

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041822.D
 Acq On : 31 Jul 2019 4:14
 Operator : HP/JU
 Sample : K4021-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10MSD

Manual Integrations
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mohammad
 8/1/2019 5:05:14 PM

Quant Time: Jul 31 07:05:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	59196	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	274397	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	273341	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	822421	20.00	ng	0.00
76) Chrysene-d12	21.74	240	660364	20.00	ng	0.00
87) Perylene-d12	25.01	264	783480	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	438491	144.12	ng	0.00
7) Phenol-d6	7.19	99	622401	151.74	ng	0.00
23) Nitrobenzene-d5	9.21	82	417250	104.64	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	619808	199.63	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1343701	86.70	ng	0.00
79) Terphenyl-d14	20.06	244	2779505	96.31	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	42702	29.819	ng	# 29
3) Pyridine	3.88	79	91514	23.304	ng	93
4) n-Nitrosodimethylamine	3.78	42	59280	38.080	ng	94
6) Aniline	7.36	93	117264	20.303	ng	96
8) 2-Chlorophenol	7.60	128	192413	55.228	ng	91
9) Benzaldehyde	7.17	77	50361	17.449	ng	93
10) Phenol	7.22	94	215365	50.469	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	156932	44.733	ng	92
12) 1,3-Dichlorobenzene	7.93	146	187825	41.307	ng	98
13) 1,4-Dichlorobenzene	8.08	146	194262	42.696	ng	98
14) 1,2-Dichlorobenzene	8.40	146	191029	44.000	ng	96
15) Benzyl Alcohol	8.28	79	175611	54.419	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	265514	42.541	ng	96
17) 2-Methylphenol	8.48	107	172569	55.606	ng	98
18) Hexachloroethane	9.14	117	66187	42.480	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	154366	51.836	ng	93
20) 3+4-Methylphenols	8.81	107	250843	59.065	ng	99
22) Acetophenone	8.86	105	293640	47.843	ng	# 93
24) Nitrobenzene	9.25	77	212599	50.610	ng	100
25) Isophorone	9.78	82	460636	53.106	ng	100
26) 2-Nitrophenol	9.97	139	119847	61.472	ng	93
27) 2,4-Dimethylphenol	10.03	122	215740	62.698	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	255834	47.198	ng	99
29) 2,4-Dichlorophenol	10.51	162	259340	61.891	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	232614	43.776	ng	97
31) Naphthalene	10.92	128	605705	48.231	ng	97
32) Benzoic acid	10.15	122	91209	39.086	ng	94
33) 4-Chloroaniline	11.02	127	22097	3.710	ng	96
34) Hexachlorobutadiene	11.21	225	141964	39.585	ng	98
35) Caprolactam	11.79	113	97191m	66.741	ng	
36) 4-Chloro-3-methylphenol	12.14	107	316946	76.293	ng	98
37) 2-Methylnaphthalene	12.52	142	534666	53.787	ng	99
38) 1-Methylnaphthalene	12.75	142	518837	55.077	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	336008	38.834	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	339210	69.730	nq	97
43) 2,4,6-Trichlorophenol	13.13	196	278440	50.916	nq	99
44) 2,4,5-Trichlorophenol	13.20	196	330757	58.202	nq	95
46) 1,1'-Biphenyl	13.54	154	765876	43.587	nq	96
47) 2-Chloronaphthalene	13.58	162	624803	41.765	nq	97
48) 2-Nitroaniline	13.77	65	228251	60.158	nq	88
49) Acenaphthylene	14.42	152	1104463	49.356	nq	98
50) Dimethylphthalate	14.15	163	1056866	56.614	nq	99
51) 2,6-Dinitrotoluene	14.26	165	256735	65.770	nq	91
52) Acenaphthene	14.76	154	701267	48.183	nq	99
53) 3-Nitroaniline	14.59	138	45780	10.962	nq	# 88
54) 2,4-Dinitrophenol	14.80	184	280802	105.885	nq	89
55) Dibenzofuran	15.10	168	1148221	51.579	nq	96
56) 4-Nitrophenol	14.90	139	448921	141.619	nq	96
57) 2,4-Dinitrotoluene	15.06	165	393784	73.355	nq	92
58) Fluorene	15.75	166	998167	55.872	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	374354	66.510	nq	92
60) Diethylphthalate	15.52	149	1103307	60.199	nq	98
61) 4-Chlorophenyl-phenylether	15.74	204	576092	52.821	nq	95
62) 4-Nitroaniline	15.77	138	273092	60.375	nq	97
63) Azobenzene	16.04	77	832225	55.587	nq	94
65) 4,6-Dinitro-2-methylphenol	15.82	198	237084	57.343	nq	88
66) n-Nitrosodiphenylamine	15.96	169	1007017	44.952	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	438978	43.332	nq	97
68) Hexachlorobenzene	16.76	284	455281	42.957	nq	95
69) Atrazine	16.90	200	314958	35.783	nq	99
70) Pentachlorophenol	17.10	266	575310	95.554	nq	99
71) Phenanthrene	17.50	178	1848512	46.891	nq	99
72) Anthracene	17.59	178	1910208	48.586	nq	98
73) Carbazole	17.85	167	1744599	49.439	nq	99
74) Di-n-butylphthalate	18.42	149	2014310	50.351	nq	99
75) Fluoranthene	19.50	202	2230020	46.539	nq	98
77) Benzidine	19.72	184	6867	0.319	nq	# 87
78) Pyrene	19.87	202	2167236	55.392	nq	100
80) Butylbenzylphthalate	20.76	149	772082	51.469	nq	89
81) Benzo(a)anthracene	21.72	228	1853487	47.440	nq	98
82) 3,3'-Dichlorobenzidine	21.63	252	245554	15.654	nq	94
83) Chrysene	21.78	228	1809386	48.313	nq	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	1056379	51.052	nq	98
85) Di-n-octyl phthalate	22.87	149	1833038	52.637	nq	# 92
86) Indeno(1,2,3-cd)pyrene	28.76	276	2530587	51.043	nq	# 90
88) Benzo(b)fluoranthene	23.98	252	2094716m	48.874	nq	
89) Benzo(k)fluoranthene	24.05	252	2054671	49.214	nq	# 98
90) Benzo(a)pyrene	24.86	252	2091391	50.878	nq	# 98
91) Dibenzo(a,h)anthracene	28.83	278	2064468	51.149	nq	# 94
92) Benzo(g,h,i)perylene	29.93	276	2098671	52.044	nq	96

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



#1

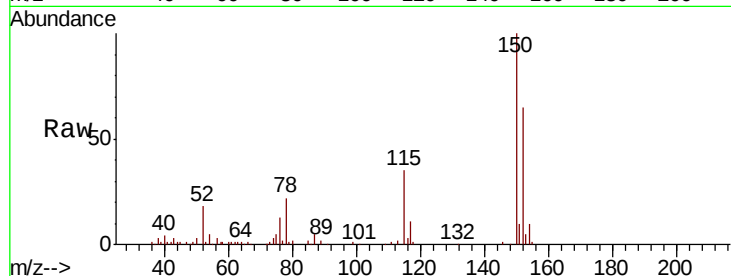
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.9	190.3
115	54.1	45.0	67.6

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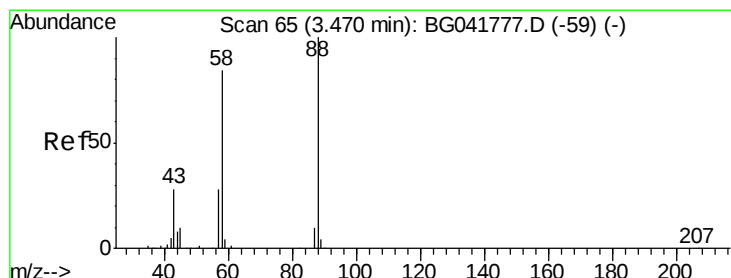
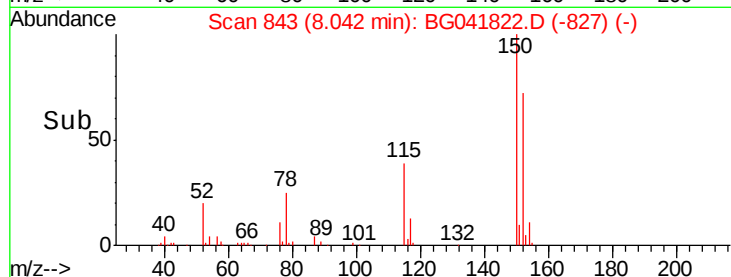
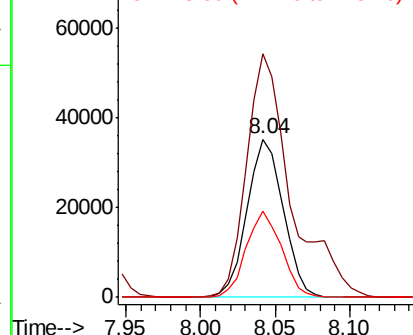


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

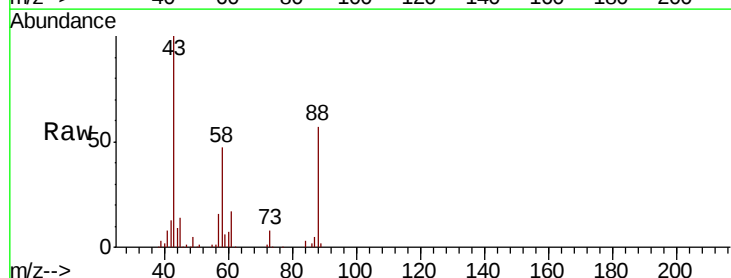
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.819 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	76.2	114.2
43	172.6	27.2	40.8#

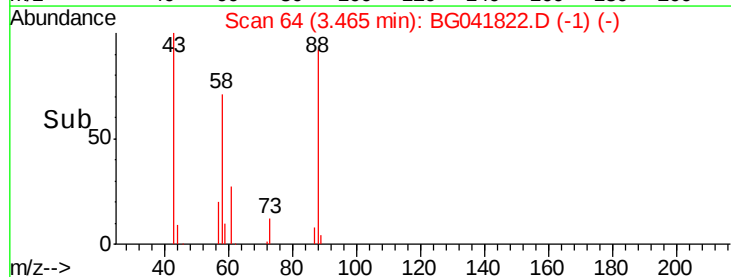
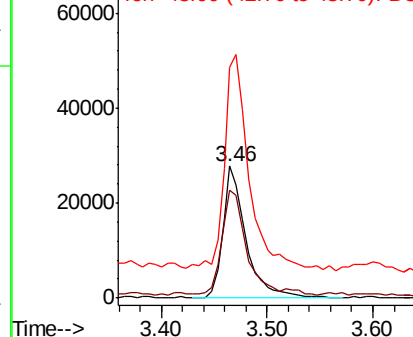


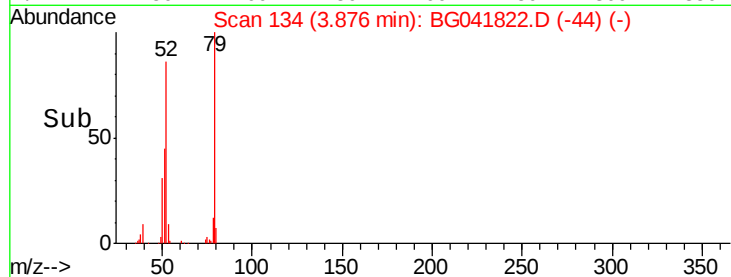
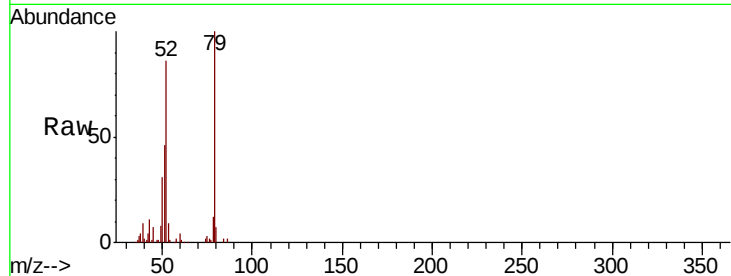
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





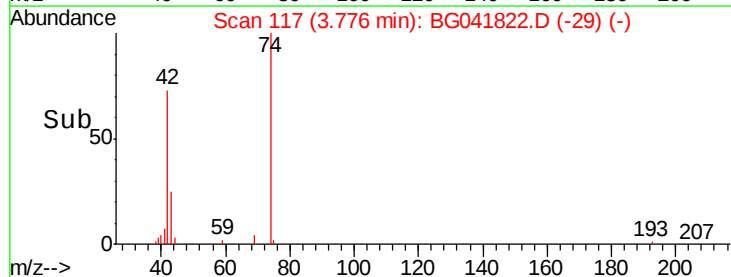
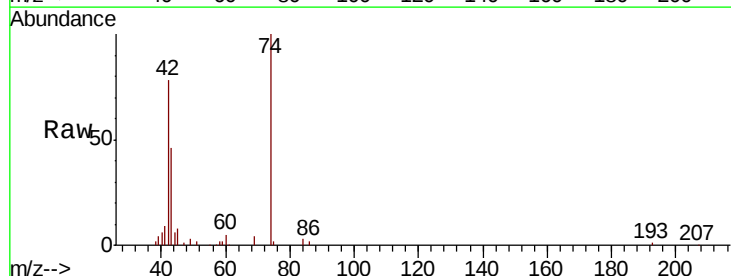
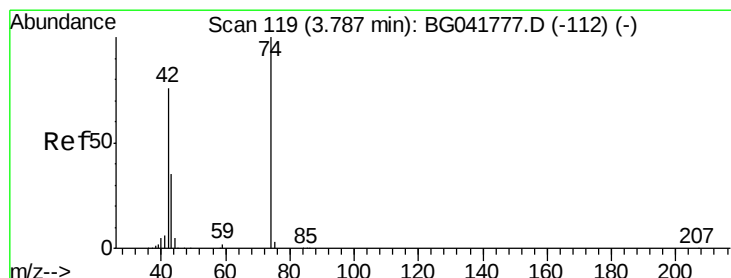
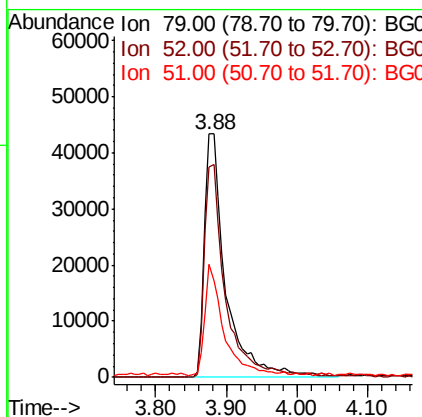
#3
Pvridine
Concen: 23.304 ng
RT: 3.88 min Scan# 134
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tot Ion	Ratio	Lower	Upper
79	100		
52	86.3	77.1	115.7
51	46.3	37.8	56.8

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

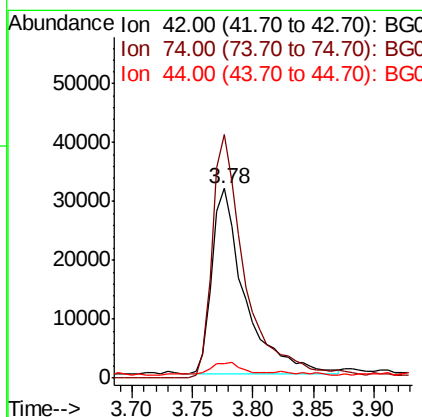
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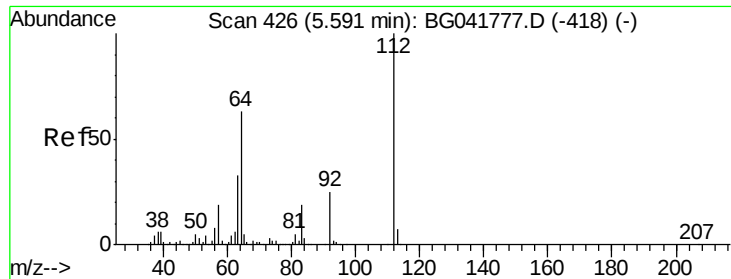
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#4
n-Nitrosodimethylamine
Concen: 38.080 ng
RT: 3.78 min Scan# 117
Delta R.T. -0.01 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.5	97.4	146.2
44	7.7	6.6	9.8





#5

2-Fluorophenol

Concen: 144.121 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

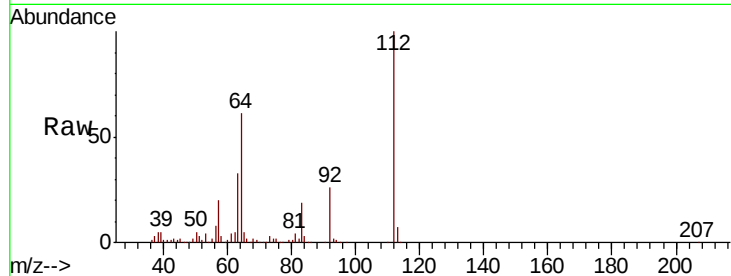
ClientSampleId :

TP-10MSD

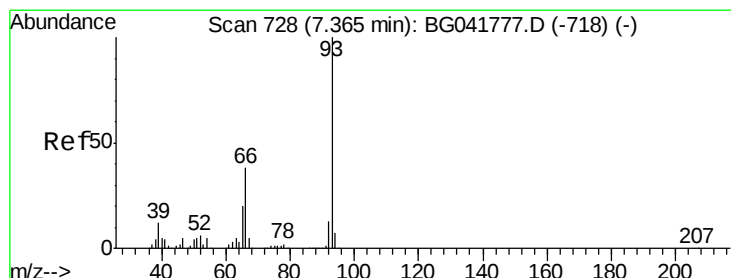
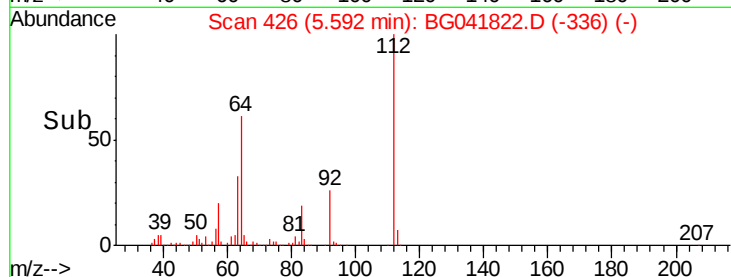
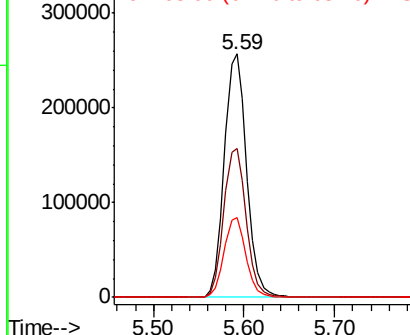
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		438491		
64	61.0	55.4	83.2		
63	32.9	29.1	43.7		

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.303 ng

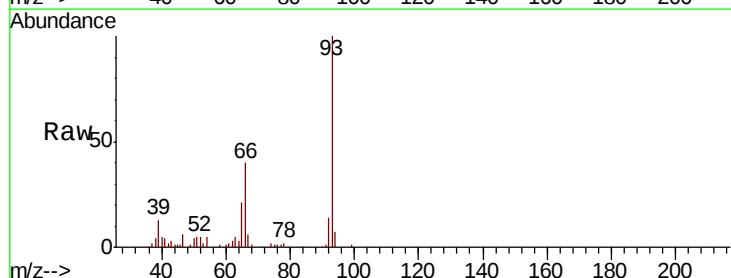
RT: 7.36 min Scan# 727

Delta R.T. -0.00 min

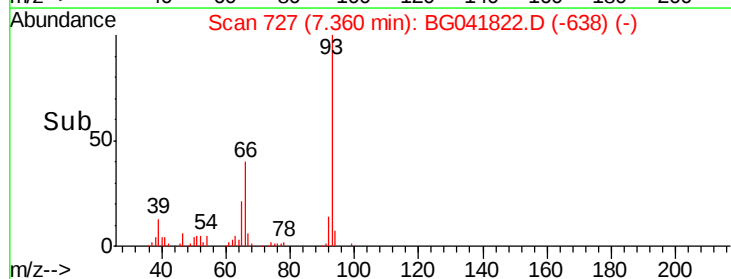
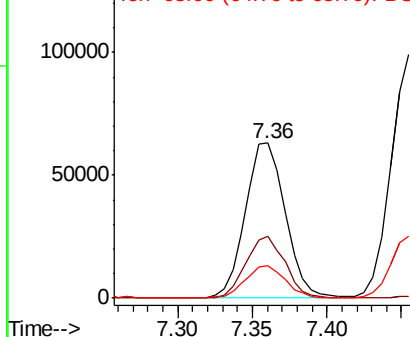
Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		117264		
66	39.6	34.2	51.2		
65	21.0	18.2	27.2		



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.738 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

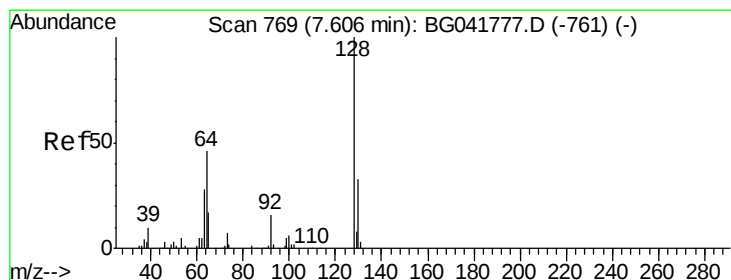
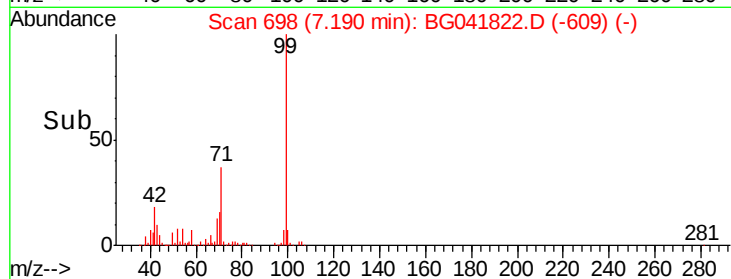
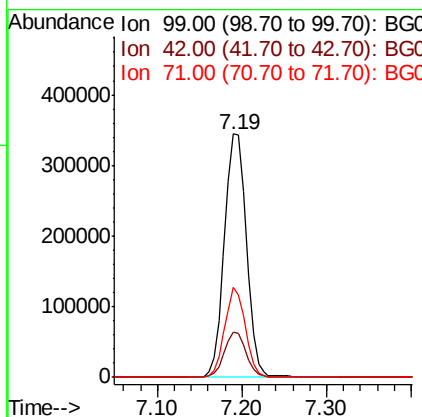
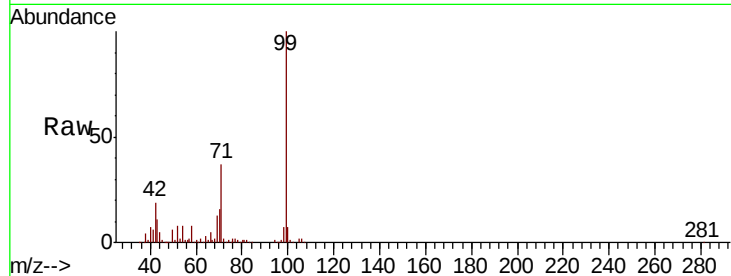
ClientSampleId :

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Tot Ion:	99	Resp:	622401
Ion Ratio	Lower	Upper	
99	100		
42	18.6	17.6	26.4
71	36.8	27.8	41.6

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#8

2-Chlorophenol

Concen: 55.228 ng

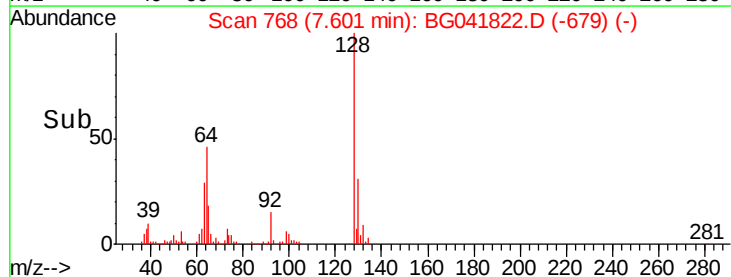
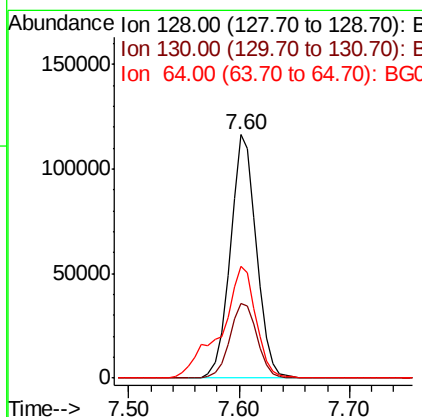
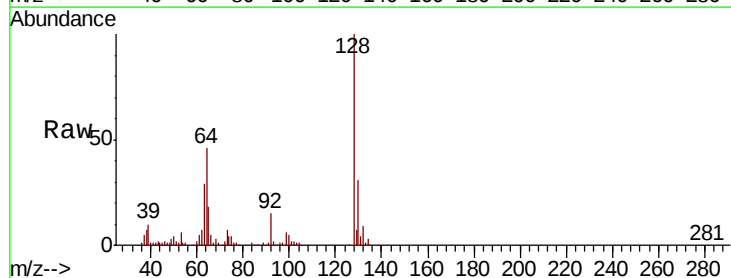
RT: 7.60 min Scan# 768

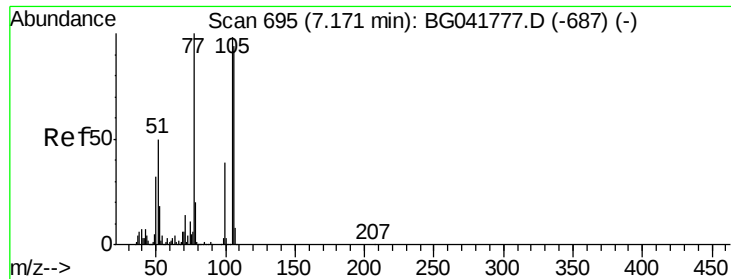
Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Tgt Ion:	128	Resp:	192413
Ion Ratio	Lower	Upper	
128	100		
130	30.7	12.4	52.4
64	46.1	34.9	74.9





#9

Benzaldehyde

Concen: 17.449 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

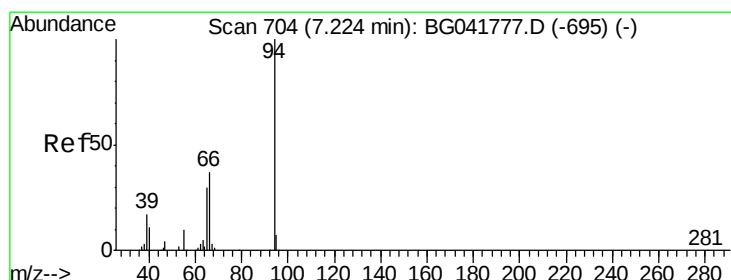
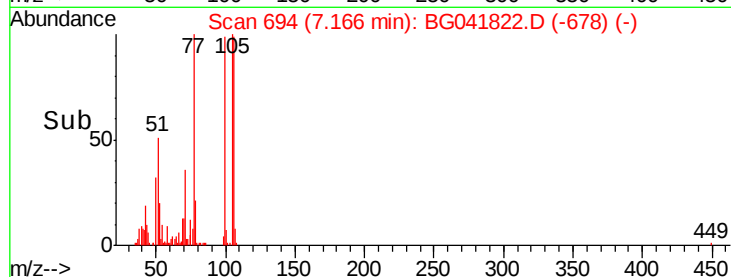
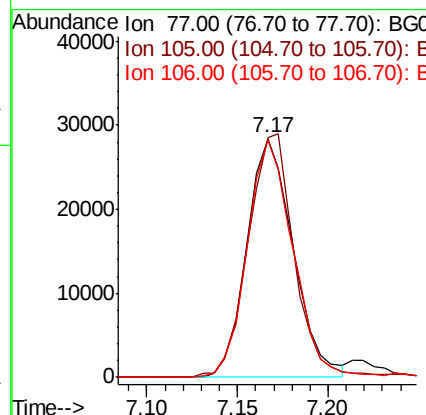
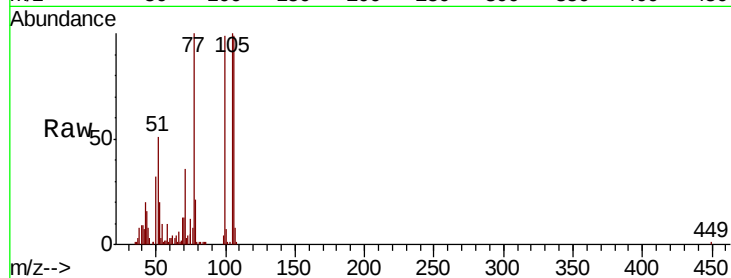
ClientSampleId :

TP-10MSD

Tot Ion:	77	Resp:	50361
Ion Ratio	Lower	Upper	
77	100		
105	100.5	74.6	114.6
106	99.5	71.1	111.1

Manual Integrations
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#10

Phenol

Concen: 50.469 ng

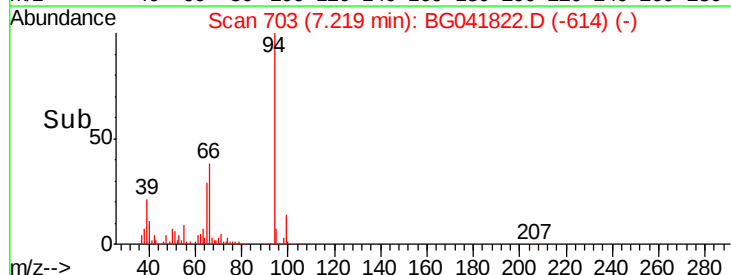
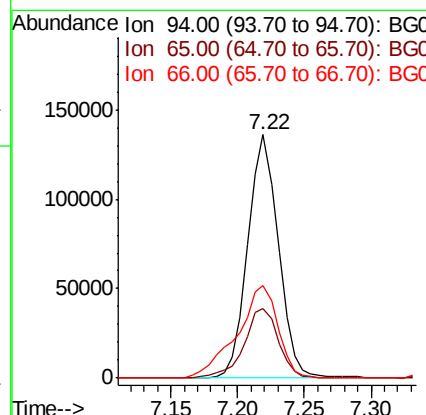
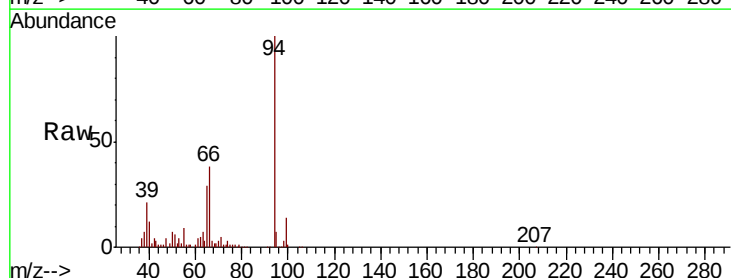
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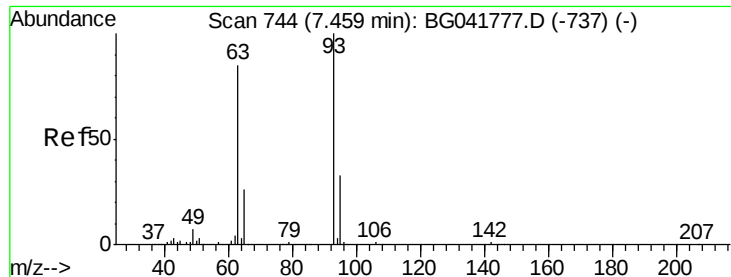
Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Tgt Ion:	94	Resp:	215365
Ion Ratio	Lower	Upper	
94	100		
65	28.8	10.6	50.6
66	38.1	18.2	58.2





#11

bis(2-Chloroethyl)ether

Concen: 44.733 ng

RT: 7.45 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

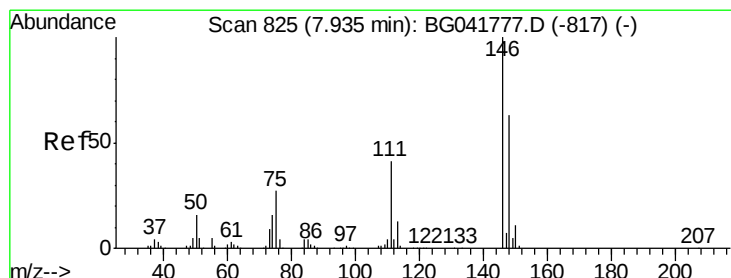
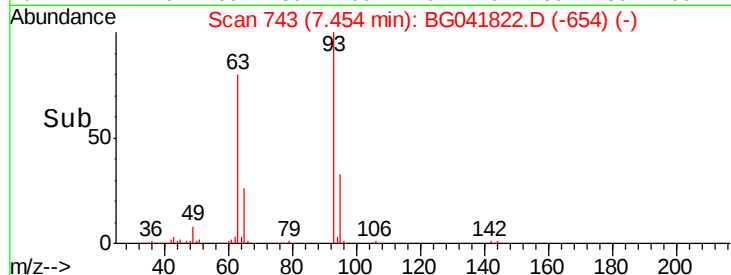
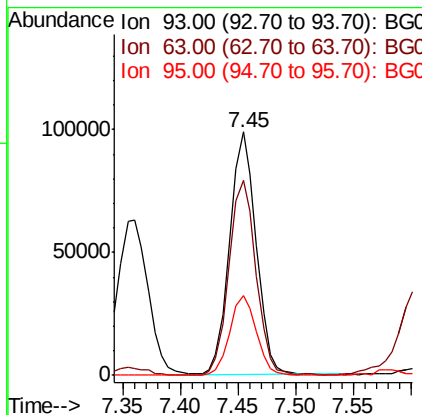
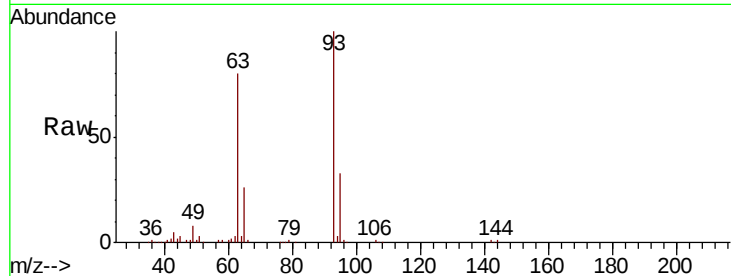
ClientSampled :

TP-10MSD

Tot Ion:	93	Resp:	156932
Ion	Ratio	Lower	Upper
93	100		
63	80.1	70.4	110.4
95	32.6	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 41.307 ng

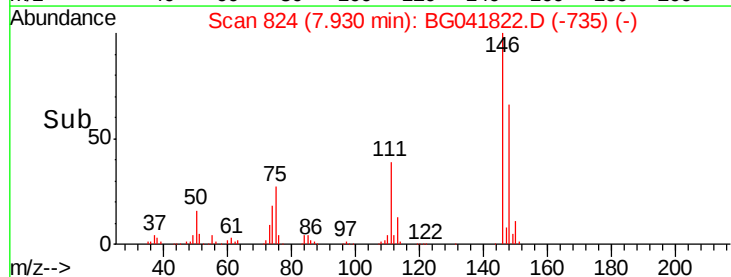
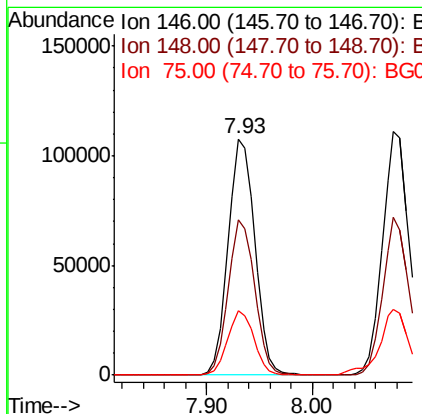
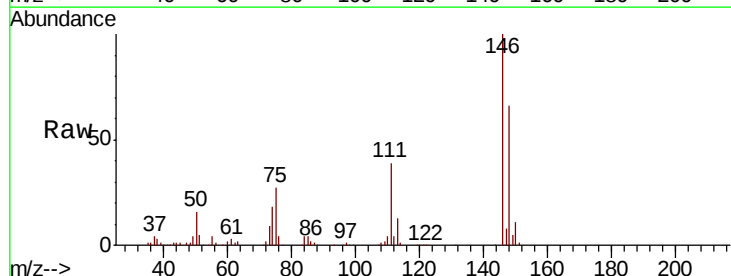
RT: 7.93 min Scan# 824

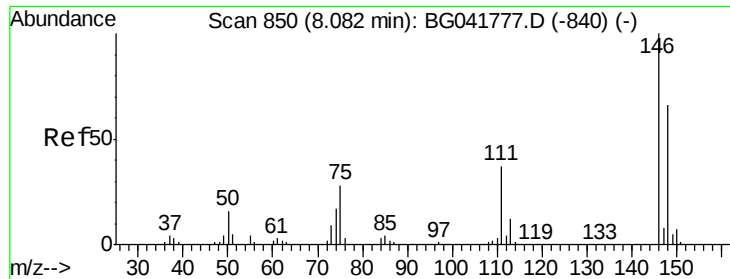
Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Tgt Ion:	146	Resp:	187825
Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.5	77.3
75	27.1	23.2	34.8





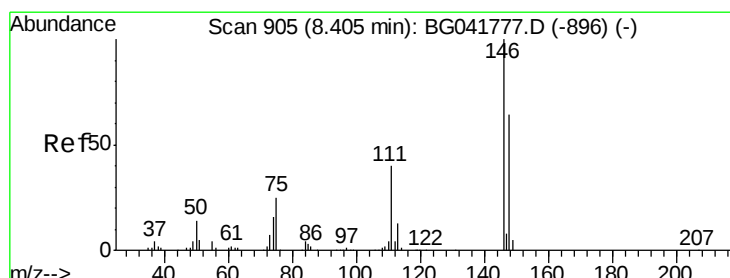
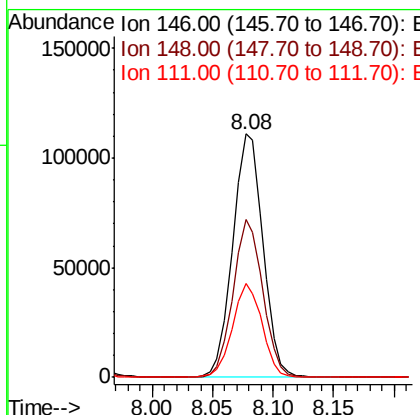
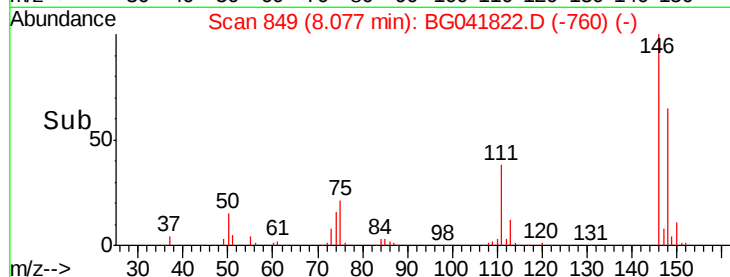
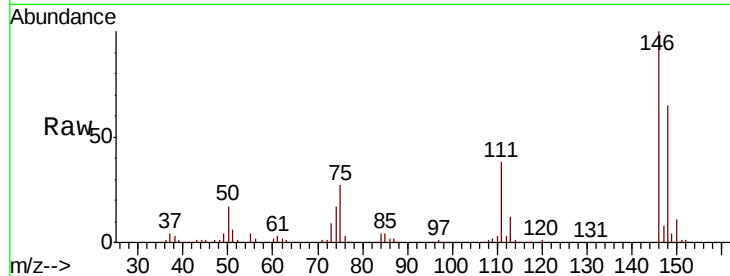
#13
 1,4-Dichlorobenzene
 Concen: 42.696 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Instrument :
 BNA_G
 ClientSampled :
 TP-10MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.6	79.0
111	38.5	32.5	48.7

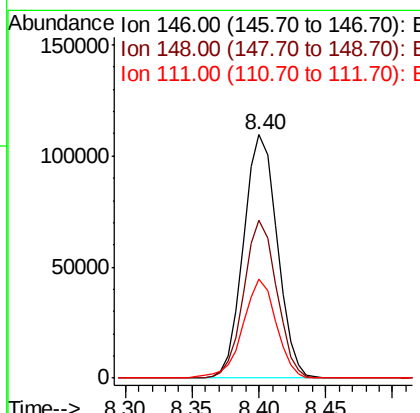
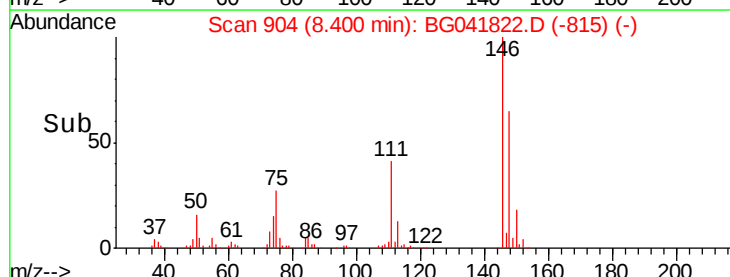
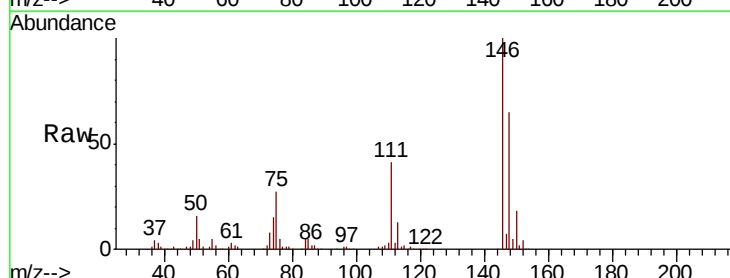
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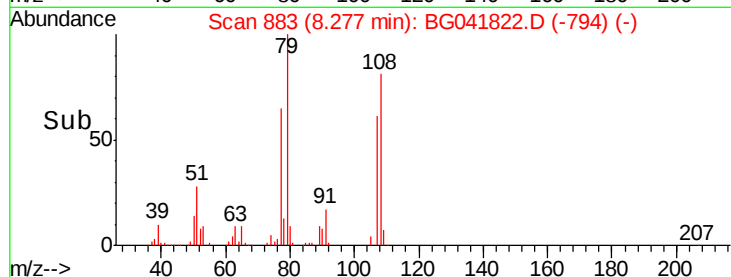
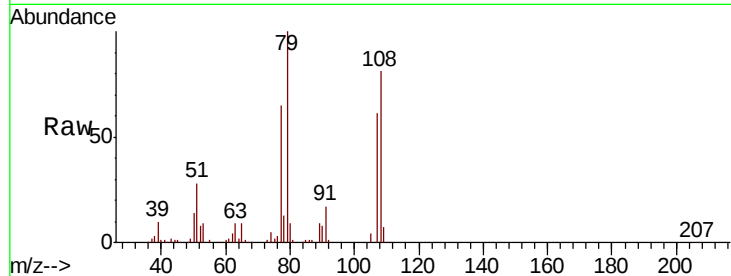
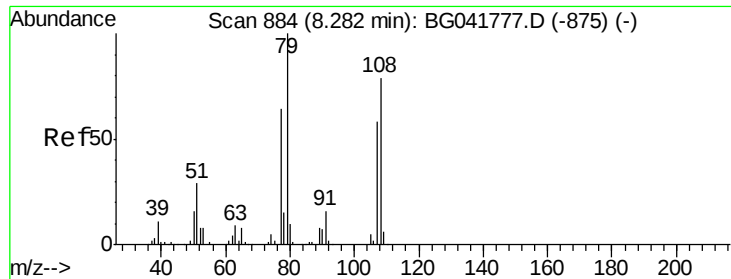
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 44.000 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.5	80.3
111	40.8	35.4	53.0





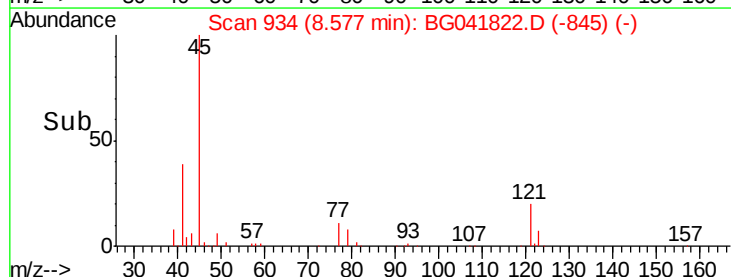
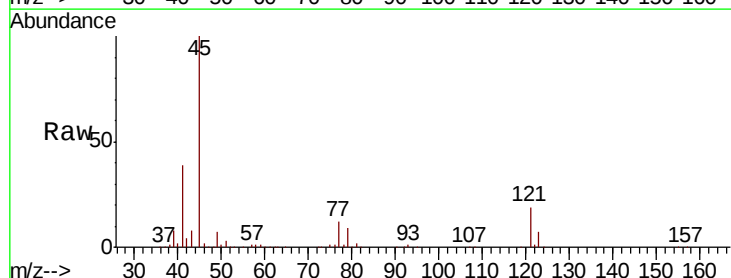
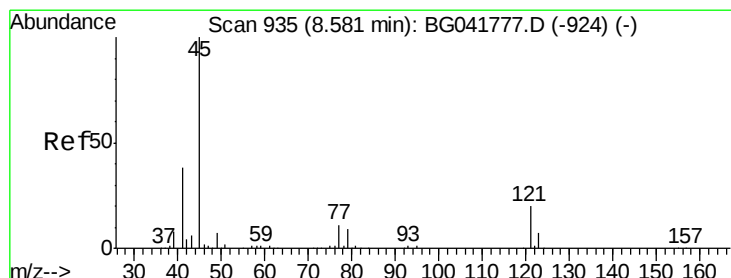
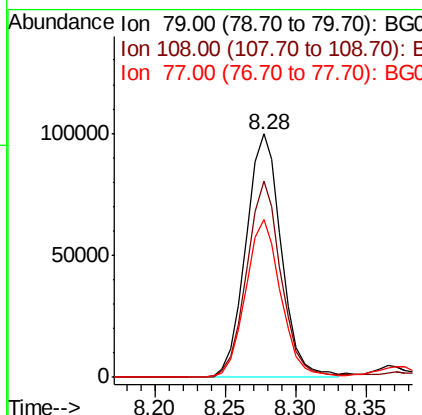
#15
Benzyl Alcohol
Concen: 54.419 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.6	60.5	90.7
77	64.7	50.6	75.8

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

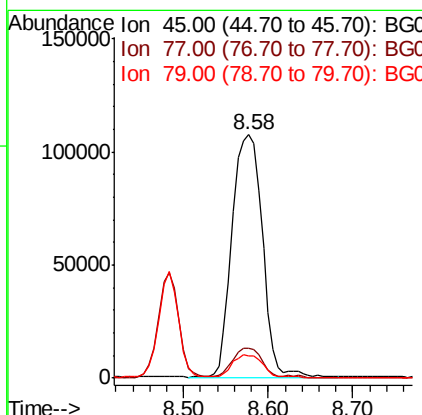
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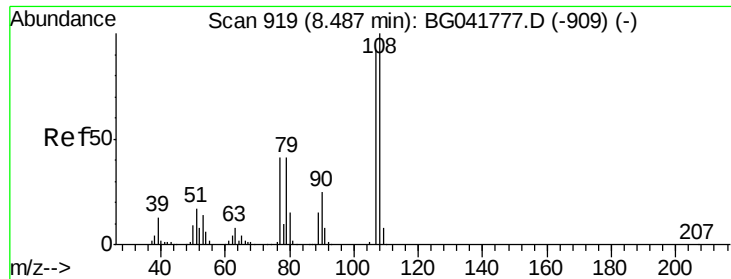
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.541 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	30.4
79	8.9	0.0	27.9





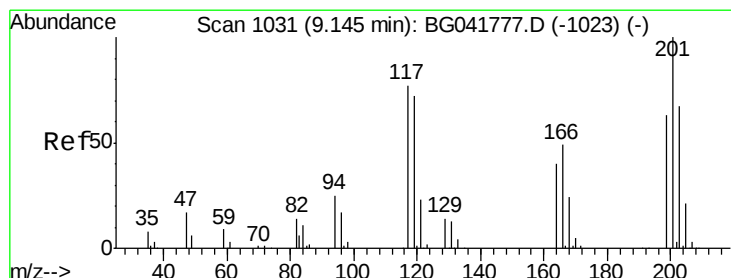
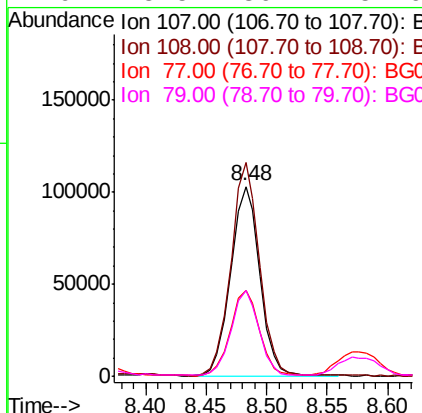
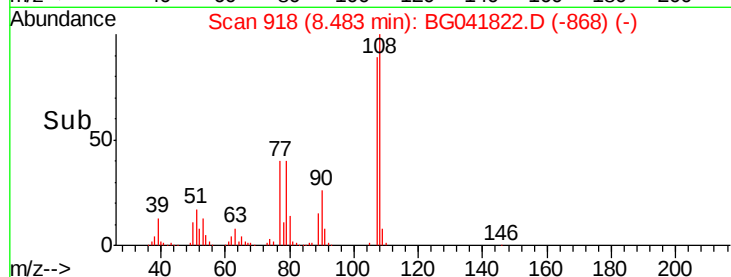
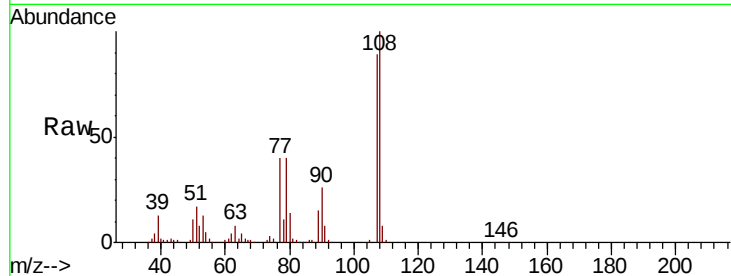
#17
2-Methylphenol
Concen: 55.606 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	87.6	131.4	
77	45.3	36.1	54.1	
79	45.5	36.4	54.6	

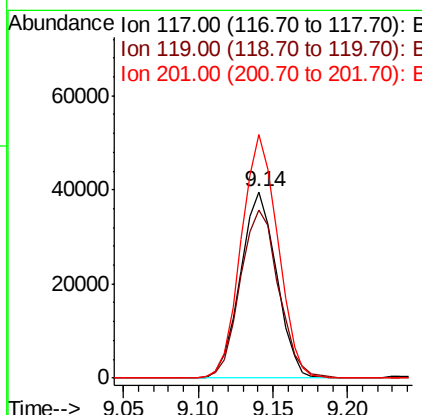
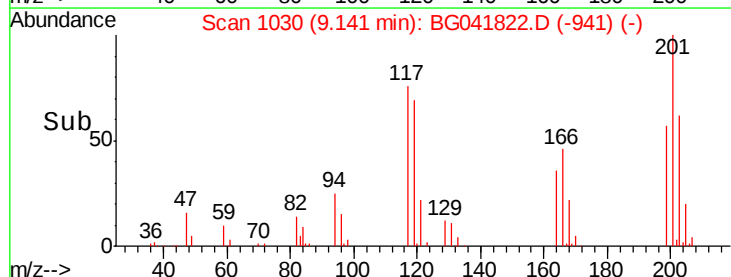
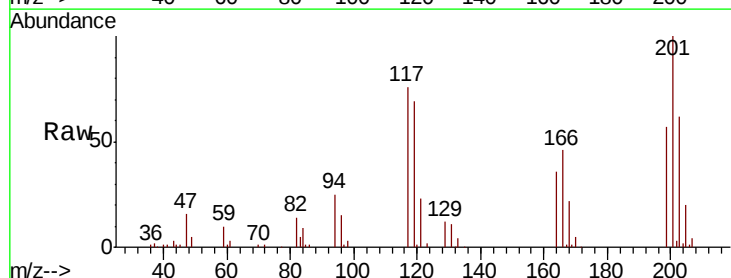
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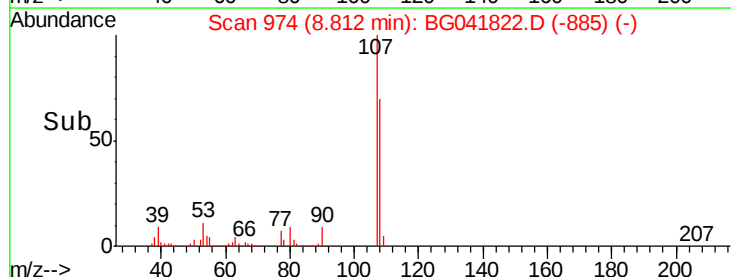
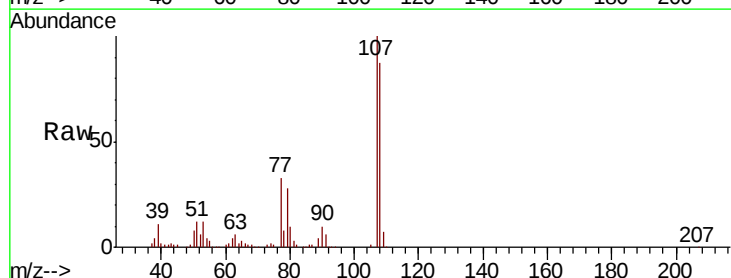
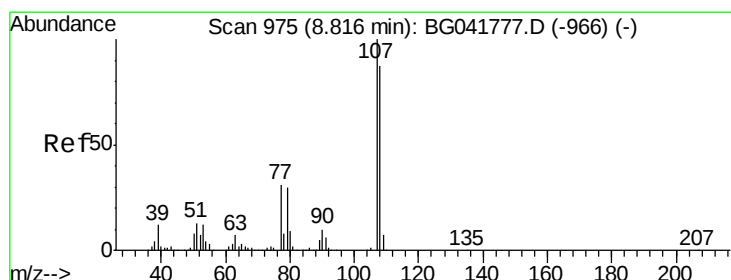
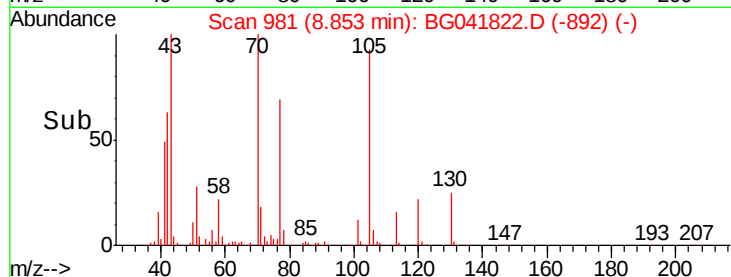
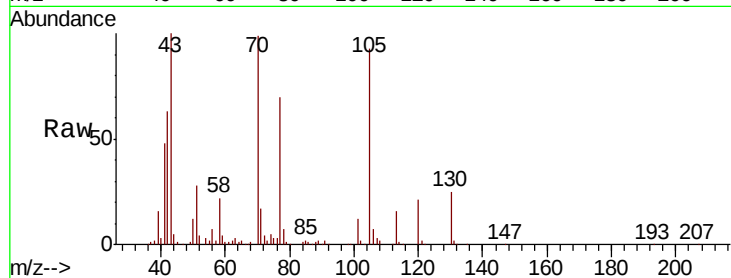
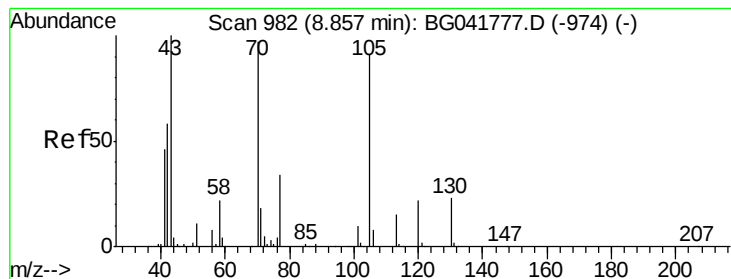
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#18
Hexachloroethane
Concen: 42.480 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.6	76.2	114.2	
201	130.9	94.1	141.1	





#19

n-Nitroso-di-n-propylamine

Concen: 51.836 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

TP-10MSD

Tot Ion: 70 Resp: 154366

Ion Ratio Lower Upper

70 100

42 63.2 55.8 83.6

101 11.7 8.1 12.1

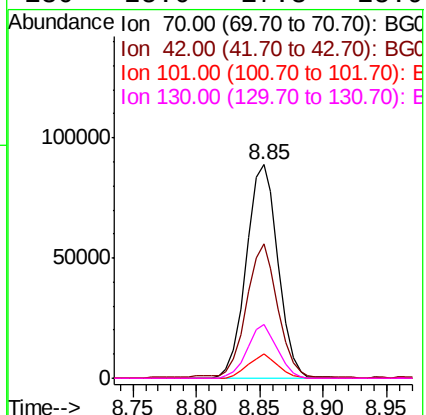
130 25.0 17.3 25.9

Manual Integrations

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#20

3+4-Methylphenols

Concen: 59.065 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Tgt Ion:107 Resp: 250843

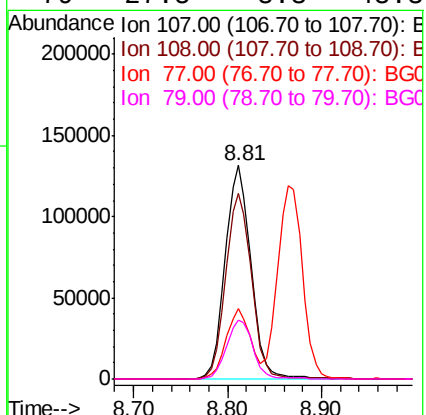
Ion Ratio Lower Upper

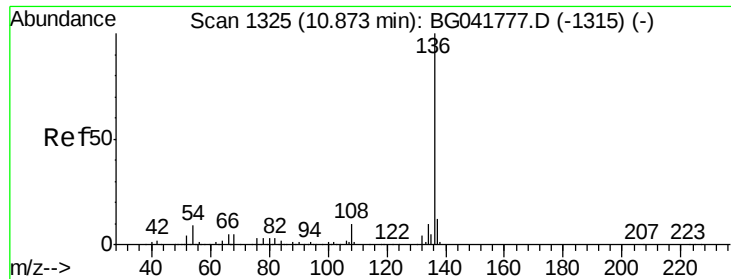
107 100

108 86.9 67.5 107.5

77 32.8 12.3 52.3

79 27.5 8.3 48.3





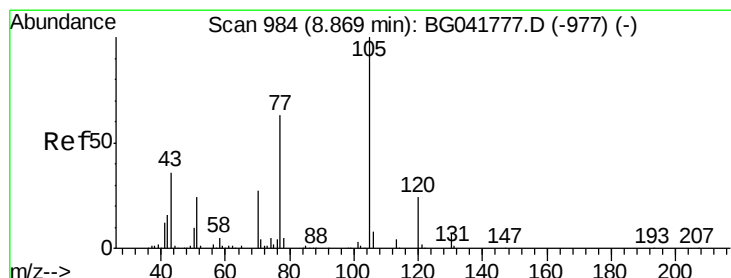
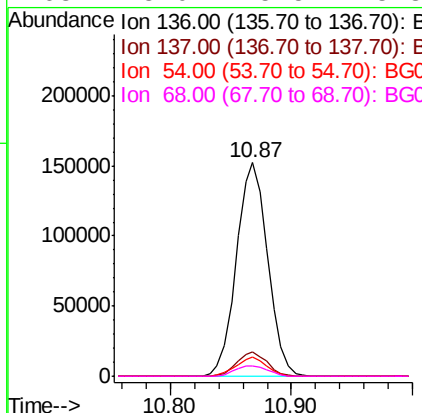
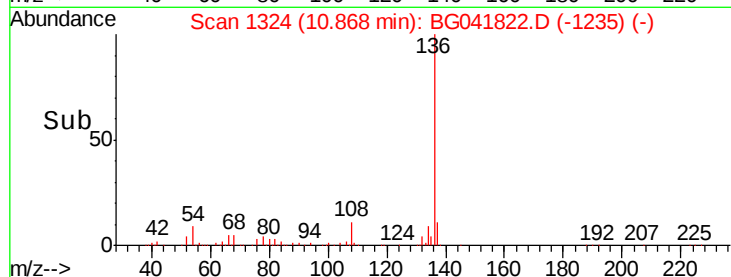
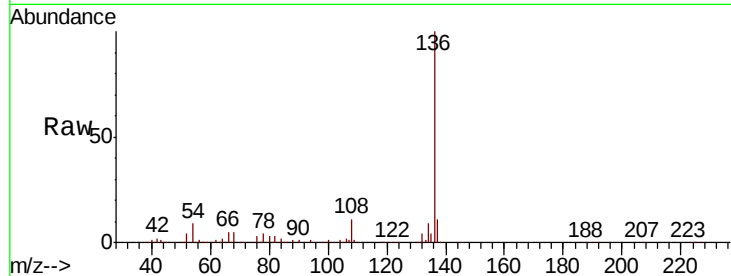
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	274397		
137	11.4	9.2	13.8	
54	9.3	8.7	13.1	
68	5.0	5.5	8.3#	

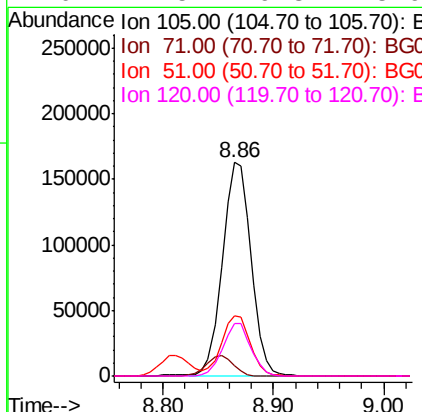
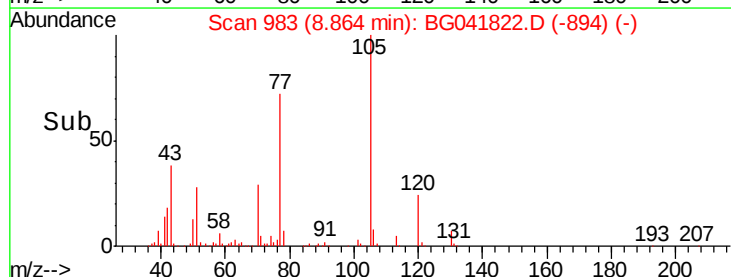
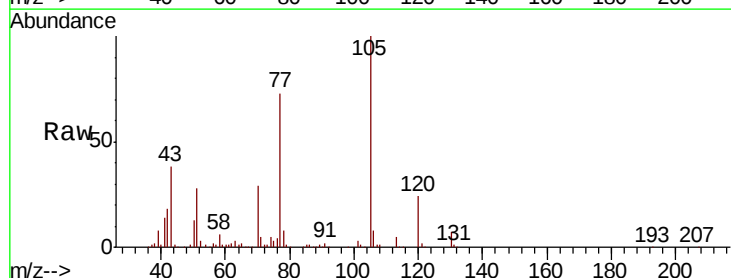
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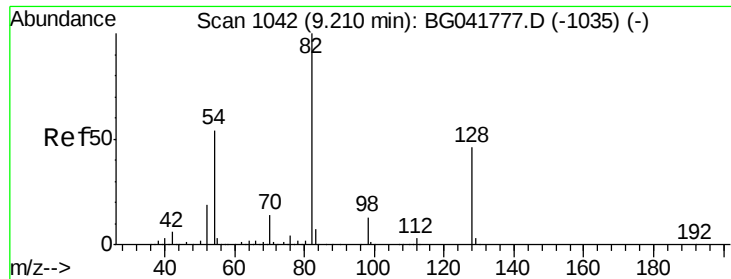
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#22
Acetophenone
Concen: 47.843 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	293640		
71	4.9	5.9	8.9#	
51	28.1	27.7	41.5	
120	24.5	19.3	28.9	





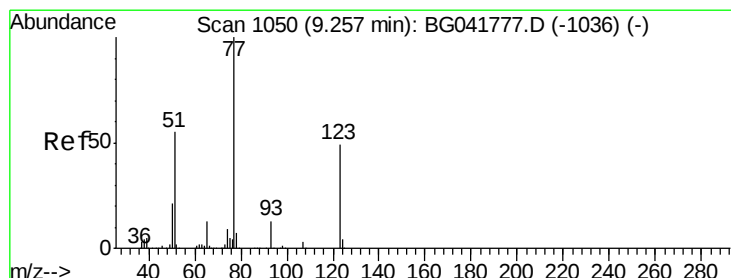
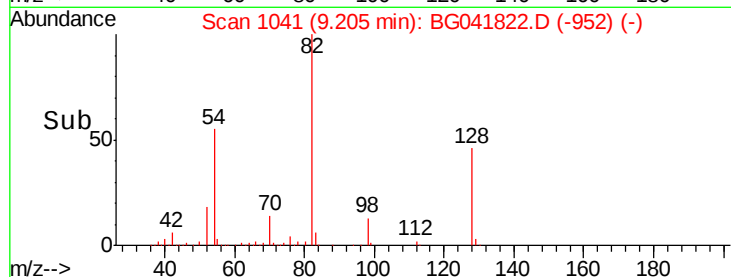
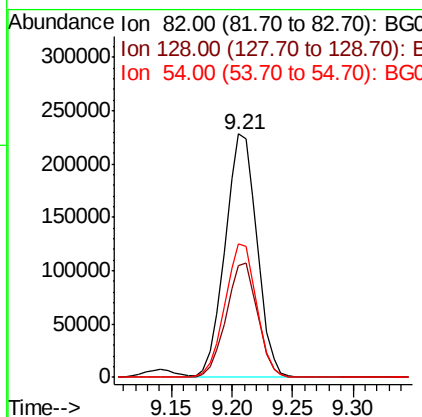
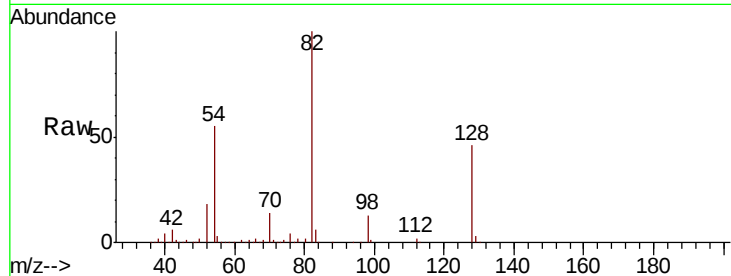
#23
Nitrobenzene-d5
Concen: 104.642 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion	82	Resp	417250
Ion Ratio	100	Lower	Upper
82	100		
128	46.0	35.1	52.7
54	54.8	48.7	73.1

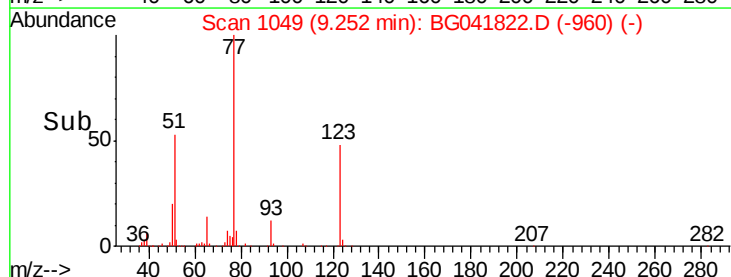
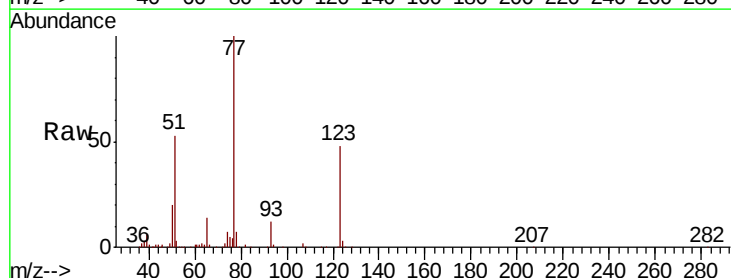
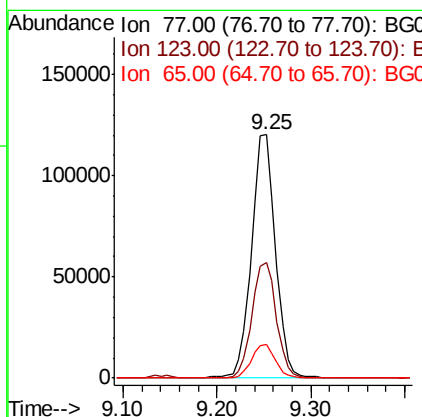
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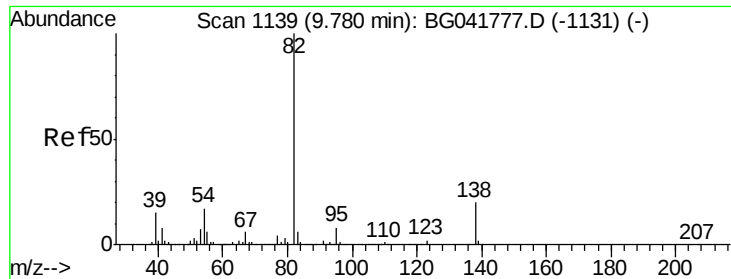
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#24
Nitrobenzene
Concen: 50.610 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	77	Resp	212599
Ion Ratio	100	Lower	Upper
77	100		
123	47.6	38.1	57.1
65	13.6	11.0	16.6





#25

Isophorone

Concen: 53.106 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

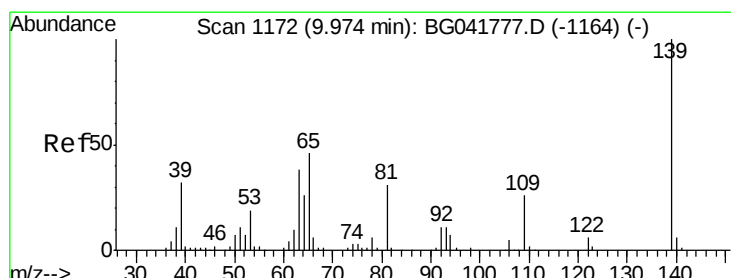
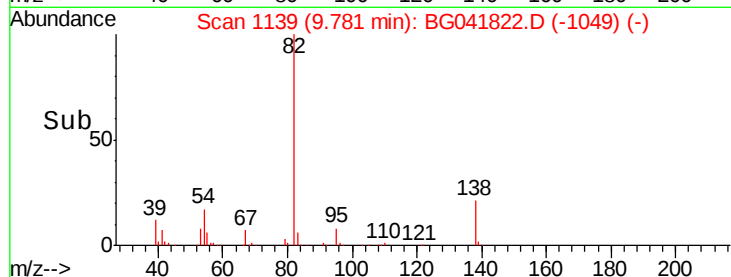
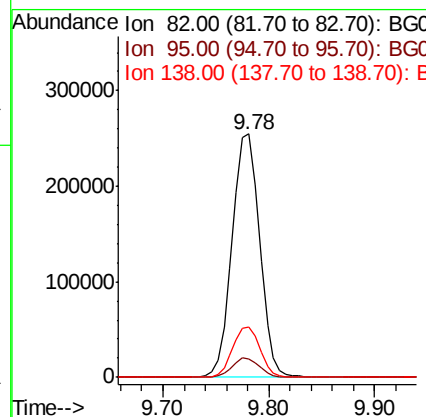
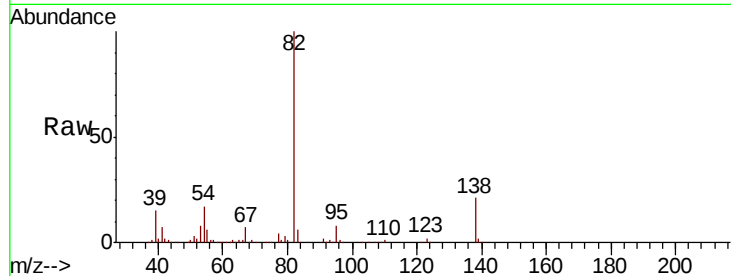
ClientSampleId :

TP-10MSD

Tot Ion	82	Resp	460636
Ion Ratio	100	Lower	Upper
82	100		
95	7.7	5.9	8.9
138	20.5	16.3	24.5

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#26

2-Nitrophenol

Concen: 61.472 ng

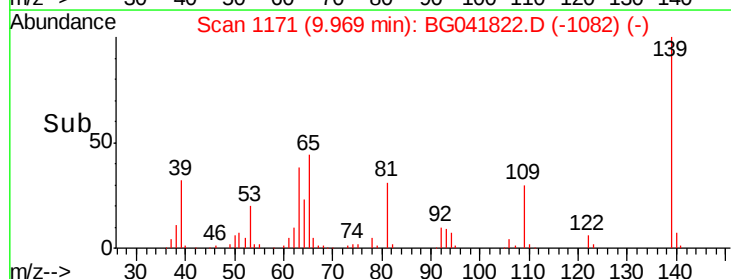
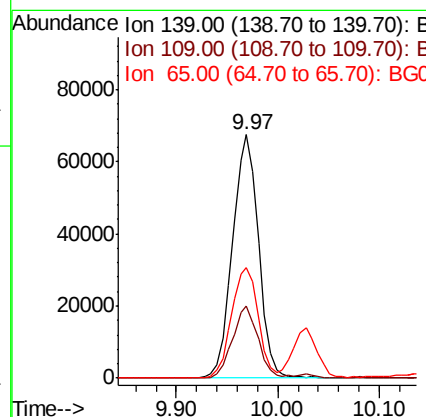
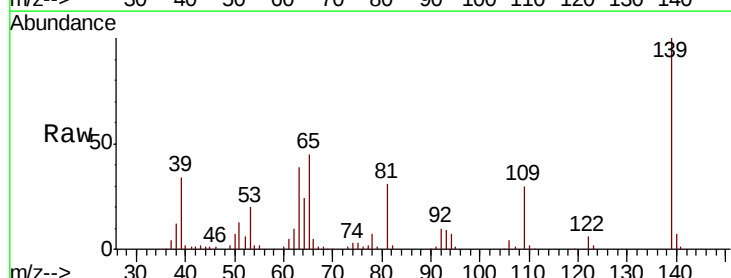
RT: 9.97 min Scan# 1171

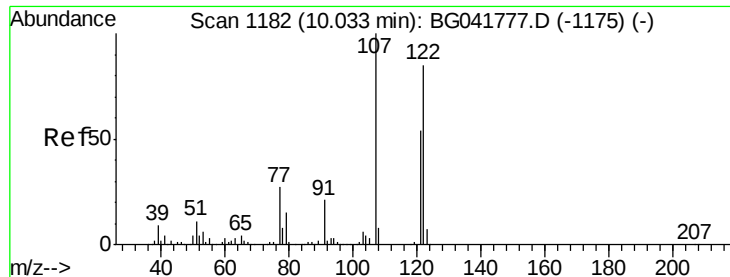
Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Tgt Ion	139	Resp	119847
Ion Ratio	100	Lower	Upper
139	100		
109	29.7	22.7	34.1
65	45.2	41.1	61.7





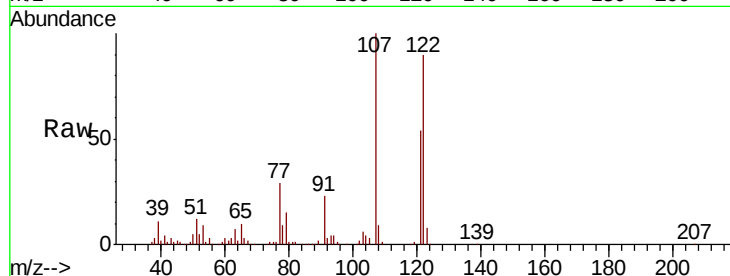
#27
2,4-Dimethylphenol
Concen: 62.698 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	91.3	136.9
121	59.6	49.2	73.8

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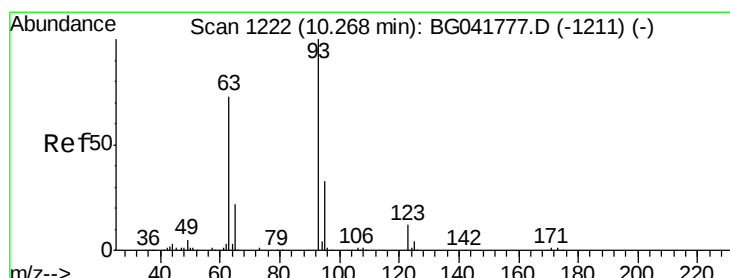
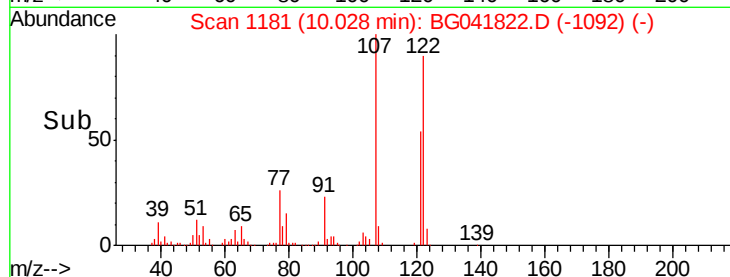
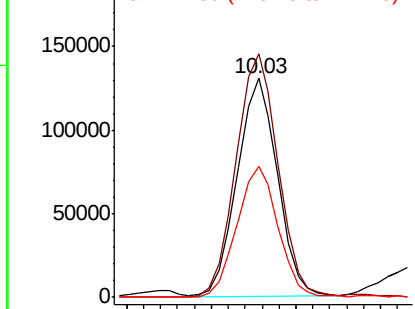


Abundance

Ion 122.00 (121.70 to 122.70): E

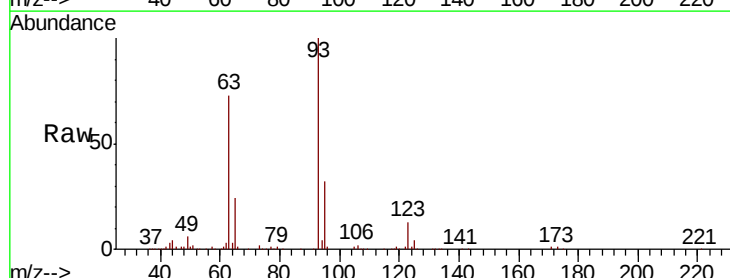
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 47.198 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.4
123	12.5	9.9	14.9

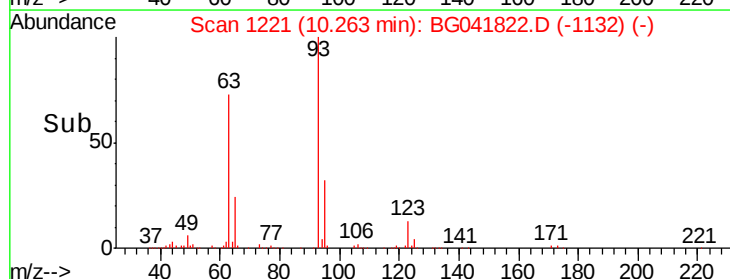
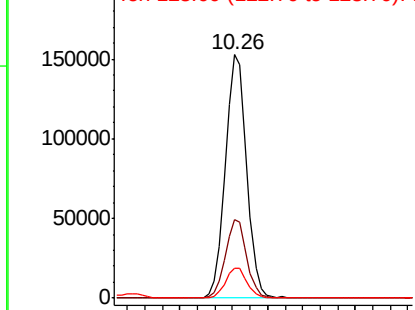


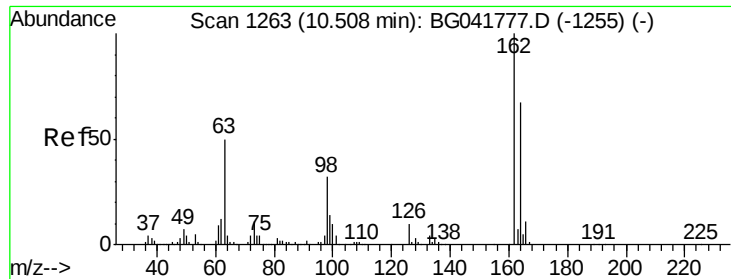
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





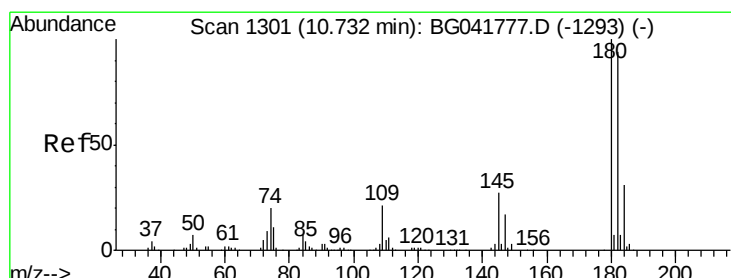
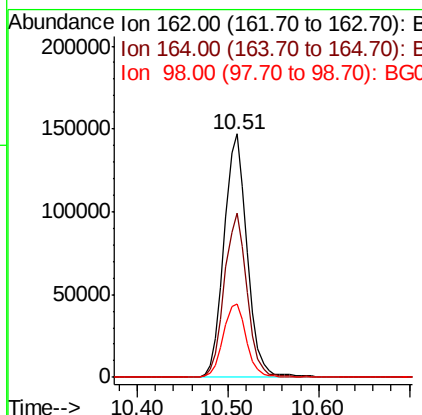
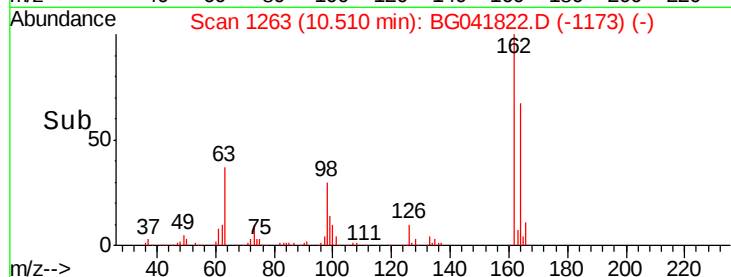
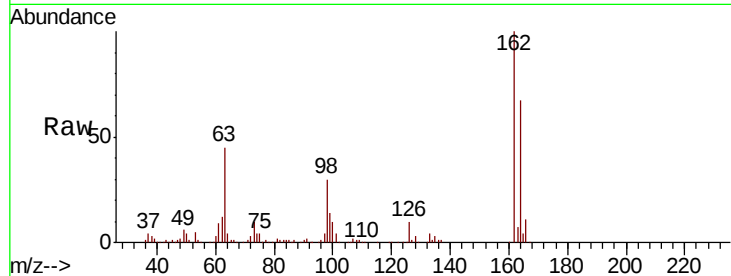
#29
 2,4-Dichlorophenol
 Concen: 61.891 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-10MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.2	46.1	86.1
98	30.1	14.7	54.7

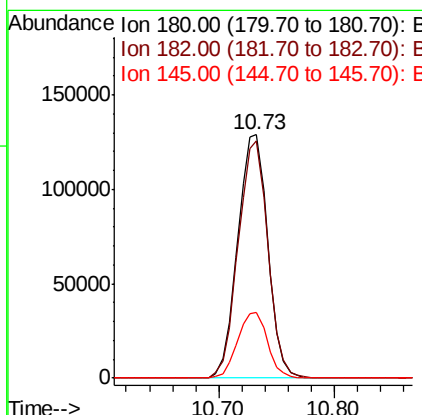
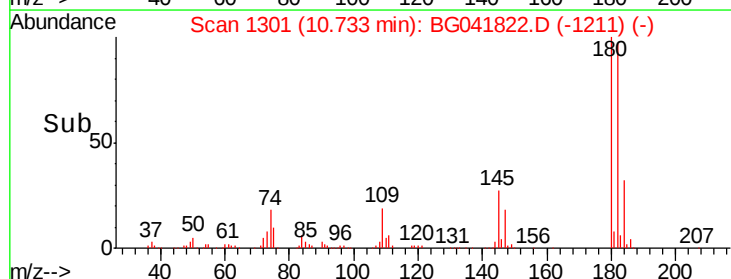
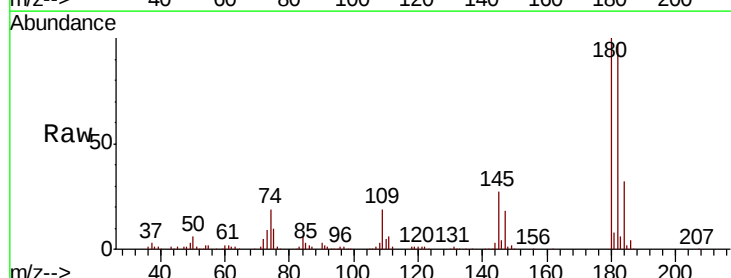
Manual Integrations
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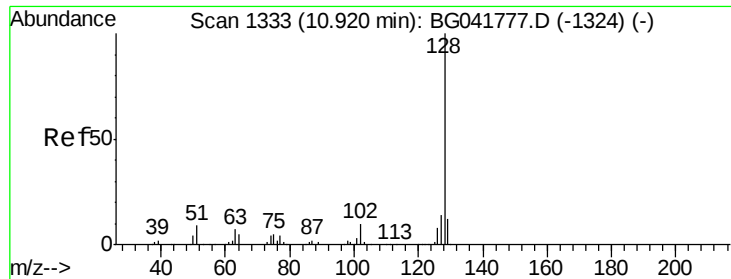
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.776 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.2	114.2
145	27.0	23.8	35.8





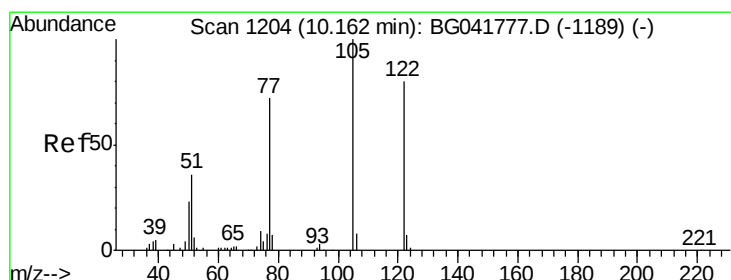
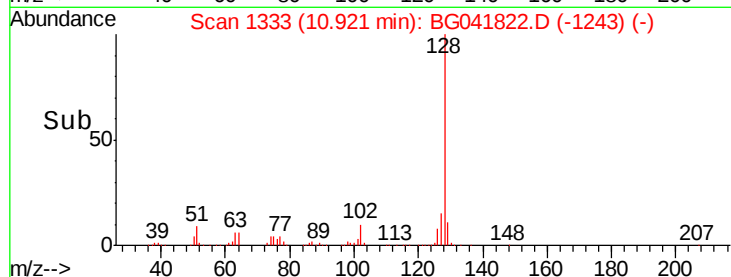
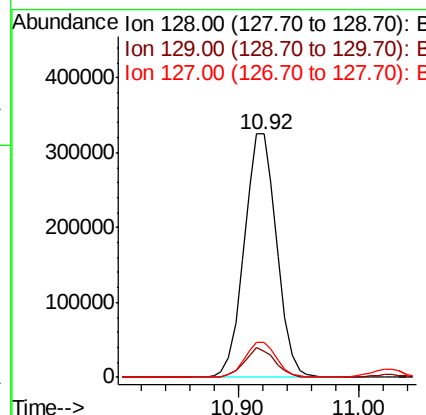
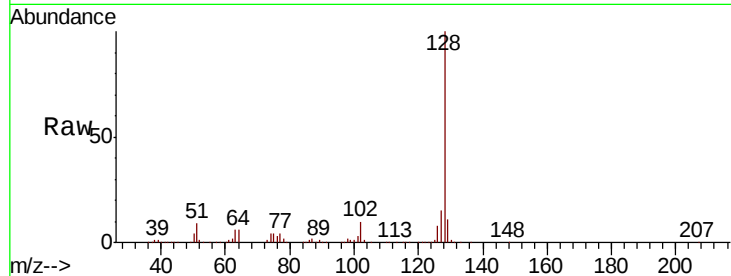
#31
Naphthalene
Concen: 48.231 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	10.0	15.0
127	14.5	12.3	18.5

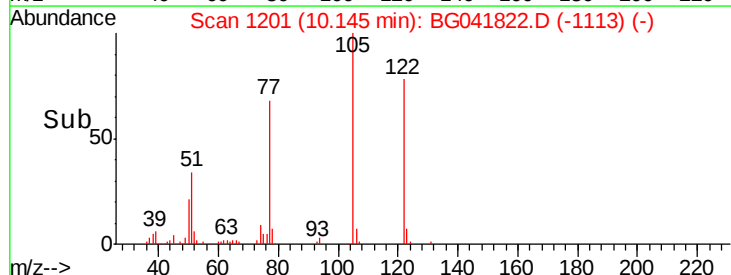
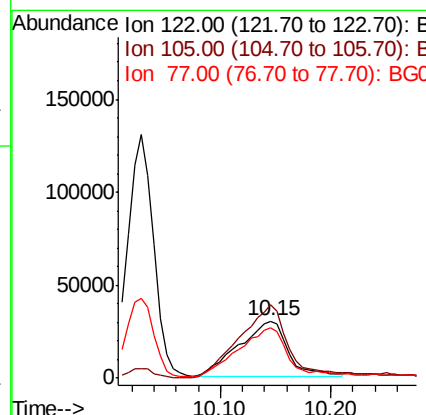
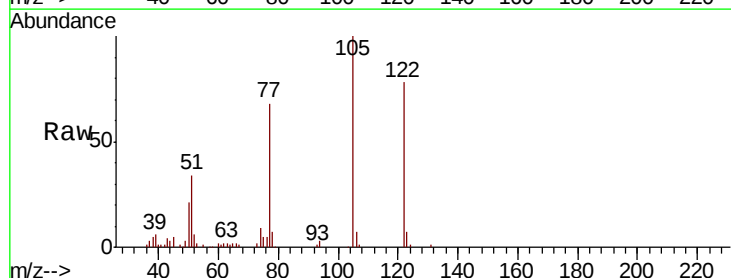
Manual Integrations
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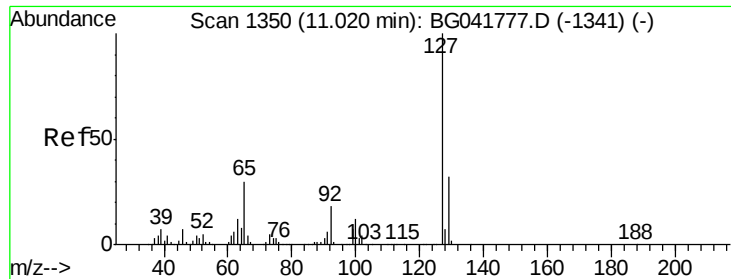
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#32
Benzoic acid
Concen: 39.086 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.5	101.5	141.5
77	88.0	73.0	113.0





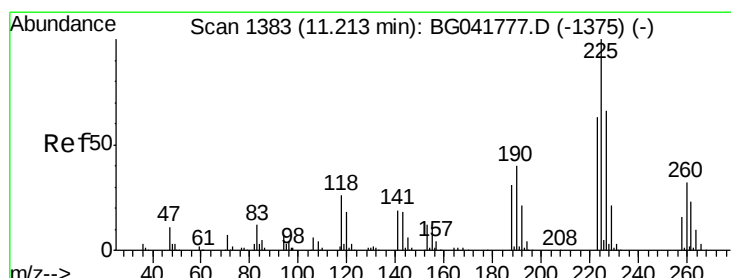
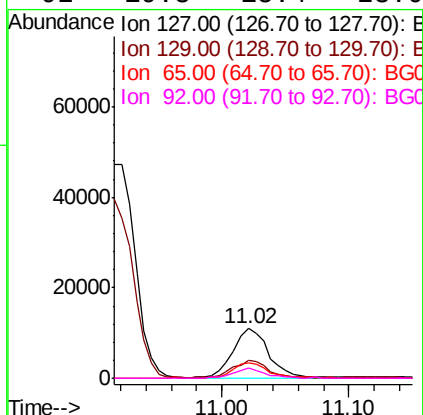
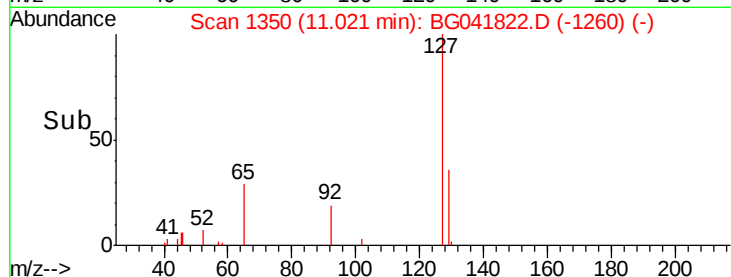
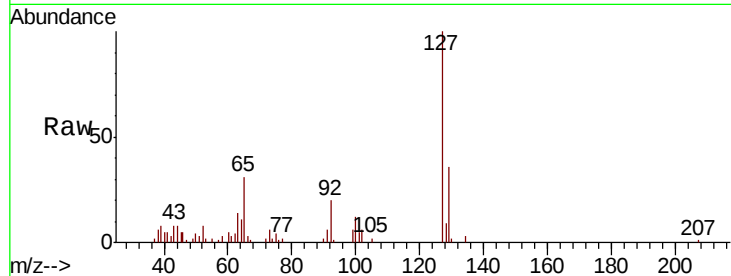
#33
4-Chloroaniline
Concen: 3.710 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion:	127	Resp:	22097
Ion Ratio	Lower	Upper	
127	100		
129	35.5	25.8	38.8
65	31.0	26.7	40.1
92	19.8	15.4	23.0

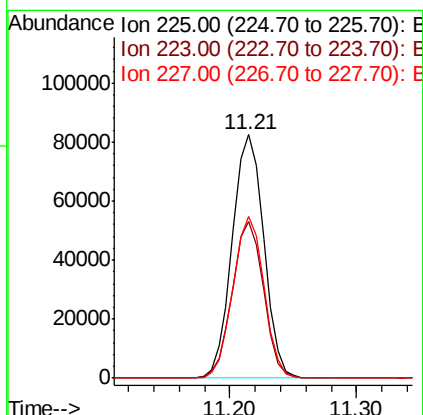
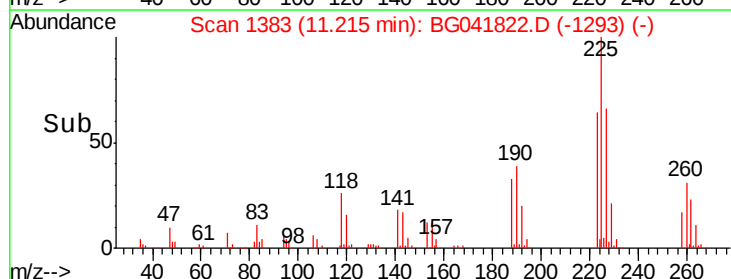
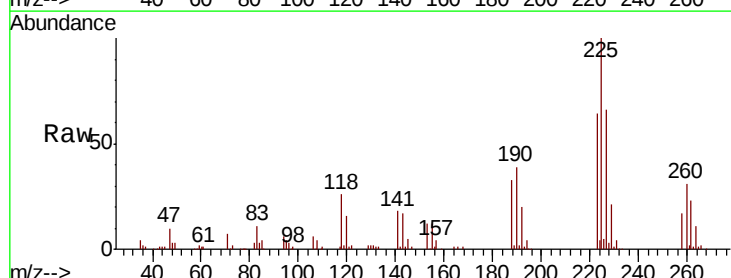
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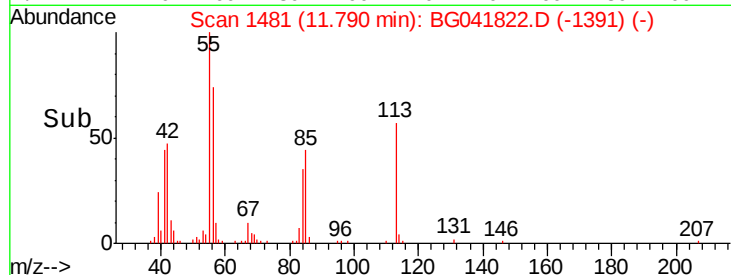
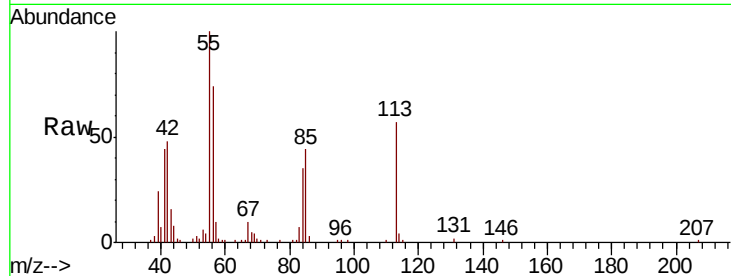
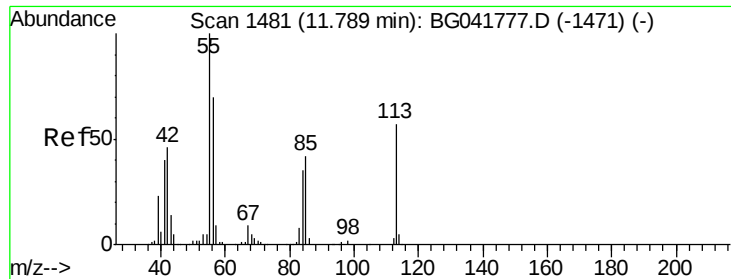
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#34
Hexachlorobutadiene
Concen: 39.585 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion:	225	Resp:	141964
Ion Ratio	Lower	Upper	
225	100		
223	64.2	51.1	76.7
227	66.2	50.9	76.3





#35

Caprolactam

Concen: 66.741 ng/mL

RT: 11.79 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

TP-10MSD

Tot Ion:113 Resp: 97191

Ion Ratio Lower Upper

113 100

55 176.3 199.4 239.4#

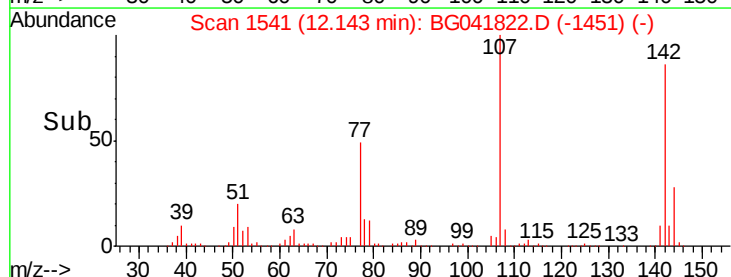
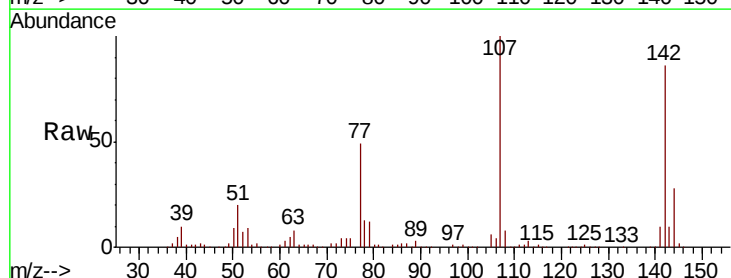
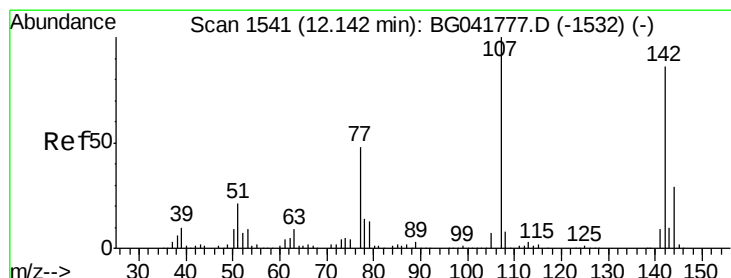
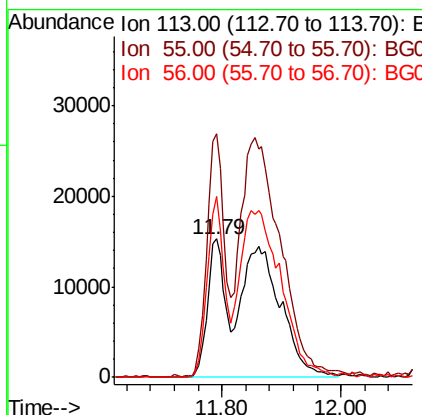
56 130.6 133.6 173.6#

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 76.293 ng/mL

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

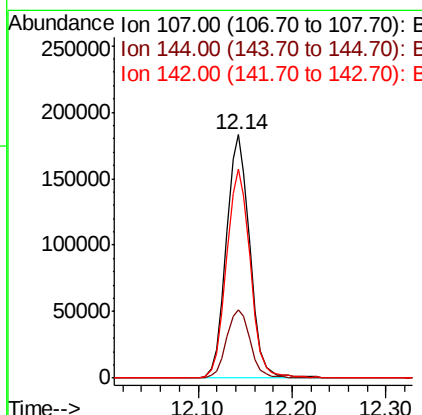
Tgt Ion:107 Resp: 316946

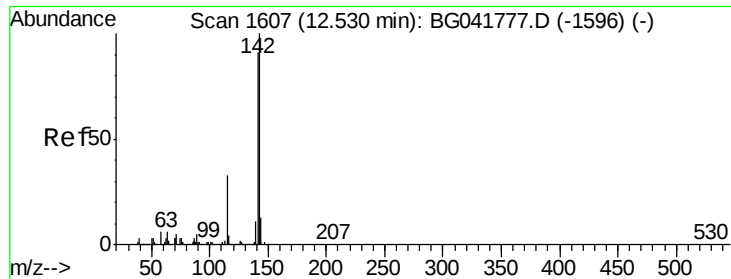
Ion Ratio Lower Upper

107 100

144 28.3 22.2 33.2

142 86.1 67.3 100.9





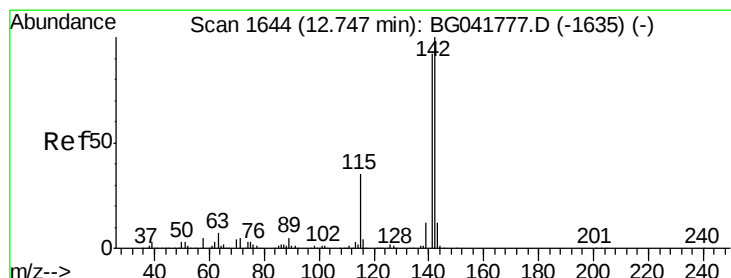
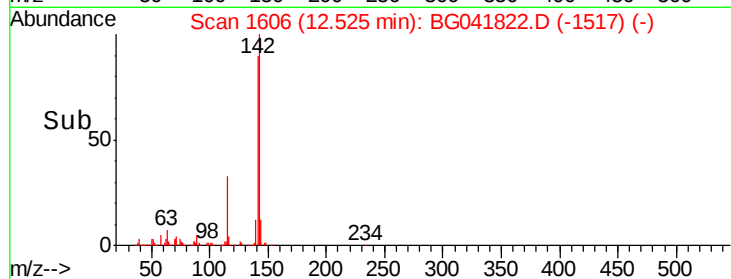
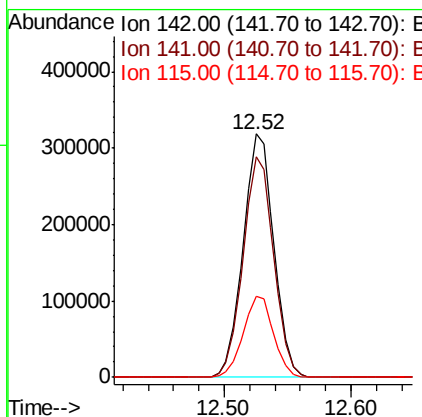
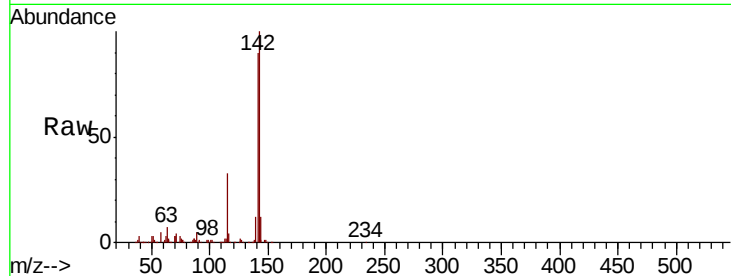
#37
2-Methylnaphthalene
Concen: 53.787 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.7	109.1
115	33.3	27.0	40.4

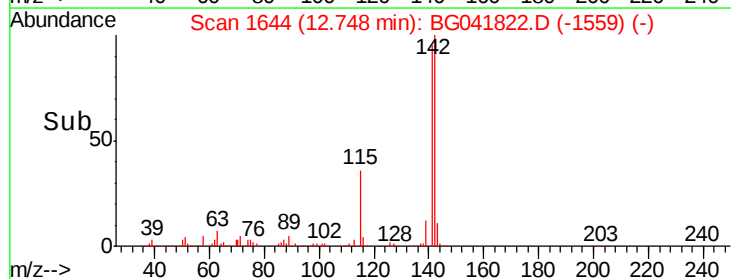
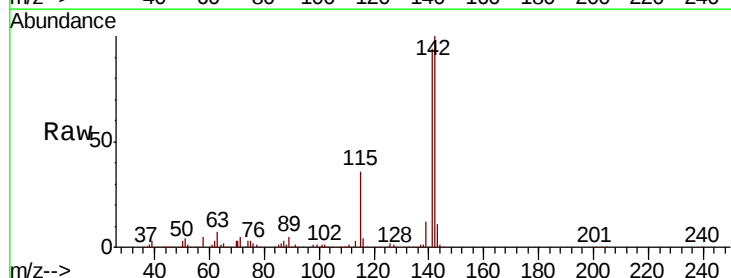
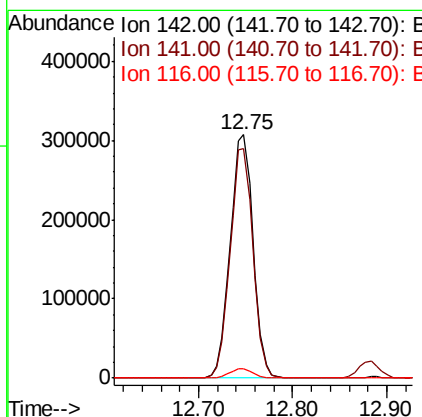
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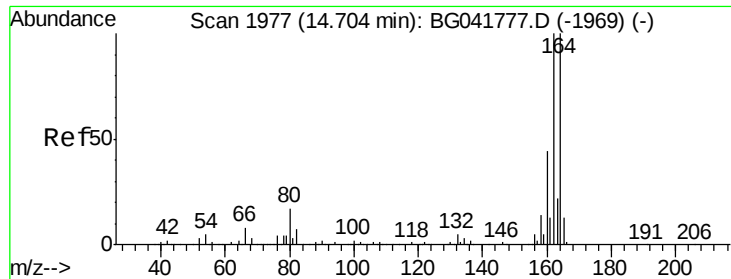
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#38
1-Methylnaphthalene
Concen: 55.077 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.4	113.2
116	3.6	3.2	4.8





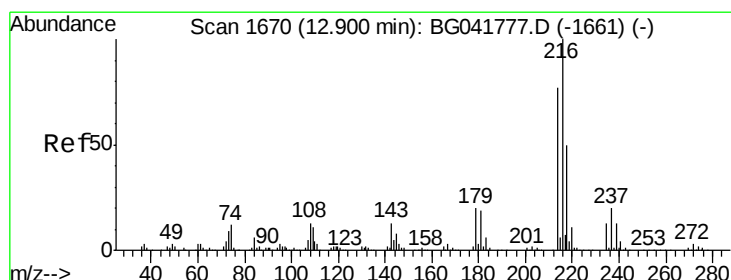
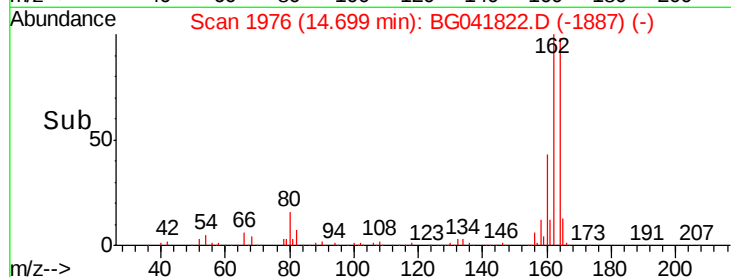
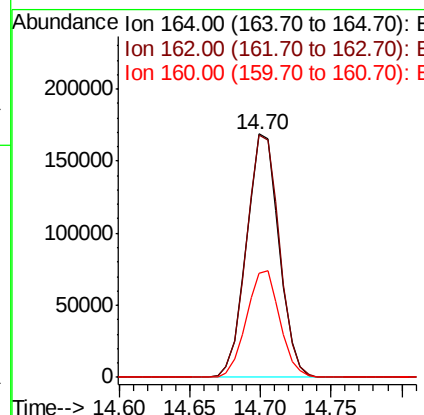
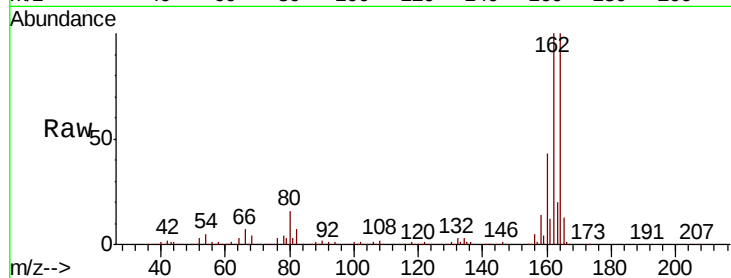
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.6	119.4
160	42.7	35.4	53.0

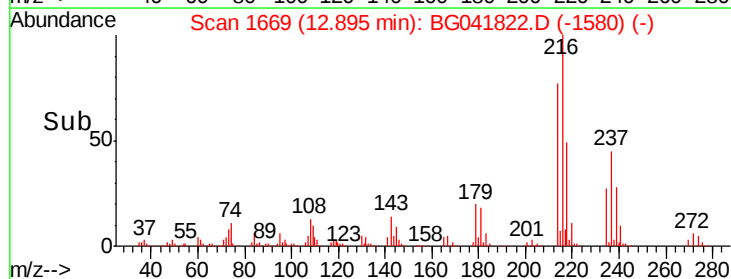
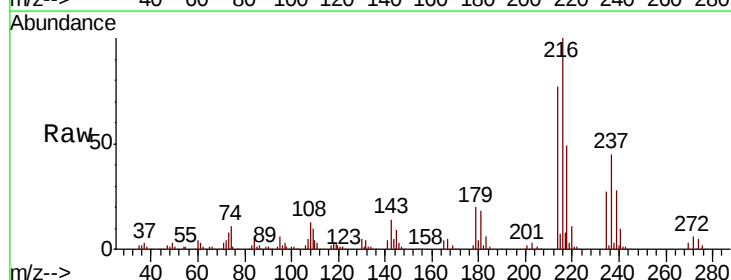
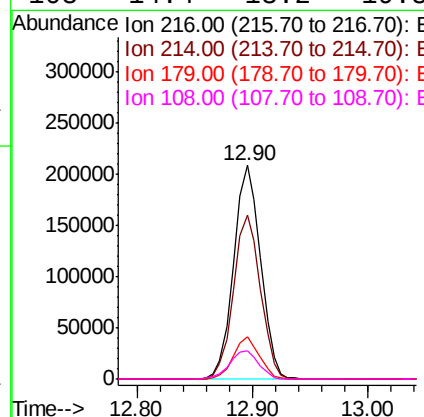
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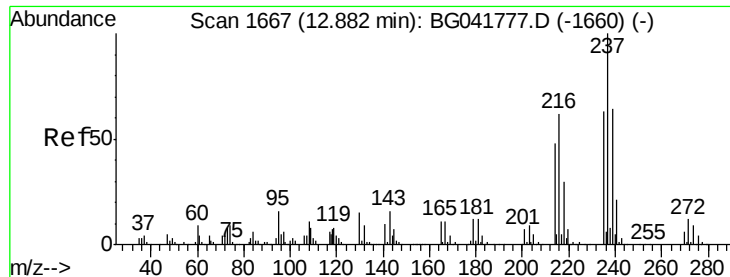
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.834 ng
RT: 12.90 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.8	61.5	92.3
179	18.9	16.2	24.2
108	14.4	13.2	19.8





#41

Hexachlorocyclopentadiene

Concen: 69.730 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

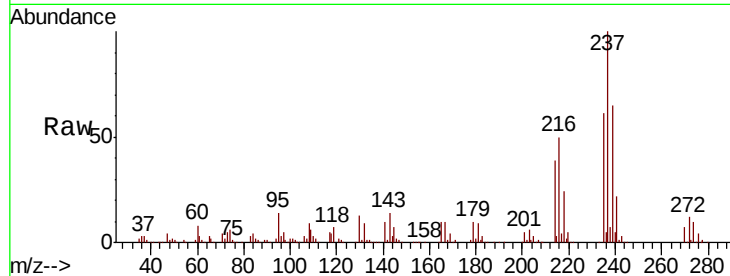
ClientSampleId :

TP-10MSD

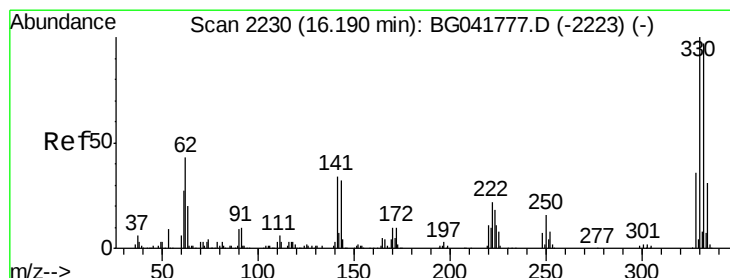
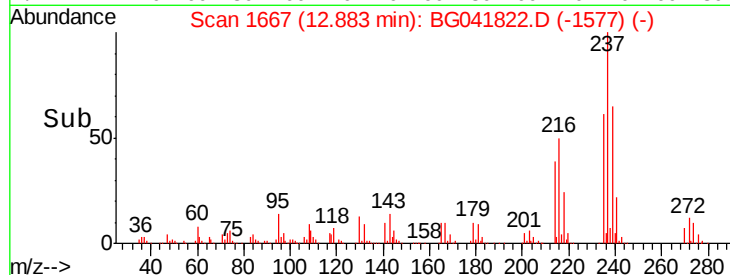
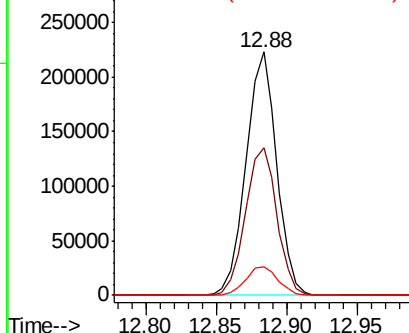
Tot Ion:	237	Resp:	339210
Ion Ratio	Lower	Upper	
237	100		
235	60.8	43.5	83.5
272	12.0	0.0	31.2

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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: 199.630 ng

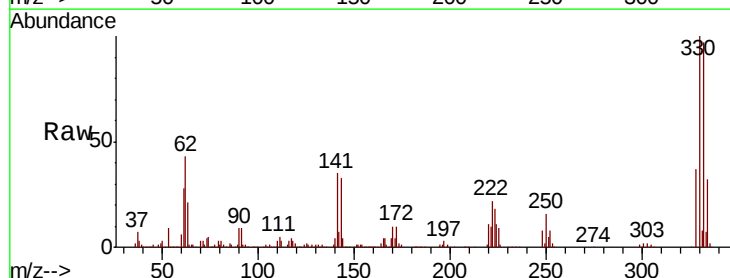
RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

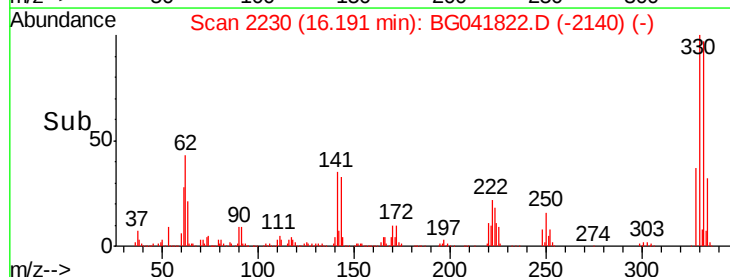
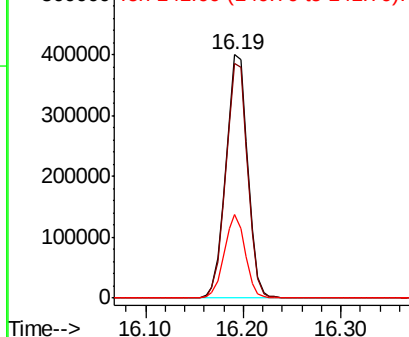
Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Tgt Ion:	330	Resp:	619808
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.4	116.0
141	32.7	31.9	47.9



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





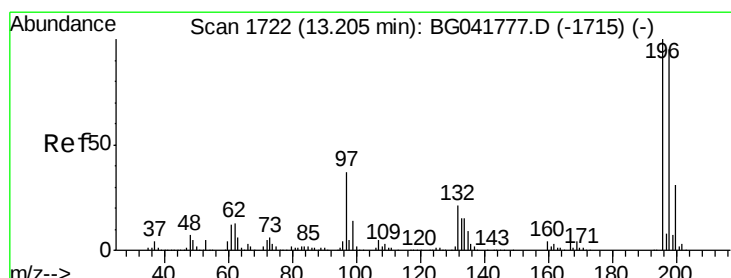
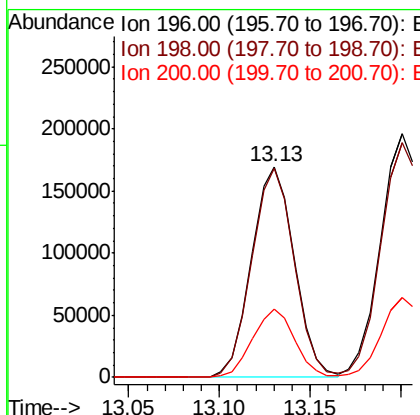
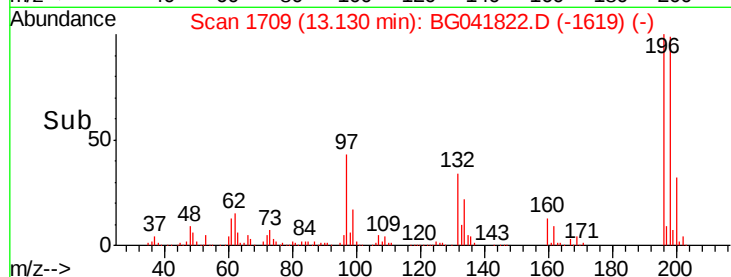
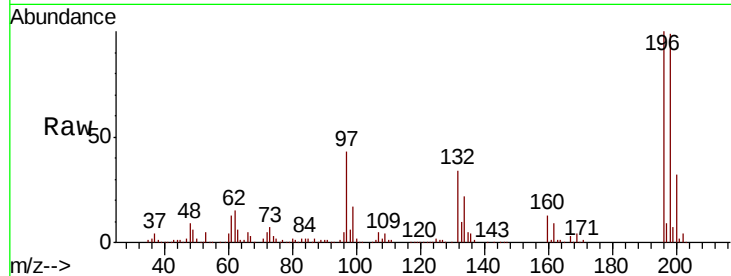
#43
 2,4,6-Trichlorophenol
 Concen: 50.916 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Instrument :
 BNA_G
 ClientSampled :
 TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	278440		
198	99.3	79.6	119.4	
200	32.3	25.2	37.8	

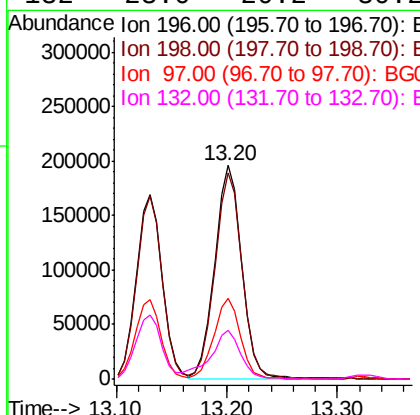
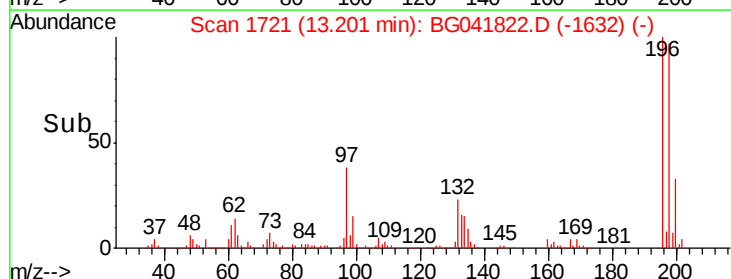
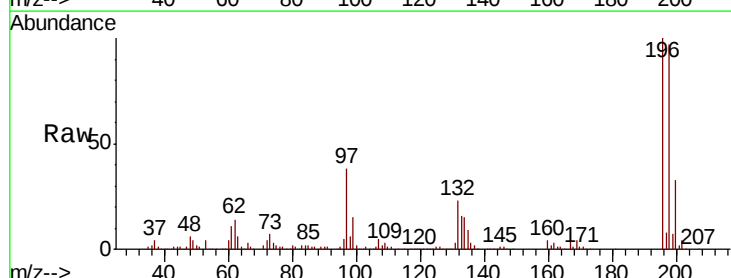
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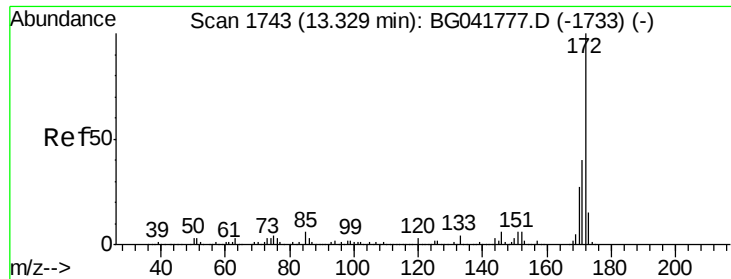
mohammad
 8/1/2019 5:05:14 PM



#44
 2,4,5-Trichlorophenol
 Concen: 58.202 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	330757		
198	96.6	80.6	121.0	
97	37.9	33.9	50.9	
132	23.0	20.2	30.2	





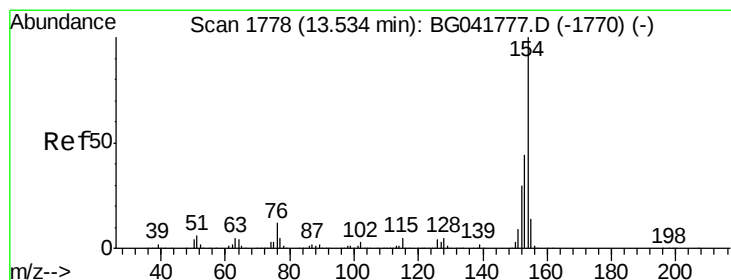
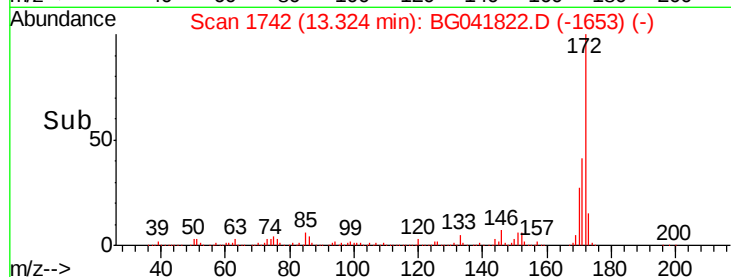
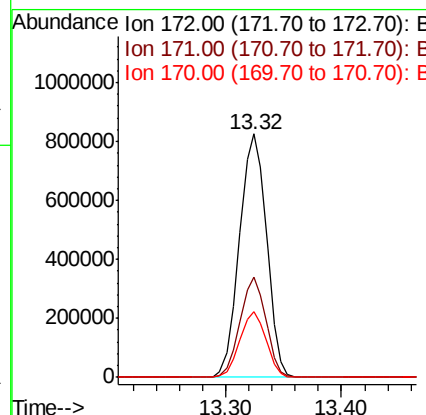
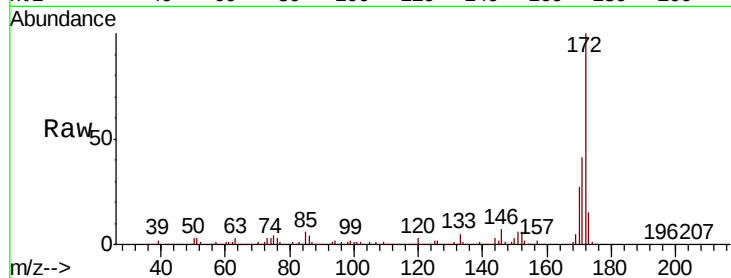
#45
 2-Fluorobiphenyl
 Concen: 86.702 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-10MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.3	35.0	52.4
170	27.0	23.5	35.3

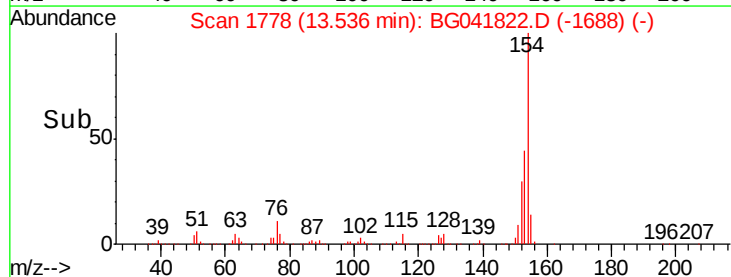
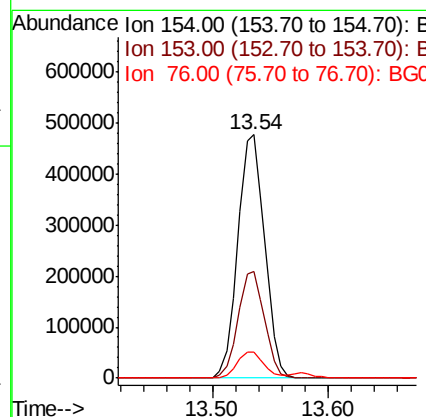
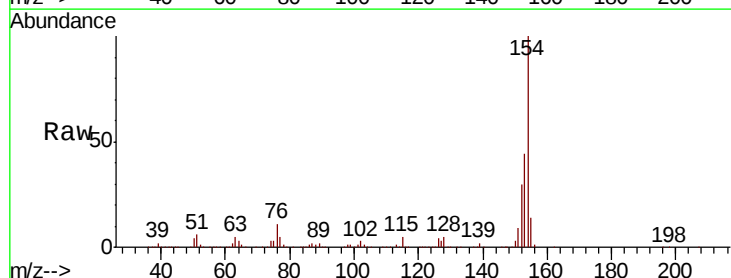
Manual Integrations
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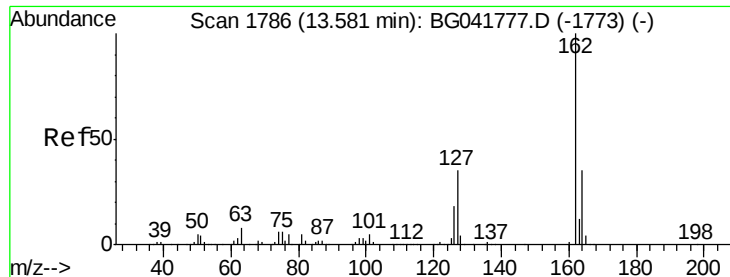
mohammad
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#46
 1,1'-Biphenyl
 Concen: 43.587 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	25.0	65.0
76	10.6	0.0	34.5





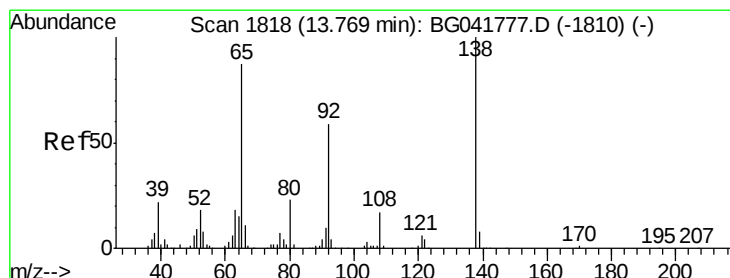
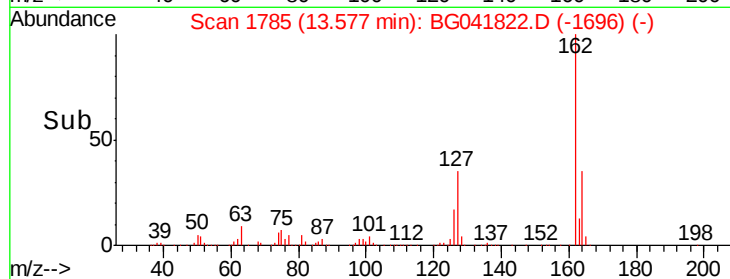
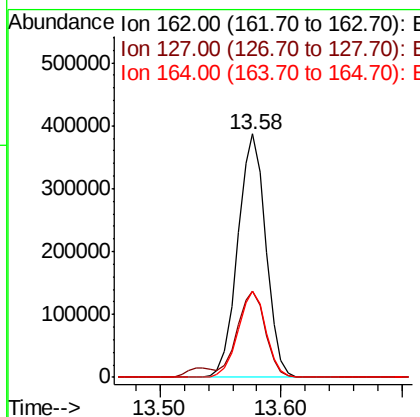
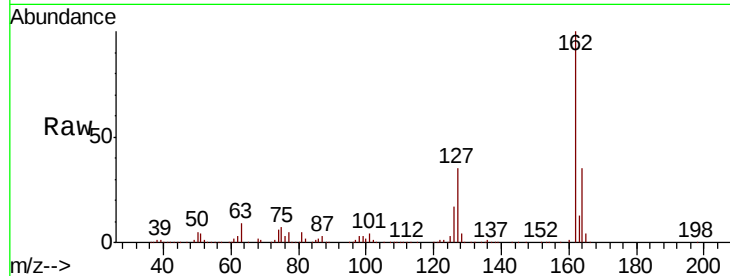
#47
 2-Chloronaphthalene
 Concen: 41.765 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-10MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	35.4	30.4	45.6
164	35.3	28.6	42.8

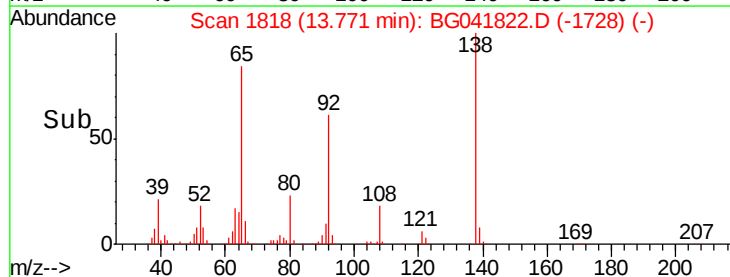
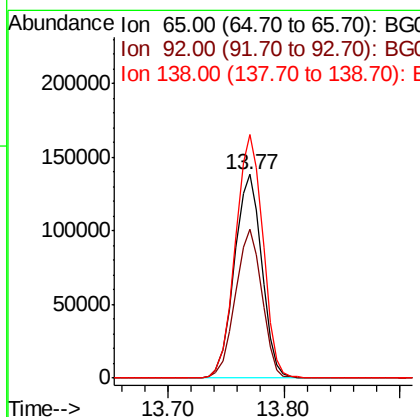
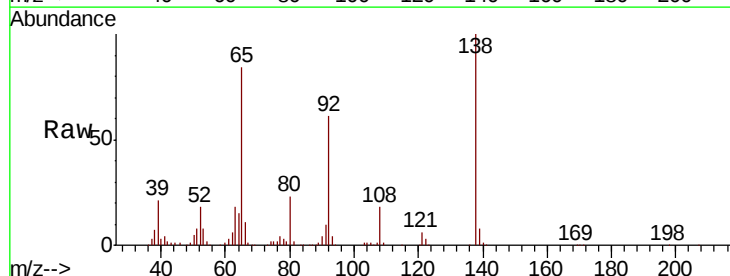
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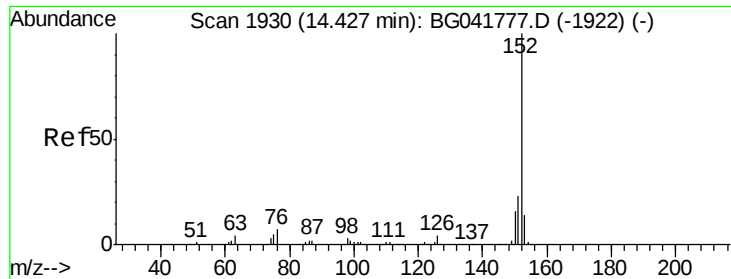
mohammad
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#48
 2-Nitroaniline
 Concen: 60.158 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	73.4	53.9	80.9
138	119.6	83.5	125.3





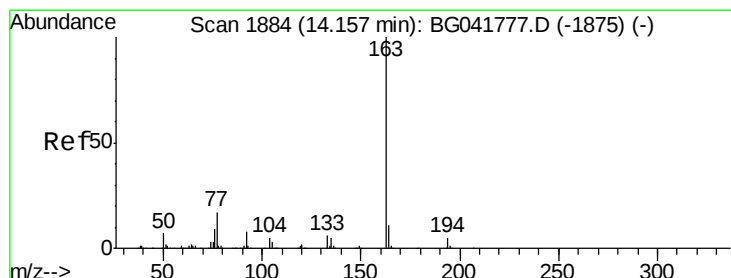
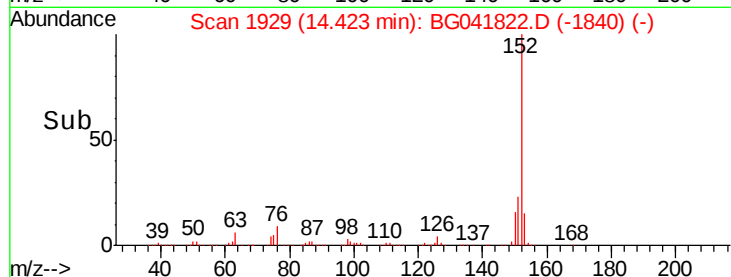
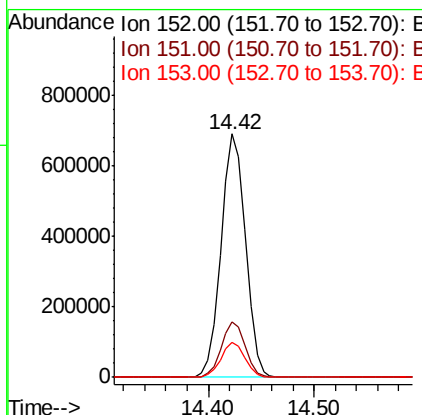
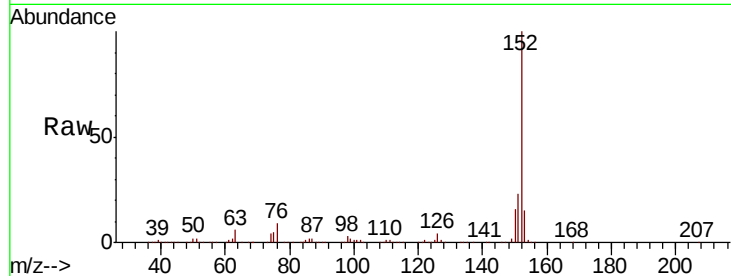
#49
Acenaphthylene
Concen: 49.356 ng
RT: 14.42 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion:152 Resp: 1104463
Ion Ratio Lower Upper
152 100
151 22.7 18.7 28.1
153 14.6 12.4 18.6

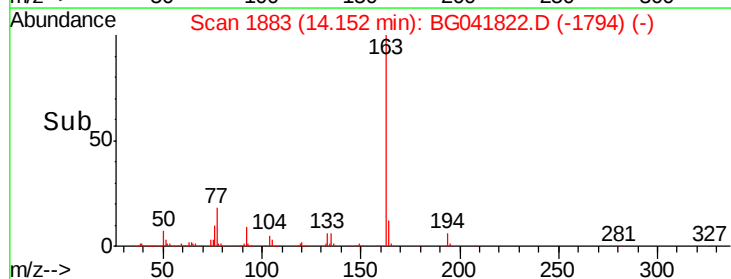
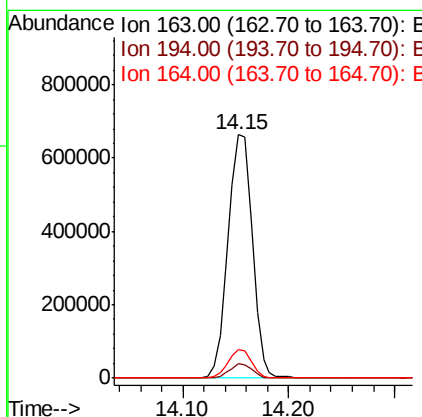
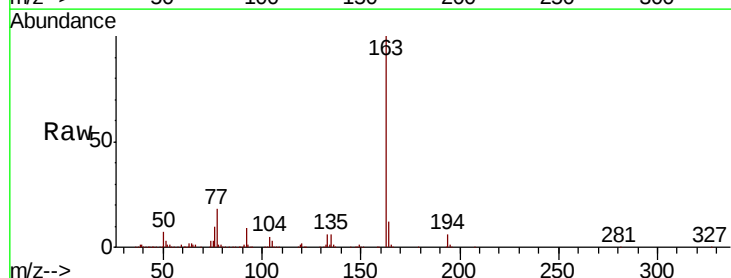
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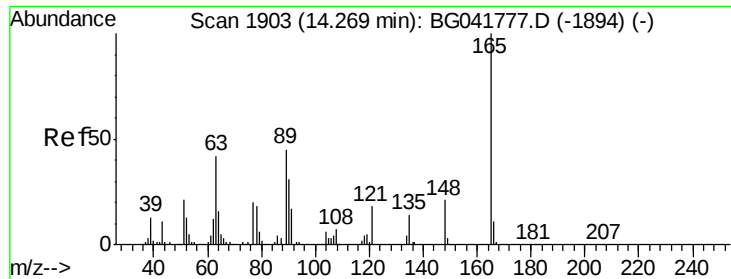
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#50
Dimethylphthalate
Concen: 56.614 ng
RT: 14.15 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion:163 Resp: 1056866
Ion Ratio Lower Upper
163 100
194 5.7 4.2 6.2
164 11.6 9.4 14.2





#51

2,6-Dinitrotoluene

Concen: 65.770 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

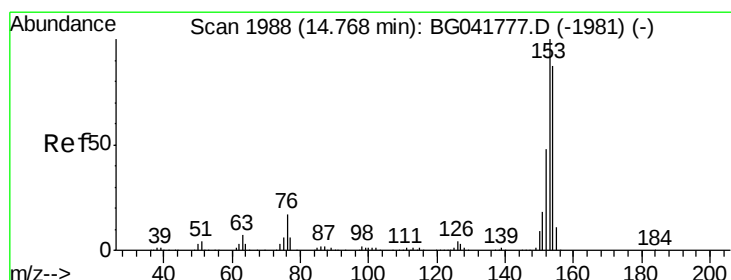
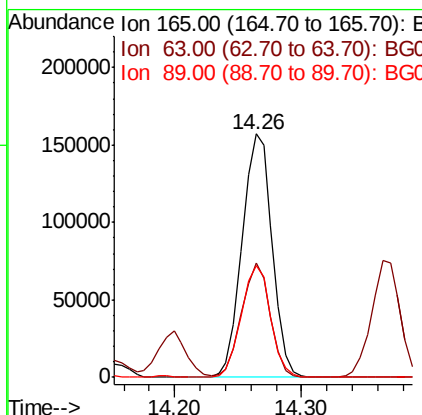
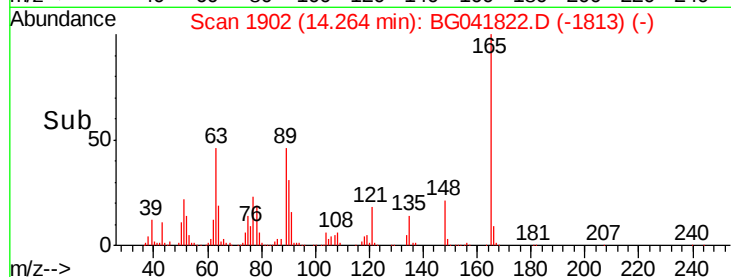
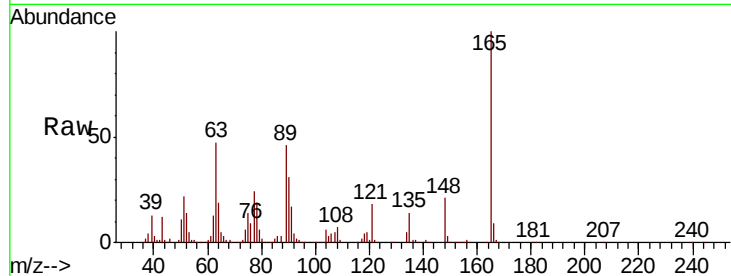
ClientSampleId :

TP-10MSD

Tot Ion:	165	Resp:	256735
Ion Ratio	Lower	Upper	
165	100		
63	47.1	42.4	63.6
89	45.9	42.1	63.1

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#52

Acenaphthene

Concen: 48.183 ng

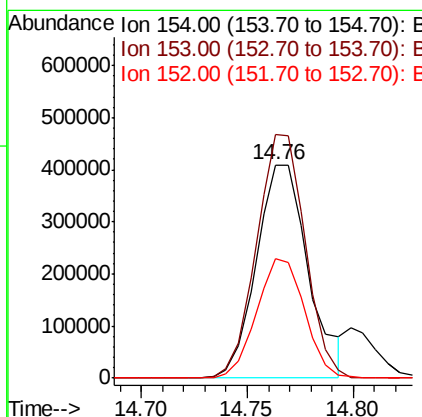
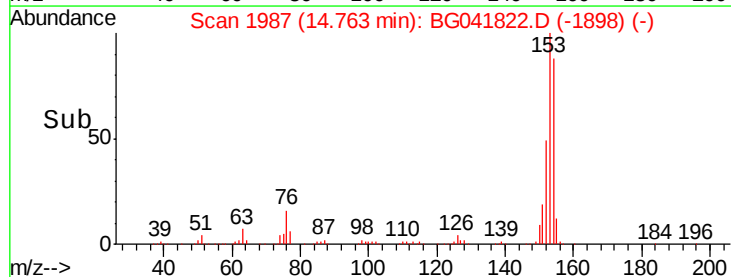
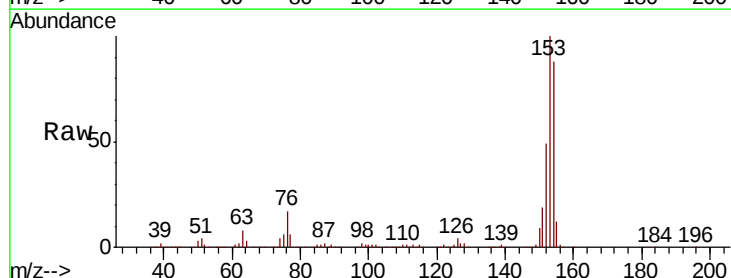
RT: 14.76 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Tgt Ion:	154	Resp:	701267
Ion Ratio	Lower	Upper	
154	100		
153	114.0	89.8	134.6
152	55.7	44.9	67.3





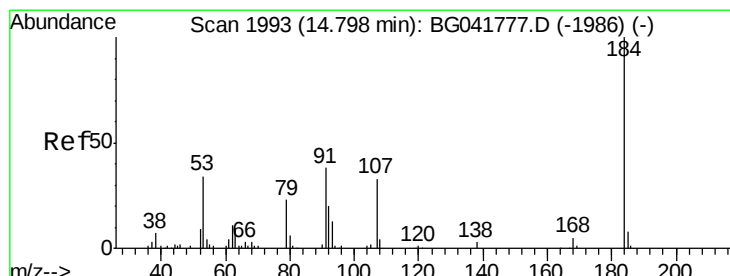
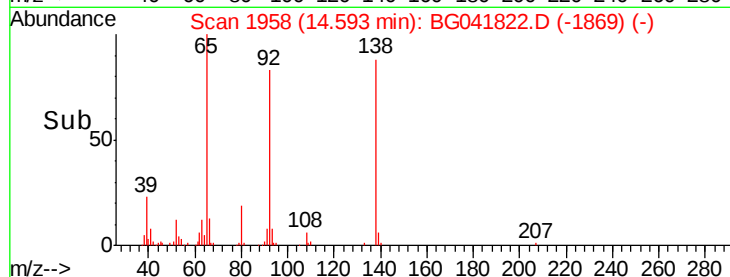
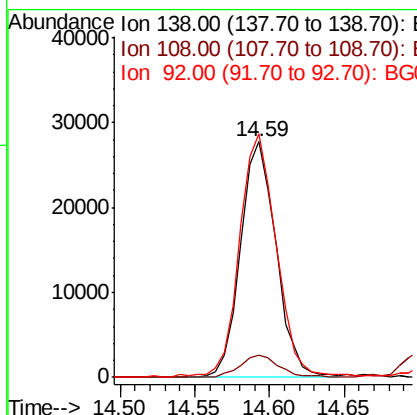
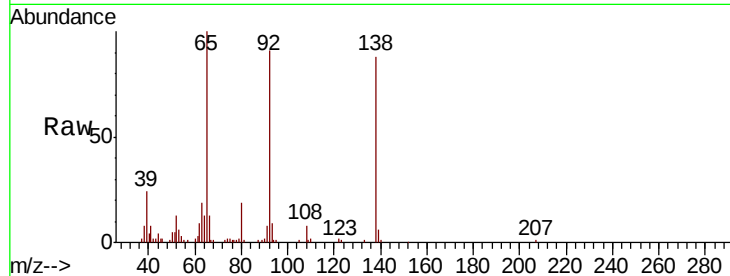
#53
3-Nitroaniline
Concen: 10.962 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	10.3	15.5#
92	103.3	93.0	139.4

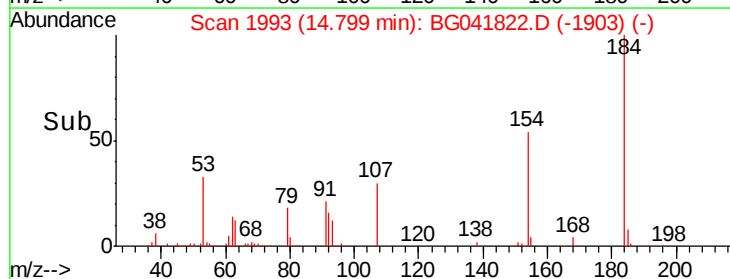
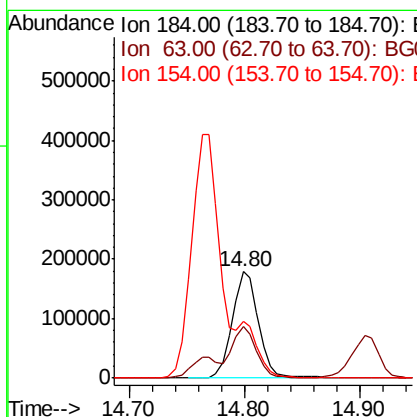
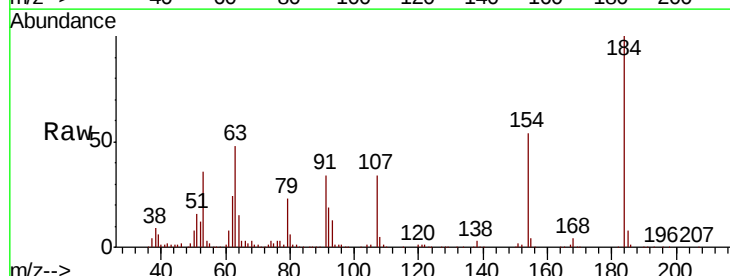
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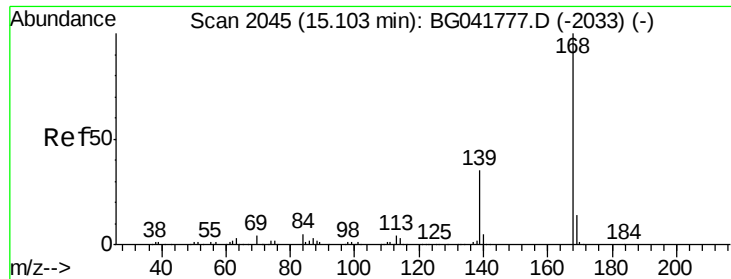
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#54
2,4-Dinitrophenol
Concen: 105.885 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.0	43.2	64.8
154	53.5	51.4	77.2





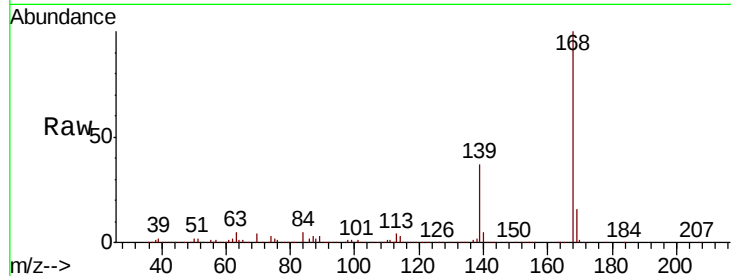
#55
Dibenzenofuran
Concen: 51.579 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	31.9	47.9
169	15.6	12.5	18.7

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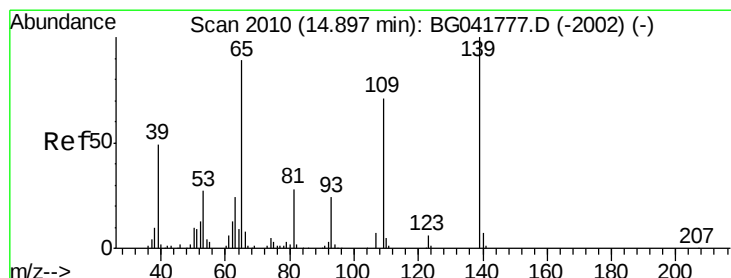
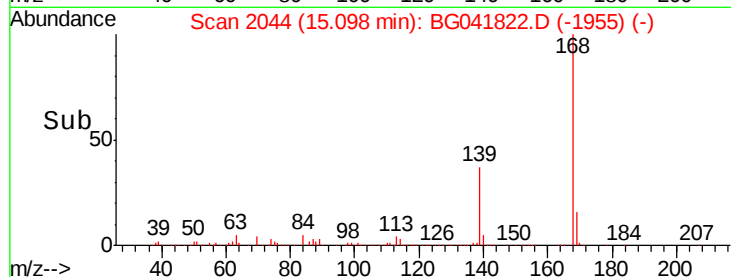
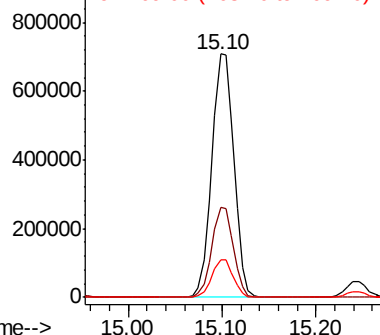


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 141.619 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

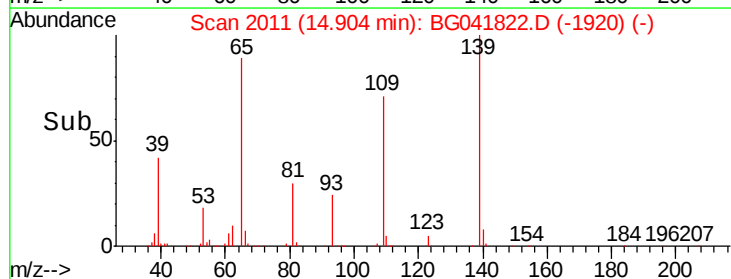
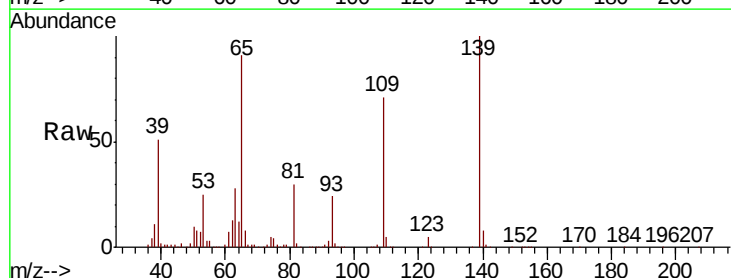
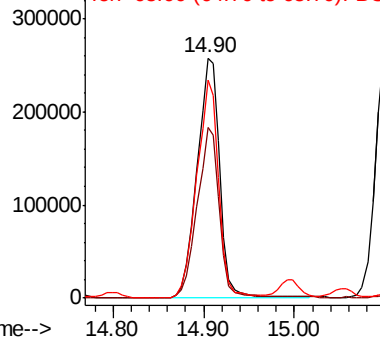
Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.1	51.3	91.3
65	90.8	77.6	117.6

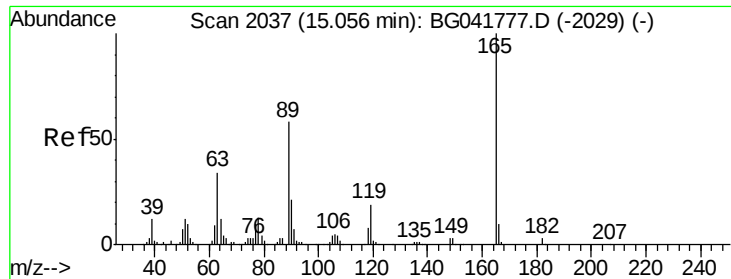
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





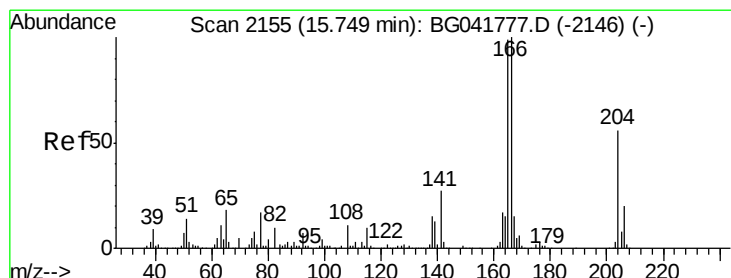
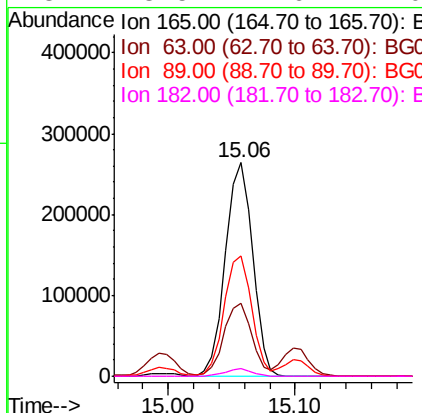
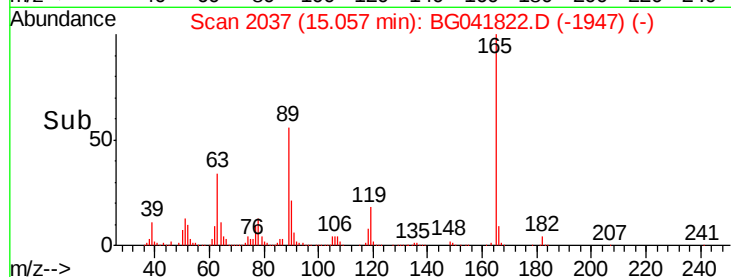
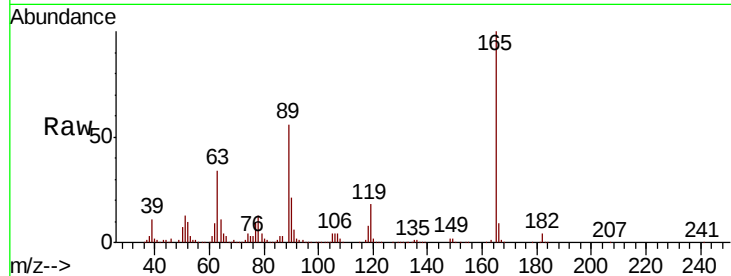
#57
2,4-Dinitrotoluene
Concen: 73.355 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	393784		
63	34.4		31.7	47.5
89	56.3		50.2	75.4
182	3.5		2.6	4.0

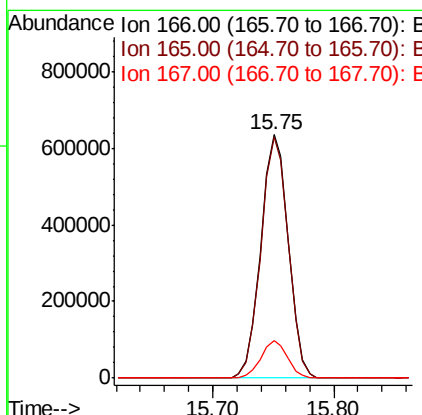
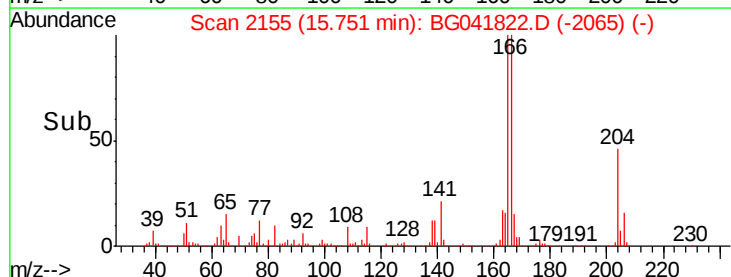
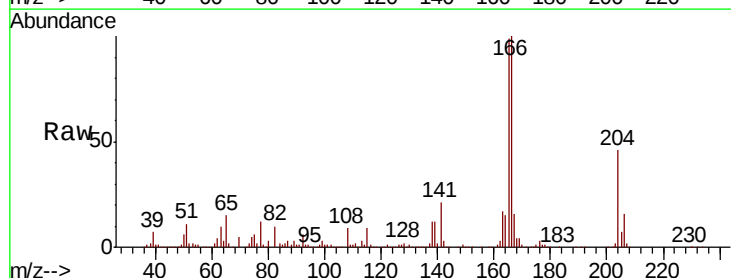
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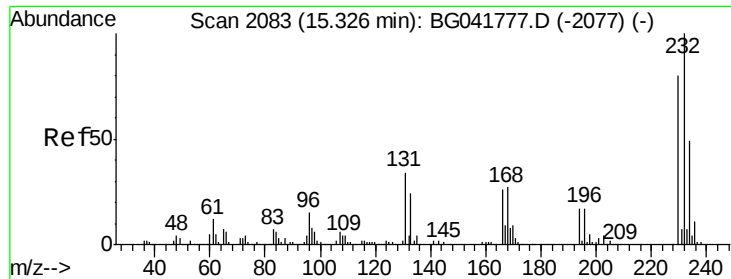
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#58
Fluorene
Concen: 55.872 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	998167		
165	98.9		80.5	120.7
167	15.6		12.4	18.6





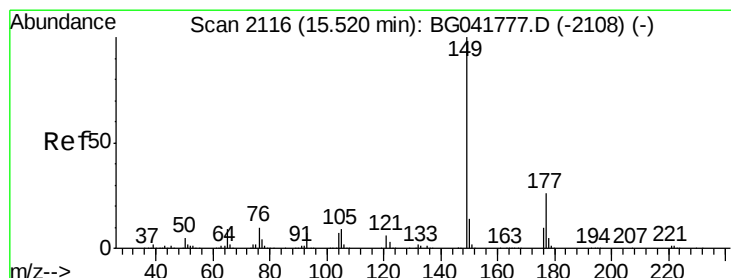
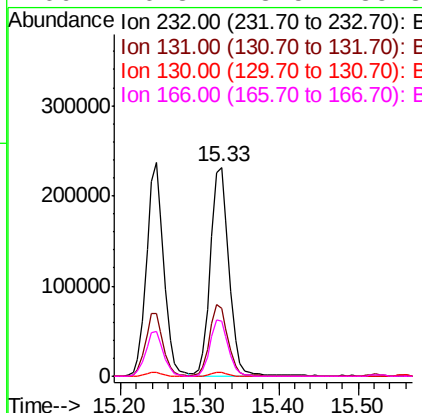
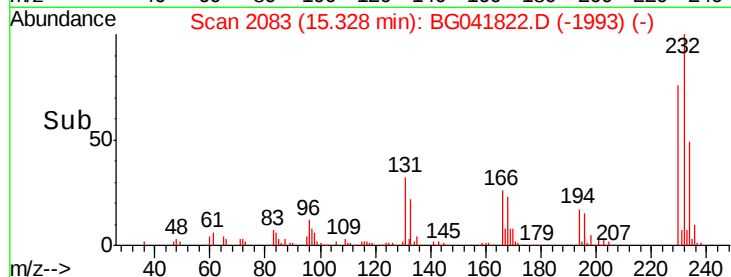
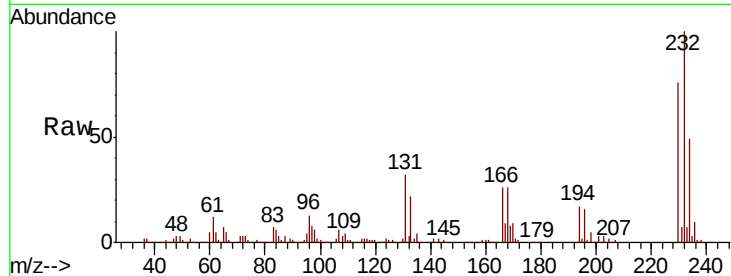
#59
2,3,4,6-Tetrachlorophenol
Concen: 66.510 ng
RT: 15.33 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	374354		
131	33.2		31.8	47.6
130	1.8		1.8	2.8
166	26.3		23.5	35.3

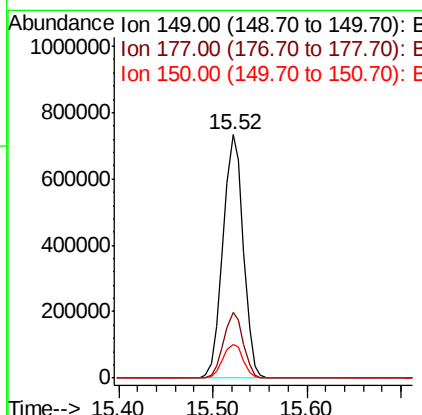
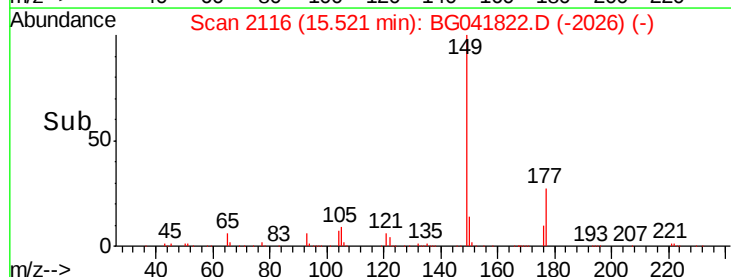
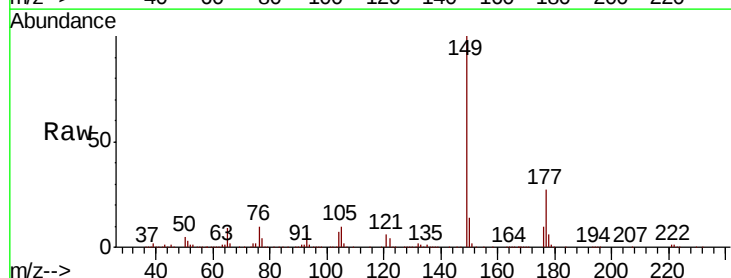
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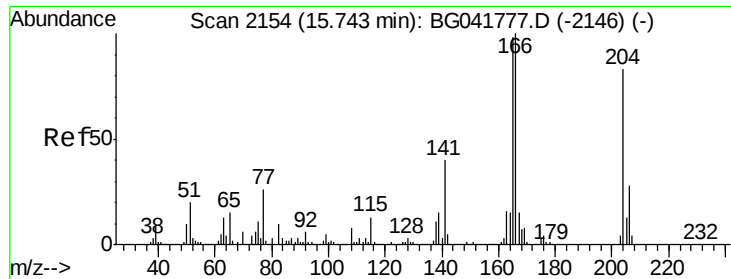
mohammad
8/1/2019 5:05:14 PM



#60
Diethylphthalate
Concen: 60.199 ng
RT: 15.52 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1103307		
177	26.8		20.7	31.1
150	13.9		11.5	17.3





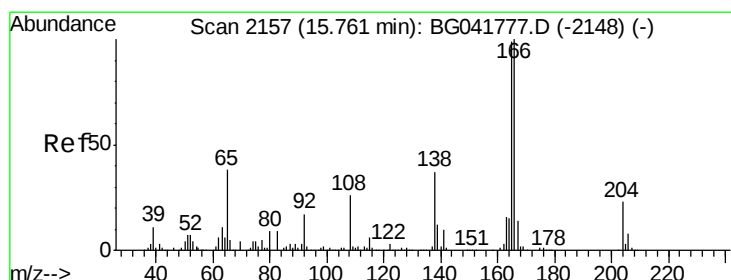
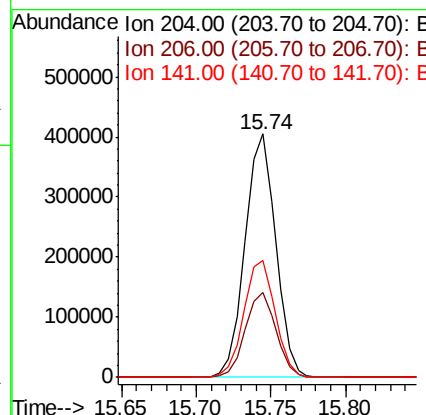
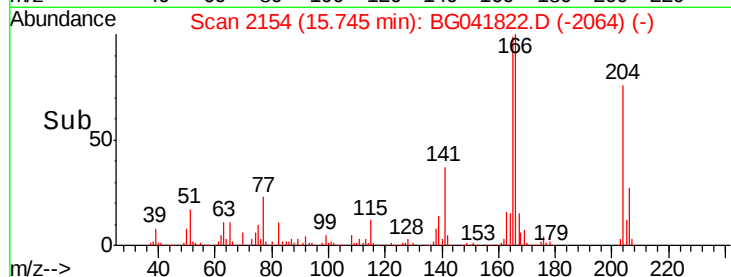
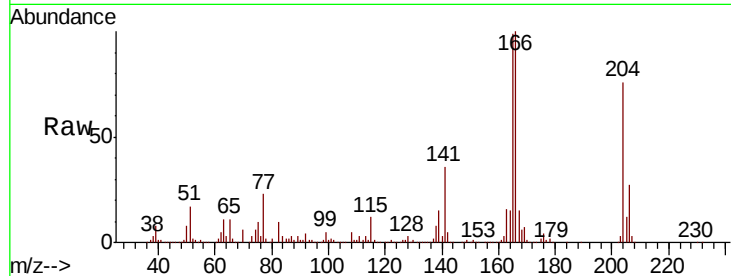
#61
 4-Chlorophenyl-phenylether
 Concen: 52.821 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	576092		
206	35.0		28.6	42.8
141	47.8		42.9	64.3

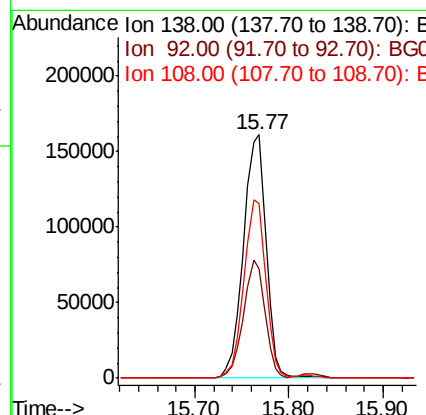
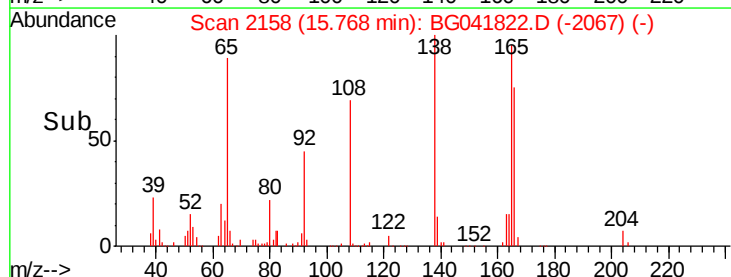
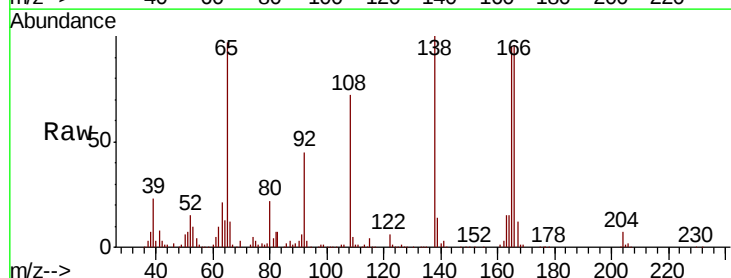
Manual Integrations
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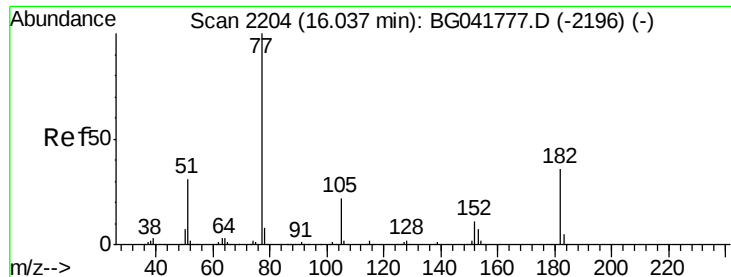
mohammad
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#62
 4-Nitroaniline
 Concen: 60.375 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. 0.01 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	273092		
92	44.9		29.8	69.8
108	71.9		52.2	92.2





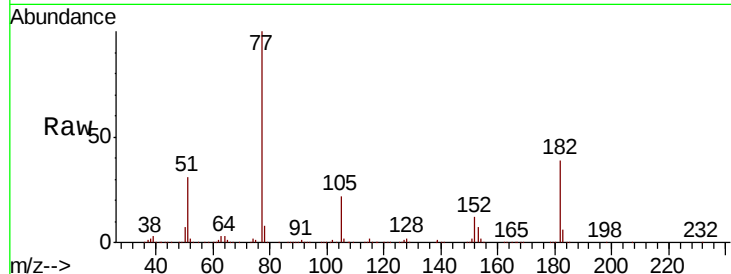
#63
Azobenzene
Concen: 55.587 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	38.7	13.2	53.2
105	21.8	2.2	42.2
51	31.5	14.6	54.6

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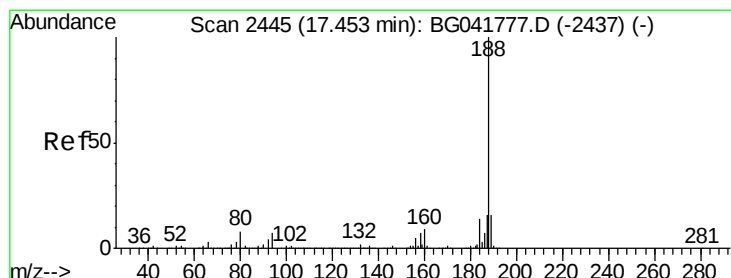
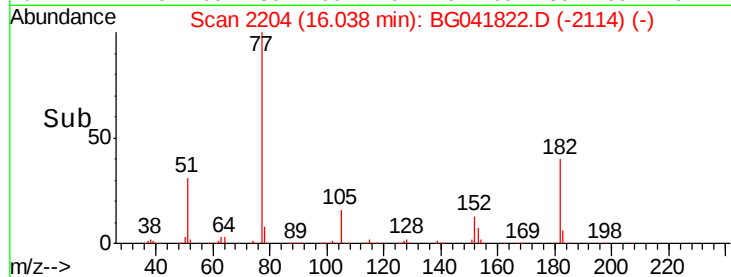
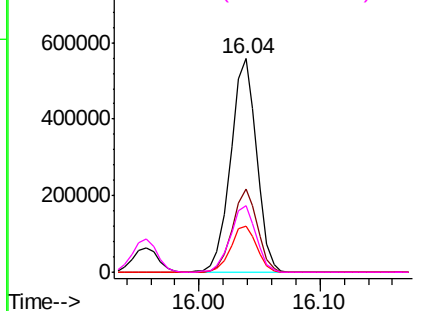
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

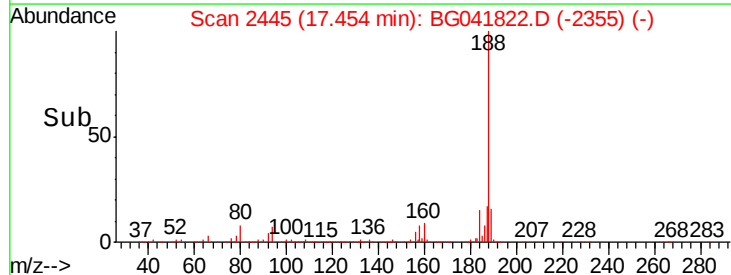
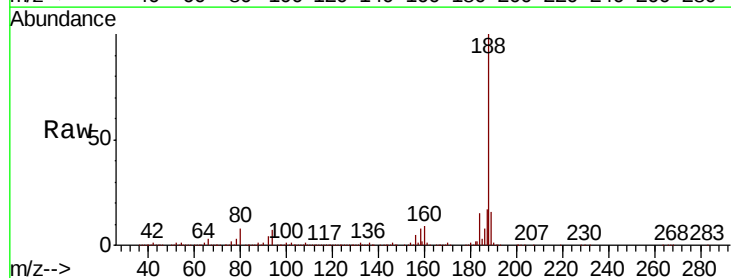
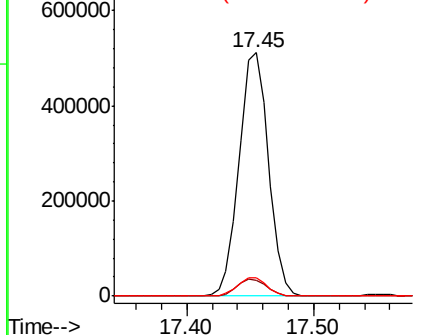
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.7	8.0	12.0#

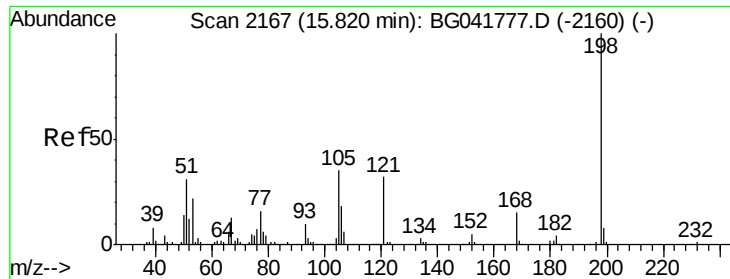
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





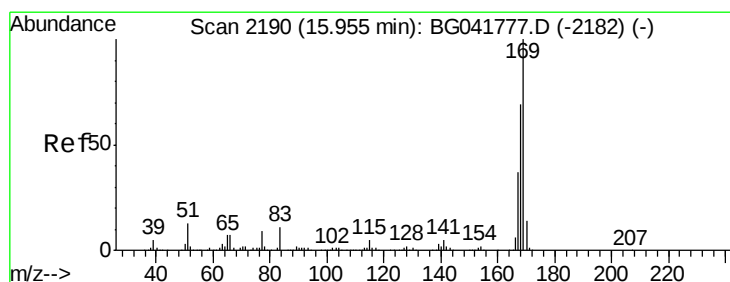
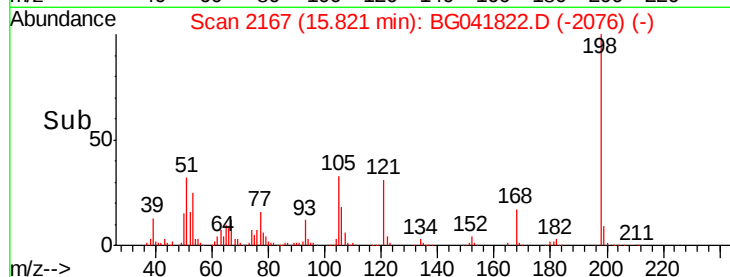
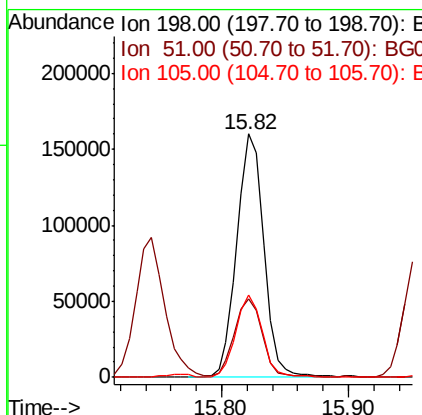
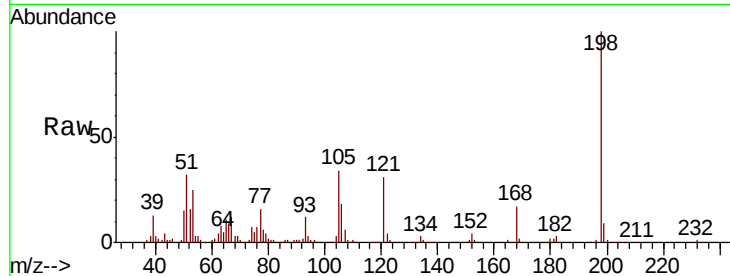
#65
 4,6-Dinitro-2-methylphenol
 Concen: 57.343 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-10MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.4	22.3	62.3
105	33.6	18.0	58.0

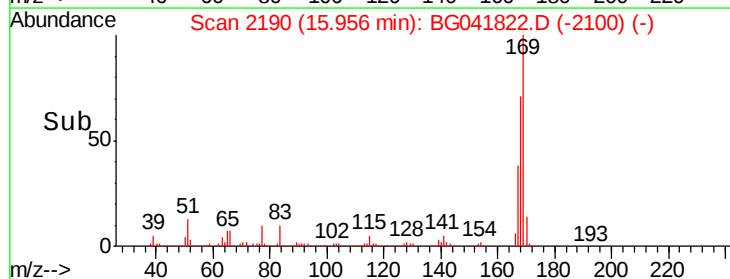
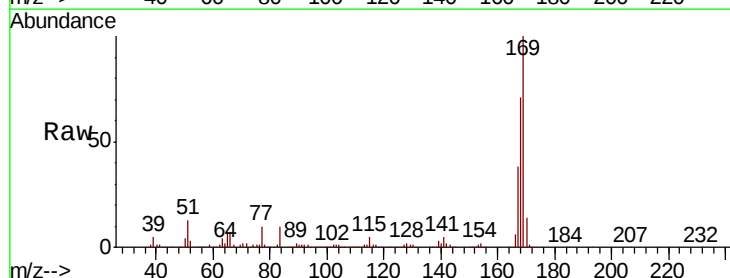
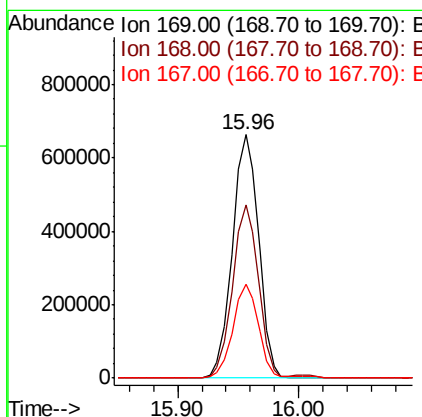
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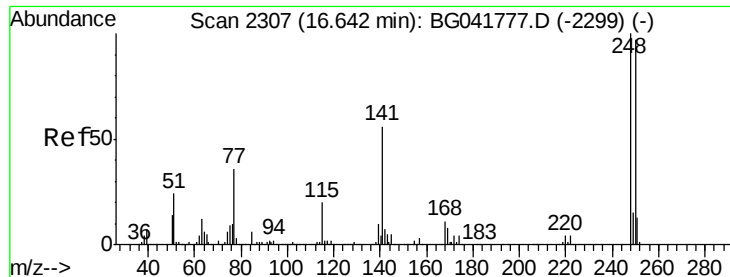
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 44.952 ng
 RT: 15.96 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.3	56.9	85.3
167	38.3	31.5	47.3





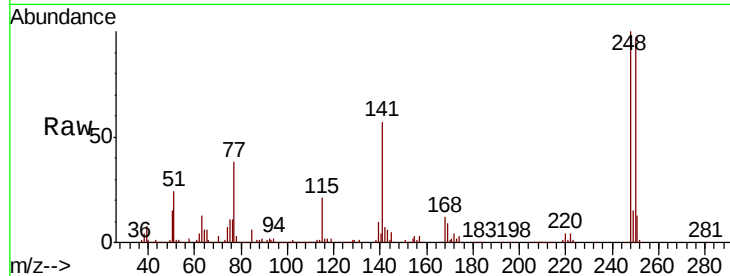
#67
4-Bromophenyl-phenylether
Concen: 43.332 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.1	117.1
141	57.5	49.6	74.4

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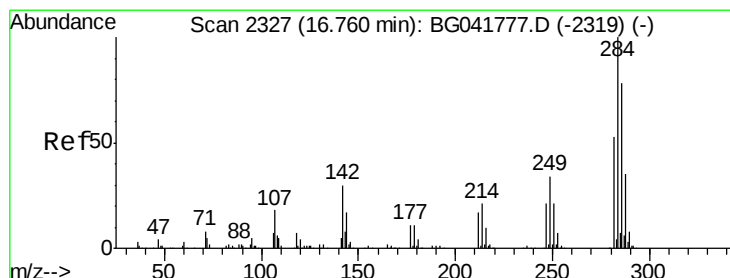
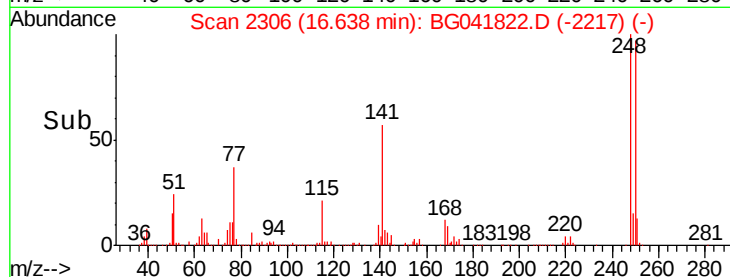
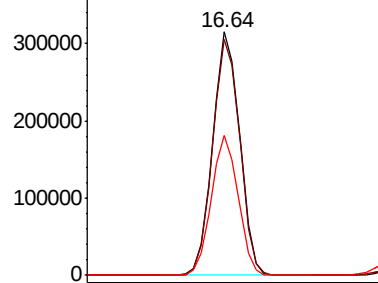


Abundance

Ion 248.00 (247.70 to 248.70): E

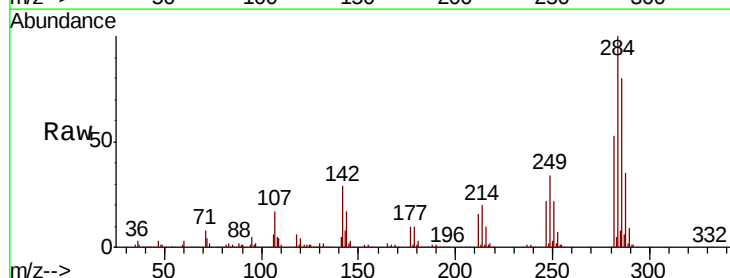
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.957 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	27.0	40.6
249	34.4	28.4	42.6

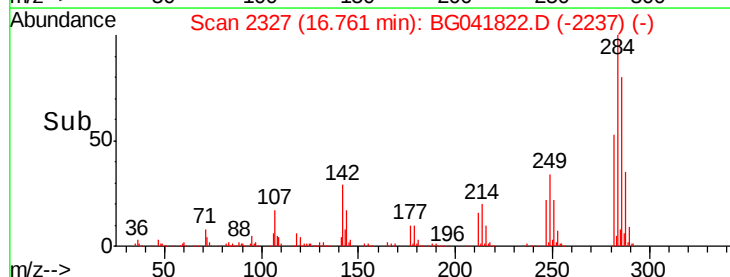
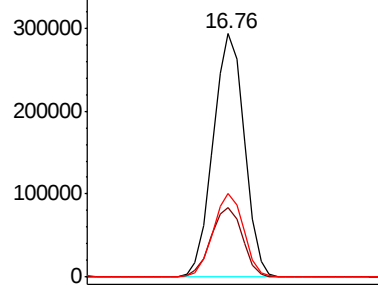


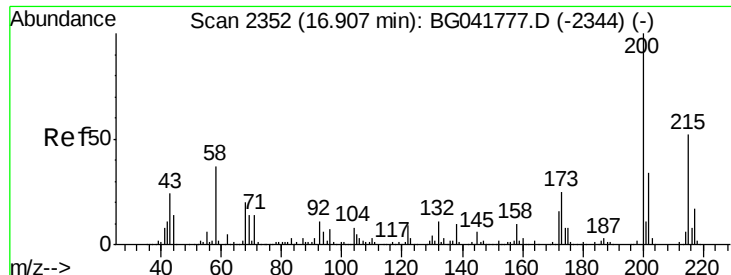
Abundance

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





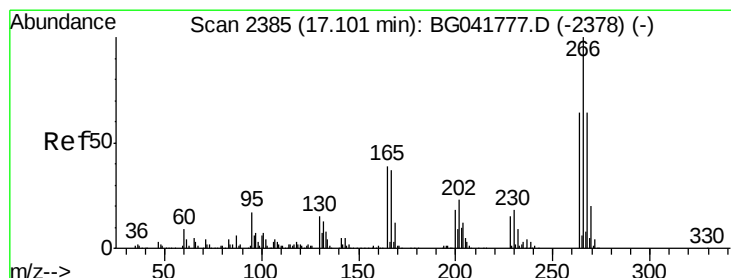
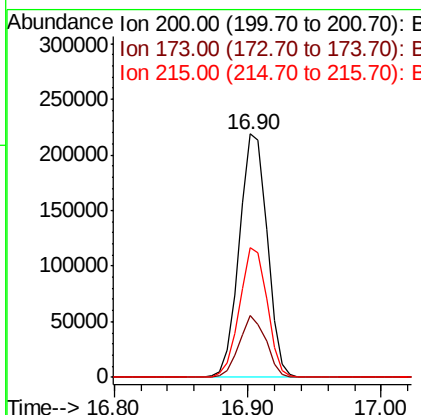
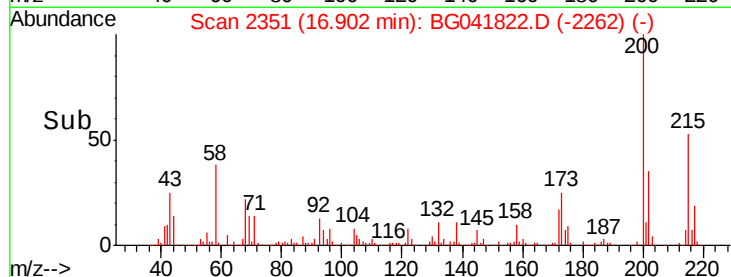
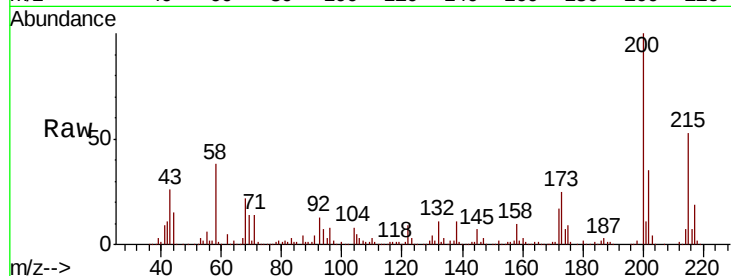
#69
Atrazine
Concen: 35.783 ng
RT: 16.90 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	314958		
173	25.4	5.3	45.3	
215	53.2	31.8	71.8	

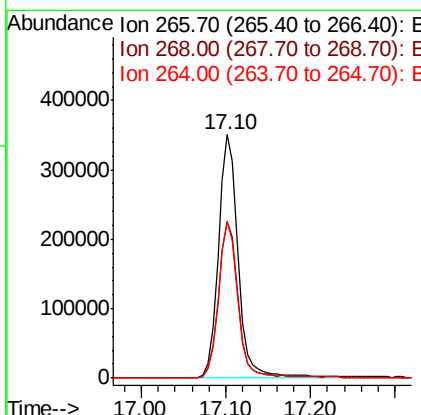
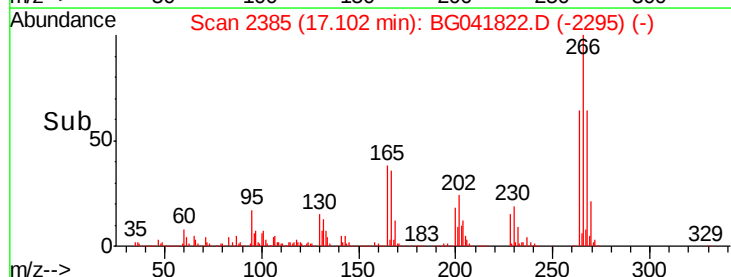
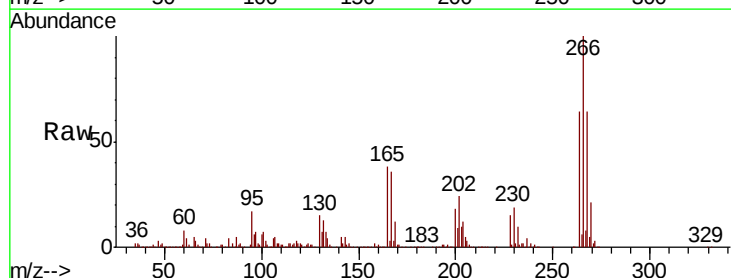
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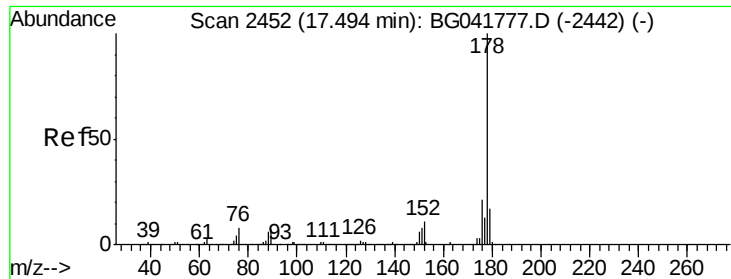
mohammad
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#70
Pentachlorophenol
Concen: 95.554 ng
RT: 17.10 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	575310		
268	64.5	52.9	79.3	
264	64.3	51.4	77.2	





#71

Phenanthrene

Concen: 46.891 ng

RT: 17.50 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

TP-10MSD

Tot Ion:178 Resp: 1848512

Ion Ratio Lower Upper

178 100

176 23.6 18.6 28.0

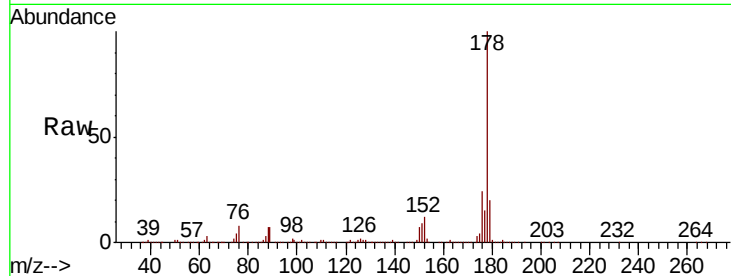
179 19.7 15.4 23.0

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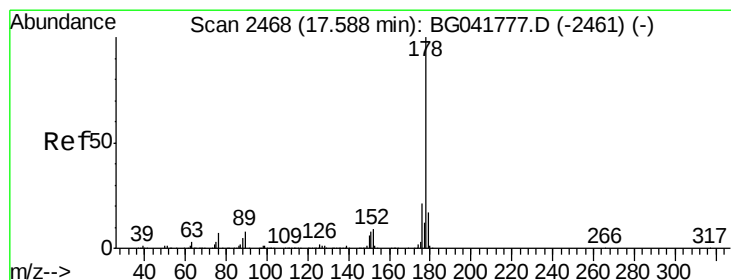
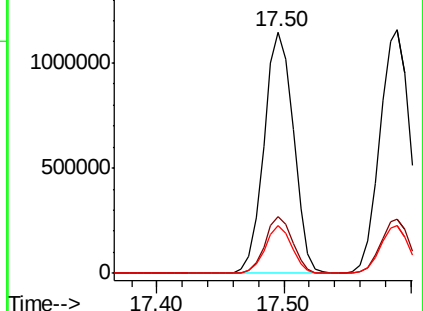
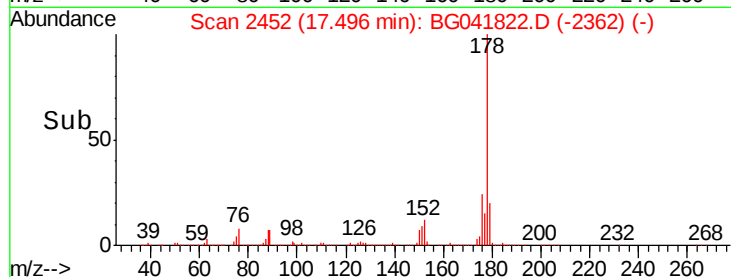
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.586 ng

RT: 17.59 min Scan# 2468

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

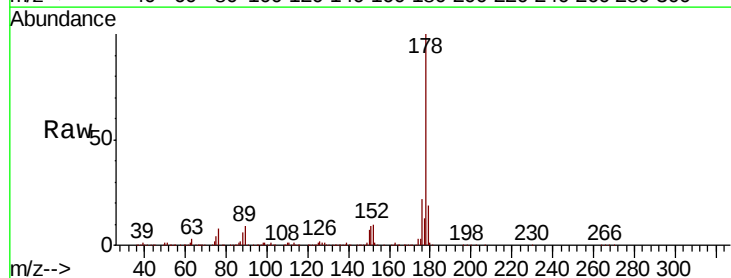
Tgt Ion:178 Resp: 1910208

Ion Ratio Lower Upper

178 100

176 22.3 18.6 28.0

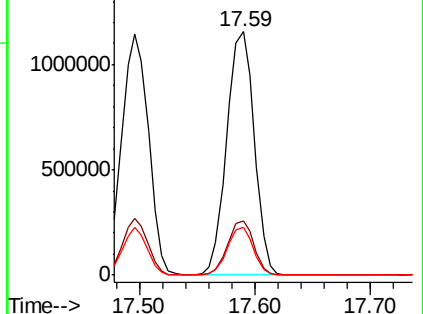
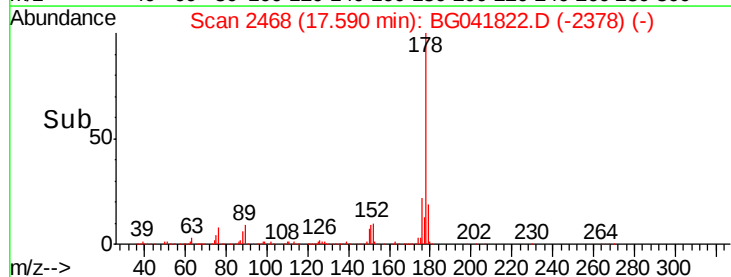
179 19.5 15.1 22.7

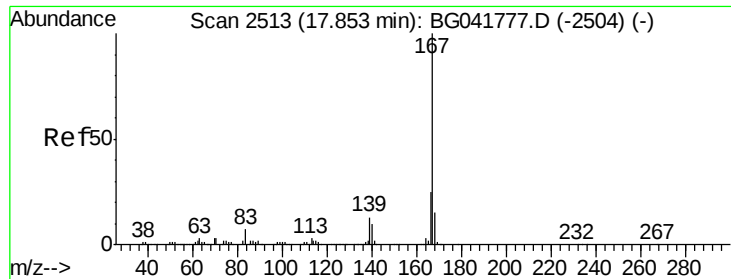


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 49.439 ng

RT: 17.85 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampled :

TP-10MSD

Tot Ion:167 Resp: 1744599

Ion Ratio Lower Upper

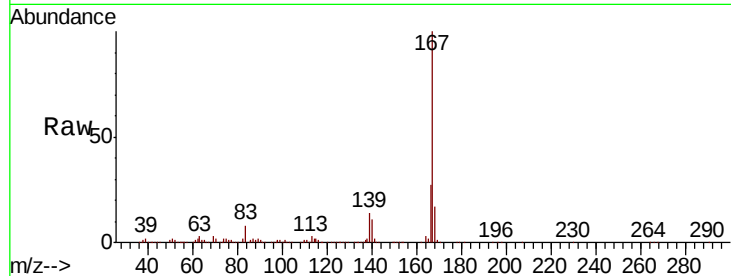
167 100

166 26.8 21.4 32.2

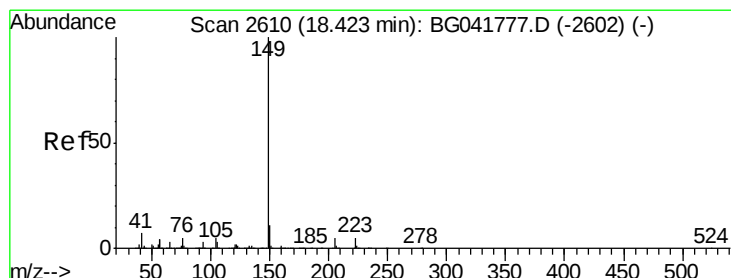
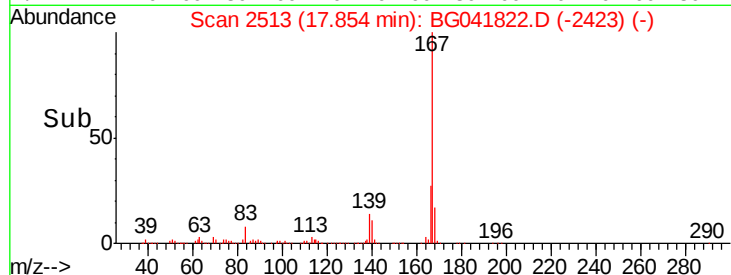
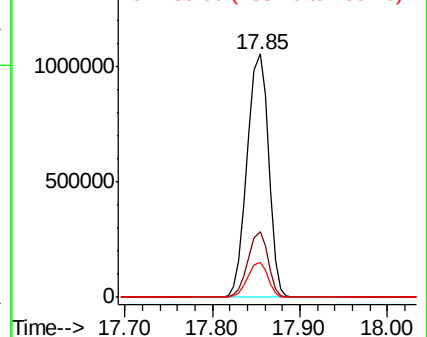
139 14.2 12.1 18.1

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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: 50.351 ng

RT: 18.42 min Scan# 2609

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

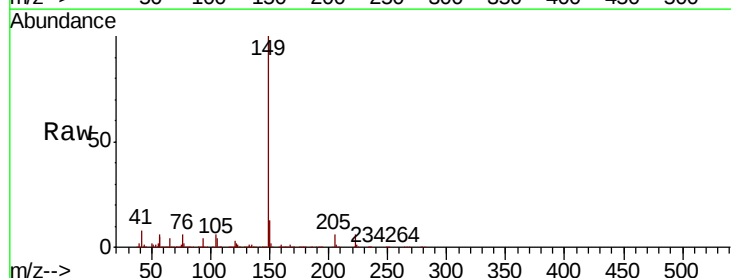
Tgt Ion:149 Resp: 2014310

Ion Ratio Lower Upper

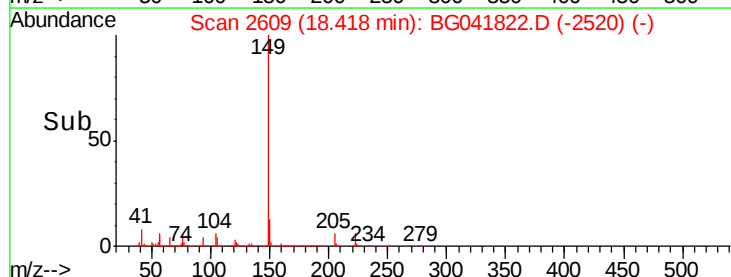
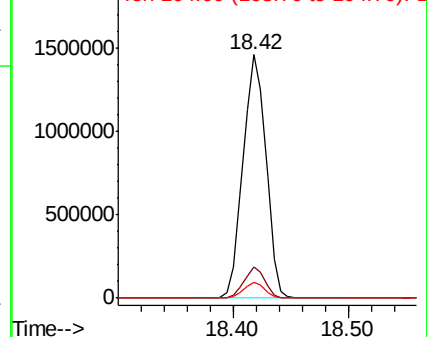
149 100

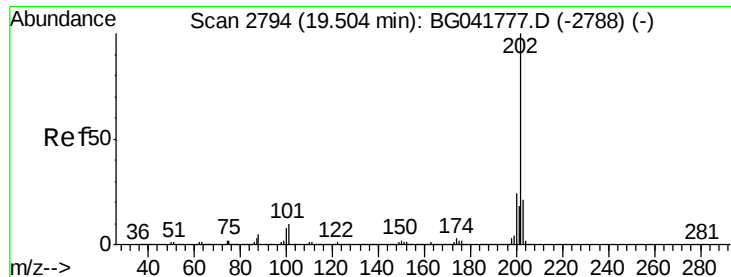
150 13.0 10.2 15.2

104 6.5 5.3 7.9



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: 46.539 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

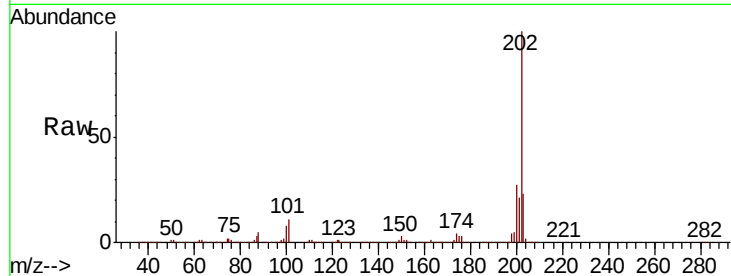
ClientSampleId :

TP-10MSD

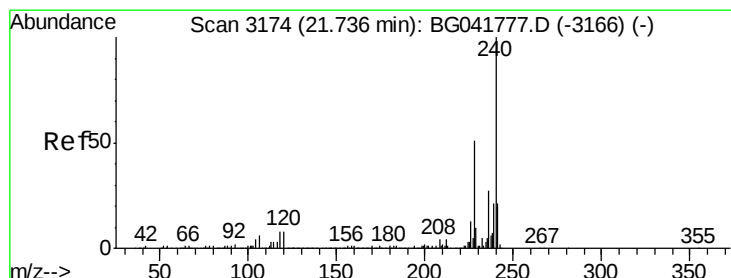
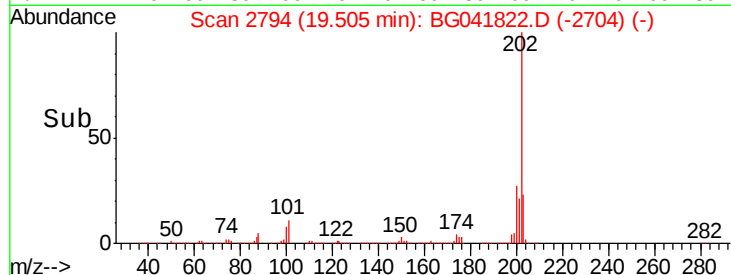
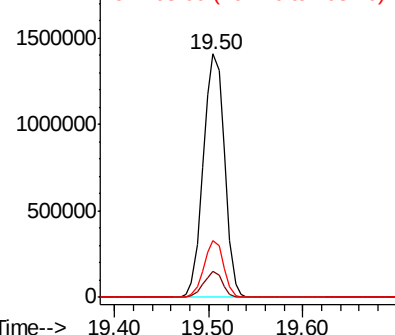
Tot Ion:	202	Resp:	2230020
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	32.8
203	23.5	3.7	43.7

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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

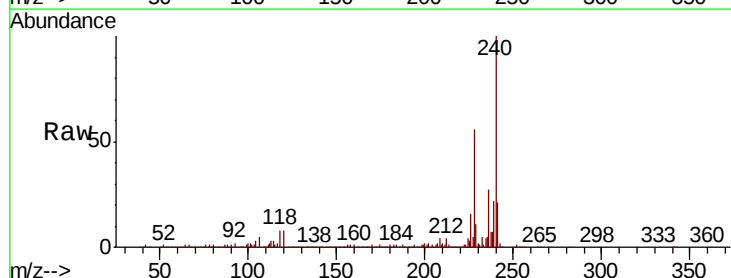
RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

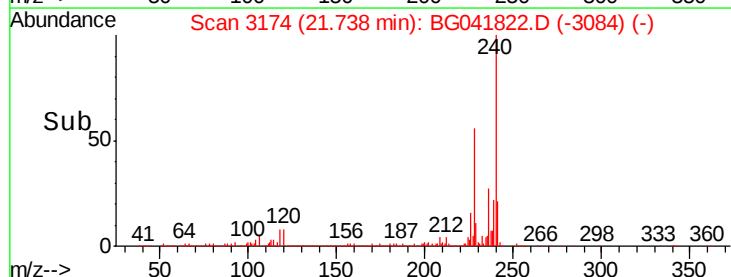
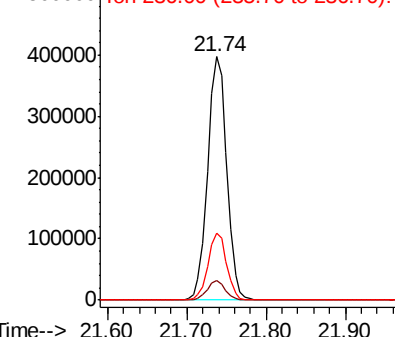
Lab File: BG041822.D

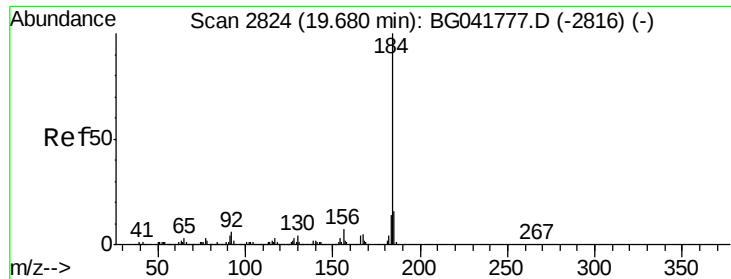
Acq: 31 Jul 2019 4:14

Tgt Ion:	240	Resp:	660364
Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.0	12.0#
236	27.5	22.6	33.8



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: 0.319 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.04 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

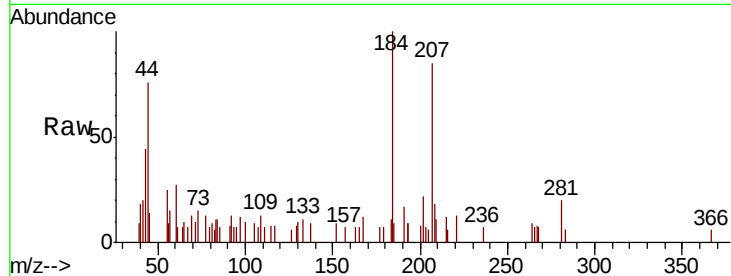
ClientSampleId :

TP-10MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	9.0	13.0	19.4#
183	11.1	11.8	17.6#

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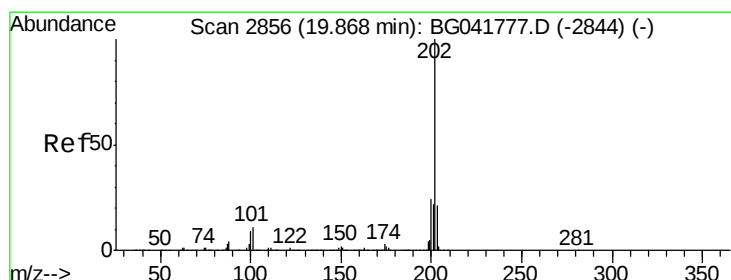
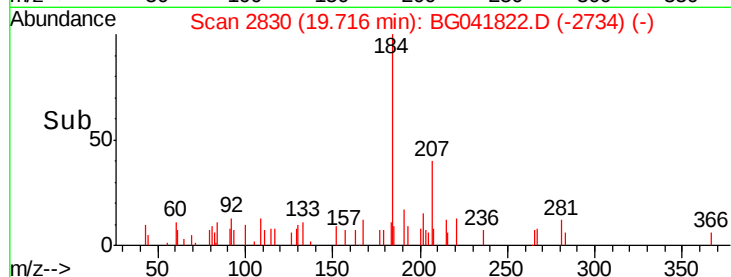
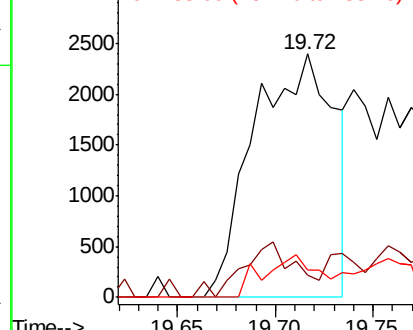


Abundance

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: 55.392 ng

RT: 19.87 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

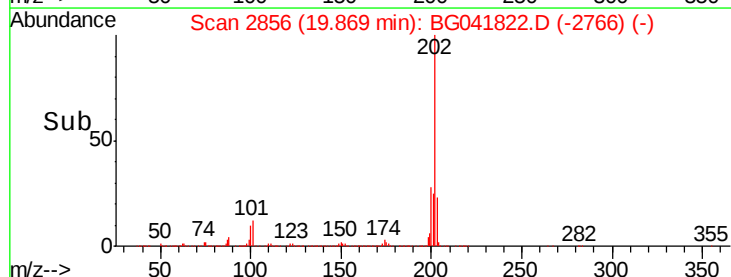
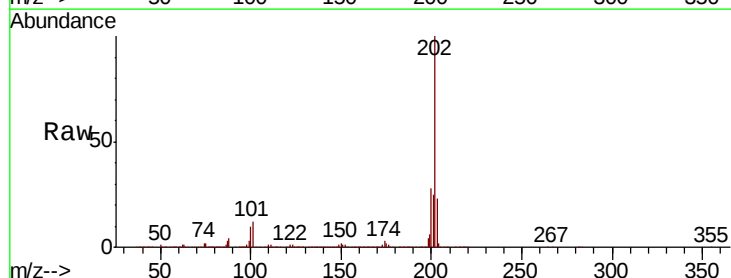
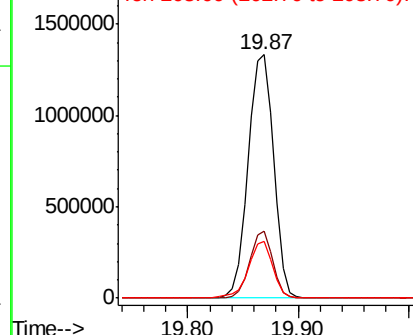
Tgt Ion	Ratio	Lower	Upper
202	100		
200	27.6	22.2	33.2
203	23.4	18.9	28.3

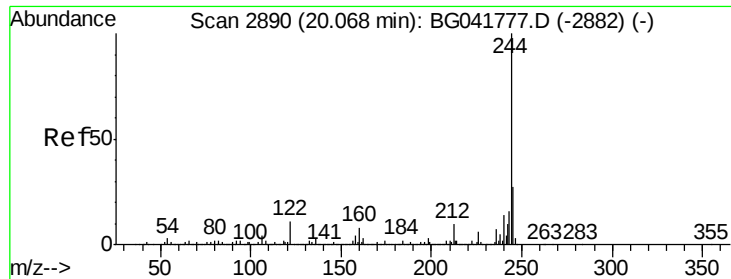
Abundance

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





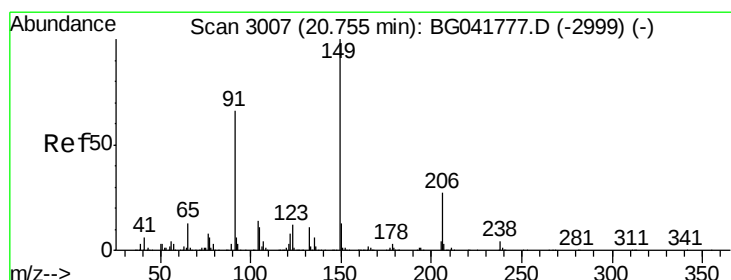
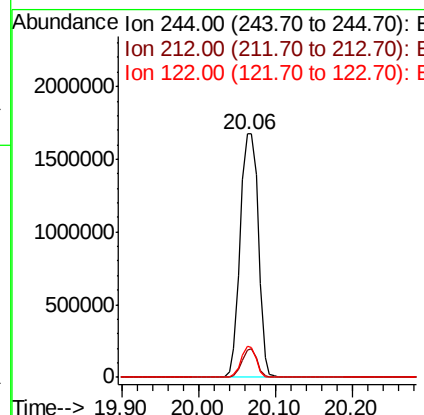
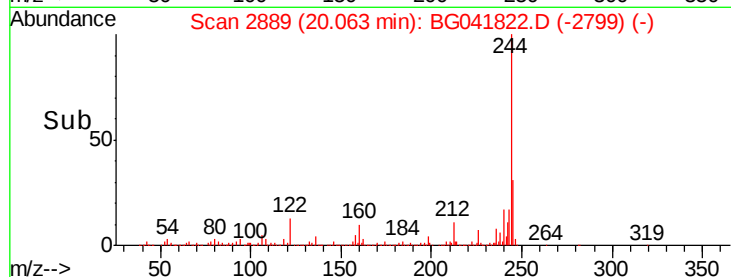
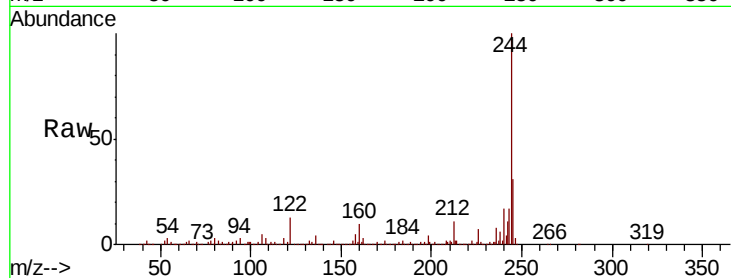
#79
 Terphenyl-d14
 Concen: 96.314 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. -0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-10MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	11.4	9.7	14.5
122	12.6	12.5	18.7

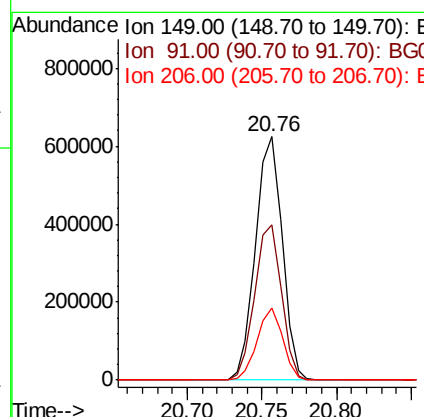
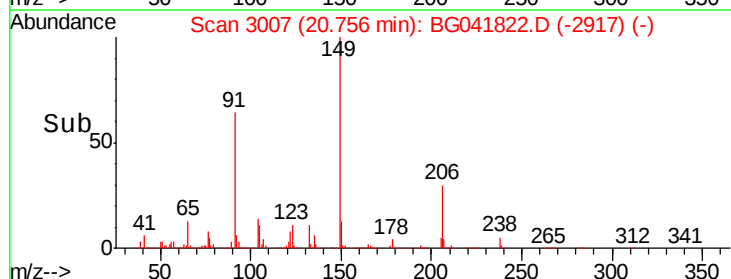
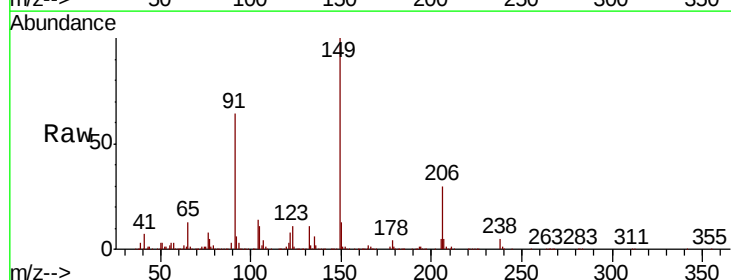
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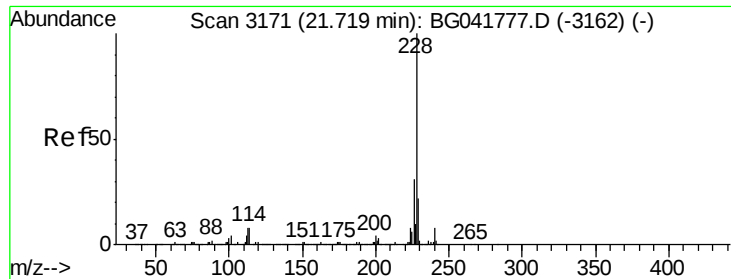
mohammad
 8/1/2019 5:05:14 PM



#80
 Butylbenzylphthalate
 Concen: 51.469 ng
 RT: 20.76 min Scan# 3007
 Delta R.T. 0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.7	58.9	88.3
206	29.6	20.8	31.2





#81

Benzo(a)anthracene

Concen: 47.440 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

TP-10MSD

Tot Ion:228 Resp: 1853487

Ion Ratio Lower Upper

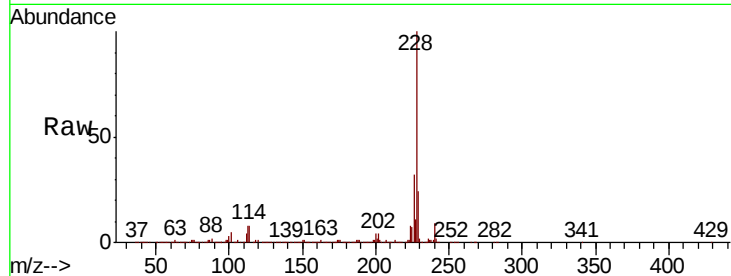
228 100

226 32.0 27.3 40.9

229 24.3 19.7 29.5

Manual Integrations
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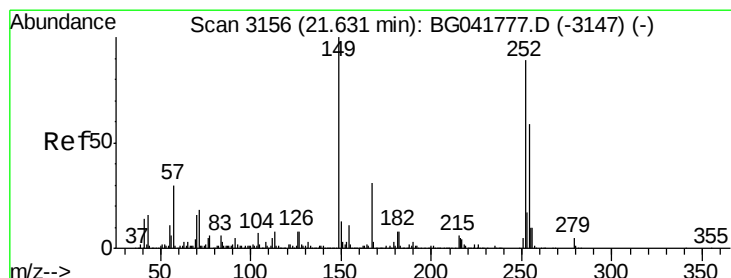
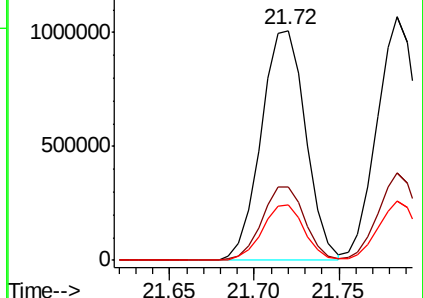
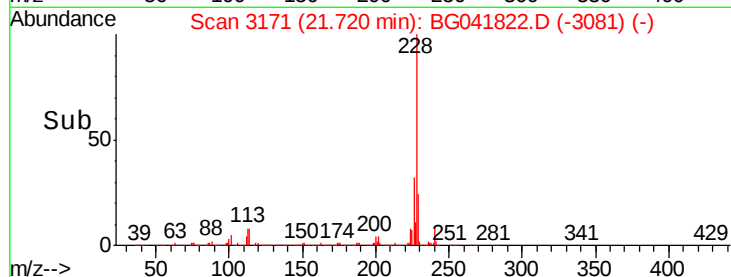
mohammad
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.654 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

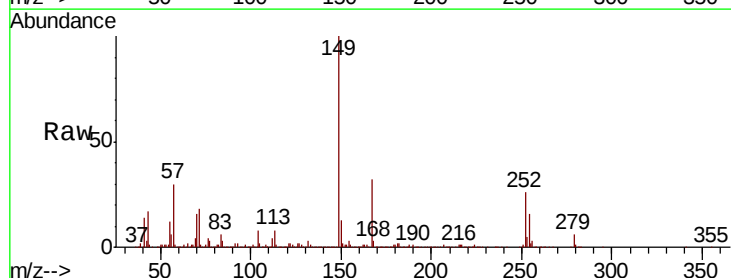
Tgt Ion:252 Resp: 245554

Ion Ratio Lower Upper

252 100

254 62.0 53.8 80.6

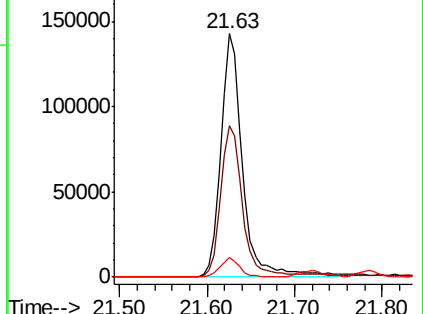
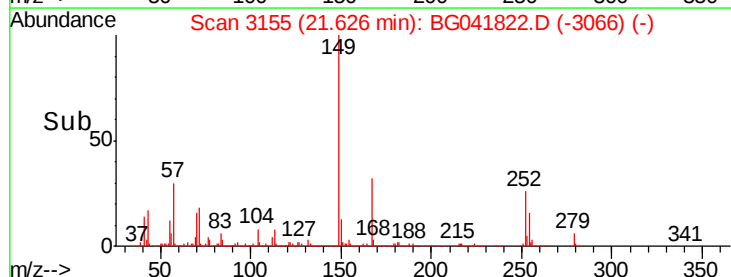
126 7.9 7.8 11.8

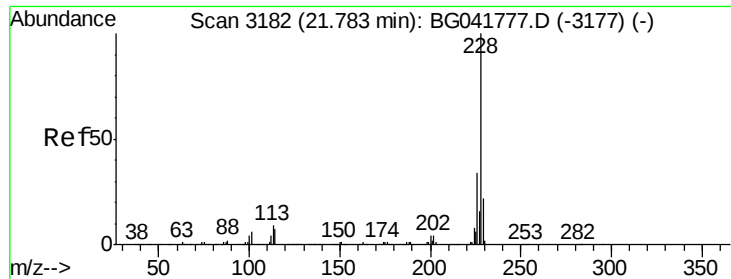


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





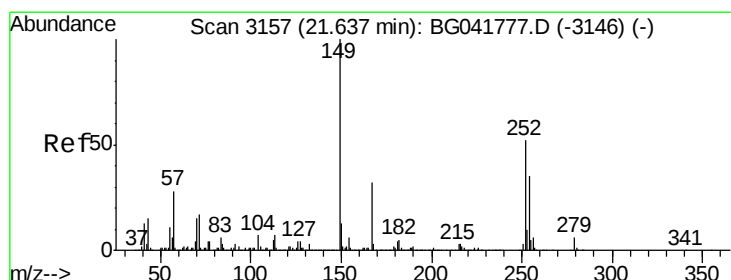
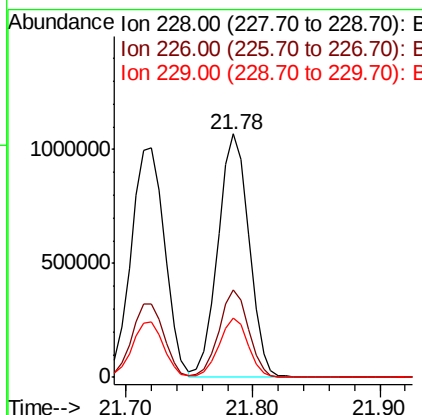
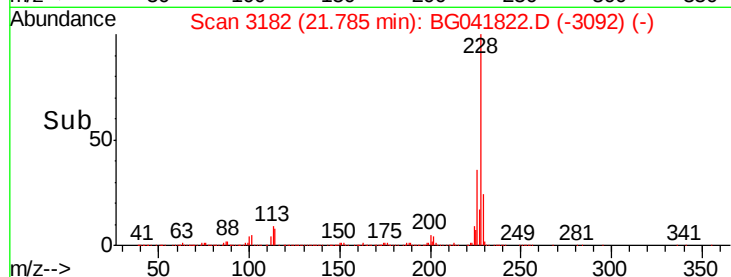
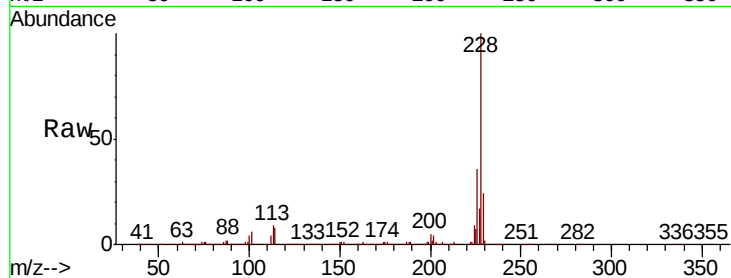
#83
Chrysene
Concen: 48.313 ng
RT: 21.78 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion:228 Resp: 1809386
Ion Ratio Lower Upper
228 100
226 36.0 30.1 45.1
229 24.4 19.8 29.6

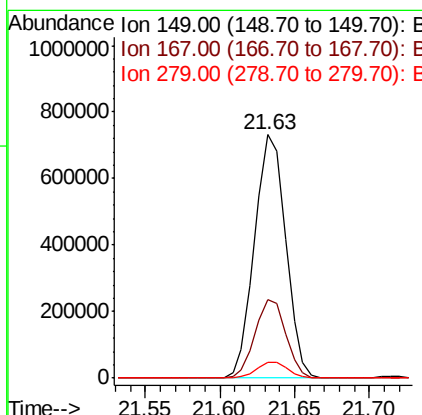
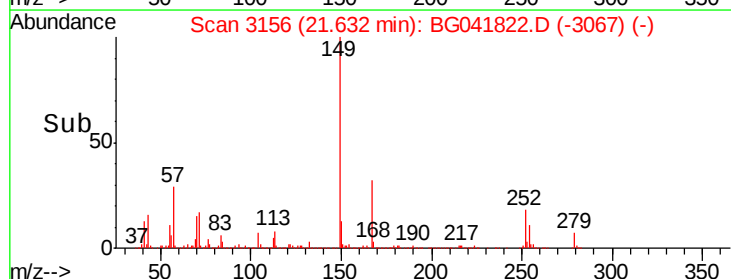
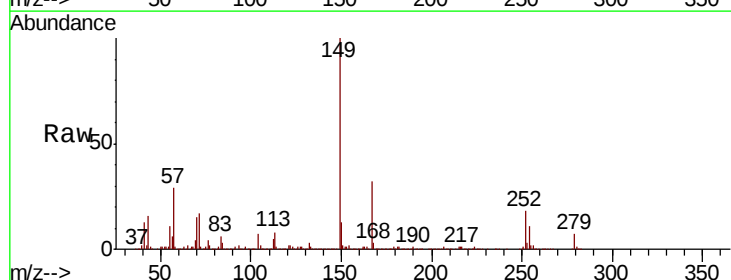
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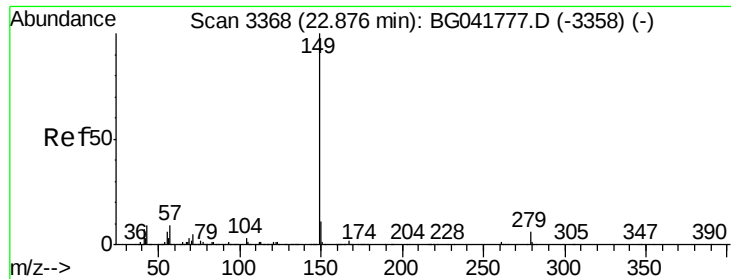
mohammad
8/1/2019 5:05:14 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.052 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion:149 Resp: 1056379
Ion Ratio Lower Upper
149 100
167 32.4 27.0 40.4
279 6.7 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 52.637 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

TP-10MSD

Tot Ion:149 Resp: 1833038

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

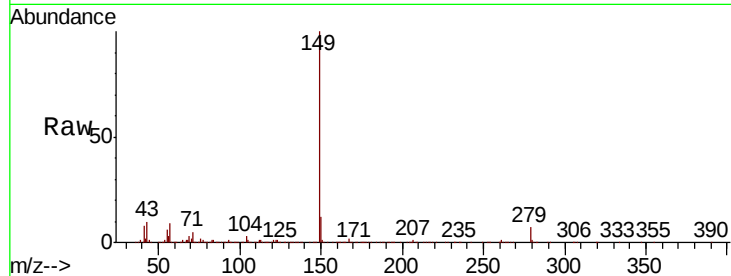
43 9.5 10.6 16.0#

Manual Integrations

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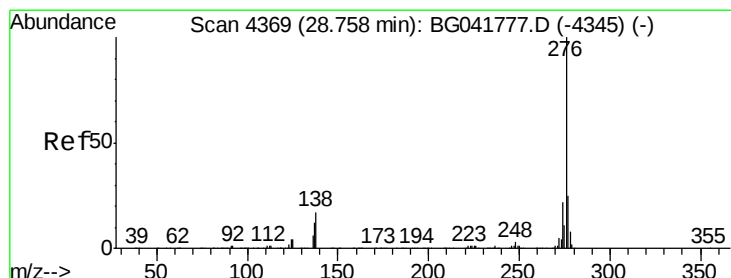
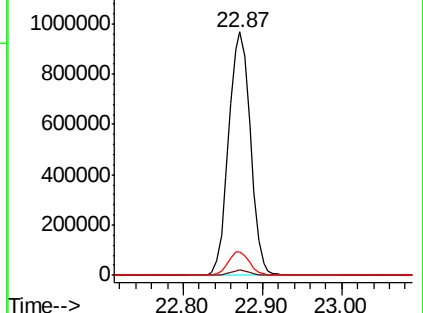
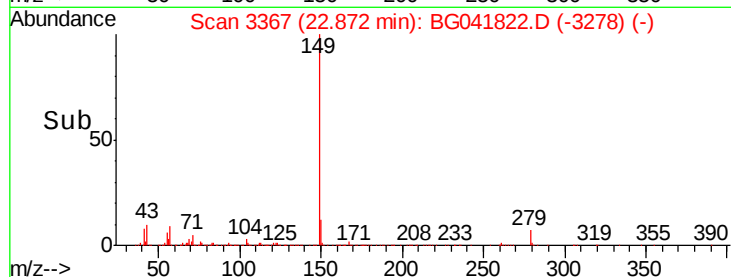
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 51.043 ng

RT: 28.76 min Scan# 4369

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

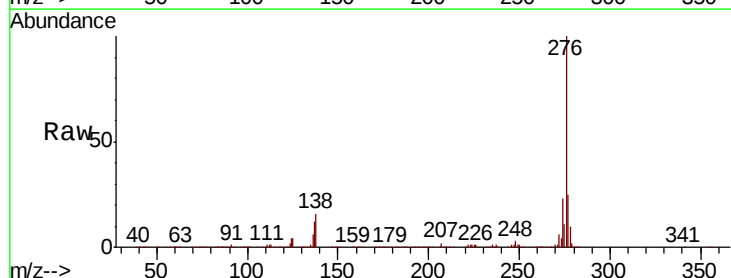
Tgt Ion:276 Resp: 2530587

Ion Ratio Lower Upper

276 100

138 13.6 19.4 29.0#

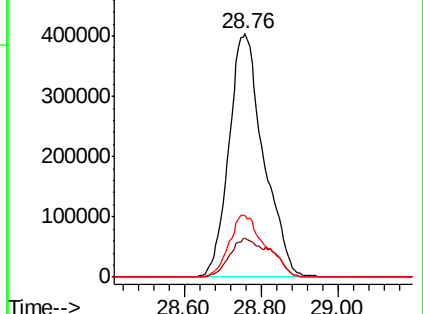
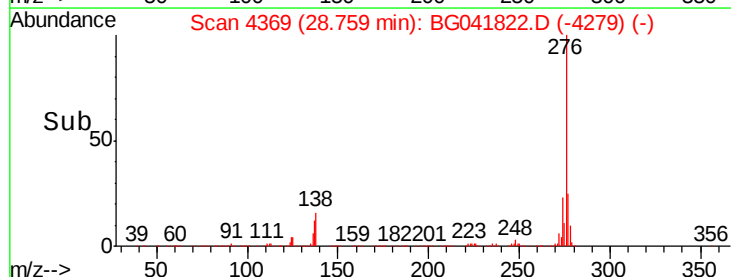
277 26.6 21.2 31.8

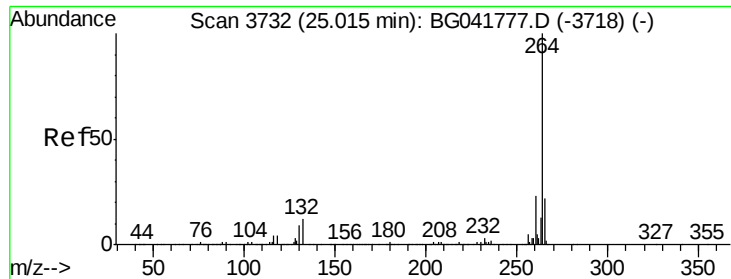


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.01 min Scan# 3731

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

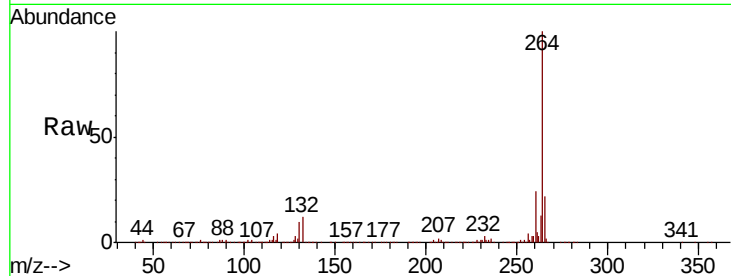
ClientSampleId :

TP-10MSD

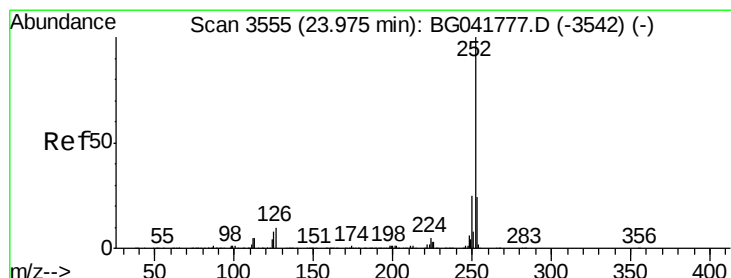
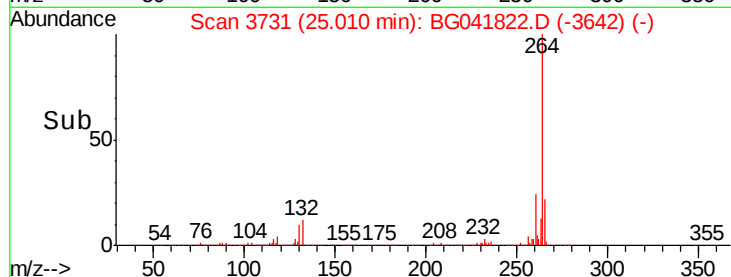
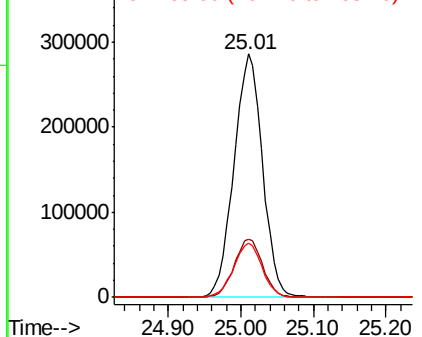
Tot Ion:	264	Resp:	783480
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.5	29.3
265	22.3	18.0	27.0

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



#88

Benzo(b)fluoranthene

Concen: 48.874 ng m

RT: 23.98 min Scan# 3555

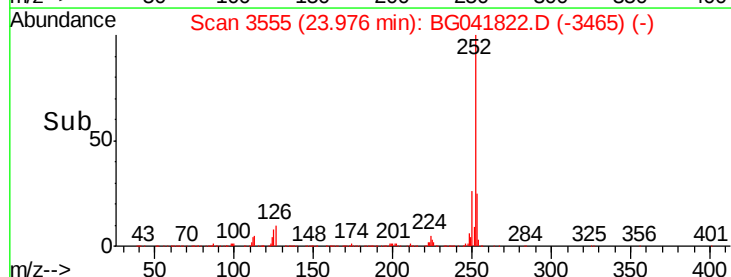
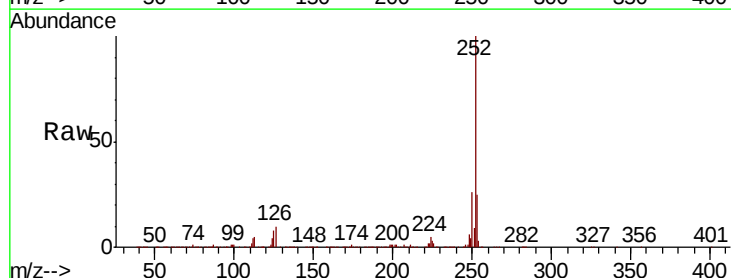
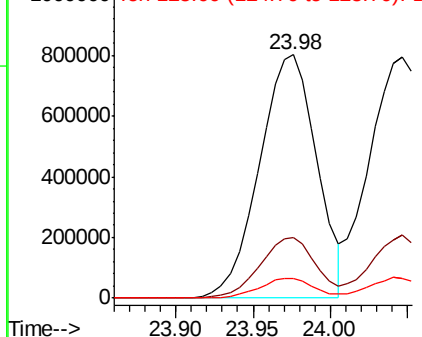
Delta R.T. 0.00 min

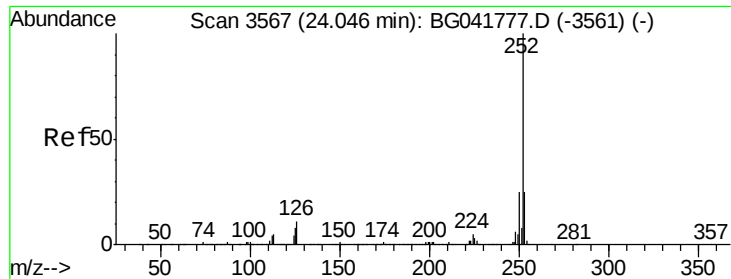
Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Tgt Ion:	252	Resp:	2094716
Ion Ratio	Lower	Upper	
252	100		
253	24.7	20.6	30.8
125	8.0	8.0	12.0#

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: 49.214 ng

RT: 24.05 min Scan# 3567

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

TP-10MSD

Tot Ion:252 Resp: 2054671

Ion Ratio Lower Upper

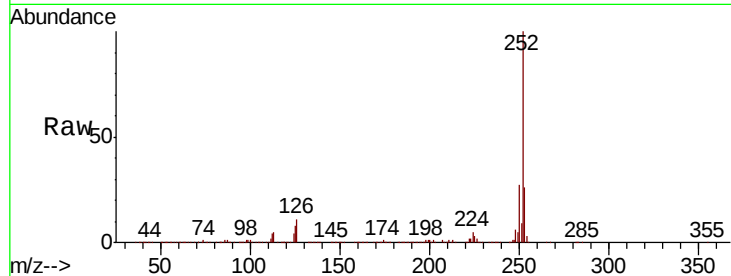
252 100

253 26.2 20.5 30.7

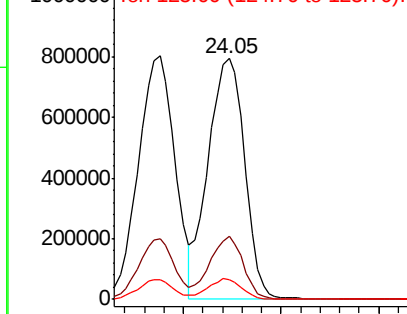
125 8.4 8.4 12.6#

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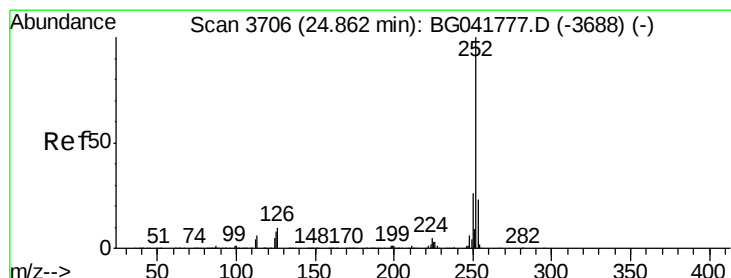
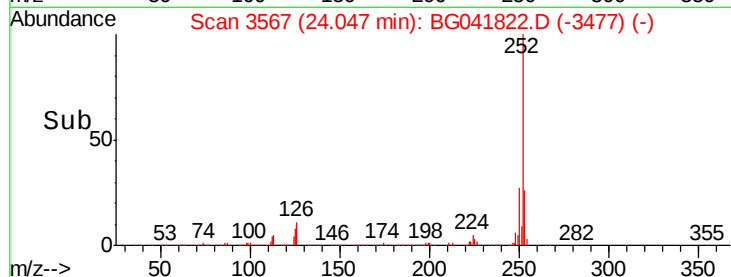
mohammad
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Benzo(a)pyrene

Concen: 50.878 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

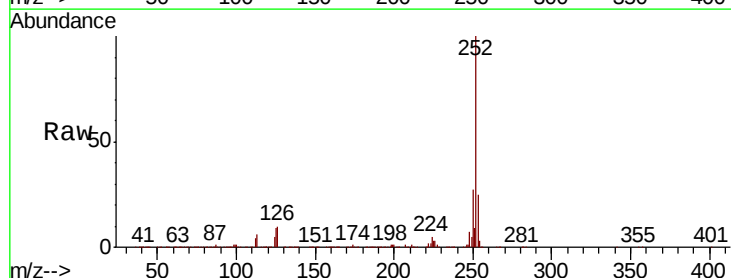
Tgt Ion:252 Resp: 2091391

Ion Ratio Lower Upper

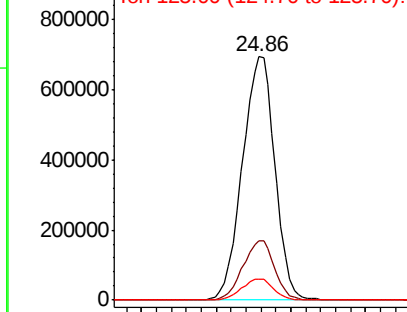
252 100

253 24.6 19.8 29.8

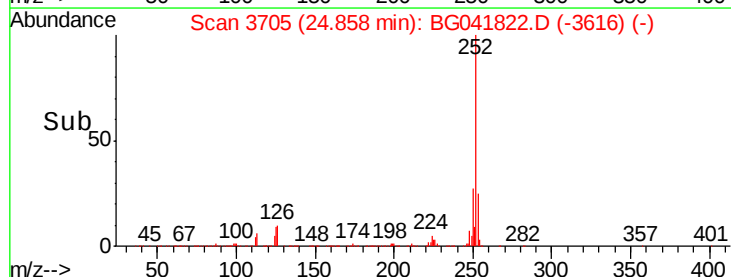
125 8.6 8.8 13.2#

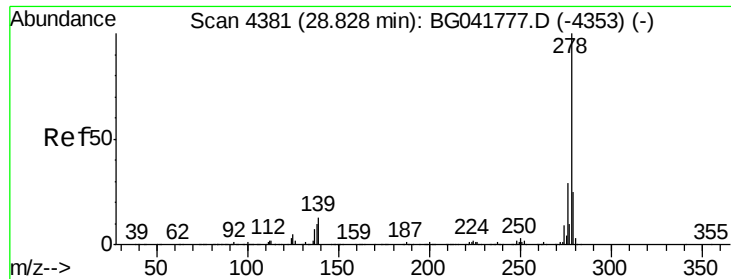


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





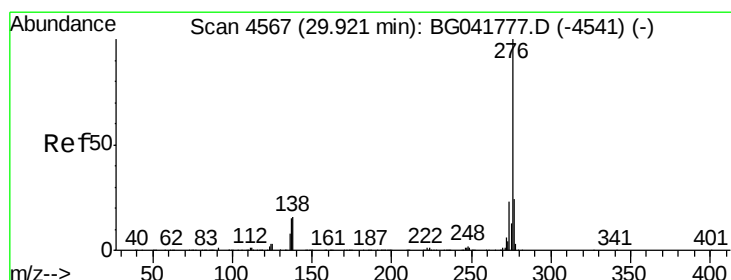
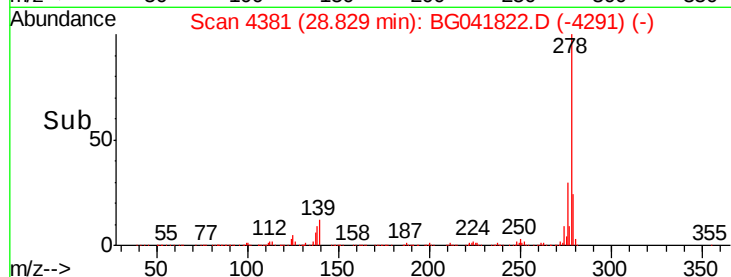
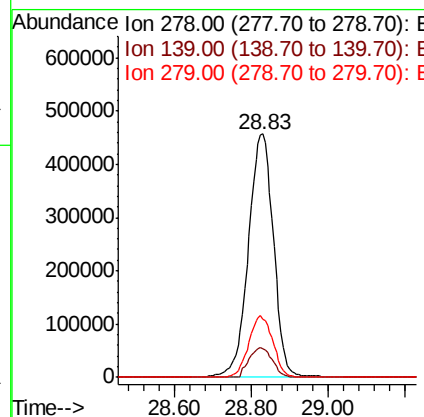
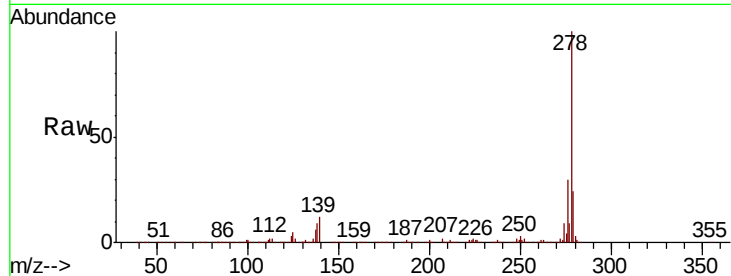
#91
Dibenzo(a,h)anthracene
Concen: 51.149 ng
RT: 28.83 min Scan# 4381
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.8	12.6	19.0#
279	23.8	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:14 PM



#92
Benzo(g,h,i)perylene
Concen: 52.044 ng
RT: 29.93 min Scan# 4568
Delta R.T. 0.01 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.8
138	16.7	16.6	25.0

