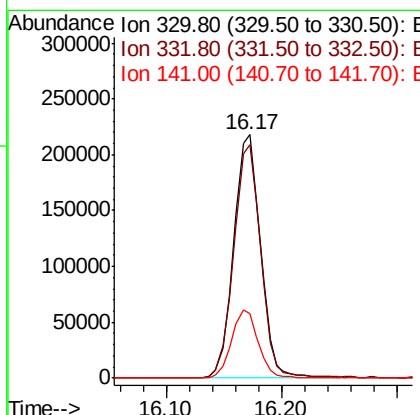
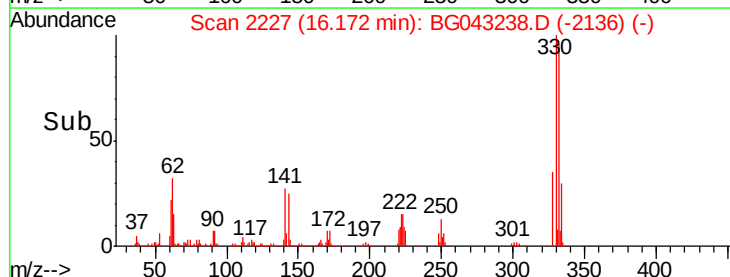
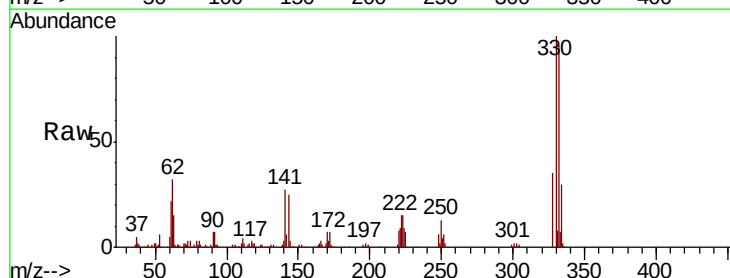
RT: 16.17 min Scan# 2227

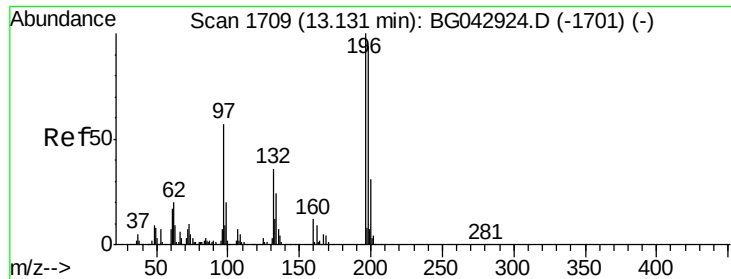
Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tgt Ion:	330	Resp:	351379
Ion Ratio	Lower	Upper	
330	100		
332	96.7	78.2	117.2
141	28.1	26.0	39.0





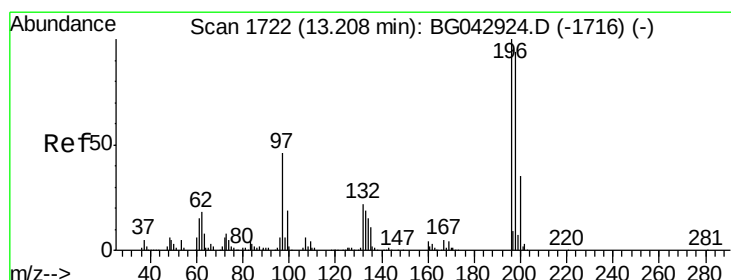
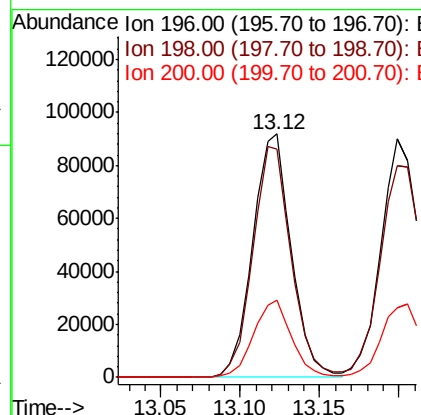
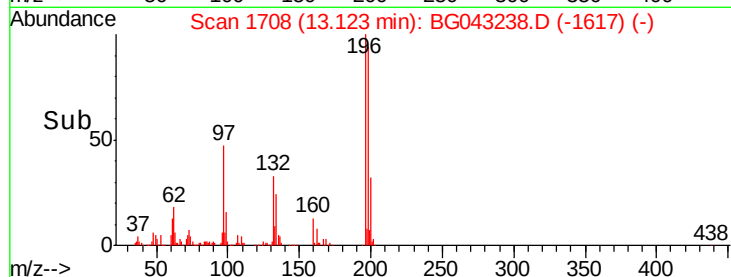
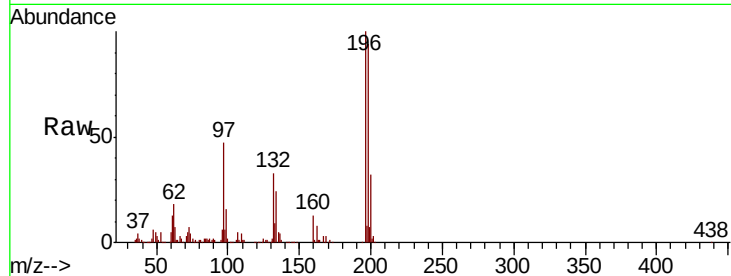
#43
 2,4,6-Trichlorophenol
 Concen: 48.333 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101119MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	155220		
198	93.6	75.5	113.3	
200	31.5	24.9	37.3	

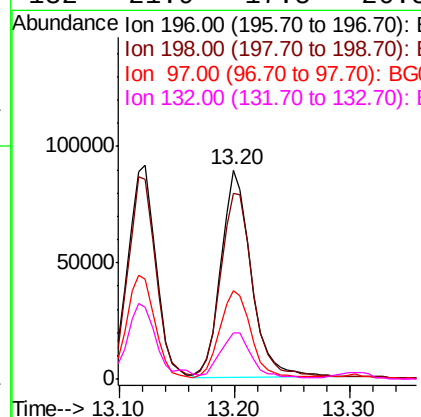
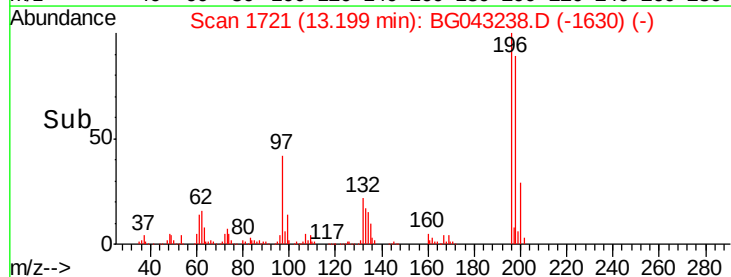
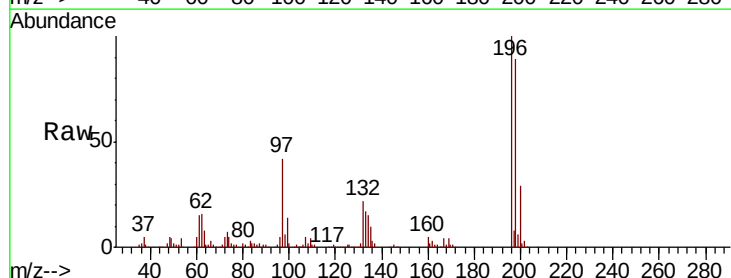
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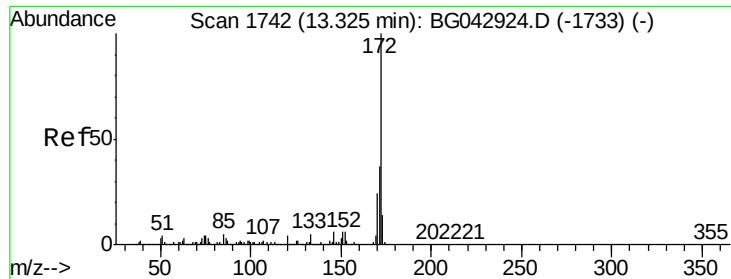
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.055 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162289		
198	88.6	75.1	112.7	
97	42.4	37.0	55.4	
132	21.9	17.5	26.3	





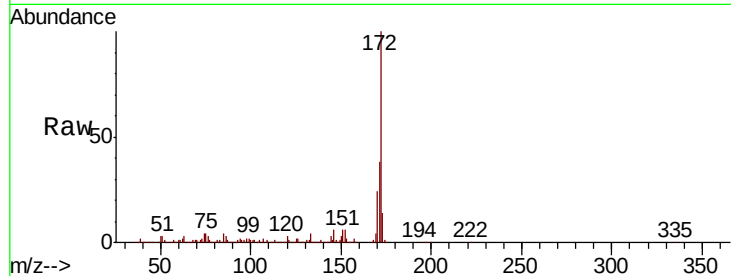
#45
2-Fluorobiphenyl
Concen: 94.865 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	38.0	29.6	44.4		
170	23.9	19.6	29.4		

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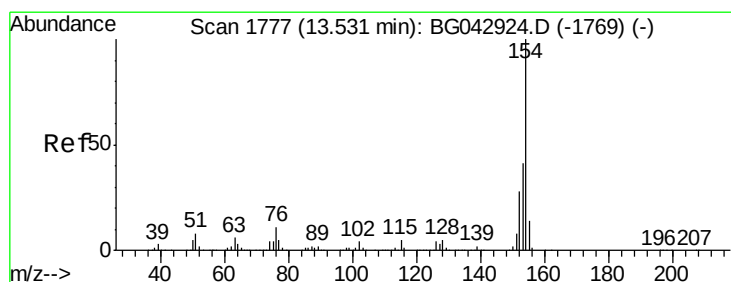
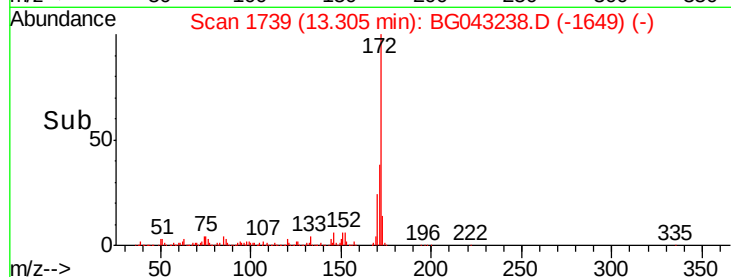
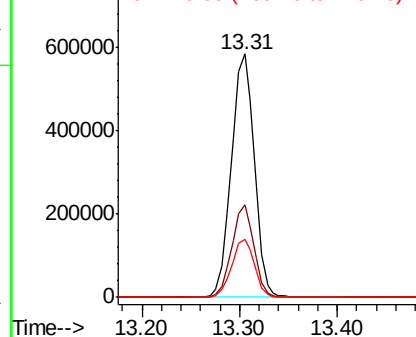


Abundance

Ion 172.00 (171.70 to 172.70): E

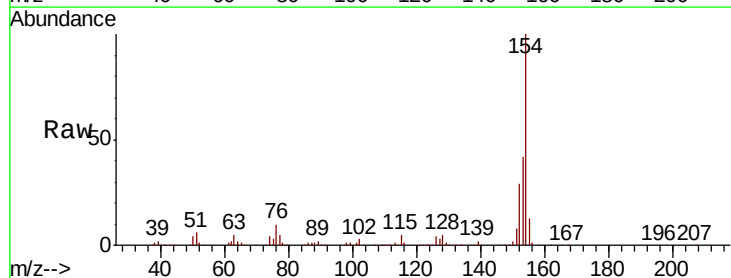
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.383 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	42.0	21.4	61.4		
76	9.6	0.0	31.3		

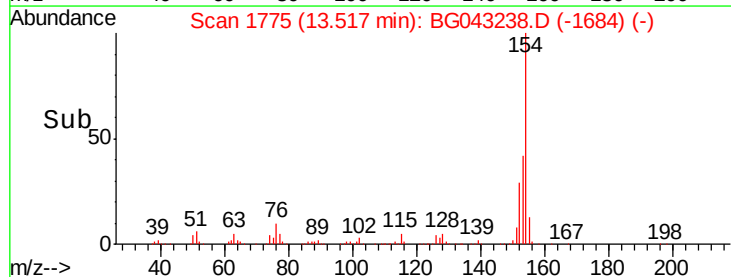
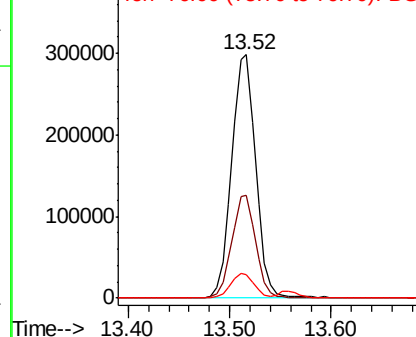


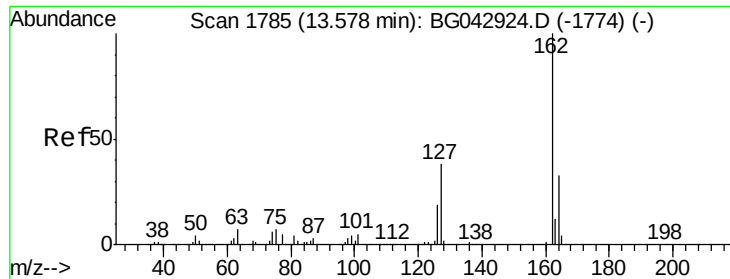
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





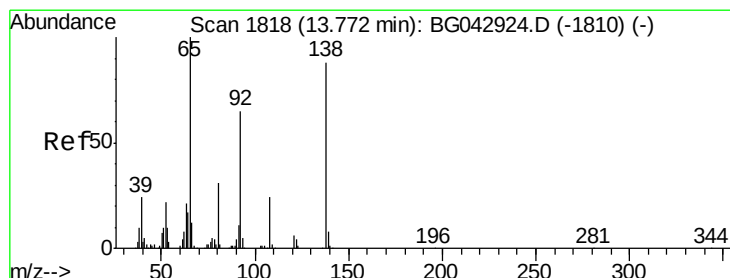
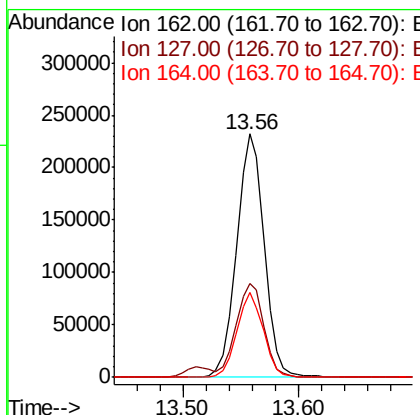
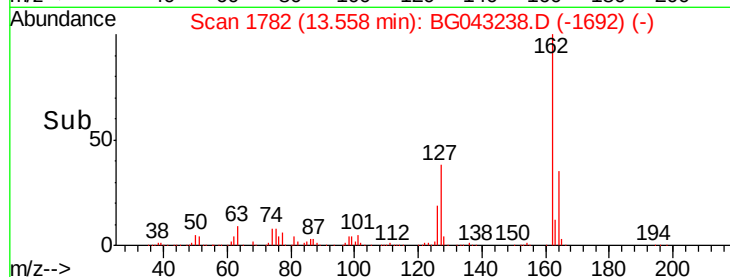
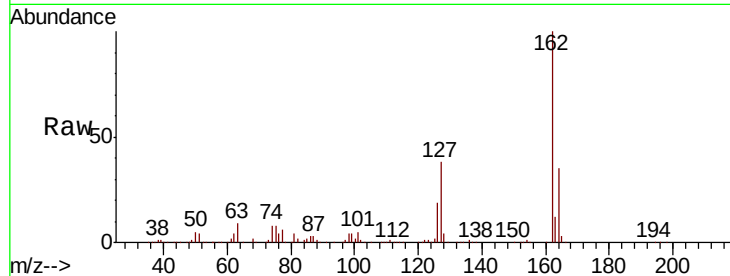
#47
 2-Chloronaphthalene
 Concen: 45.923 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.0	46.6
164	34.7	26.2	39.2

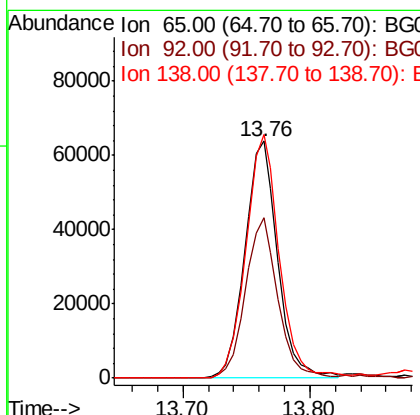
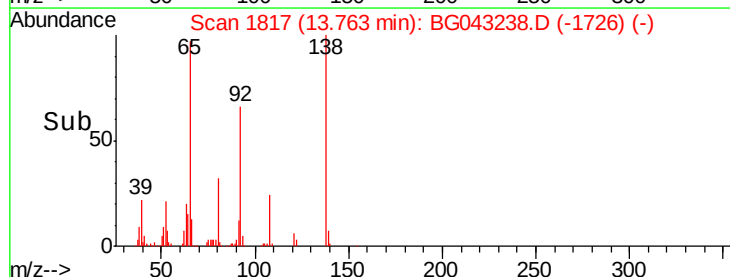
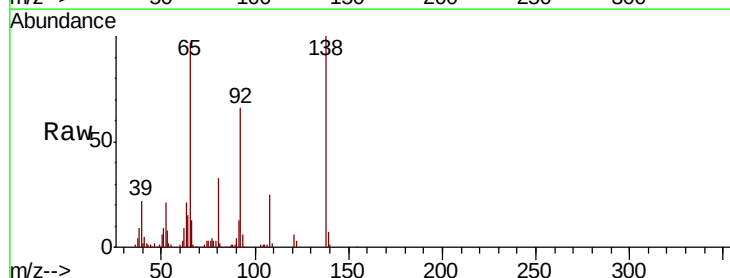
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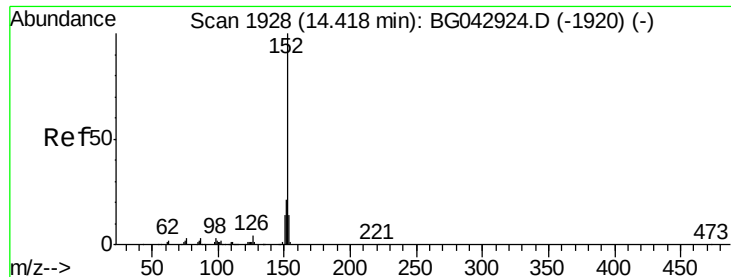
mohammad
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#48
 2-Nitroaniline
 Concen: 41.517 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	52.0	78.0
138	102.8	70.4	105.6





#49

Acenaphthylene

Concen: 47.977 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

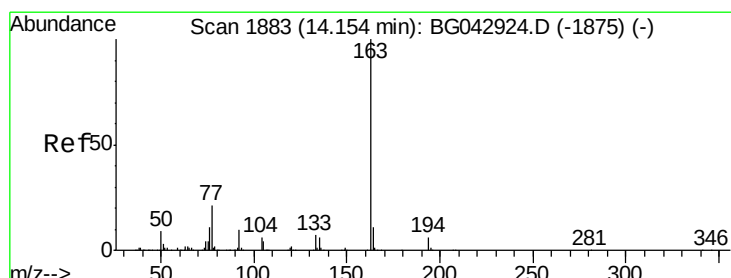
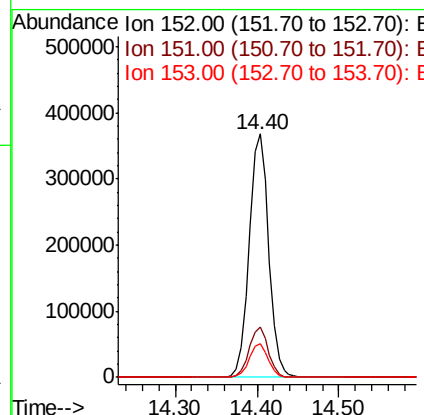
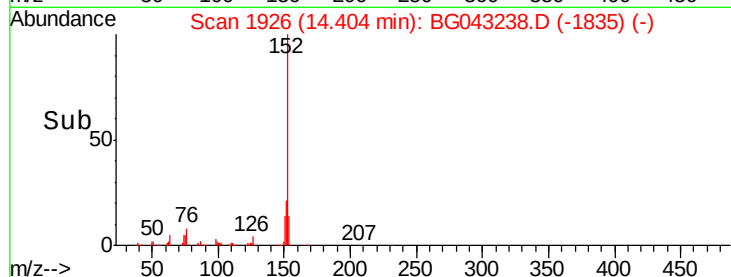
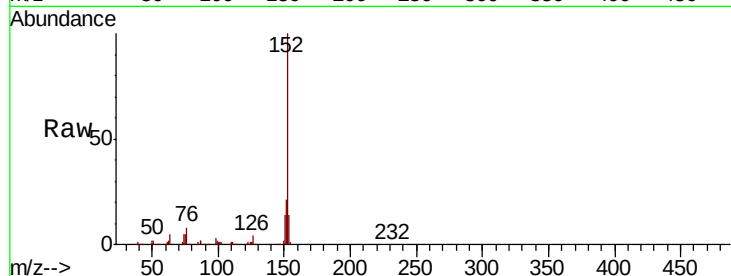
ClientSampleId :

OR-03-101119MSD

Tot Ion:	152	Resp:	609102
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.8	25.2
153	13.6	11.3	16.9

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#50

Dimethylphthalate

Concen: 44.090 ng

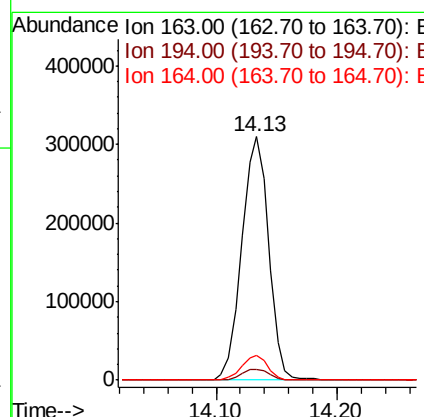
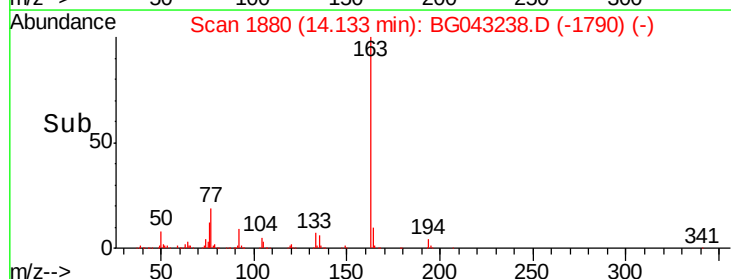
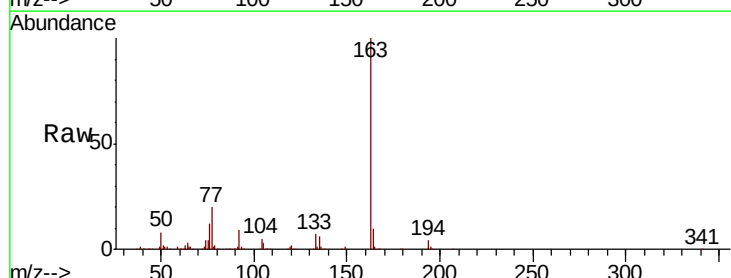
RT: 14.13 min Scan# 1880

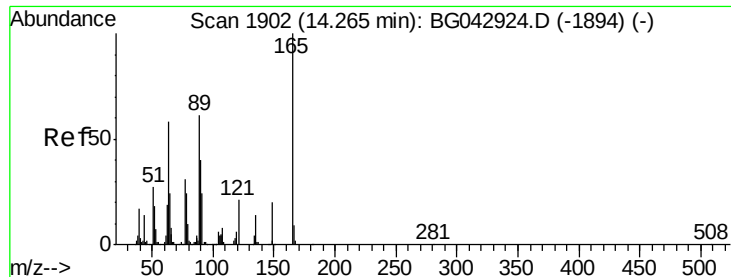
Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tgt Ion:	163	Resp:	482075
Ion Ratio	Lower	Upper	
163	100		
194	4.4	4.4	6.6
164	10.3	8.6	12.8





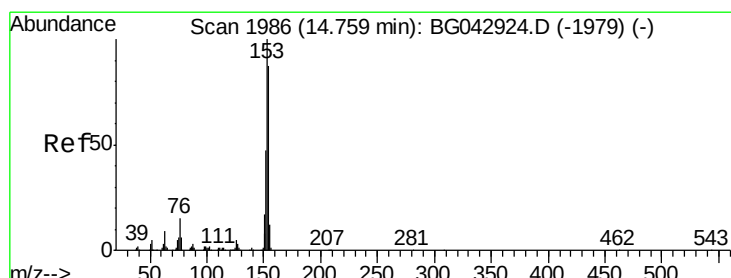
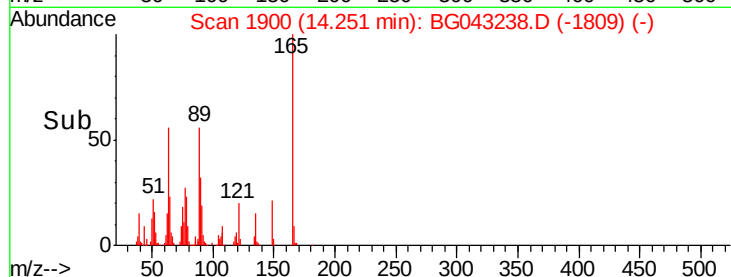
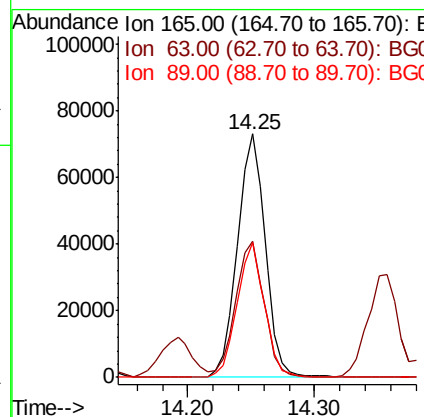
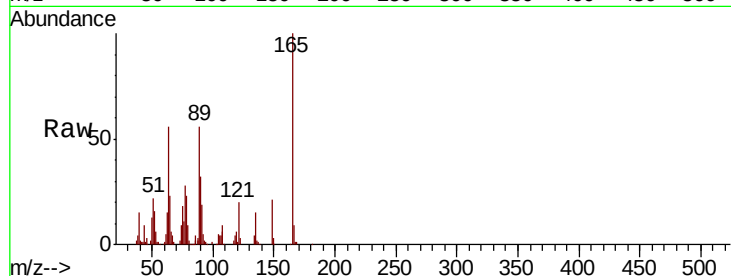
#51
2,6-Dinitrotoluene
Concen: 47.436 ng
RT: 14.25 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.0	50.3	75.5
89	55.6	48.9	73.3

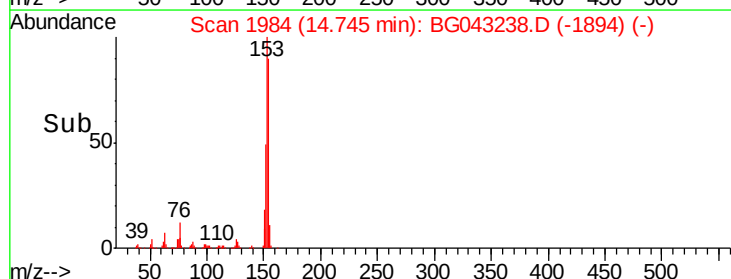
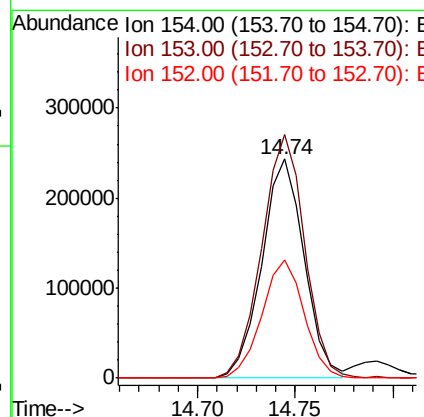
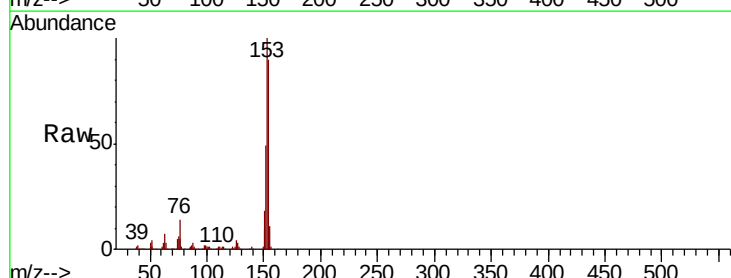
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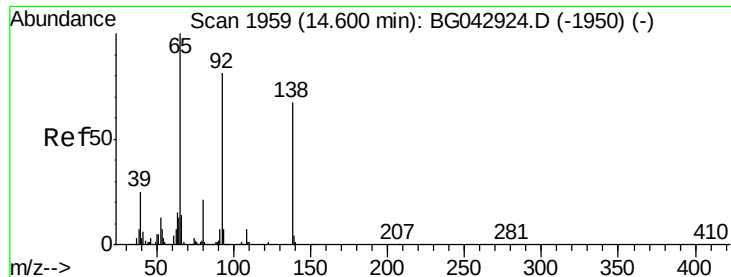
mohammad
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#52
Acenaphthene
Concen: 42.926 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	91.4	137.0
152	54.1	42.8	64.2





#53

3-Nitroaniline

Concen: 29.386 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

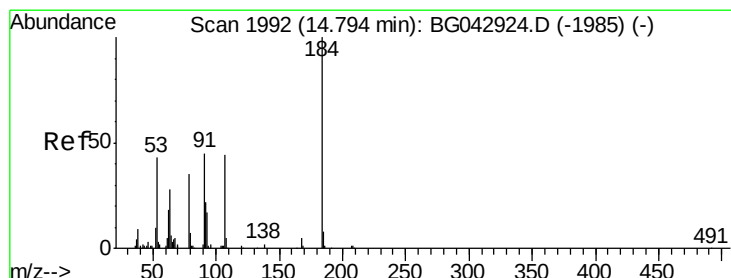
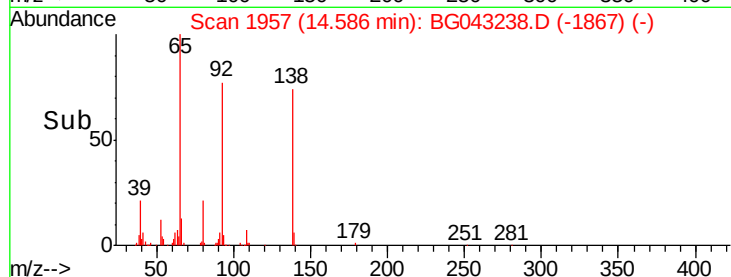
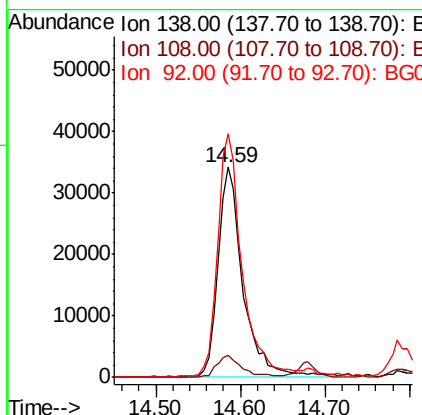
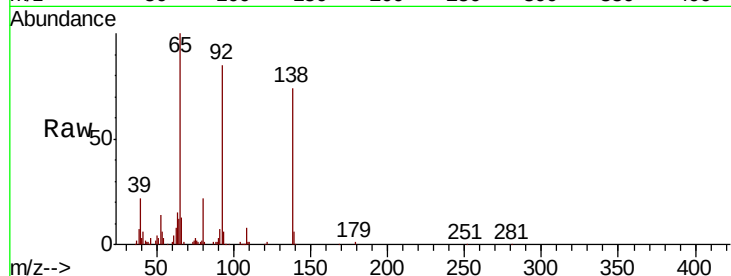
ClientSampleId :

OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.9	11.9
92	115.9	97.0	145.6

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#54

2,4-Dinitrophenol

Concen: 34.709 ng

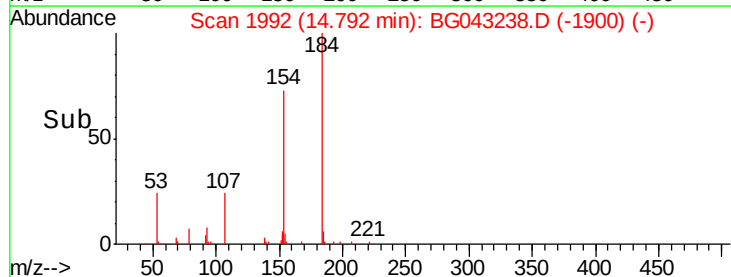
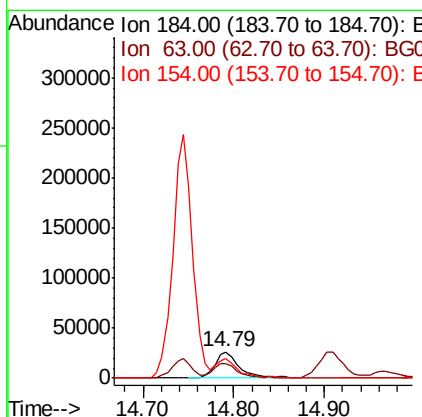
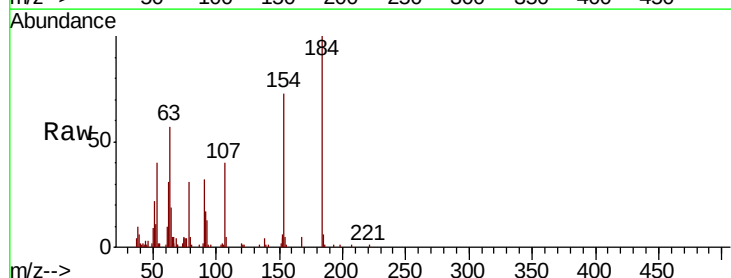
RT: 14.79 min Scan# 1992

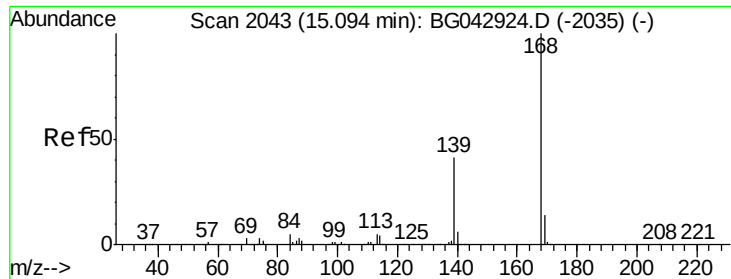
Delta R.T. 0.01 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.1	55.0	82.6
154	72.5	56.5	84.7





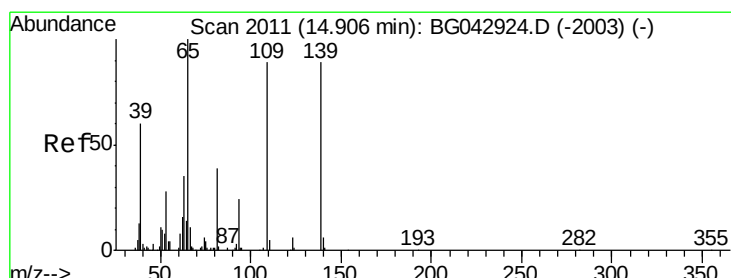
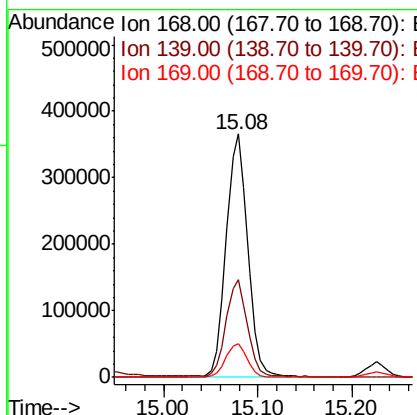
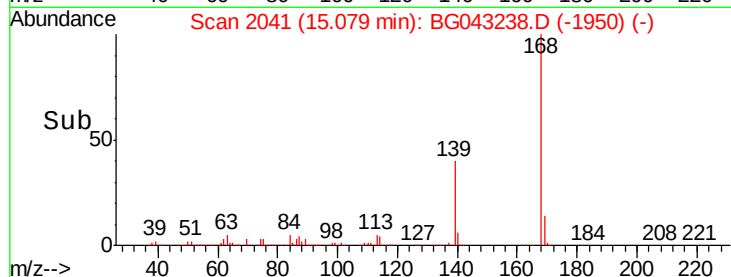
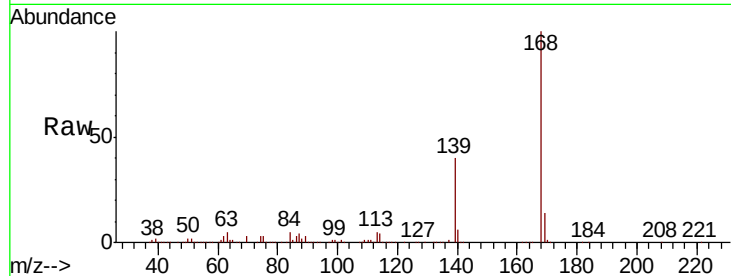
#55
Dibenzofuran
Concen: 46.542 ng
RT: 15.08 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	585063		
139	39.9		32.6	48.8
169	13.9		11.2	16.8

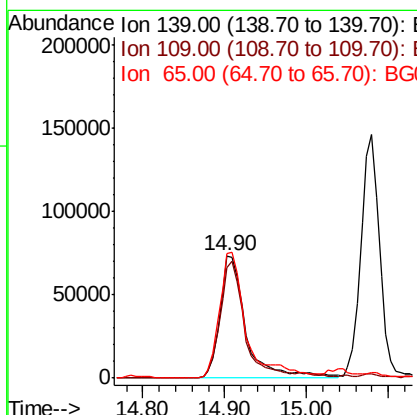
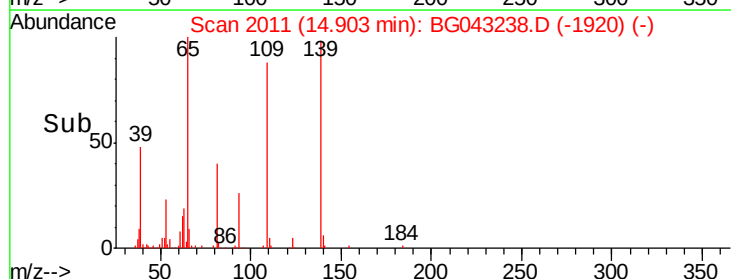
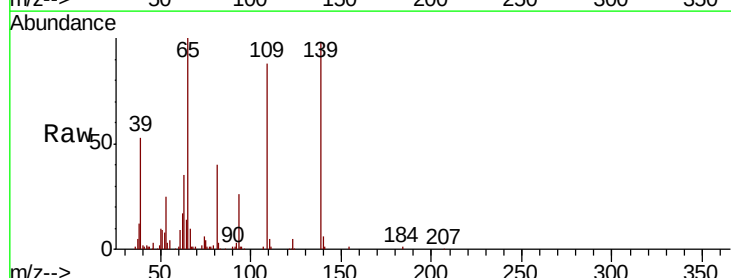
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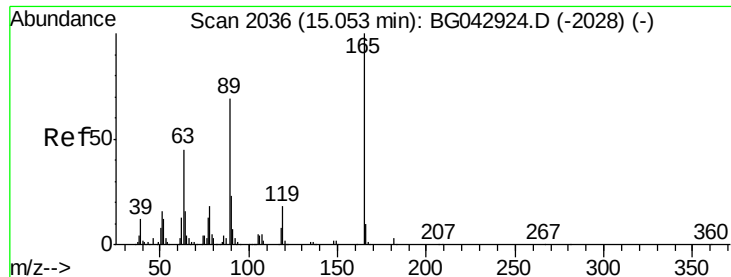
mohammad
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#56
4-Nitrophenol
Concen: 89.146 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	163448		
109	90.2		79.4	119.4
65	102.4		92.5	132.5





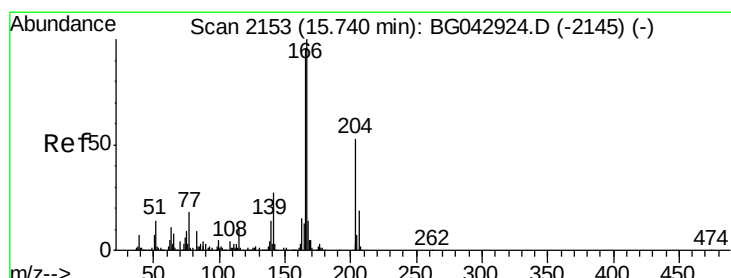
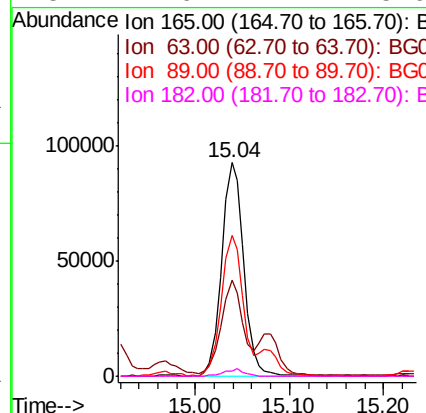
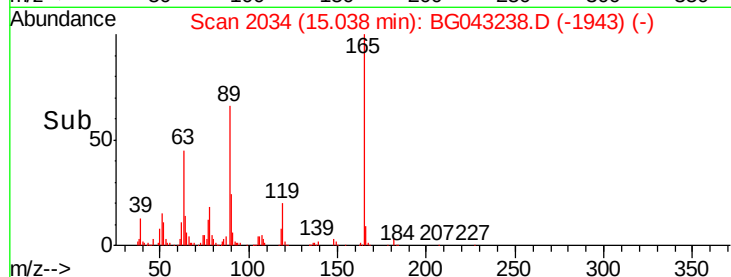
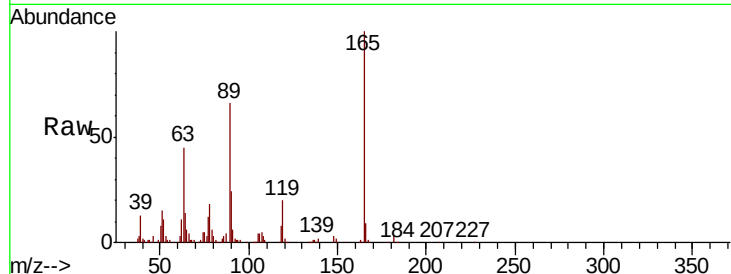
#57
 2,4-Dinitrotoluene
 Concen: 44.933 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101119MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	153211		
63	44.9	36.5	54.7	
89	66.2	55.5	83.3	
182	2.6	2.4	3.6	

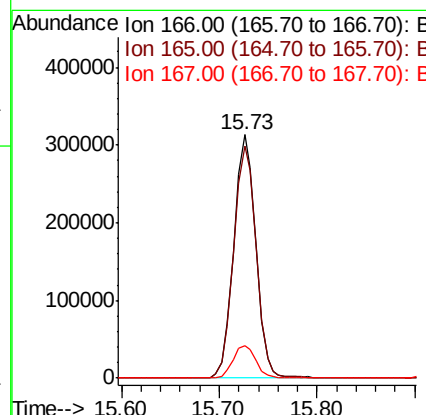
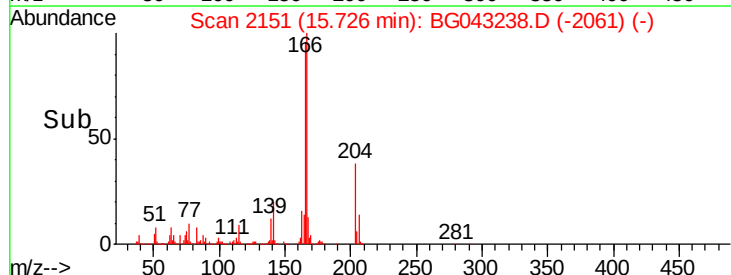
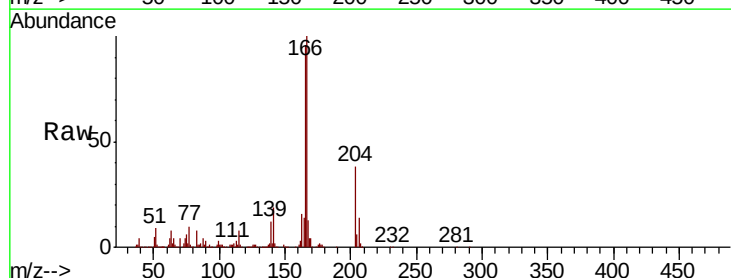
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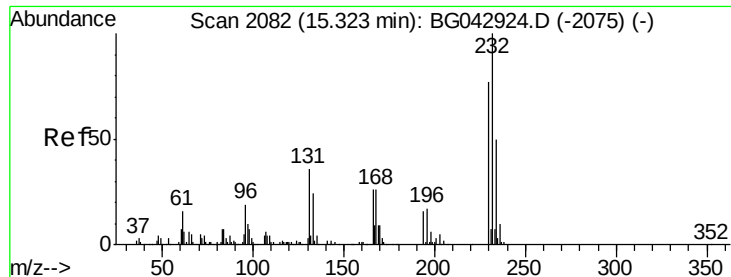
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#58
 Fluorene
 Concen: 45.660 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	490044		
165	95.6	77.1	115.7	
167	13.2	11.0	16.6	





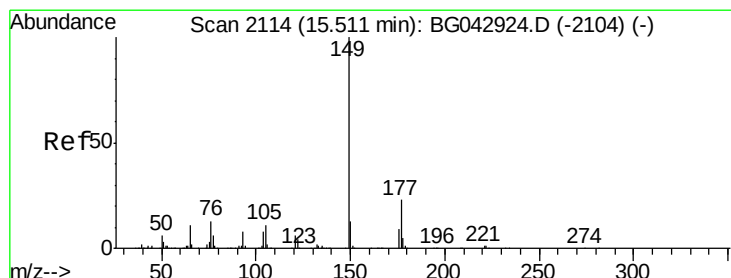
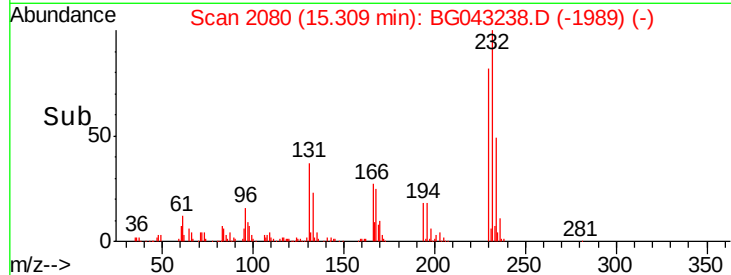
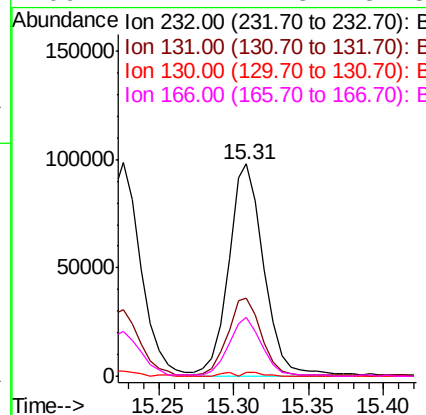
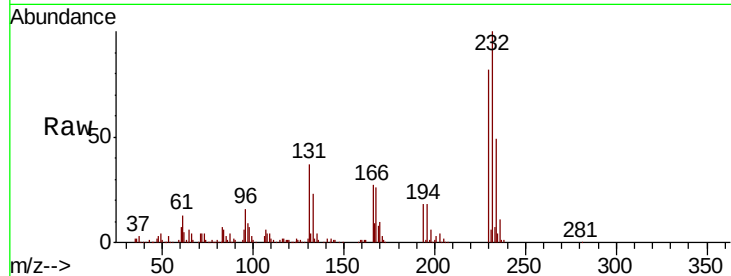
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.036 ng/ml
 RT: 15.31 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101119MSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	31.1	29.6	44.4
130	2.3	1.9	2.9
166	21.2	21.8	32.8#

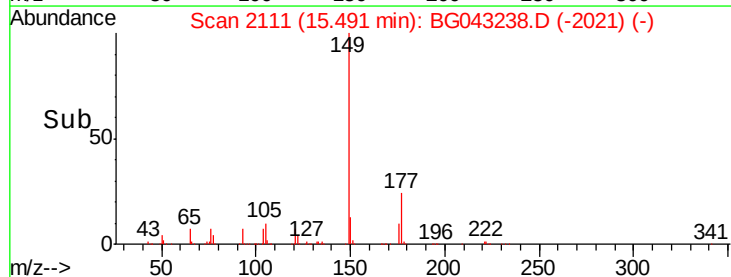
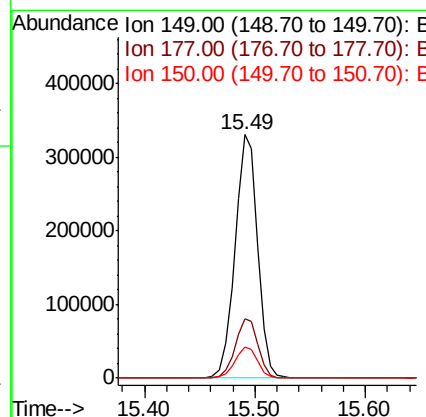
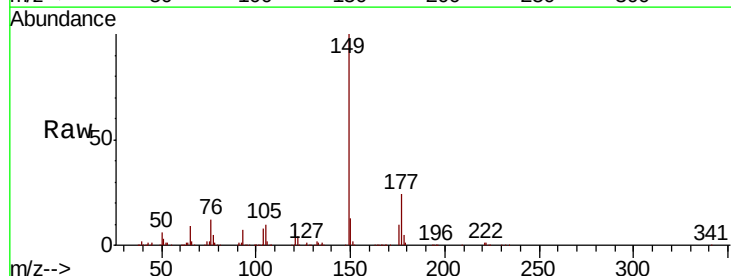
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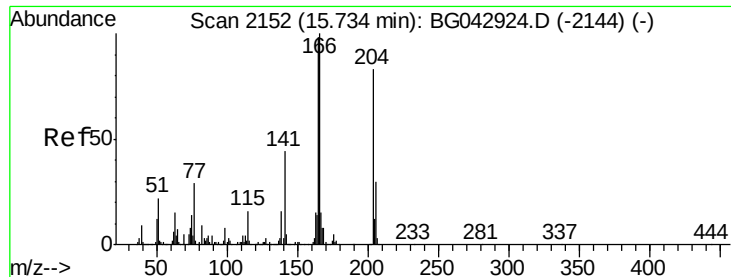
mohammad
 10/17/2019 7:57:40 AM



#60
 Diethylphthalate
 Concen: 42.505 ng/ml
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	24.2	18.8	28.2
150	12.9	10.6	15.8





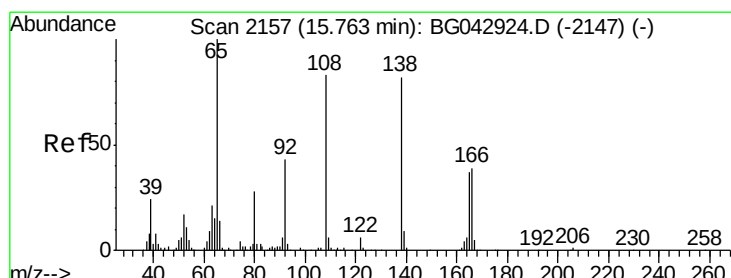
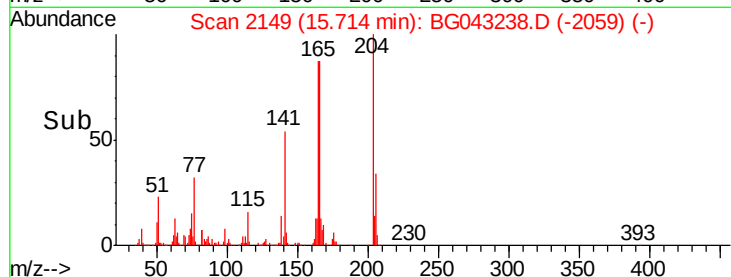
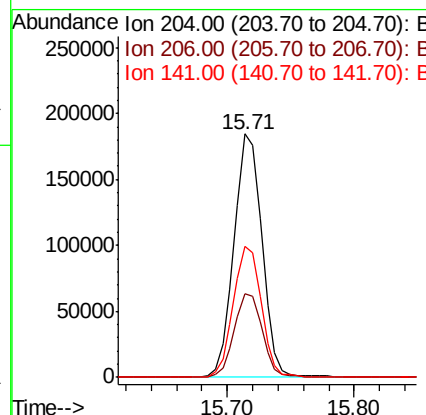
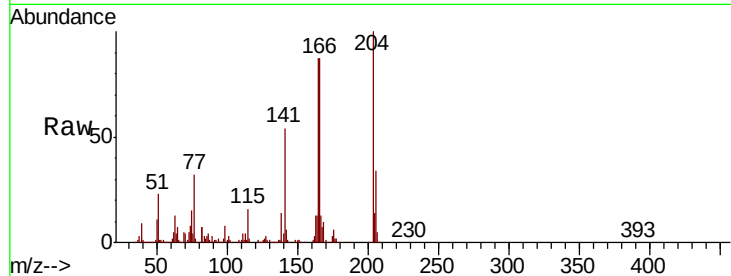
#61
 4-Chlorophenyl-phenylether
 Concen: 43.732 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	28.5	42.7
141	53.7	42.4	63.6

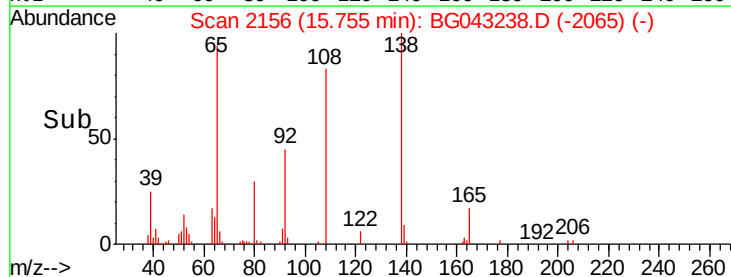
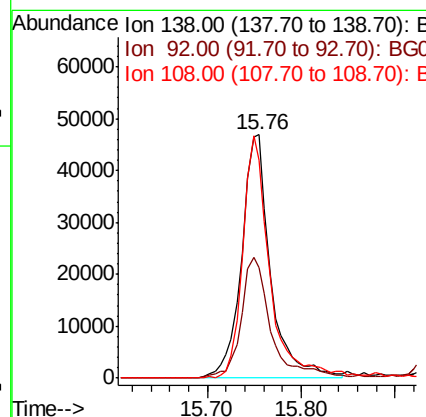
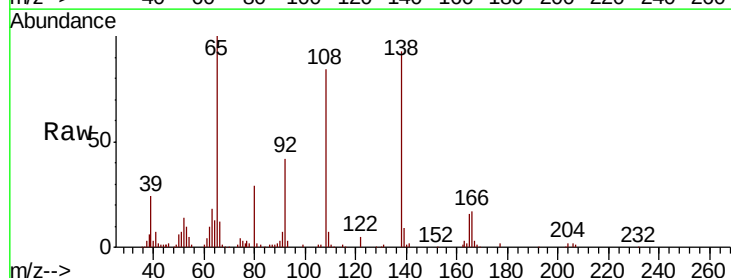
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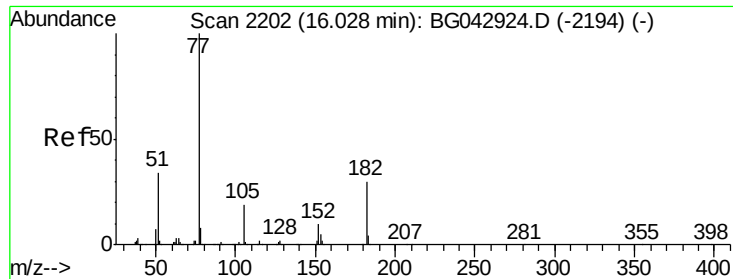
mohammad
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#62
 4-Nitroaniline
 Concen: 38.230 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.5	32.9	72.9
108	89.6	81.3	121.3





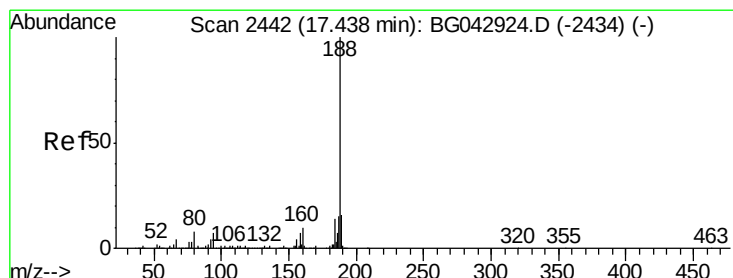
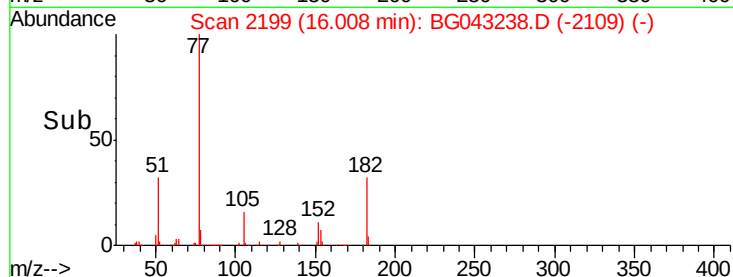
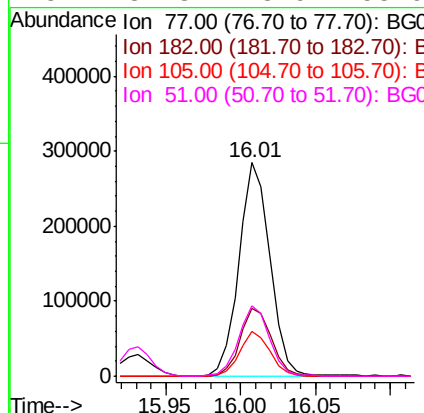
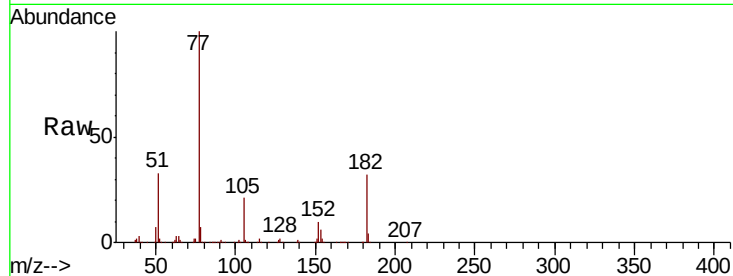
#63
Azobenzene
Concen: 40.377 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		409049		
182	31.5	10.2	50.2		
105	20.8	0.0	39.1		
51	32.8	13.9	53.9		

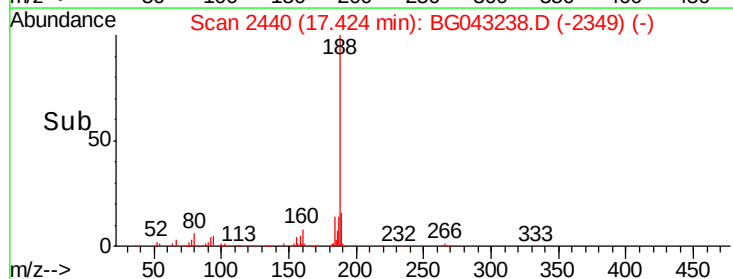
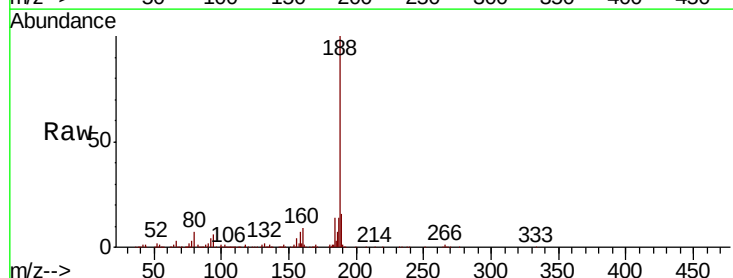
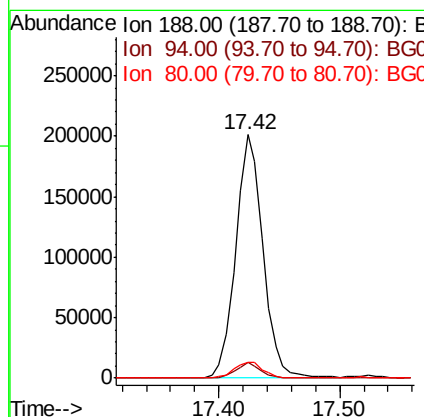
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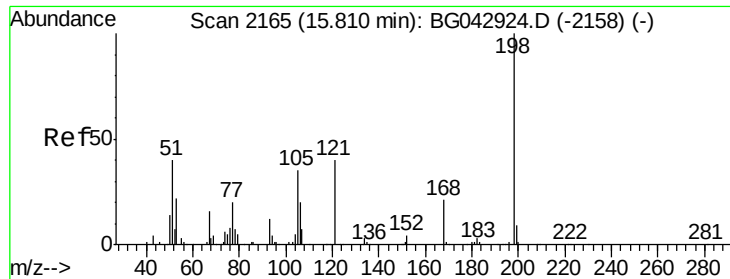
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		317266		
94	6.3	5.7	8.5		
80	6.5	6.5	9.7		





#65

4,6-Dinitro-2-methylphenol

Concen: 23.305 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.01 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

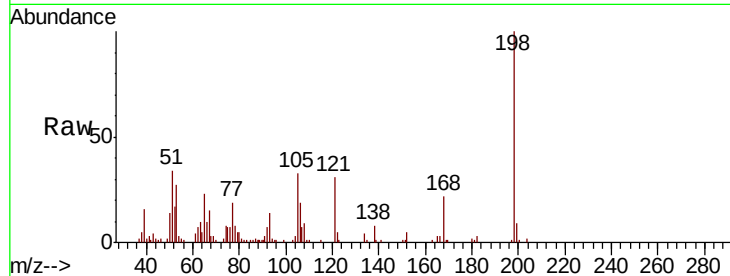
ClientSampleId :

OR-03-101119MSD

Tot Ion:	198	Resp:	41840
Ion Ratio	Lower	Upper	
198	100		
51	34.2	25.3	65.3
105	32.8	16.6	56.6

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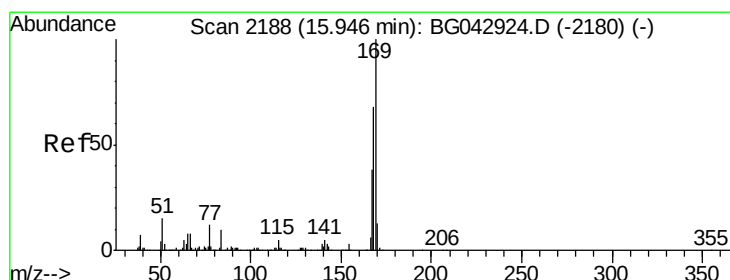
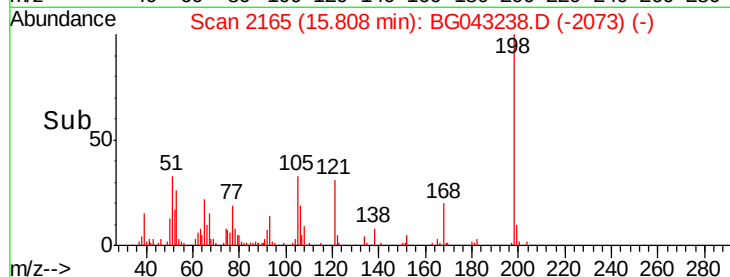
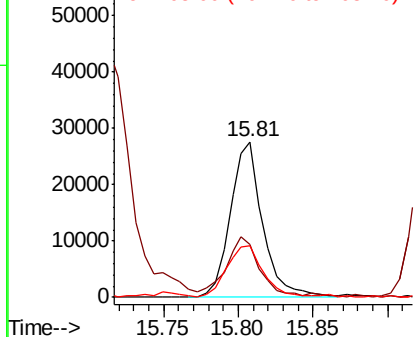


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.141 ng

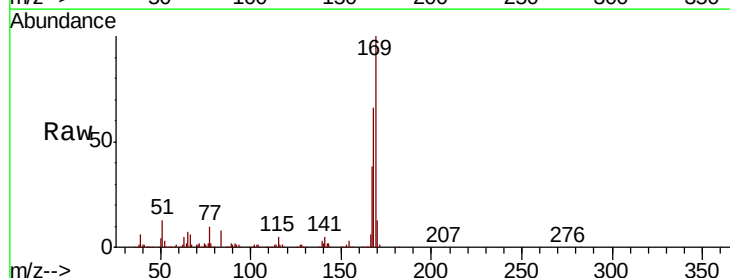
RT: 15.93 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tgt Ion:	169	Resp:	428328
Ion Ratio	Lower	Upper	
169	100		
168	66.2	54.8	82.2
167	37.8	30.6	46.0

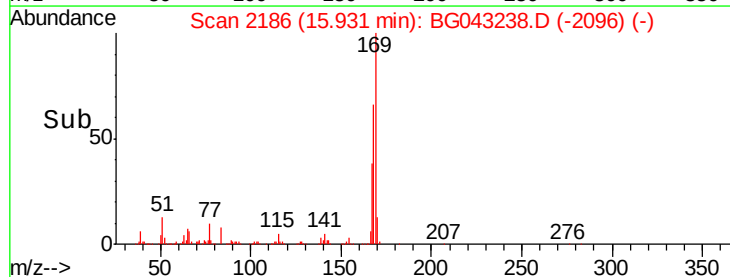
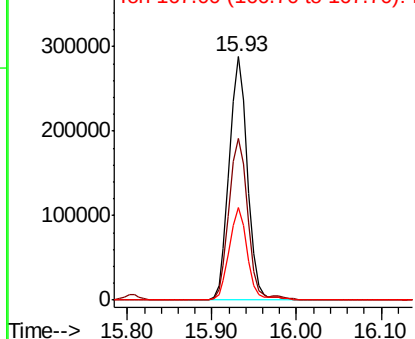


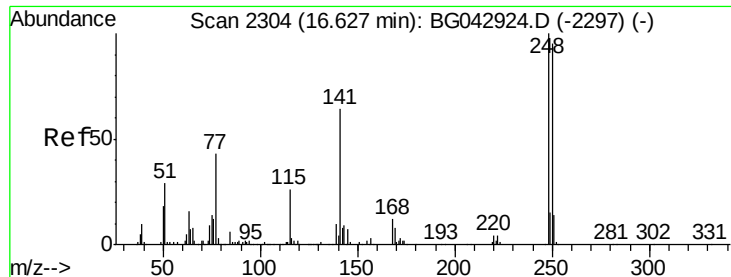
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





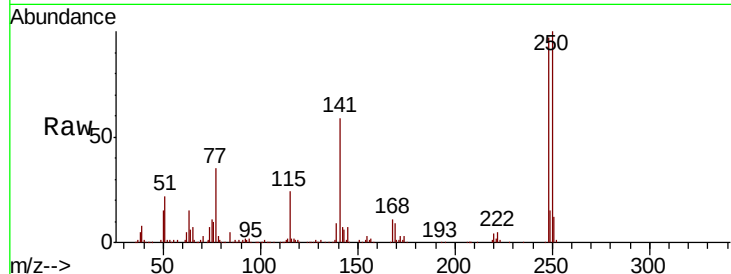
#67
4-Bromophenyl-phenylether
Concen: 48.794 ng
RT: 16.61 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	103.6	75.8	113.8
141	60.6	51.1	76.7

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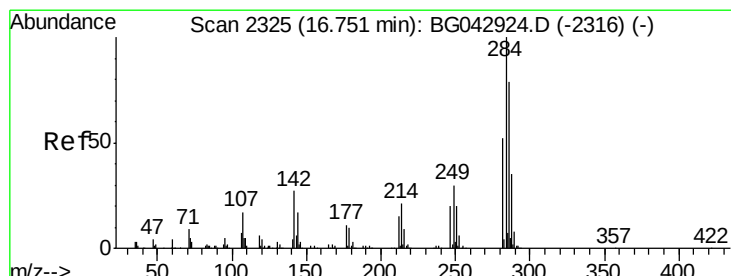
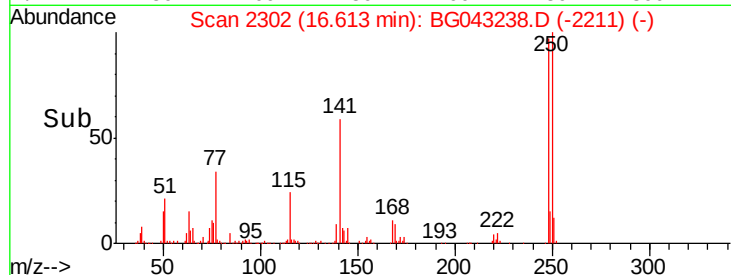
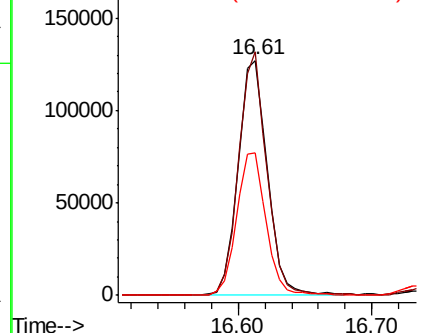


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 48.849 ng
RT: 16.74 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

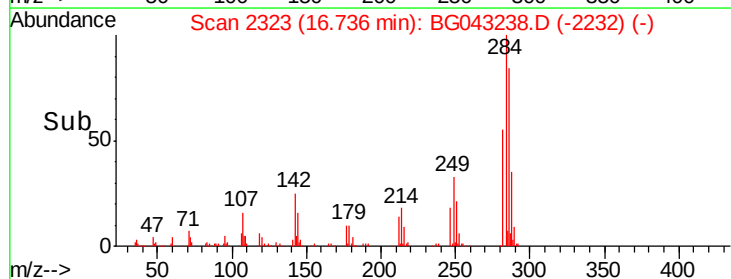
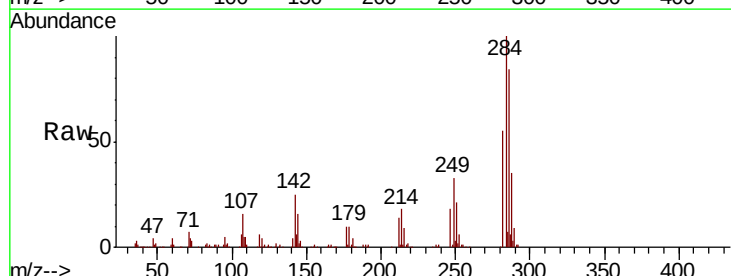
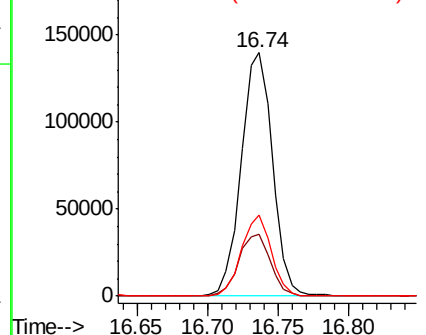
Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	21.6	32.4
249	33.1	24.1	36.1

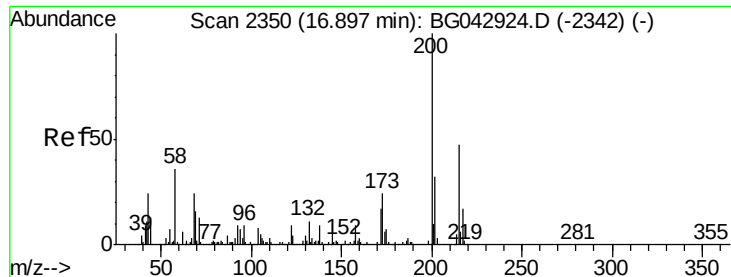
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





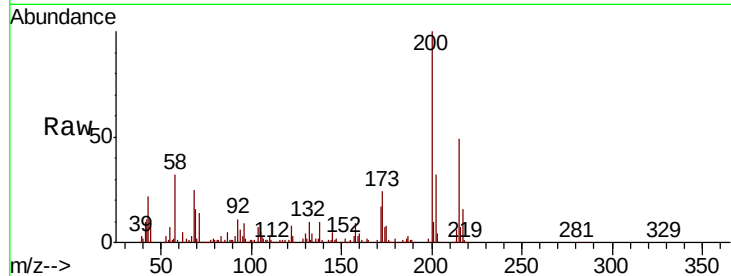
#69
Atrazine
Concen: 43.055 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

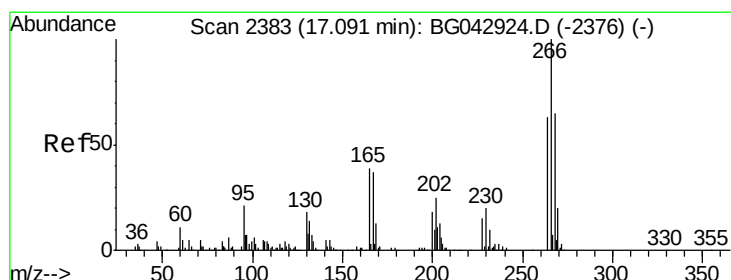
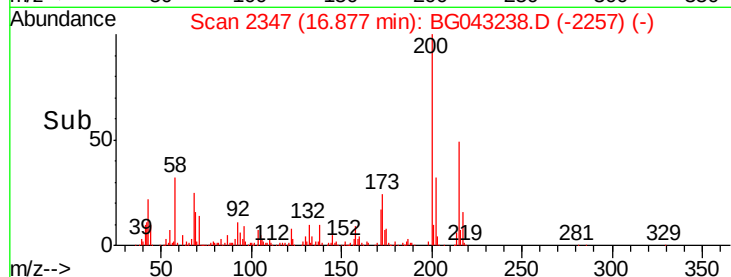
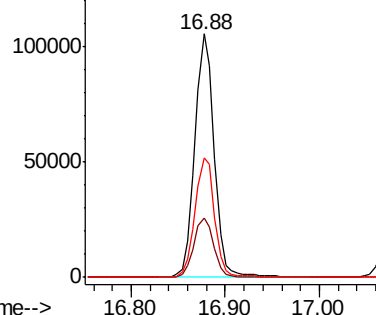
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.0	44.0
215	49.0	27.4	67.4

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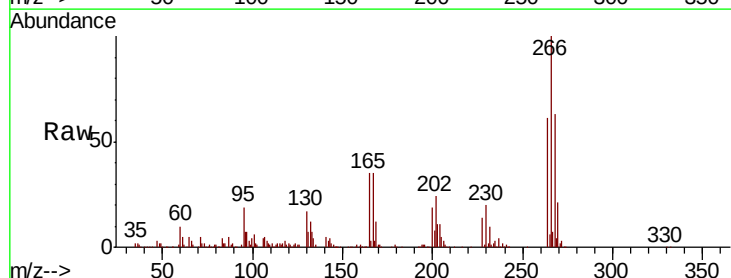


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

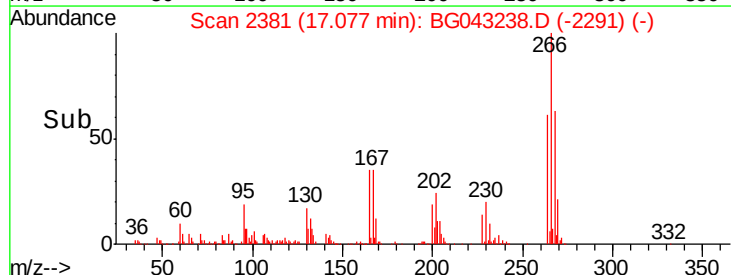
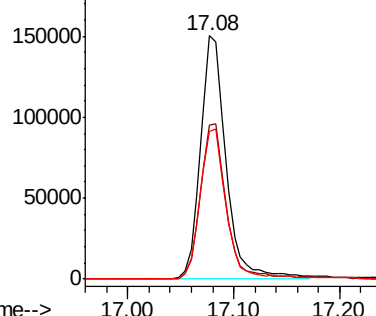


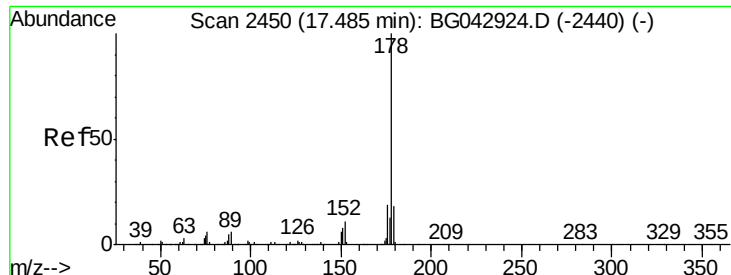
#70
Pentachlorophenol
Concen: 97.824 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	52.2	78.2
264	60.5	50.7	76.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





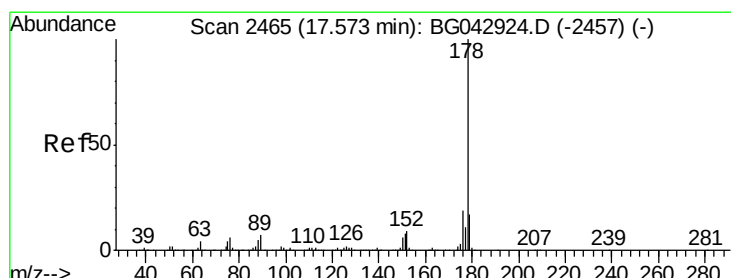
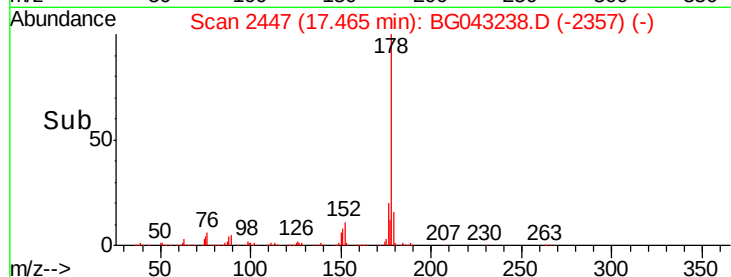
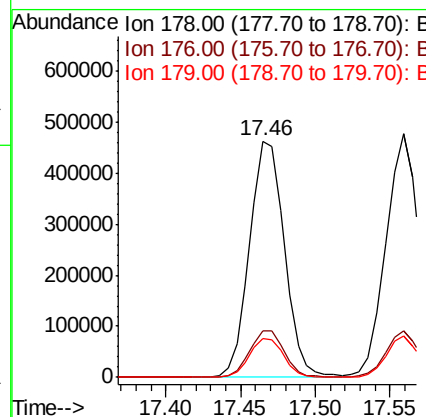
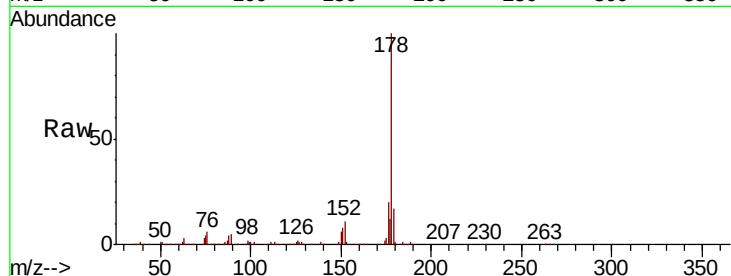
#71
Phenanthrene
Concen: 48.293 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	16.6	14.1	21.1

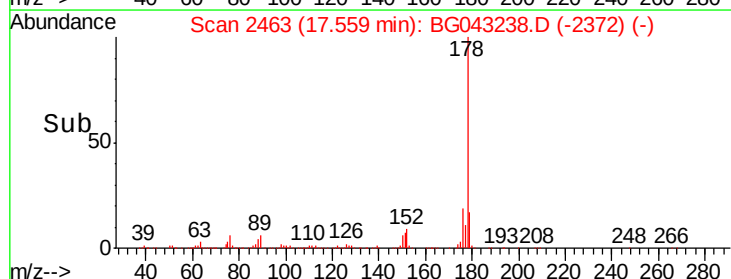
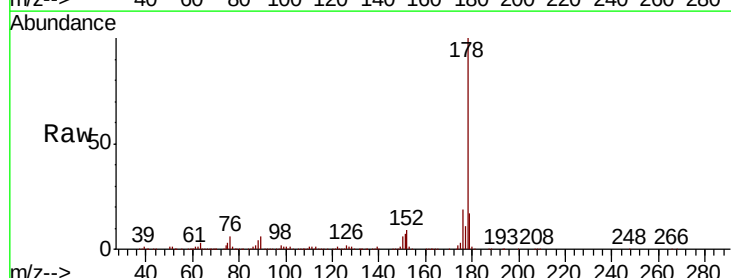
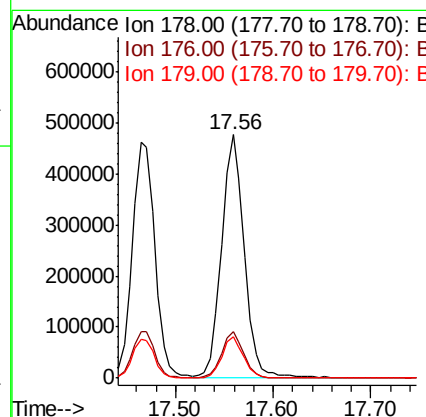
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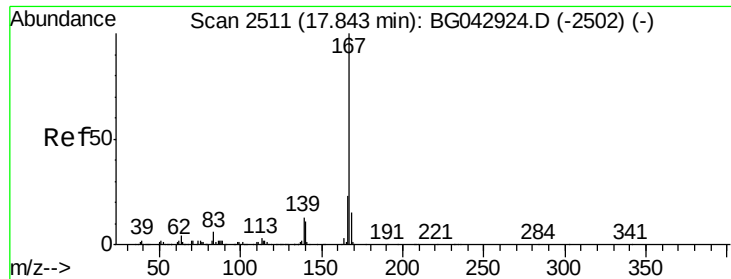
mohammad
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#72
Anthracene
Concen: 49.291 ng
RT: 17.56 min Scan# 2463
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	17.2	13.5	20.3





#73

Carbazole

Concen: 48.206 ng

RT: 17.83 min Scan# 2509

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

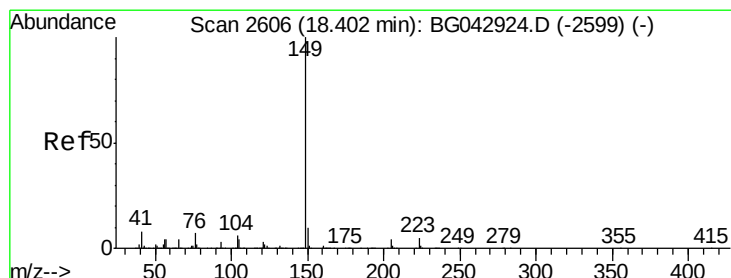
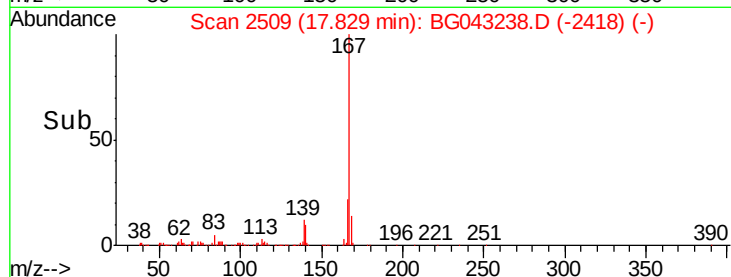
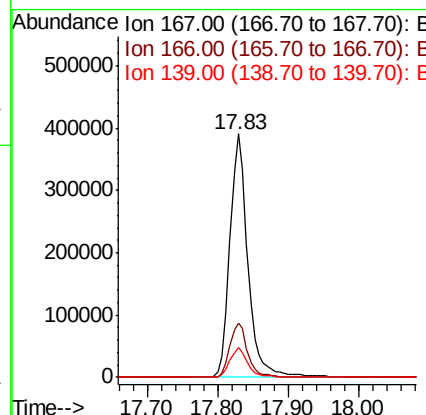
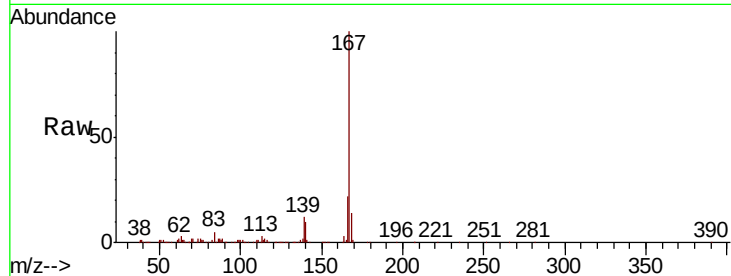
ClientSampleId :

OR-03-101119MSD

Tot Ion:	167	Resp:	691229
Ion Ratio		Lower	Upper
167	100		
166	22.4	18.6	28.0
139	12.1	10.8	16.2

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#74

Di-n-butylphthalate

Concen: 46.268 ng

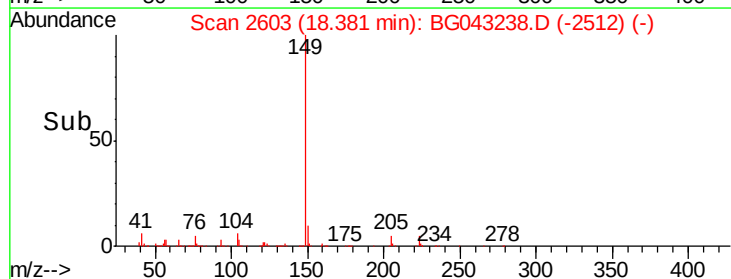
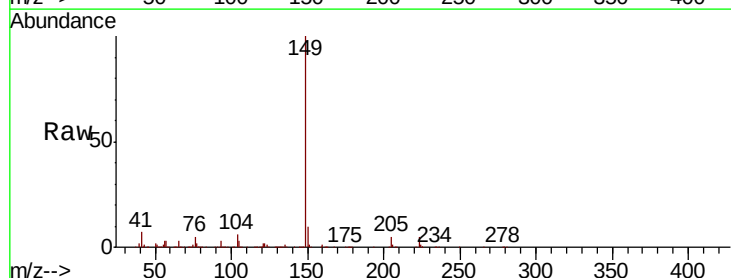
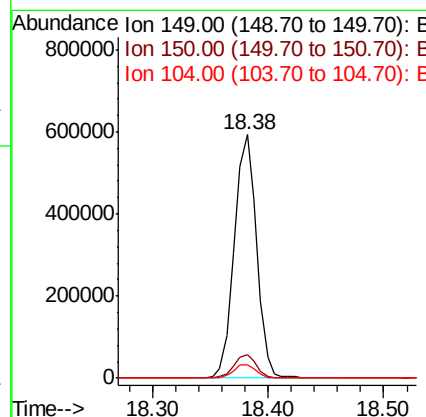
RT: 18.38 min Scan# 2603

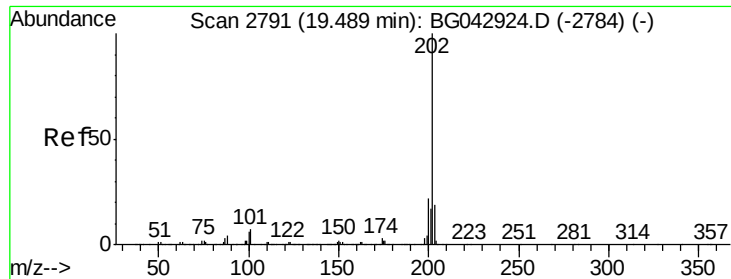
Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tgt Ion:	149	Resp:	791570
Ion Ratio		Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.6	5.0	7.6





#75

Fluoranthene

Concen: 45.836 ng

RT: 19.47 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

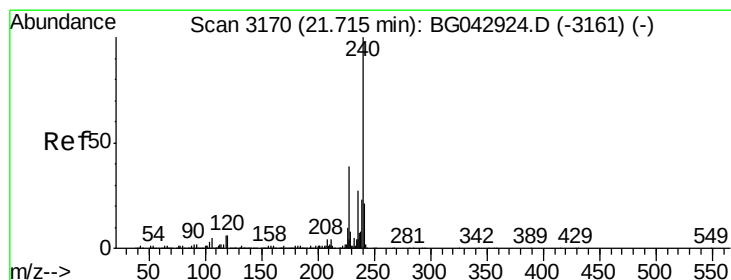
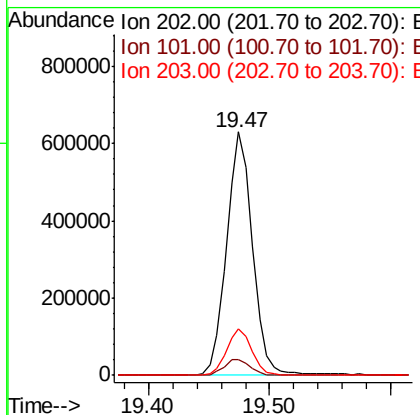
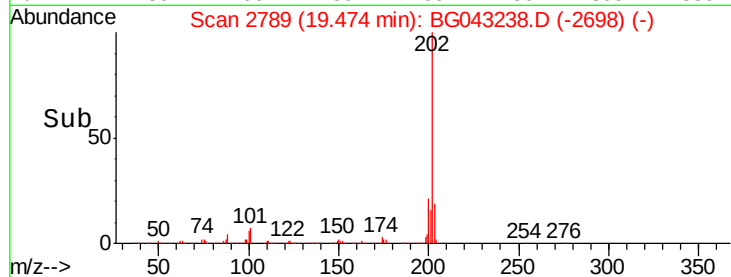
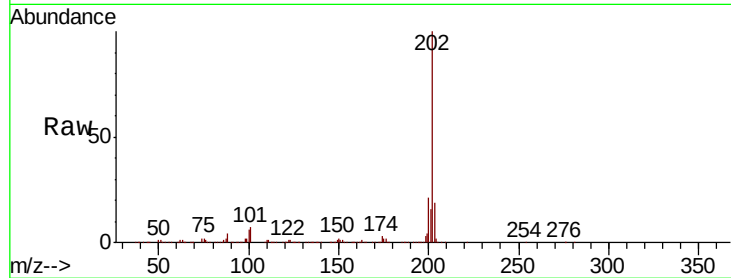
ClientSampleId :

OR-03-101119MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.6	0.0	27.3
203	19.0	0.0	39.5

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#76

Chrysene-d12

Concen: 20.000 ng

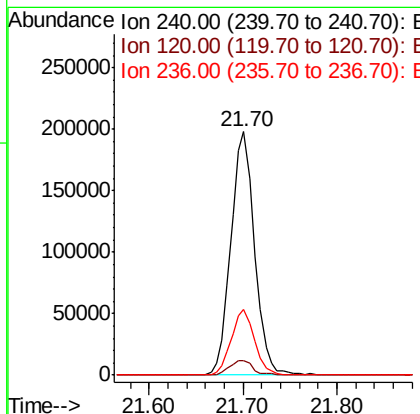
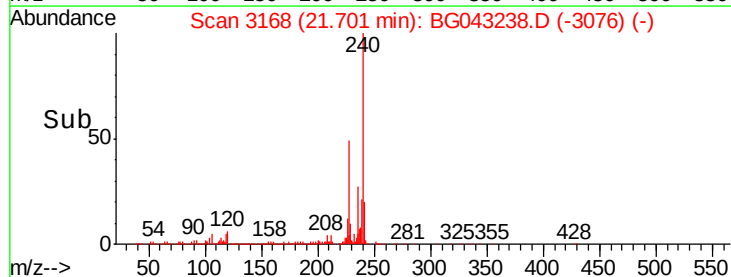
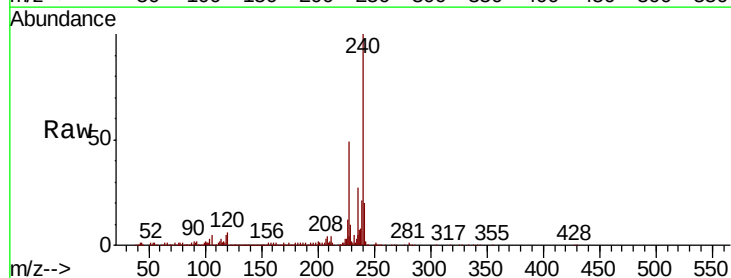
RT: 21.70 min Scan# 3168

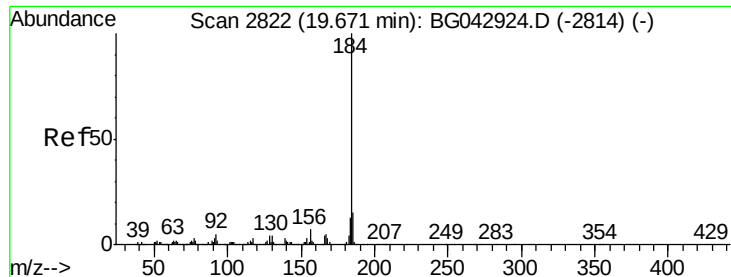
Delta R.T. 0.01 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.0	4.8	7.2
236	27.1	21.4	32.0





#77

Benzidine

Concen: 15.987 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

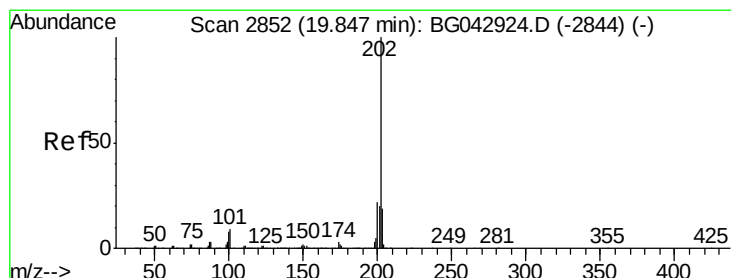
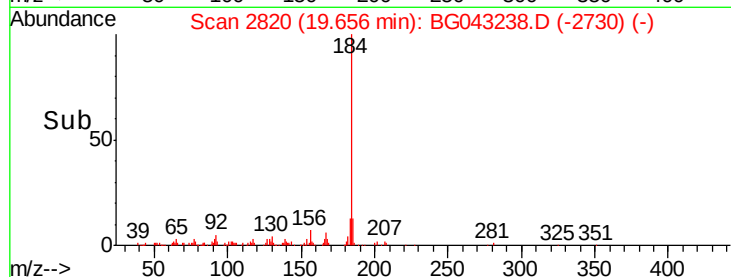
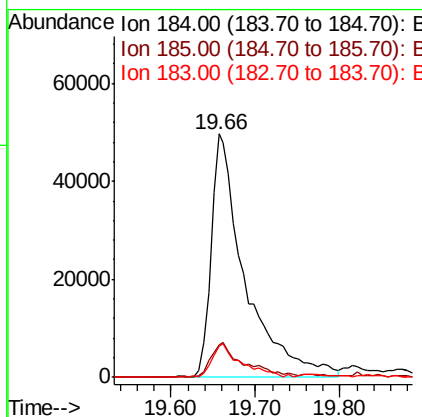
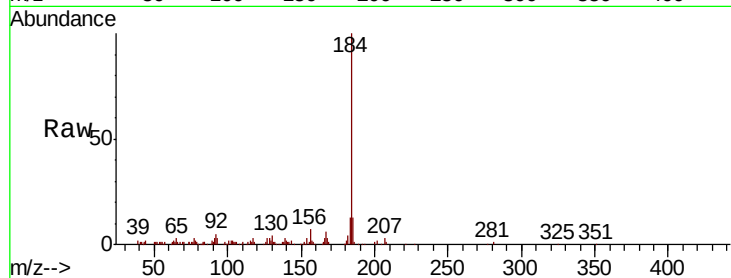
ClientSampleId :

OR-03-101119MSD

Tot Ion:	184	Resp:	138689
Ion Ratio	Lower	Upper	
184	100		
185	13.3	11.8	17.8
183	12.9	10.1	15.1

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#78

Pyrene

Concen: 46.658 ng

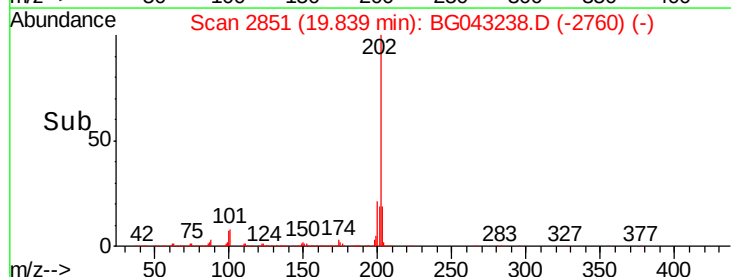
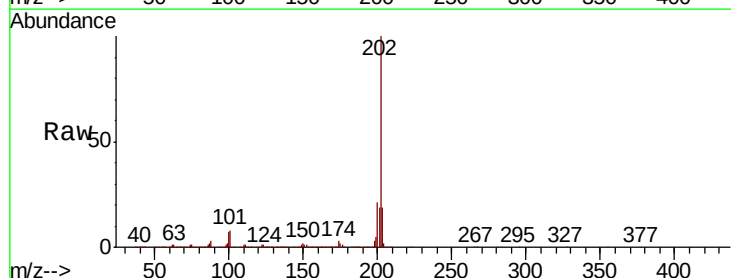
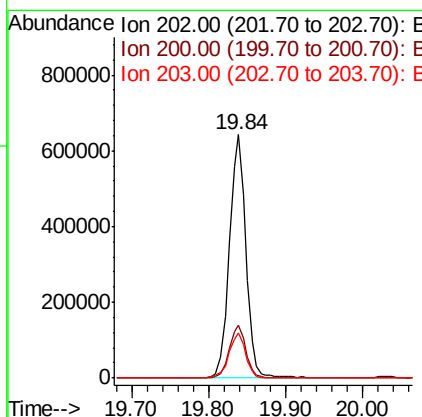
RT: 19.84 min Scan# 2851

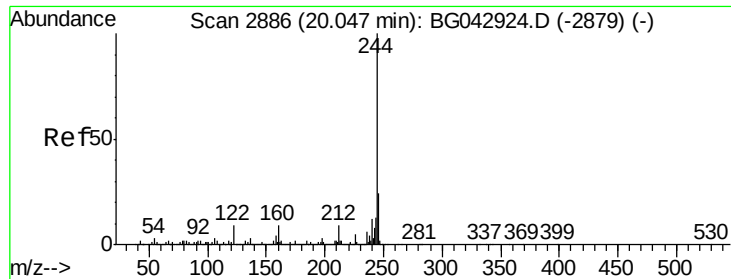
Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tgt Ion:	202	Resp:	964841
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.6	26.4
203	18.5	15.2	22.8





#79

Terphenyl-d14

Concen: 99.495 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampleId :

OR-03-101119MSD

Tot Ion:244 Resp: 1617705

Ion Ratio Lower Upper

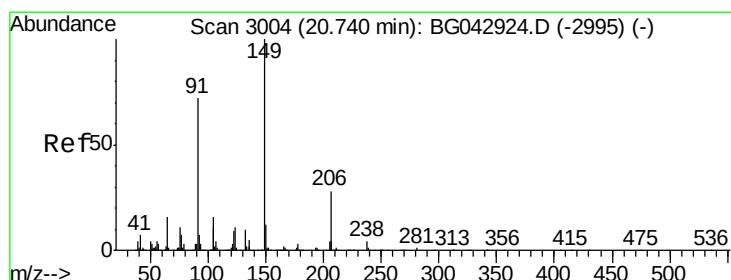
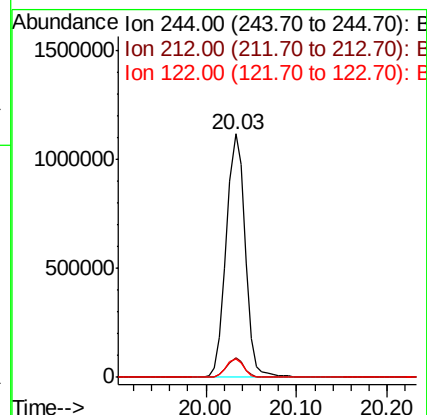
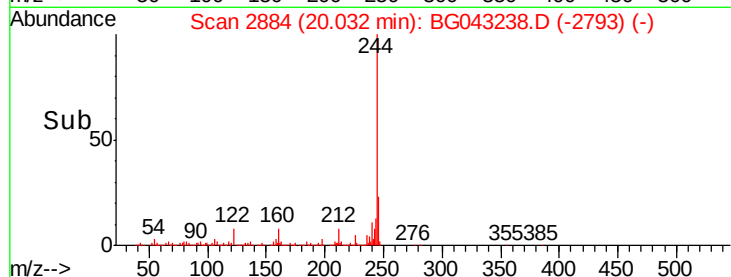
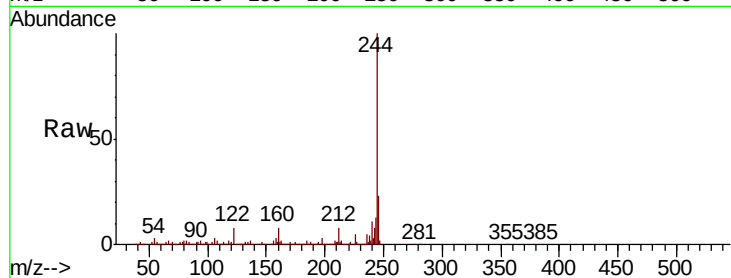
244 100

212 7.8 7.4 11.0

122 7.7 7.0 10.4

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#80

Butylbenzylphthalate

Concen: 47.303 ng

RT: 20.72 min Scan# 3001

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

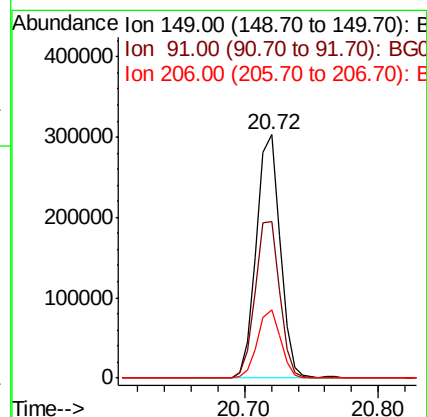
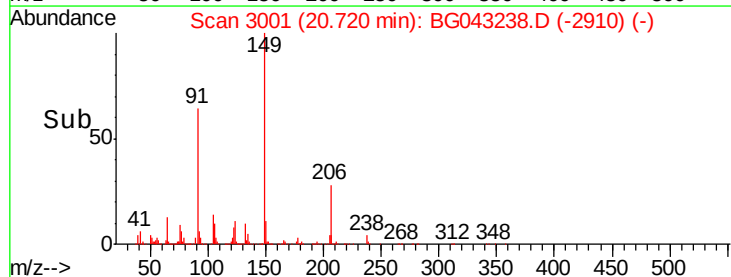
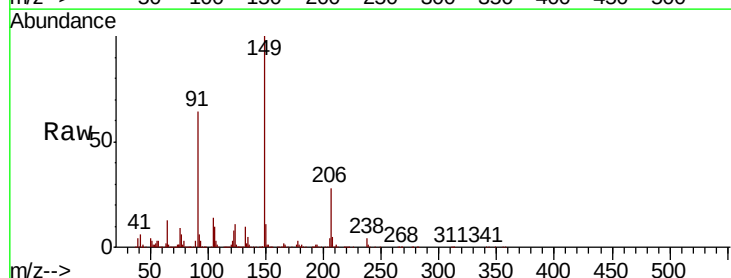
Tgt Ion:149 Resp: 371295

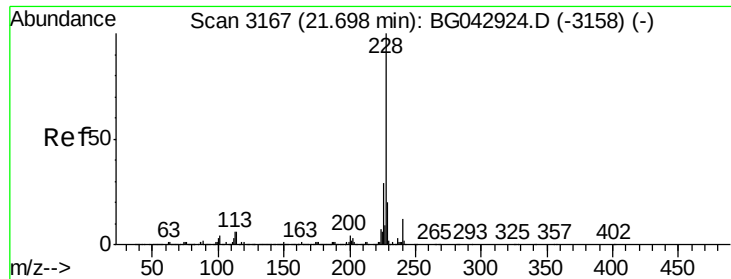
Ion Ratio Lower Upper

149 100

91 64.2 57.7 86.5

206 28.0 22.6 33.8





#81

Benzo(a)anthracene

Concen: 46.066 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

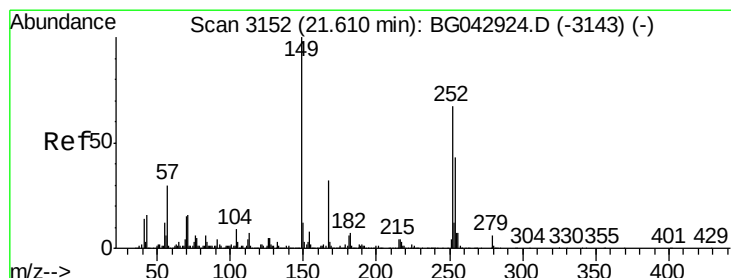
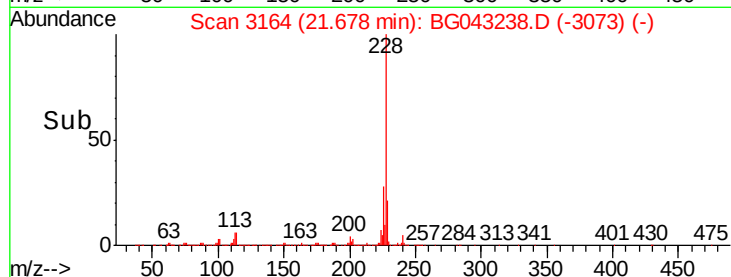
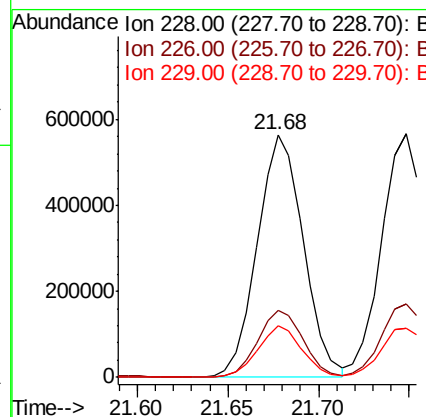
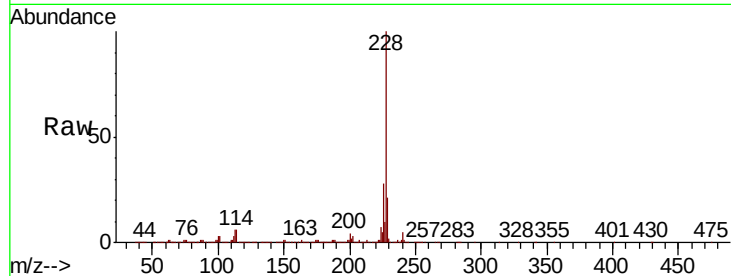
ClientSampleId :

OR-03-101119MSD

Tot Ion:	228	Resp:	994473
Ion Ratio	Lower	Upper	
228	100		
226	27.5	23.0	34.4
229	21.2	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 40.411 ng

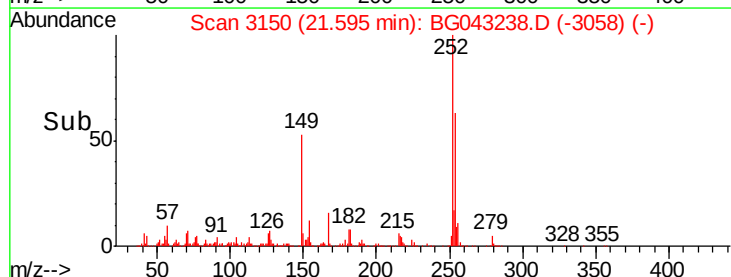
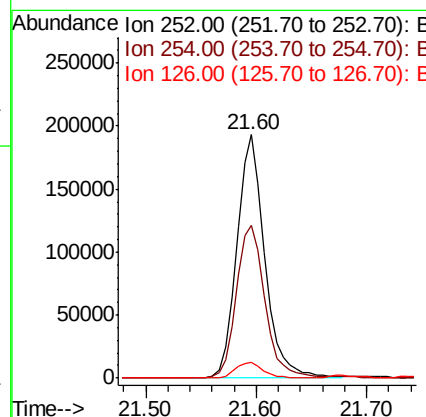
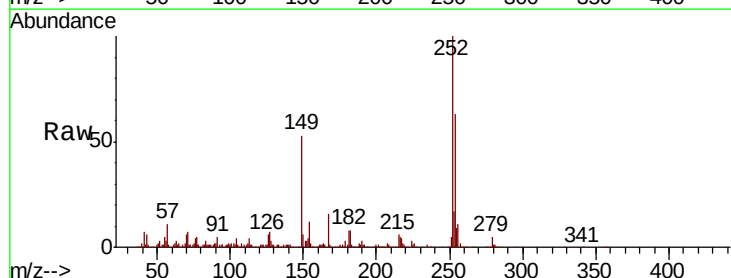
RT: 21.60 min Scan# 3150

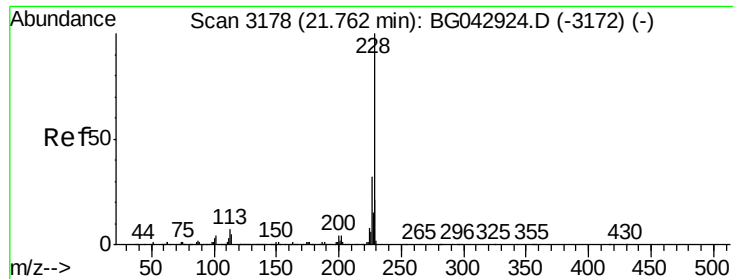
Delta R.T. 0.01 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tgt Ion:	252	Resp:	342158
Ion Ratio	Lower	Upper	
252	100		
254	62.6	51.9	77.9
126	6.5	6.1	9.1





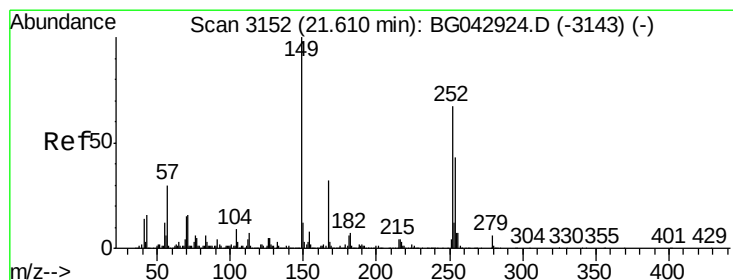
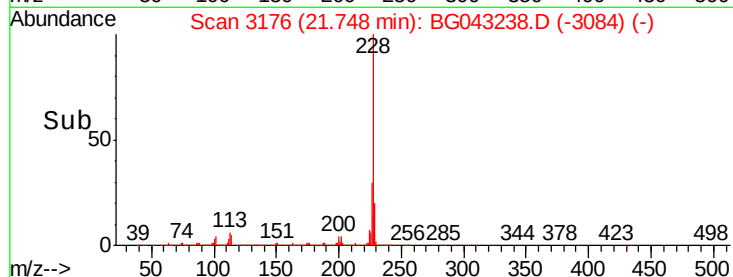
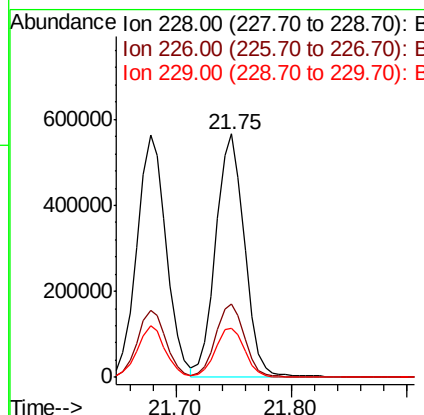
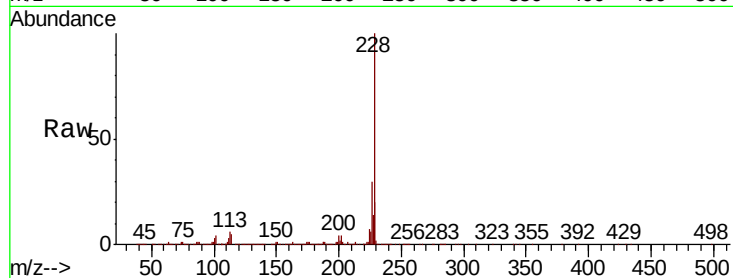
#83
 Chrysene
 Concen: 46.397 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. 0.01 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101119MSD

Tot Ion:	228	Resp:	971999
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.6	38.4
229	20.2	16.9	25.3

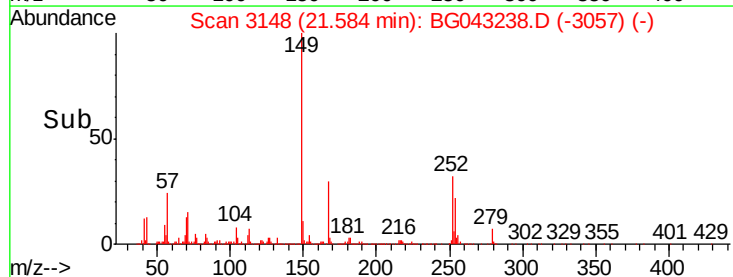
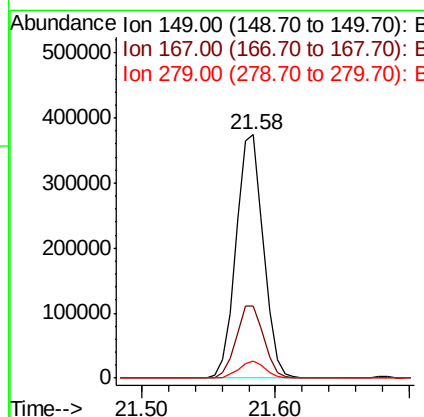
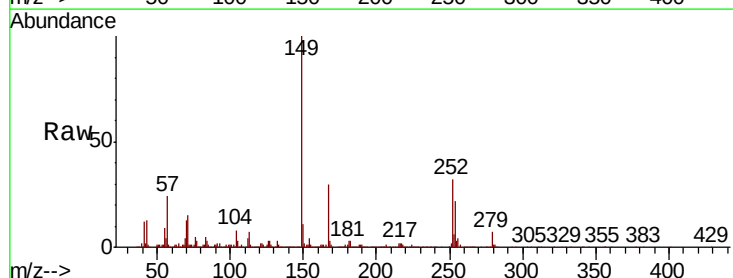
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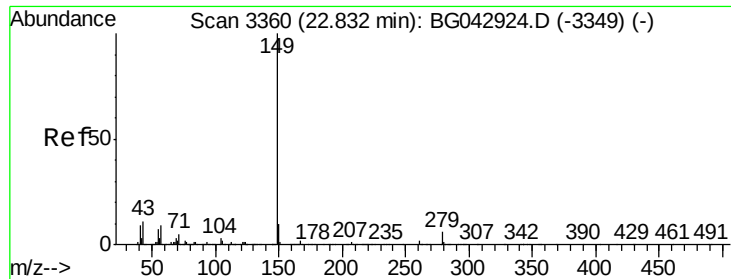
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.456 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Tgt Ion:	149	Resp:	530041
Ion Ratio	Lower	Upper	
149	100		
167	29.5	25.4	38.2
279	6.8	5.1	7.7





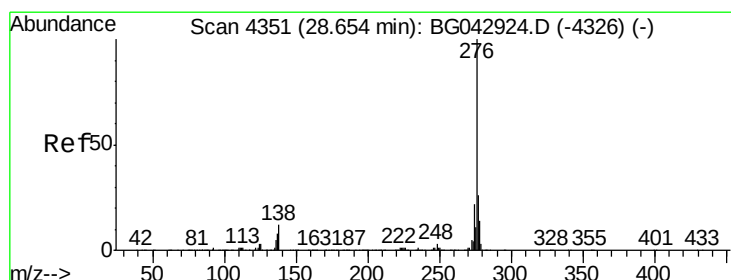
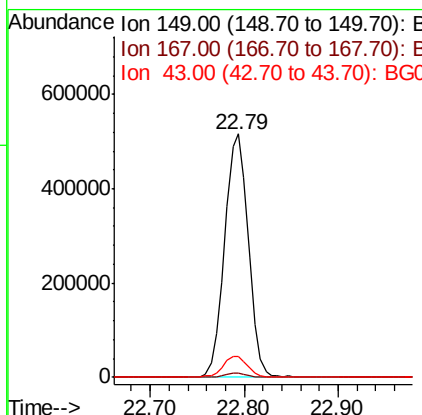
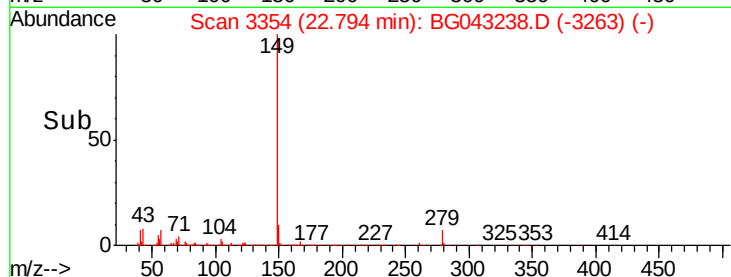
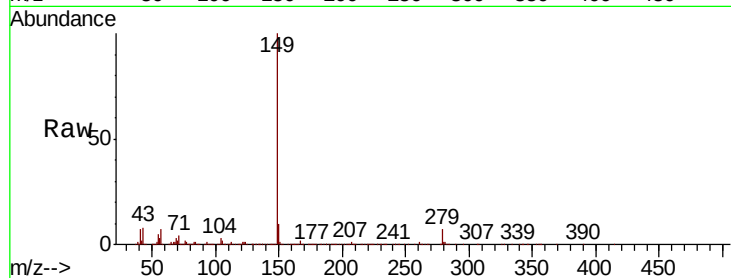
#85
Di-n-octyl phthalate
Concen: 49.590 ng
RT: 22.79 min Scan# 3354
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.5	8.7	13.1#

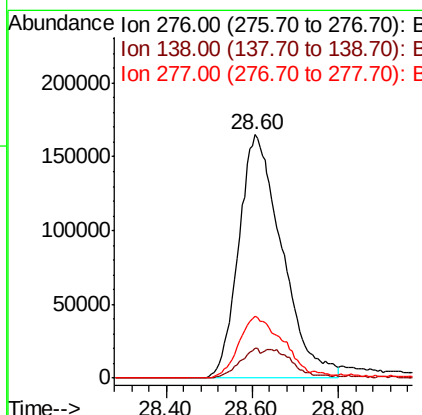
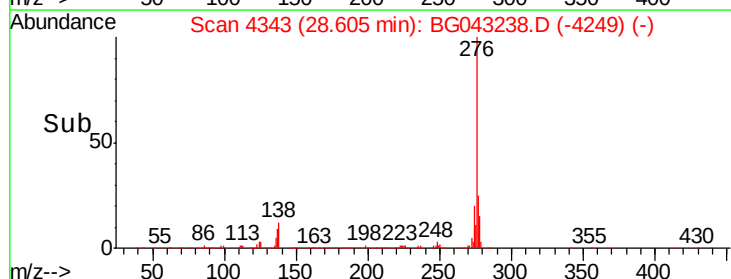
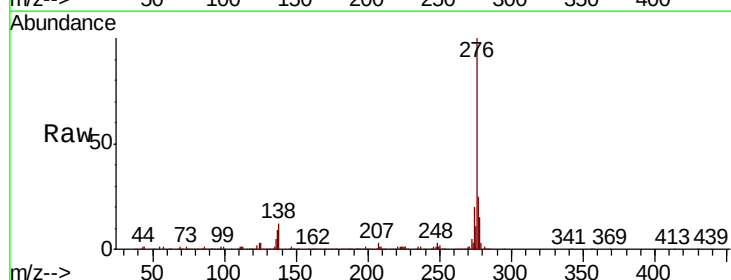
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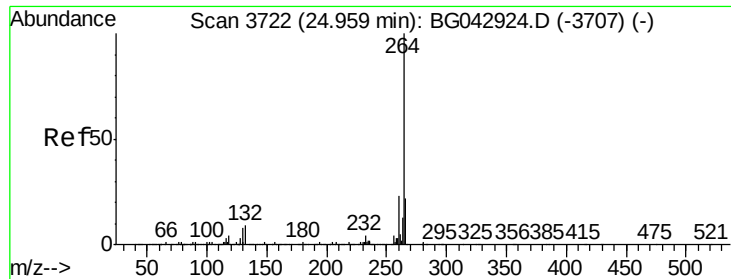
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.596 ng
RT: 28.60 min Scan# 4343
Delta R.T. 0.02 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.7	7.0	10.6#
277	26.4	20.9	31.3





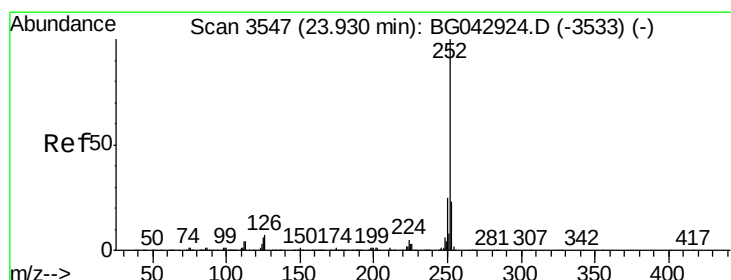
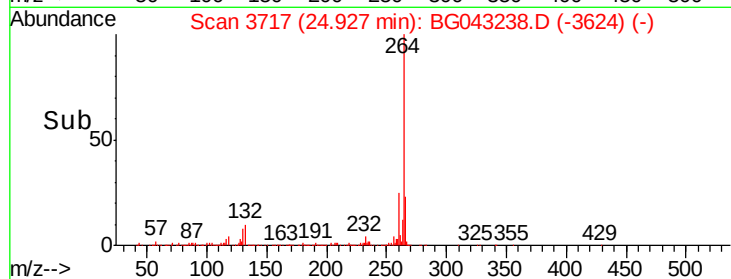
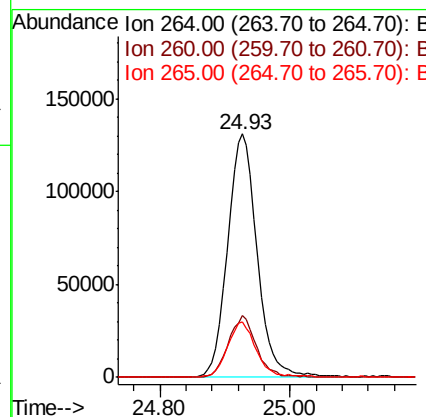
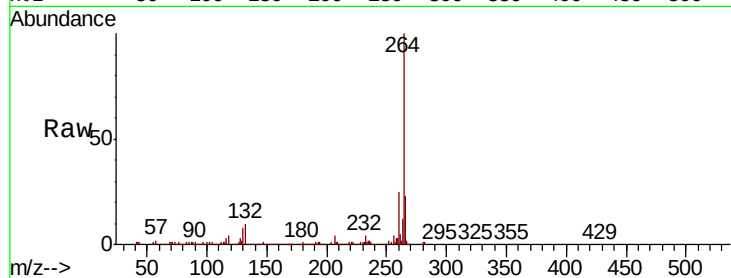
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.02 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.7	28.1
265	22.5	17.7	26.5

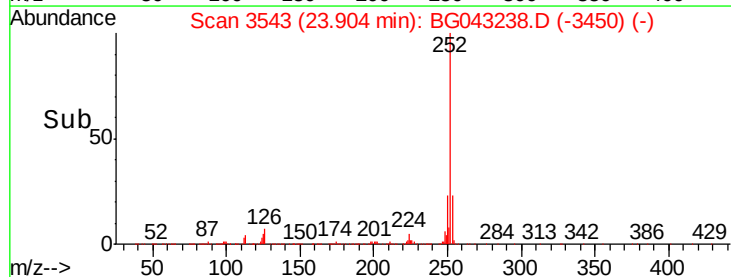
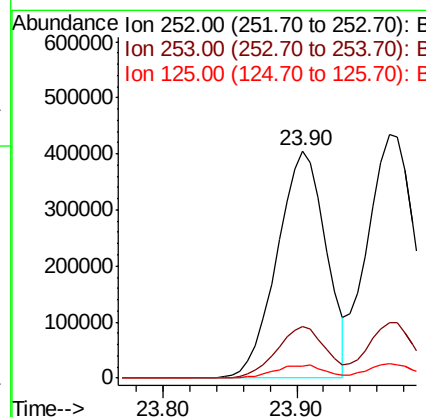
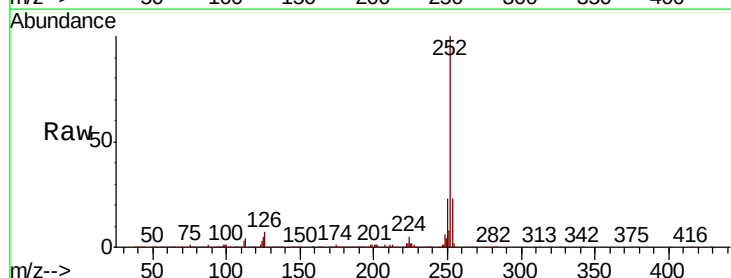
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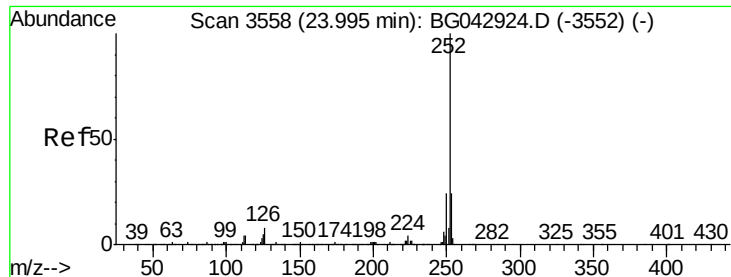
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.362 ng
RT: 23.90 min Scan# 3543
Delta R.T. 0.02 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	5.2	4.6	7.0





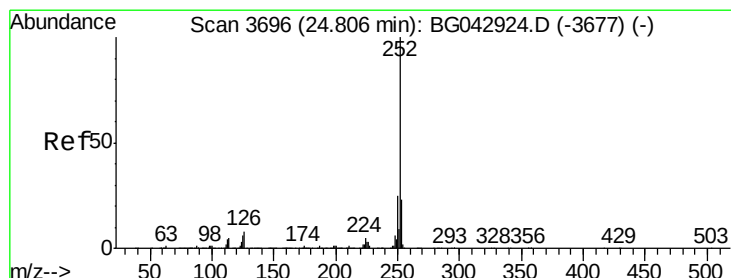
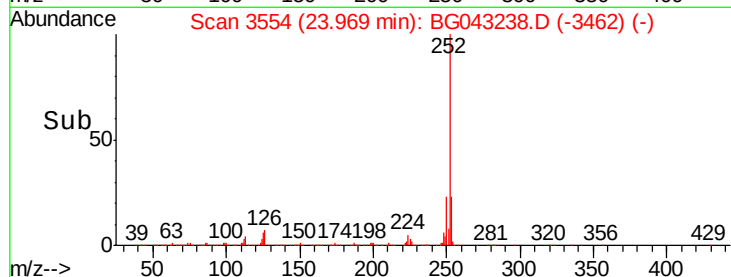
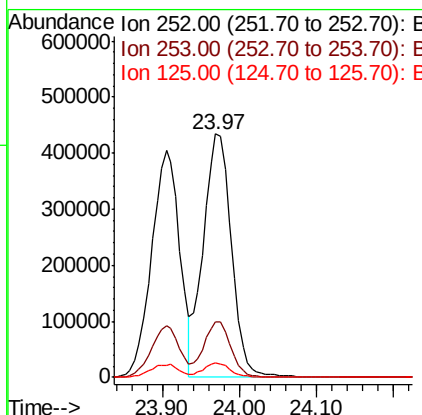
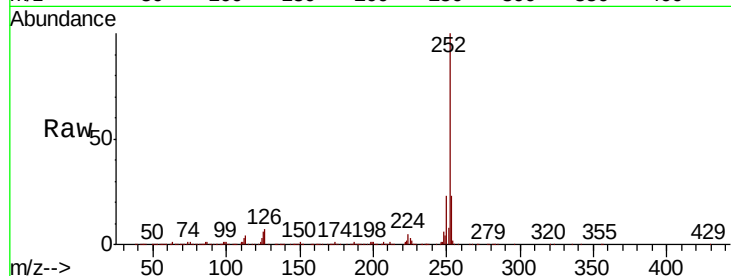
#89
Benzo(k)fluoranthene
Concen: 47.486 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.01 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.9	28.3
125	5.9	4.5	6.7

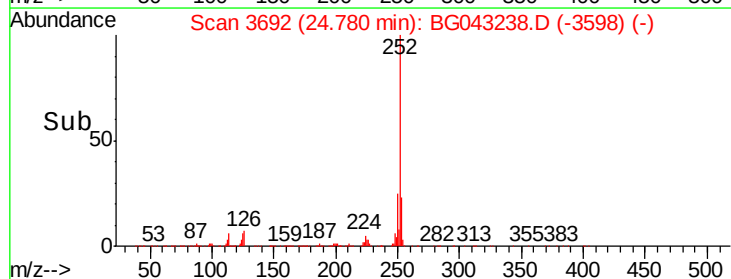
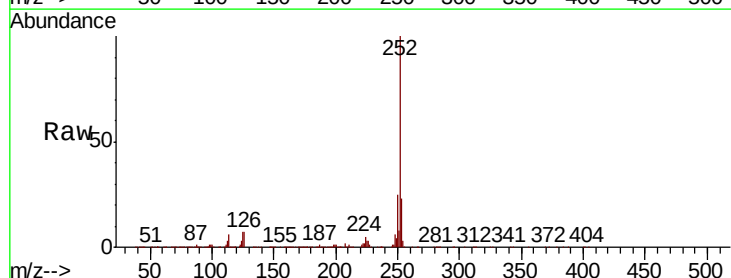
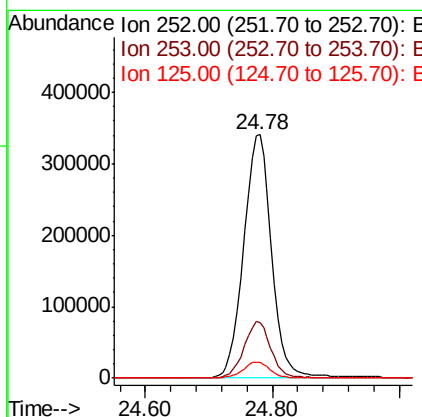
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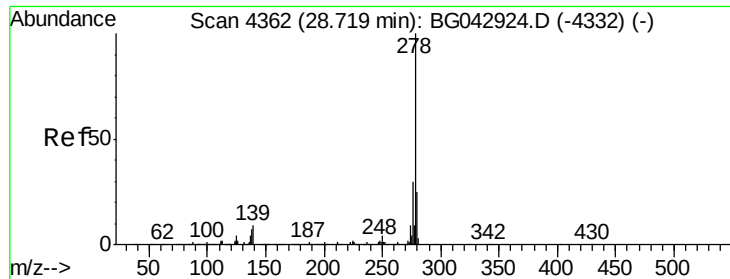
mohammad
10/17/2019 7:57:40 AM



#90
Benzo(a)pyrene
Concen: 47.619 ng
RT: 24.78 min Scan# 3692
Delta R.T. 0.02 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	6.5	5.0	7.6





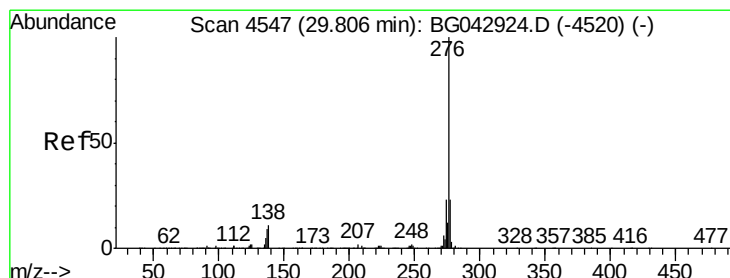
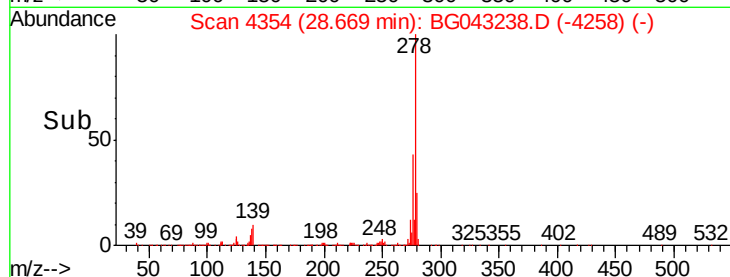
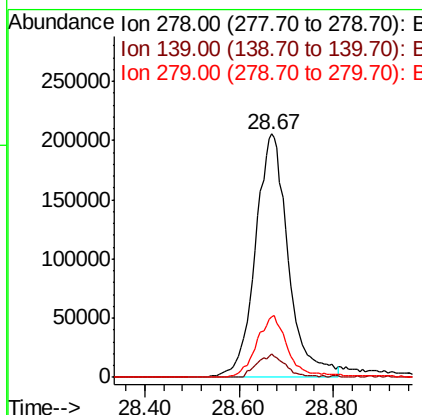
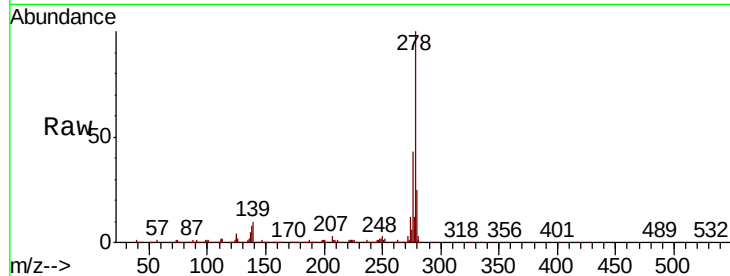
#91
Dibenzo(a,h)anthracene
Concen: 44.543 ng
RT: 28.67 min Scan# 4354
Delta R.T. 0.03 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.7	6.8	10.2
279	25.1	20.1	30.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 40.031 ng
RT: 29.76 min Scan# 4539
Delta R.T. 0.03 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.4	27.6
138	11.2	8.6	12.8

