

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071119\
 Data File : BG041624.D
 Acq On : 11 Jul 2019 18:13
 Operator : HP/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

mohammad
 7/12/2019 10:38:21 PM

Quant Time: Jul 12 04:51:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 04:30:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	591868	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	2296784	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	1478992	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	2957174	20.00	ng	0.00
76) Chrysene-d12	21.69	240	2875490	20.00	ng	0.03
87) Perylene-d12	24.93	264	3774163	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	719737	22.34	ng	0.00
7) Phenol-d6	7.21	99	1062403	22.75	ng	0.00
23) Nitrobenzene-d5	9.22	82	918727	16.82	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	423016	18.63	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	2124910	19.53	ng	0.00
79) Terphenyl-d14	20.03	244	2712820	18.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	168768	10.448	ng	# 83
3) Pyridine	3.90	79	413099	9.641	ng	# 88
4) n-Nitrosodimethylamine	3.82	42	253271	11.083	ng	# 76
6) Aniline	7.38	93	757999	11.679	ng	99
8) 2-Chlorophenol	7.62	128	444835	11.753	ng	97
9) Benzaldehyde	7.19	77	320889	10.745	ng	98
10) Phenol	7.24	94	550075	10.956	ng	84
11) bis(2-Chloroethyl)ether	7.48	93	469167	12.315	ng	94
12) 1,3-Dichlorobenzene	7.95	146	529327	11.169	ng	# 89
13) 1,4-Dichlorobenzene	8.09	146	520651	10.755	ng	95
14) 1,2-Dichlorobenzene	8.42	146	510102	11.032	ng	95
15) Benzyl Alcohol	8.29	79	442820	9.899	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	994510	15.946	ng	90
17) 2-Methylphenol	8.49	107	407619	11.355	ng	# 88
18) Hexachloroethane	9.15	117	201128	10.484	ng	90
19) n-Nitroso-di-n-propylamine	8.87	70	397073	10.515	ng	91
20) 3+4-Methylphenols	8.83	107	558190	11.681	ng	88
22) Acetophenone	8.88	105	706814	10.575	ng	# 96
24) Nitrobenzene	9.26	77	486648	8.860	ng	# 88
25) Isophorone	9.79	82	1014835	10.129	ng	# 93
26) 2-Nitrophenol	9.97	139	212260	9.532	ng	# 74
27) 2,4-Dimethylphenol	10.03	122	403859	12.099	ng	83
28) bis(2-Chloroethoxy)methane	10.27	93	630502	12.077	ng	100
29) 2,4-Dichlorophenol	10.51	162	467357	11.293	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	548703	10.352	ng	97
31) Naphthalene	10.92	128	1353641	10.844	ng	97
32) Benzoic acid	10.21	122	297372	13.686	ng	# 85
33) 4-Chloroaniline	11.01	127	666034	12.563	ng	# 91
34) Hexachlorobutadiene	11.21	225	357585	8.499	ng	98
35) Caprolactam	11.81	113	187609m	13.168	ng	
36) 4-Chloro-3-methylphenol	12.13	107	486236	10.171	ng	# 85
37) 2-Methylnaphthalene	12.52	142	1054062	11.465	ng	# 94
38) 1-Methylnaphthalene	12.73	142	1002795	11.400	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	600314	9.830	ng	98

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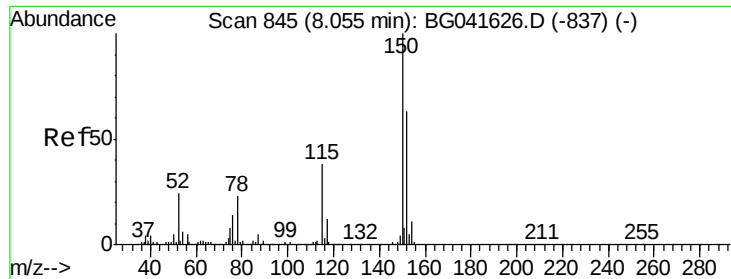
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	381476	9.273	nq	98
43) 2,4,6-Trichlorophenol	13.12	196	413943	10.957	nq	96
44) 2,4,5-Trichlorophenol	13.19	196	422792	10.876	nq	98
46) 1,1'-Biphenyl	13.52	154	1295262	11.584	nq	93
47) 2-Chloronaphthalene	13.56	162	1090351	11.327	nq	96
48) 2-Nitroaniline	13.75	65	308192	8.742	nq #	79
49) Acenaphthylene	14.40	152	1618919	11.083	nq	92
50) Dimethylphthalate	14.14	163	1365260	10.375	nq	96
51) 2,6-Dinitrotoluene	14.25	165	278952	10.053	nq #	80
52) Acenaphthene	14.75	154	1055401	12.304	nq	94
53) 3-Nitroaniline	14.58	138	316347	11.572	nq #	88
54) 2,4-Dinitrophenol	14.77	184	132411	7.450	nq #	87
55) Dibenzofuran	15.08	168	1542293	10.341	nq #	97
56) 4-Nitrophenol	14.87	139	258170	13.593	nq #	67
57) 2,4-Dinitrotoluene	15.03	165	370517	9.135	nq #	83
58) Fluorene	15.73	166	1262693	10.763	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	396221m	9.856	nq	
60) Diethylphthalate	15.50	149	1385651	10.360	nq	93
61) 4-Chlorophenyl-phenylether	15.72	204	739927	9.694	nq	96
62) 4-Nitroaniline	15.74	138	341141	11.667	nq #	70
63) Azobenzene	16.01	77	1246849	10.449	nq	93
65) 4,6-Dinitro-2-methylphenol	15.80	198	183856	9.579	nq	99
66) n-Nitrosodiphenylamine	15.93	169	1194049	15.207	nq	97
67) 4-Bromophenyl-phenylether	16.61	248	496780	12.992	nq	97
68) Hexachlorobenzene	16.73	284	498954	12.186	nq #	92
69) Atrazine	16.88	200	484890	18.934	nq	97
70) Pentachlorophenol	17.06	266	338648	16.152	nq	99
71) Phenanthrene	17.46	178	1936573	12.279	nq #	89
72) Anthracene	17.55	178	2001670	12.874	nq #	91
73) Carbazole	17.82	167	1862312	13.692	nq #	91
74) Di-n-butylphthalate	18.39	149	2181424	12.853	nq #	94
75) Fluoranthene	19.47	202	2289385	10.926	nq	84
77) Benzidine	19.64	184	1377800	19.810	nq #	94
78) Pyrene	19.83	202	2302291	11.872	nq #	84
80) Butylbenzylphthalate	20.72	149	1109932	15.132	nq	92
81) Benzo(a)anthracene	21.67	228	2468542	12.679	nq #	90
82) 3,3'-Dichlorobenzidine	21.58	252	1064809	15.580	nq #	95
83) Chrysene	21.74	228	2248668	12.010	nq #	85
84) Bis(2-ethylhexyl)phthalate	21.59	149	1510783	15.113	nq #	92
85) Di-n-octyl phthalate	22.82	149	2596013	15.350	nq #	90
86) Indeno(1,2,3-cd)pyrene	28.61	276	3167893	14.261	nq #	92
88) Benzo(b)fluoranthene	23.89	252	2626702	11.230	nq #	89
89) Benzo(k)fluoranthene	23.96	252	2499529	10.787	nq #	90
90) Benzo(a)pyrene	24.76	252	2548275	11.536	nq #	91
91) Dibenzo(a,h)anthracene	28.69	278	2521423	11.338	nq #	91
92) Benzo(g,h,i)perylene	29.77	276	2518596	11.460	nq #	88

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



#1

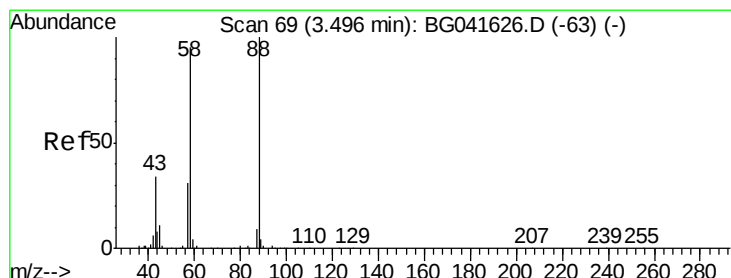
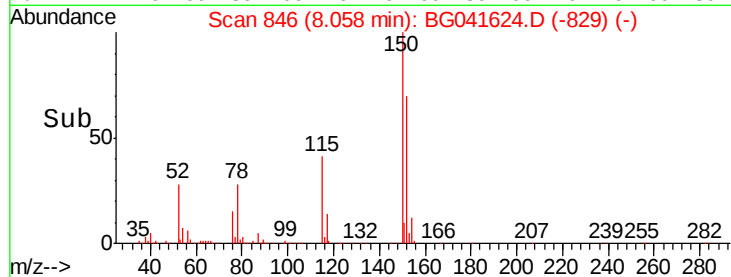
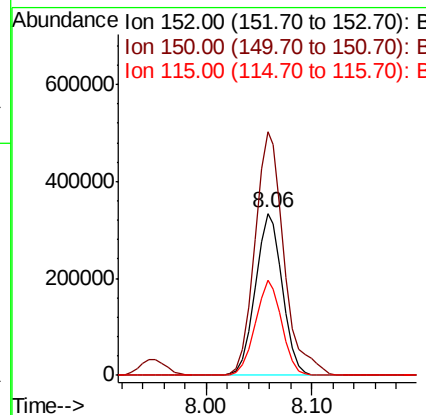
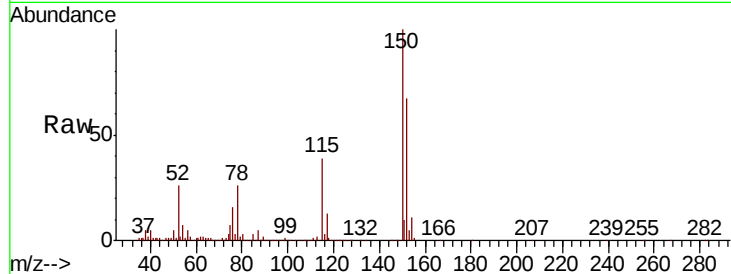
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	120.6	181.0
115	58.7	47.9	71.9

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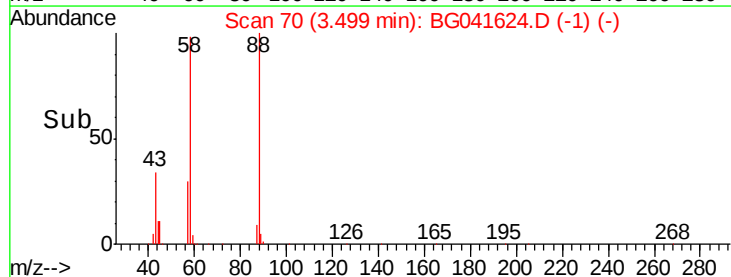
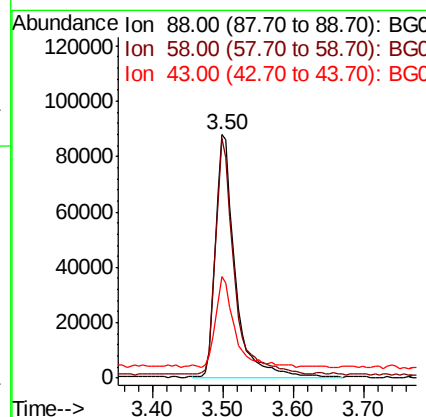
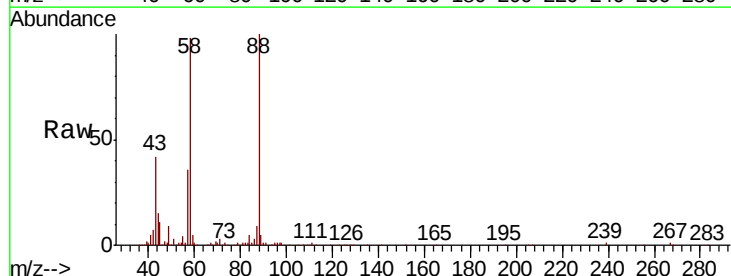
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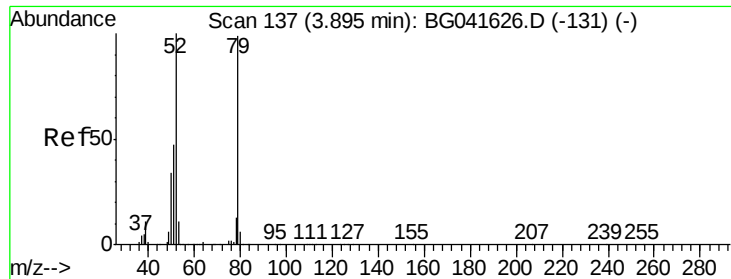


#2

1,4-Dioxane
Concen: 10.448 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.3	59.7	89.5#
43	35.6	31.9	47.9





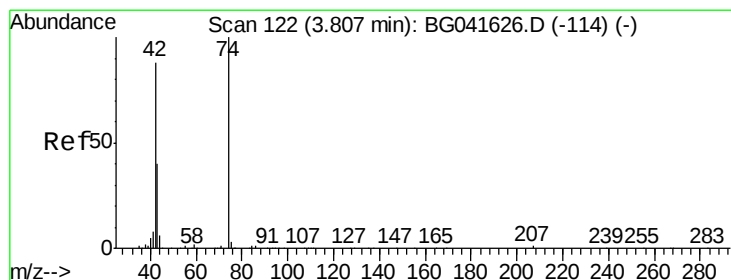
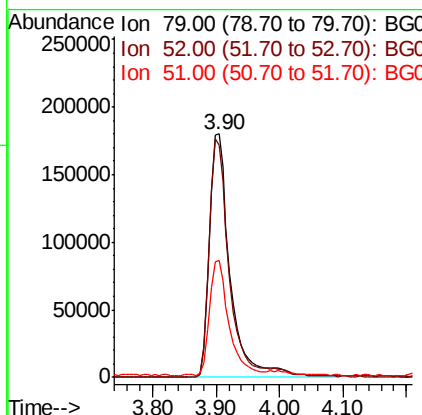
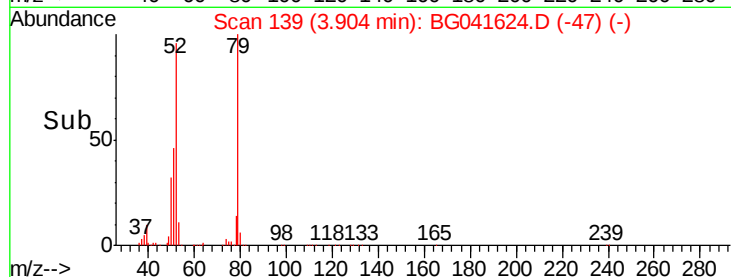
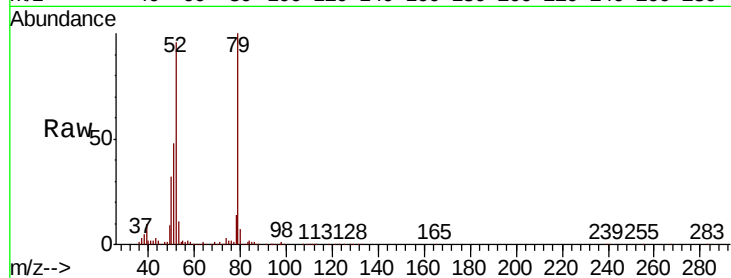
#3
 Pvridine
 Concen: 9.641 ng
 RT: 3.90 min Scan# 139
 Delta R.T. 0.01 min
 Lab File: BG041624.D
 Acq: 11 Jul 2019 18:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
79	100		
52	95.5	63.6	95.4#
51	48.0	39.8	59.6

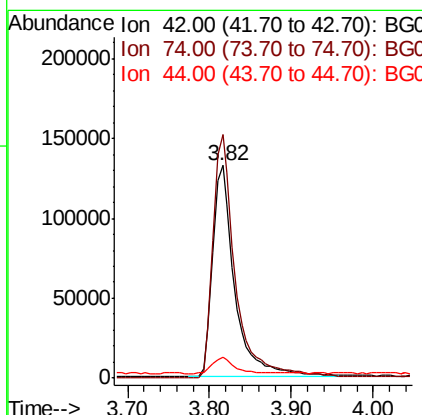
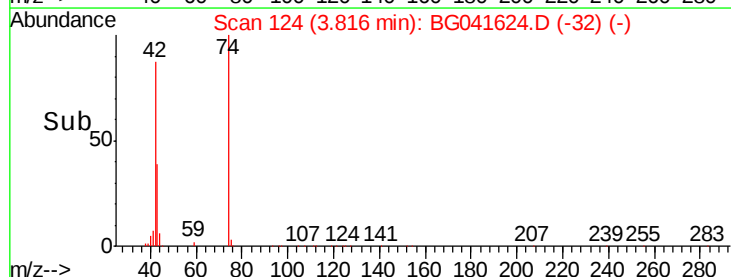
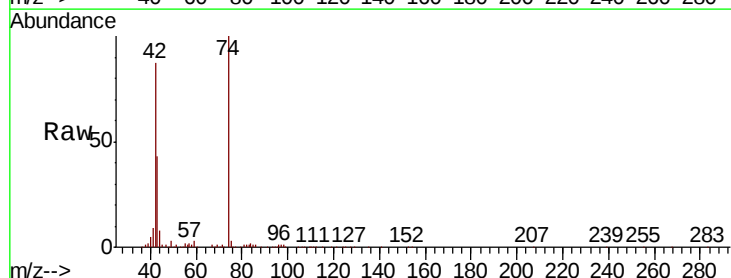
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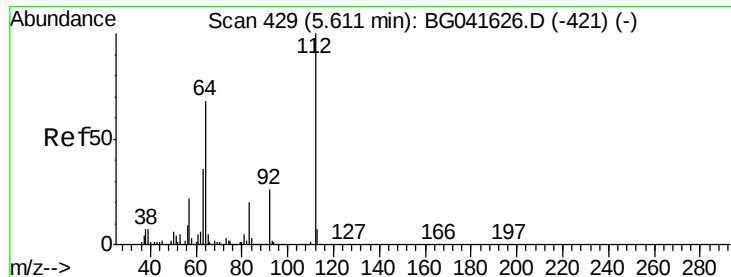
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#4
 n-Nitrosodimethylamine
 Concen: 11.083 ng
 RT: 3.82 min Scan# 124
 Delta R.T. 0.01 min
 Lab File: BG041624.D
 Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.5	71.6	107.4#
44	9.6	9.0	13.4





#5

2-Fluorophenol

Concen: 22.344 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

Instrument :

BNA_G

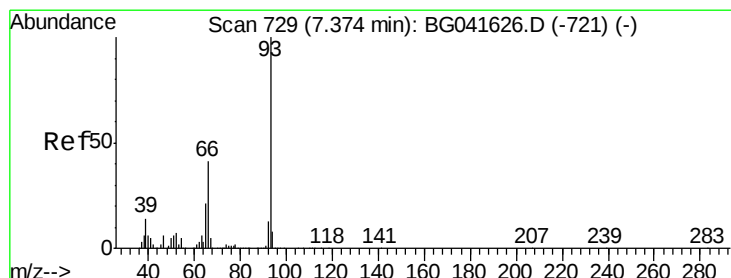
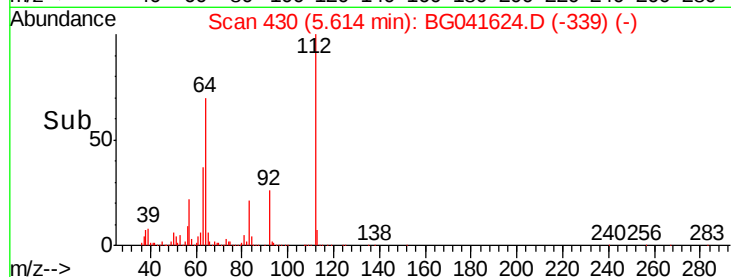
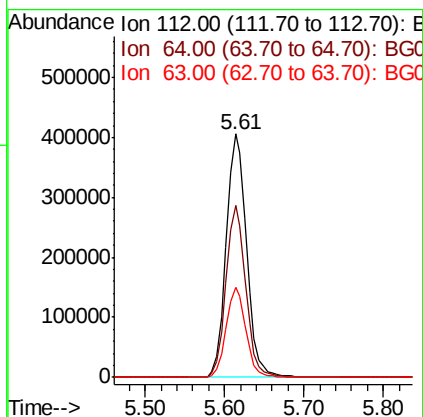
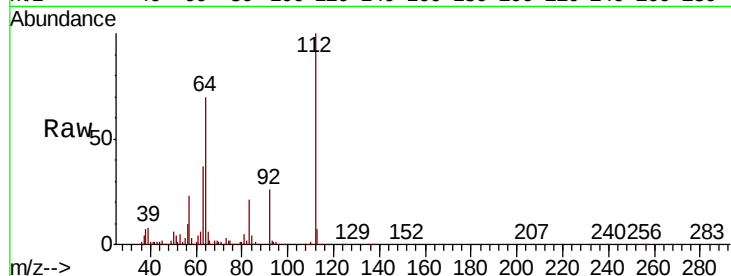
ClientSampleId :

SSTDICC010

Tot Ion:	112	Resp:	719737
Ion Ratio	Lower	Upper	
112	100		
64	70.4	55.9	83.9
63	36.8	34.6	51.8

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#6

Aniline

Concen: 11.679 ng

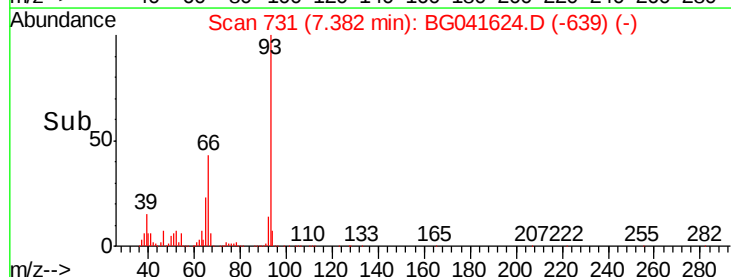
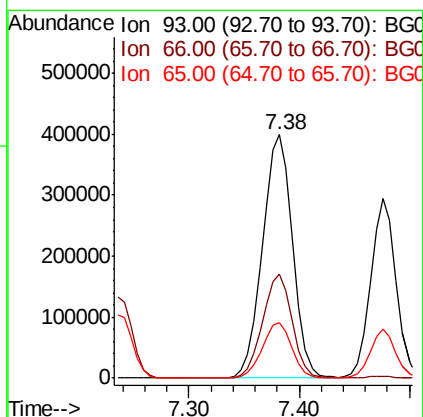
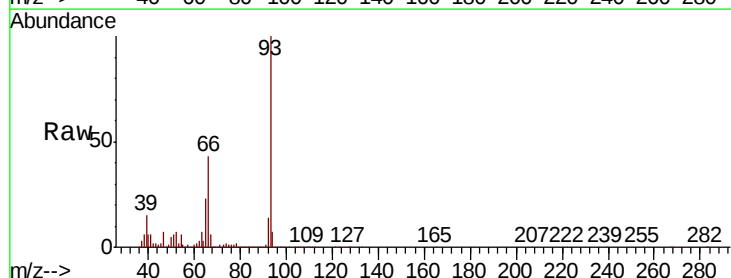
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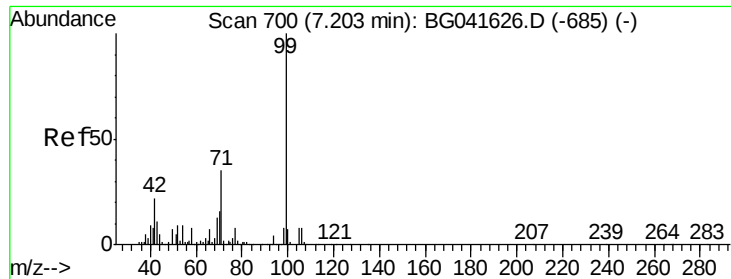
Delta R.T. 0.01 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

Tgt Ion:	93	Resp:	757999
Ion Ratio	Lower	Upper	
93	100		
66	42.9	34.2	51.2
65	23.0	17.7	26.5





#7

Phenol-d6

Concen: 22.754 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

Instrument :

BNA_G

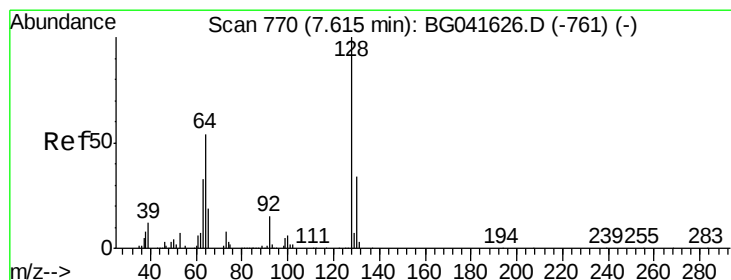
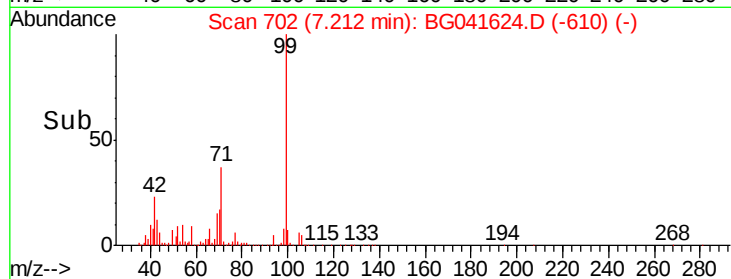
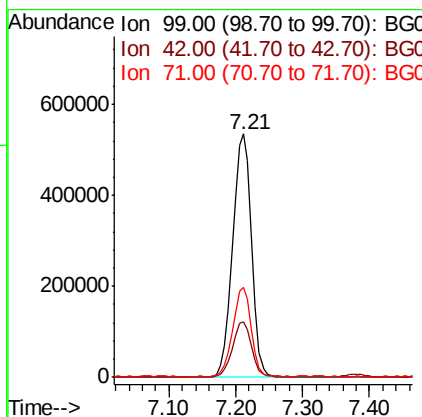
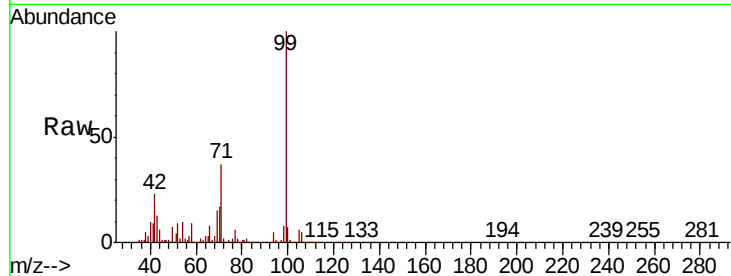
ClientSampleId :

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Tot Ion:	99	Resp:	1062403
Ion	Ratio	Lower	Upper
99	100		
42	22.9	19.9	29.9
71	37.0	36.4	54.6

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#8

2-Chlorophenol

Concen: 11.753 ng

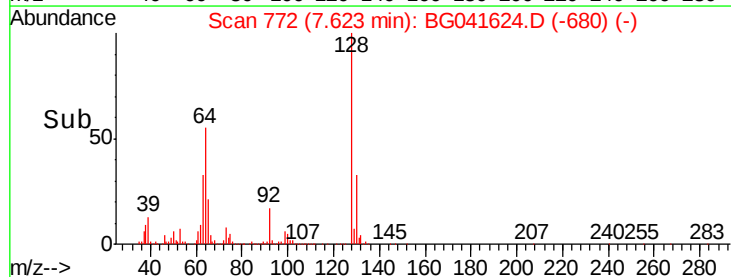
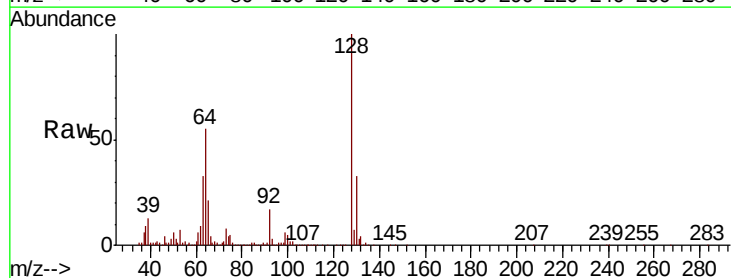
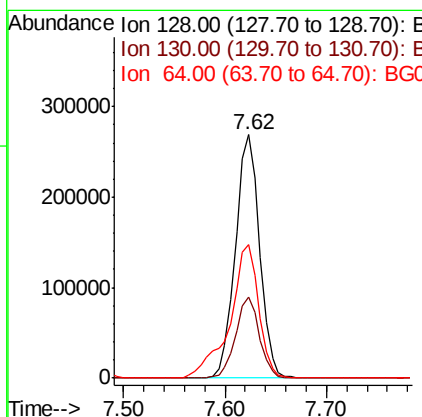
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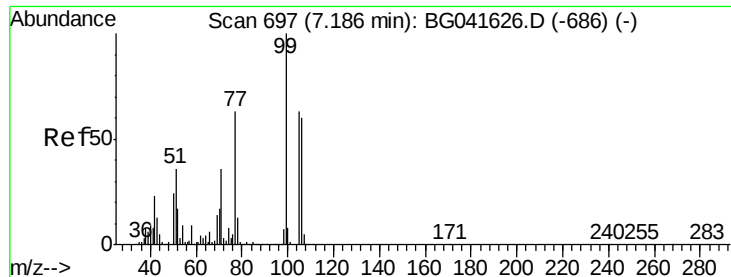
Delta R.T. 0.01 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

Tgt Ion:	128	Resp:	444835
Ion	Ratio	Lower	Upper
128	100		
130	33.4	11.1	51.1
64	54.7	36.6	76.6





#9

Benzaldehyde

Concen: 10.745 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

Instrument :

BNA_G

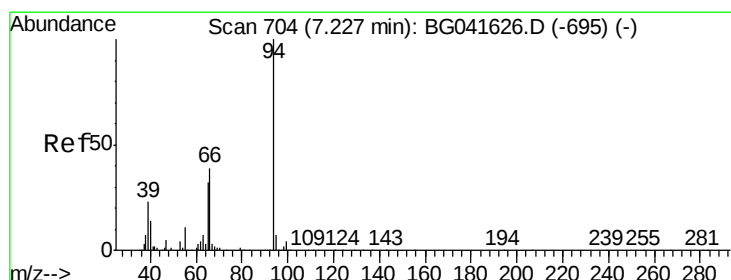
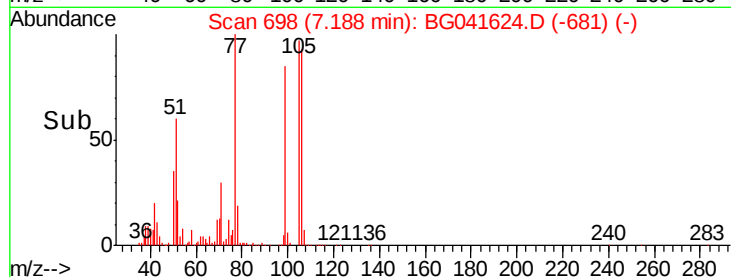
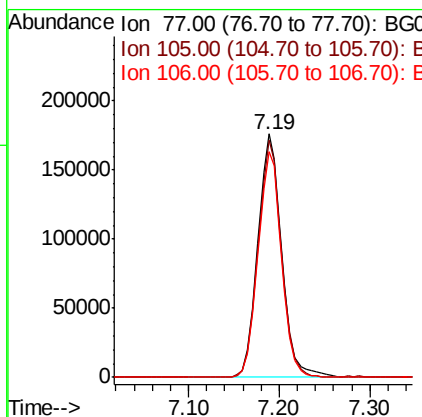
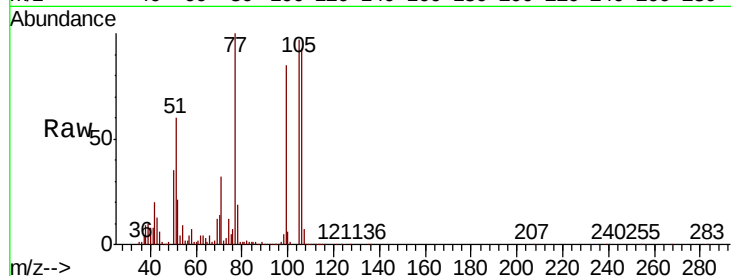
ClientSampleId :

SSTDICC010

Tot Ion:	77	Resp:	320889
Ion Ratio	Lower	Upper	
77	100		
105	97.2	78.7	118.7
106	92.7	71.1	111.1

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#10

Phenol

Concen: 10.956 ng

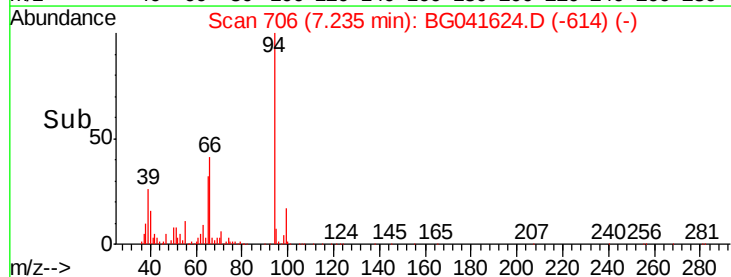
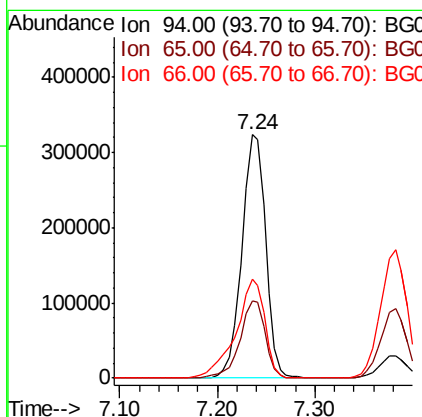
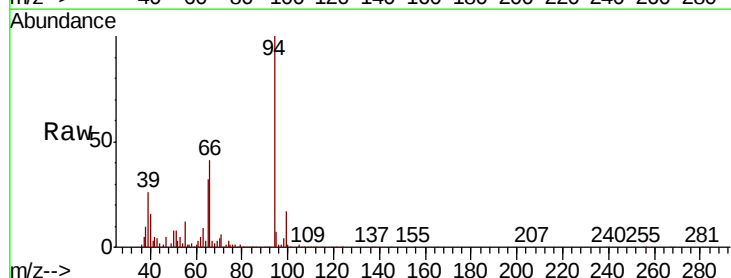
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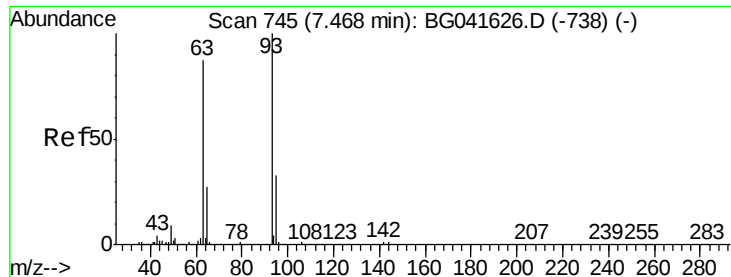
Delta R.T. 0.01 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

Tgt Ion:	94	Resp:	550075
Ion Ratio	Lower	Upper	
94	100		
65	31.9	18.7	58.7
66	40.9	35.5	75.5





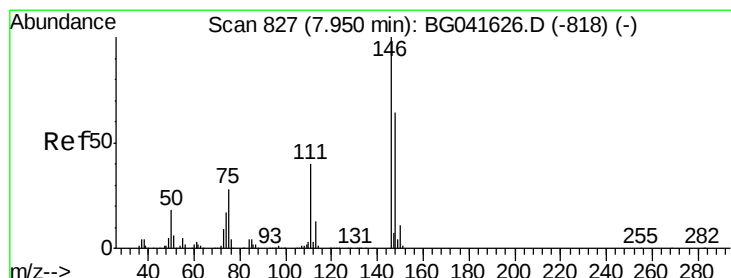
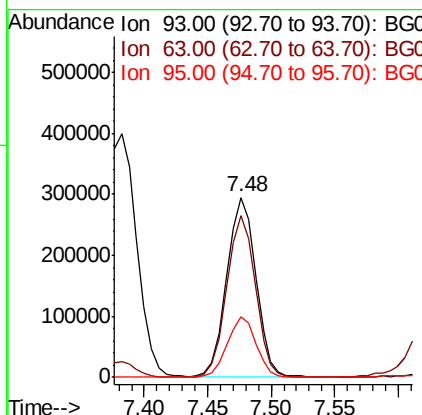
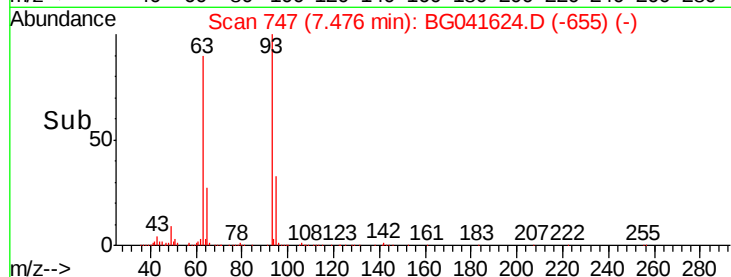
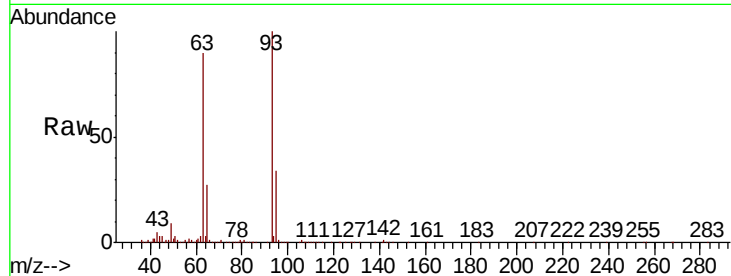
#11
bis(2-Chloroethyl)ether
Concen: 12.315 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion:	93	Resp:	469167
Ion Ratio	Lower	Upper	
93	100		
63	90.0	63.6	103.6
95	33.7	11.2	51.2

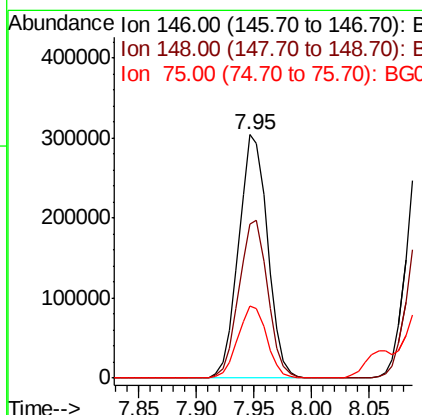
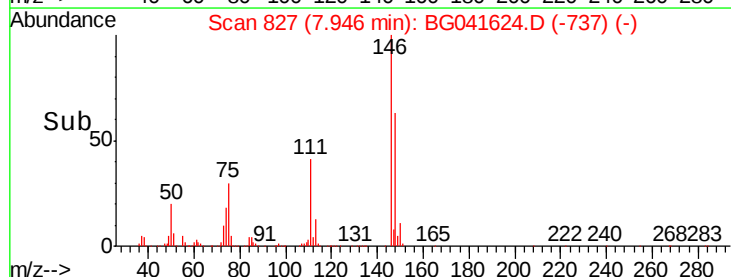
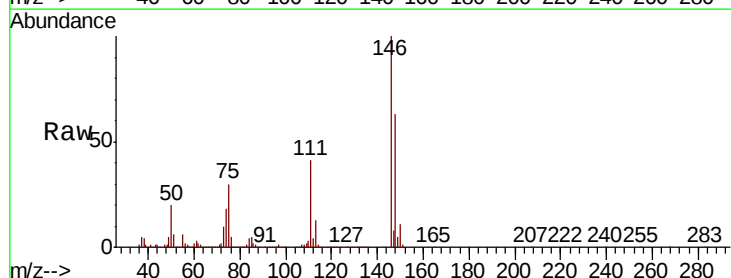
Manual Integrations
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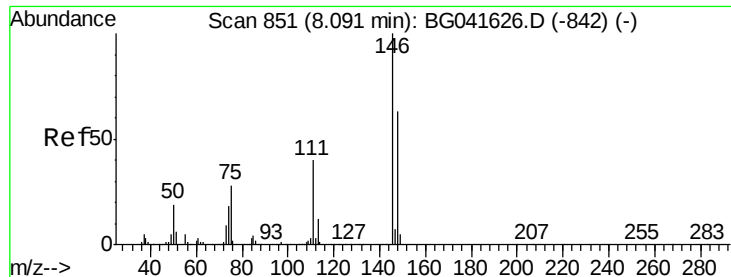
mohammad
7/12/2019 10:38:21 PM



#12
1,3-Dichlorobenzene
Concen: 11.169 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion:	146	Resp:	529327
Ion Ratio	Lower	Upper	
146	100		
148	63.2	46.5	69.7
75	29.8	32.2	48.4#





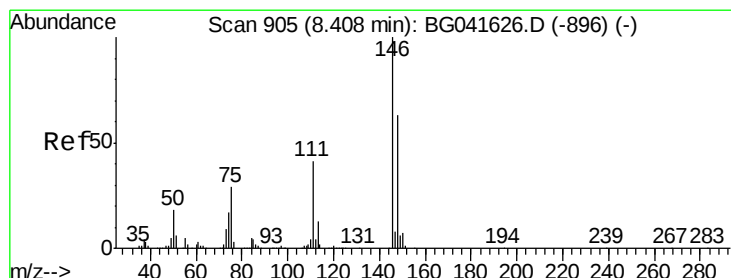
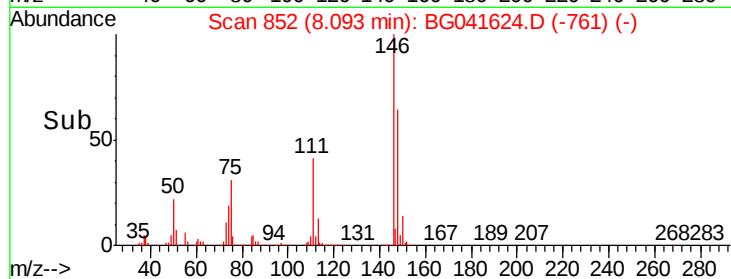
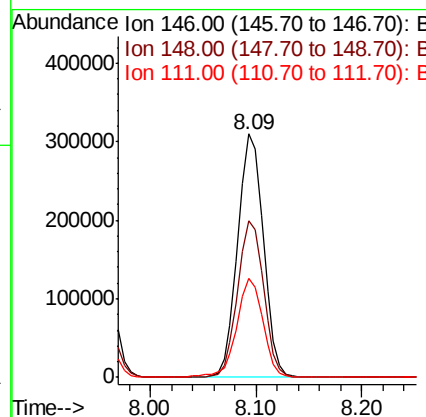
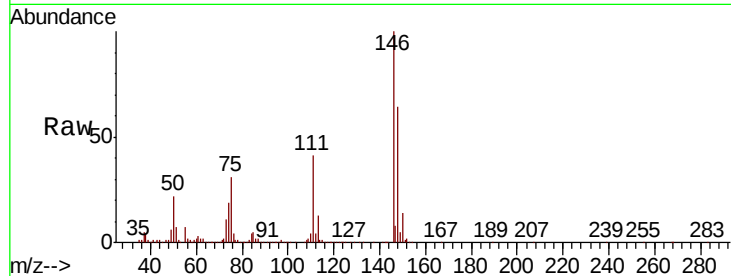
#13
 1,4-Dichlorobenzene
 Concen: 10.755 ng
 RT: 8.09 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG041624.D
 Acq: 11 Jul 2019 18:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
146	100	520651		
148	64.2		47.3	70.9
111	40.7		33.4	50.0

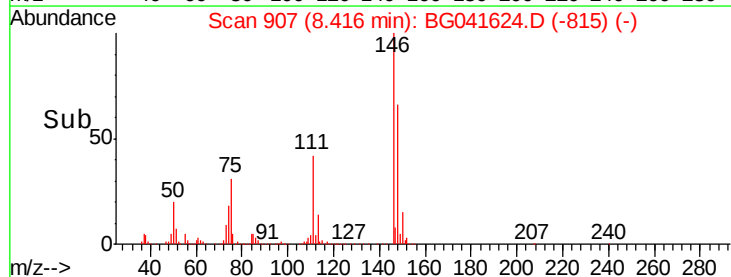
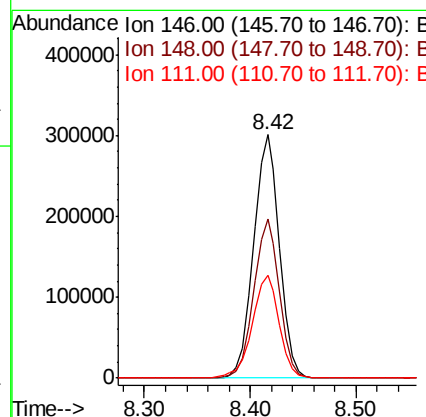
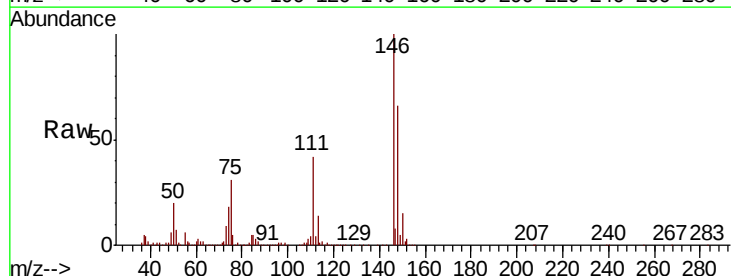
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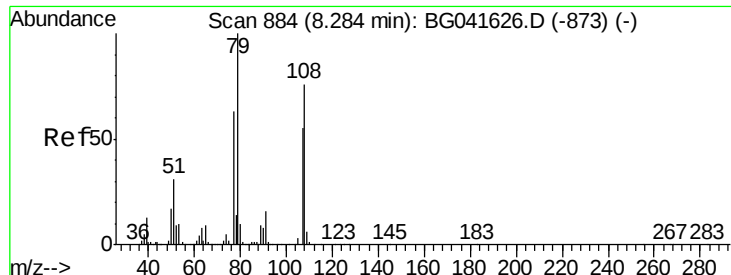
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 11.032 ng
 RT: 8.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BG041624.D
 Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	510102		
148	65.6		54.9	82.3
111	42.5		37.0	55.6





#15

Benzyl Alcohol

Concen: 9.899 ng

RT: 8.29 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

Instrument :

BNA_G

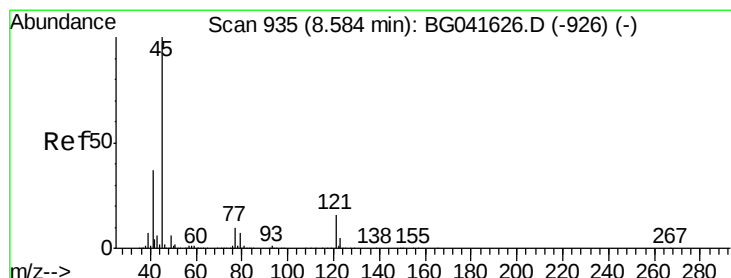
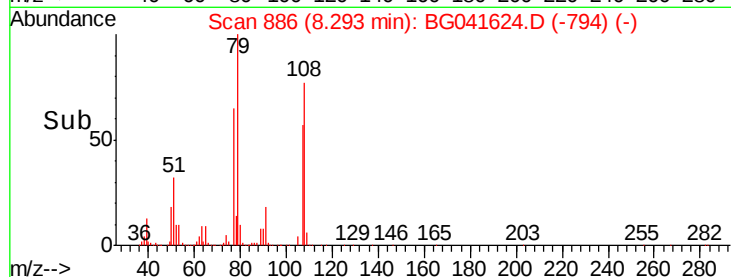
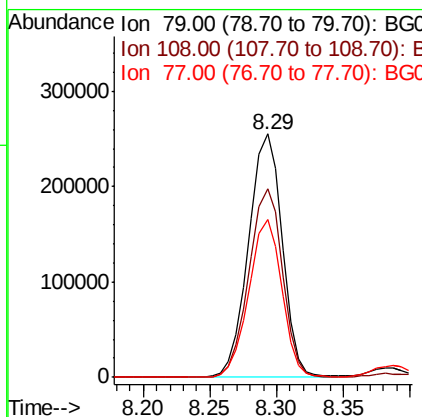
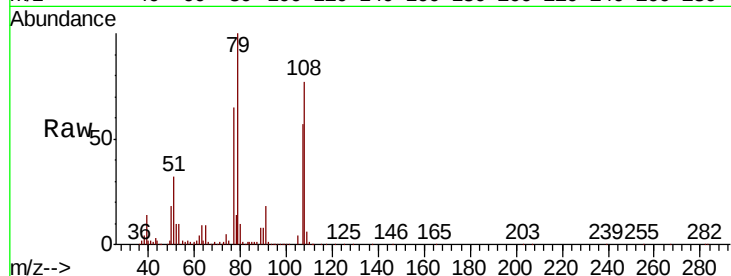
ClientSampleId :

SSTDIC010

Tot Ion:	79	Resp:	442820
Ion Ratio	Lower	Upper	
79	100		
108	77.3	52.7	79.1
77	64.8	55.2	82.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 15.946 ng

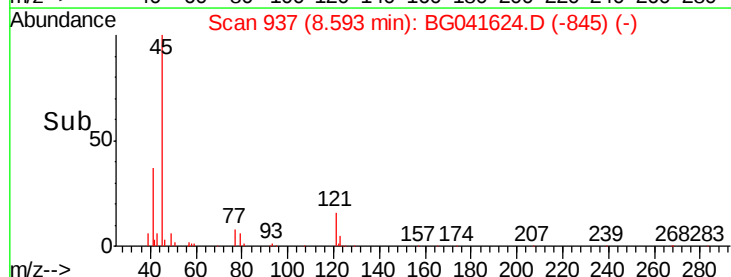
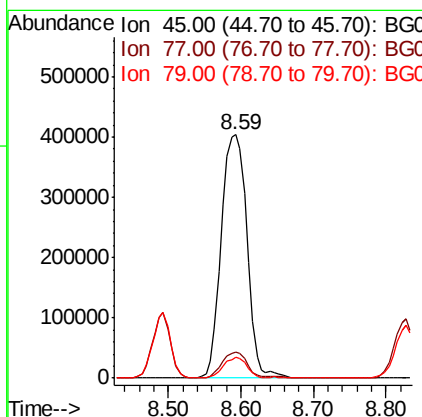
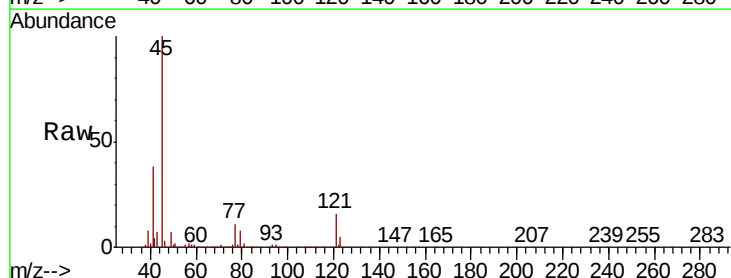
RT: 8.59 min Scan# 937

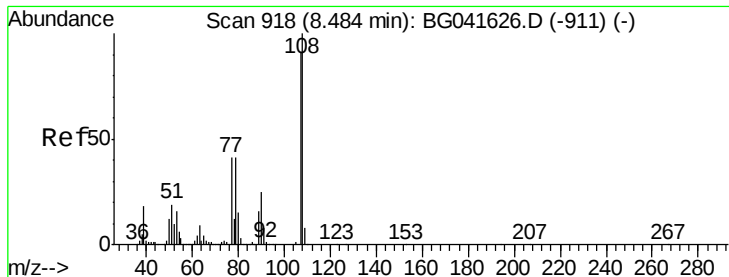
Delta R.T. 0.01 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

Tgt Ion:	45	Resp:	994510
Ion Ratio	Lower	Upper	
45	100		
77	10.6	0.0	35.2
79	8.4	0.0	31.6





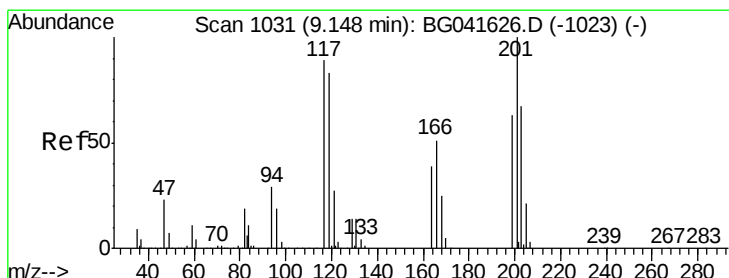
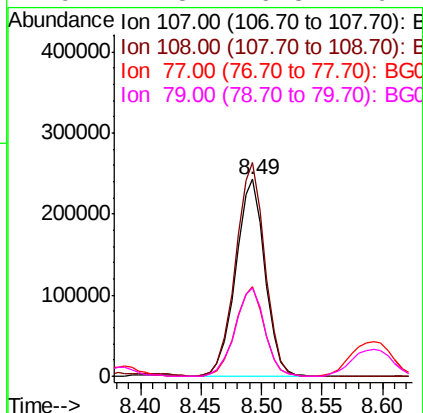
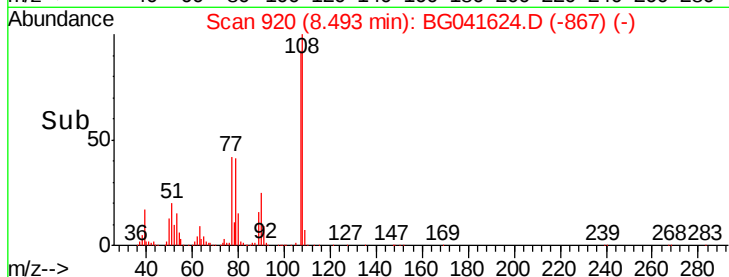
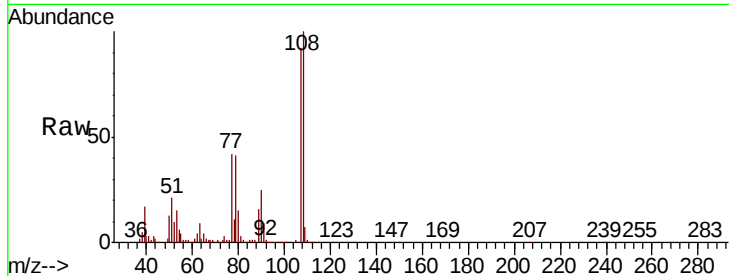
#17
2-Methylphenol
Concen: 11.355 ng
RT: 8.49 min Scan# 920
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.4	91.7	137.5	
77	45.2	47.8	71.8#	
79	44.8	46.8	70.2#	

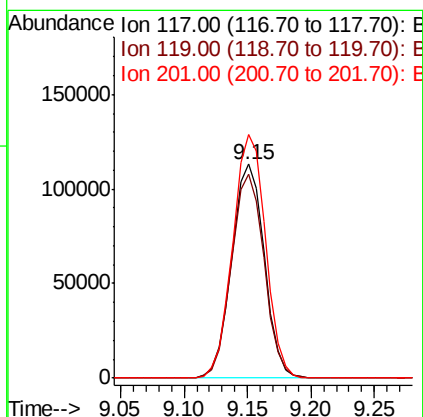
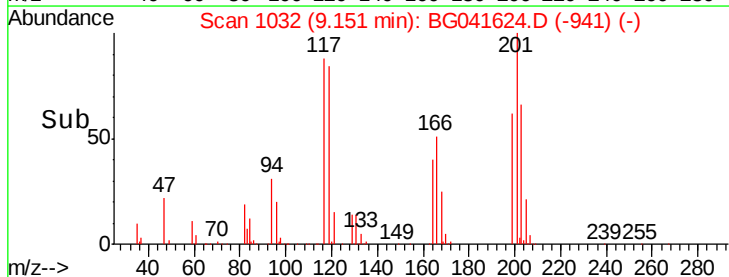
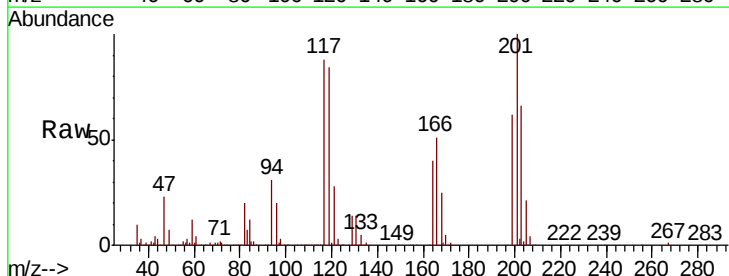
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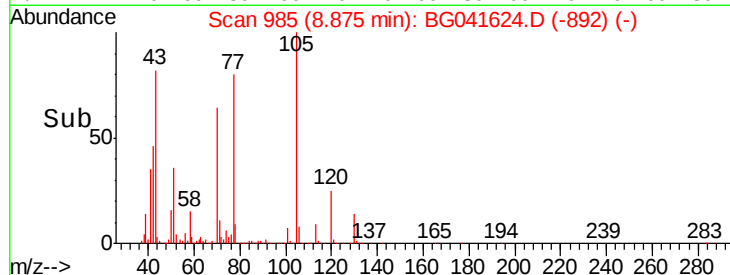
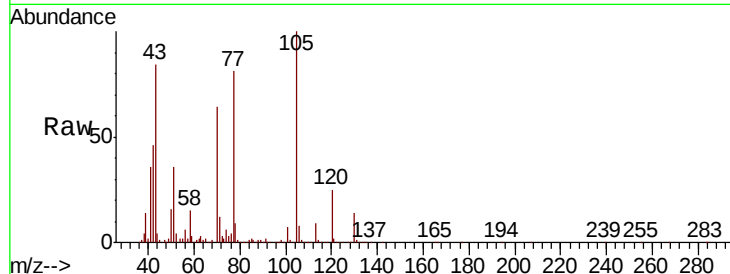
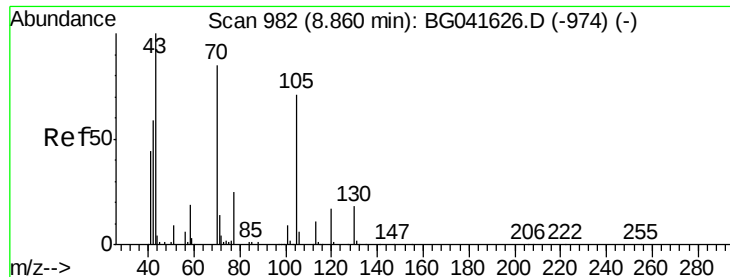
mohammad
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#18
Hexachloroethane
Concen: 10.484 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	76.8	115.2	
201	113.9	106.3	159.5	





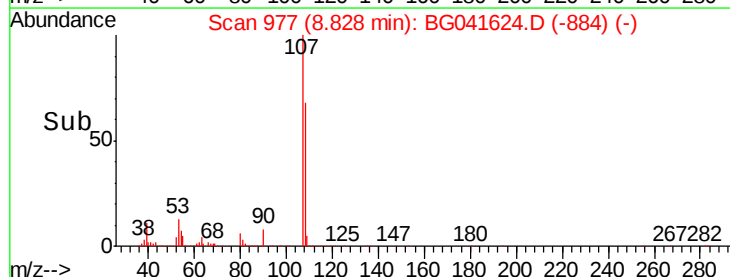
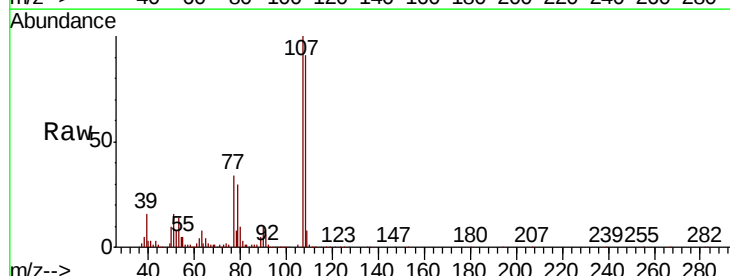
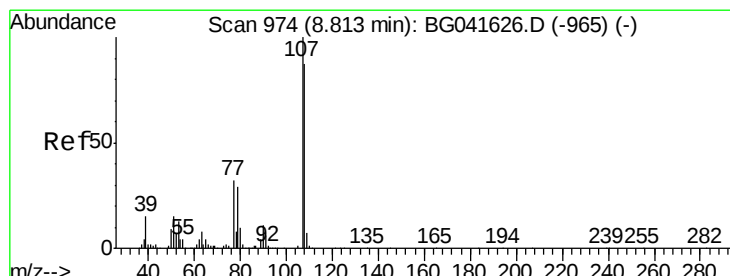
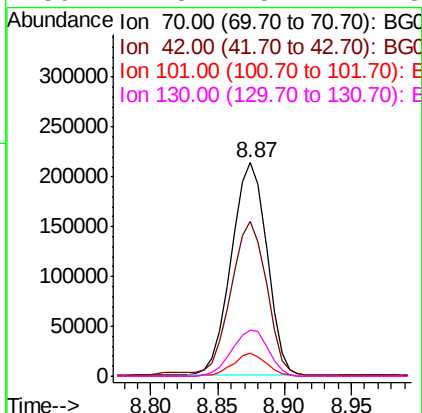
#19
n-Nitroso-di-n-propylamine
Concen: 10.515 ng
RT: 8.87 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	72.6	51.4	77.2	
101	10.9	8.2	12.2	
130	21.3	15.2	22.8	

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

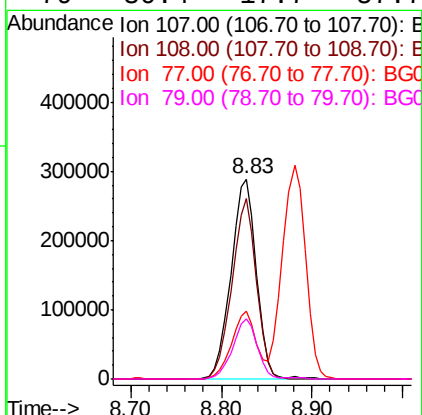
Manual Integrations
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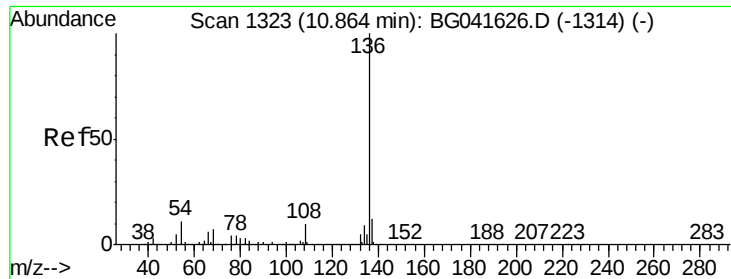
mohammad
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#20
3+4-Methylphenols
Concen: 11.681 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.6	60.4	100.4	
77	33.9	21.2	61.2	
79	30.4	17.7	57.7	





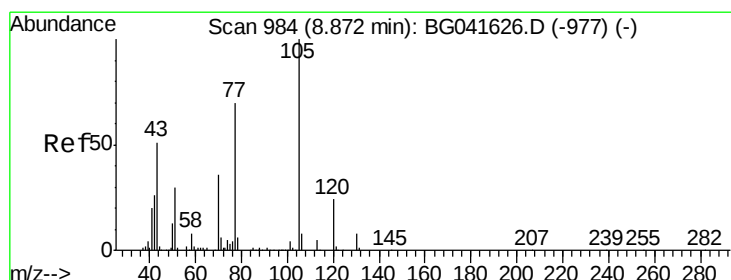
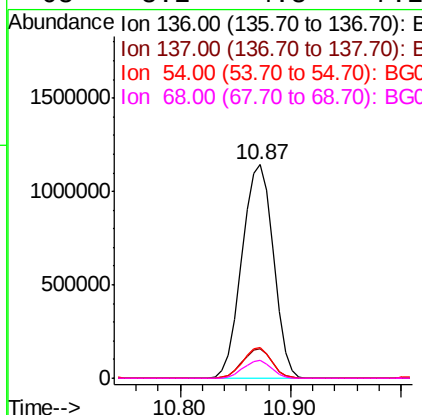
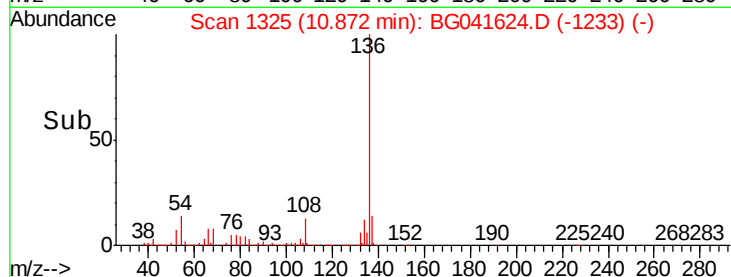
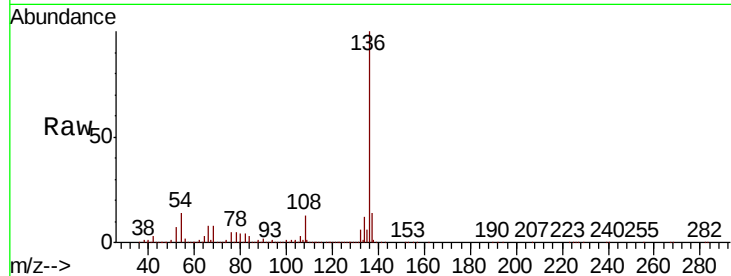
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
136	100		
137	13.9	8.8	13.2#
54	14.1	6.4	9.6#
68	8.2	4.8	7.2#

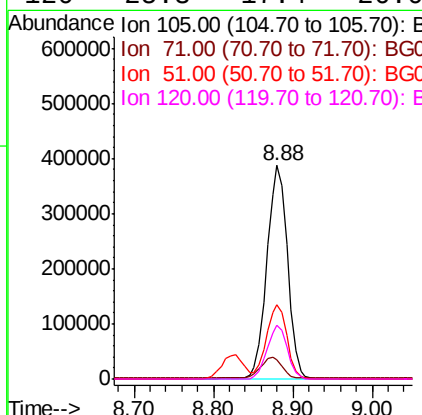
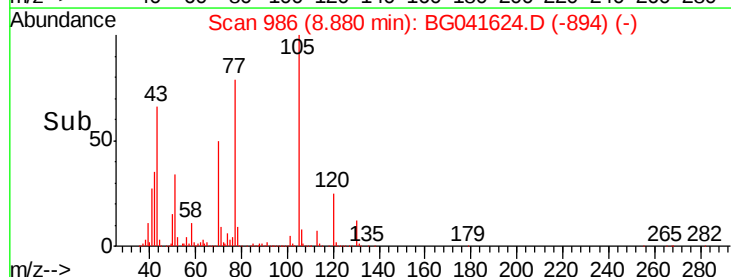
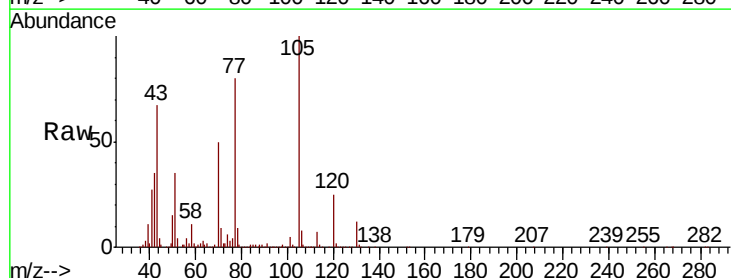
Manual Integrations
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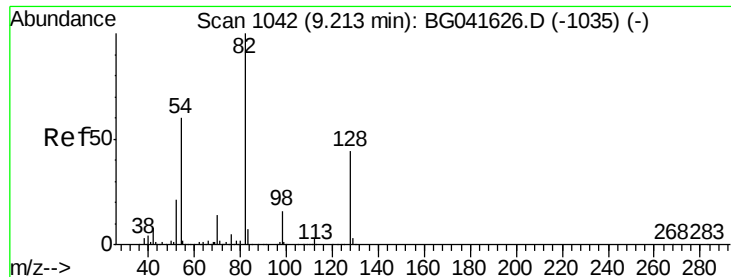
mohammad
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#22
Acetophenone
Concen: 10.575 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
105	100		
71	9.2	0.4	0.6#
51	34.6	28.2	42.4
120	25.3	17.4	26.0





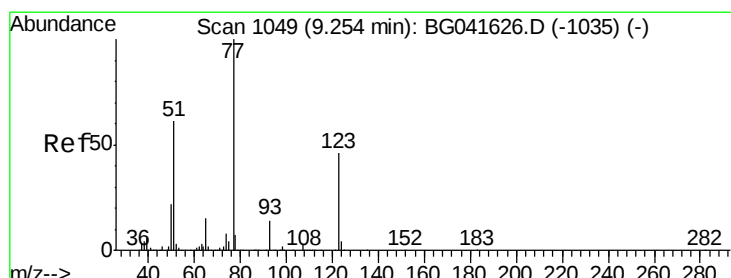
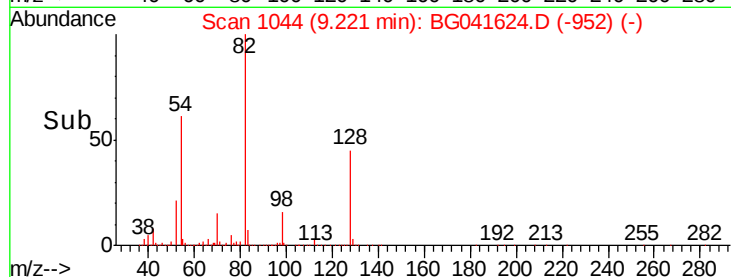
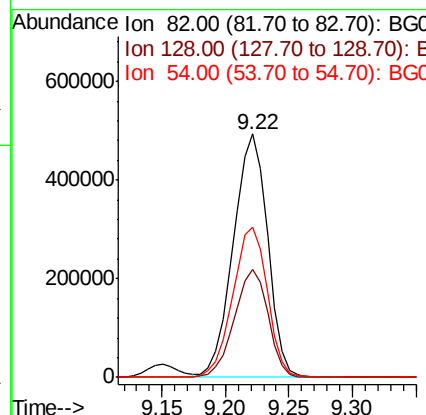
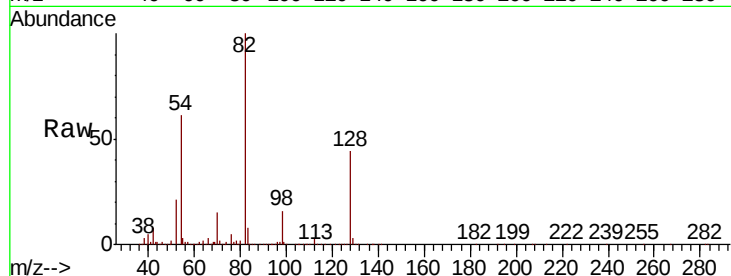
#23
Nitrobenzene-d5
Concen: 16.823 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	29.2	43.8#
54	61.4	43.4	65.0

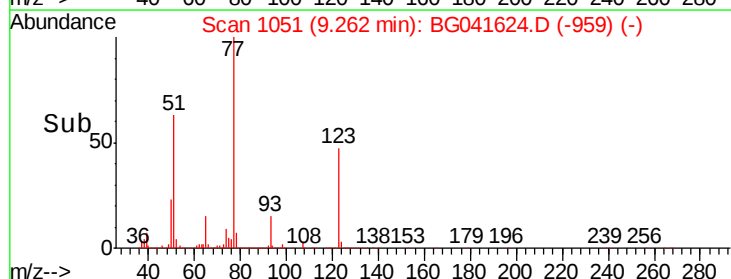
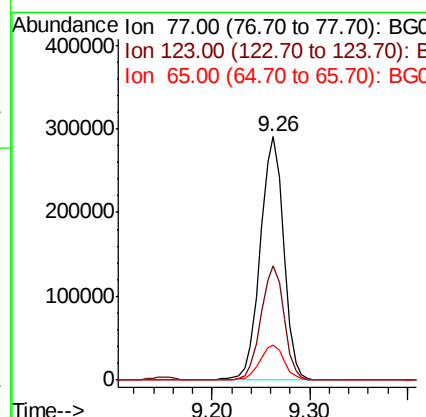
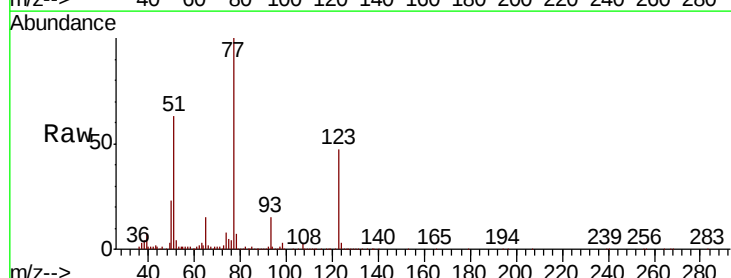
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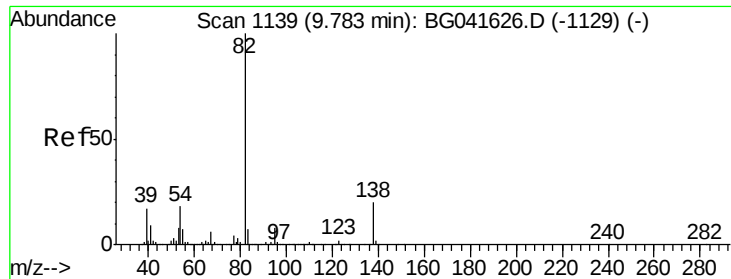
mohammad
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#24
Nitrobenzene
Concen: 8.860 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	30.4	45.6#
65	14.6	13.3	19.9





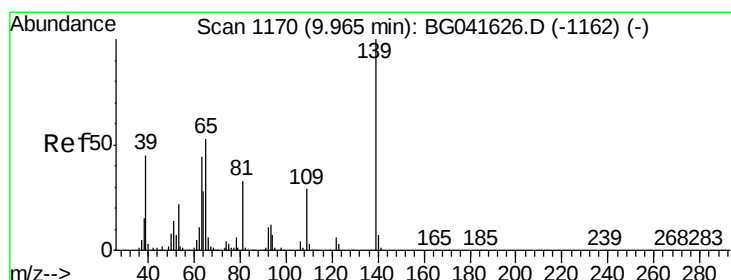
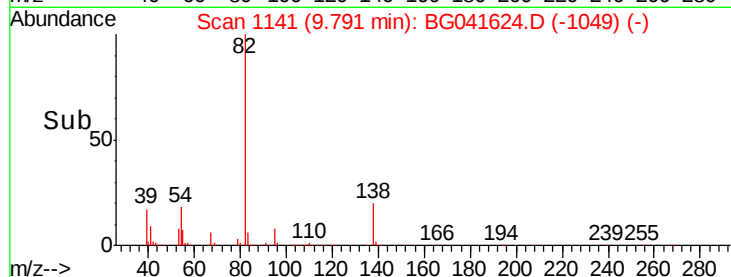
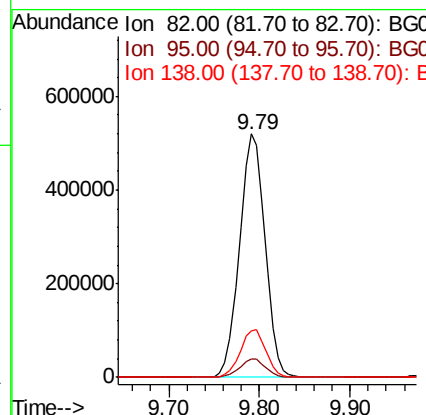
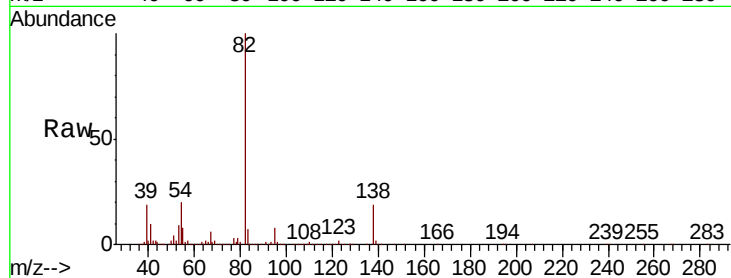
#25
Isophorone
Concen: 10.129 ng
RT: 9.79 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.6	10.0
138	19.2	12.3	18.5

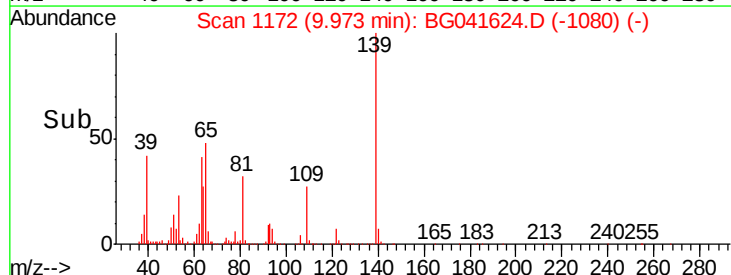
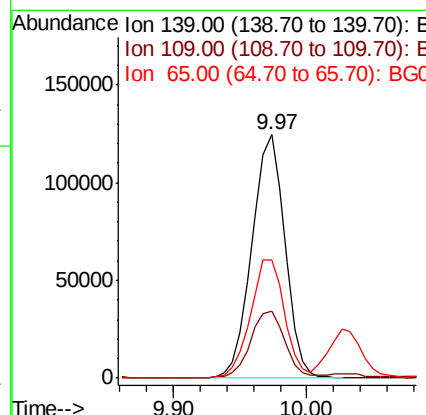
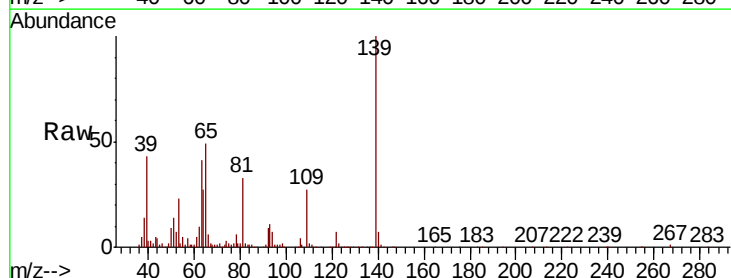
Manual Integrations
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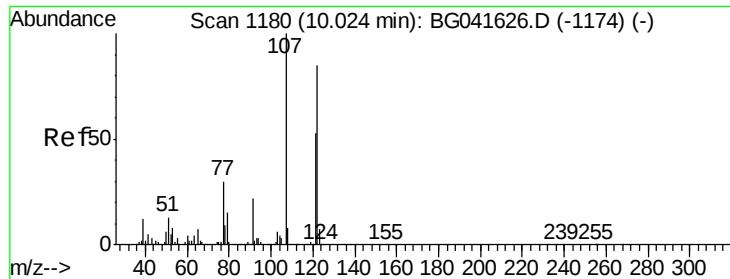
mohammad
7/12/2019 10:38:21 PM



#26
2-Nitrophenol
Concen: 9.532 ng
RT: 9.97 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.4	38.4	57.6
65	48.6	53.6	80.4





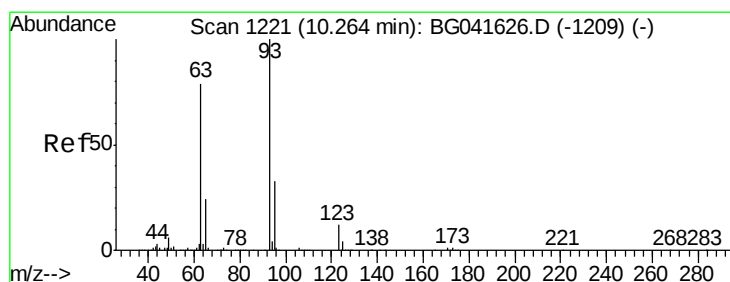
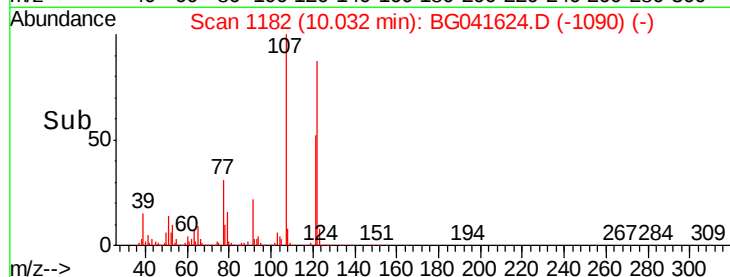
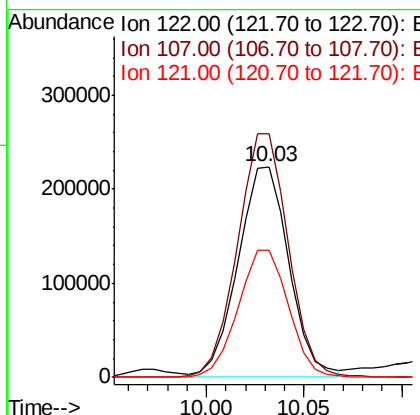
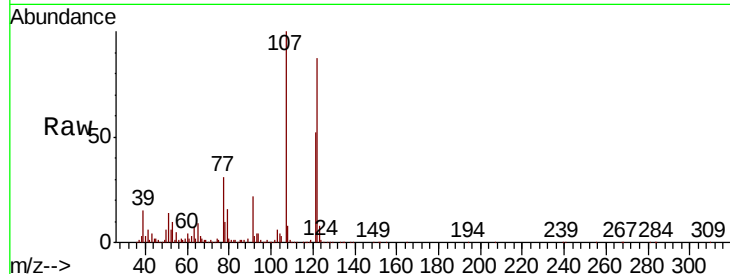
#27
2,4-Dimethylphenol
Concen: 12.099 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.6	115.1	172.7
121	60.3	50.1	75.1

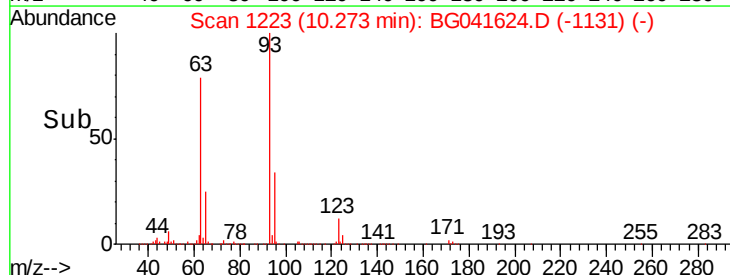
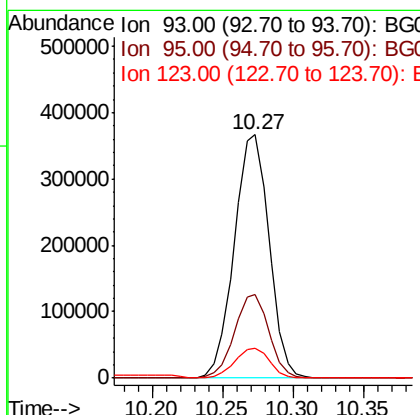
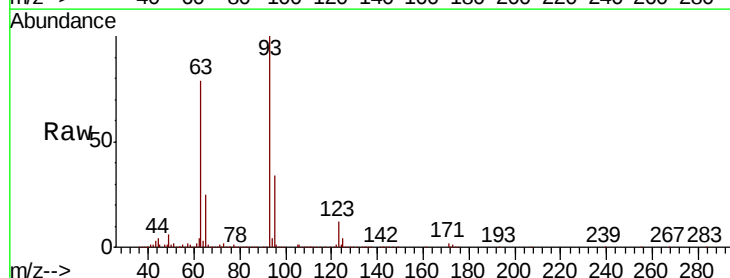
Manual Integrations
APPROVED

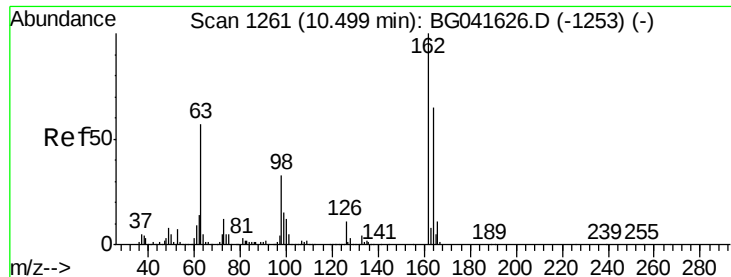
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 12.077 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	27.3	40.9
123	12.3	9.6	14.4





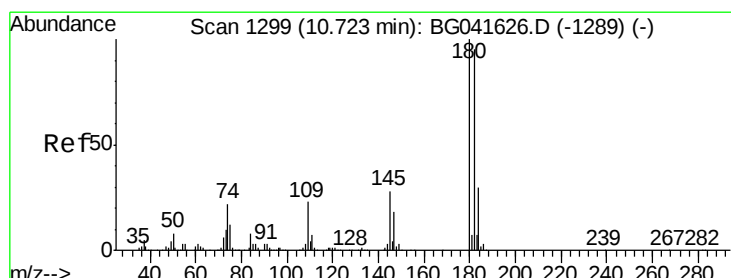
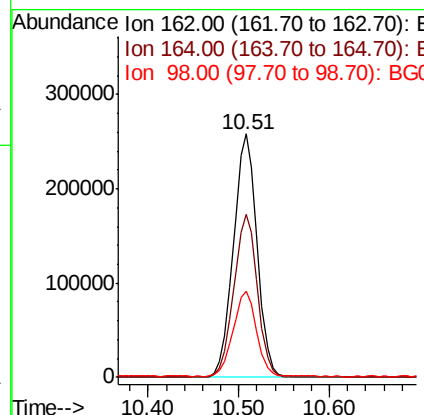
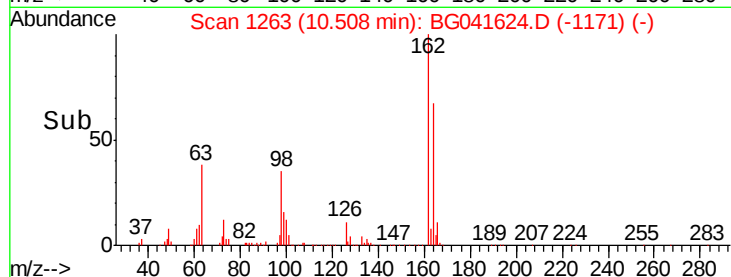
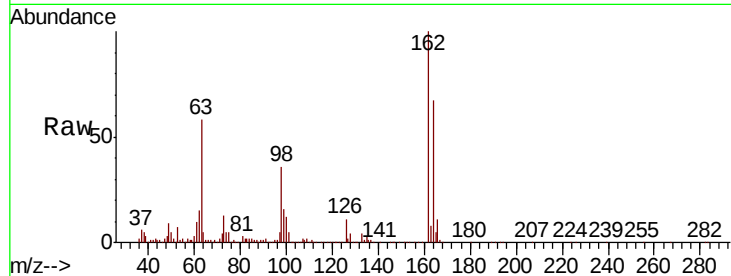
#29
2,4-Dichlorophenol
Concen: 11.293 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
162	100	467357		
164	66.8	46.0	86.0	
98	35.6	17.4	57.4	

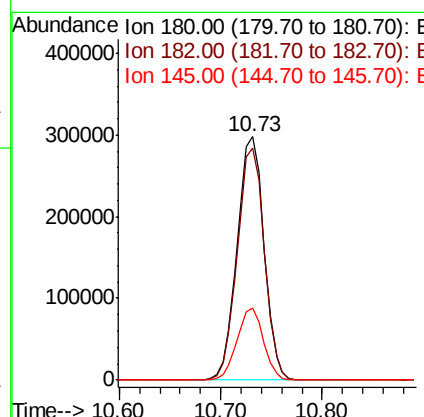
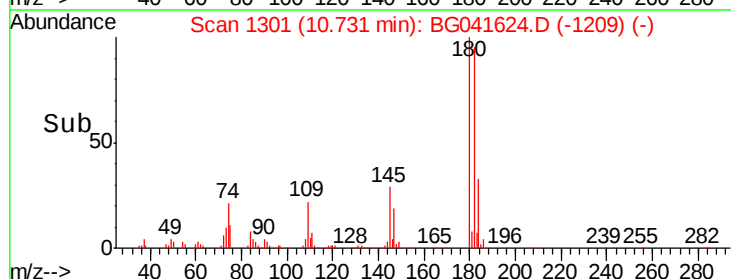
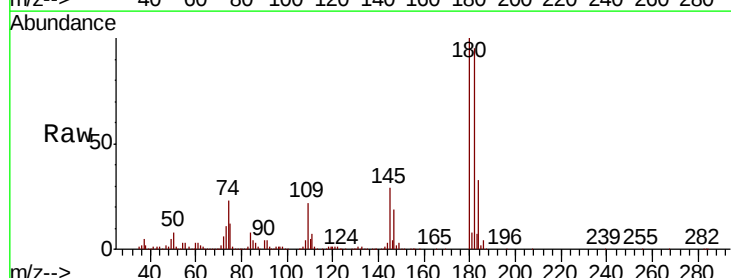
Manual Integrations
APPROVED

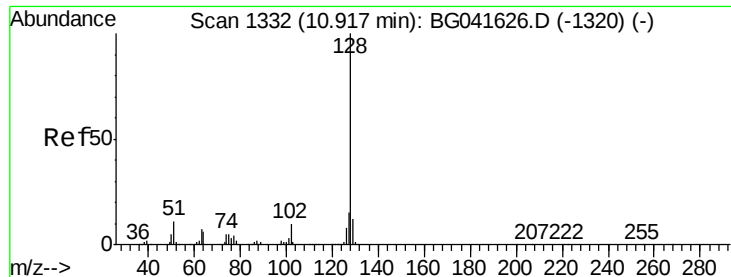
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#30
1,2,4-Trichlorobenzene
Concen: 10.352 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	548703		
182	95.1	78.6	117.8	
145	29.5	21.7	32.5	





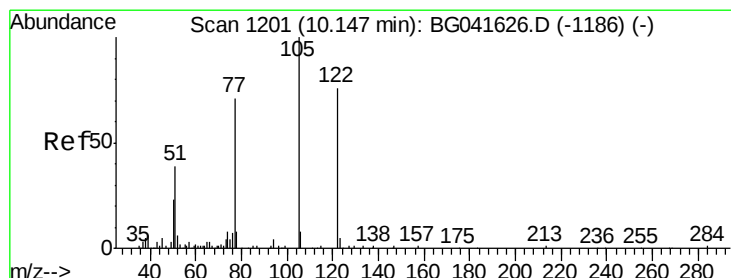
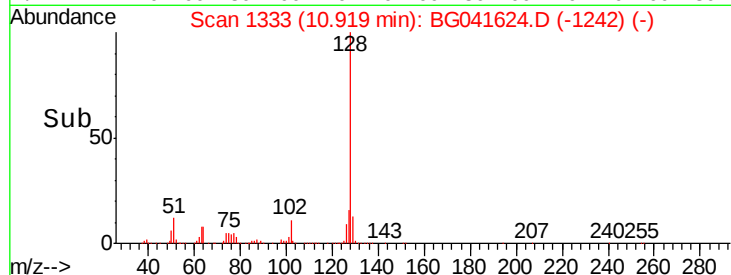
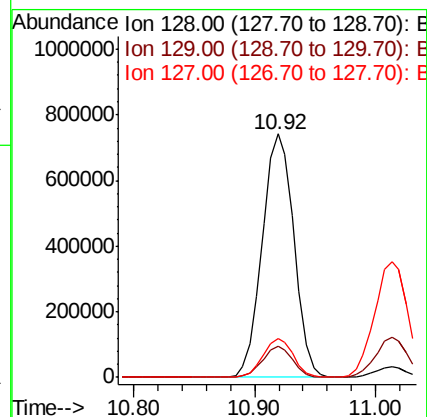
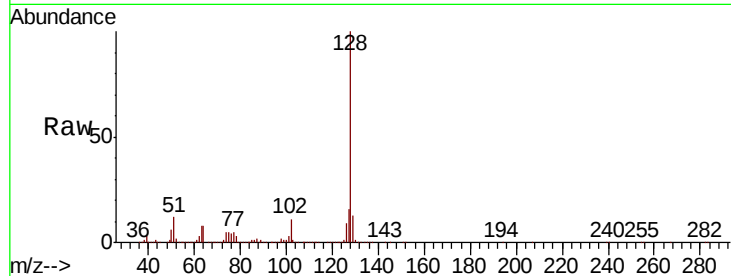
#31
Naphthalene
Concen: 10.844 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.4	14.0
127	15.8	11.2	16.8

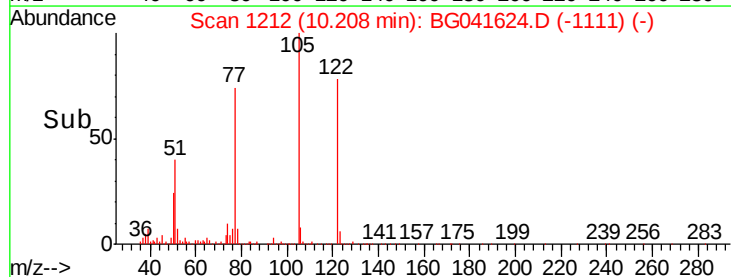
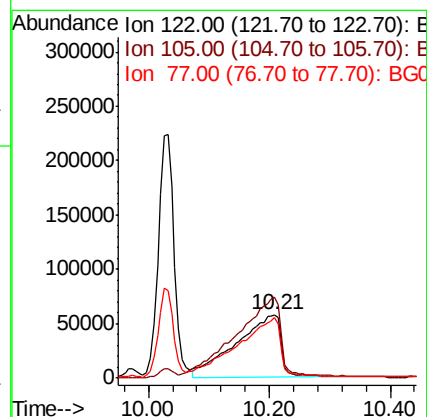
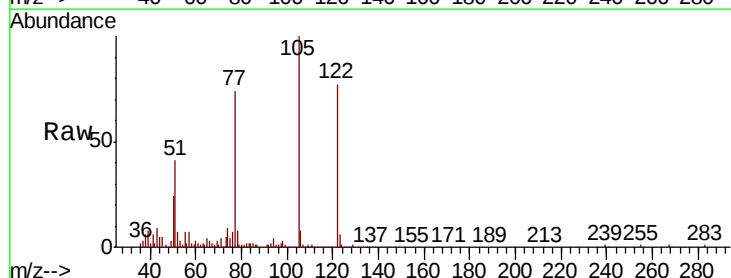
Manual Integrations
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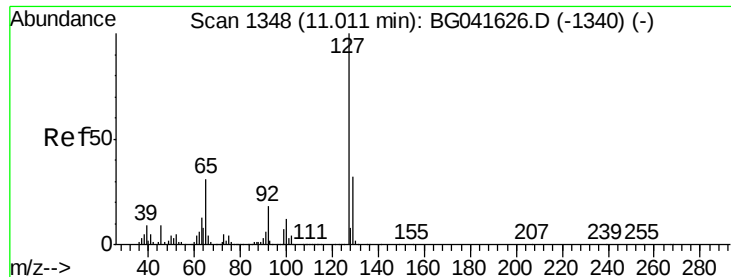
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#32
Benzoic acid
Concen: 13.686 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.06 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.3	124.2	164.2
77	96.3	97.2	137.2#





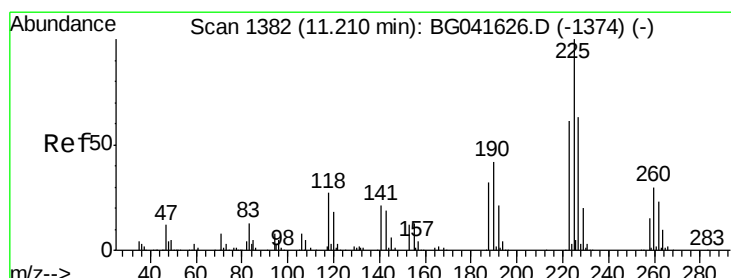
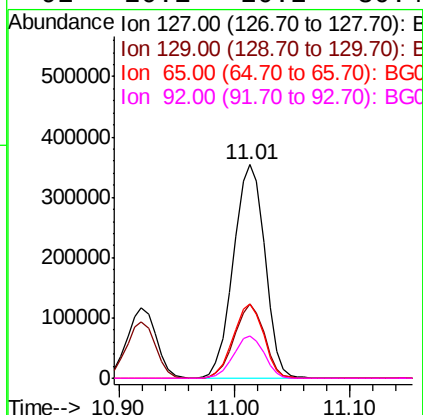
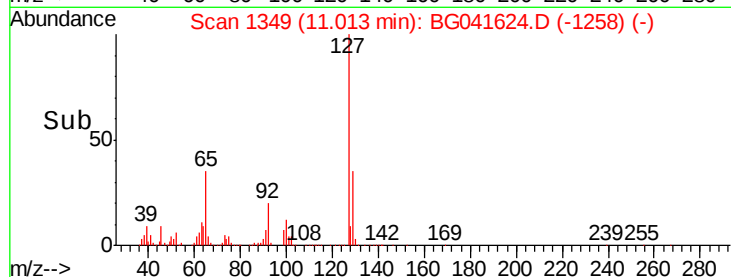
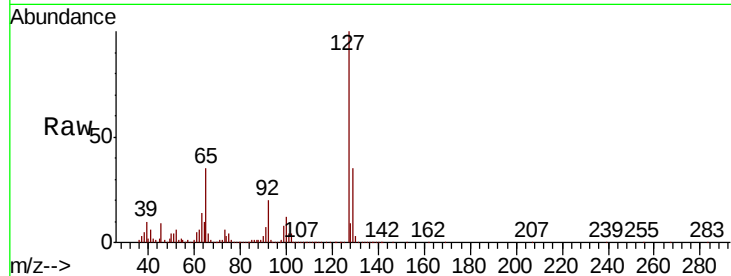
#33
4-Chloroaniline
Concen: 12.563 ng
RT: 11.01 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.7	25.8	38.8
65	35.0	33.8	50.8
92	20.1	20.2	30.4

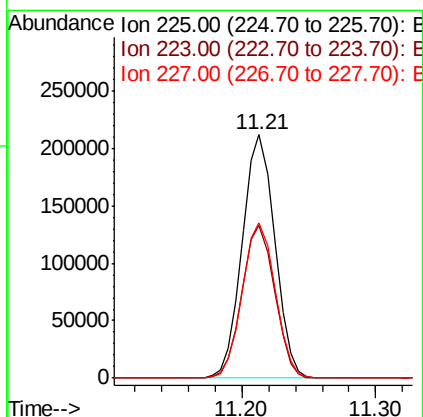
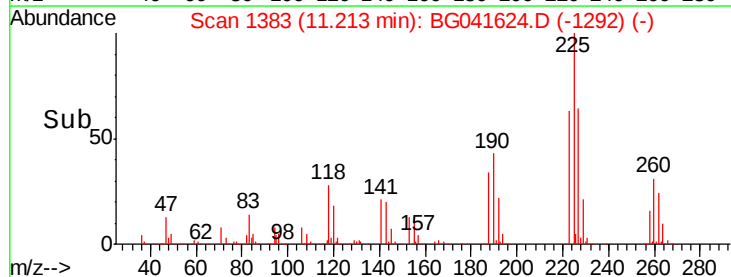
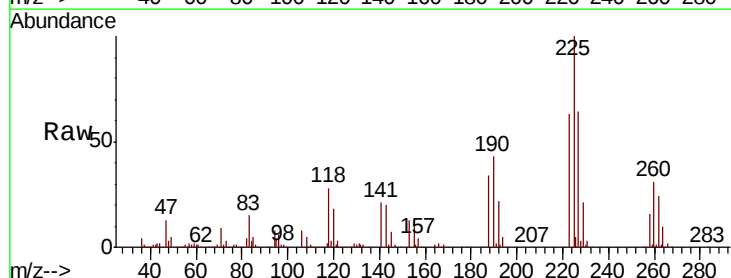
Manual Integrations
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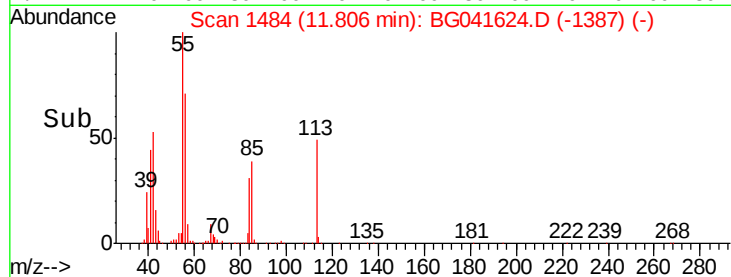
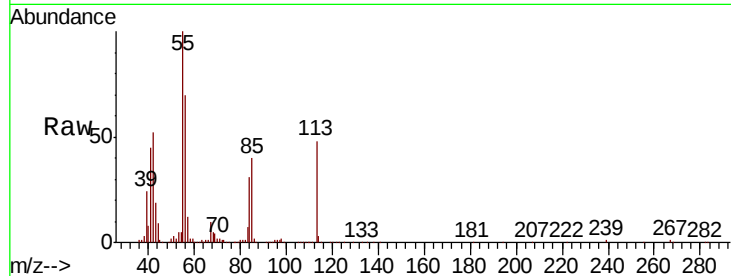
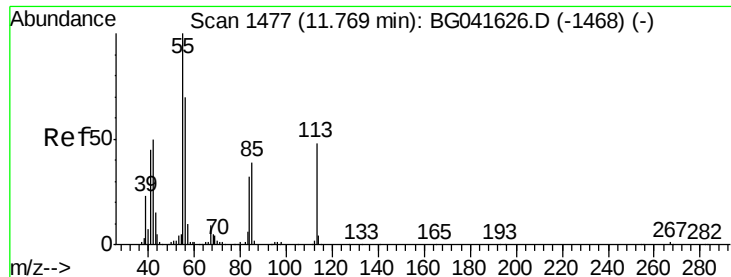
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#34
Hexachlorobutadiene
Concen: 8.499 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	52.5	78.7
227	63.8	50.2	75.2





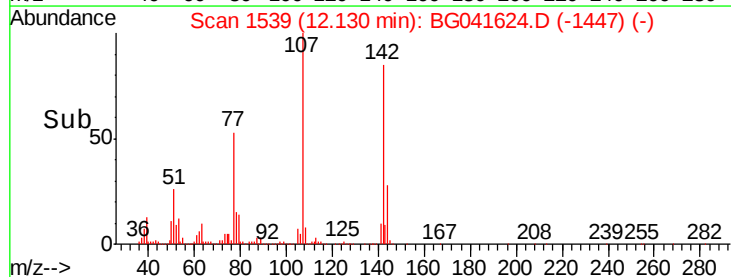
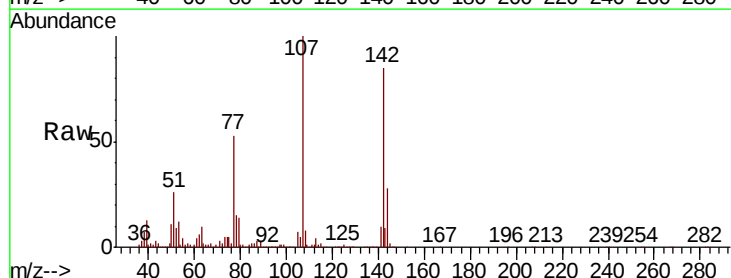
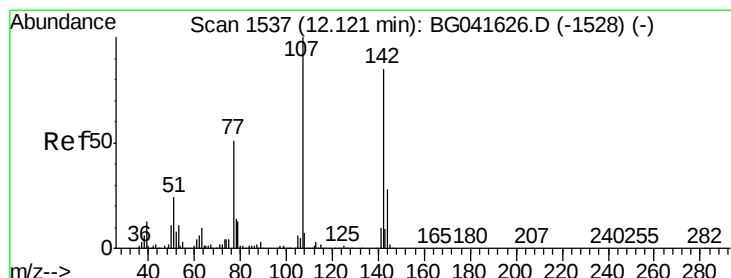
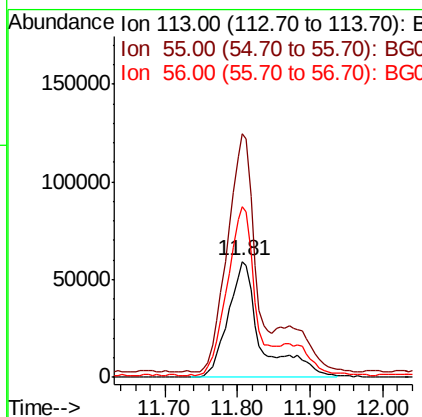
#35
Caprolactam
Concen: 13.168 ng/ml
RT: 11.81 min Scan# 1484
Delta R.T. 0.04 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleID :
SSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	210.1		182.6	222.6	
56	147.3		137.5	177.5	

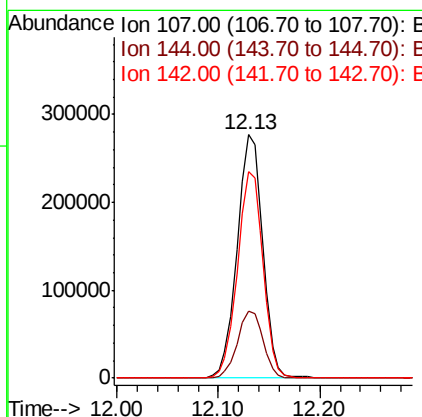
Manual Integrations
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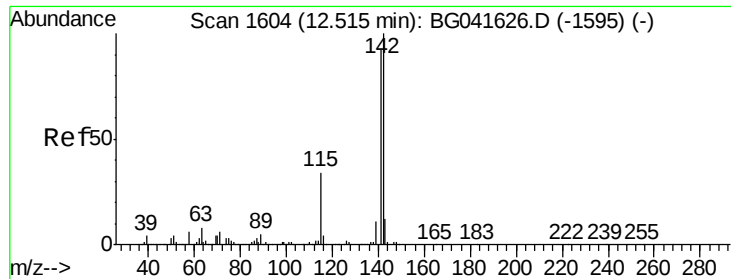
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#36
4-Chloro-3-methylphenol
Concen: 10.171 ng/ml
RT: 12.13 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.6		18.5	27.7	
142	84.9		56.3	84.5	





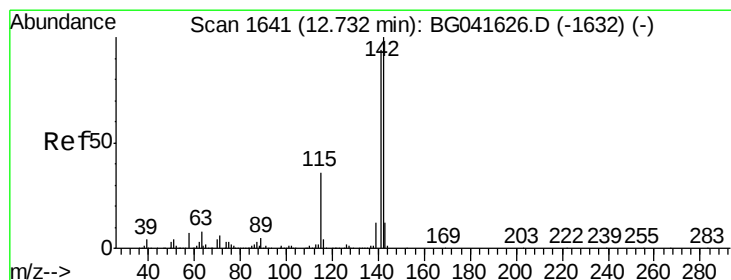
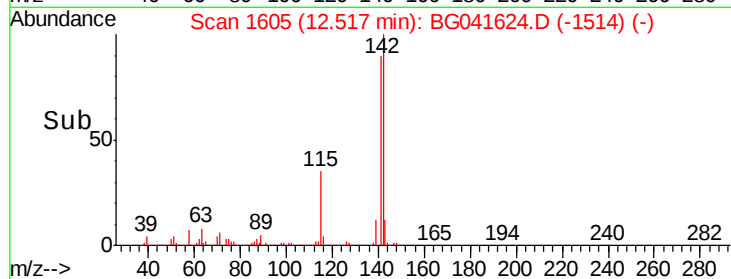
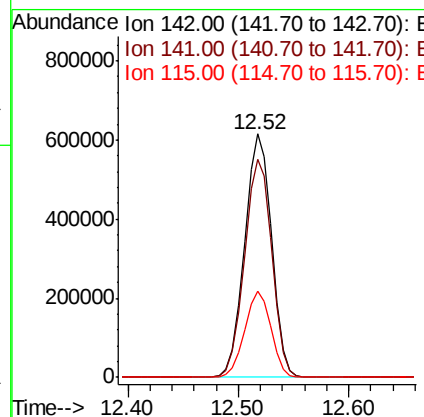
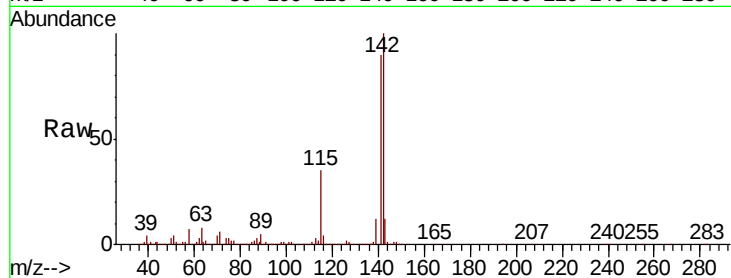
#37
2-Methylnaphthalene
Concen: 11.465 ng
RT: 12.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.5	107.3
115	35.5	37.0	55.6

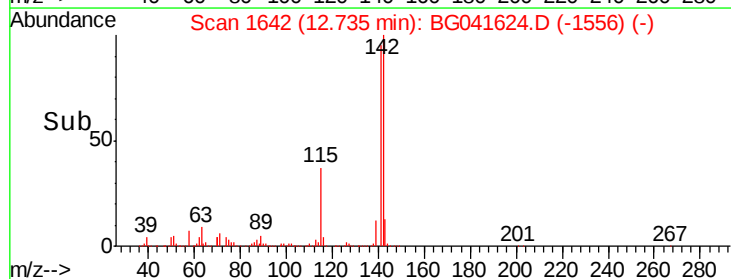
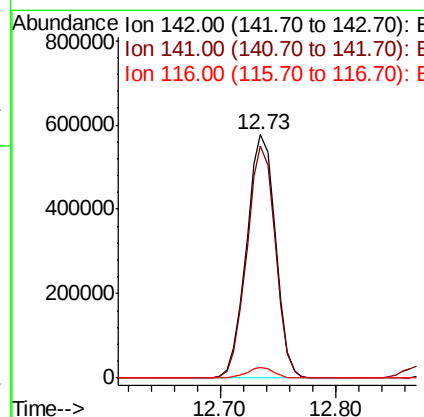
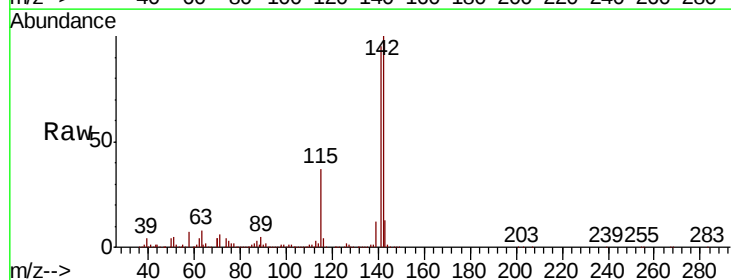
Manual Integrations
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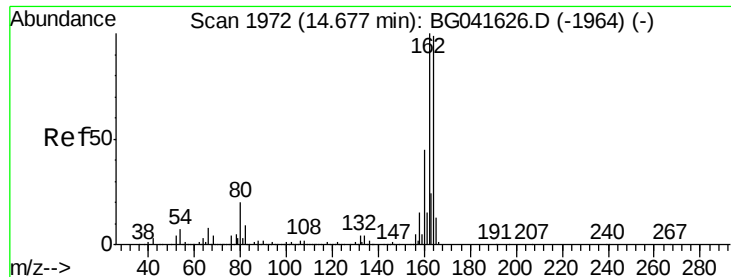
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#38
1-Methylnaphthalene
Concen: 11.400 ng
RT: 12.73 min Scan# 1642
Delta R.T. 0.00 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	75.0	112.6
116	4.2	4.2	6.2





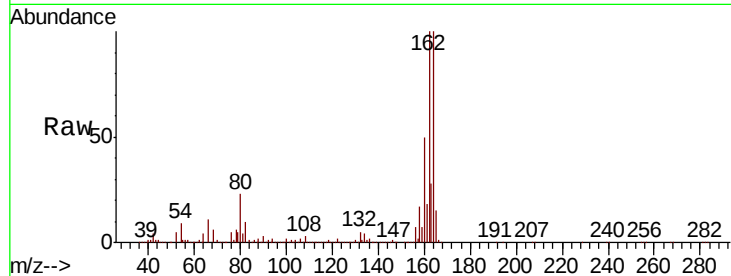
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.8	124.2
160	50.1	35.8	53.8

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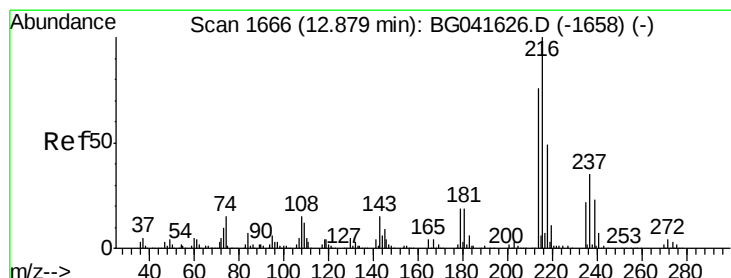
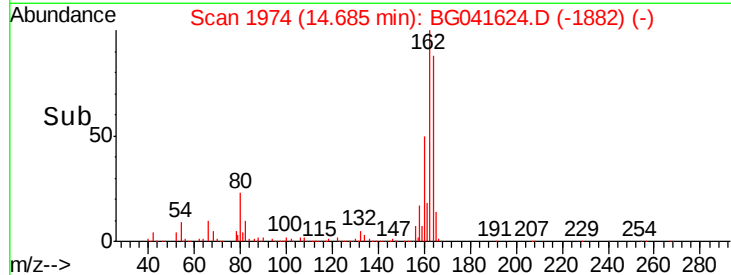
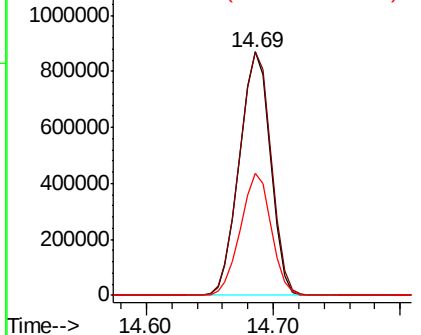


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.830 ng
RT: 12.88 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.8	94.2
179	20.5	15.2	22.8
108	16.5	12.4	18.6

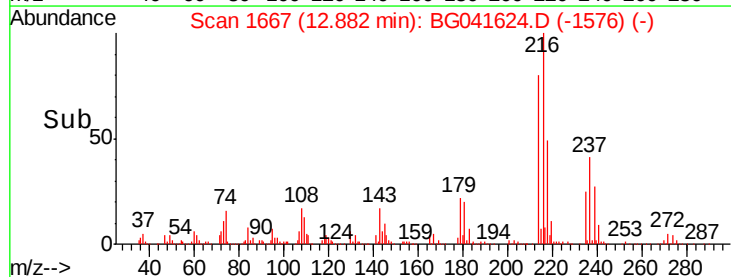
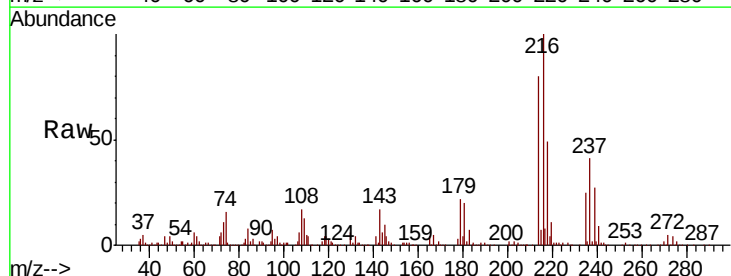
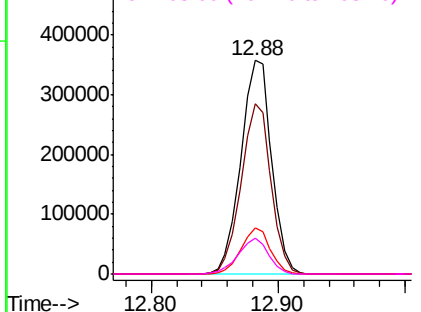
Abundance

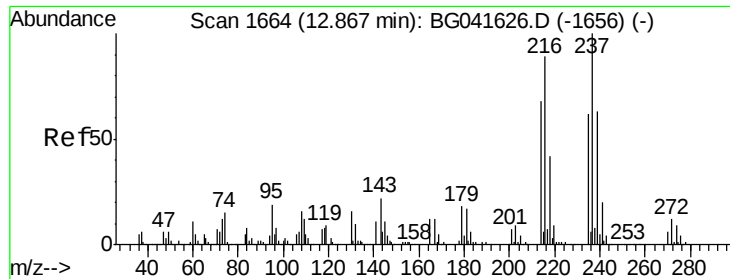
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 9.273 ng

RT: 12.87 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

Instrument :

BNA_G

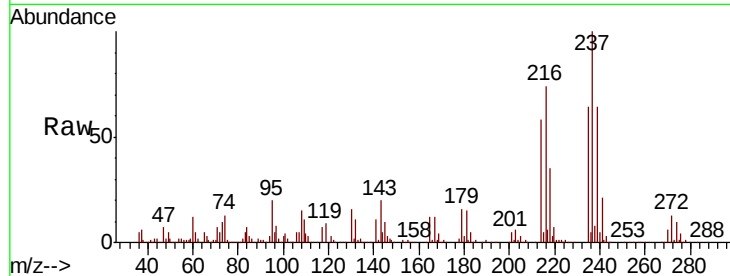
ClientSampleId :

SSTDIC010

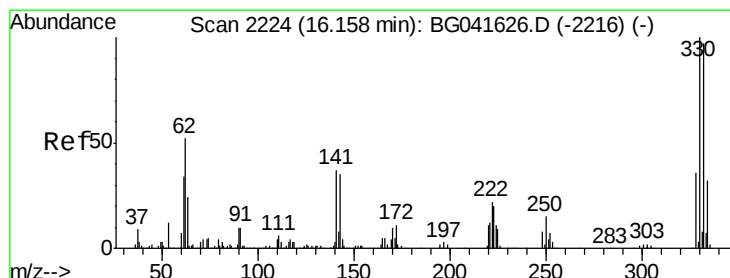
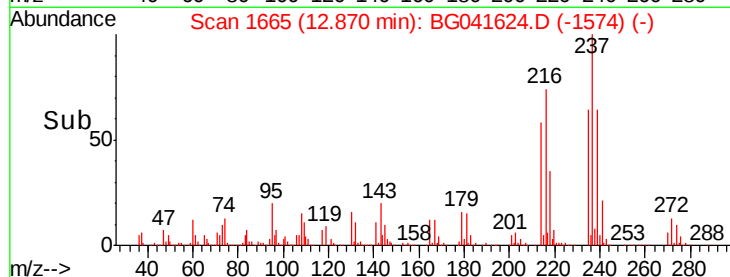
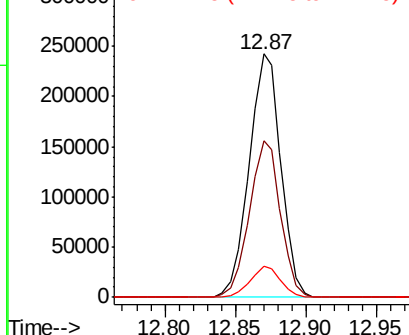
Tot Ion:	237	Resp:	381476
Ion Ratio	Lower	Upper	
237	100		
235	64.5	42.9	82.9
272	12.5	0.0	32.0

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



#42

2,4,6-Tribromophenol

Concen: 18.630 ng

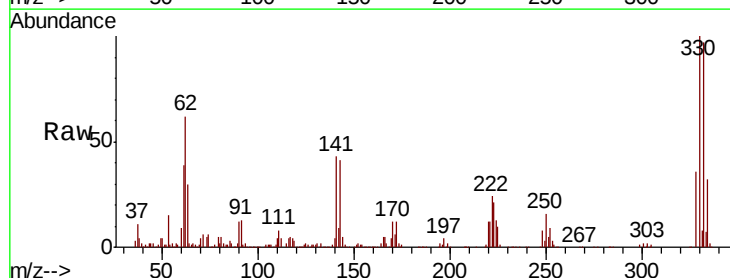
RT: 16.16 min Scan# 2225

Delta R.T. 0.00 min

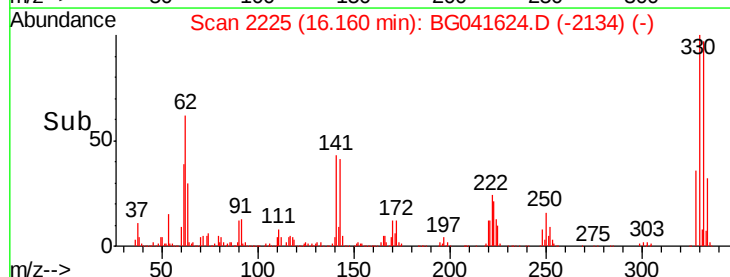
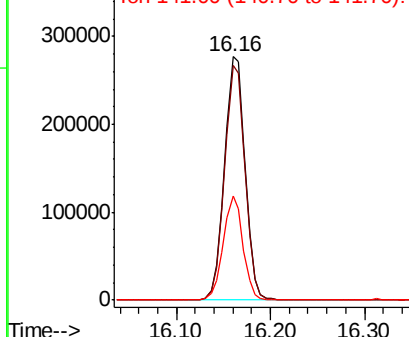
Lab File: BG041624.D

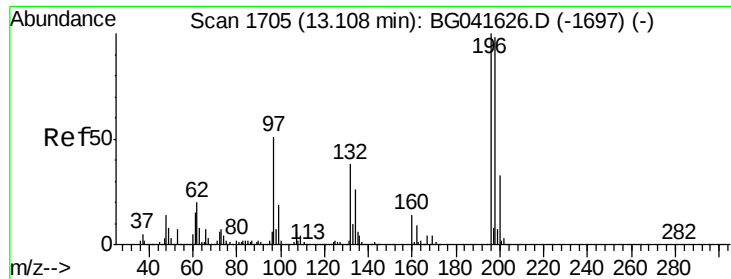
Acq: 11 Jul 2019 18:13

Tgt Ion:	330	Resp:	423016
Ion Ratio	Lower	Upper	
330	100		
332	95.7	75.5	113.3
141	41.2	29.0	43.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





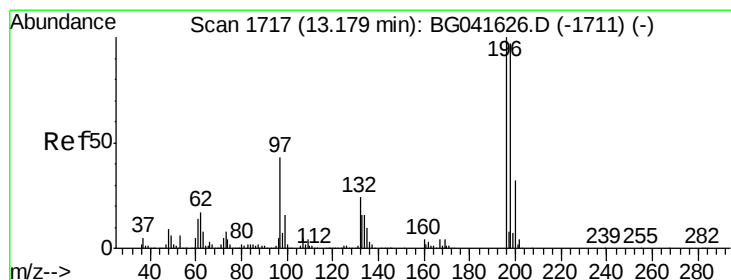
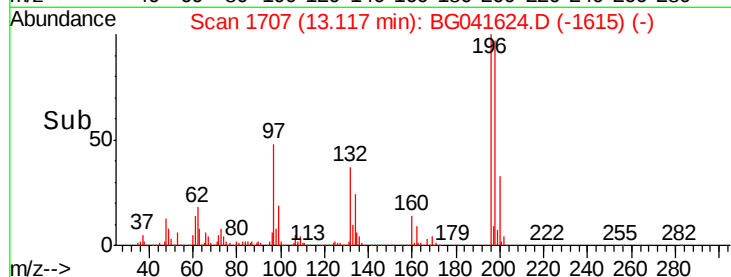
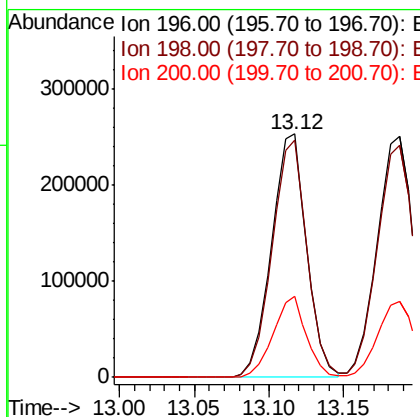
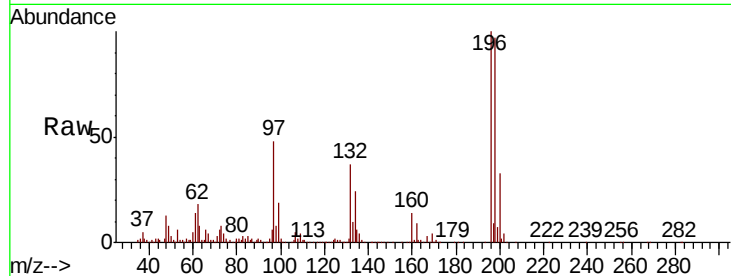
#43
2,4,6-Trichlorophenol
Concen: 10.957 ng
RT: 13.12 min Scan# 1707
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
196	100	413943		
198	97.4	74.9	112.3	
200	33.2	24.2	36.2	

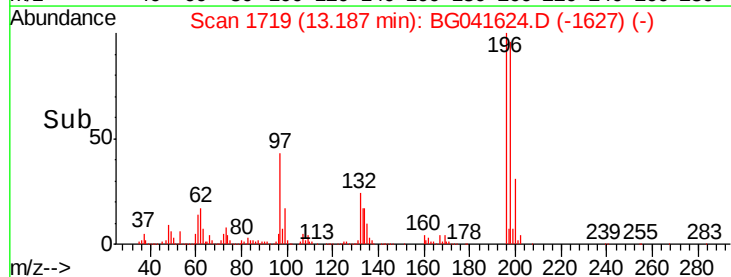
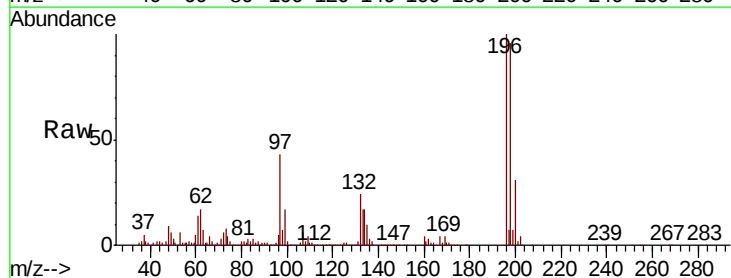
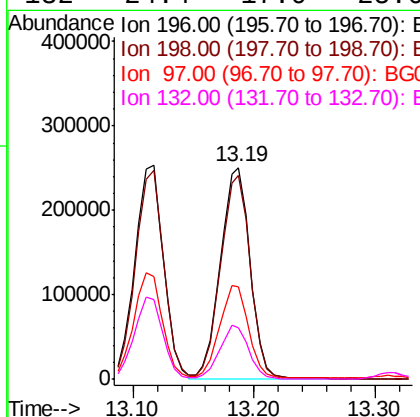
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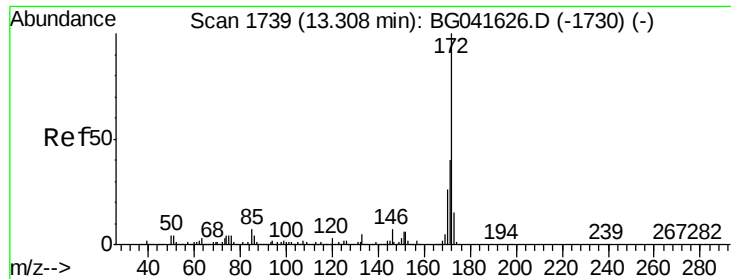
mohammad
7/12/2019 10:38:21 PM



#44
2,4,5-Trichlorophenol
Concen: 10.876 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	422792		
198	96.5	76.1	114.1	
97	43.4	35.9	53.9	
132	24.4	17.0	25.6	





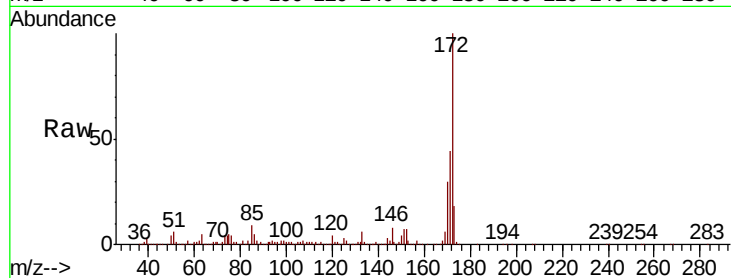
#45
2-Fluorobiphenyl
Concen: 19.527 ng
RT: 13.31 min Scan# 1740
Delta R.T. 0.00 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
172	100		
171	44.5	30.0	45.0
170	30.3	19.8	29.6

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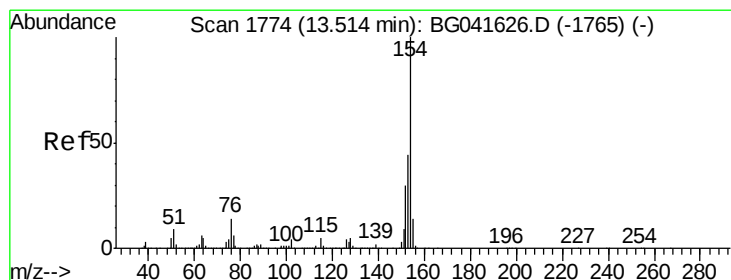
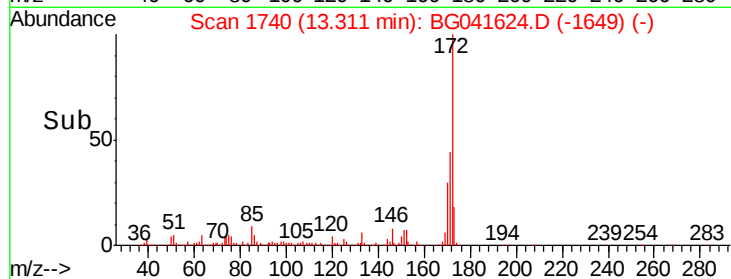
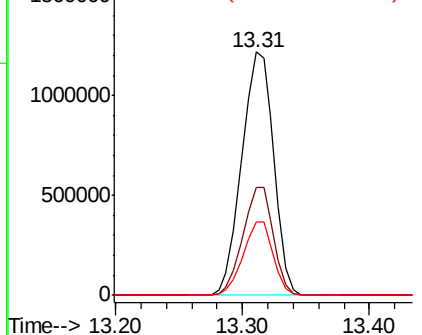


Abundance

Ion 172.00 (171.70 to 172.70): E

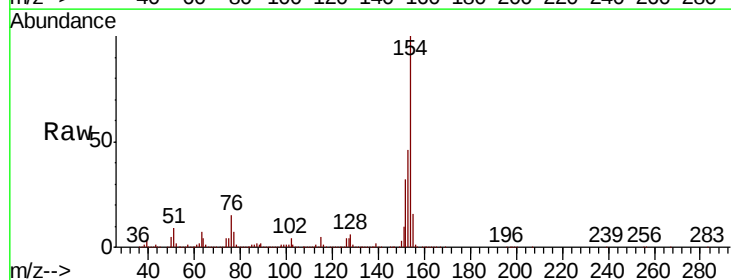
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 11.584 ng
RT: 13.52 min Scan# 1776
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	46.4	22.3	62.3
76	14.5	0.0	30.8

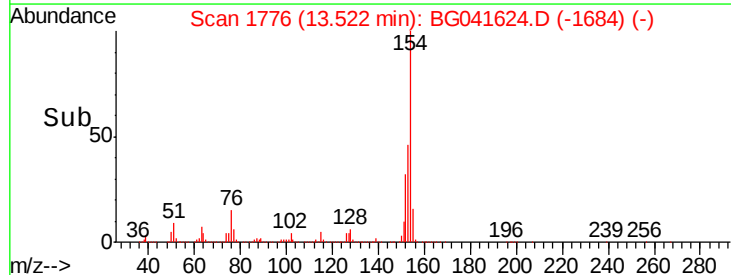
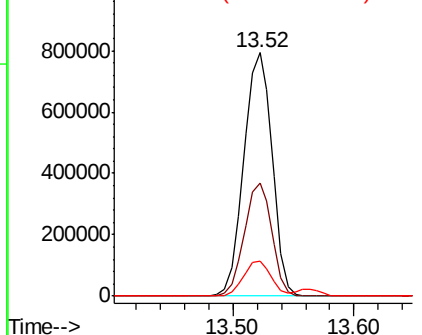


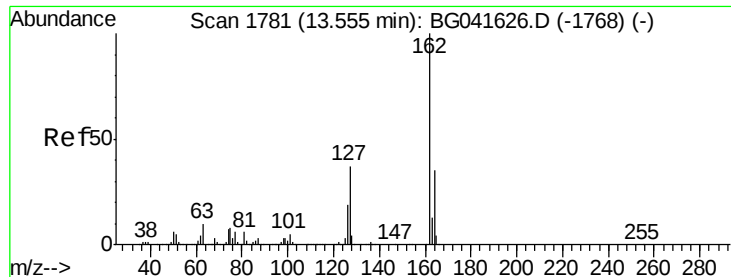
Abundance

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): BG





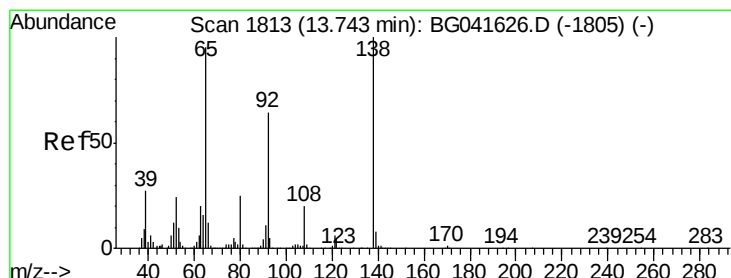
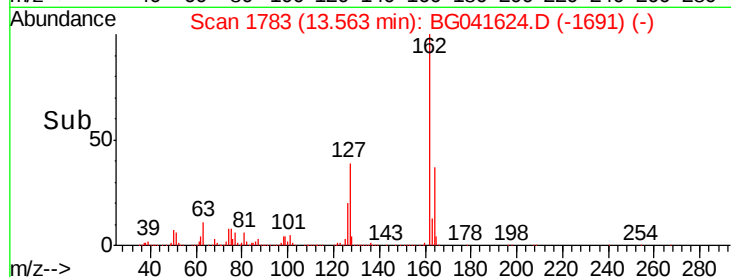
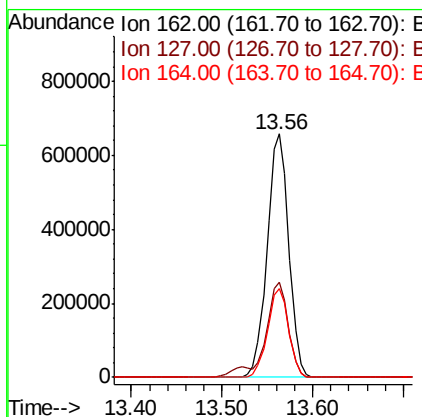
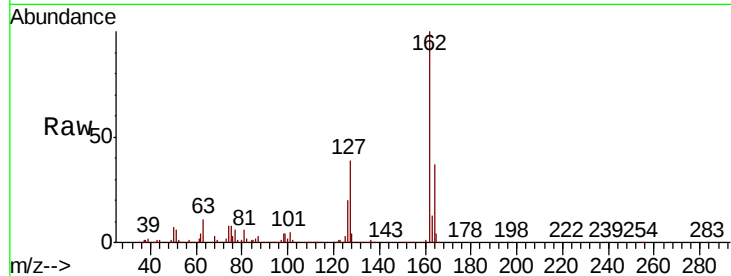
#47
2-Chloronaphthalene
Concen: 11.327 ng
RT: 13.56 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.0	46.4
164	36.6	26.1	39.1

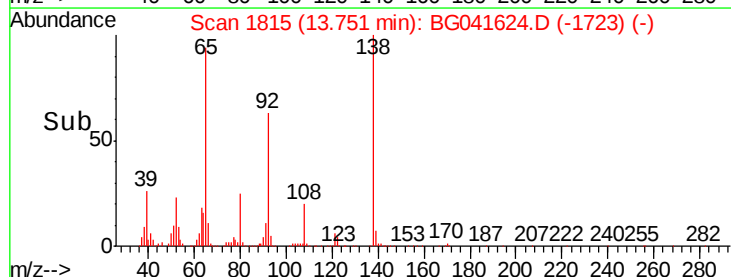
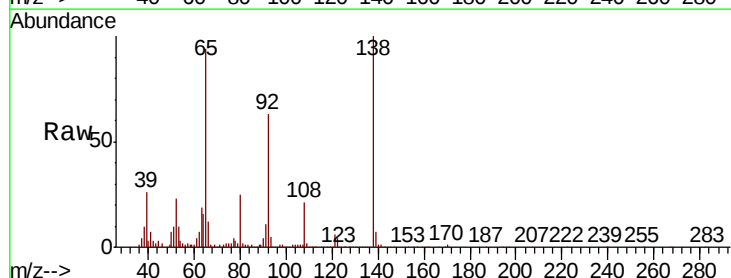
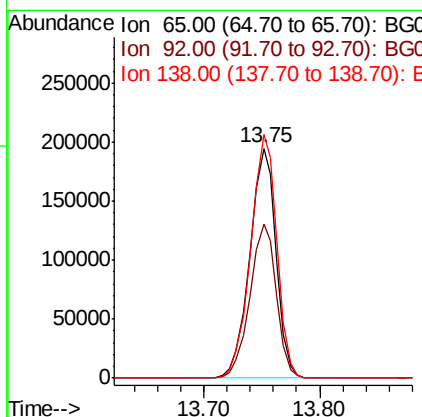
Manual Integrations
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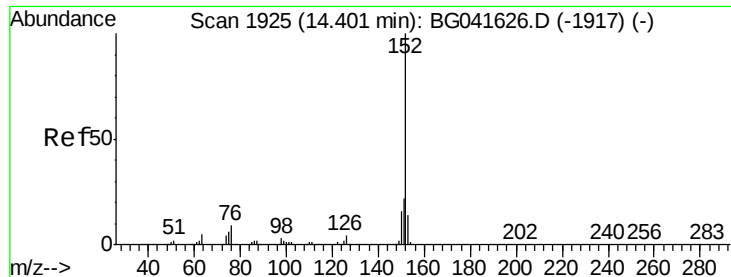
mohammad
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#48
2-Nitroaniline
Concen: 8.742 ng
RT: 13.75 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	47.4	71.2
138	106.1	64.7	97.1





#49

Acenaphthylene

Concen: 11.083 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

Instrument :

BNA_G

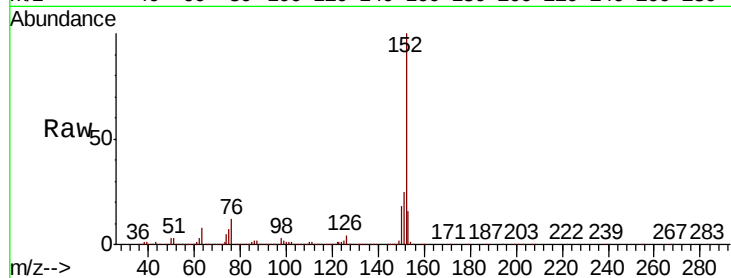
ClientSampleId :

SSTDIC010

Tot Ion:	152	Resp:	1618919
Ion	Ratio	Lower	Upper
152	100		
151	25.1	16.8	25.2
153	15.8	10.8	16.2

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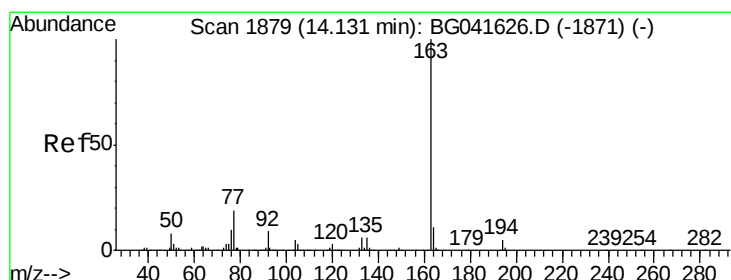
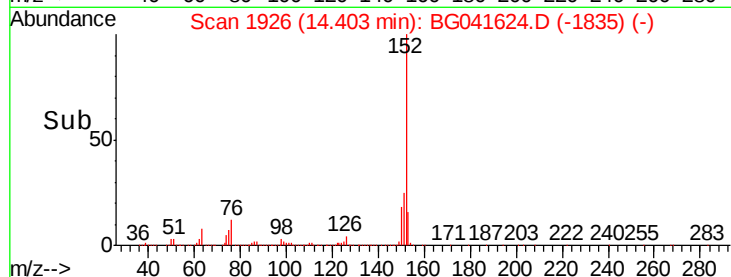
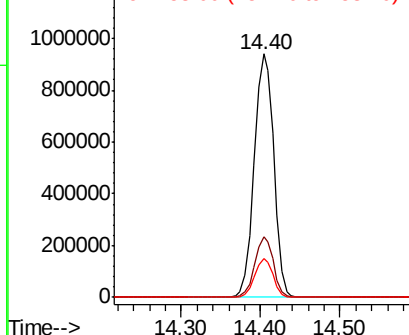


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 10.375 ng

RT: 14.14 min Scan# 1882

Delta R.T. 0.01 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

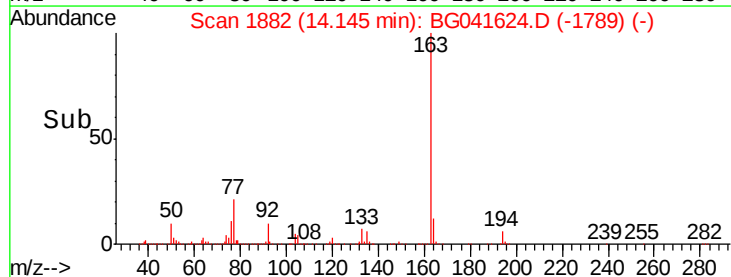
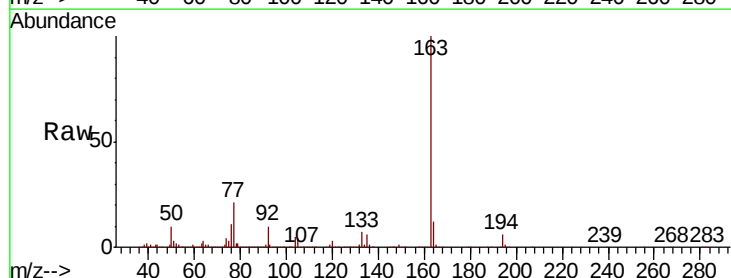
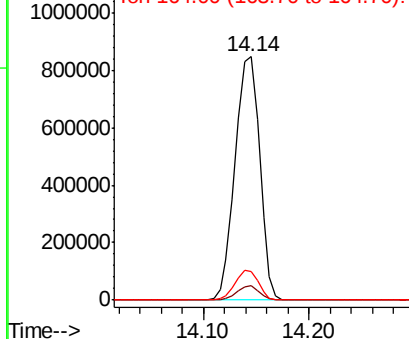
Tgt Ion:	163	Resp:	1365260
Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.9	5.9
164	11.8	8.3	12.5

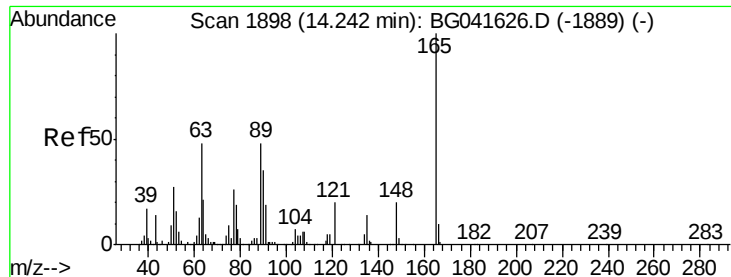
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 10.053 ng

RT: 14.25 min Scan# 1900

Delta R.T. 0.01 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

Instrument :

BNA_G

ClientSampled :

SSTDICC010

Tot Ion:165 Resp: 278952
Ion Ratio Lower Upper

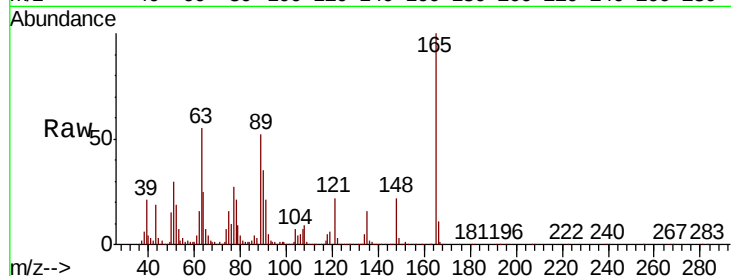
165 100

63 55.1 55.4 83.0#

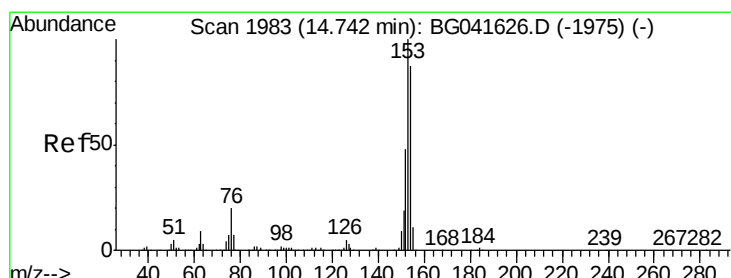
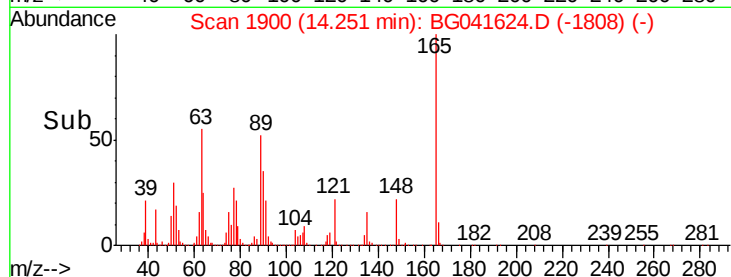
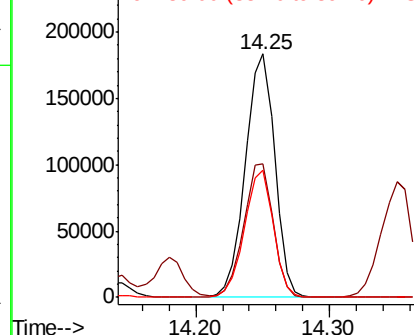
89 52.4 56.5 84.7#

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 12.304 ng

RT: 14.75 min Scan# 1985

Delta R.T. 0.01 min

Lab File: BG041624.D

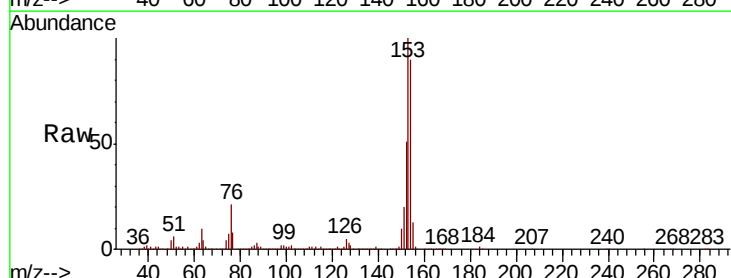
Acq: 11 Jul 2019 18:13

Tgt Ion:154 Resp: 1055401
Ion Ratio Lower Upper

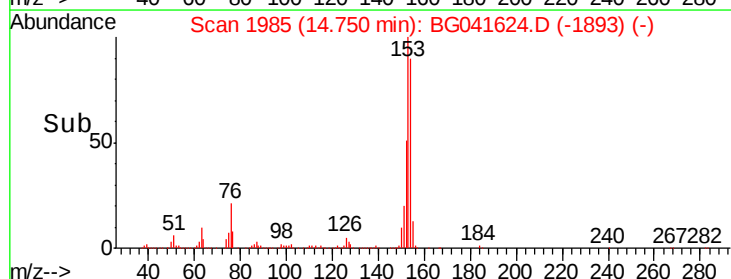
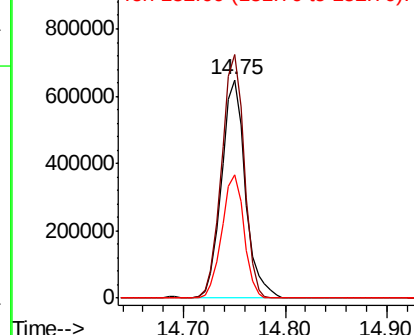
154 100

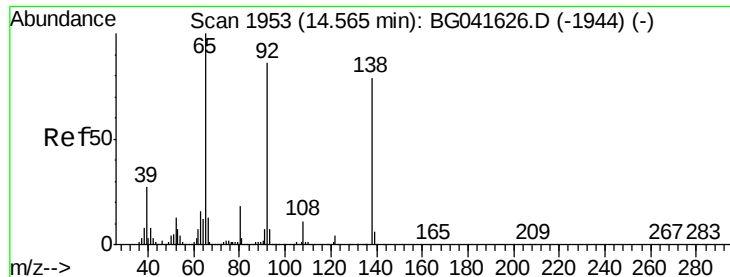
153 111.4 96.6 145.0

152 56.4 45.5 68.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





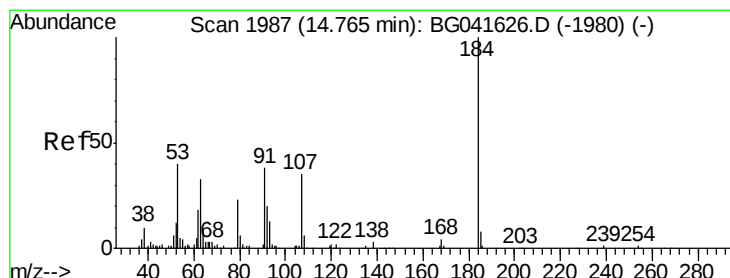
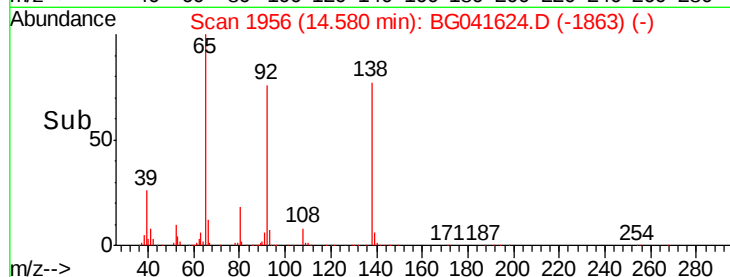
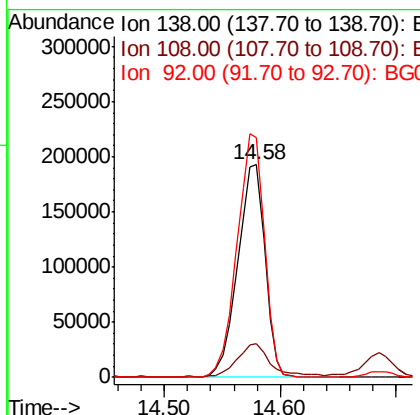
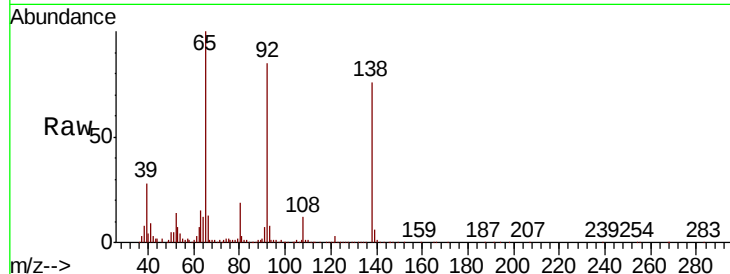
#53
3-Nitroaniline
Concen: 11.572 ng
RT: 14.58 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
138	100		
108	15.9	8.3	12.5#
92	112.5	100.2	150.4

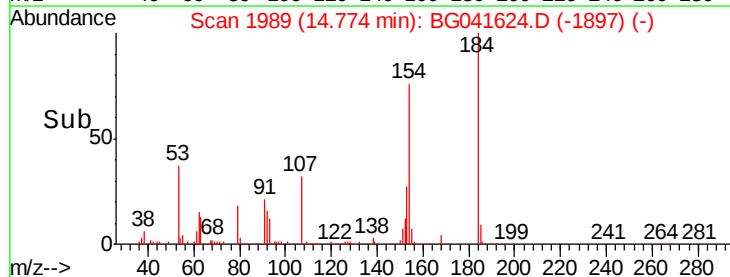
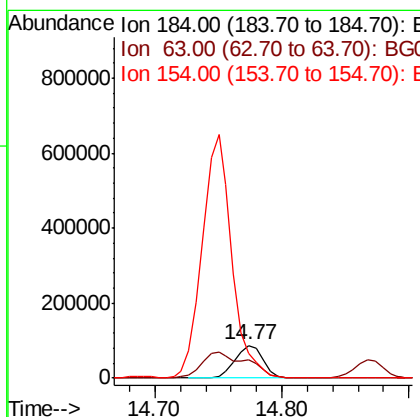
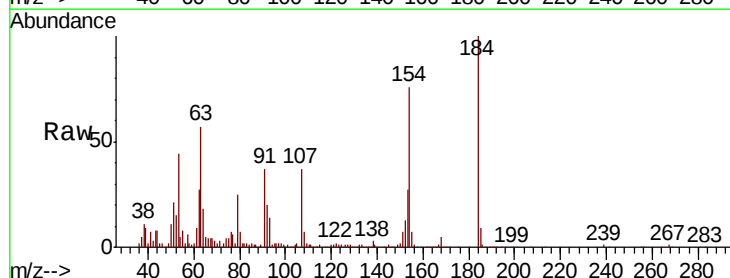
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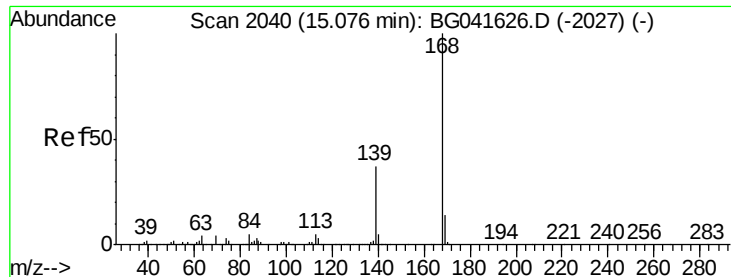
mohammad
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#54
2,4-Dinitrophenol
Concen: 7.450 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.2	60.0	90.0#
154	76.4	58.3	87.5





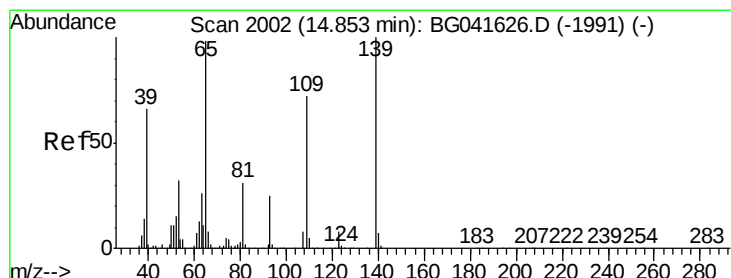
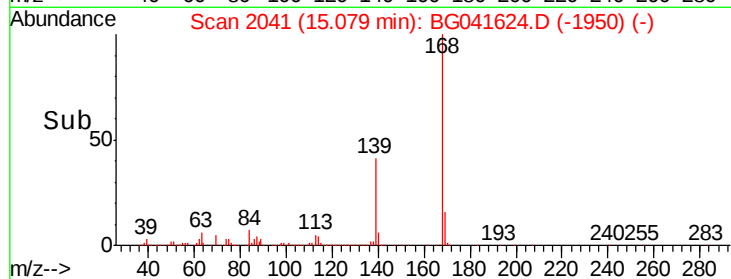
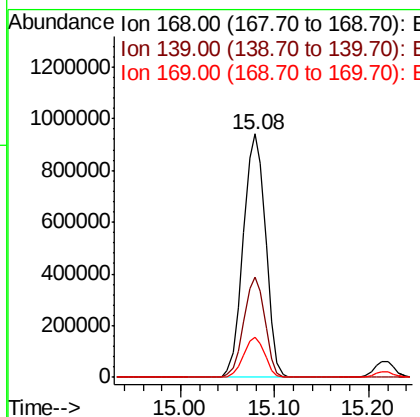
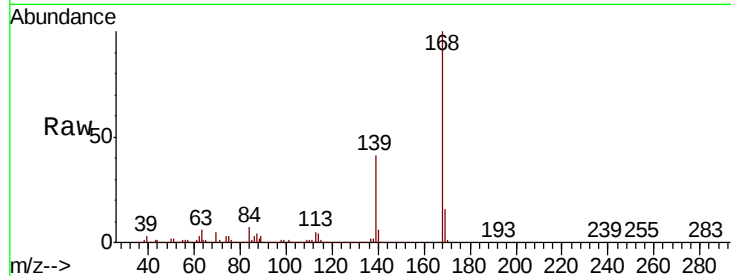
#55
Dibenzofuran
Concen: 10.341 ng
RT: 15.08 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	33.6	50.4
169	16.3	10.8	16.2#

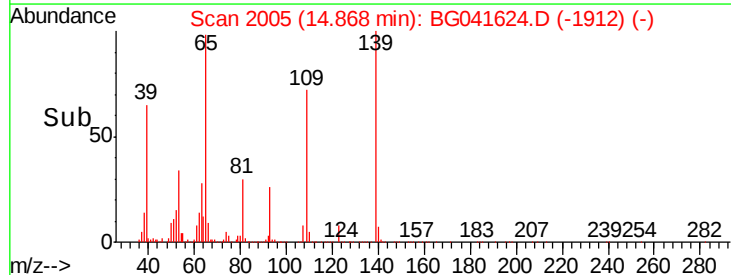
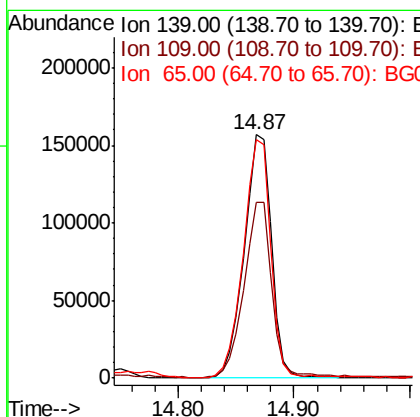
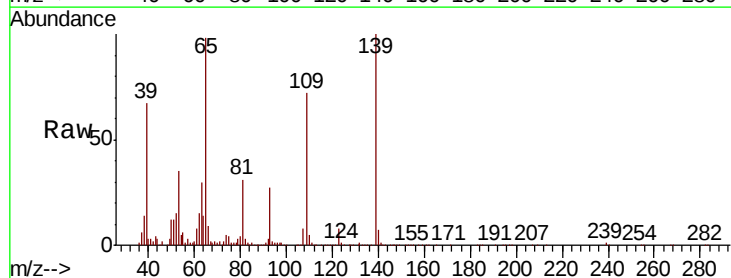
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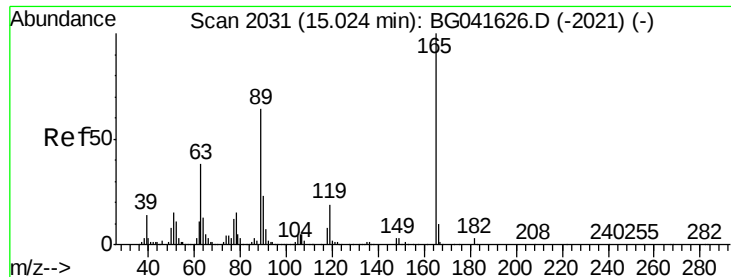
mohammad
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#56
4-Nitrophenol
Concen: 13.593 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.1	93.2	133.2#
65	98.0	110.2	150.2#





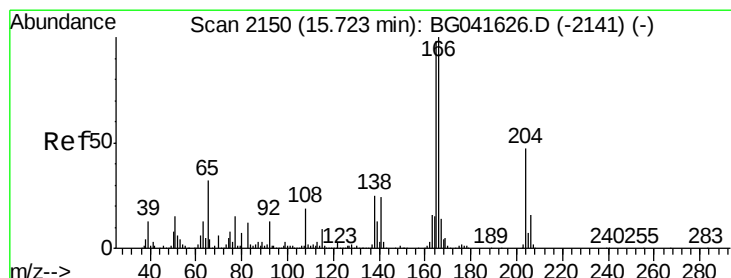
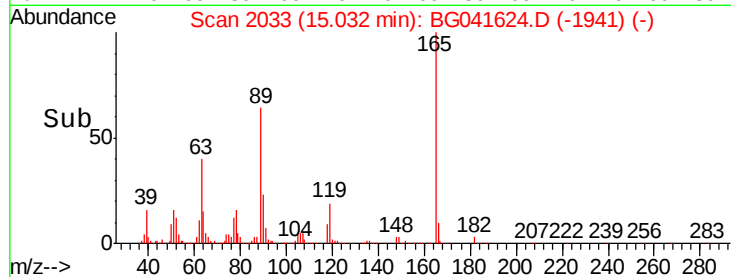
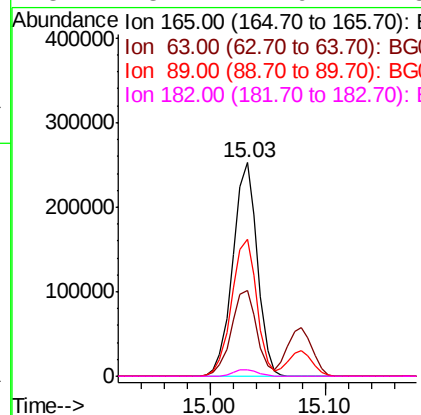
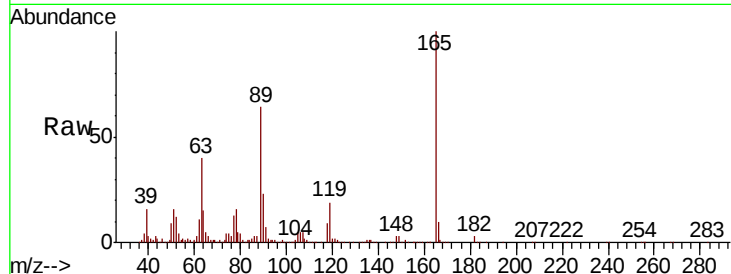
#57
 2,4-Dinitrotoluene
 Concen: 9.135 ng
 RT: 15.03 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BG041624.D
 Acq: 11 Jul 2019 18:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
165	100	370517		
63	40.2		40.0	60.0
89	64.0		64.6	96.8
182	3.2		2.9	4.3

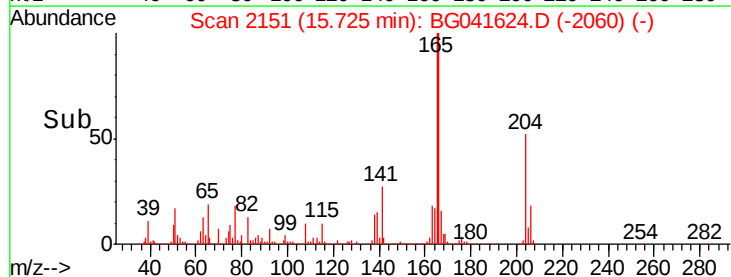
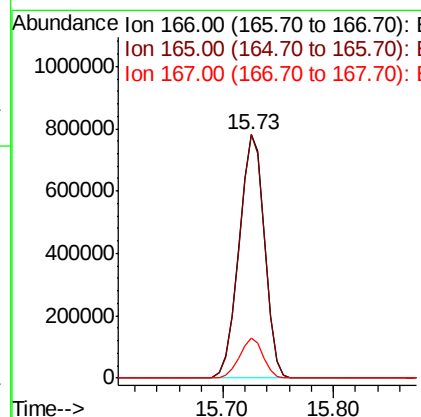
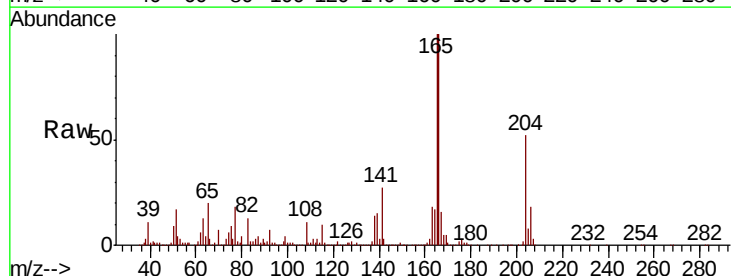
Manual Integrations
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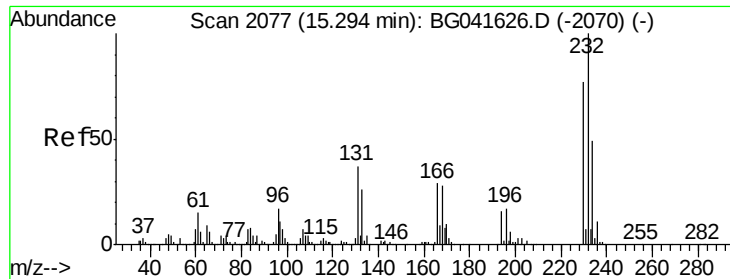
mohammad
 7/12/2019 10:38:21 PM



#58
 Fluorene
 Concen: 10.763 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BG041624.D
 Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1262693		
165	100.1		78.8	118.2
167	16.3		11.3	16.9





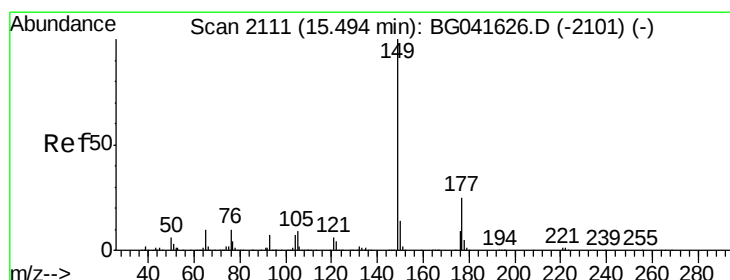
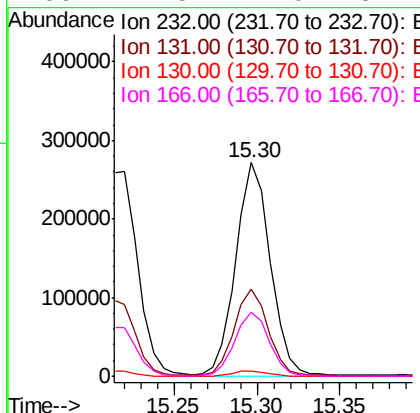
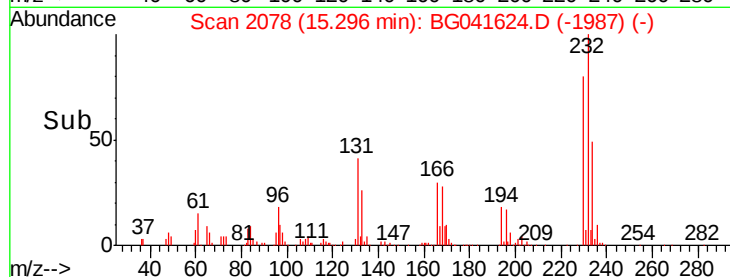
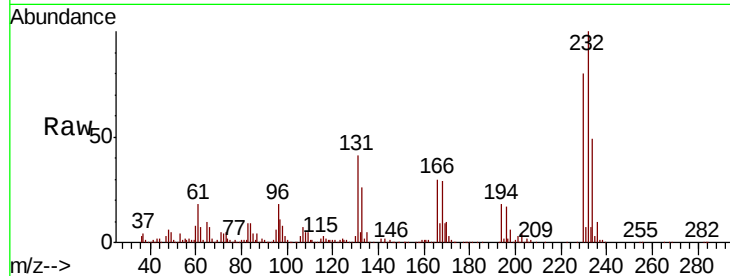
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.856 ng m
 RT: 15.30 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: BG041624.D
 Acq: 11 Jul 2019 18:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
232	100	396221		
131	36.6	29.0	43.6	
130	2.4	1.6	2.4	
166	24.5	21.0	31.4	

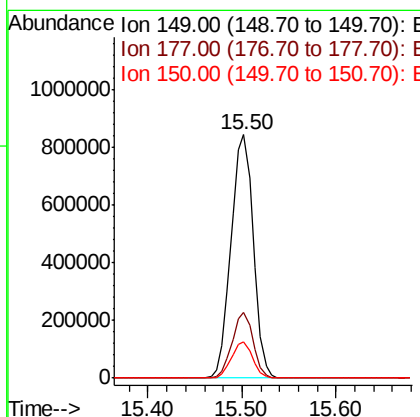
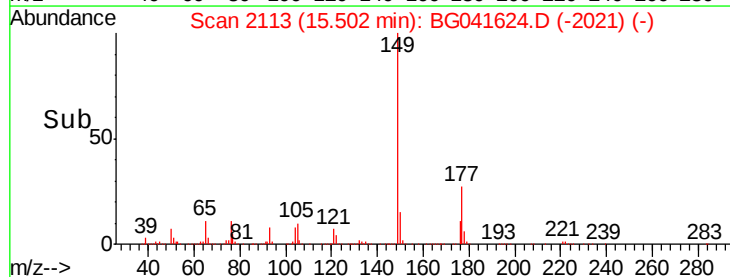
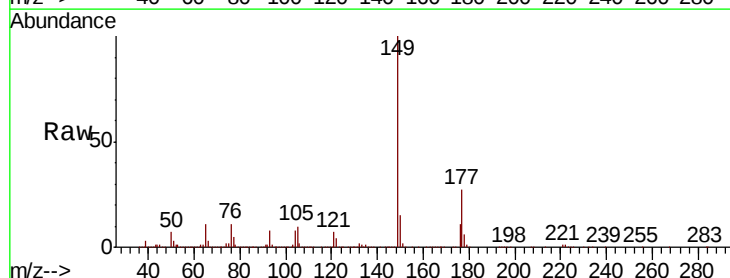
Manual Integrations
 APPROVED

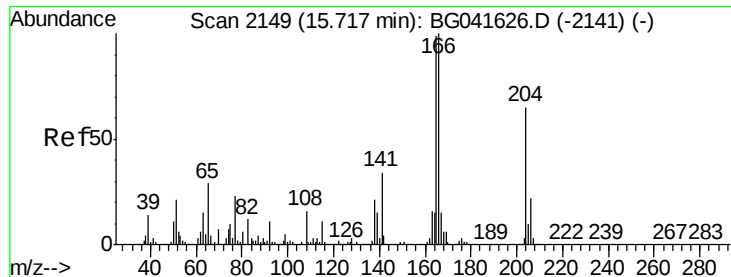
mohammad
 7/12/2019 10:38:21 PM



#60
 Diethylphthalate
 Concen: 10.360 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. 0.01 min
 Lab File: BG041624.D
 Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1385651		
177	26.8	18.4	27.6	
150	14.8	9.9	14.9	





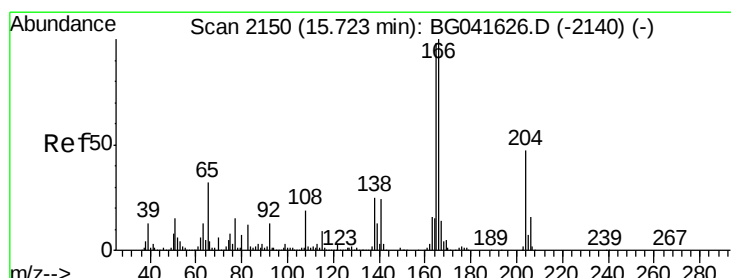
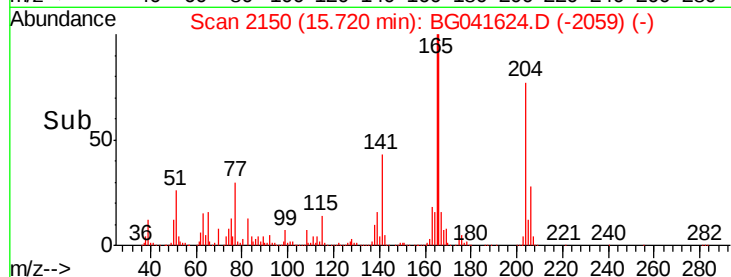
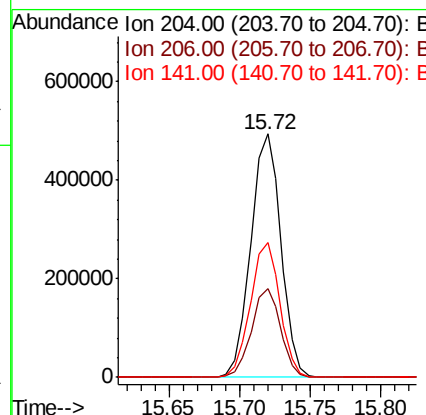
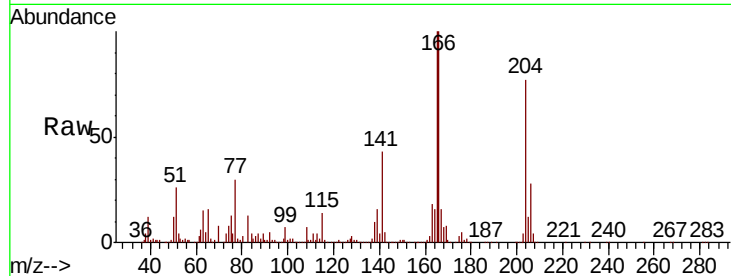
#61
4-Chlorophenyl-phenylether
Concen: 9.694 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
204	100	739927		
206	36.4	27.9	41.9	
141	55.6	41.4	62.0	

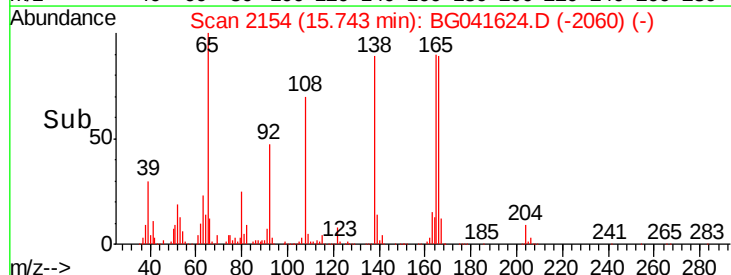
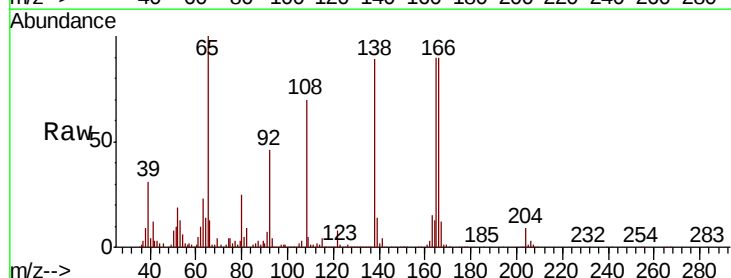
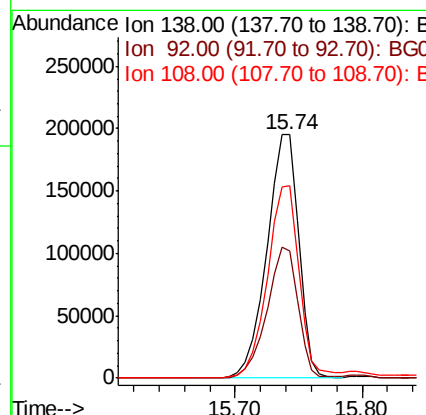
Manual Integrations
APPROVED

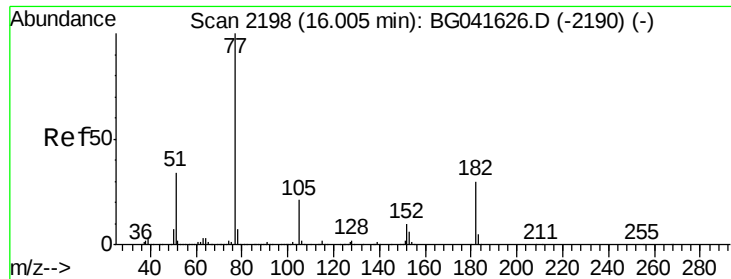
mohammad
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#62
4-Nitroaniline
Concen: 11.667 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.02 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	341141		
92	52.2	38.8	78.8	
108	78.8	103.4	143.4	





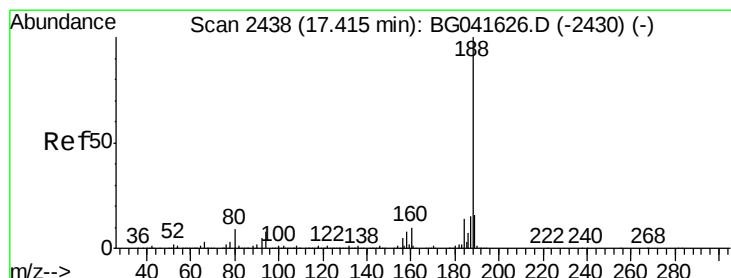
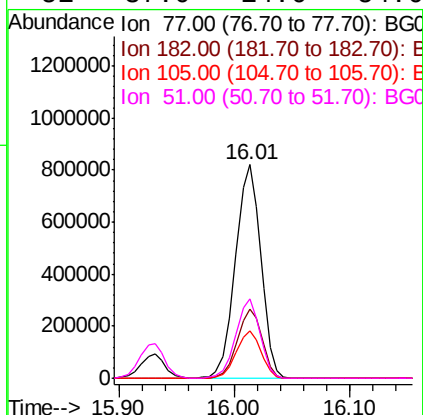
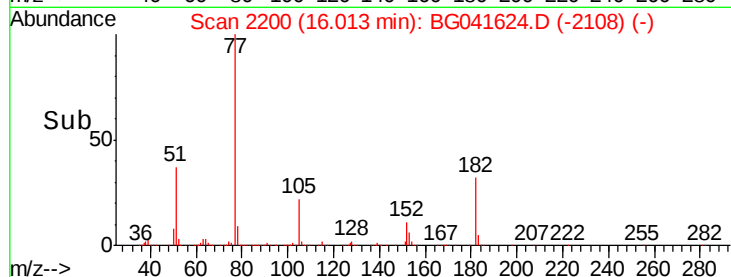
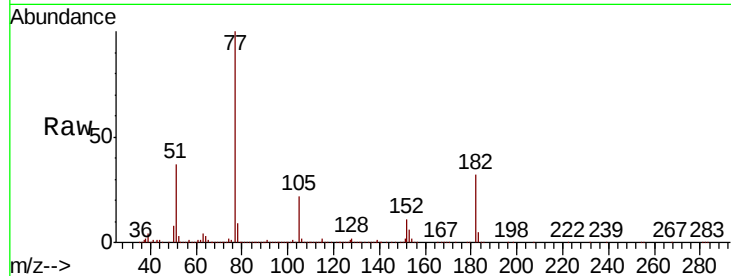
#63
Azobenzene
Concen: 10.449 ng
RT: 16.01 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.2	7.5	47.5
105	22.4	0.0	37.7
51	37.0	14.6	54.6

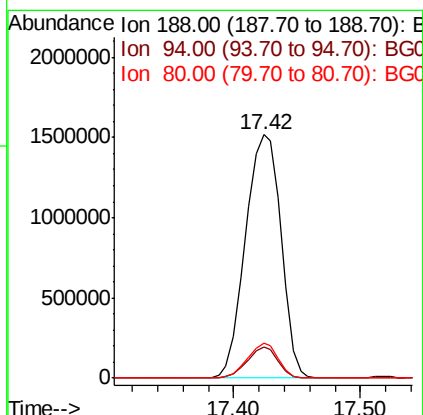
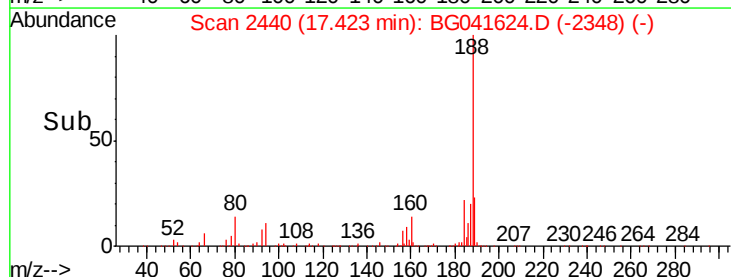
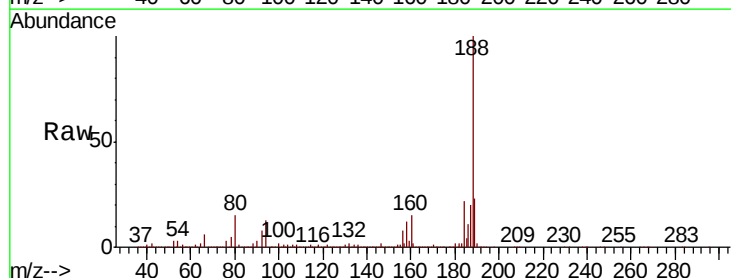
Manual Integrations
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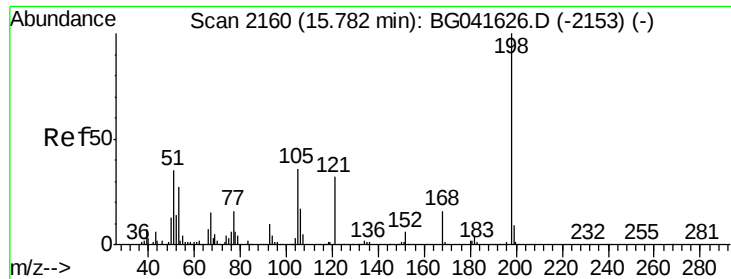
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.8	3.6	5.4#
80	14.6	4.8	7.2#





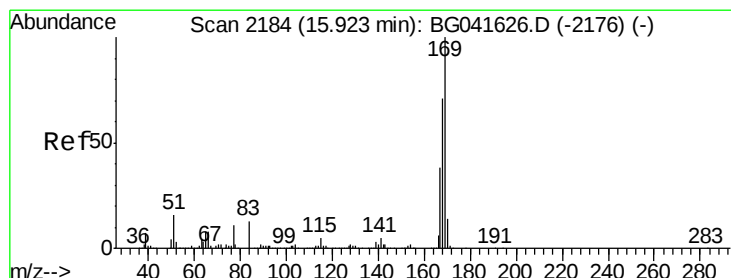
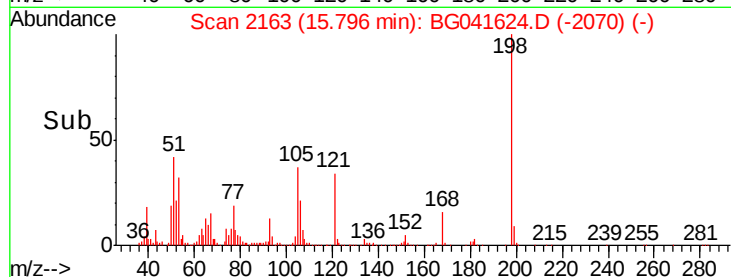
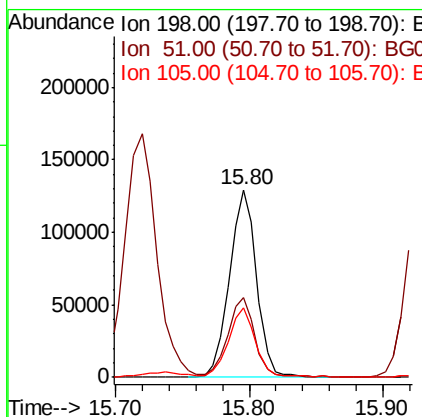
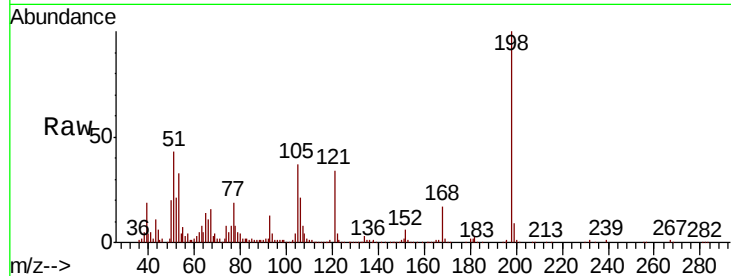
#65
4,6-Dinitro-2-methylphenol
Concen: 9.579 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
198	100	183856		
51	42.6		23.4	63.4
105	36.9		15.8	55.8

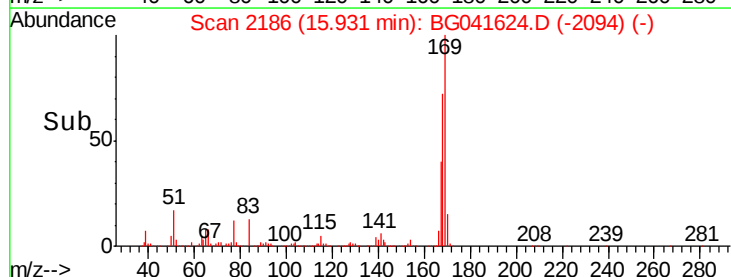
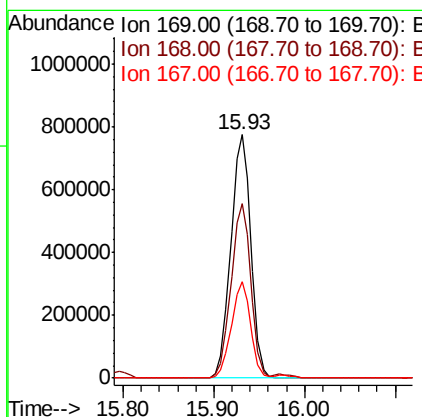
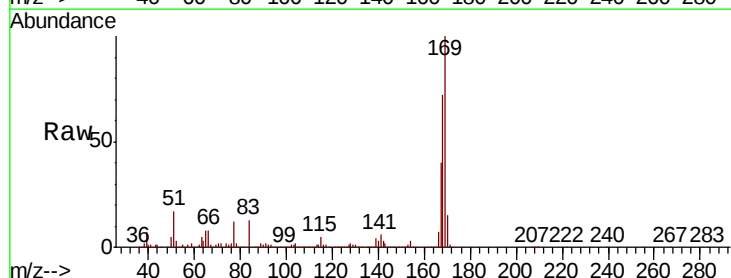
Manual Integrations
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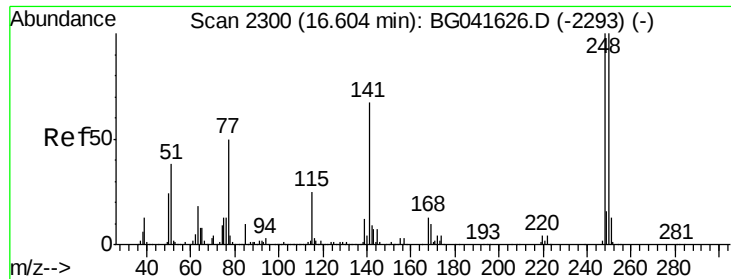
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#66
n-Nitrosodiphenylamine
Concen: 15.207 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1194049		
168	71.8		55.2	82.8
167	39.9		30.4	45.6





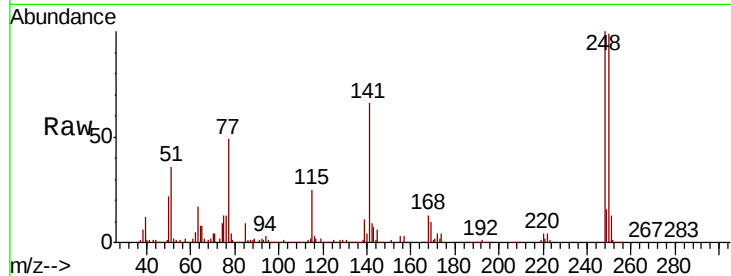
#67
4-Bromophenyl-phenylether
Concen: 12.992 ng
RT: 16.61 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	79.8	119.8
141	65.8	55.8	83.6

Manual Integrations
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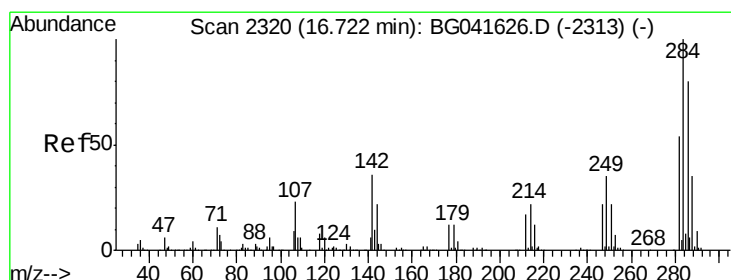
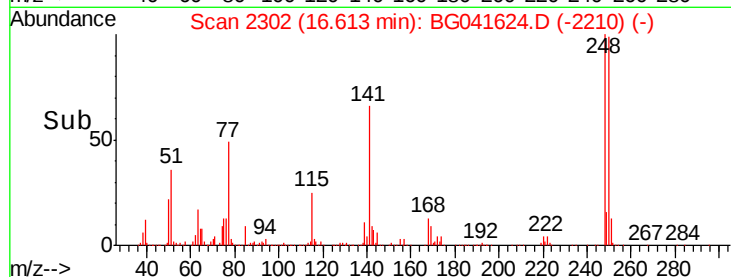
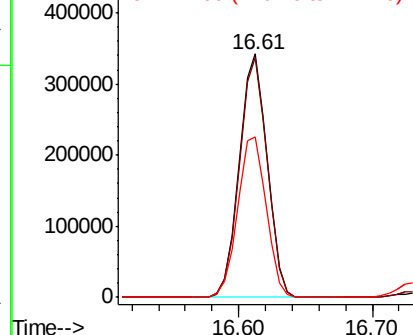


Abundance

Ion 248.00 (247.70 to 248.70): E

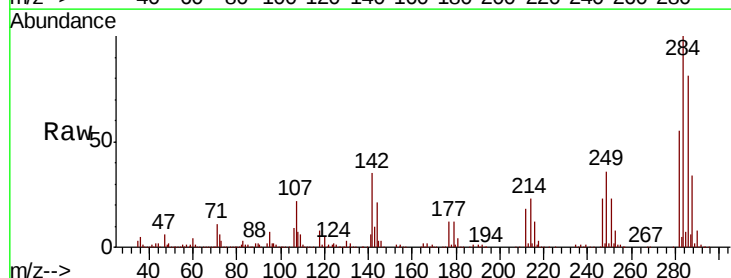
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 12.186 ng
RT: 16.73 min Scan# 2322
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	21.8	32.8#
249	35.6	27.8	41.6

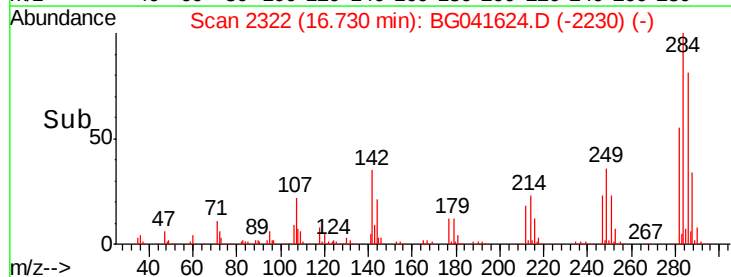
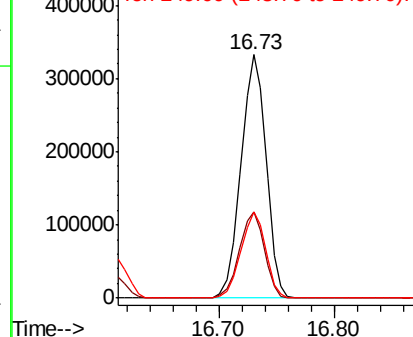


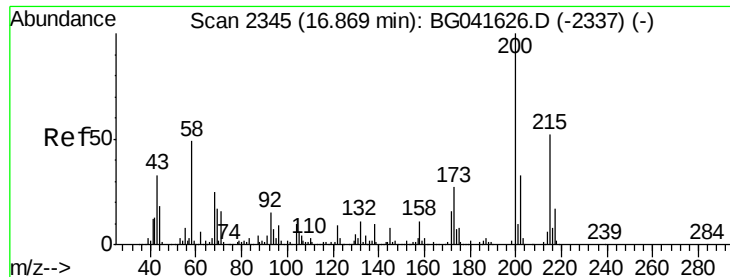
Abundance

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





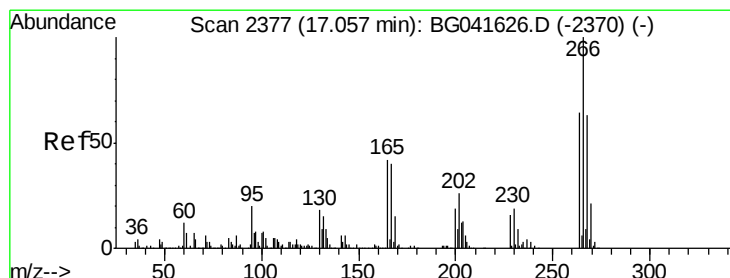
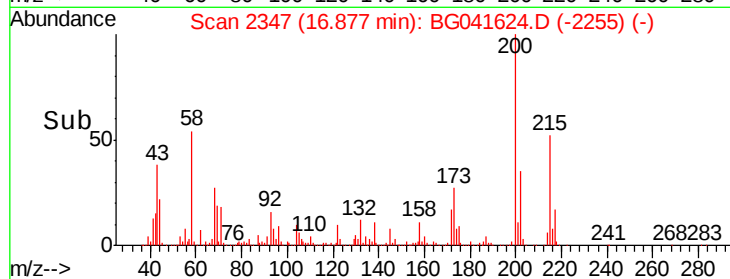
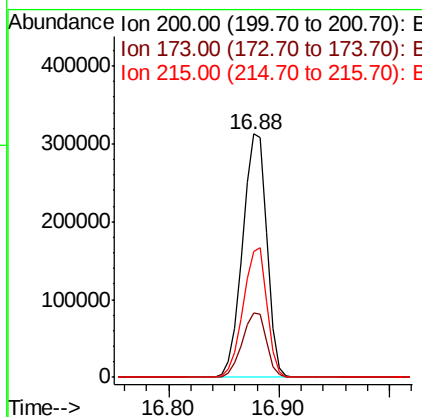
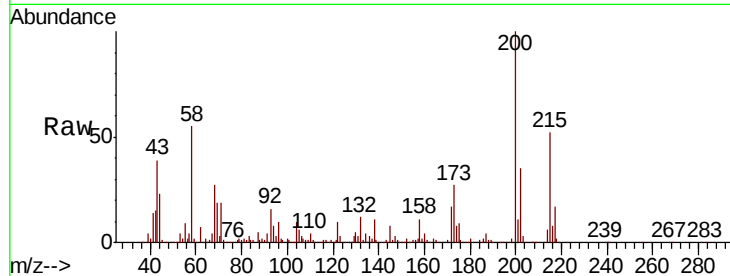
#69
 Atrazine
 Concen: 18.934 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. 0.01 min
 Lab File: BG041624.D
 Acq: 11 Jul 2019 18:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	4.0	44.0
215	51.8	33.4	73.4

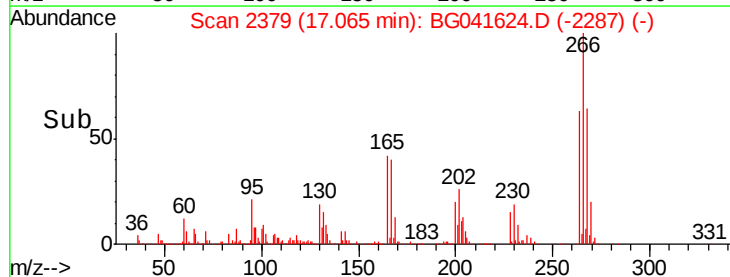
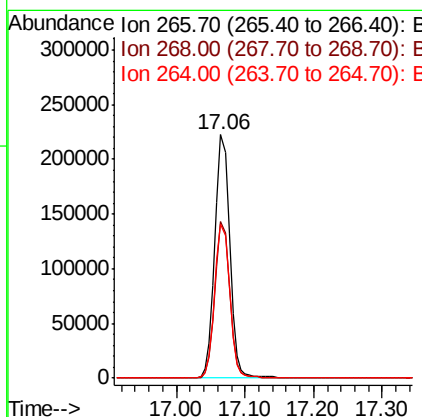
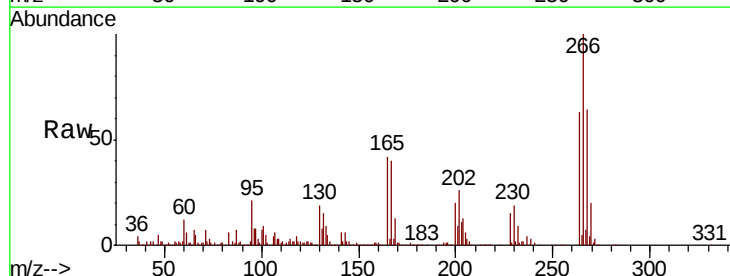
Manual Integrations
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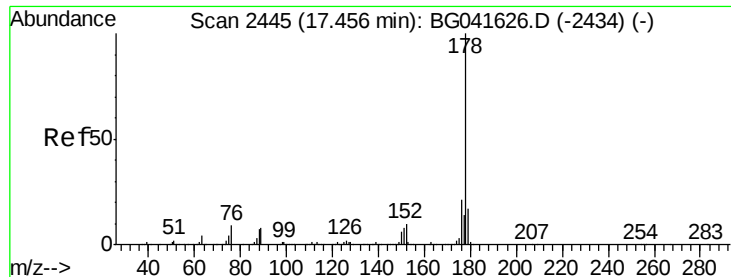
mohammad
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#70
 Pentachlorophenol
 Concen: 16.152 ng
 RT: 17.06 min Scan# 2379
 Delta R.T. 0.01 min
 Lab File: BG041624.D
 Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.0	78.0
264	63.4	51.2	76.8





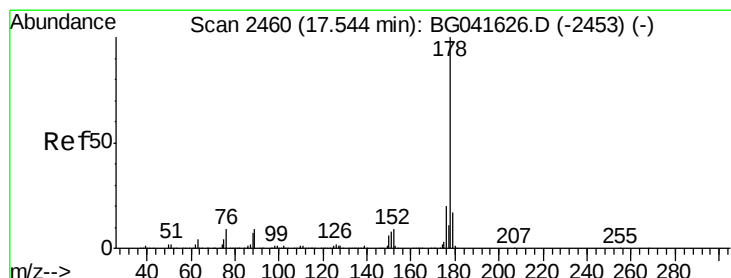
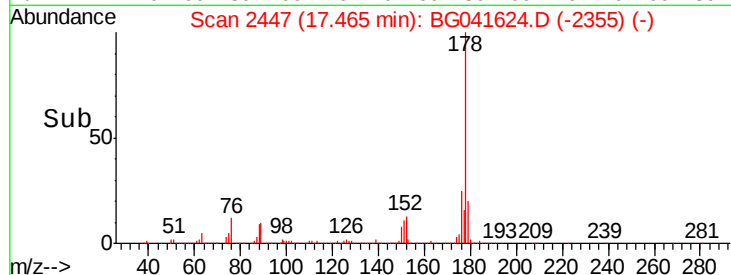
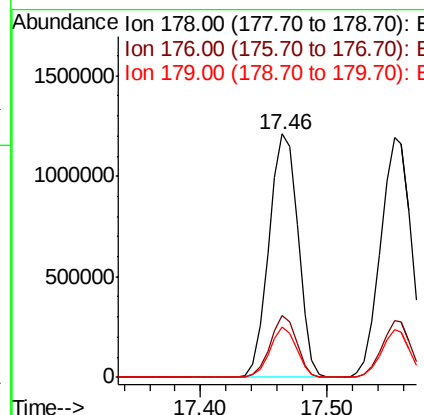
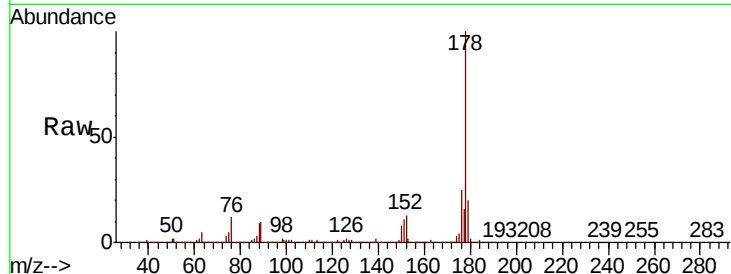
#71
Phenanthrene
Concen: 12.279 ng
RT: 17.46 min Scan# 2447
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion:178 Resp: 1936573
Ion Ratio Lower Upper
178 100
176 25.3 16.1 24.1#
179 20.5 12.9 19.3#

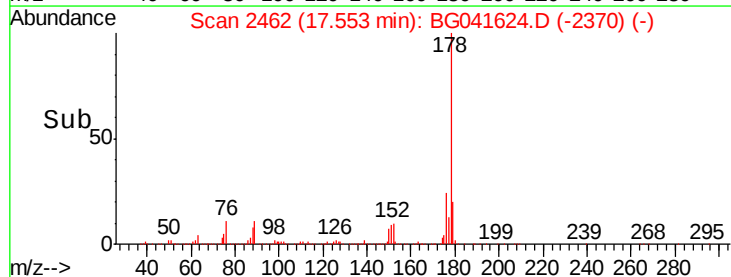
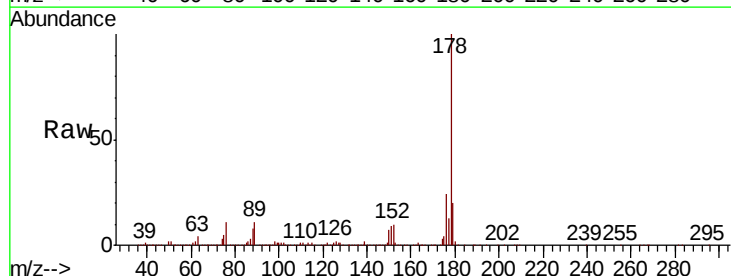
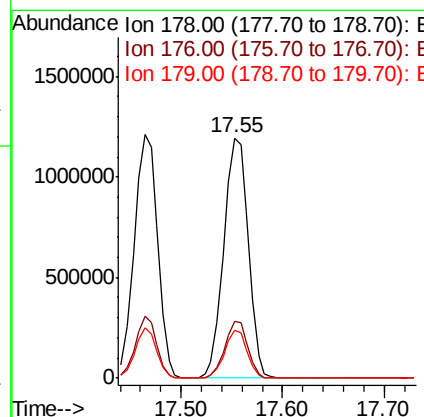
Manual Integrations
APPROVED

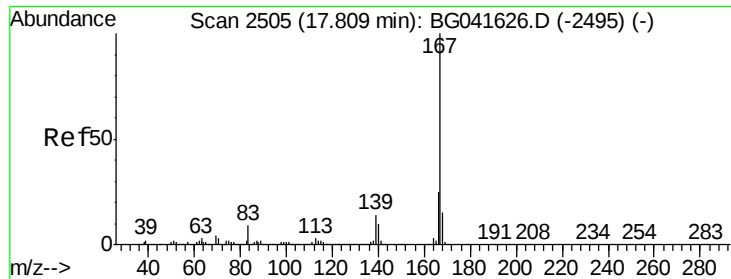
mohammad
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#72
Anthracene
Concen: 12.874 ng
RT: 17.55 min Scan# 2462
Delta R.T. 0.01 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion:178 Resp: 2001670
Ion Ratio Lower Upper
178 100
176 23.6 15.4 23.2#
179 19.9 13.0 19.4#





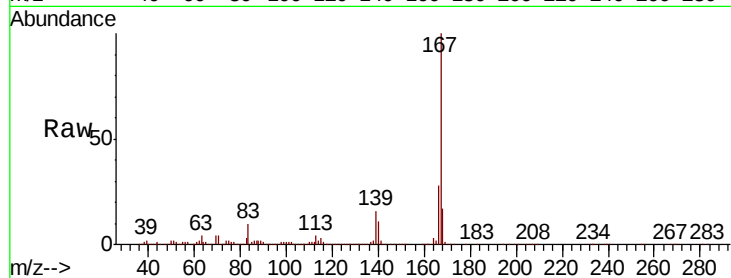
#73
 Carbazole
 Concen: 13.692 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. 0.01 min
 Lab File: BG041624.D
 Acq: 11 Jul 2019 18:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
167	100		
166	27.7	17.9	26.9#
139	15.6	10.7	16.1

Manual Integrations
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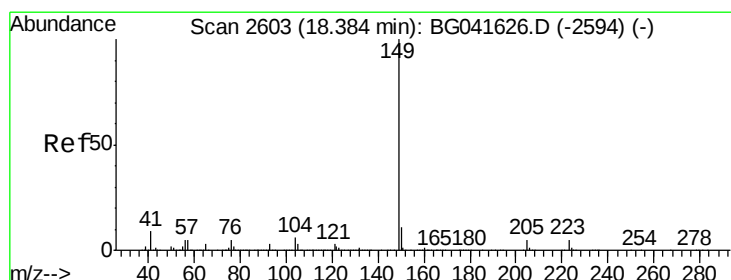
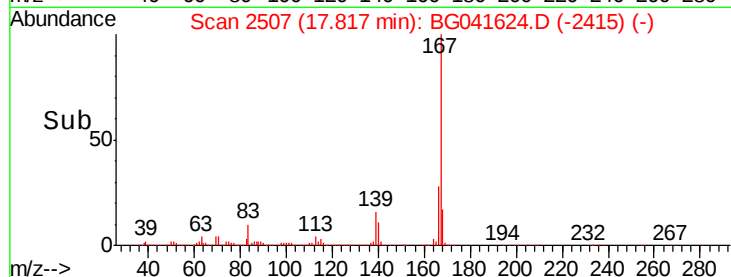
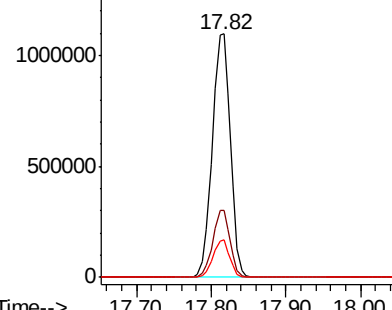


Abundance

Ion 167.00 (166.70 to 167.70): E

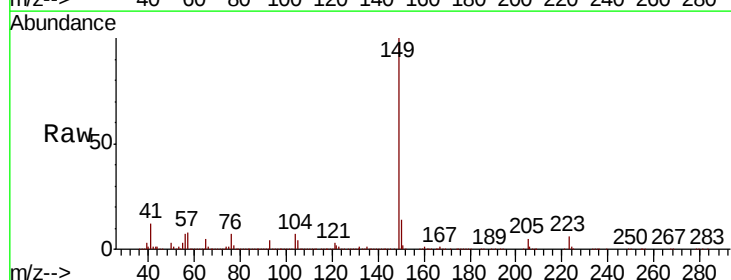
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 12.853 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. 0.00 min
 Lab File: BG041624.D
 Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	13.7	8.1	12.1#
104	7.3	5.4	8.0

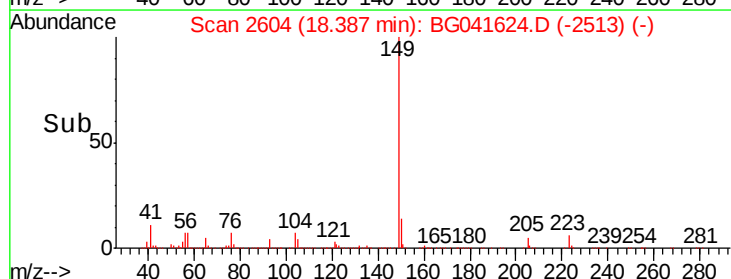
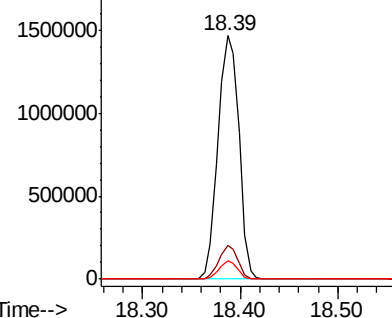


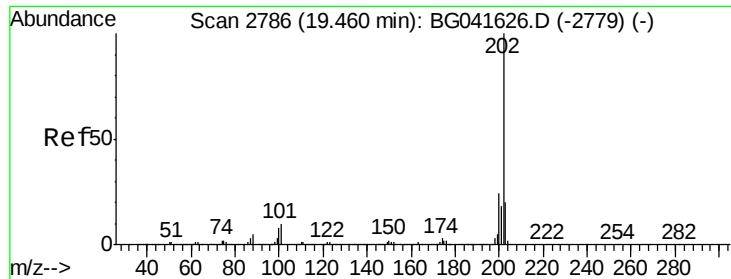
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 10.926 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.01 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

Instrument :

BNA_G

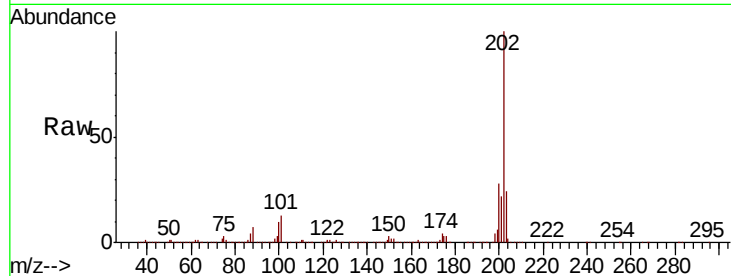
ClientSampleId :

SSTDIC010

Tot Ion:	202	Resp:	2289385
Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	26.0
203	23.8	0.0	37.7

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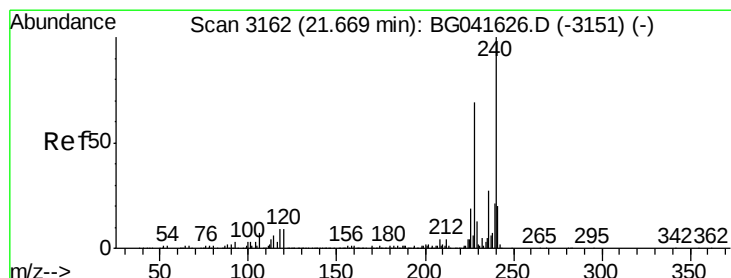
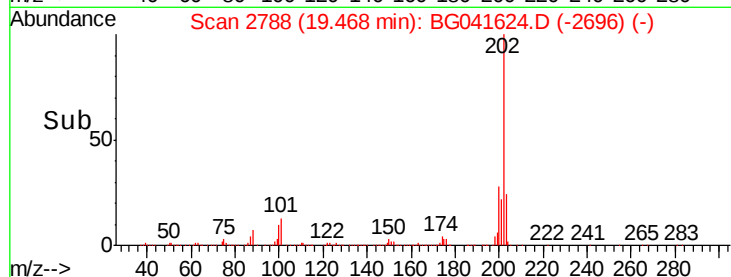
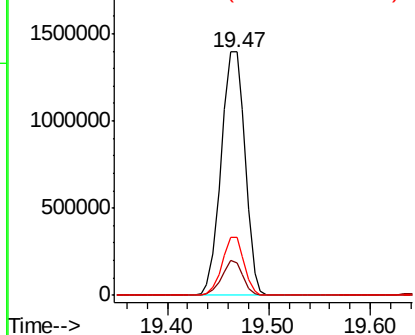


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3167

Delta R.T. 0.03 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

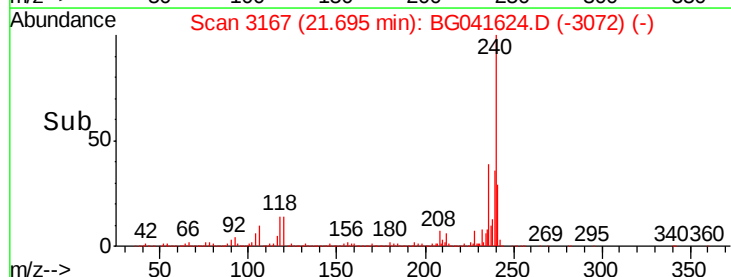
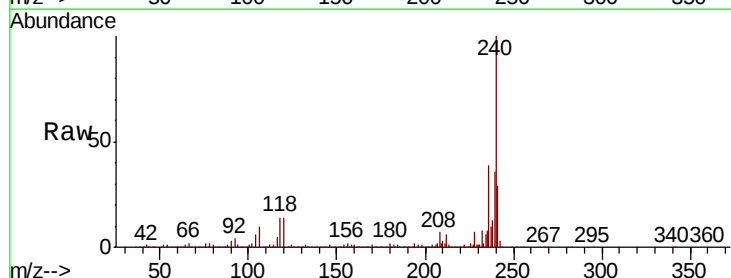
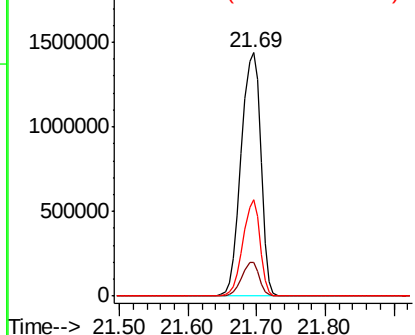
Tgt Ion:	240	Resp:	2875490
Ion	Ratio	Lower	Upper
240	100		
120	13.9	3.7	5.5#
236	39.5	21.1	31.7#

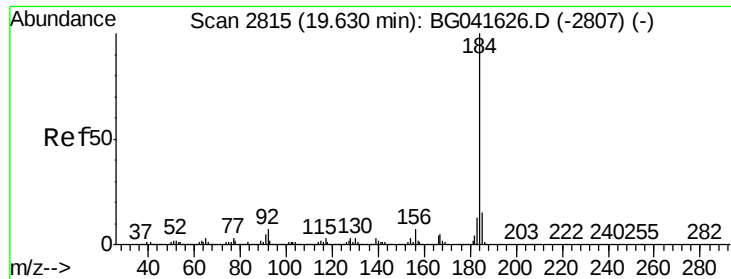
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.810 ng

RT: 19.64 min Scan# 2817

Delta R.T. 0.01 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

Instrument :

BNA_G

ClientSampleId :

SSTDIC010

Tot Ion:184 Resp: 1377800

Ion Ratio Lower Upper

184 100

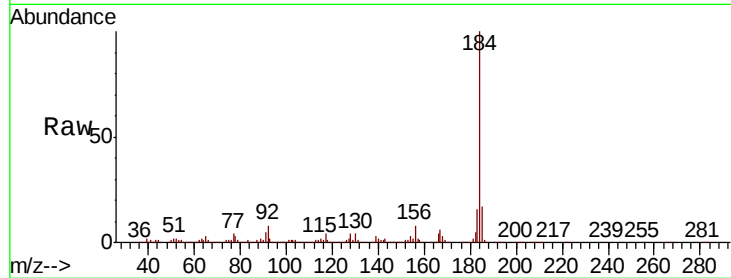
185 16.6 12.2 18.2

183 15.6 9.6 14.4#

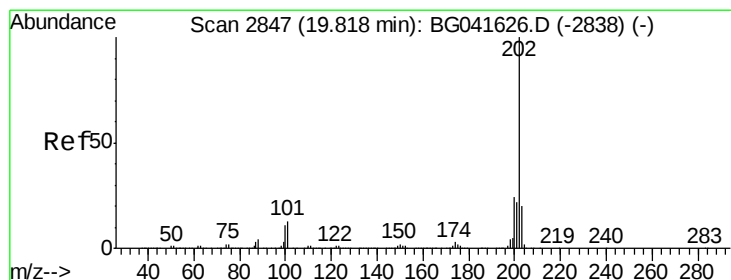
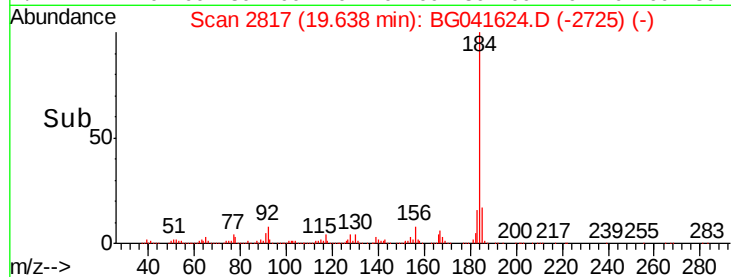
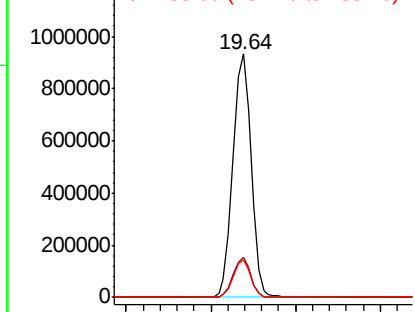
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 11.872 ng

RT: 19.83 min Scan# 2849

Delta R.T. 0.01 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

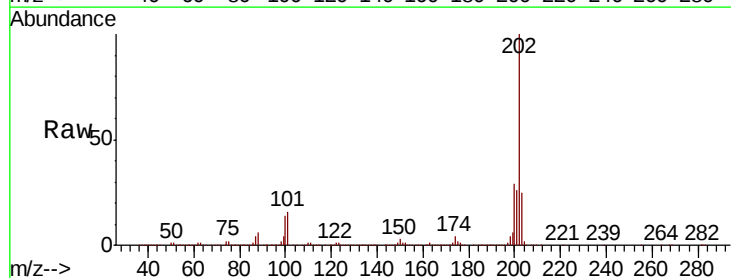
Tgt Ion:202 Resp: 2302291

Ion Ratio Lower Upper

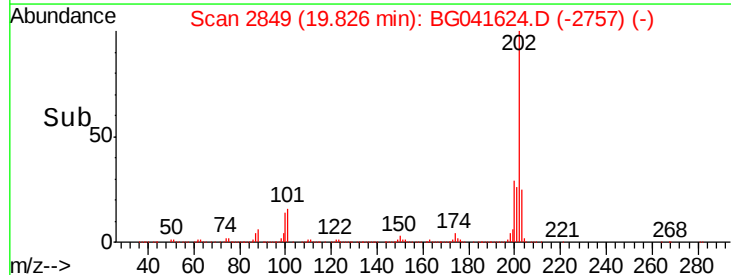
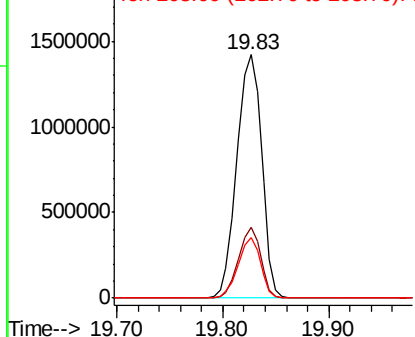
202 100

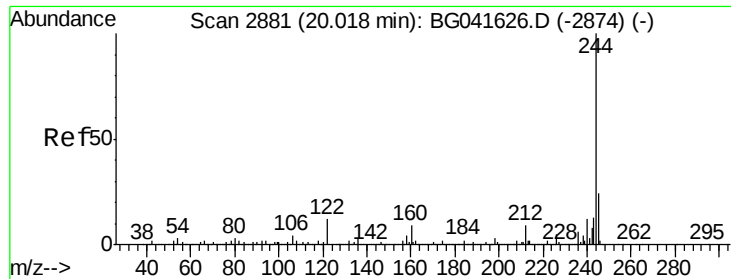
200 29.0 16.8 25.2#

203 24.7 14.6 21.8#



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





#79

Terphenyl-d14

Concen: 18.697 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.01 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tot Ion:244 Resp: 2712820

Ion Ratio Lower Upper

244 100

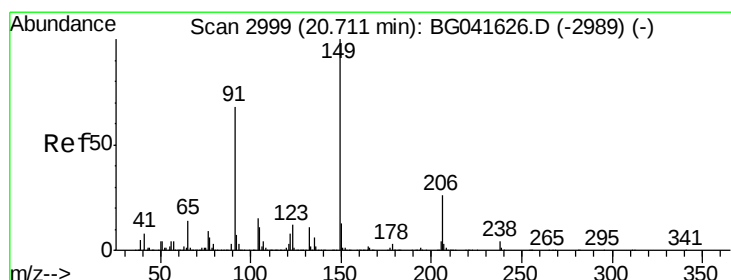
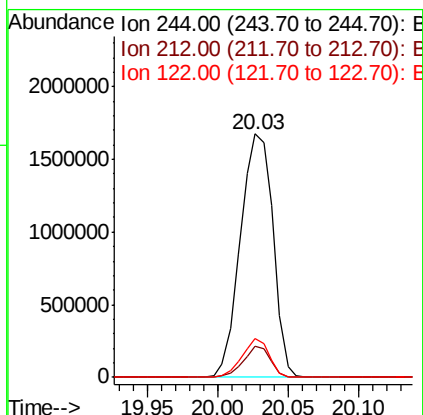
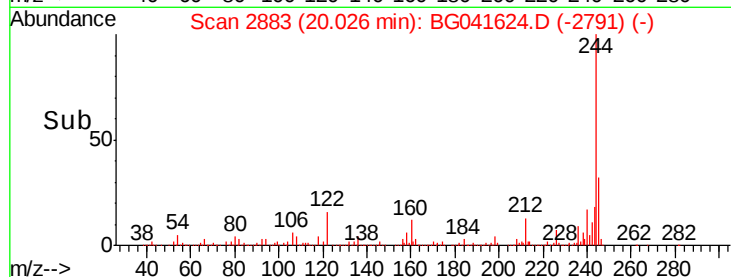
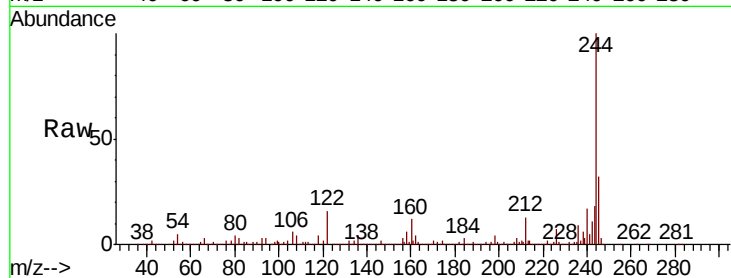
212 12.6 6.6 10.0#

122 15.8 5.0 7.4#

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#80

Butylbenzylphthalate

Concen: 15.132 ng

RT: 20.72 min Scan# 3001

Delta R.T. 0.01 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

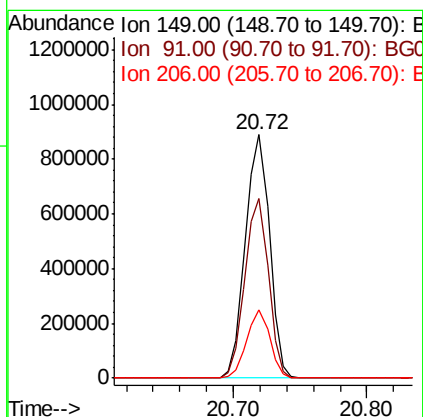
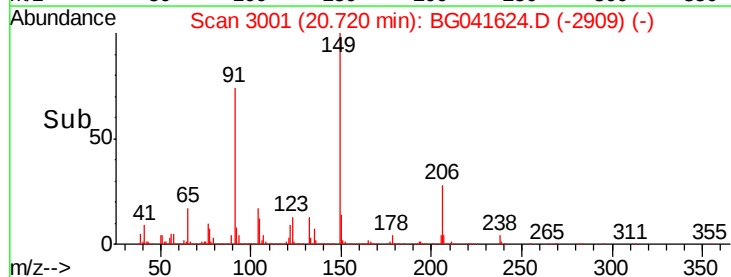
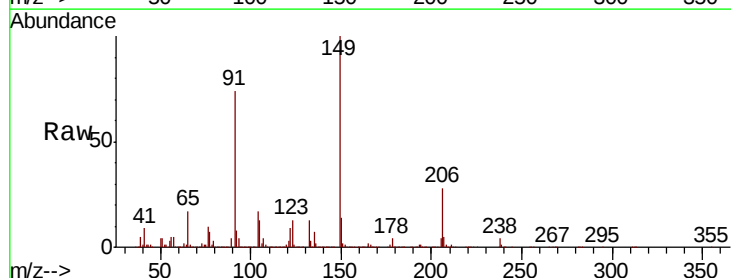
Tgt Ion:149 Resp: 1109932

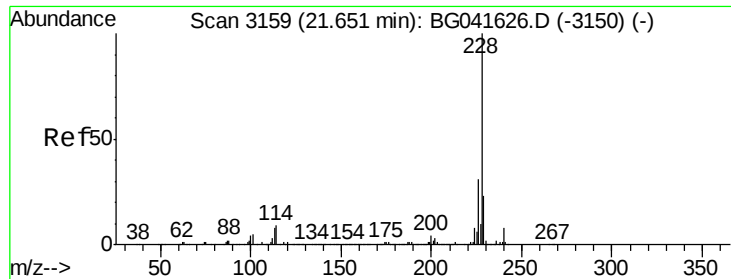
Ion Ratio Lower Upper

149 100

91 73.9 53.2 79.8

206 28.2 20.3 30.5





#81

Benzo(a)anthracene

Concen: 12.679 ng

RT: 21.67 min Scan# 3162

Delta R.T. 0.01 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

Instrument :

BNA_G

ClientSampleId :

SSTDIC010

Tot Ion:228 Resp: 2468542

Ion Ratio Lower Upper

228 100

226 34.2 23.2 34.8

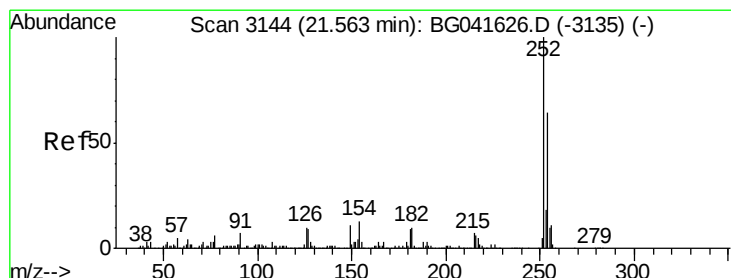
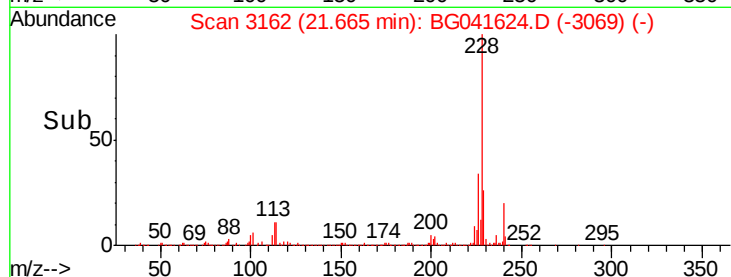
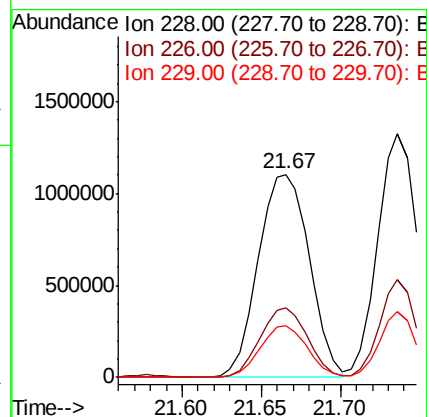
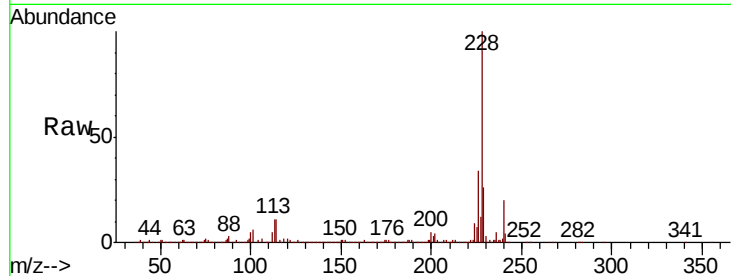
229 25.6 16.8 25.2#

Manual Integrations

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#82

3,3'-Dichlorobenzidine

Concen: 15.580 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

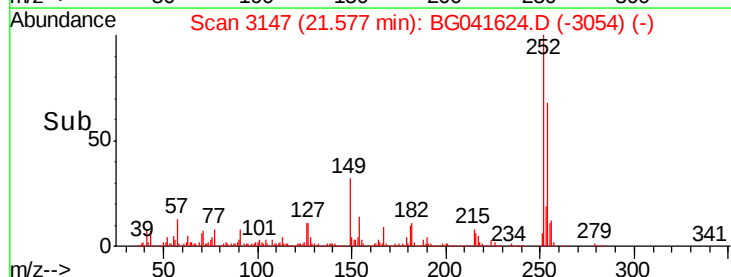
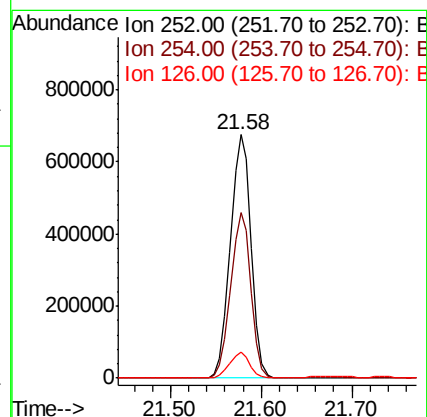
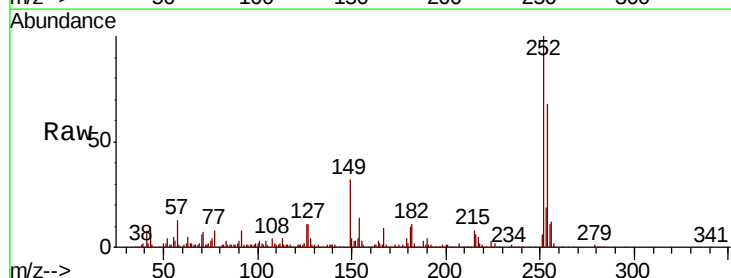
Tgt Ion:252 Resp: 1064809

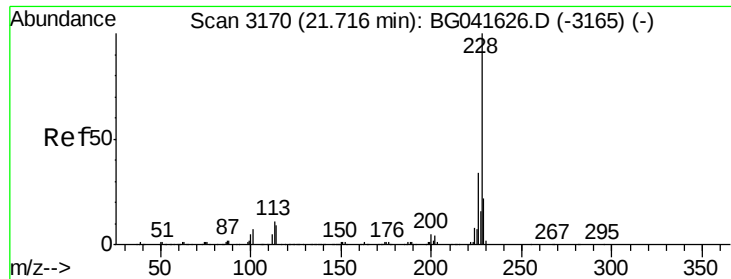
Ion Ratio Lower Upper

252 100

254 68.1 51.4 77.0

126 10.7 6.0 9.0#





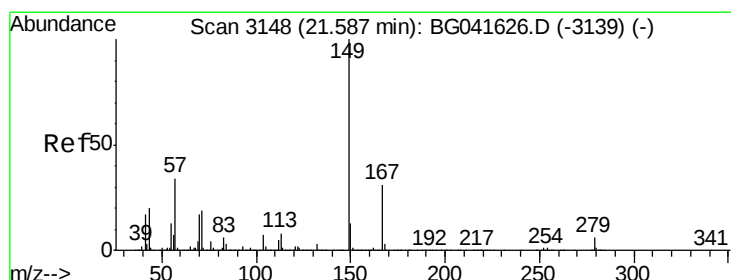
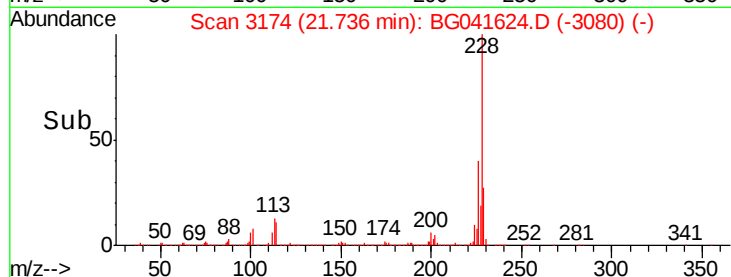
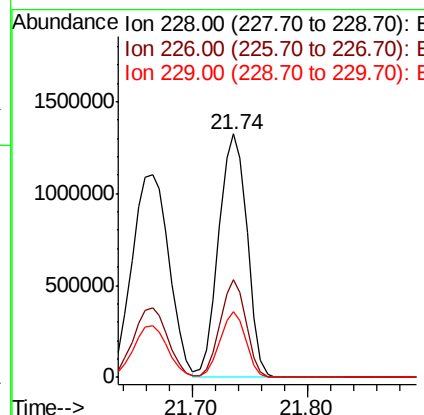
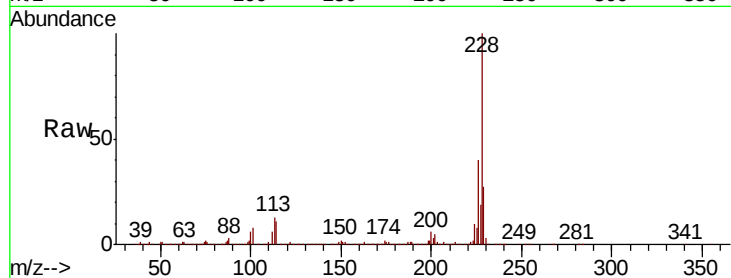
#83
 Chrvsene
 Concen: 12.010 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. 0.02 min
 Lab File: BG041624.D
 Acq: 11 Jul 2019 18:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Tot Ion:228 Resp: 2248668
 Ion Ratio Lower Upper
 228 100
 226 40.2 25.4 38.0#
 229 27.2 16.2 24.2#

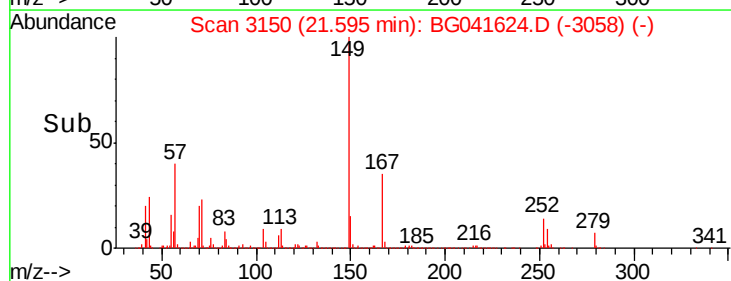
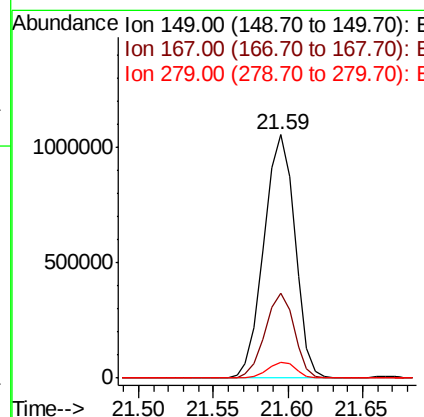
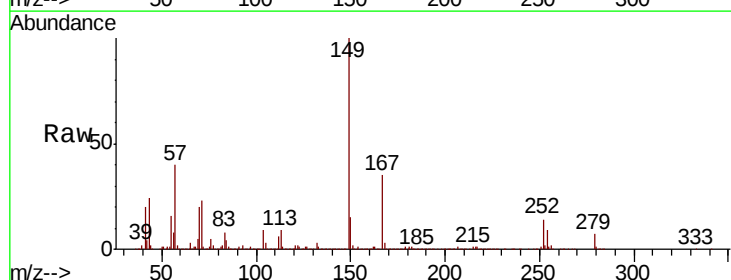
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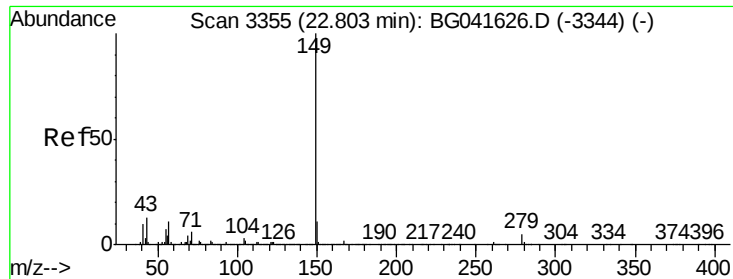
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 15.113 ng
 RT: 21.59 min Scan# 3150
 Delta R.T. 0.01 min
 Lab File: BG041624.D
 Acq: 11 Jul 2019 18:13

Tgt Ion:149 Resp: 1510783
 Ion Ratio Lower Upper
 149 100
 167 34.8 23.8 35.8
 279 6.7 4.4 6.6#





#85

Di-n-octyl phthalate

Concen: 15.350 ng

RT: 22.82 min Scan# 3359

Delta R.T. 0.02 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

Instrument :

BNA_G

ClientSampleId :

SSTDIC010

Tot Ion:149 Resp: 2596013

Ion Ratio Lower Upper

149 100

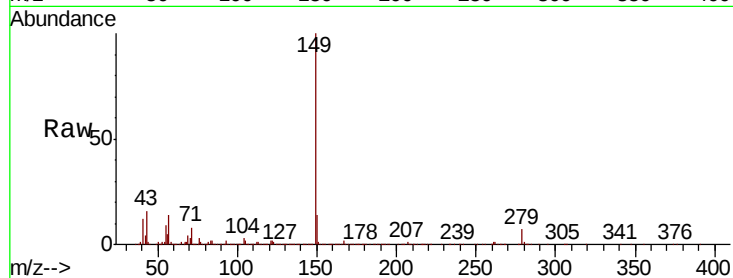
167 2.1 1.4 2.0#

43 14.3 8.2 12.2#

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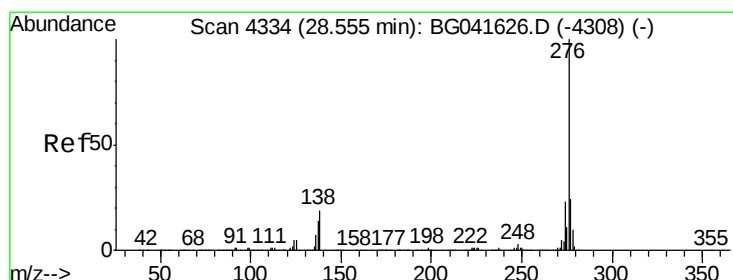
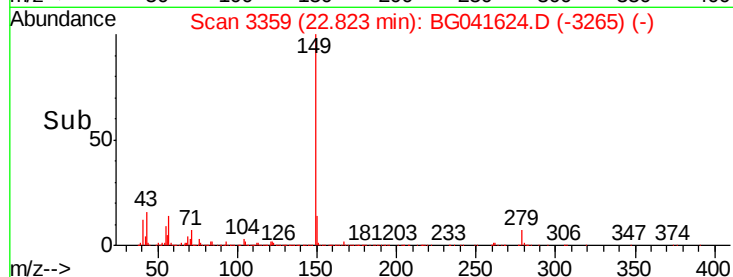
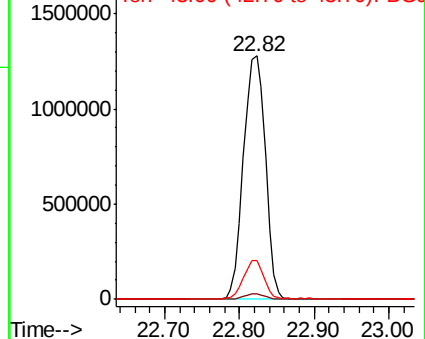
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 14.261 ng

RT: 28.61 min Scan# 4344

Delta R.T. 0.06 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

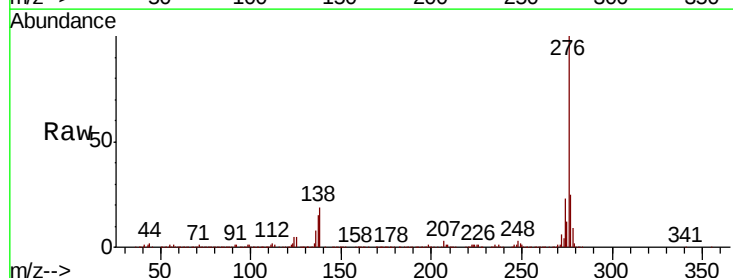
Tgt Ion:276 Resp: 3167893

Ion Ratio Lower Upper

276 100

138 18.0 7.7 11.5#

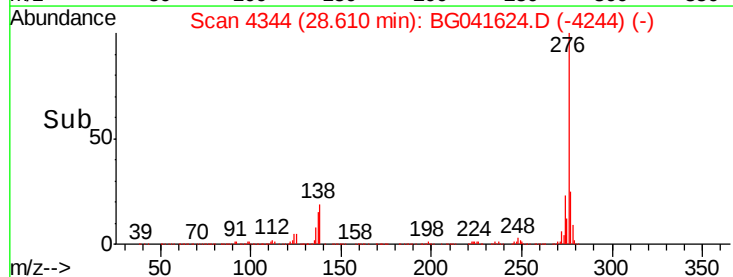
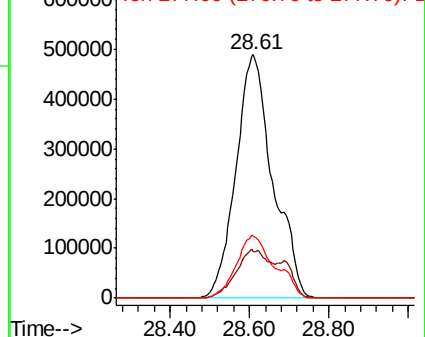
277 27.0 20.6 31.0

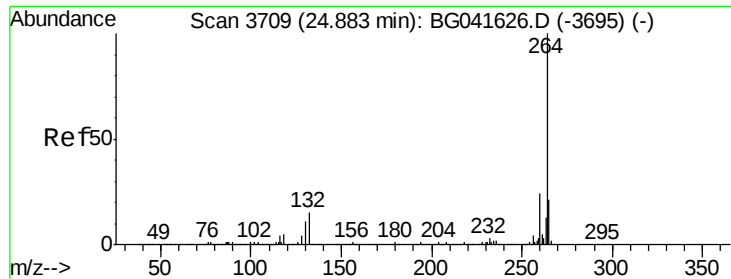


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. 0.05 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tot Ion:264 Resp: 3774163

Ion Ratio Lower Upper

264 100

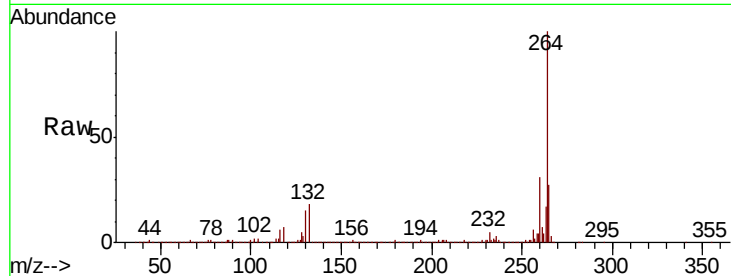
260 30.7 17.4 26.2#

265 27.5 17.2 25.8#

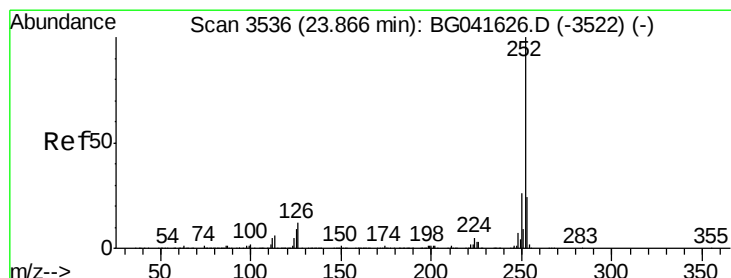
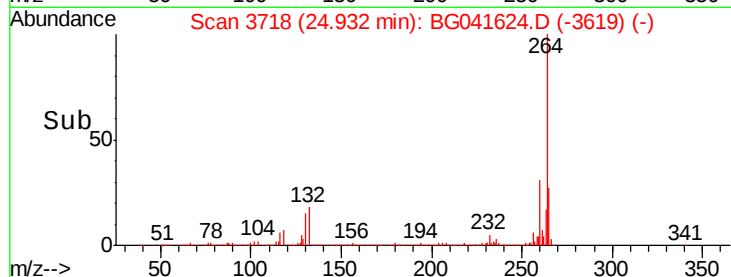
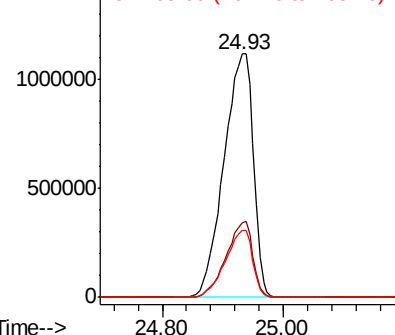
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Abundance Ion 264.00 (263.70 to 264.70): E
1500000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 11.230 ng

RT: 23.89 min Scan# 3541

Delta R.T. 0.03 min

Lab File: BG041624.D

Acq: 11 Jul 2019 18:13

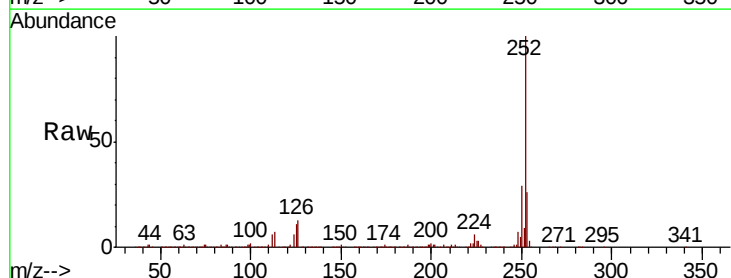
Tgt Ion:252 Resp: 2626702

Ion Ratio Lower Upper

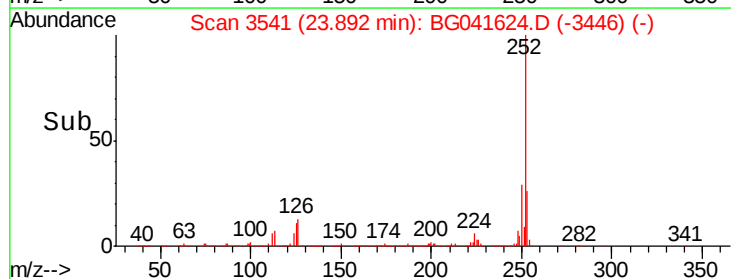
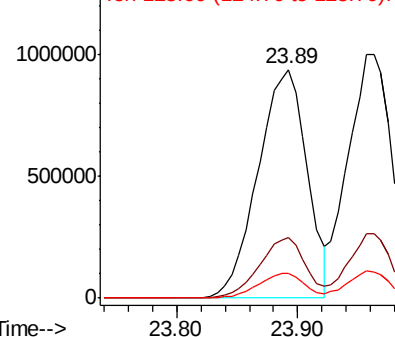
252 100

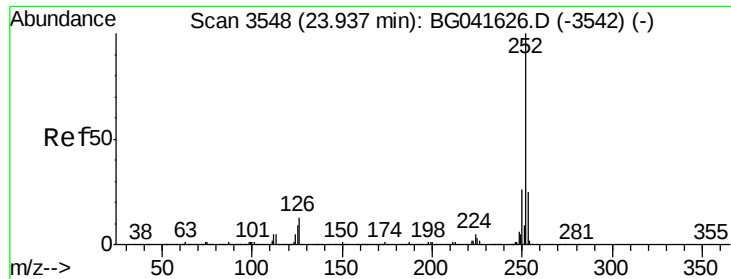
253 26.2 17.4 26.0#

125 10.6 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





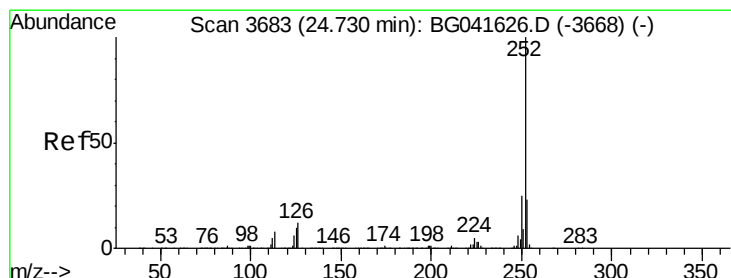
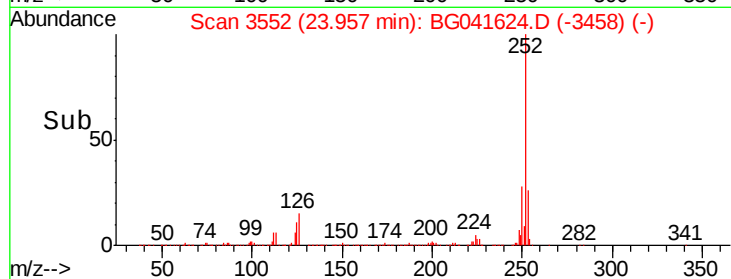
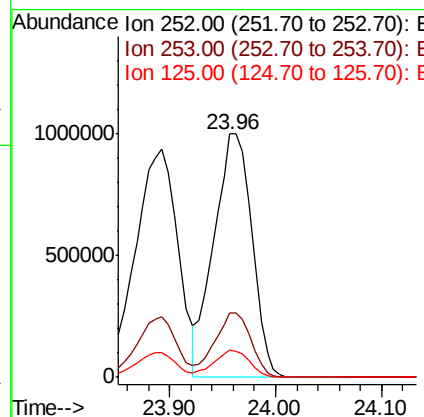
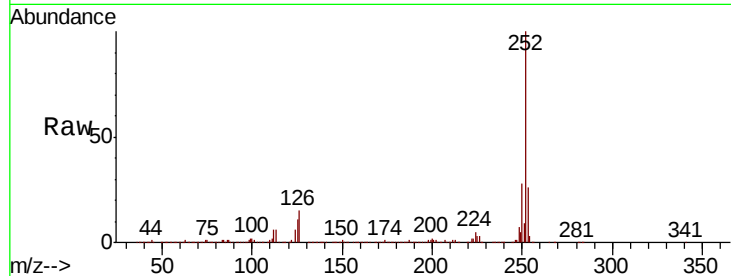
#89
Benzo(k)fluoranthene
Concen: 10.787 ng
RT: 23.96 min Scan# 3552
Delta R.T. 0.02 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampled :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.0	27.0
125	11.1	4.3	6.5

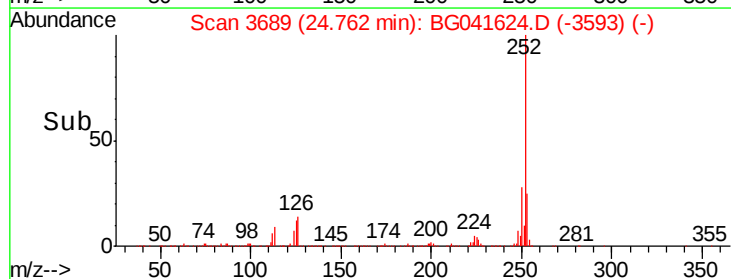
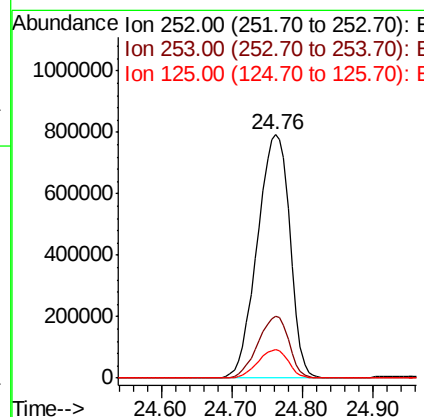
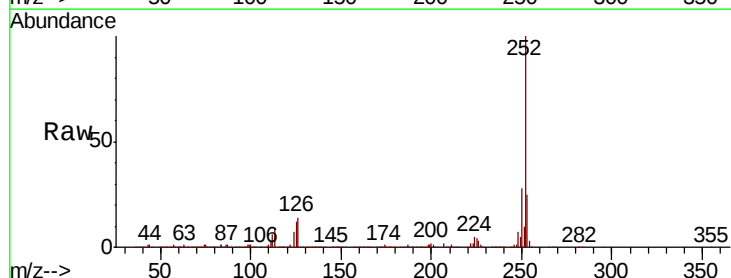
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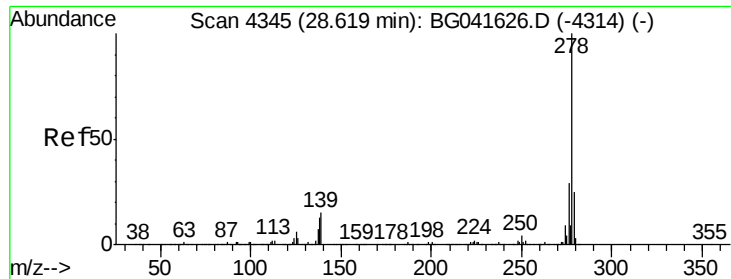
mohammad
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#90
Benzo(a)pyrene
Concen: 11.536 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.03 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	11.9	4.2	6.4





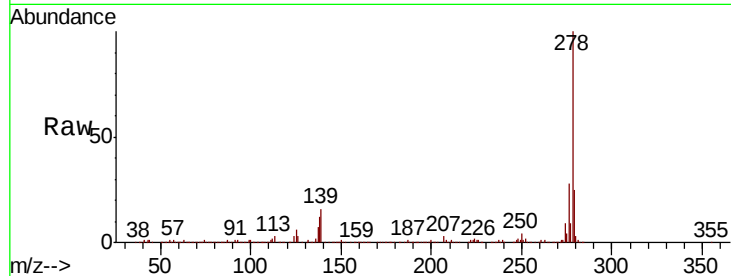
#91
Dibenzo(a,h)anthracene
Concen: 11.338 ng
RT: 28.69 min Scan# 4358
Delta R.T. 0.07 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	6.6	10.0#
279	25.4	18.5	27.7

Manual Integrations
APPROVED

mohammad
7/12/2019 10:38:21 PM

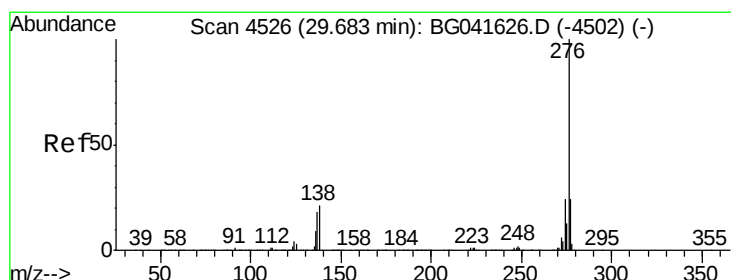
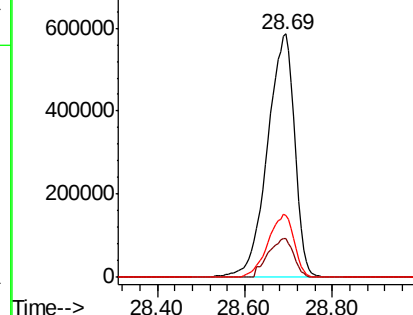
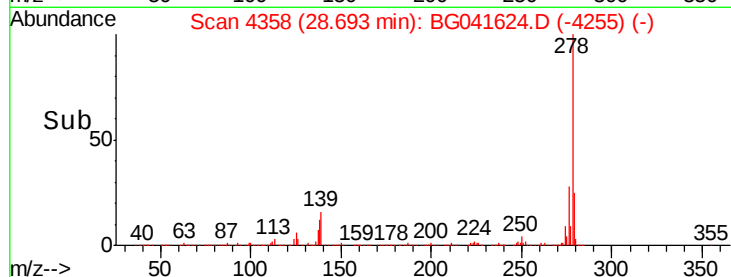


Abundance

Ion 278.00 (277.70 to 278.70): E

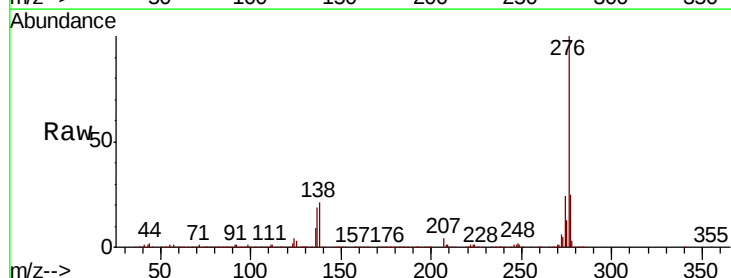
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 11.460 ng
RT: 29.77 min Scan# 4542
Delta R.T. 0.09 min
Lab File: BG041624.D
Acq: 11 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.9	26.9
138	21.0	9.4	14.0#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

