

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042691.D
 Acq On : 3 Sep 2019 16:34
 Operator : HP/JU
 Sample : K4554-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MSD

Manual Integrations
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mohammad
 9/6/2019 8:17:31 AM

Quant Time: Sep 04 04:45:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34326	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	131579	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	103421	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	244340	20.00	ng	0.00
76) Chrysene-d12	21.69	240	257825	20.00	ng	0.00
87) Perylene-d12	24.93	264	312081	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	221378	130.62	ng	0.00
7) Phenol-d6	7.17	99	298423	130.35	ng	0.00
23) Nitrobenzene-d5	9.17	82	171598	90.12	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	216006	146.95	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	574074	93.88	ng	0.00
79) Terphenyl-d14	20.02	244	1068578	89.60	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.41	88	21199	29.972	ng	100
3) Pyridine	3.82	79	51352	28.314	ng	96
4) n-Nitrosodimethylamine	3.74	42	26774	41.332	ng	# 86
6) Aniline	7.31	93	74680	24.457	ng	97
8) 2-Chlorophenol	7.56	128	90446	44.033	ng	98
9) Benzaldehyde	7.13	77	47014	41.019	ng	97
10) Phenol	7.19	94	122322	52.550	ng	94
11) bis(2-Chloroethyl)ether	7.41	93	68144	37.276	ng	96
12) 1,3-Dichlorobenzene	7.88	146	102496	39.225	ng	99
13) 1,4-Dichlorobenzene	8.03	146	105709	39.938	ng	98
14) 1,2-Dichlorobenzene	8.35	146	101082	39.879	ng	99
15) Benzyl Alcohol	8.24	79	67548	41.011	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	86157	34.772	ng	99
17) 2-Methylphenol	8.45	107	73231	42.713	ng	95
18) Hexachloroethane	9.09	117	35528	39.209	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	54694	36.876	ng	95
20) 3+4-Methylphenols	8.78	107	98140	41.367	ng	98
22) Acetophenone	8.82	105	126019	44.779	ng	# 97
24) Nitrobenzene	9.21	77	83062	43.079	ng	96
25) Isophorone	9.74	82	155655	41.423	ng	99
26) 2-Nitrophenol	9.92	139	55876	46.243	ng	# 92
27) 2,4-Dimethylphenol	9.99	122	86480	51.957	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	96857	40.895	ng	98
29) 2,4-Dichlorophenol	10.47	162	108570	49.856	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	122296	45.753	ng	99
31) Naphthalene	10.87	128	280133	45.857	ng	99
32) Benzoic acid	10.16	122	32297	30.356	ng	96
33) 4-Chloroaniline	10.98	127	51644	18.313	ng	97
34) Hexachlorobutadiene	11.16	225	83326	46.385	ng	98
35) Caprolactam	11.76	113	31875m	43.866	ng	
36) 4-Chloro-3-methylphenol	12.12	107	100250	48.494	ng	96
37) 2-Methylnaphthalene	12.48	142	233122	47.526	ng	98
38) 1-Methylnaphthalene	12.70	142	217336	46.646	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	162315	48.872	ng	99

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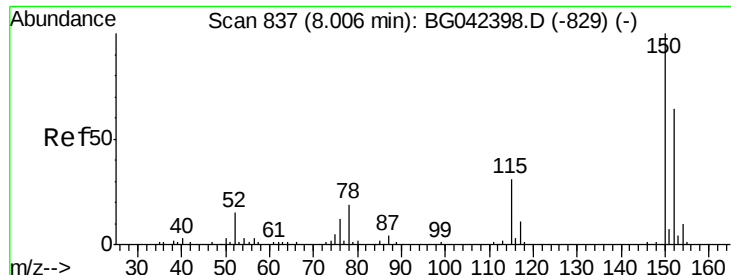
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Quant Time: Sep 04 04:45:30 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	125421	71.891	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	103640	46.166	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	112446	48.335	nq	97
46) 1,1'-Biphenyl	13.49	154	308790	46.190	nq	96
47) 2-Chloronaphthalene	13.53	162	259817	45.072	nq	98
48) 2-Nitroaniline	13.74	65	56458	40.616	nq	95
49) Acenaphthylene	14.38	152	408047	47.051	nq	99
50) Dimethylphthalate	14.11	163	363843	48.758	nq	99
51) 2,6-Dinitrotoluene	14.23	165	80202	46.368	nq	95
52) Acenaphthene	14.72	154	237584	45.116	nq	99
53) 3-Nitroaniline	14.57	138	44556	25.757	nq	96
54) 2,4-Dinitrophenol	14.78	184	77585	67.595	nq	98
55) Dibenzofuran	15.06	168	418603	48.023	nq	99
56) 4-Nitrophenol	14.89	139	109927	89.431	nq	93
57) 2,4-Dinitrotoluene	15.02	165	113114	45.668	nq	98
58) Fluorene	15.71	166	336487	47.223	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	113262	49.231	nq	95
60) Diethylphthalate	15.47	149	322602	44.224	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	202624	47.173	nq	99
62) 4-Nitroaniline	15.73	138	77735	41.988	nq	94
63) Azobenzene	15.99	77	215679	43.149	nq	94
65) 4,6-Dinitro-2-methylphenol	15.80	198	69036	45.065	nq	93
66) n-Nitrosodiphenylamine	15.91	169	314410	46.790	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	144383	46.586	nq	98
68) Hexachlorobenzene	16.72	284	153319	45.506	nq	99
69) Atrazine	16.86	200	118945	50.056	nq	98
70) Pentachlorophenol	17.07	266	161248	92.112	nq	97
71) Phenanthrene	17.46	178	575125	47.387	nq	99
72) Anthracene	17.54	178	581952	48.031	nq	99
73) Carbazole	17.81	167	506458	46.901	nq	98
74) Di-n-butylphthalate	18.37	149	575609	45.094	nq	100
75) Fluoranthene	19.47	202	741953	50.091	nq	97
77) Benzidine	19.64	184	297693	40.273	nq	99
78) Pyrene	19.82	202	746536	47.228	nq	98
80) Butylbenzylphthalate	20.71	149	268685	43.216	nq	96
81) Benzo(a)anthracene	21.67	228	740821	47.234	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	193652	30.700	nq	99
83) Chrysene	21.74	228	714187	47.216	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	382863	44.352	nq	99
85) Di-n-octyl phthalate	22.79	149	667204	44.939	nq	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	936426	45.556	nq	# 96
88) Benzo(b)fluoranthene	23.90	252	808336	47.114	nq	98
89) Benzo(k)fluoranthene	23.97	252	801832	48.621	nq	# 98
90) Benzo(a)pyrene	24.78	252	803884	49.377	nq	99
91) Dibenzo(a,h)anthracene	28.71	278	777888	47.190	nq	97
92) Benzo(g,h,i)perylene	29.81	276	773559	46.920	nq	99

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



#1

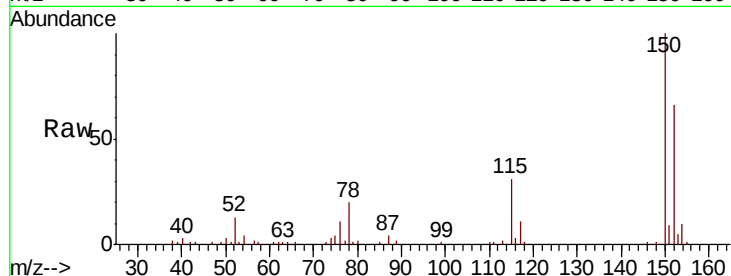
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	125.4	188.0
115	46.6	38.5	57.7

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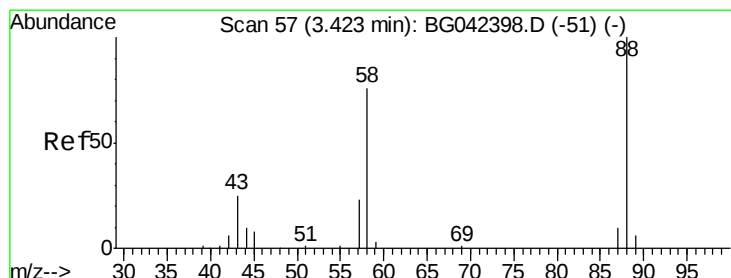
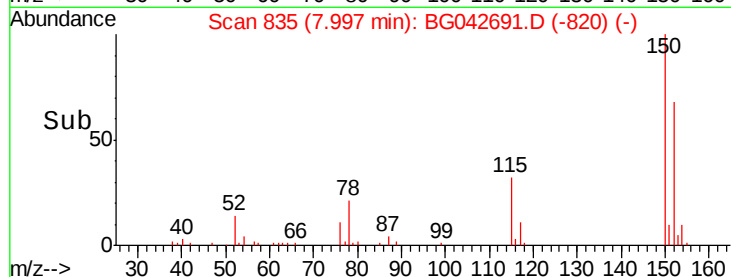
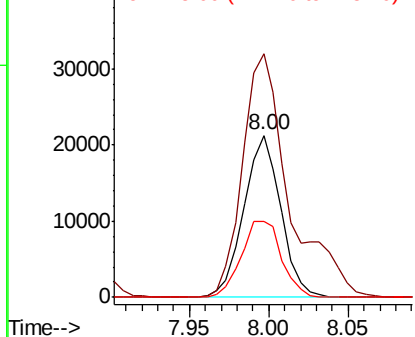


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

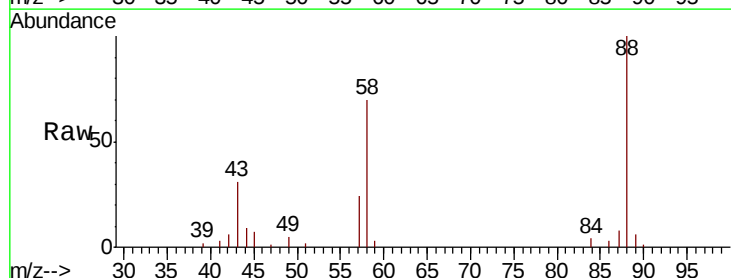
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.972 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.2	58.3	87.5
43	24.8	20.2	30.2

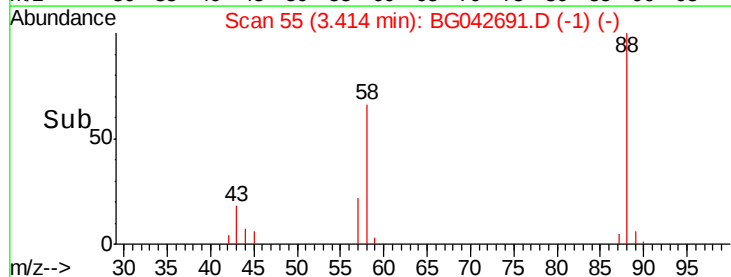
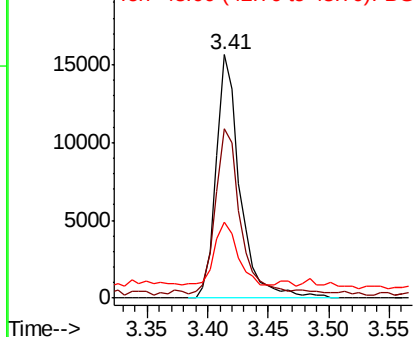


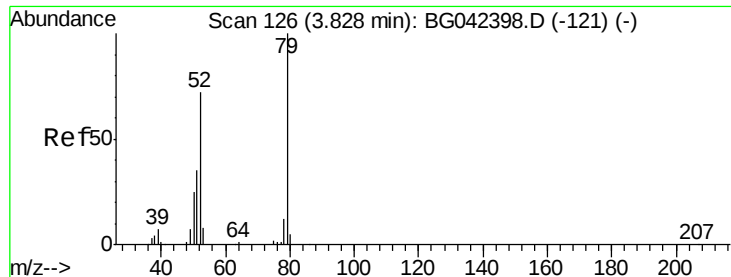
Abundance

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: 28.314 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

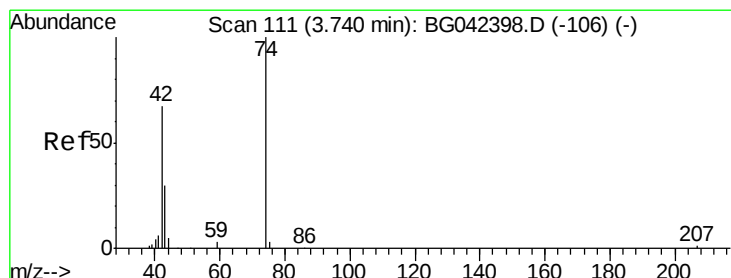
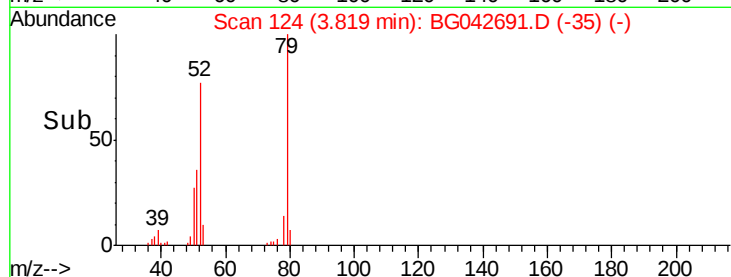
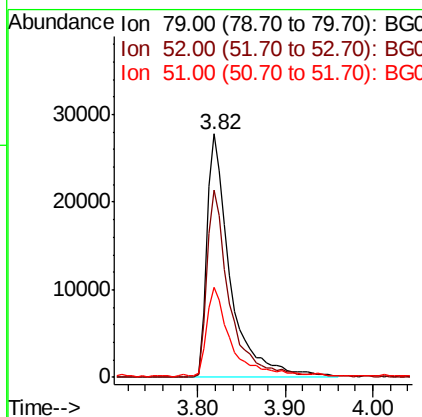
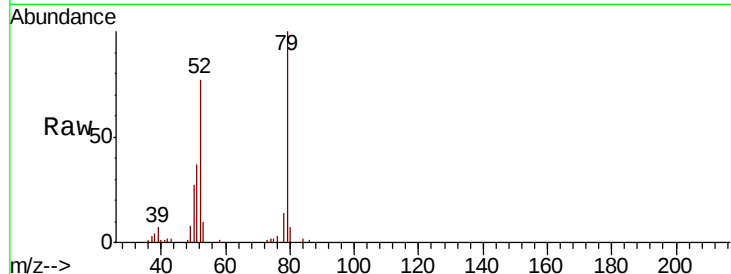
ClientSampleId :

SB-13-(13-15)MSD

Tot Ion:	79	Resp:	51352
Ion	Ratio	Lower	Upper
79	100		
52	76.9	57.7	86.5
51	36.9	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 41.332 ng

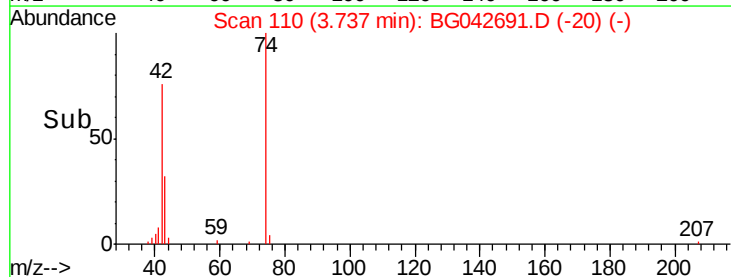
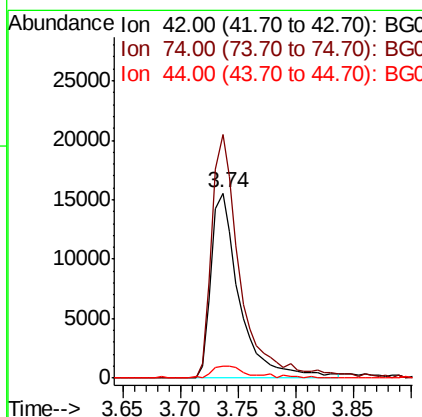
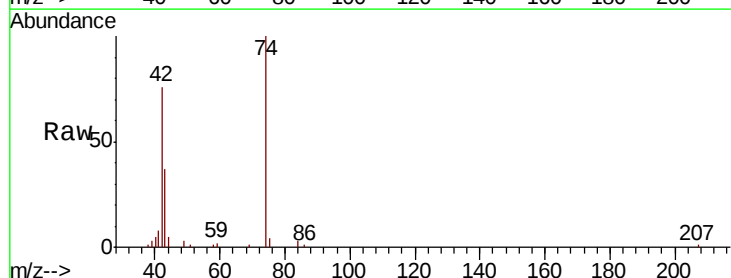
RT: 3.74 min Scan# 110

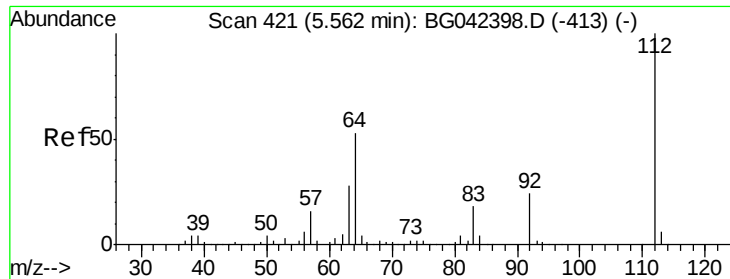
Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Tgt Ion:	42	Resp:	26774
Ion	Ratio	Lower	Upper
42	100		
74	131.7	119.6	179.4
44	6.3	6.5	9.7#





#5

2-Fluorophenol

Concen: 130.617 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

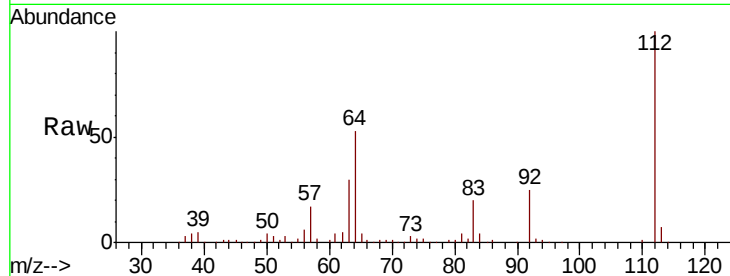
ClientSampleId :

SB-13-(13-15)MSD

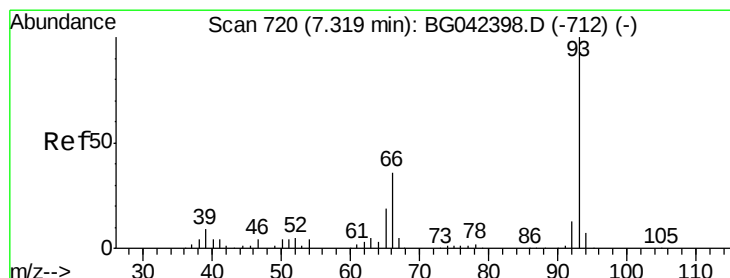
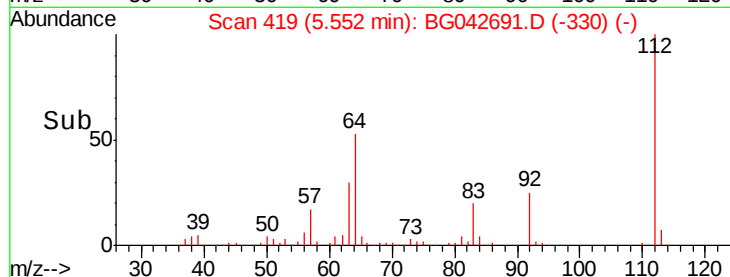
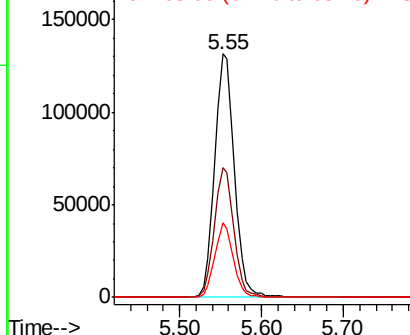
Tot Ion:	112	Resp:	221378
Ion Ratio	Lower	Upper	
112	100		
64	53.3	42.8	64.2
63	30.4	22.7	34.1

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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: 24.457 ng

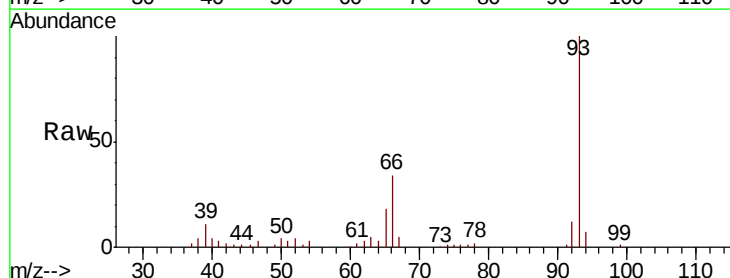
RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

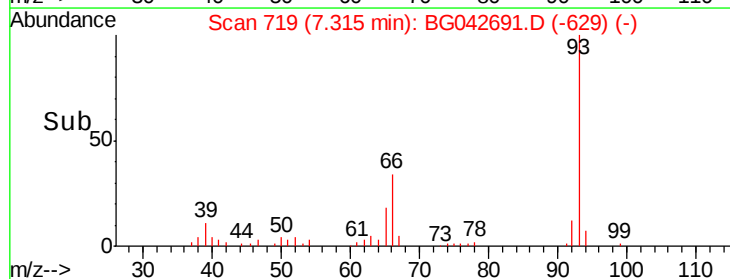
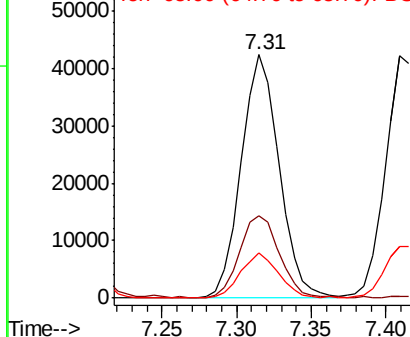
Lab File: BG042691.D

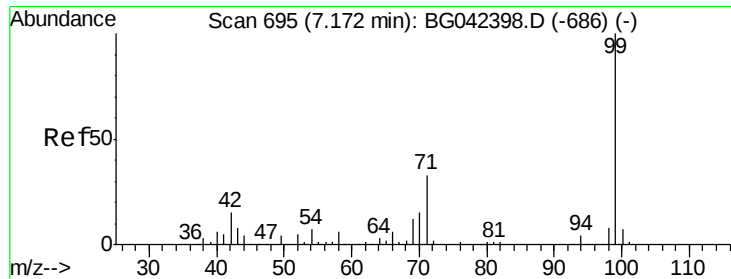
Acq: 3 Sep 2019 16:34

Tgt Ion:	93	Resp:	74680
Ion Ratio	Lower	Upper	
93	100		
66	33.8	29.0	43.6
65	18.3	15.2	22.8



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: 130.351 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

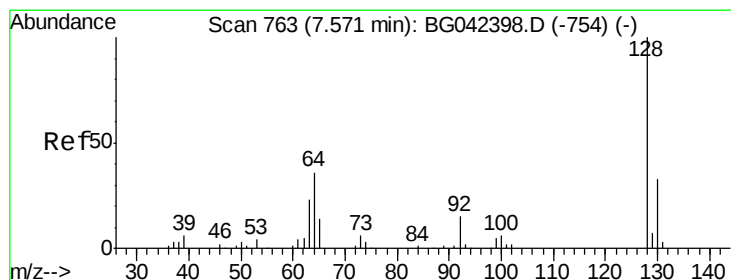
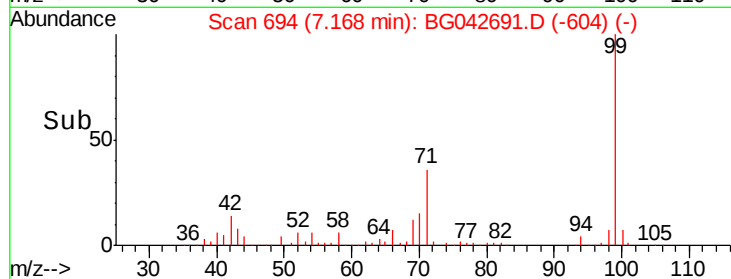
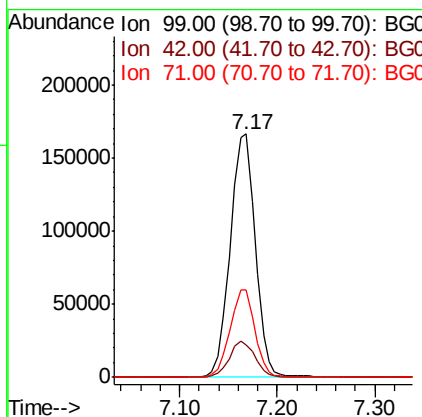
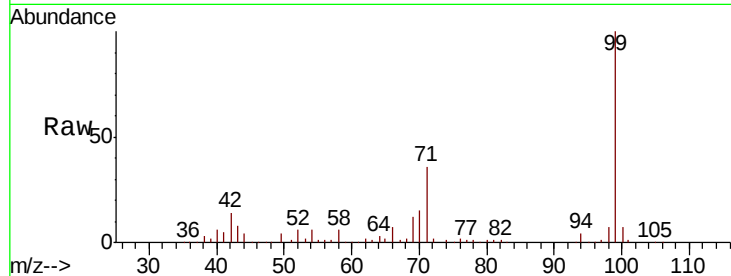
ClientSampleId :

SB-13-(13-15)MSD

Tot Ion:	99	Resp:	298423
Ion Ratio	Lower	Upper	
99	100		
42	13.5	12.0	18.0
71	35.7	26.3	39.5

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#8

2-Chlorophenol

Concen: 44.033 ng

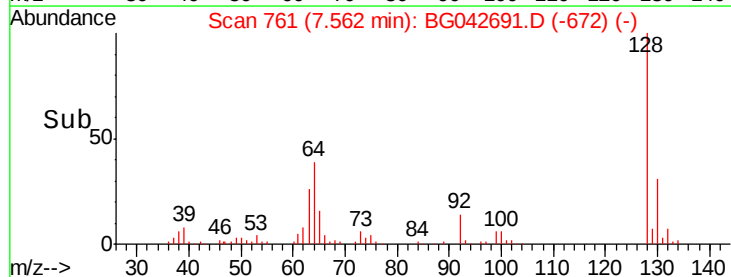
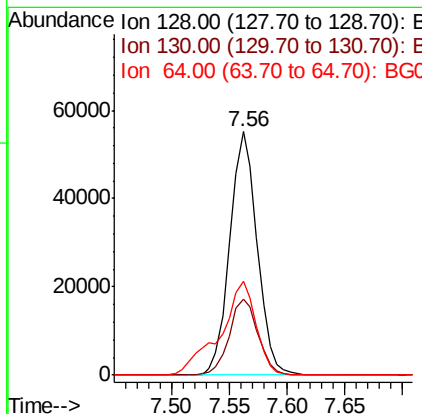
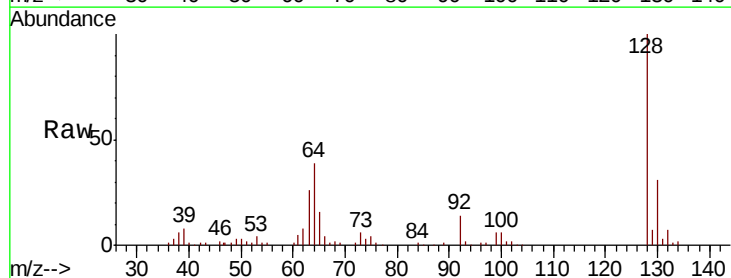
RT: 7.56 min Scan# 761

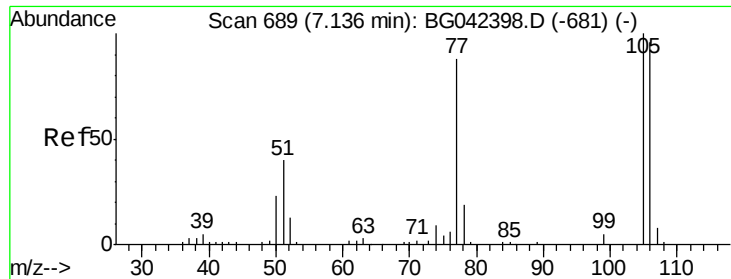
Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Tgt Ion:	128	Resp:	90446
Ion Ratio	Lower	Upper	
128	100		
130	31.1	12.8	52.8
64	38.5	19.2	59.2





#9

Benzaldehyde

Concen: 41.019 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampleId :

SB-13-(13-15)MSD

Tot Ion: 77 Resp: 47014

Ion Ratio Lower Upper

77 100

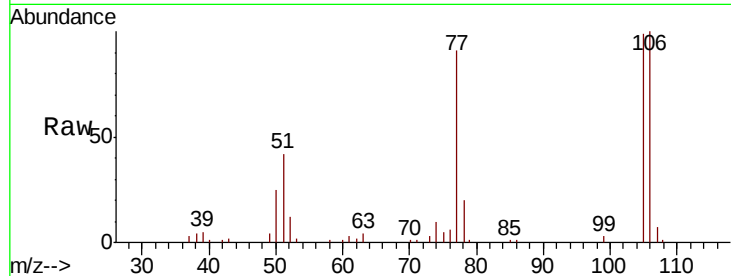
105 109.6 93.4 133.4

106 110.4 88.4 128.4

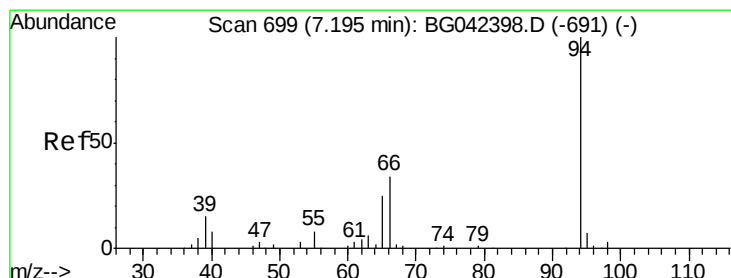
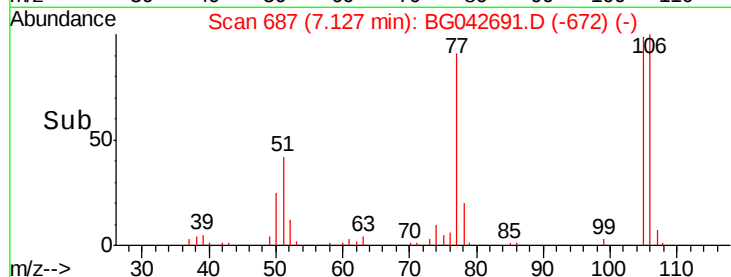
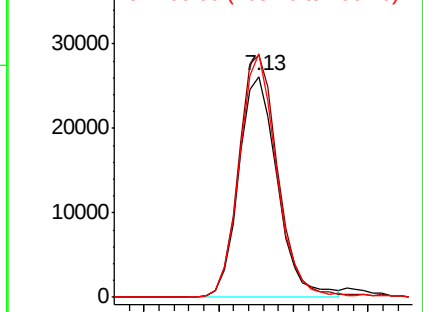
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 52.550 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

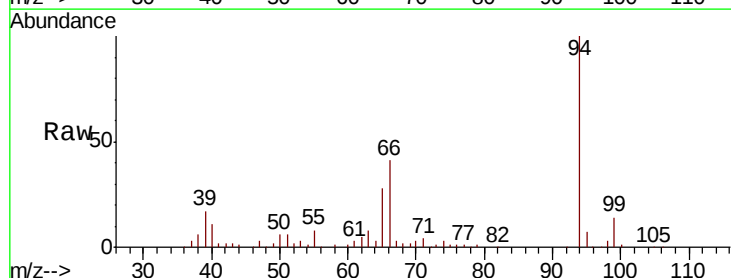
Tgt Ion: 94 Resp: 122322

Ion Ratio Lower Upper

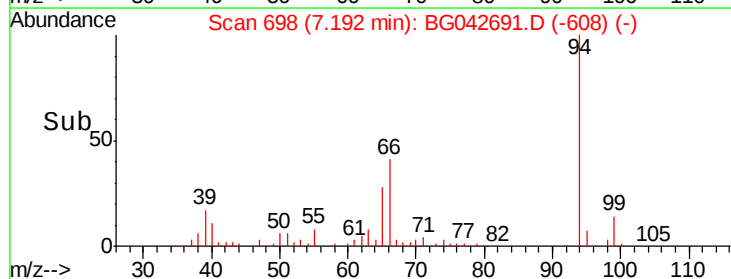
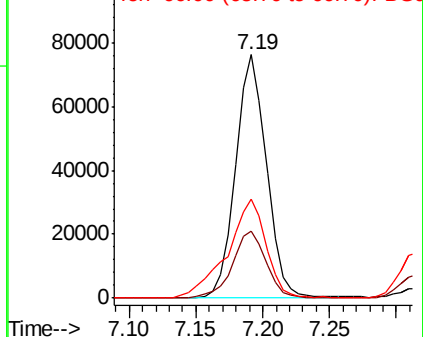
94 100

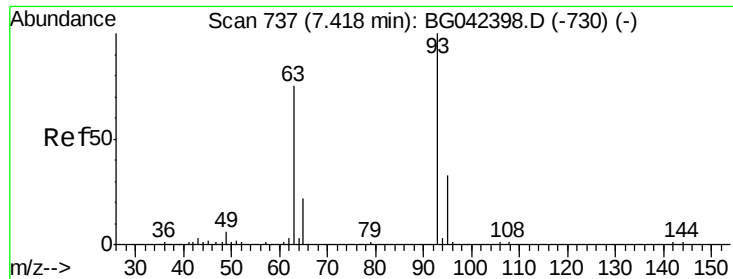
65 27.5 5.6 45.6

66 40.7 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.276 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

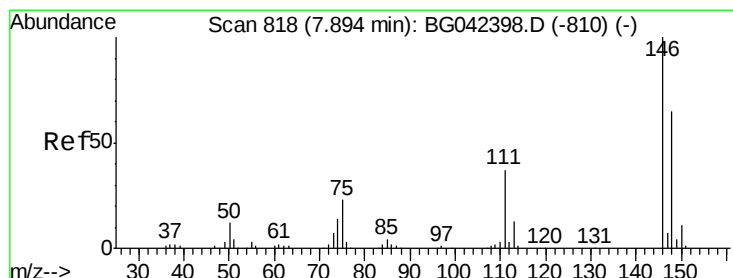
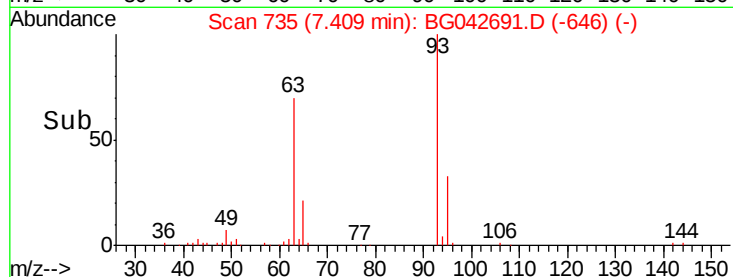
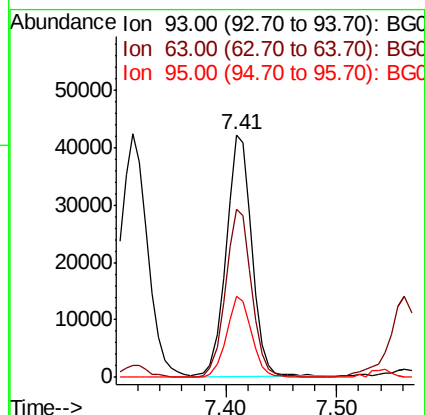
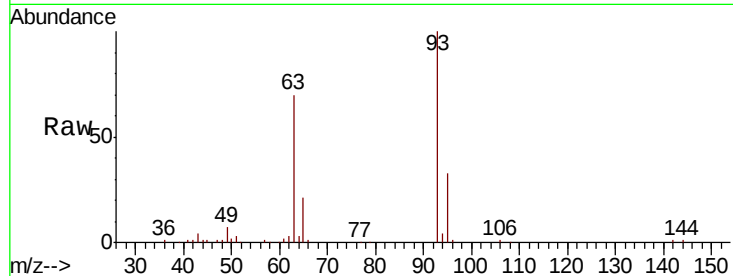
ClientSampleId :

SB-13-(13-15)MSD

Tot Ion:	93	Resp:	68144
Ion	Ratio	Lower	Upper
93	100		
63	69.5	53.8	93.8
95	33.4	13.1	53.1

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.225 ng

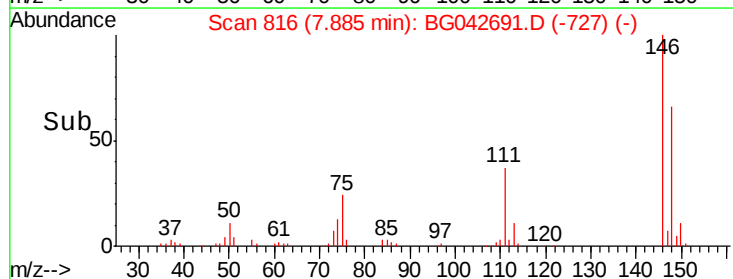
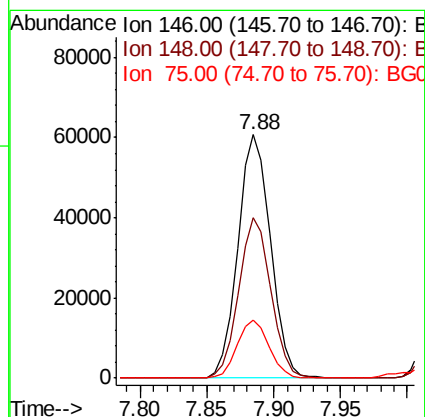
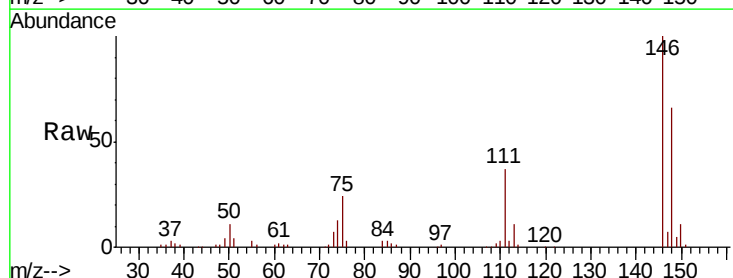
RT: 7.88 min Scan# 816

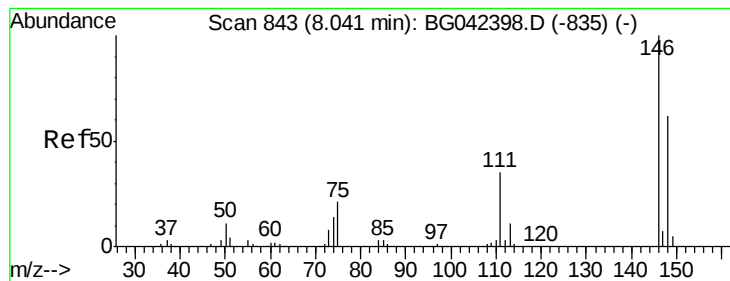
Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Tgt Ion:	146	Resp:	102496
Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.2	78.2
75	23.6	18.0	27.0





#13

1,4-Dichlorobenzene

Concen: 39.938 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

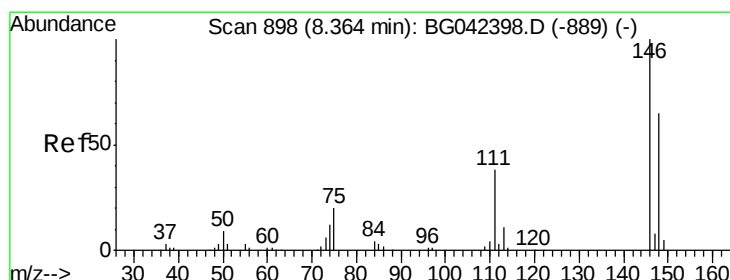
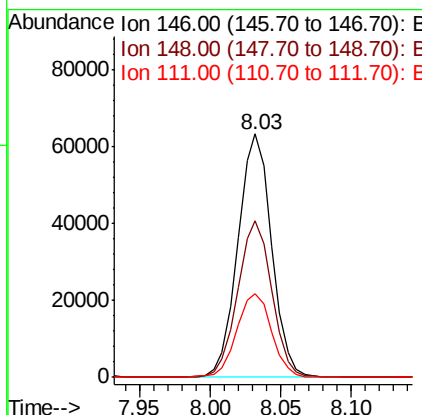
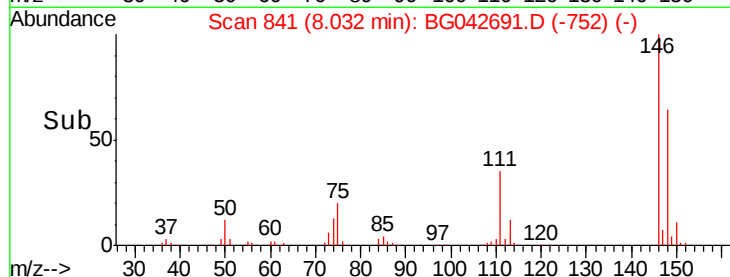
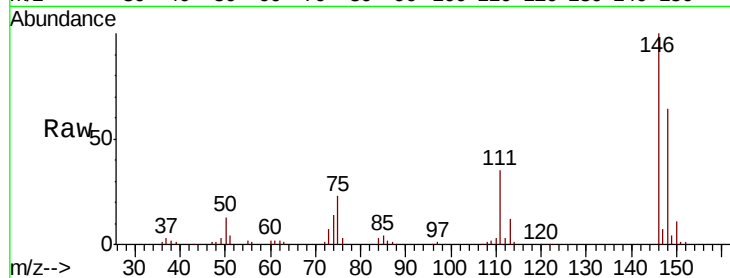
ClientSampleId :

SB-13-(13-15)MSD

Tot Ion:	146	Resp:	105709
Ion Ratio	Lower	Upper	
146	100		
148	64.3	49.5	74.3
111	34.6	28.1	42.1

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#14

1,2-Dichlorobenzene

Concen: 39.879 ng

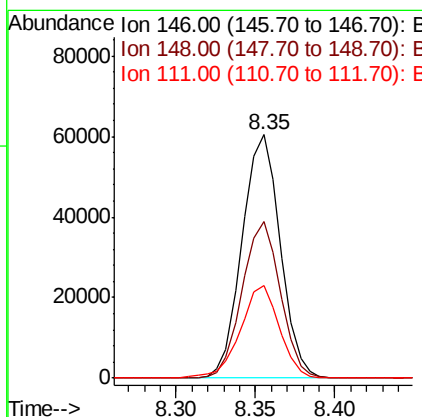
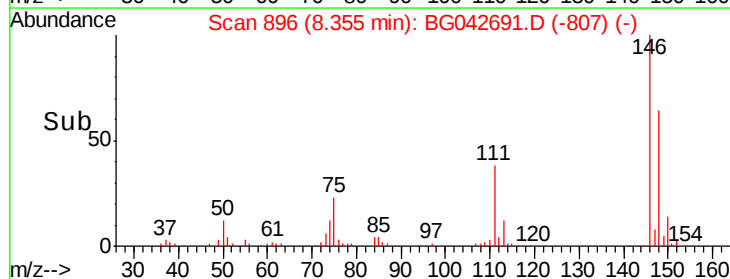
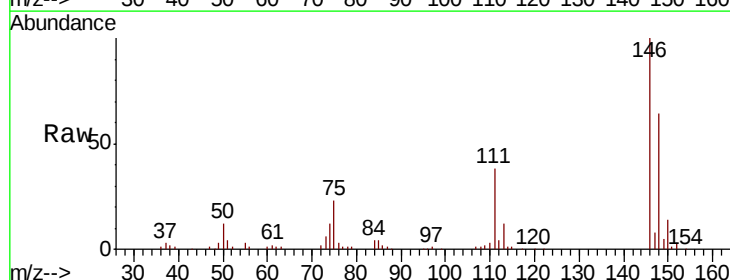
RT: 8.35 min Scan# 896

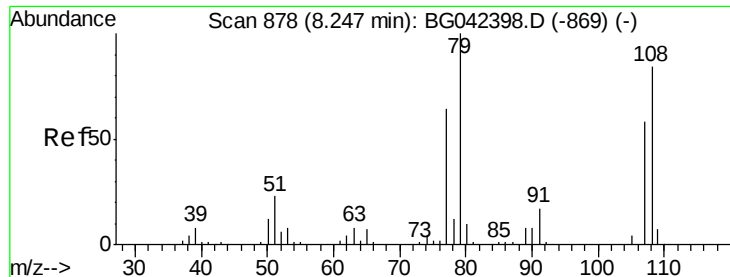
Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Tgt Ion:	146	Resp:	101082
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.8	77.6
111	38.0	30.9	46.3





#15

Benzyl Alcohol

Concen: 41.011 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

ClientSampleId :

SB-13-(13-15)MSD

Tot Ion: 79 Resp: 67548

Ion Ratio Lower Upper

79 100

108 81.5 67.4 101.2

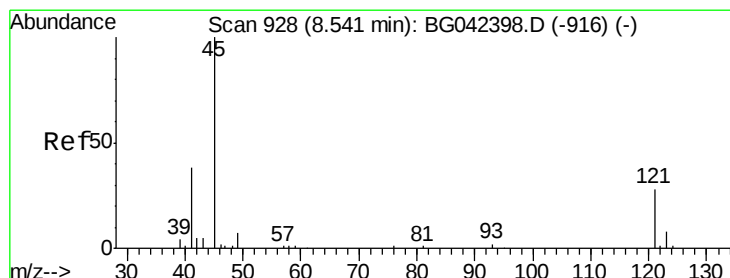
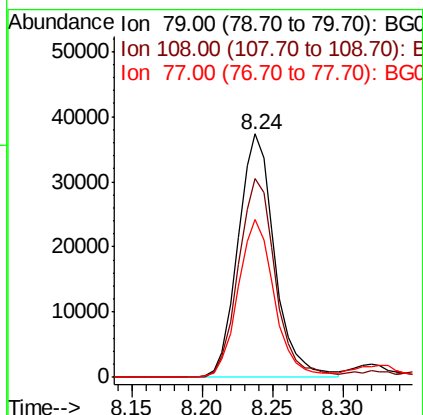
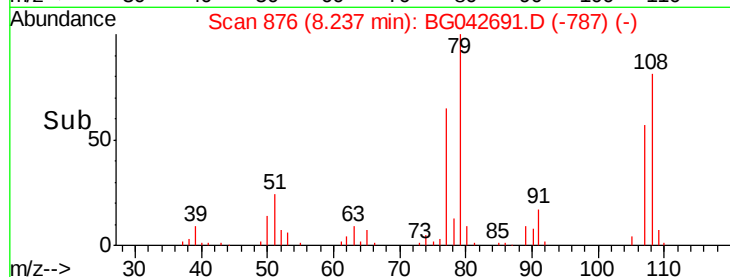
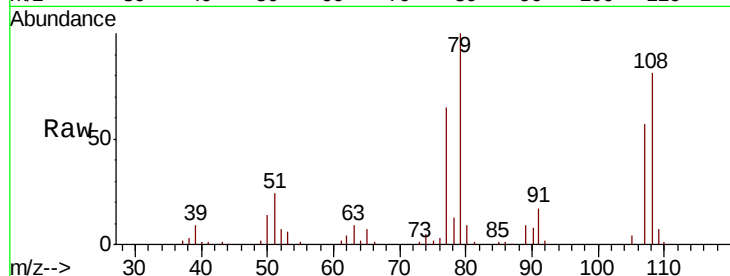
77 64.9 50.8 76.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.772 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

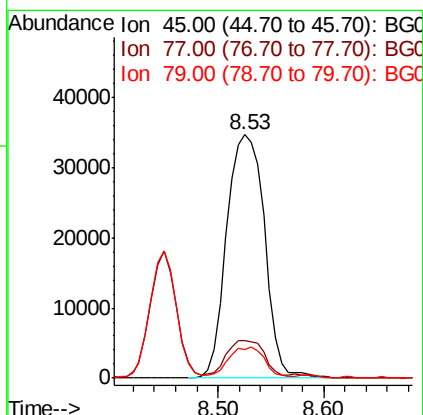
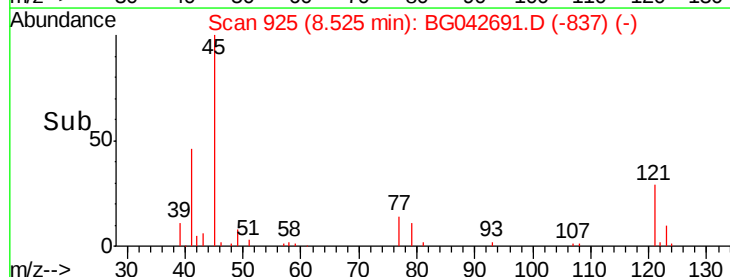
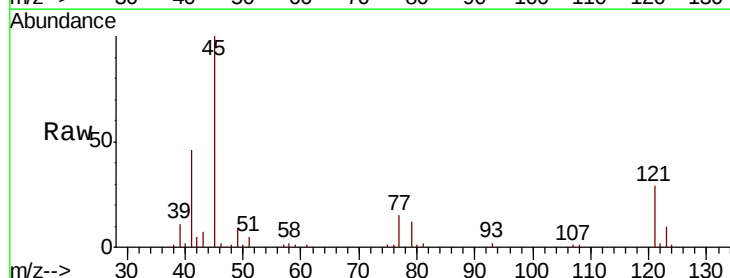
Tgt Ion: 45 Resp: 86157

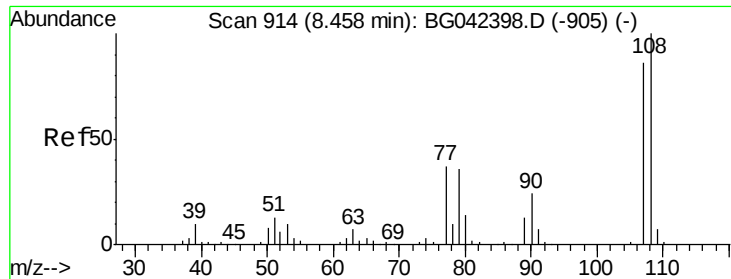
Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.6

79 11.8 0.0 31.6





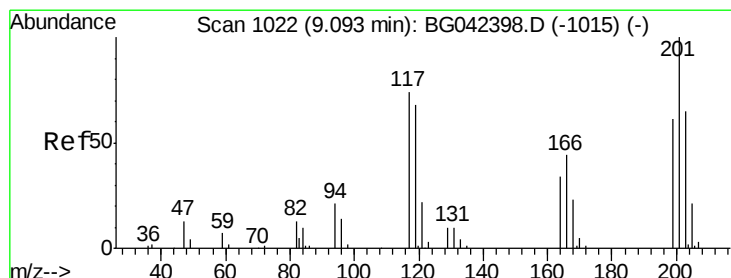
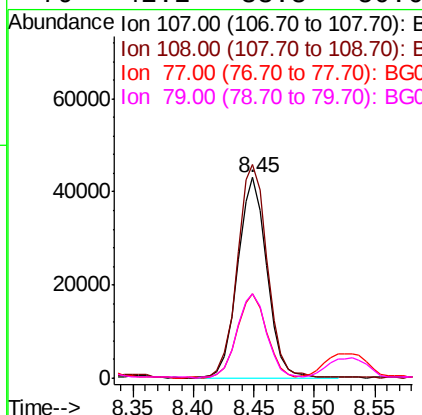
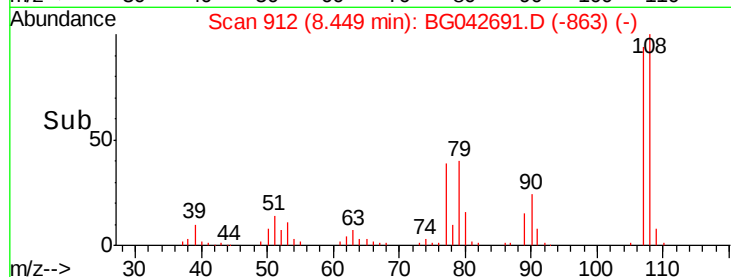
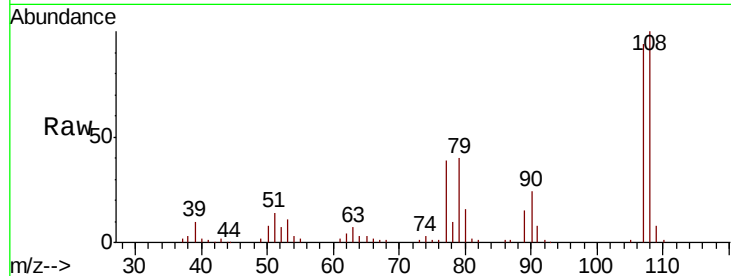
#17
2-Methylphenol
Concen: 42.713 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.5	92.9	139.3
77	42.0	34.4	51.6
79	42.2	33.8	50.6

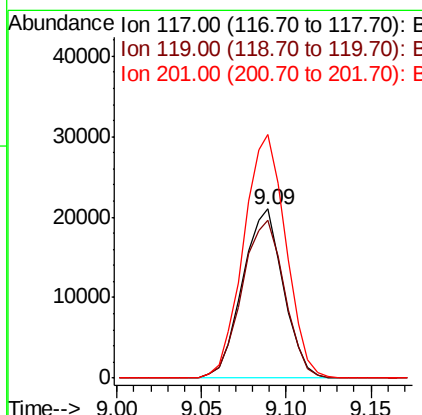
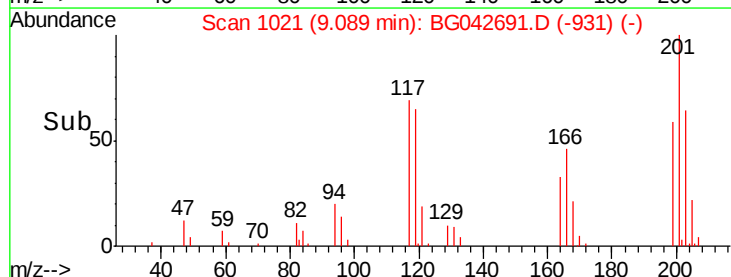
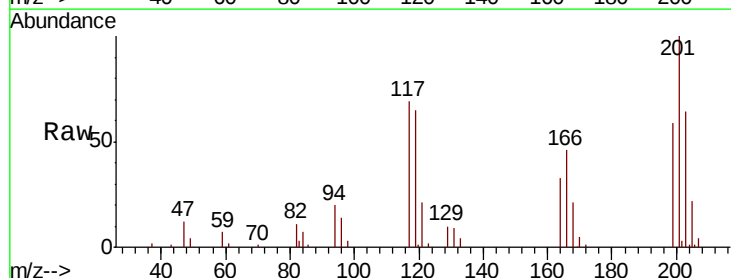
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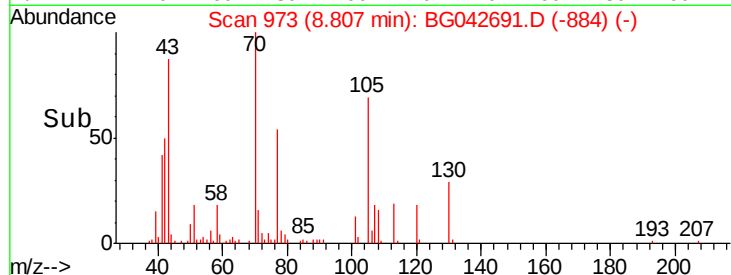
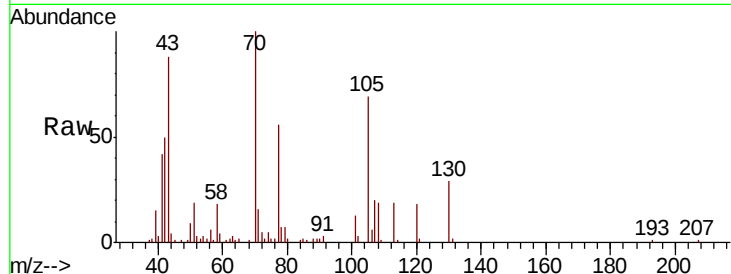
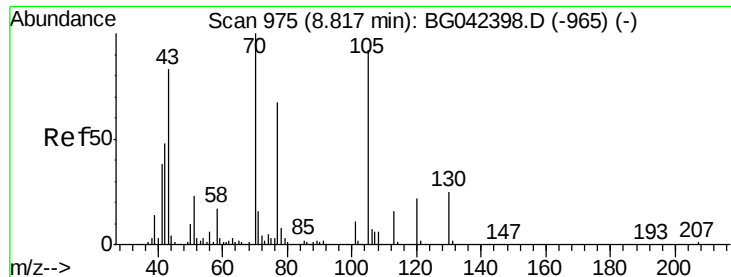
mohammad
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#18
Hexachloroethane
Concen: 39.209 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	73.8	110.8
201	144.3	108.3	162.5





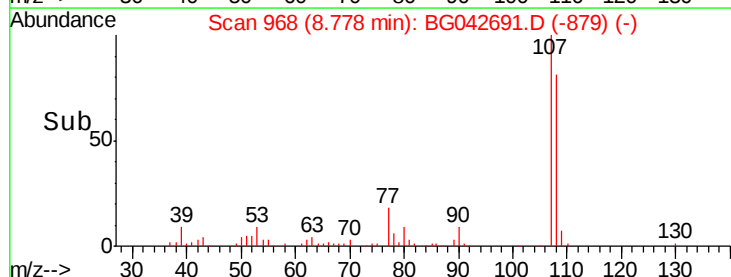
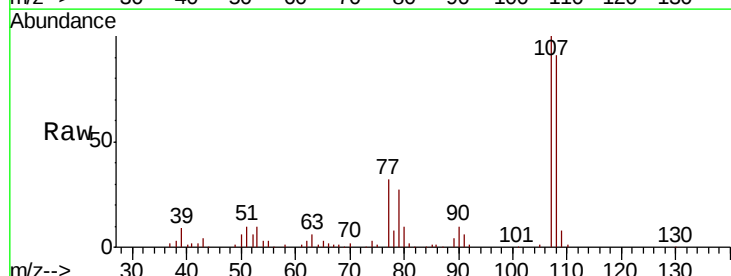
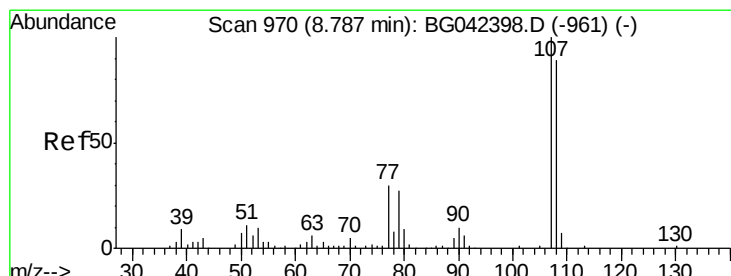
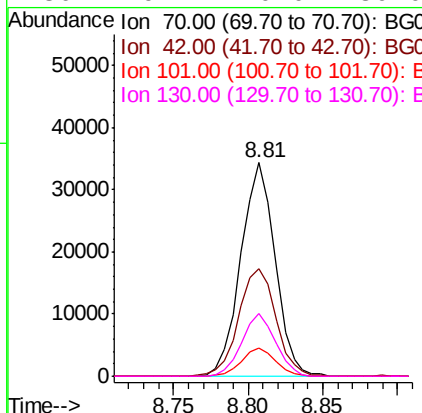
#19
n-Nitroso-di-n-propylamine
Concen: 36.876 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		54694		
42	50.4	38.8	58.2		
101	13.3	9.0	13.6		
130	29.2	20.0	30.0		

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

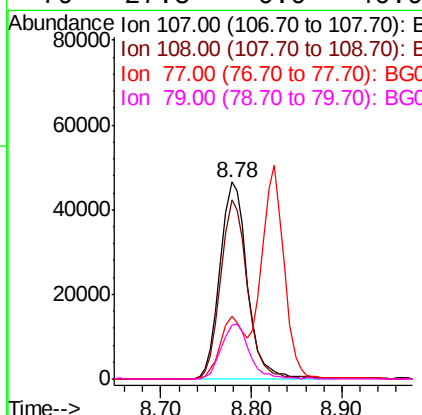
Manual Integrations
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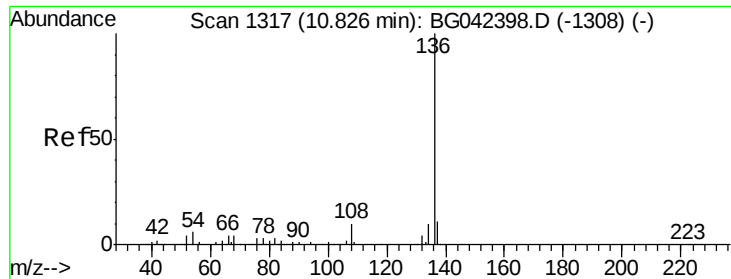
mohammad
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#20
3+4-Methylphenols
Concen: 41.367 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		98140		
108	90.8	68.7	108.7		
77	31.9	10.2	50.2		
79	27.5	6.9	46.9		





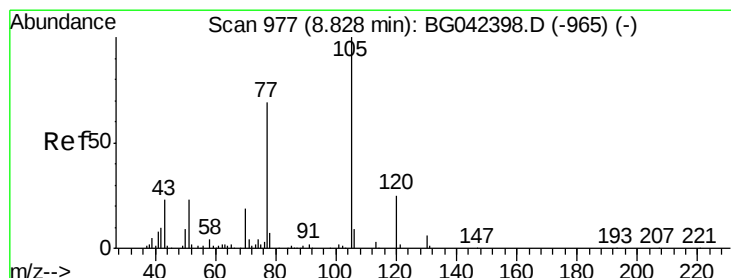
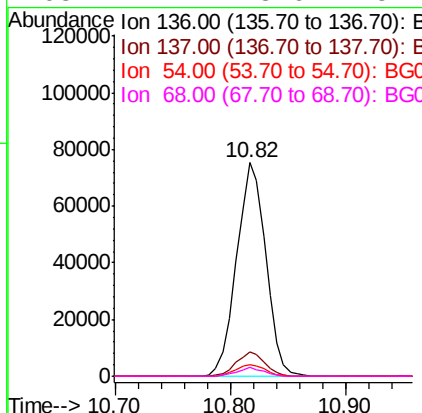
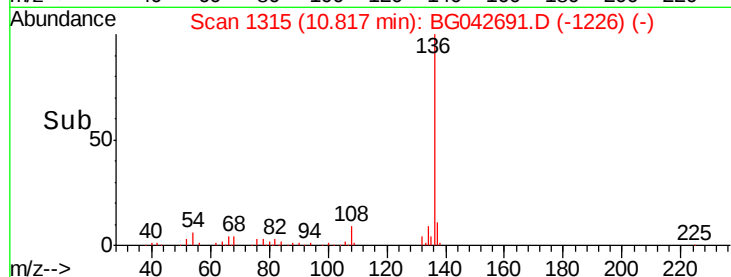
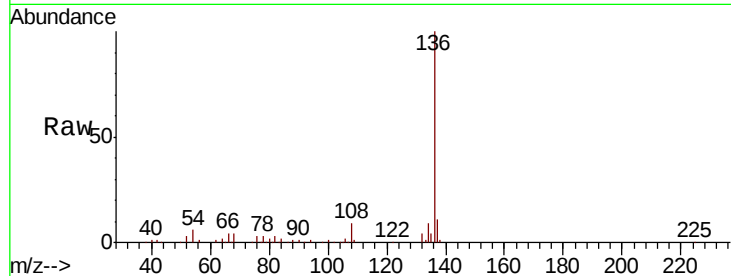
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.7	13.1	
54	5.7	4.9	7.3	
68	4.1	3.6	5.4	

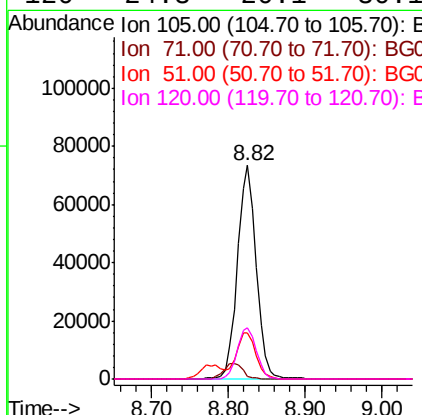
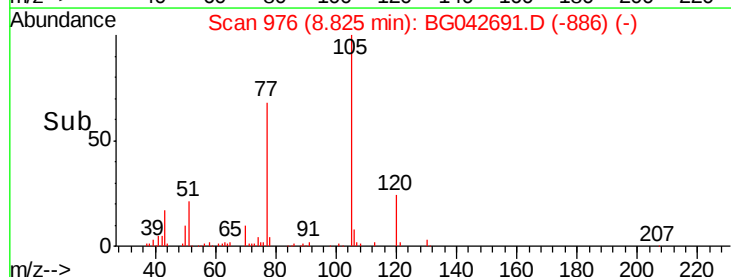
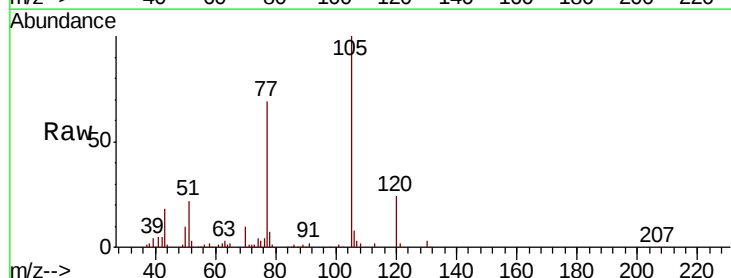
Manual Integrations
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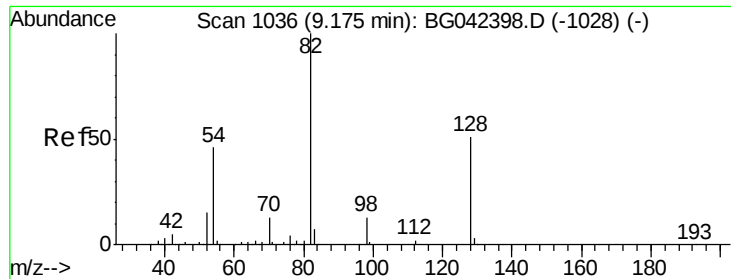
mohammad
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#22
Acetophenone
Concen: 44.779 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.5	2.8	4.2#	
51	21.9	18.7	28.1	
120	24.3	20.1	30.1	





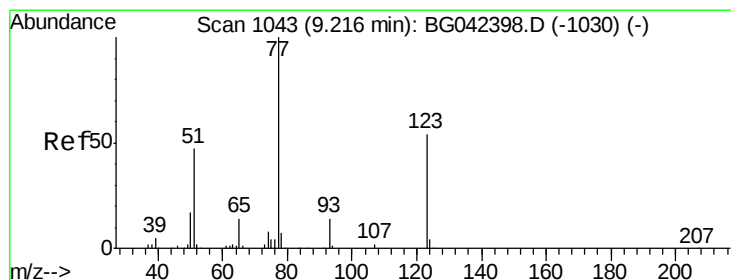
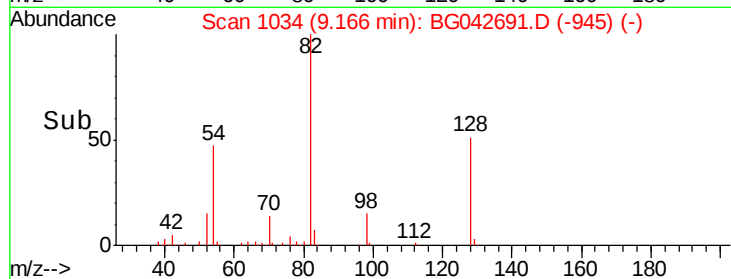
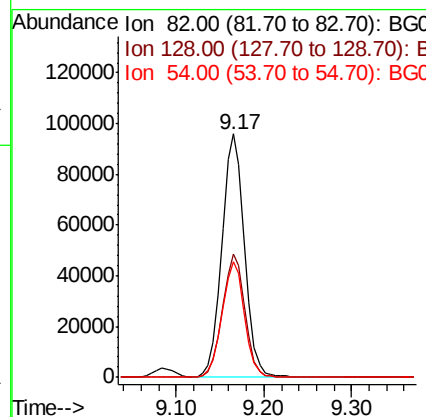
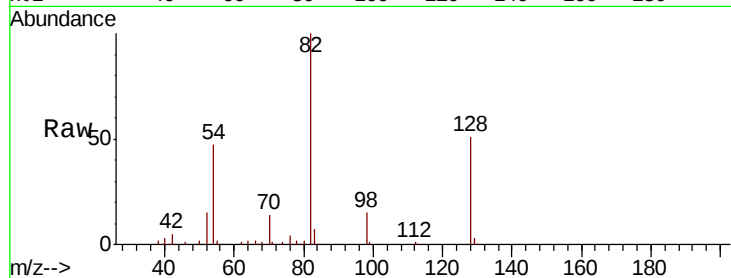
#23
 Nitrobenzene-d5
 Concen: 90.122 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.7	61.1
54	47.5	36.3	54.5

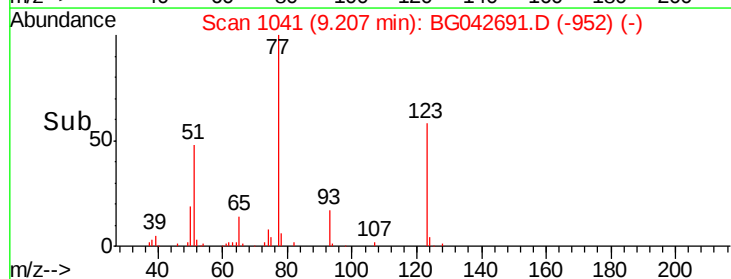
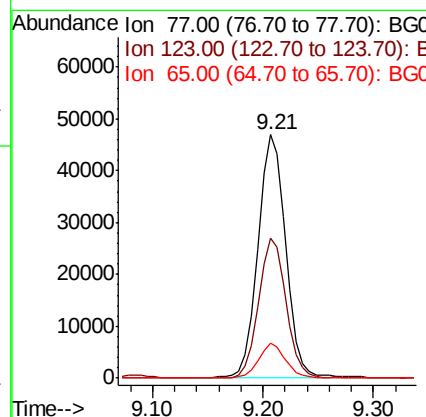
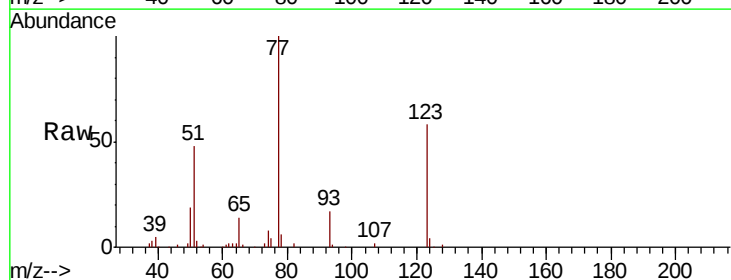
Manual Integrations
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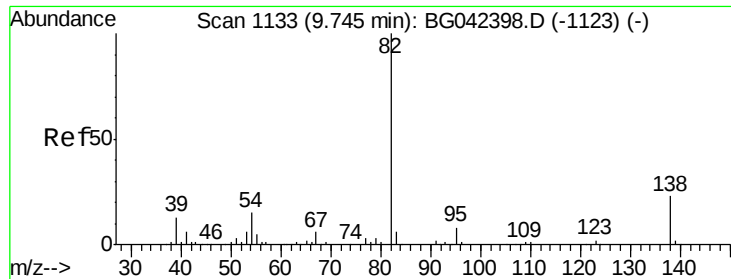
mohammad
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#24
 Nitrobenzene
 Concen: 43.079 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	57.7	43.4	65.0
65	14.1	11.0	16.6





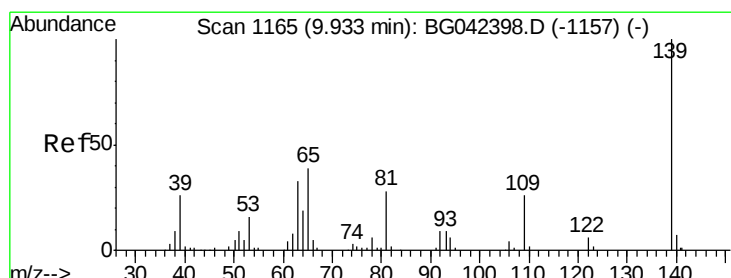
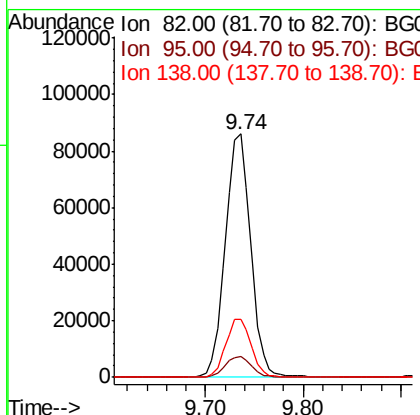
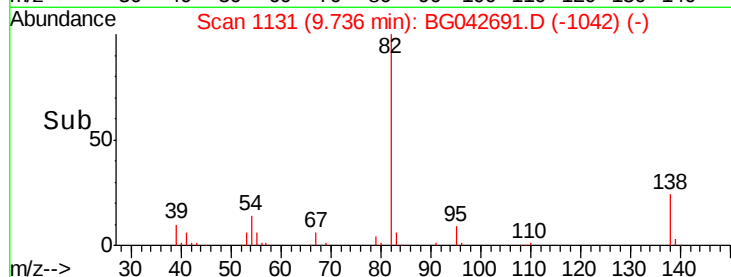
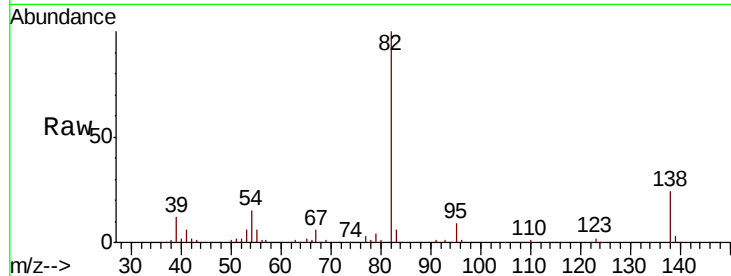
#25
Isophorone
Concen: 41.423 ng
RT: 9.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	155655		
95	8.7	6.6	9.8	
138	23.7	18.6	27.8	

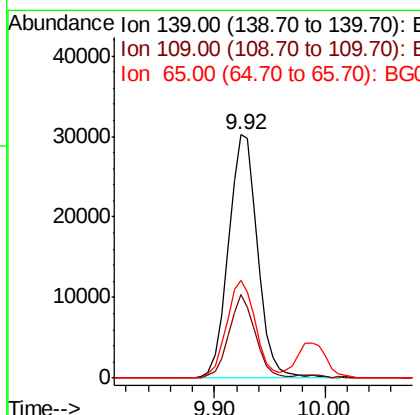
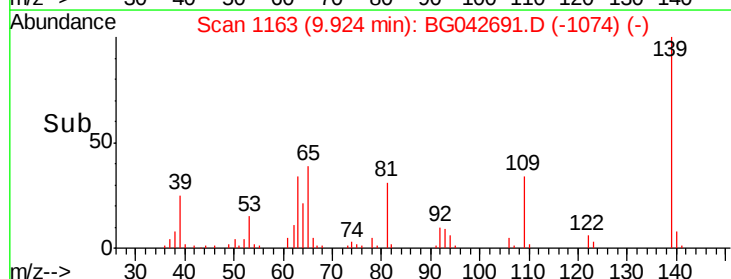
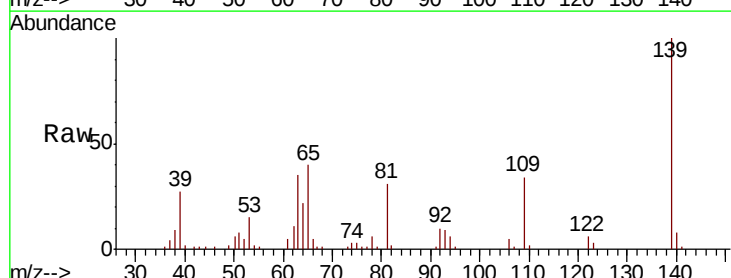
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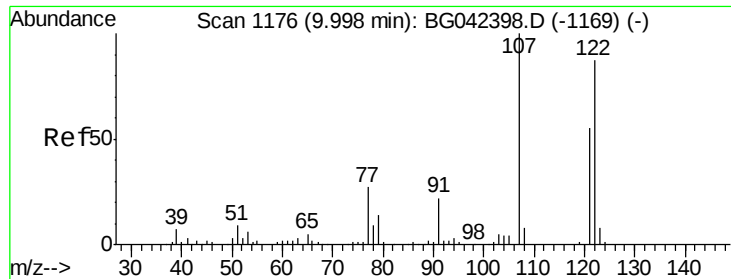
mohammad
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#26
2-Nitrophenol
Concen: 46.243 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	55876		
109	34.2	20.5	30.7#	
65	40.2	30.9	46.3	





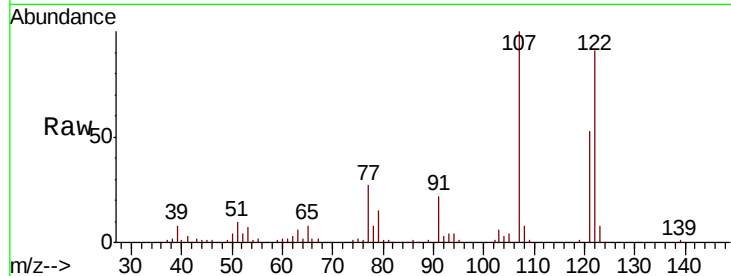
#27
2,4-Dimethylphenol
Concen: 51.957 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

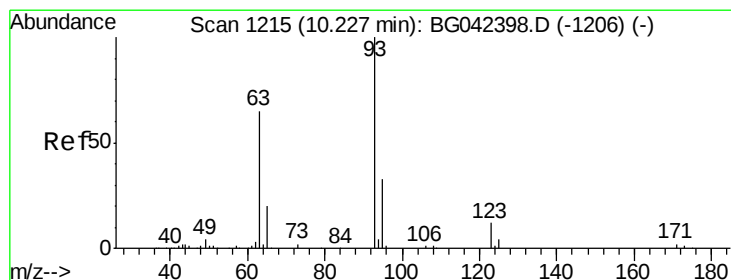
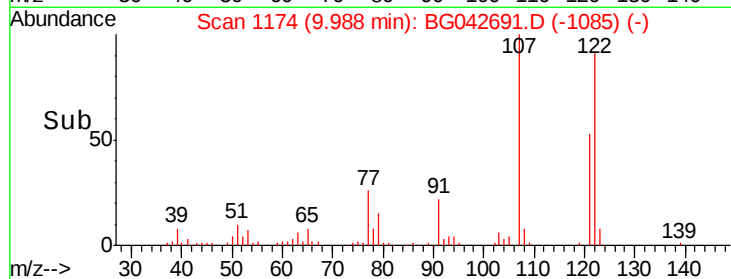
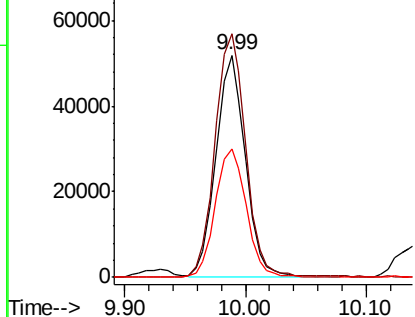
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.6	90.8	136.2
121	57.5	49.6	74.4

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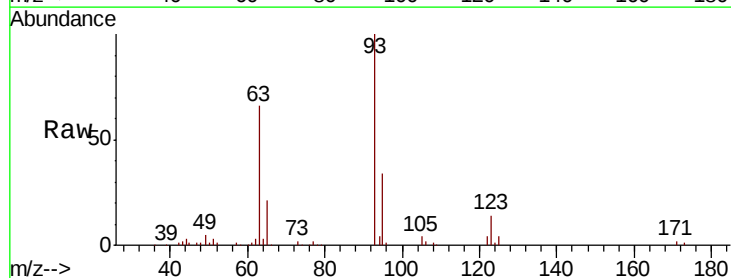


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

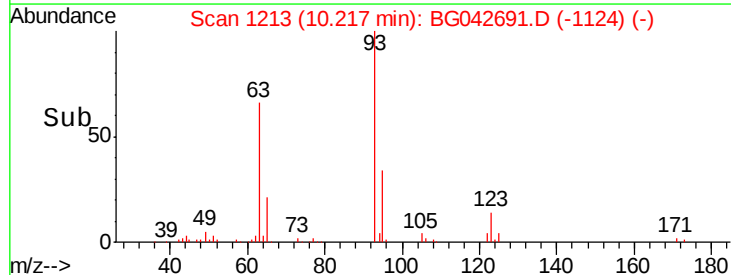
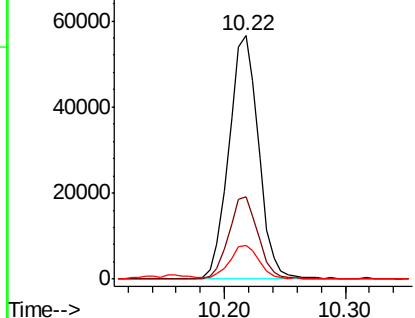


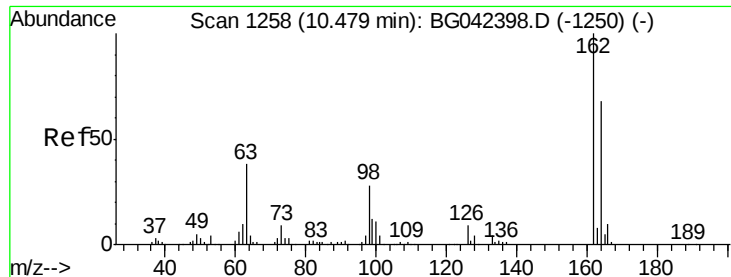
#28
bis(2-Chloroethoxy)methane
Concen: 40.895 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.6	40.0
123	14.0	10.1	15.1



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





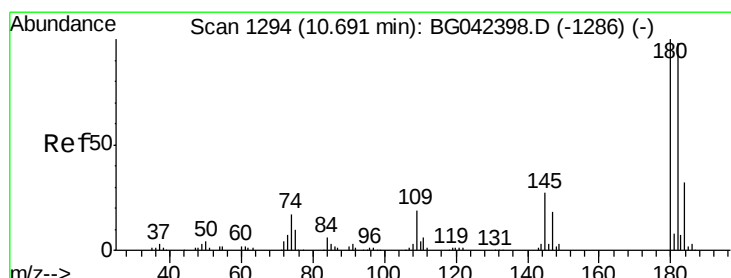
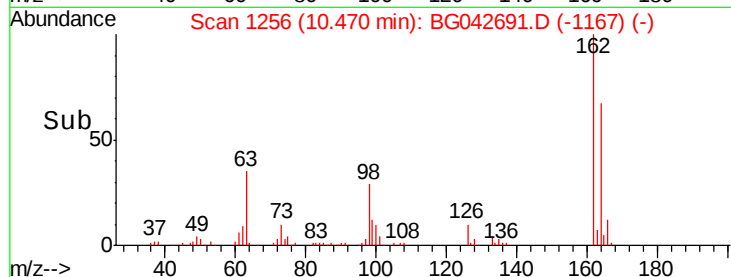
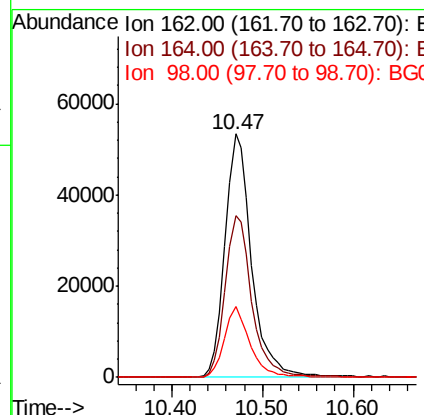
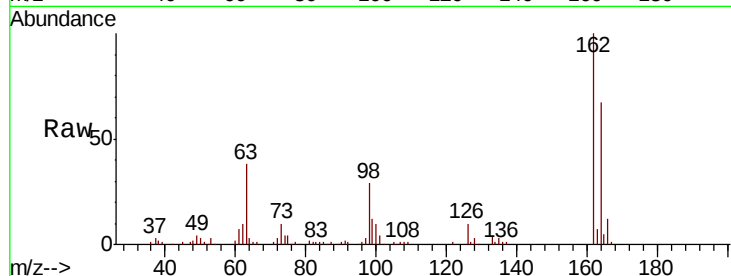
#29
 2,4-Dichlorophenol
 Concen: 49.856 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	108570		
164	66.6	48.1	88.1	
98	29.1	7.6	47.6	

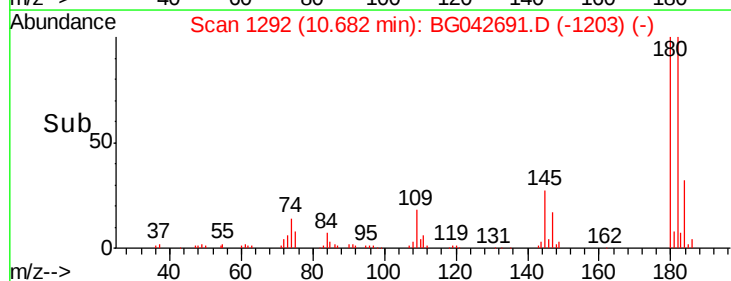
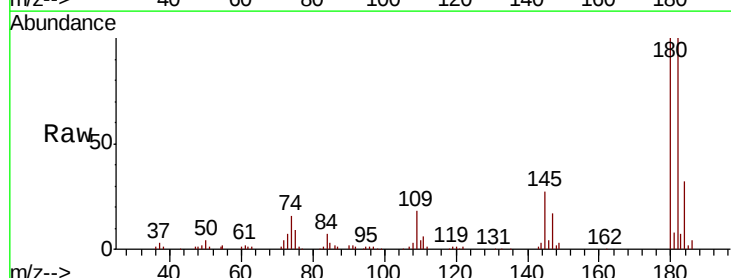
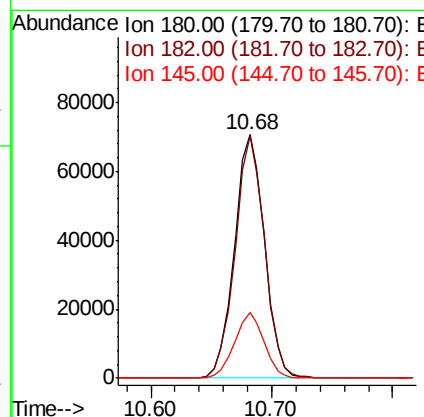
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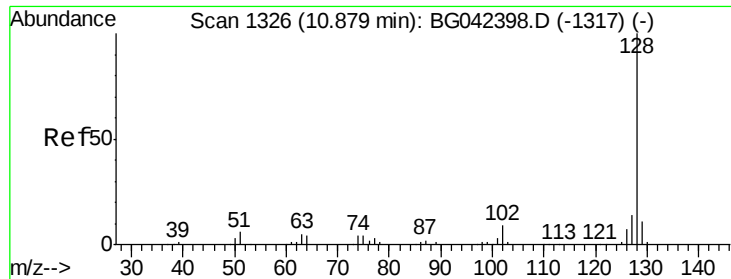
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.753 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	122296		
182	99.5	78.7	118.1	
145	26.9	21.6	32.4	





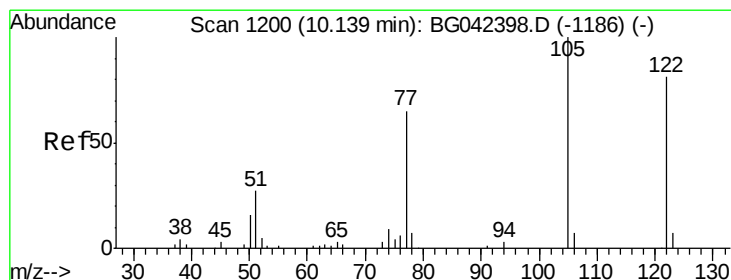
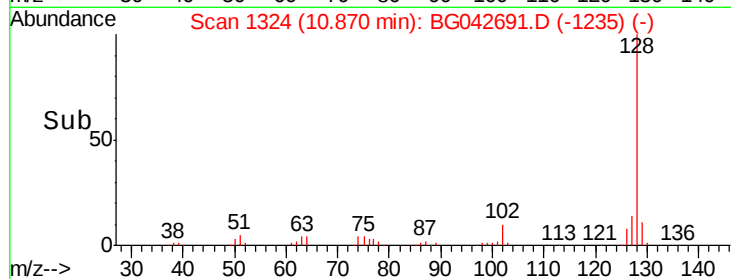
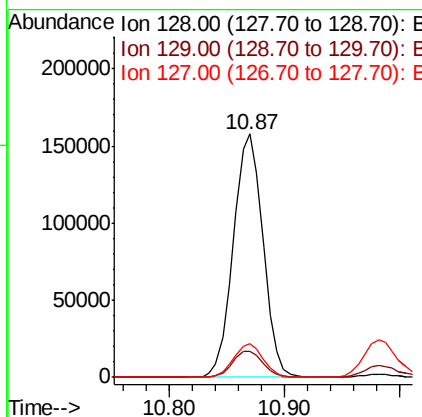
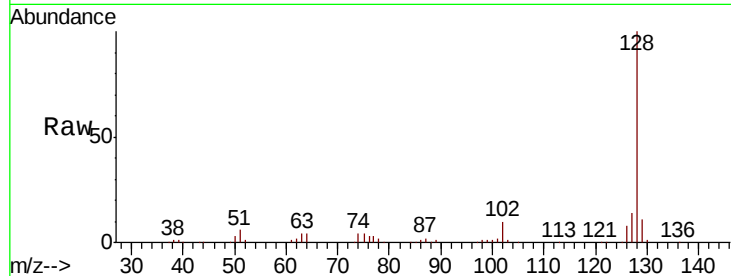
#31
Naphthalene
Concen: 45.857 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.8	11.4	17.0

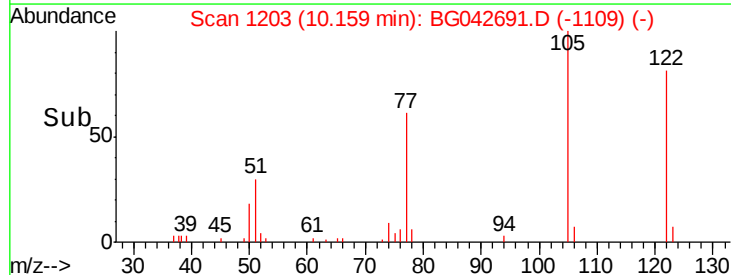
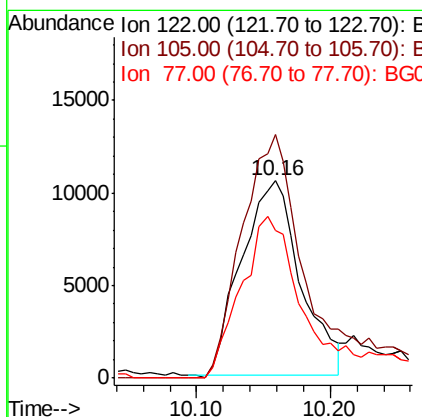
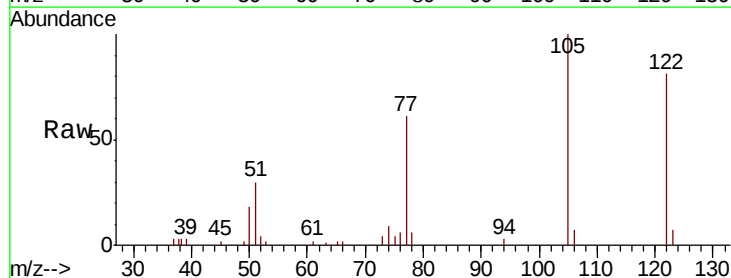
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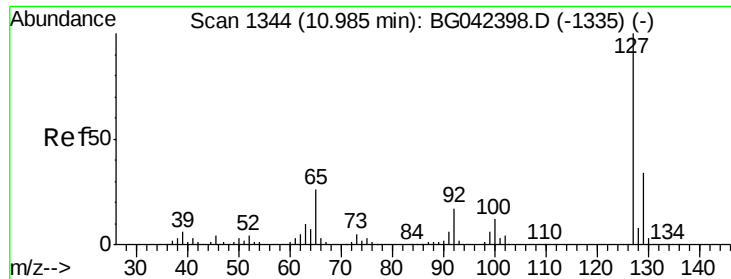
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#32
Benzoic acid
Concen: 30.356 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.6	99.6	139.6
77	75.2	59.5	99.5





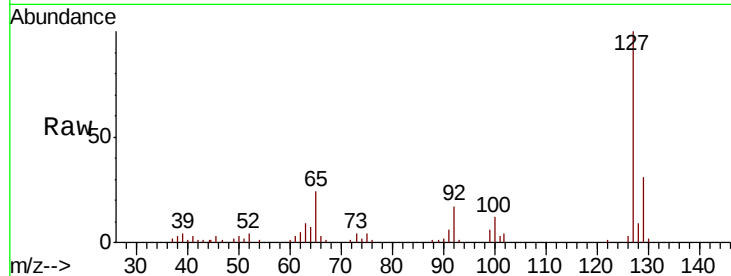
#33
4-Chloroaniline
Concen: 18.313 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

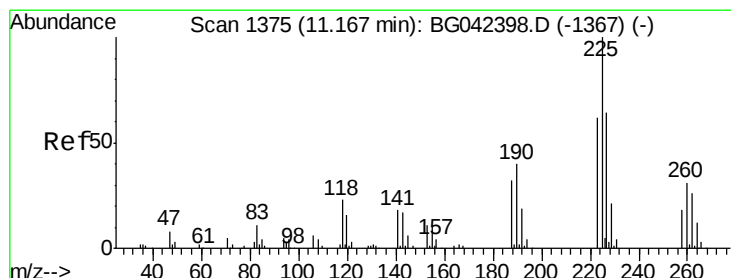
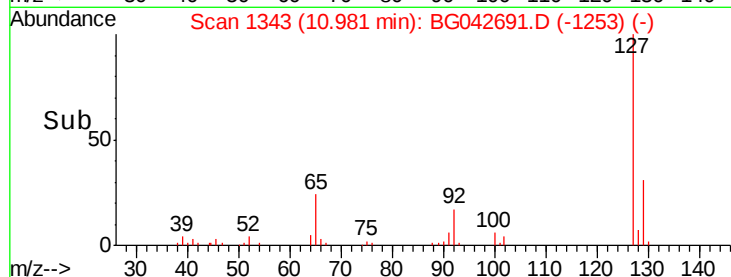
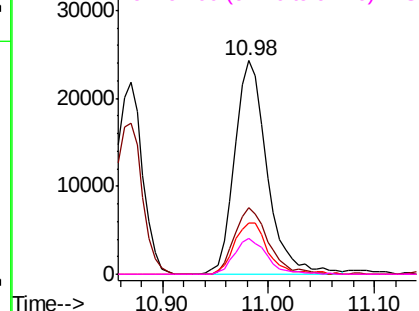
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.8	40.2
65	24.1	20.7	31.1
92	16.7	13.6	20.4

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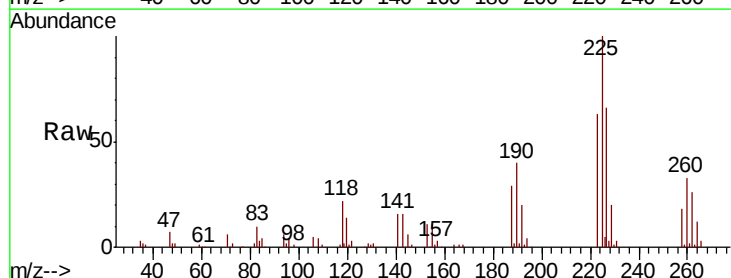


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

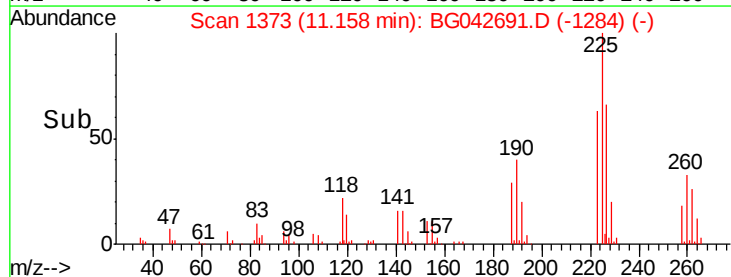
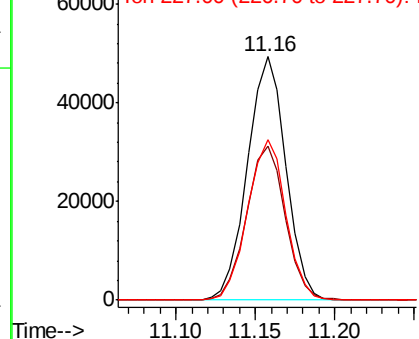


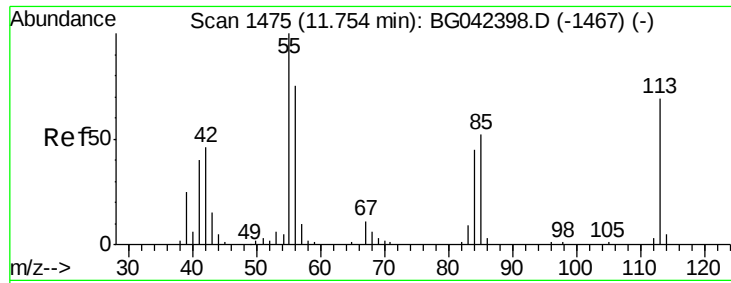
#34
Hexachlorobutadiene
Concen: 46.385 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	65.6	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





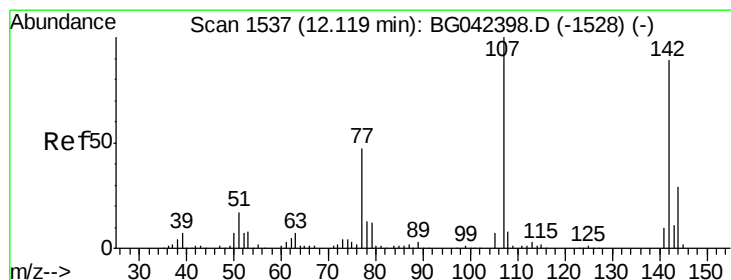
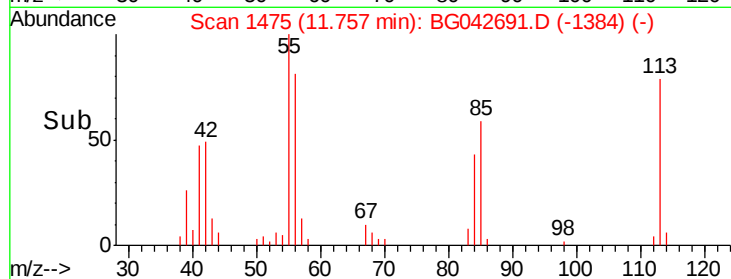
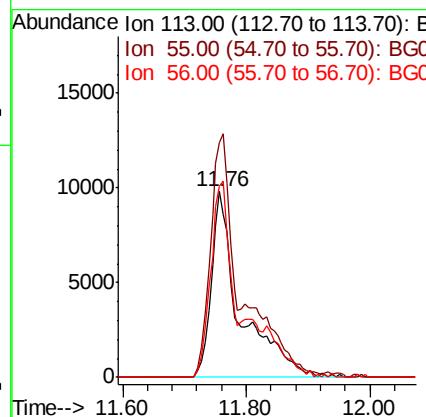
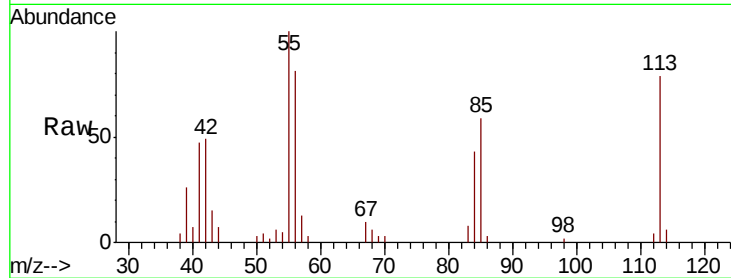
#35
 Caprolactam
 Concen: 43.866 ng/ml
 RT: 11.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	126.8	124.6	164.6
56	102.8	88.3	128.3

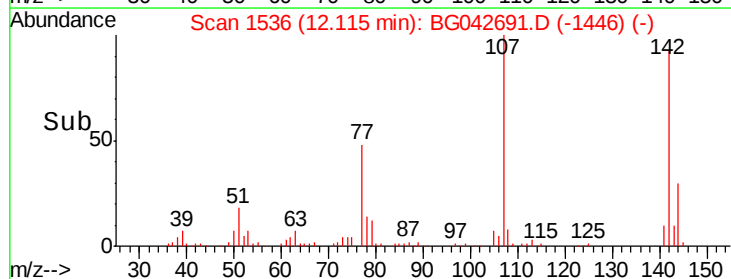
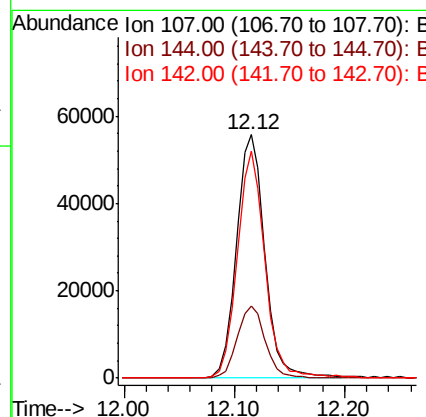
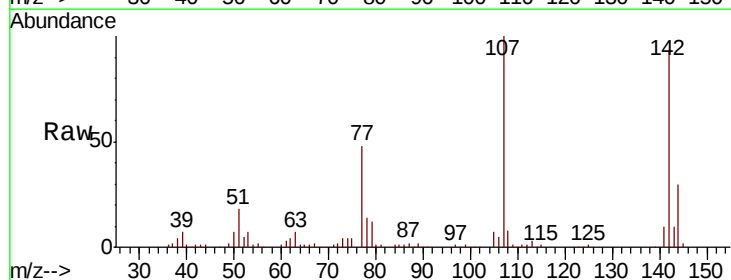
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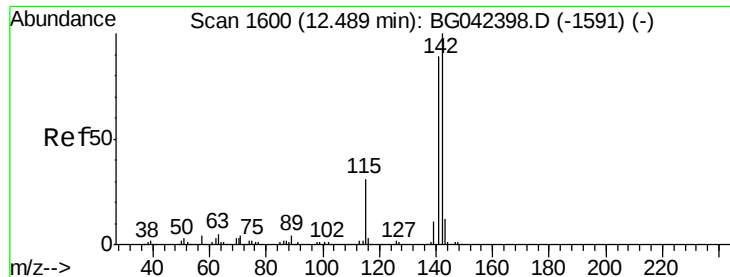
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#36
 4-Chloro-3-methylphenol
 Concen: 48.494 ng/ml
 RT: 12.12 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.9	23.6	35.4
142	93.1	71.0	106.4





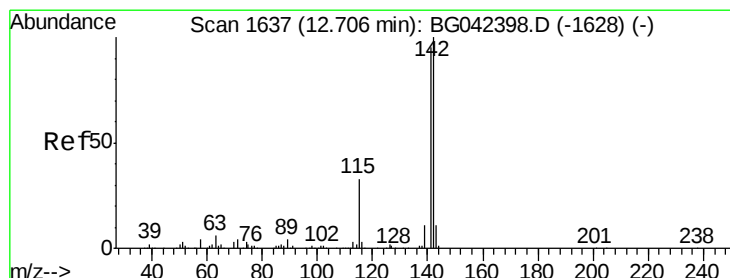
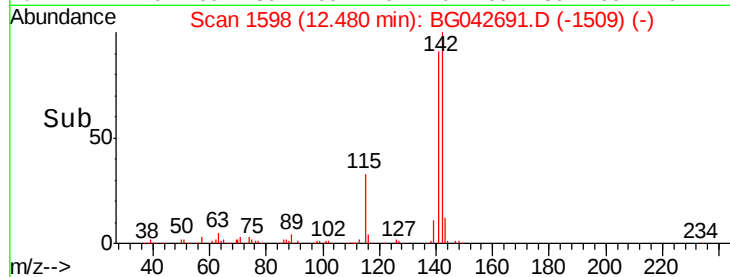
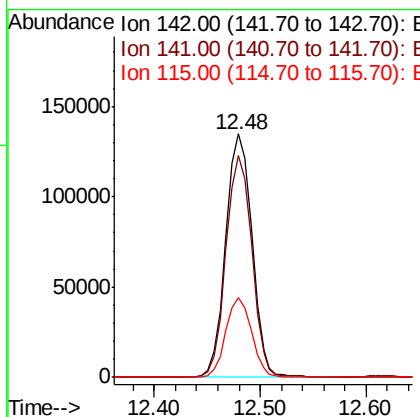
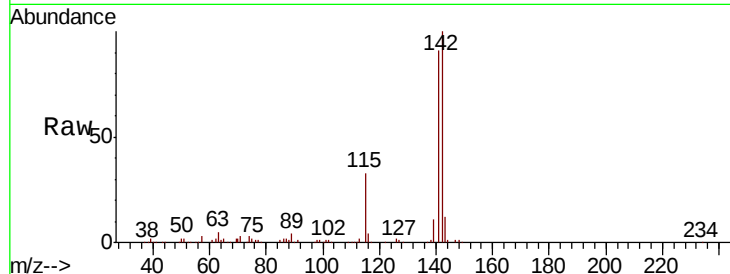
#37
2-Methylnaphthalene
Concen: 47.526 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.4	107.2
115	32.9	25.2	37.8

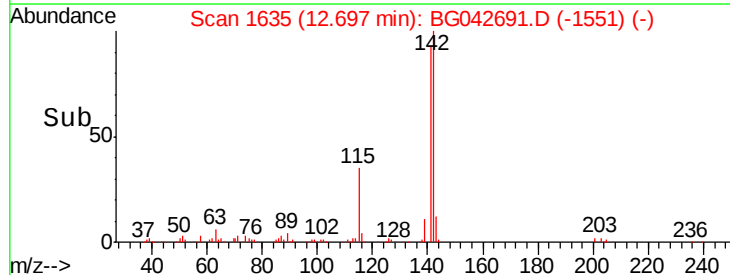
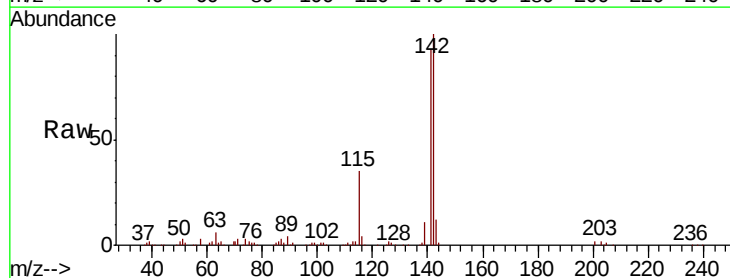
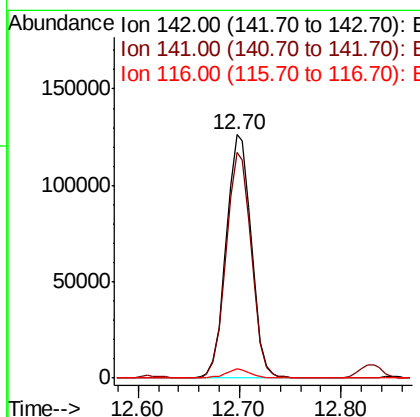
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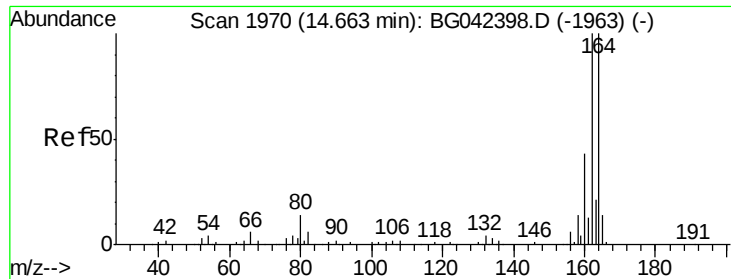
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#38
1-Methylnaphthalene
Concen: 46.646 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	76.2	114.2
116	4.0	2.8	4.2





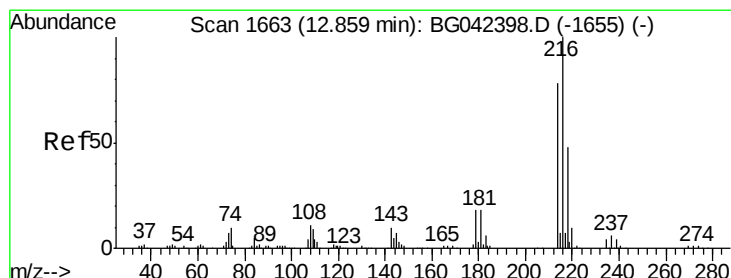
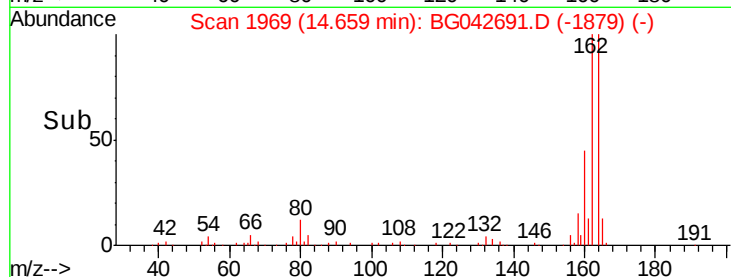
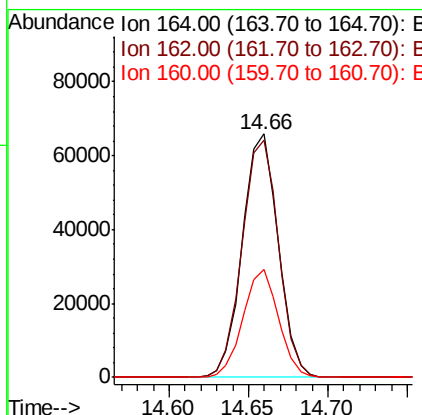
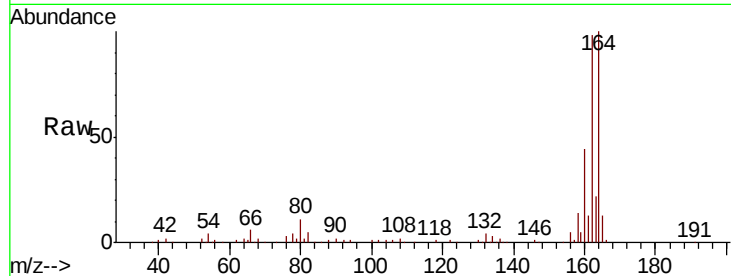
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.9	119.9
160	44.4	34.3	51.5

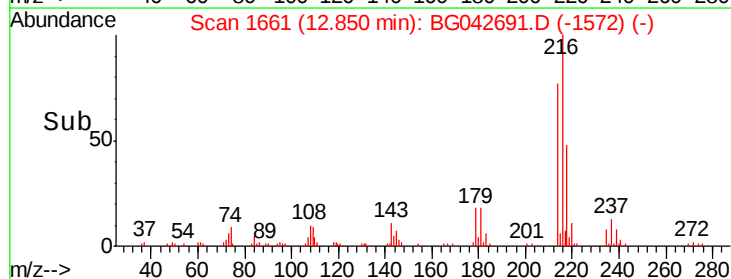
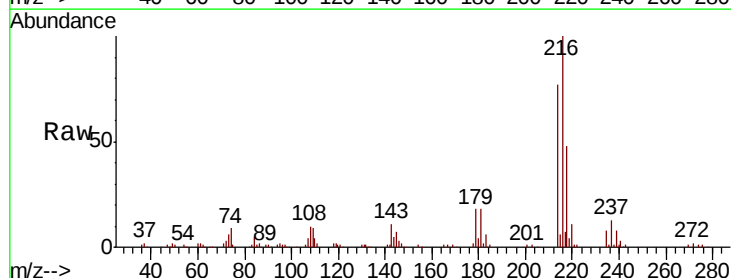
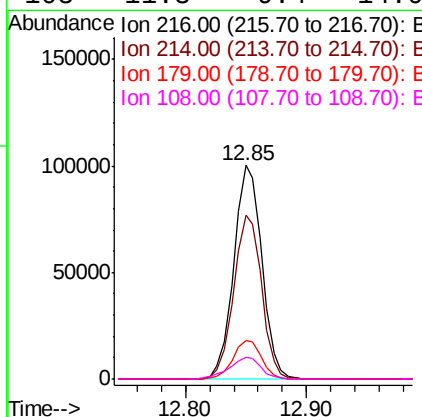
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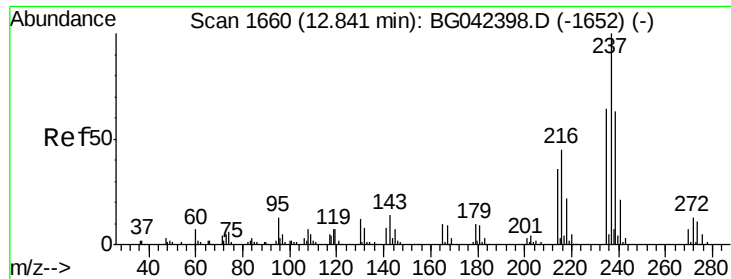
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.872 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.5	61.4	92.2
179	18.2	15.1	22.7
108	11.3	9.4	14.0





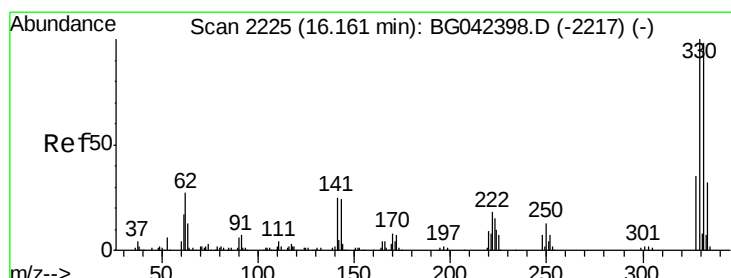
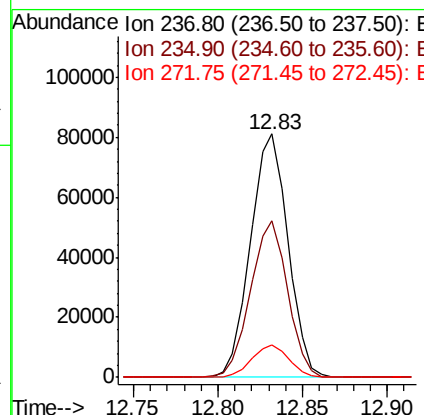
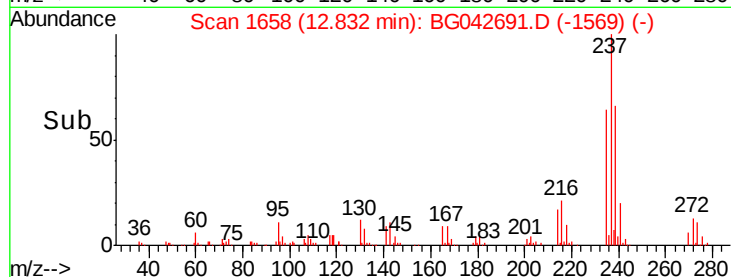
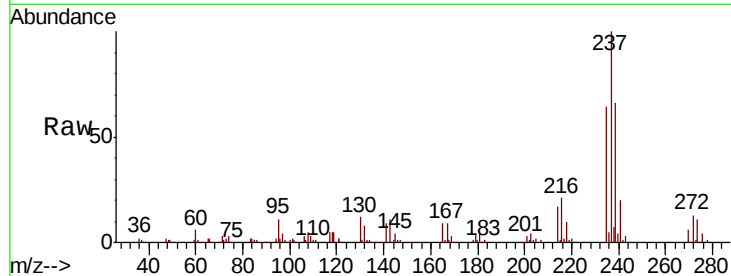
#41
Hexachlorocyclopentadiene
Concen: 71.891 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	125421		
235	64.3	43.7	83.7	
272	13.4	0.0	33.3	

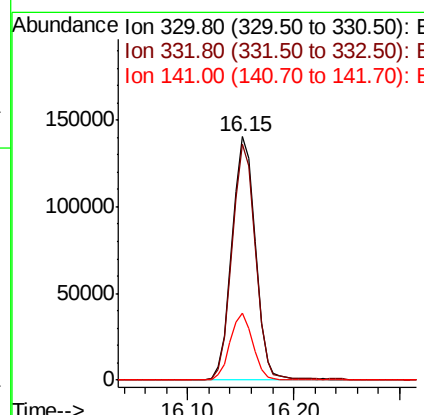
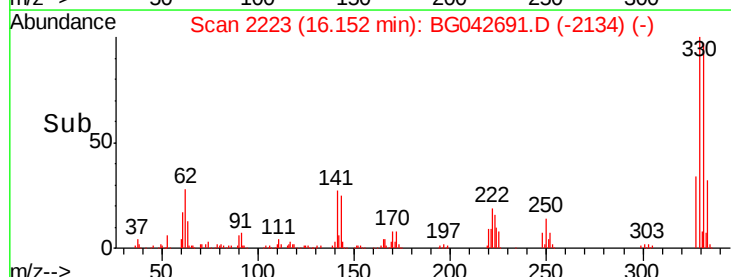
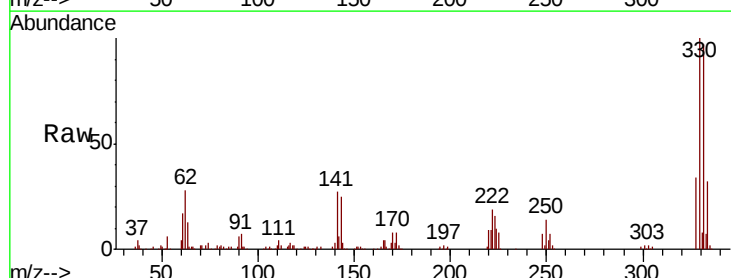
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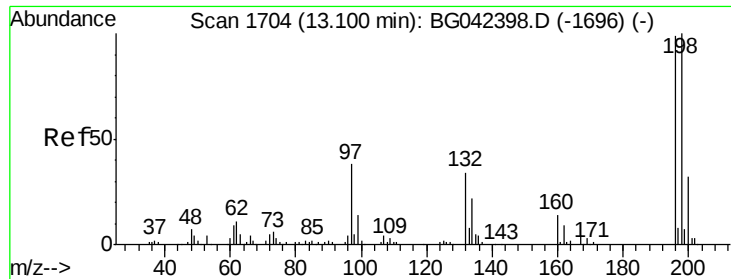
mohammad
9/6/2019 8:17:31 AM



#42
2,4,6-Tribromophenol
Concen: 146.947 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	216006		
332	96.2	77.4	116.0	
141	26.6	21.4	32.0	





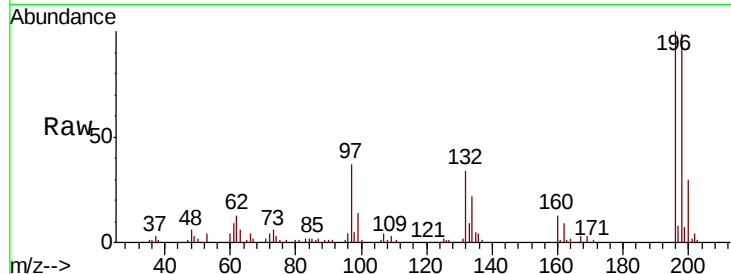
#43
 2,4,6-Trichlorophenol
 Concen: 46.166 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	103640		
198	99.1	80.7	121.1	
200	30.5	25.7	38.5	

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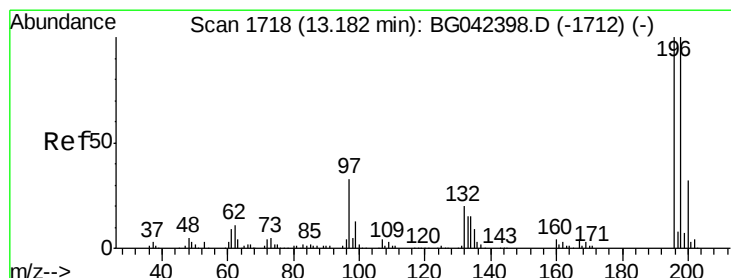
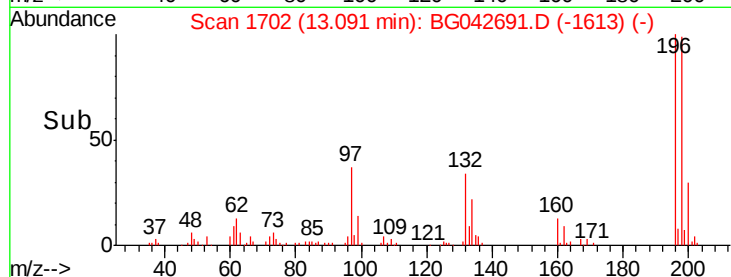
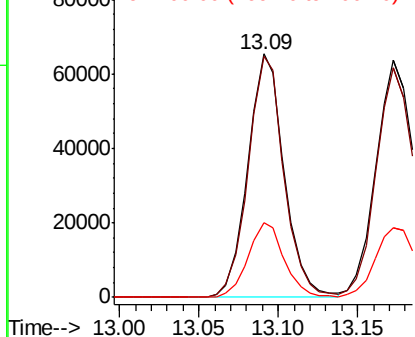


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 48.335 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	112446		
198	96.7	80.2	120.4	
97	31.6	26.3	39.5	
132	21.3	16.6	24.8	

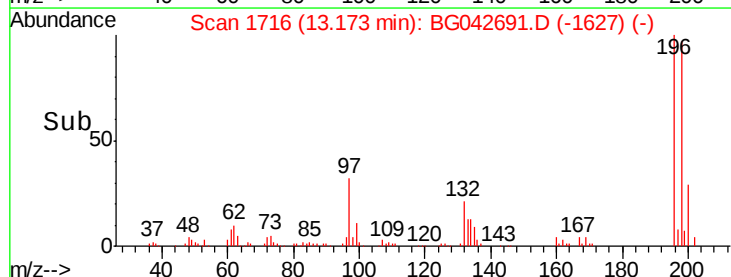
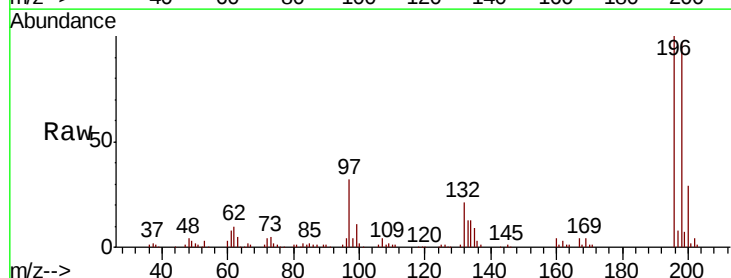
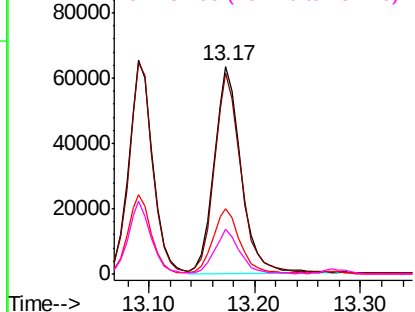
Abundance

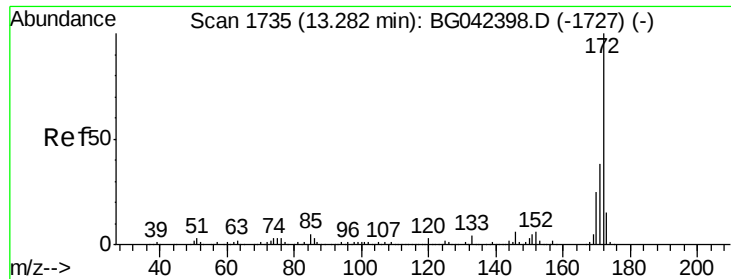
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





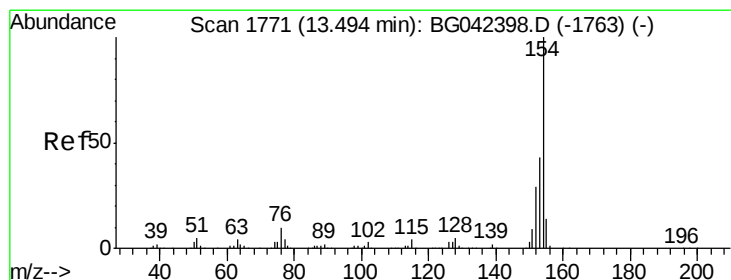
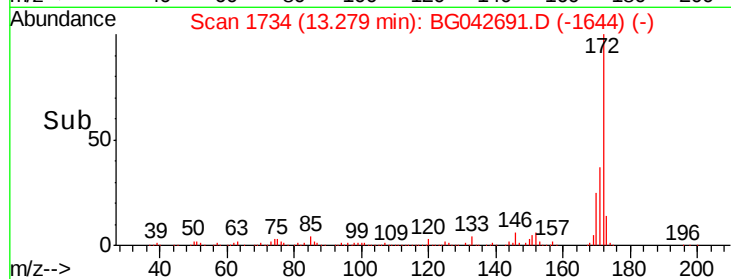
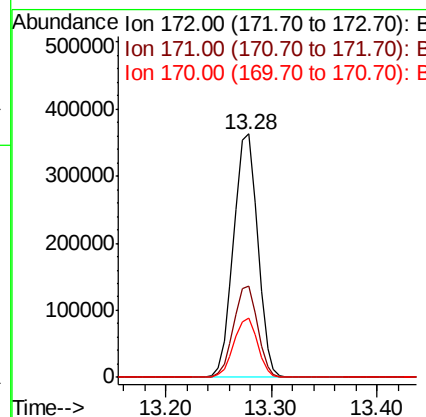
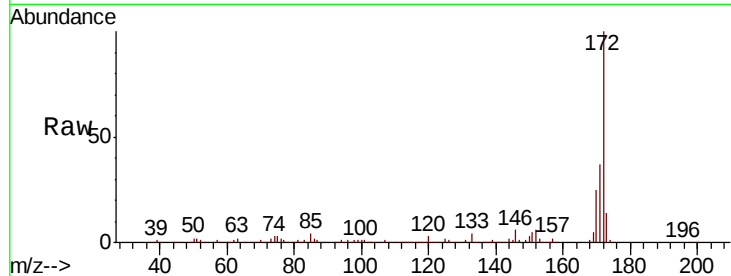
#45
2-Fluorobiphenyl
Concen: 93.881 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.6	20.2	30.2

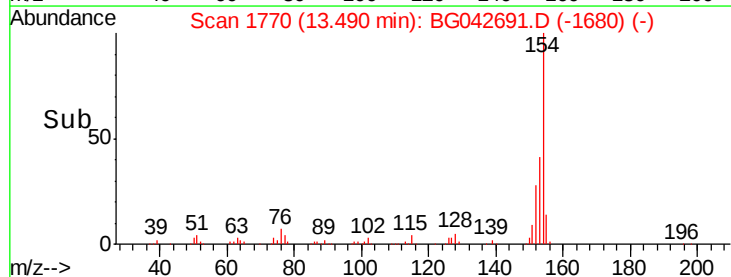
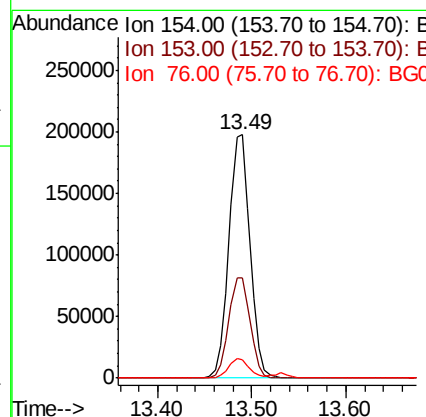
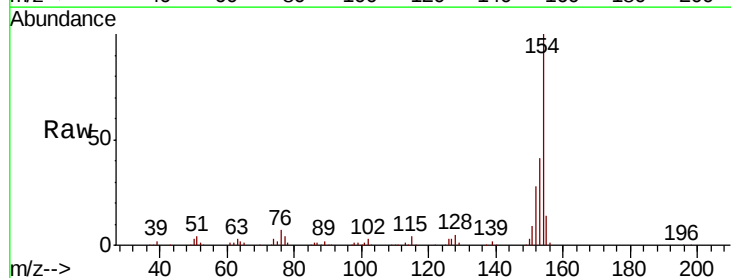
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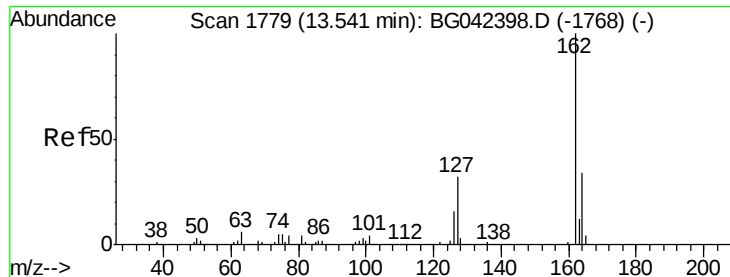
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#46
1,1'-Biphenyl
Concen: 46.190 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	23.0	63.0
76	7.4	0.0	29.6





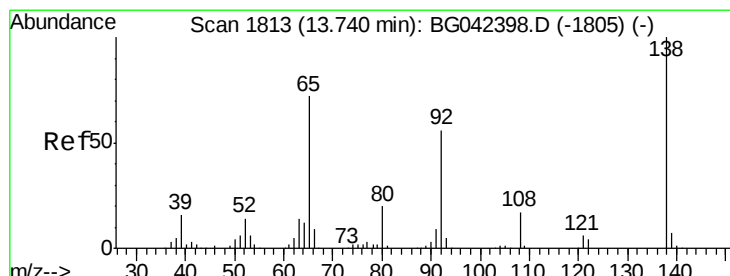
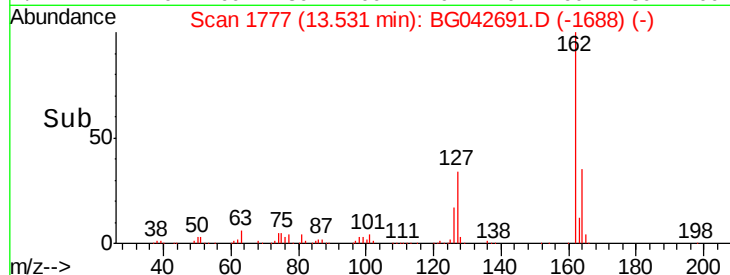
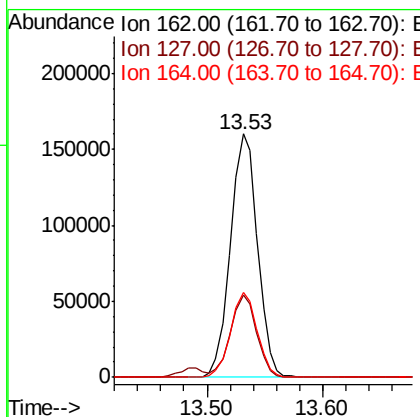
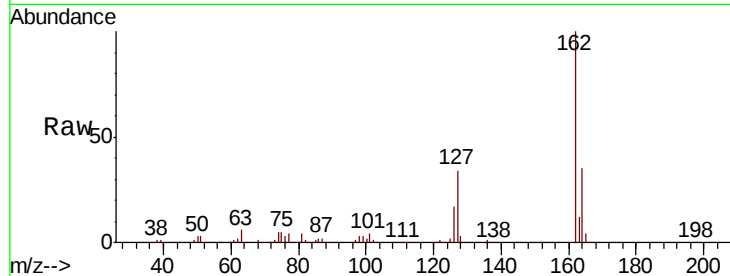
#47
2-Chloronaphthalene
Concen: 45.072 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.8	26.0	39.0
164	35.1	27.4	41.0

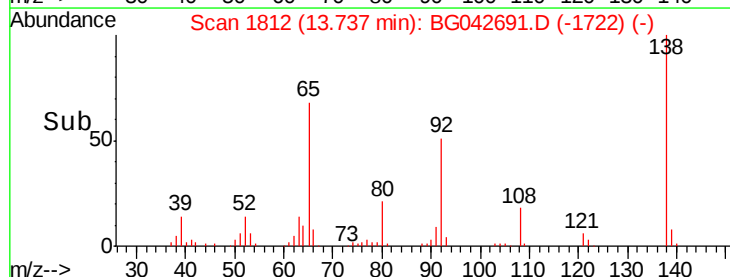
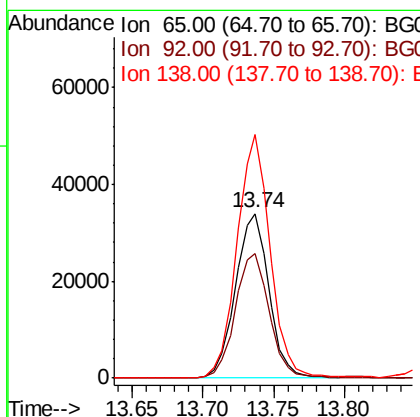
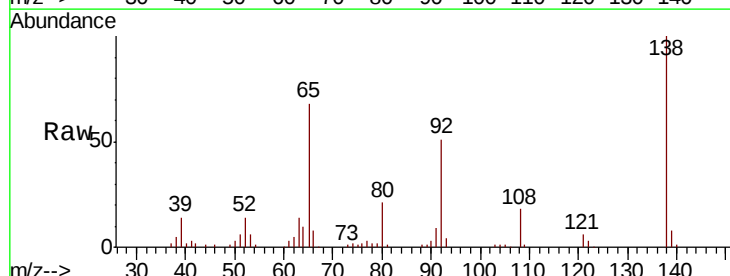
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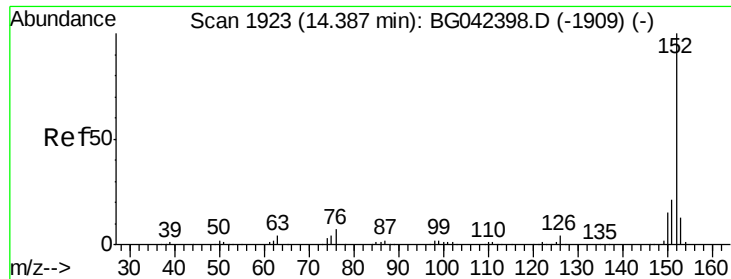
mohammad
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#48
2-Nitroaniline
Concen: 40.616 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.0	61.8	92.6
138	148.0	111.0	166.6





#49

Acenaphthylene

Concen: 47.051 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

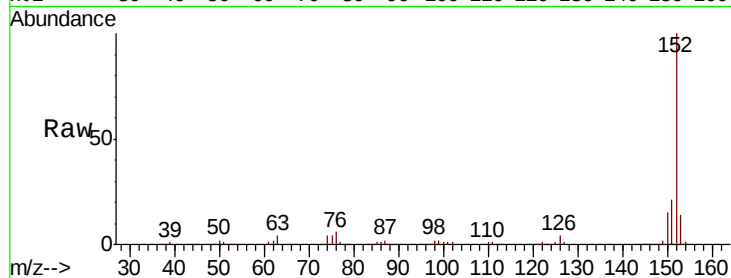
ClientSampleId :

SB-13-(13-15)MSD

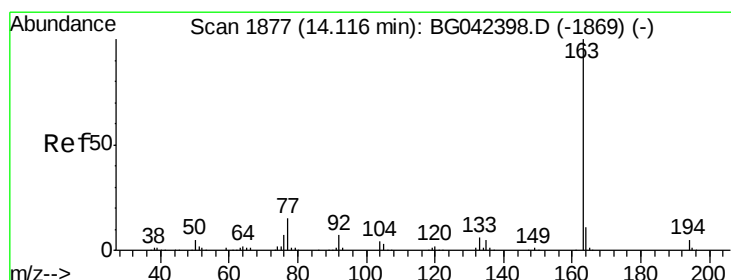
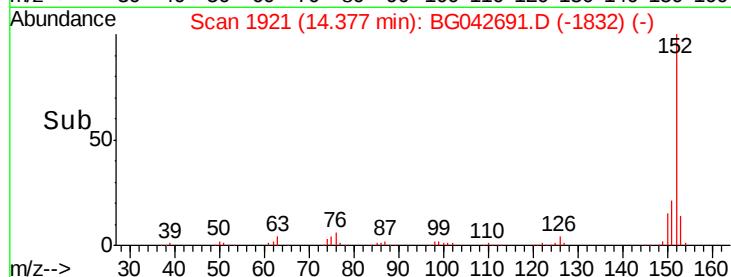
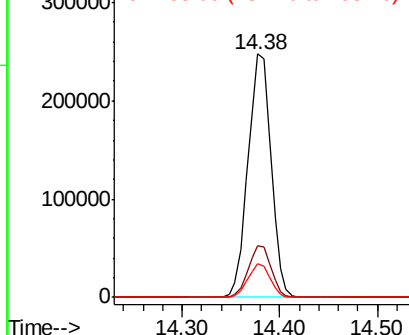
Tot Ion:	152	Resp:	408047
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.0	25.4
153	13.9	10.6	16.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.758 ng

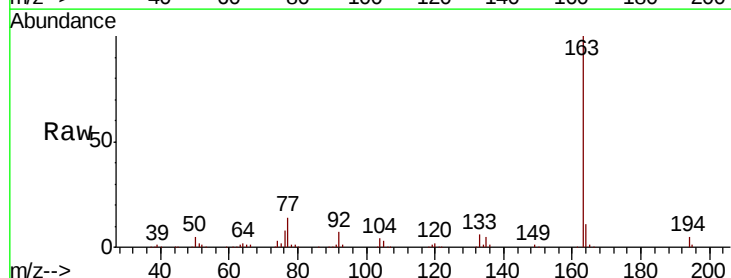
RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

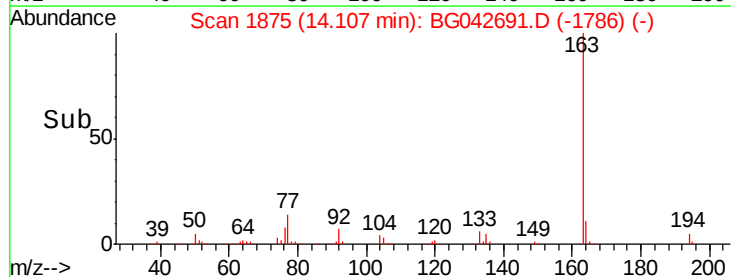
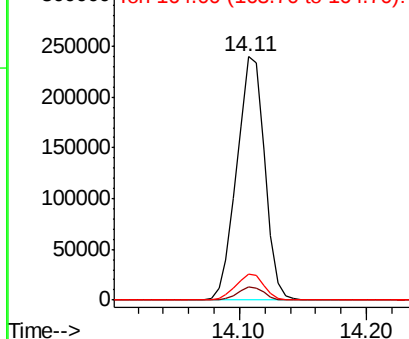
Lab File: BG042691.D

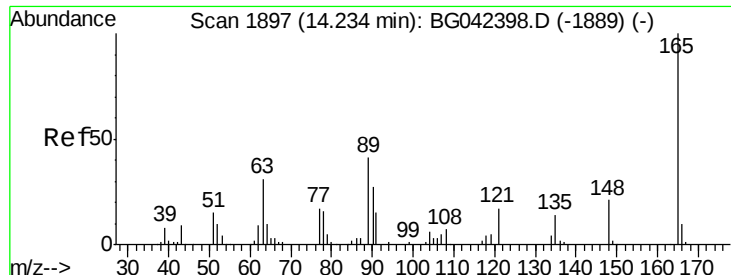
Acq: 3 Sep 2019 16:34

Tgt Ion:	163	Resp:	363843
Ion Ratio	Lower	Upper	
163	100		
194	5.2	4.2	6.2
164	10.6	8.8	13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





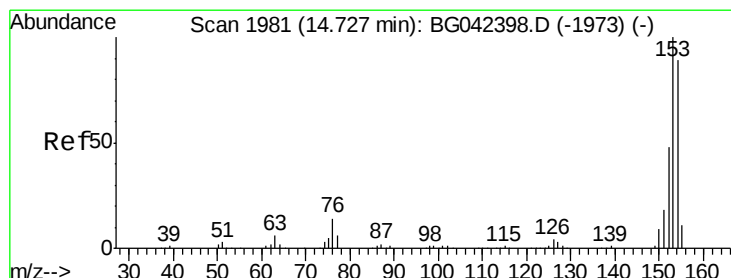
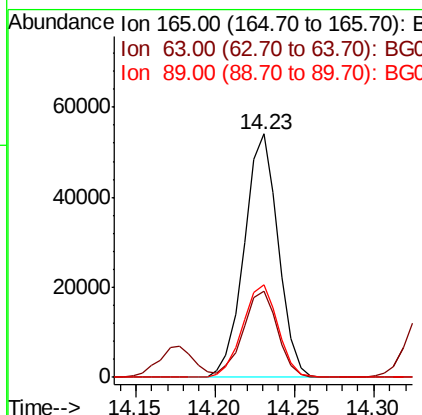
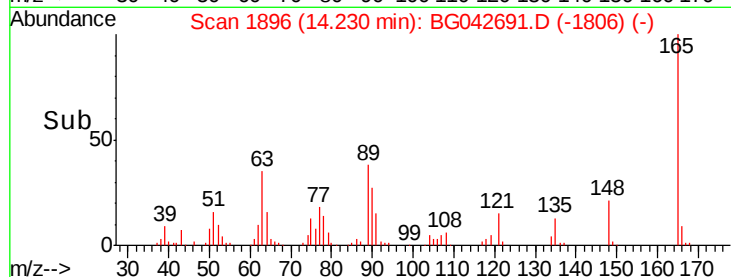
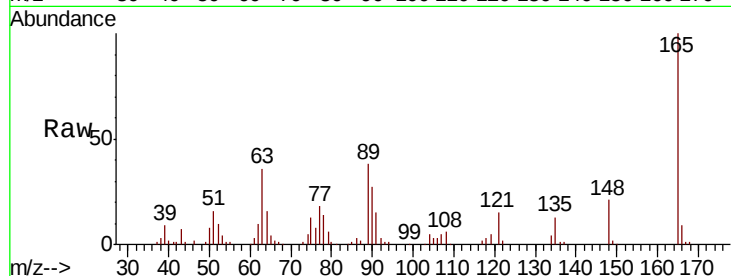
#51
 2,6-Dinitrotoluene
 Concen: 46.368 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MSD

Tot Ion:	165	Resp:	80202
Ion Ratio	Lower	Upper	
165	100		
63	35.6	30.6	45.8
89	37.8	32.6	49.0

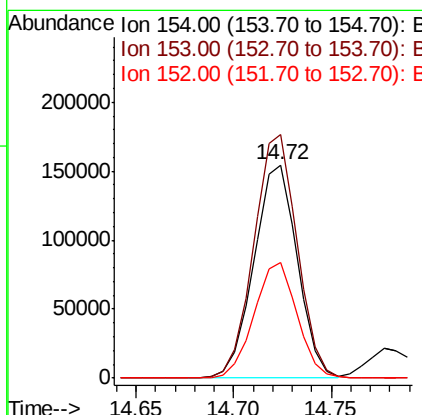
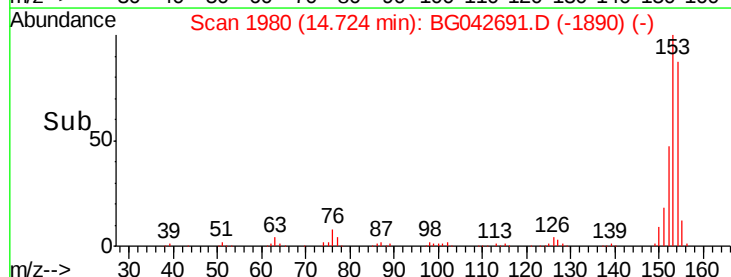
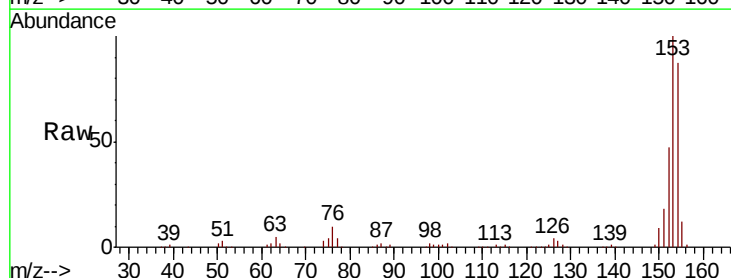
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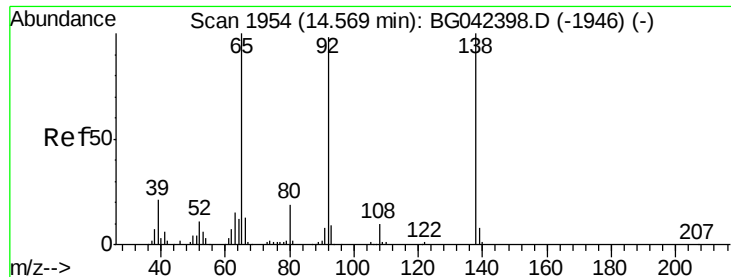
mohammad
 9/6/2019 8:17:31 AM



#52
 Acenaphthene
 Concen: 45.116 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion:	154	Resp:	237584
Ion Ratio	Lower	Upper	
154	100		
153	114.3	90.2	135.4
152	54.2	43.2	64.8





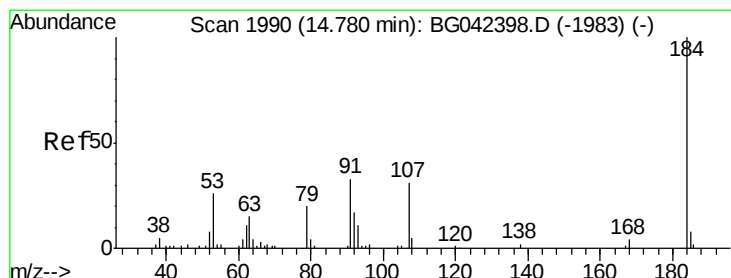
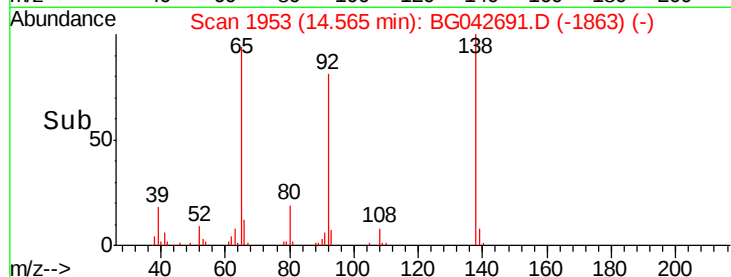
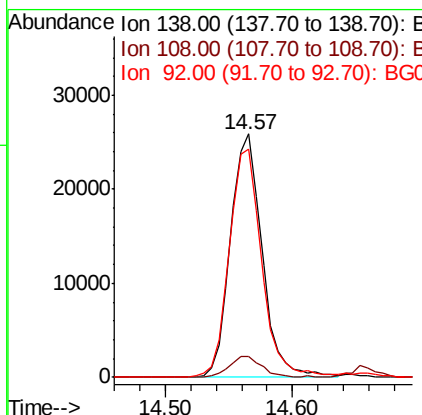
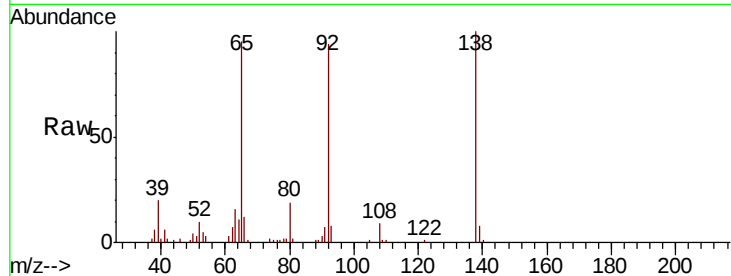
#53
3-Nitroaniline
Concen: 25.757 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.7	8.3	12.5
92	93.6	78.2	117.4

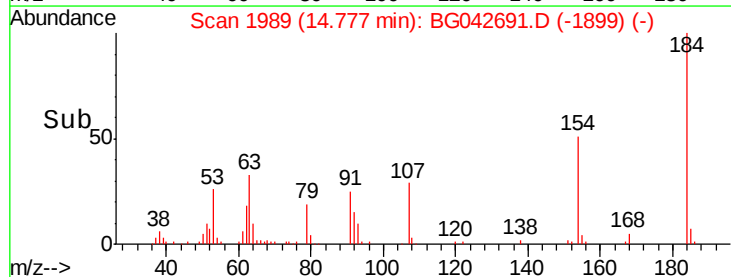
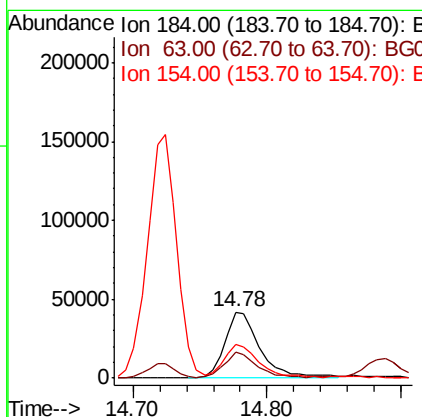
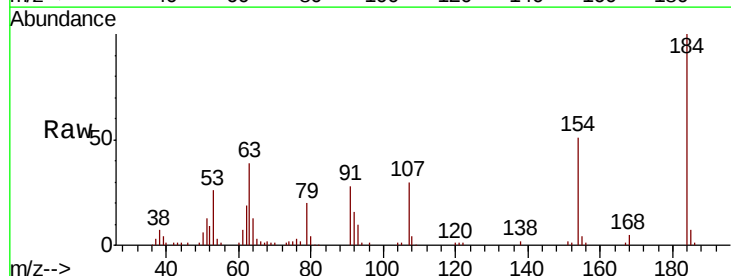
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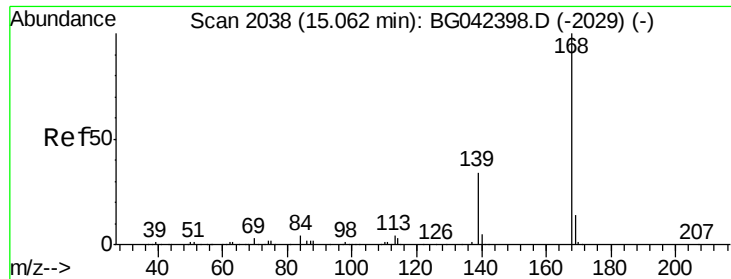
mohammad
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#54
2,4-Dinitrophenol
Concen: 67.595 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	38.9	31.7	47.5
154	50.7	42.0	63.0





#55

Dibenzenofuran

Concen: 48.023 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

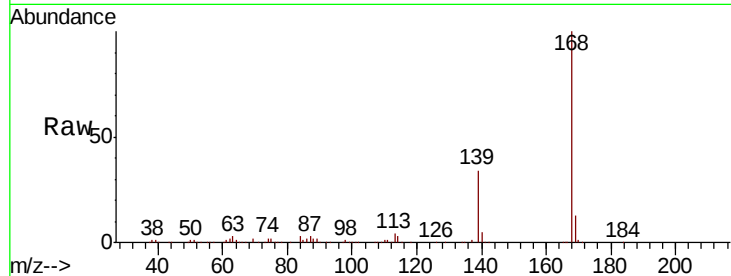
ClientSampleId :

SB-13-(13-15)MSD

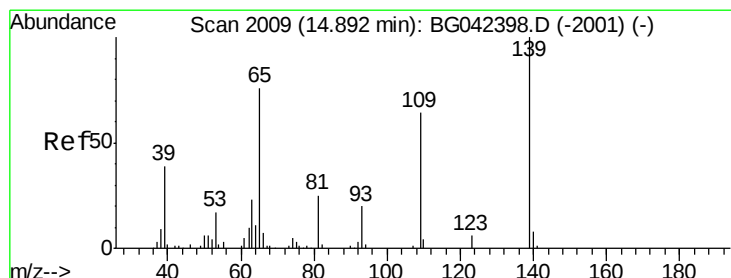
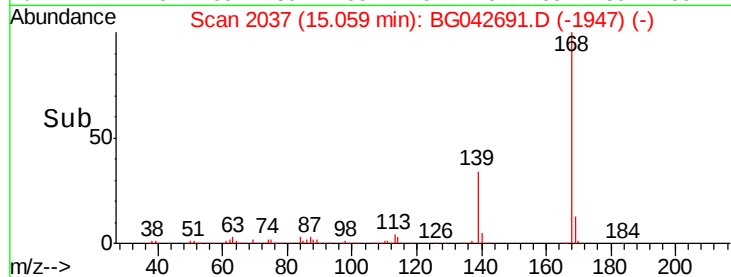
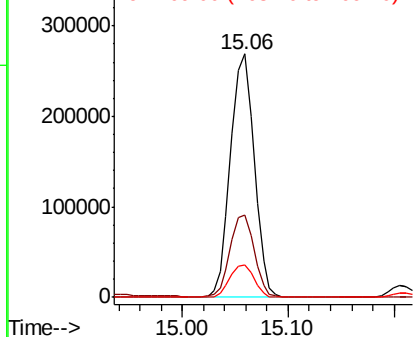
Tot Ion:	168	Resp:	418603
Ion Ratio	Lower	Upper	
168	100		
139	33.6	27.2	40.8
169	13.4	11.5	17.3

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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: 89.431 ng

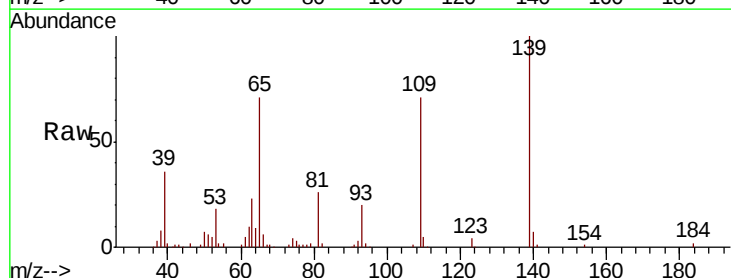
RT: 14.89 min Scan# 2008

Delta R.T. -0.00 min

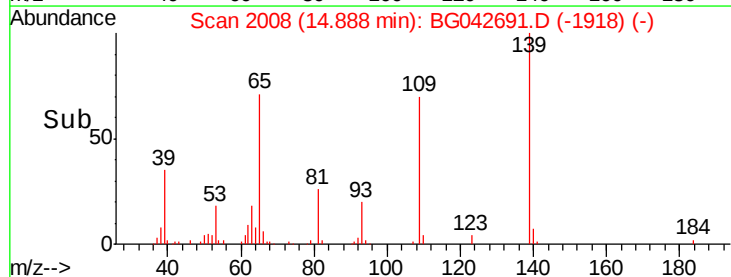
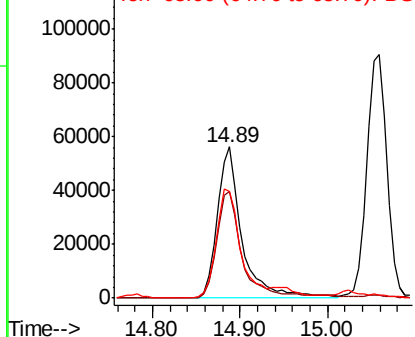
Lab File: BG042691.D

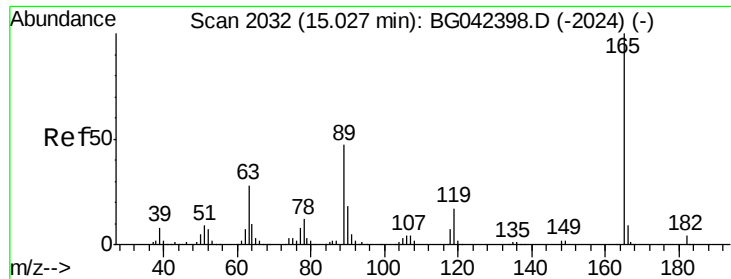
Acq: 3 Sep 2019 16:34

Tgt Ion:	139	Resp:	109927
Ion Ratio	Lower	Upper	
139	100		
109	70.6	43.9	83.9
65	70.9	56.3	96.3



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





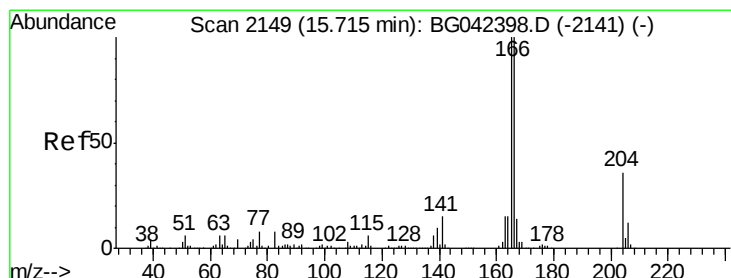
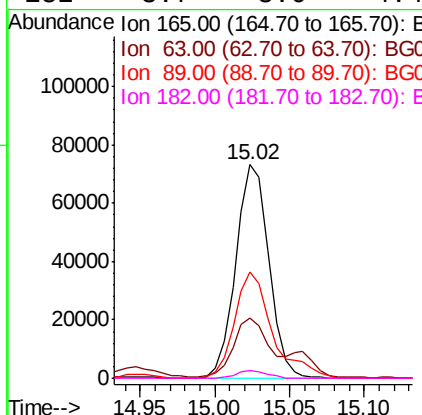
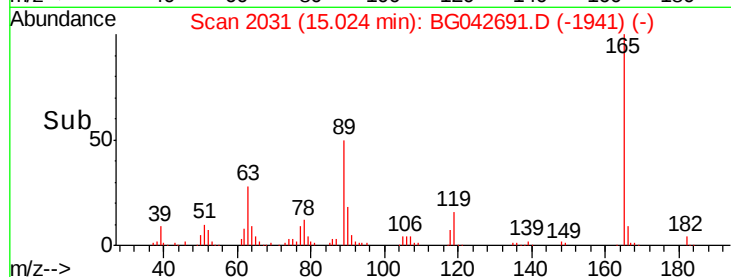
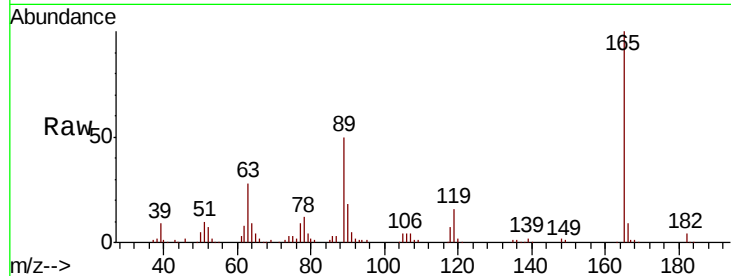
#57
 2,4-Dinitrotoluene
 Concen: 45.668 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		113114		
63	28.3	22.5	33.7		
89	49.7	37.8	56.6		
182	3.7	3.0	4.4		

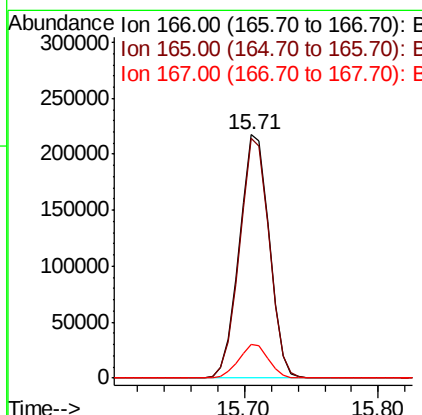
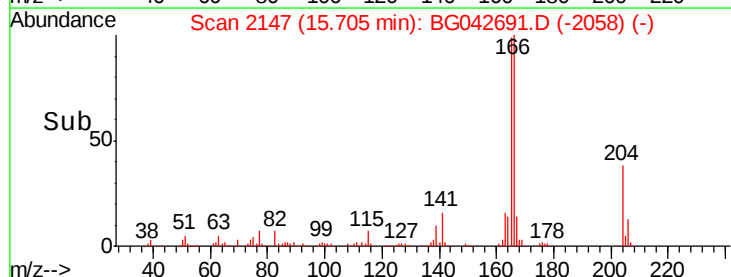
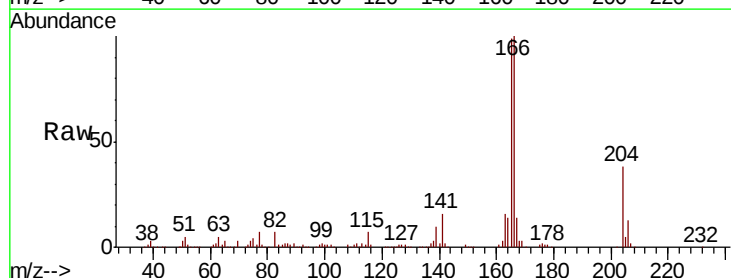
Manual Integrations
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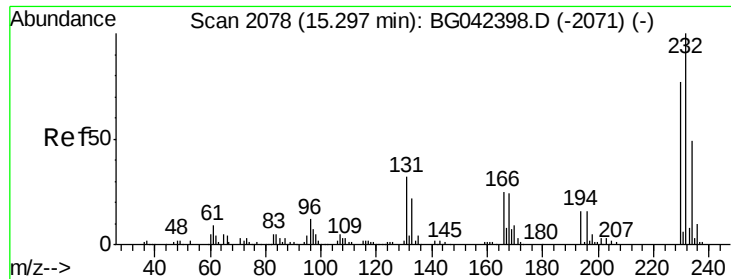
mohammad
 9/6/2019 8:17:31 AM



#58
 Fluorene
 Concen: 47.223 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		336487		
165	98.7	79.7	119.5		
167	13.7	10.9	16.3		





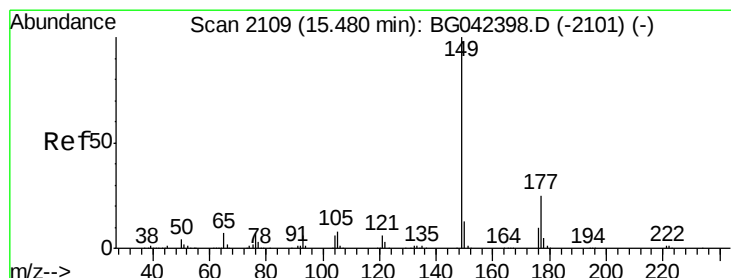
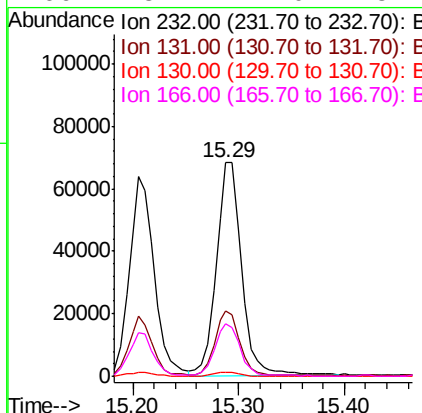
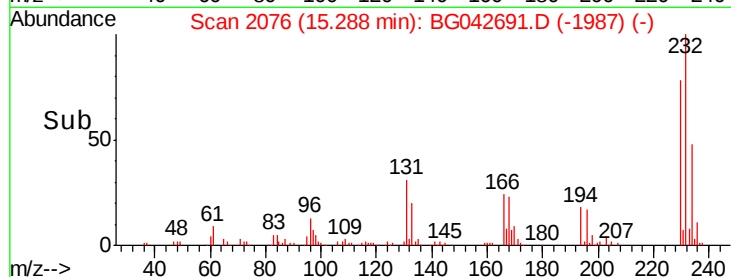
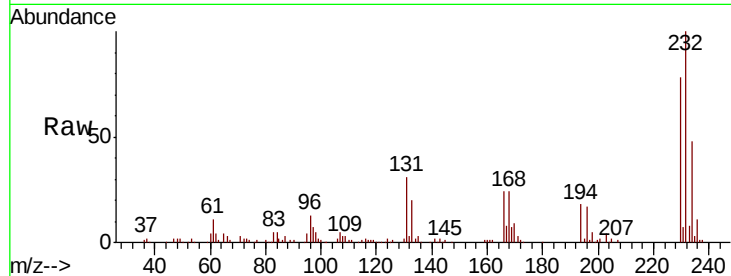
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.231 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MSD

Tot Ion:	232	Resp:	113262
Ion Ratio	Lower	Upper	
232	100		
131	29.9	22.9	34.3
130	1.7	1.4	2.0
166	25.2	17.0	25.4

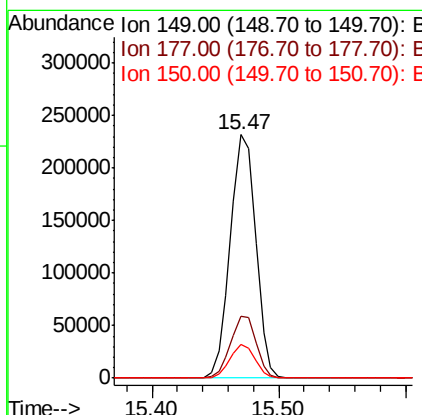
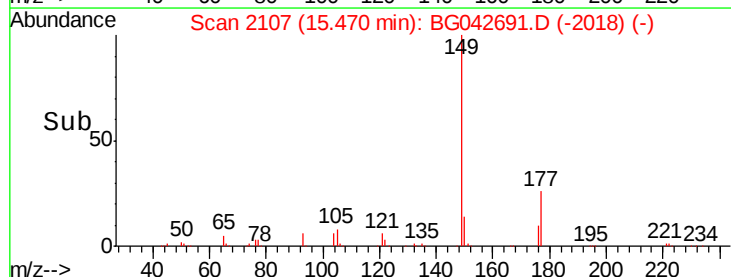
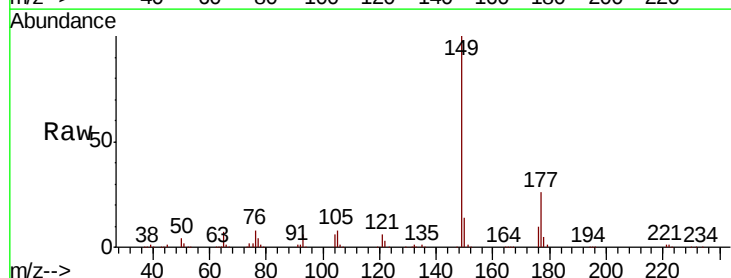
Manual Integrations
 APPROVED

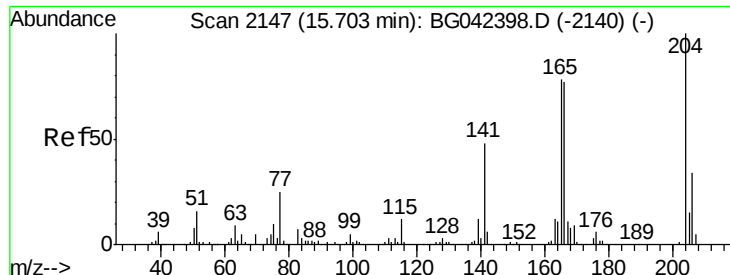
mohammad
 9/6/2019 8:17:31 AM



#60
 Diethylphthalate
 Concen: 44.224 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion:	149	Resp:	322602
Ion Ratio	Lower	Upper	
149	100		
177	25.6	20.4	30.6
150	13.7	10.3	15.5





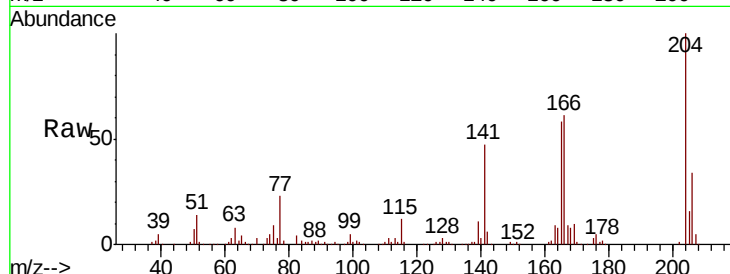
#61
4-Chlorophenyl-phenylether
Concen: 47.173 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.2	40.8
141	47.0	38.7	58.1

Manual Integrations
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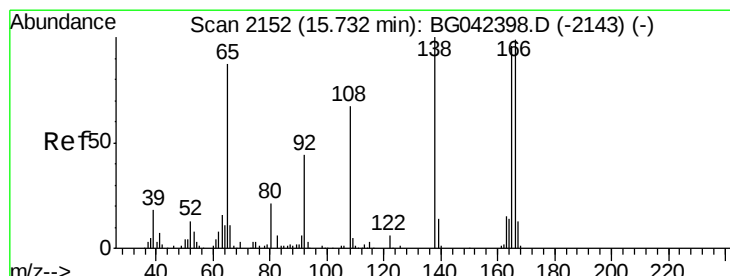
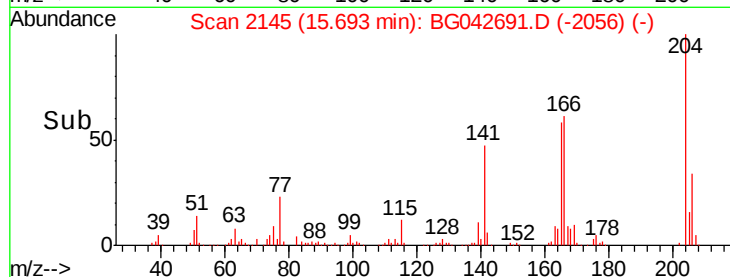
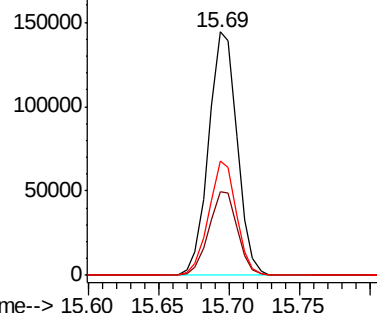


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.988 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

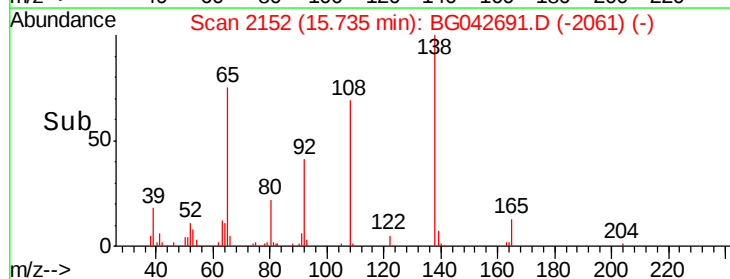
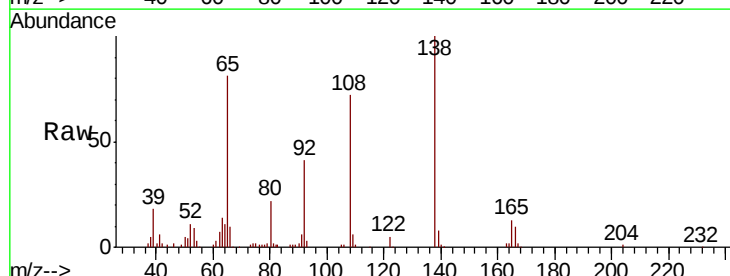
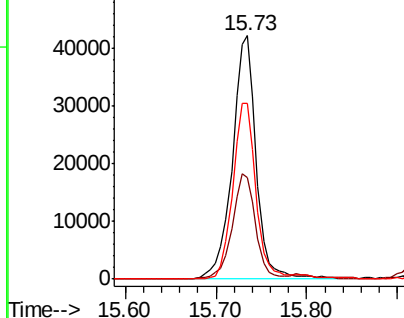
Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.4	24.2	64.2
108	72.3	46.8	86.8

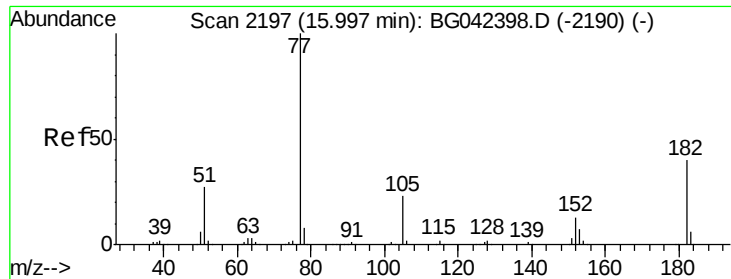
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





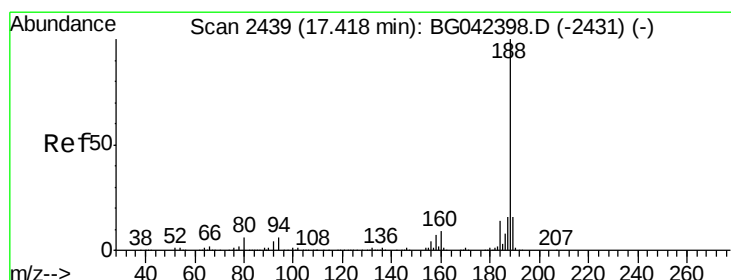
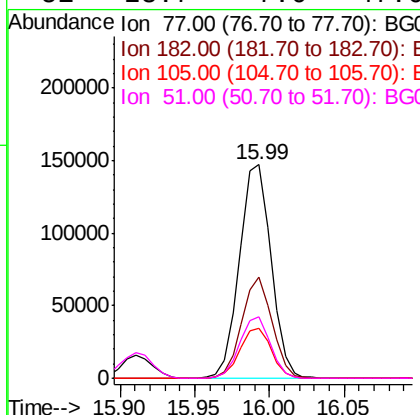
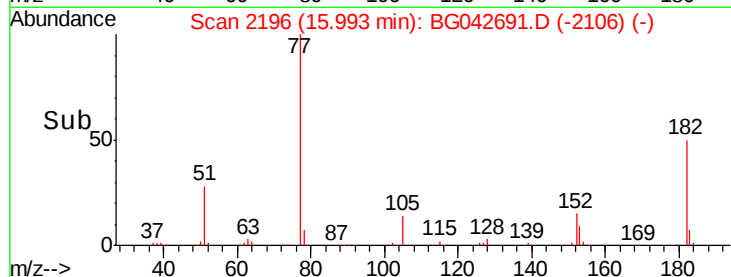
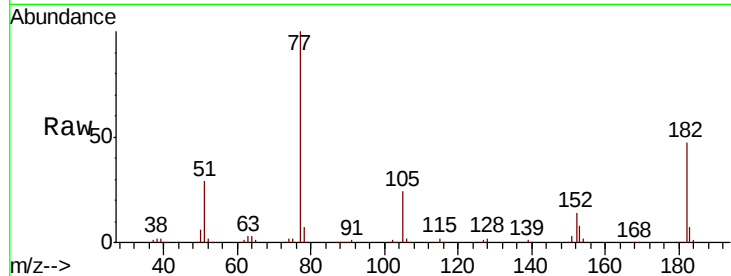
#63
Azobenzene
Concen: 43.149 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	47.4	19.9	59.9	
105	23.6	2.9	42.9	
51	28.7	7.6	47.6	

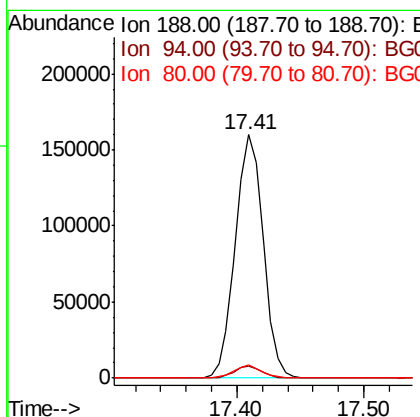
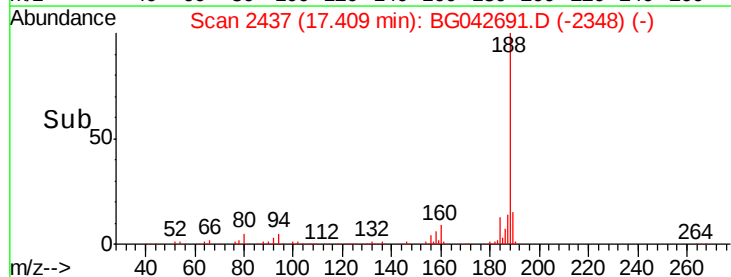
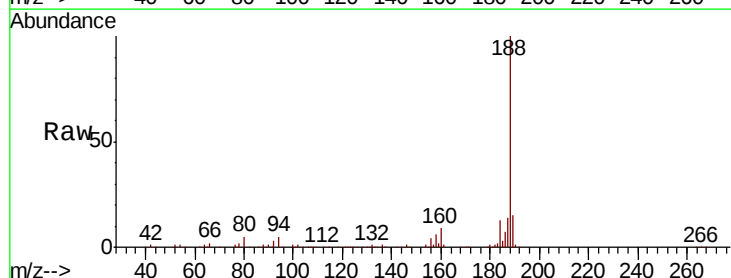
Manual Integrations
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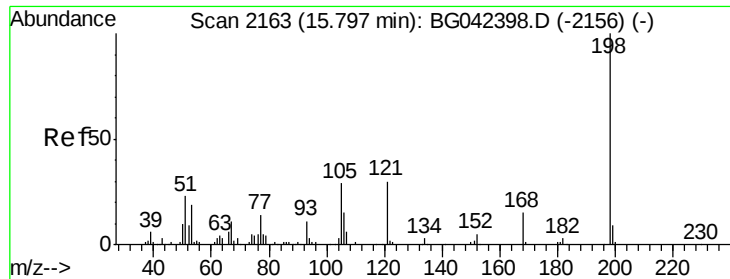
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	4.7	4.5	6.7	
80	5.4	4.9	7.3	





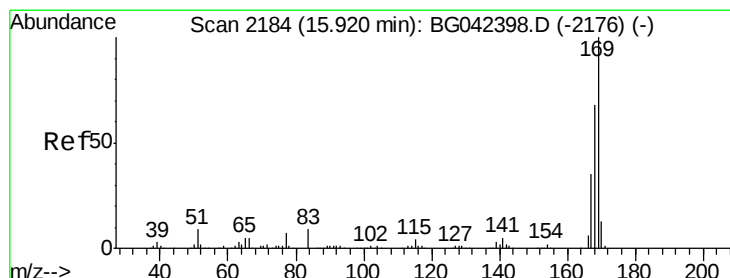
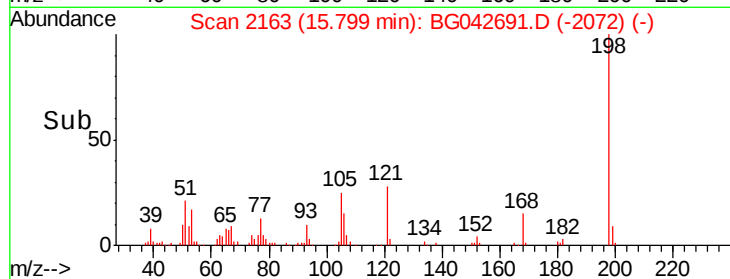
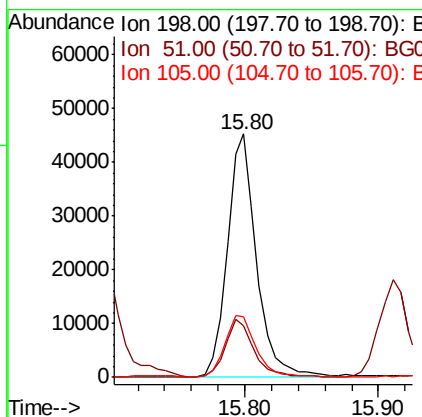
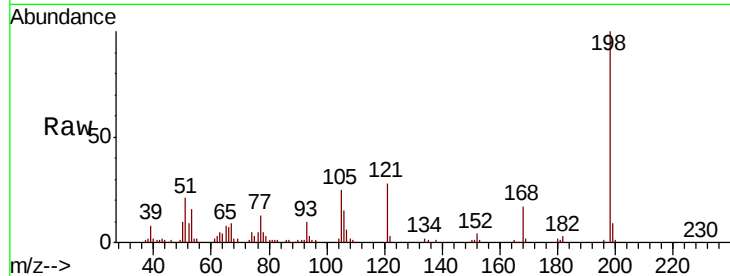
#65
4,6-Dinitro-2-methylphenol
Concen: 45.065 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	69036		
51	21.2		4.2	44.2
105	25.0		8.8	48.8

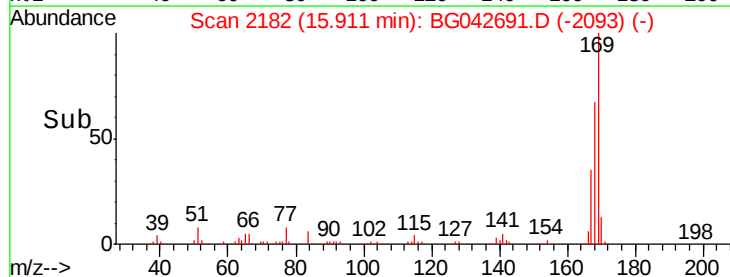
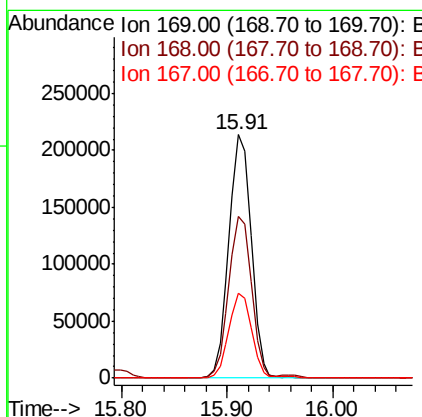
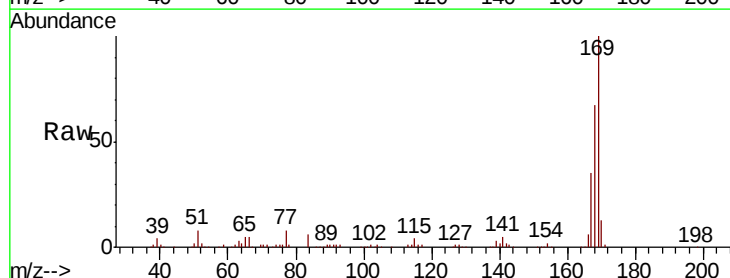
Manual Integrations
APPROVED

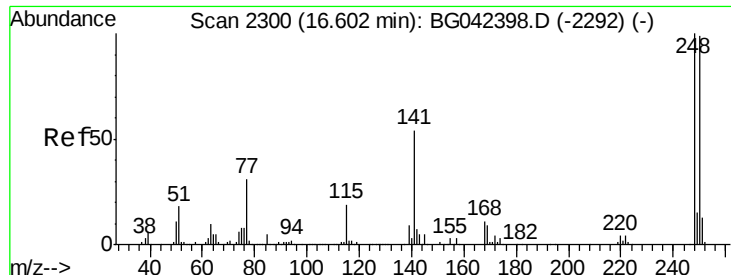
mohammad
9/6/2019 8:17:31 AM



#66
n-Nitrosodiphenylamine
Concen: 46.790 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	314410		
168	66.5		54.3	81.5
167	35.0		28.2	42.2





#67

4-Bromophenyl-phenylether

Concen: 46.586 ng

RT: 16.59 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

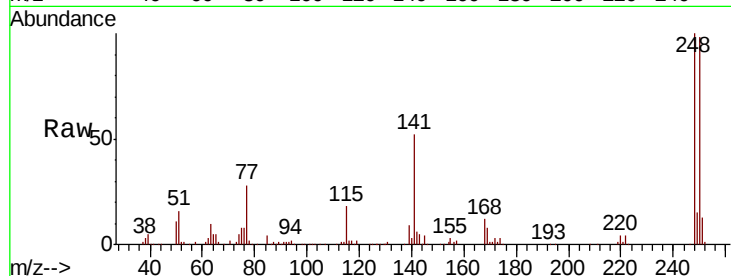
ClientSampleId :

SB-13-(13-15)MSD

Tot Ion:	248	Resp:	144383
Ion Ratio	Lower	Upper	
248	100		
250	97.9	78.9	118.3
141	52.0	43.3	64.9

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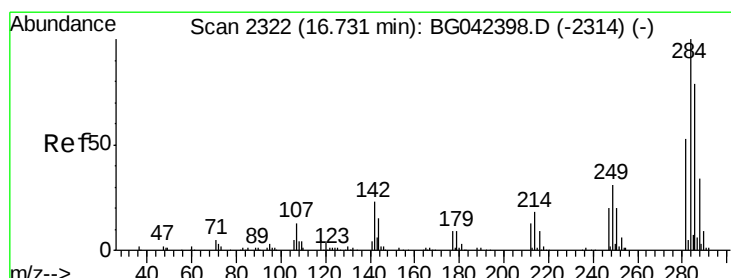
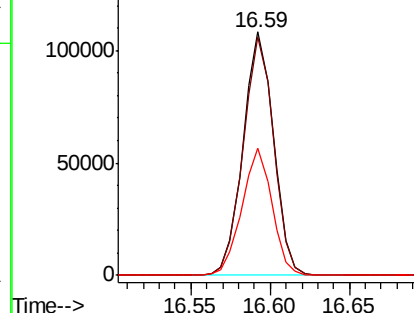
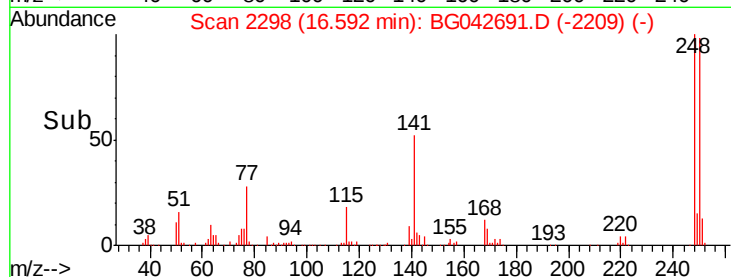


Abundance

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: 45.506 ng

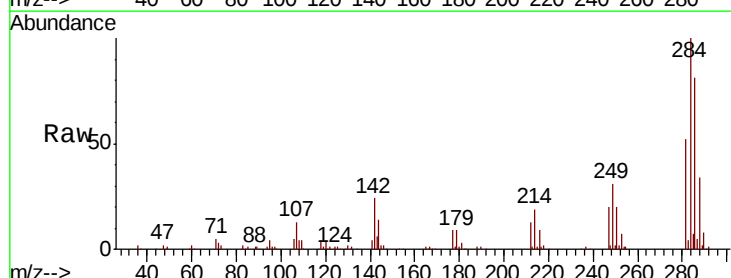
RT: 16.72 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Tgt Ion:	284	Resp:	153319
Ion Ratio	Lower	Upper	
284	100		
142	23.7	18.2	27.4
249	31.3	25.0	37.4

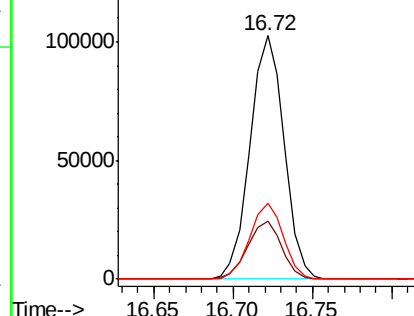
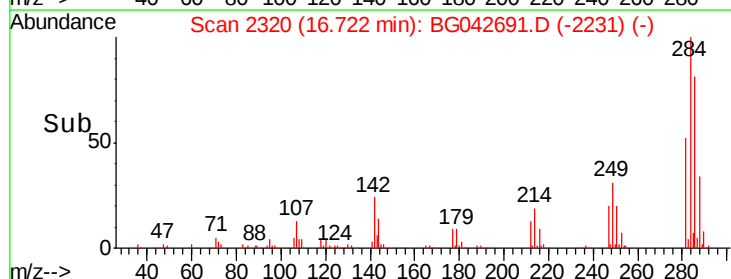


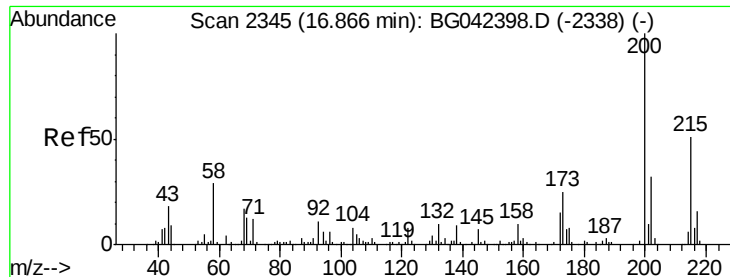
Abundance

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





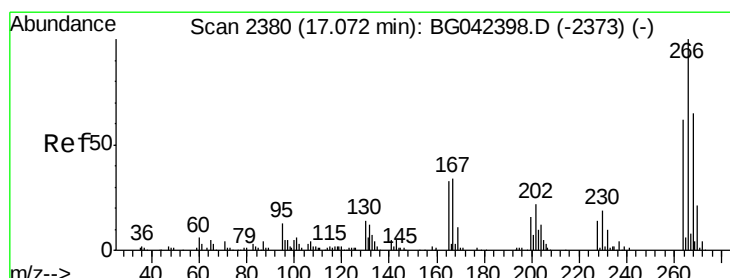
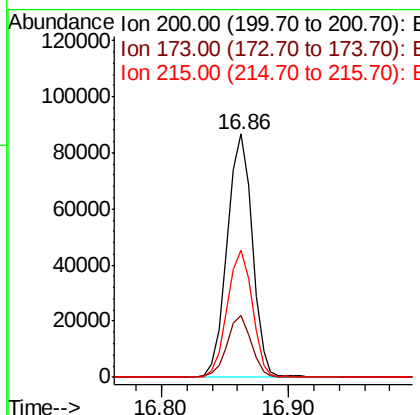
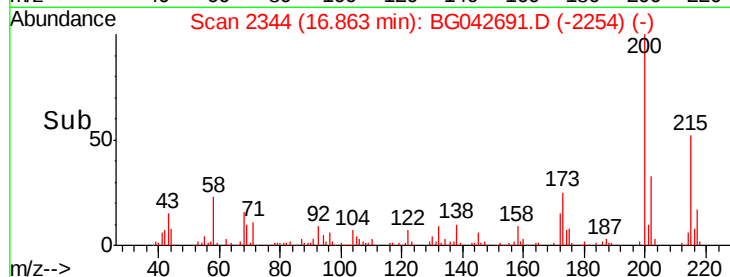
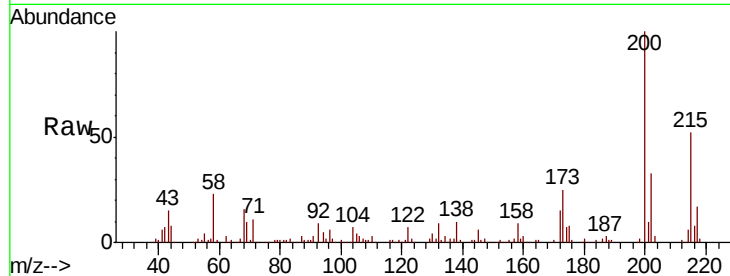
#69
Atrazine
Concen: 50.056 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.4	4.9	44.9
215	52.0	30.7	70.7

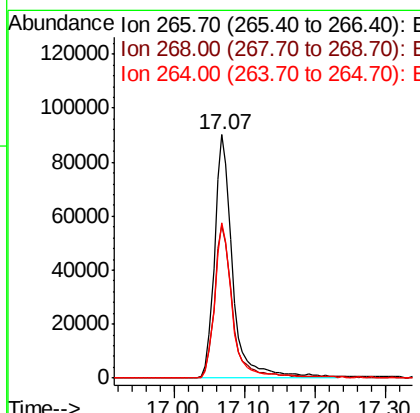
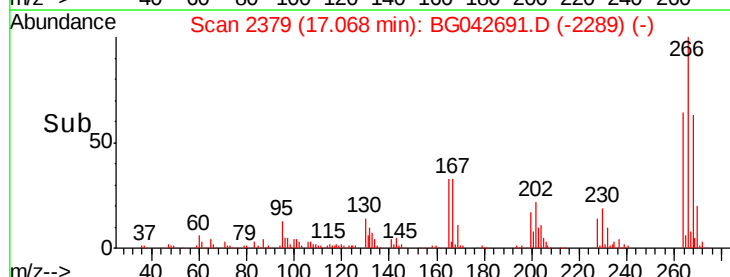
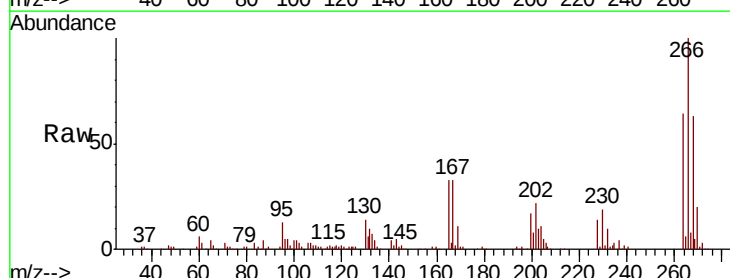
Manual Integrations
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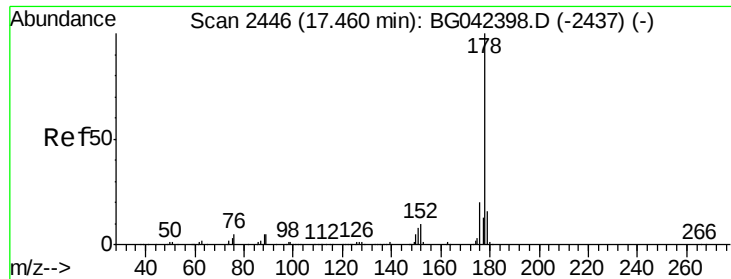
mohammad
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#70
Pentachlorophenol
Concen: 92.112 ng
RT: 17.07 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.6	52.1	78.1
264	63.7	49.4	74.2





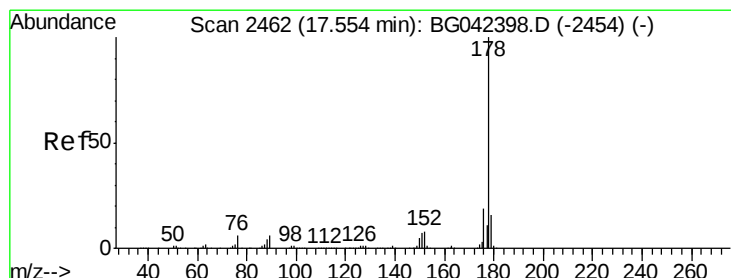
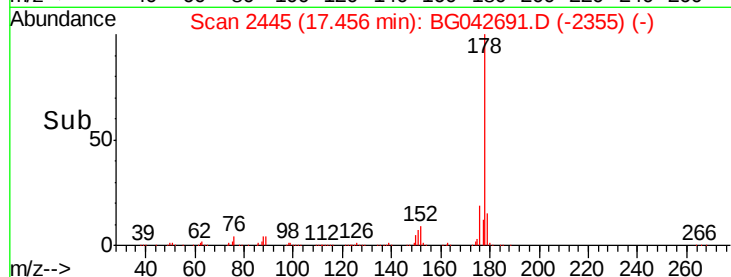
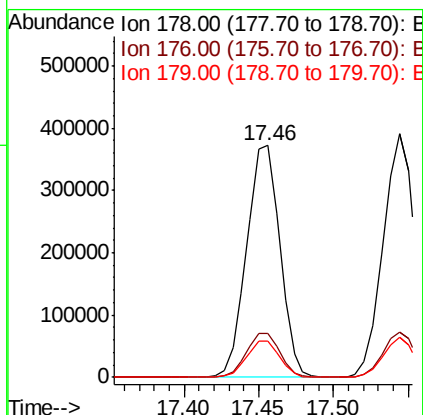
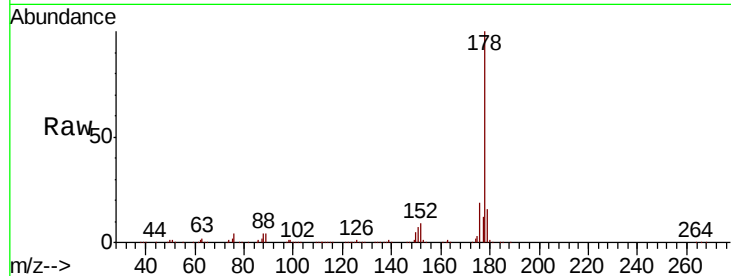
#71
Phenanthrene
Concen: 47.387 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.8	12.7	19.1

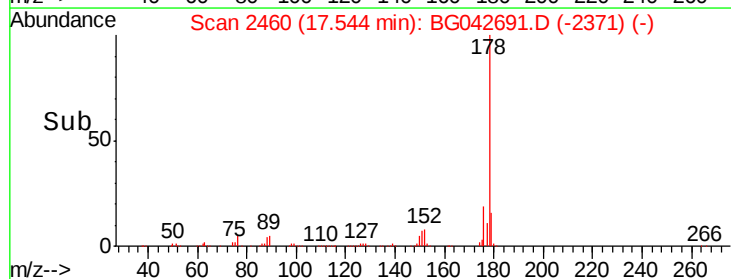
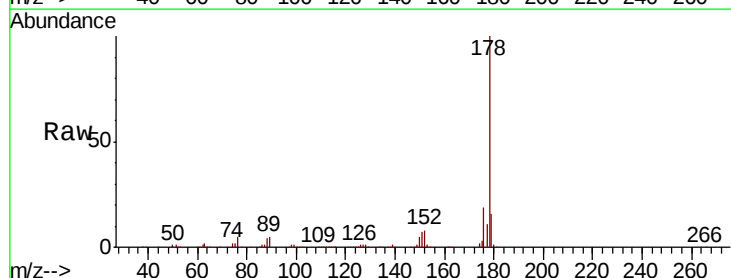
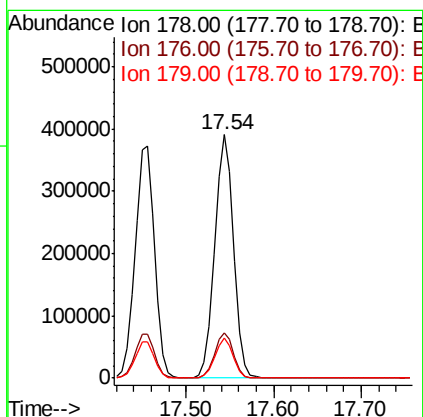
Manual Integrations
APPROVED

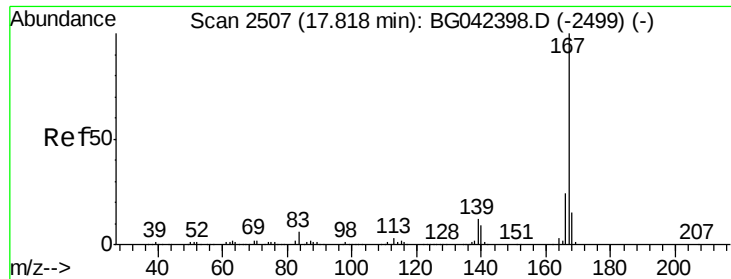
mohammad
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#72
Anthracene
Concen: 48.031 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	16.5	12.9	19.3





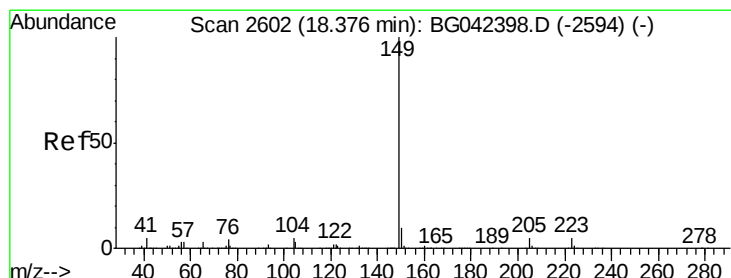
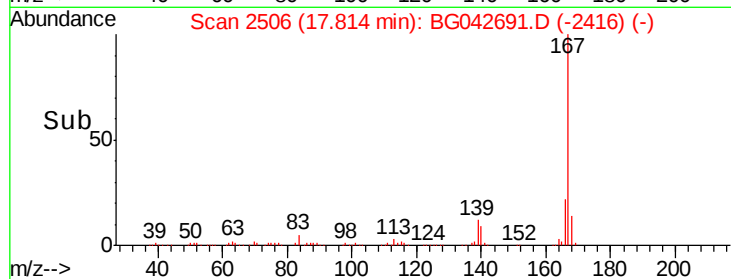
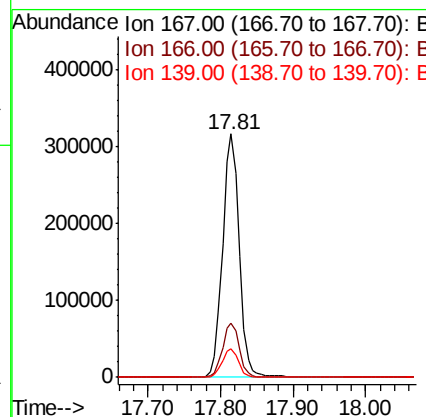
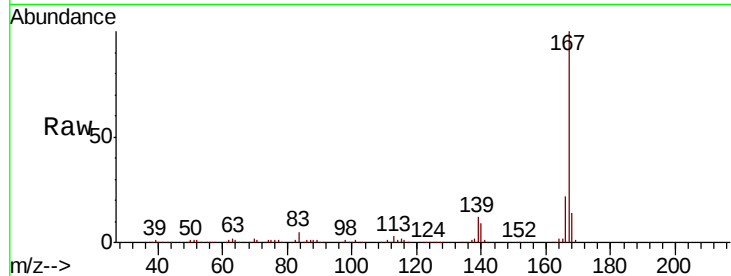
#73
 Carbazole
 Concen: 46.901 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.9	28.3
139	11.9	9.8	14.6

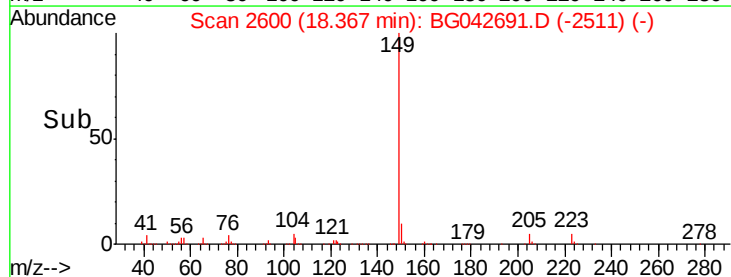
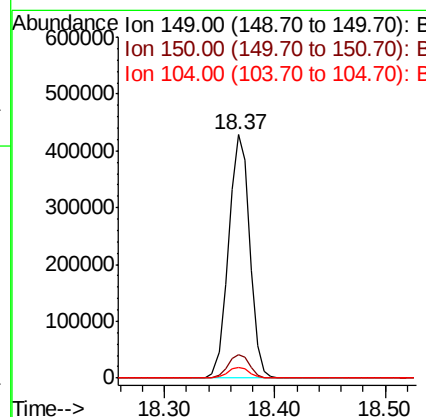
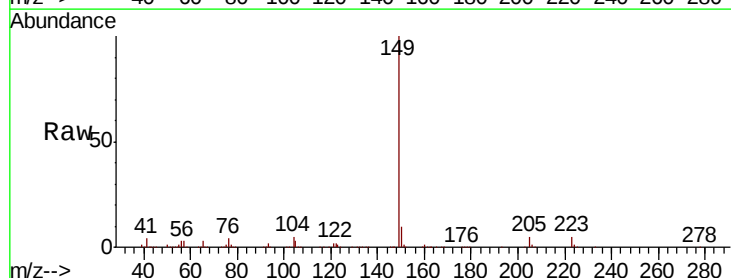
Manual Integrations
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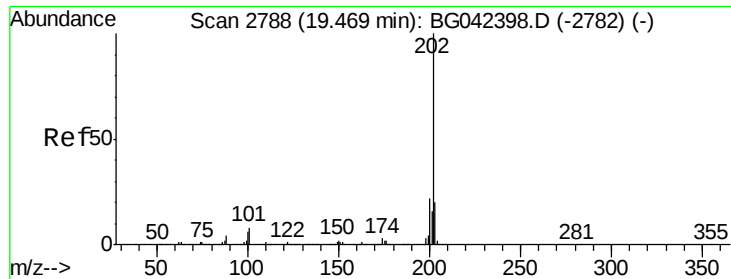
mohammad
 9/6/2019 8:17:31 AM



#74
 Di-n-butylphthalate
 Concen: 45.094 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 50.091 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042691.D

Acq: 3 Sep 2019 16:34

Instrument :

BNA_G

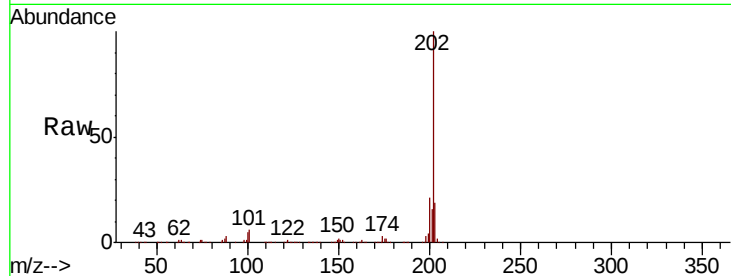
ClientSampleId :

SB-13-(13-15)MSD

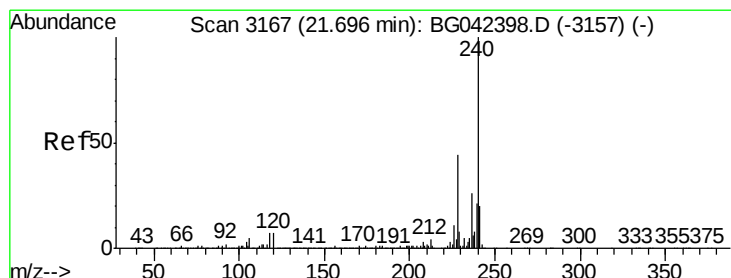
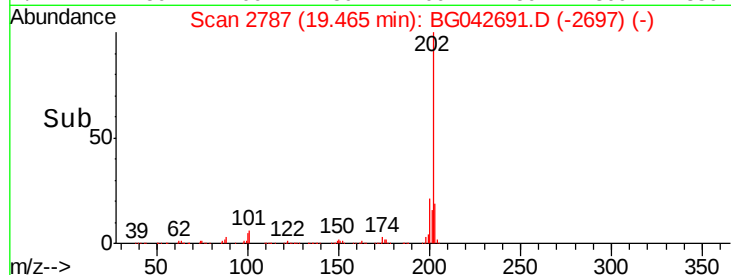
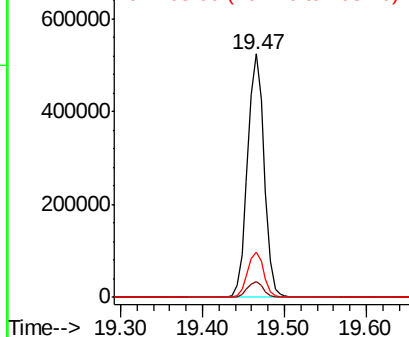
Tot Ion:	202	Resp:	741953
Ion Ratio		Lower	Upper
202	100		
101	6.3	0.0	28.3
203	18.8	0.0	39.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

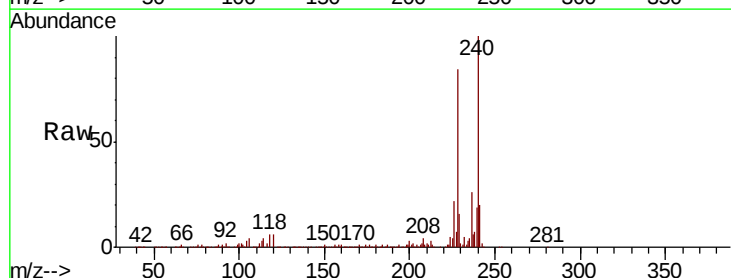
RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

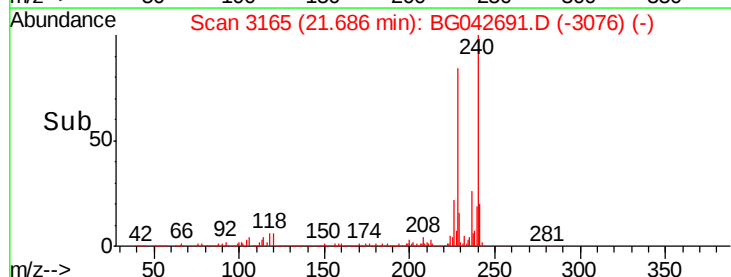
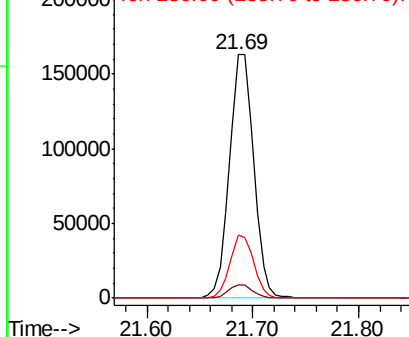
Lab File: BG042691.D

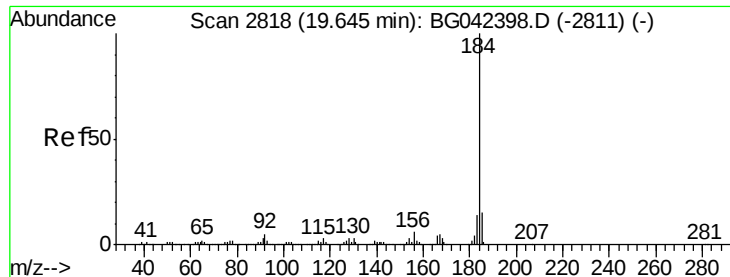
Acq: 3 Sep 2019 16:34

Tgt Ion:	240	Resp:	257825
Ion Ratio		Lower	Upper
240	100		
120	5.7	5.7	8.5
236	26.1	21.0	31.4



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





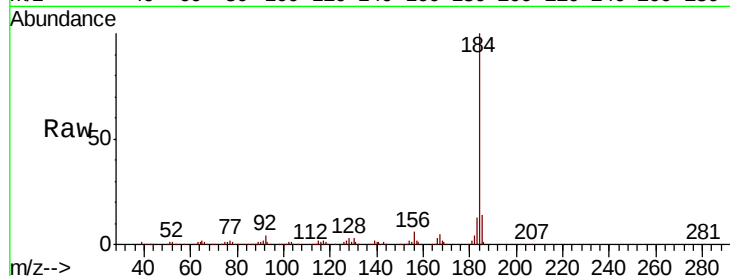
#77
Benzidine
Concen: 40.273 ng
RT: 19.64 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	297693		
185	14.4		12.2	18.4
183	13.5		10.8	16.2

Manual Integrations
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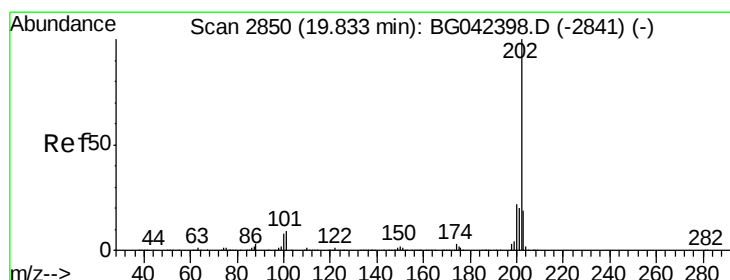
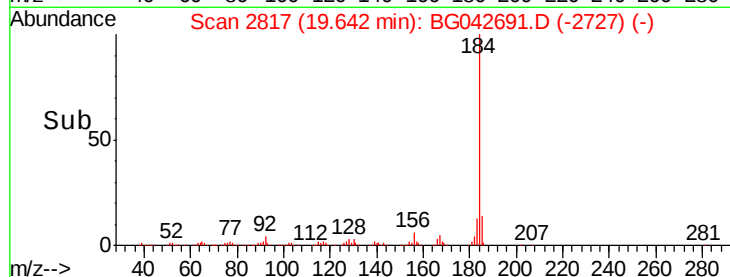
Abundance

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

Time-->



#78
Pyrene
Concen: 47.228 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	746536		
200	21.3		17.8	26.6
203	18.3		15.5	23.3

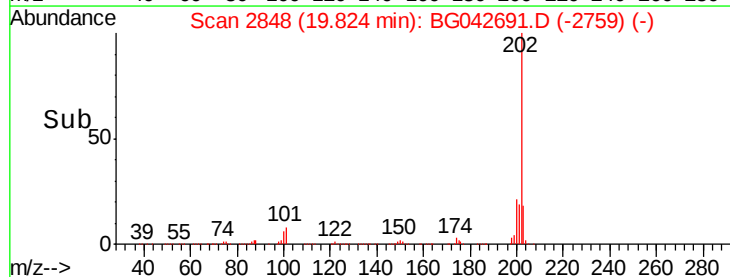
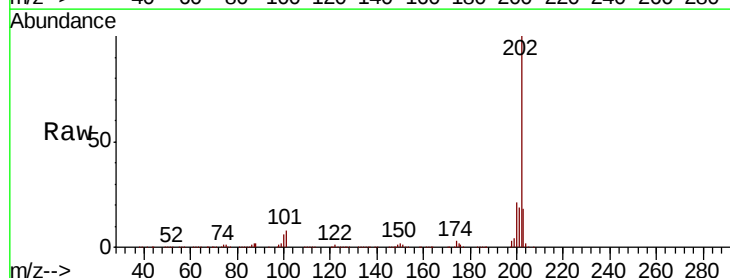
Abundance

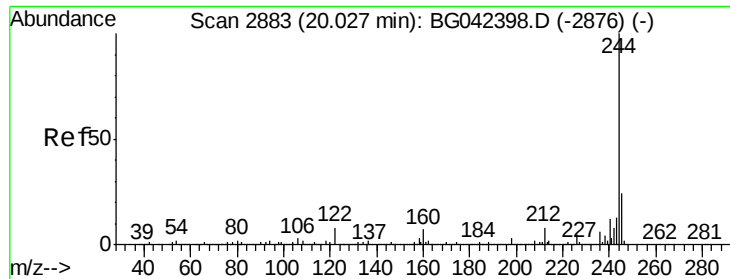
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->





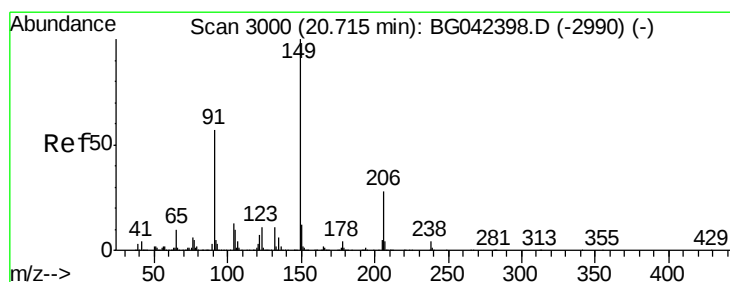
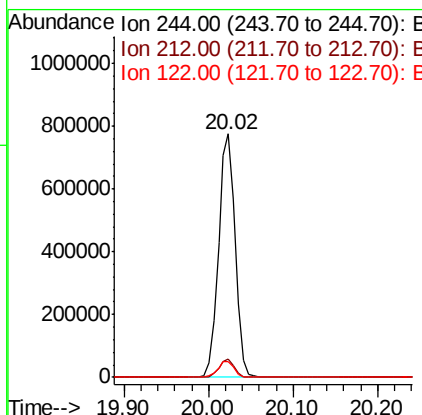
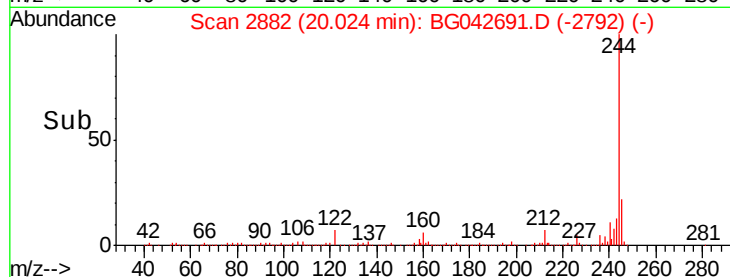
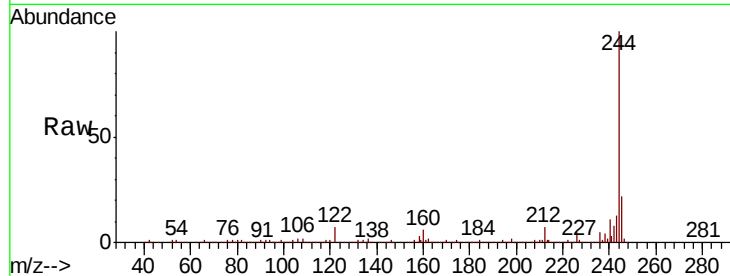
#79
 Terphenyl-d14
 Concen: 89.603 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	6.7	6.7	10.1

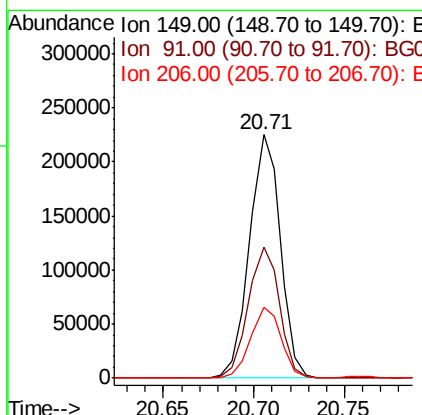
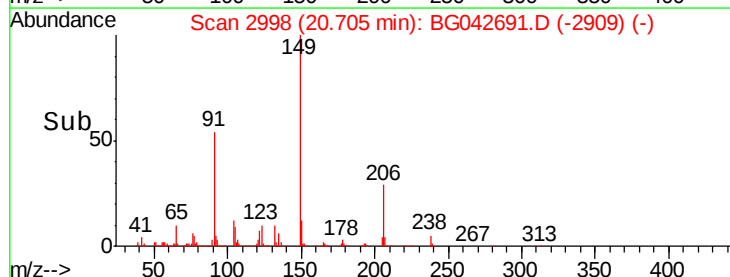
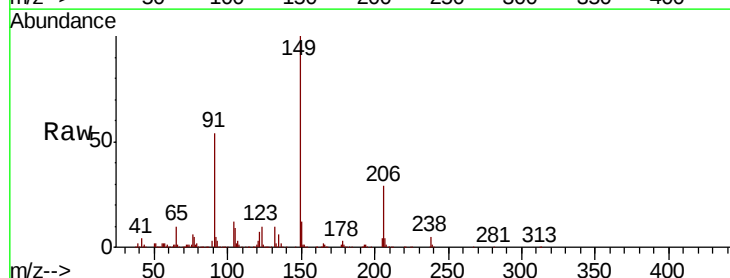
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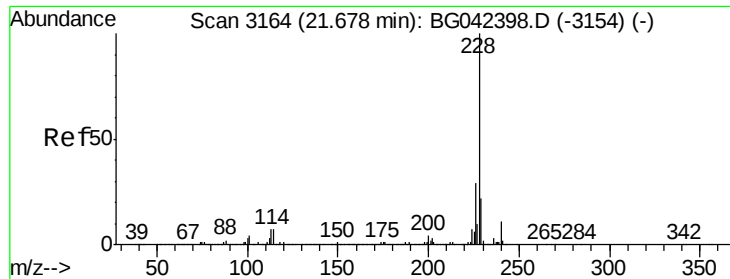
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.216 ng
 RT: 20.71 min Scan# 2998
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	54.0	45.9	68.9
206	28.9	22.5	33.7





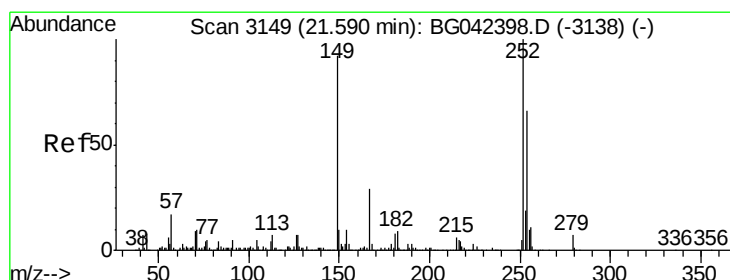
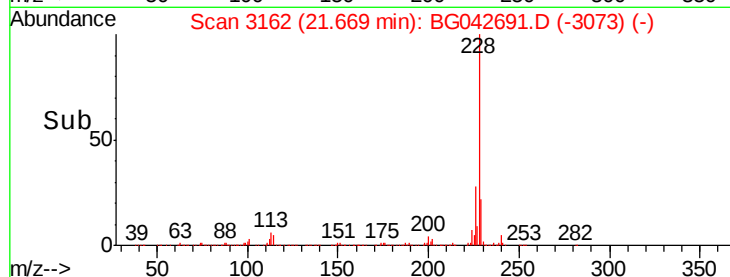
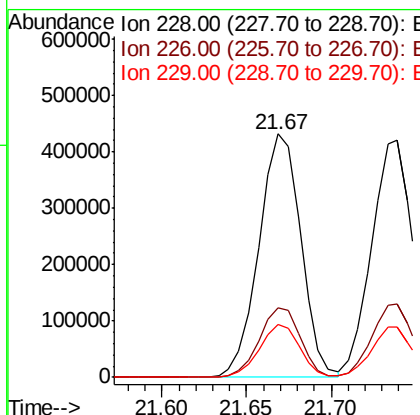
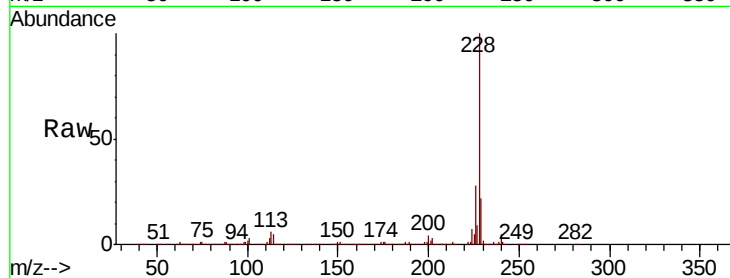
#81
Benzo(a)anthracene
Concen: 47.234 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion:	228	Resp:	740821
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.4	35.2
229	21.6	17.4	26.2

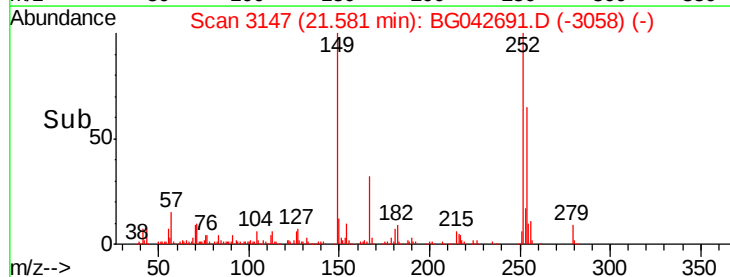
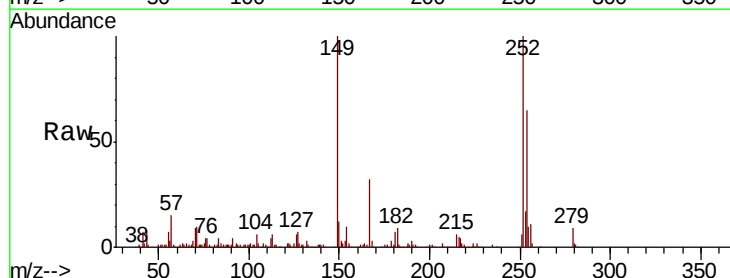
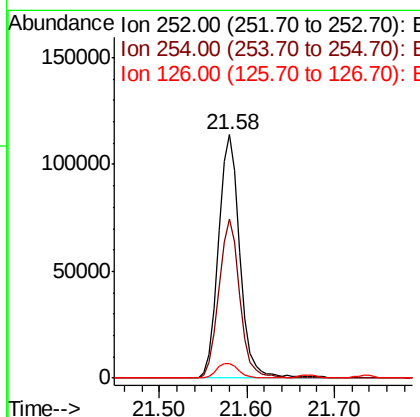
Manual Integrations
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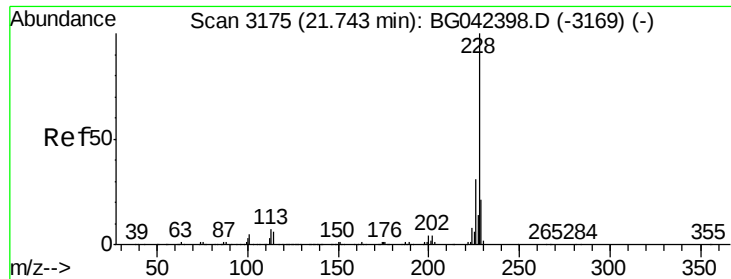
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 30.700 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion:	252	Resp:	193652
Ion Ratio	Lower	Upper	
252	100		
254	65.1	53.0	79.4
126	6.1	5.7	8.5





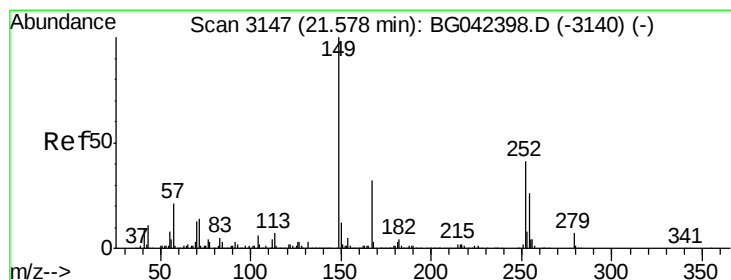
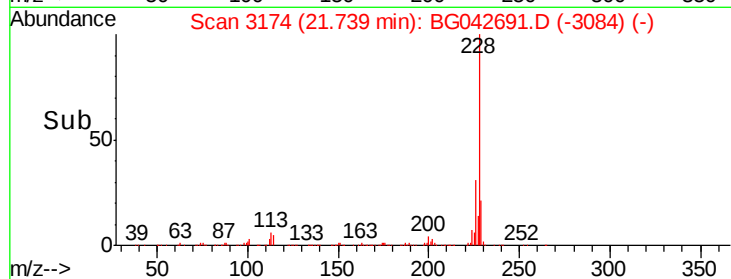
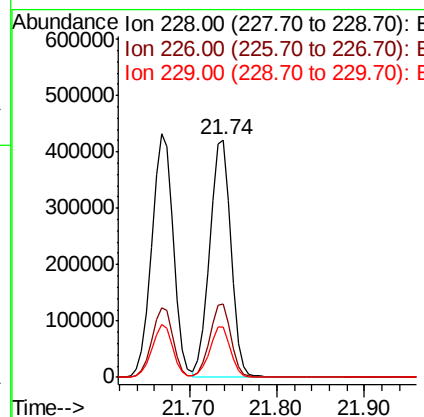
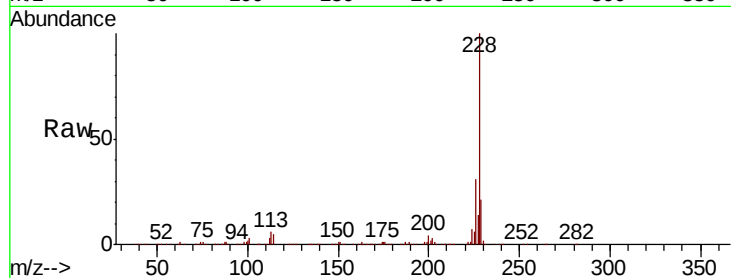
#83
 Chrysene
 Concen: 47.216 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MSD

Tot Ion:	228	Resp:	714187
Ion Ratio		Lower	Upper
228	100		
226	31.0	24.9	37.3
229	21.3	16.9	25.3

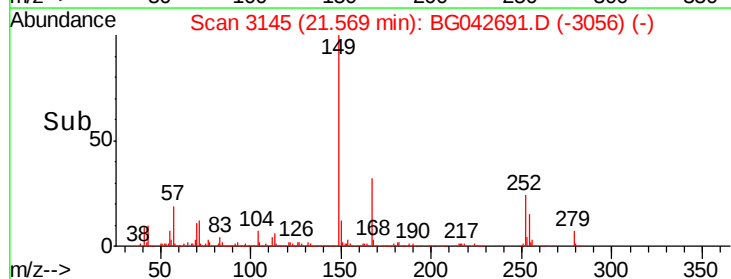
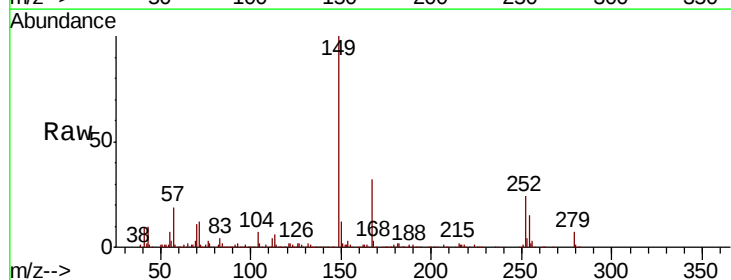
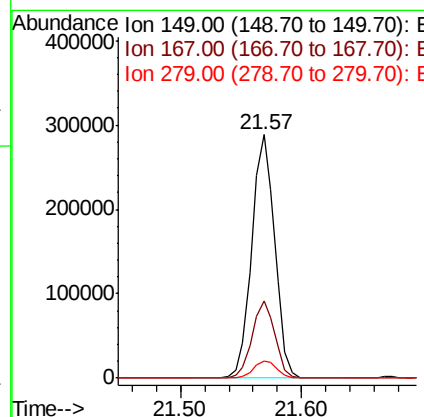
Manual Integrations
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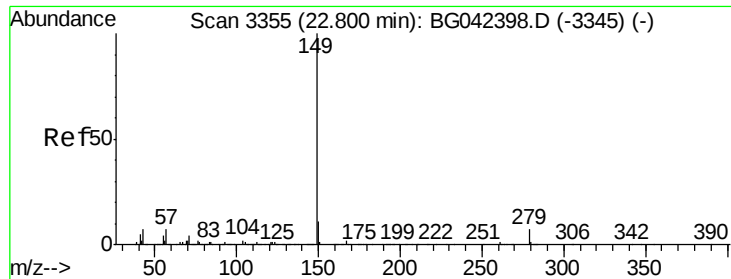
mohammad
 9/6/2019 8:17:31 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.352 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042691.D
 Acq: 3 Sep 2019 16:34

Tgt Ion:	149	Resp:	382863
Ion Ratio		Lower	Upper
149	100		
167	31.7	26.0	39.0
279	7.0	5.4	8.0





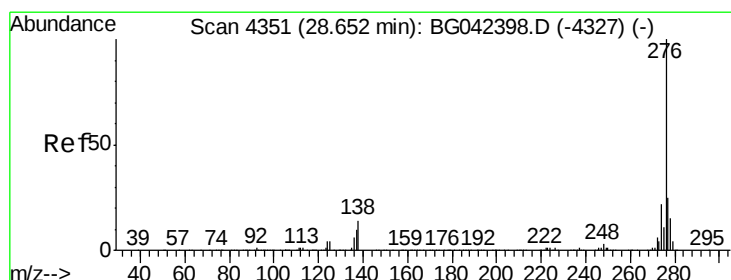
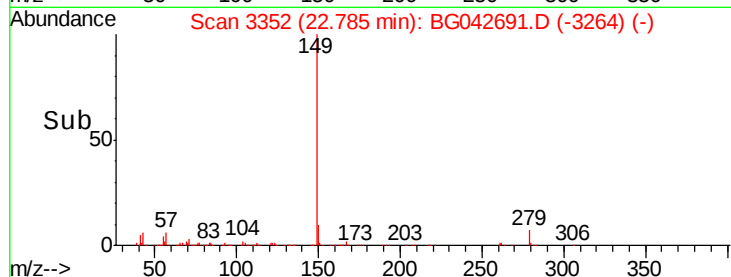
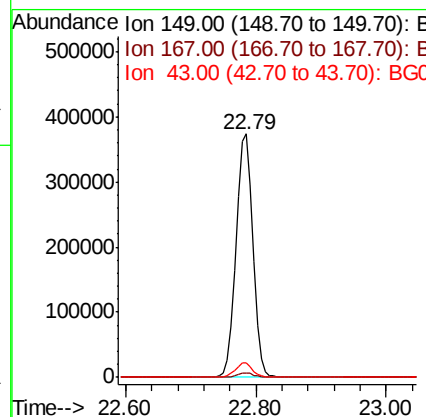
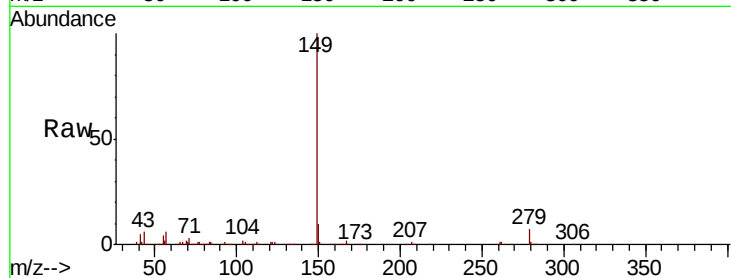
#85
Di-n-octyl phthalate
Concen: 44.939 ng
RT: 22.79 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion:	149	Resp:	667204
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.6	2.4
43	6.0	5.3	7.9

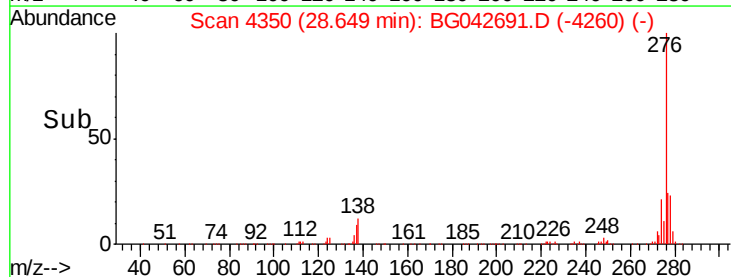
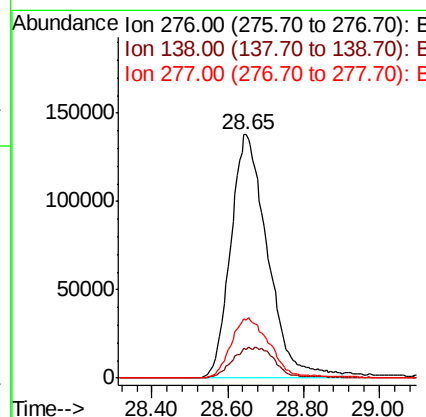
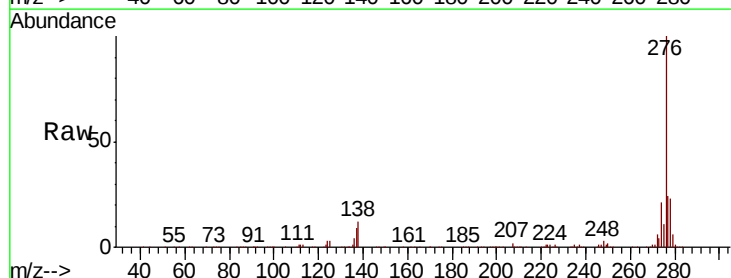
Manual Integrations
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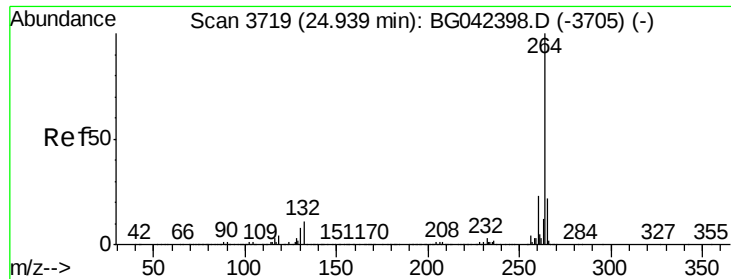
mohammad
9/6/2019 8:17:31 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.556 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion:	276	Resp:	936426
Ion Ratio	Lower	Upper	
276	100		
138	7.1	9.2	13.8#
277	25.6	21.0	31.6





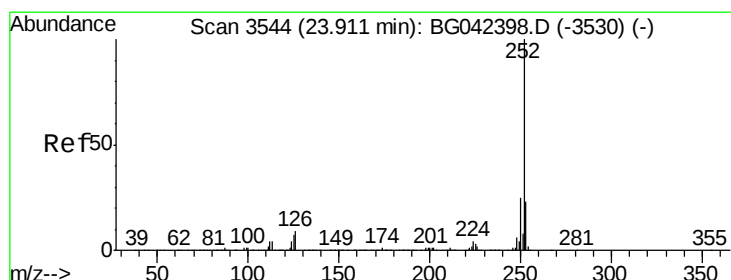
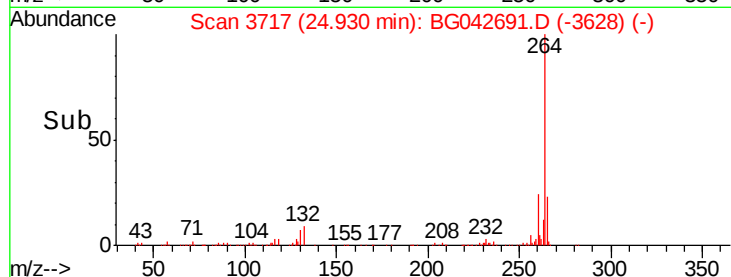
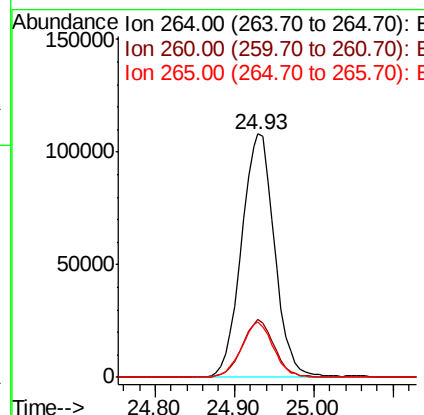
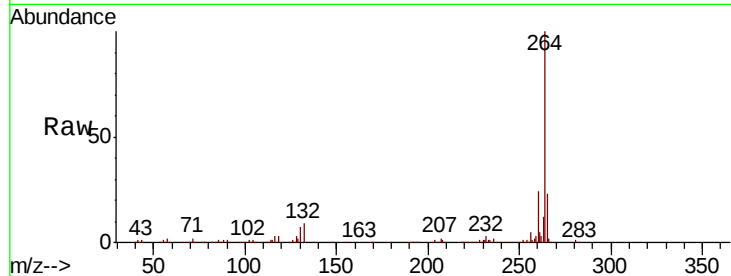
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	23.0	17.6	26.4

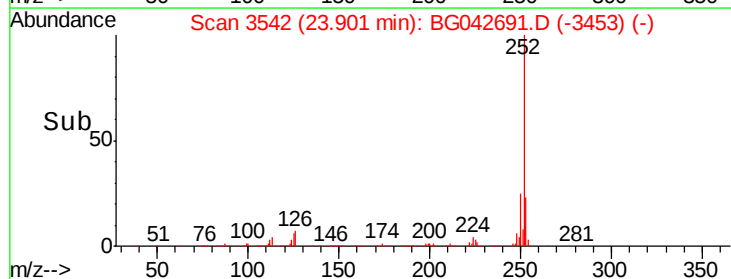
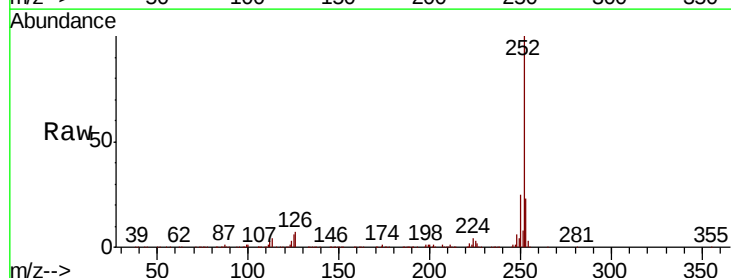
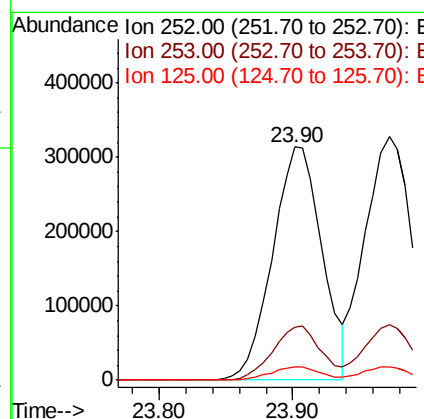
Manual Integrations
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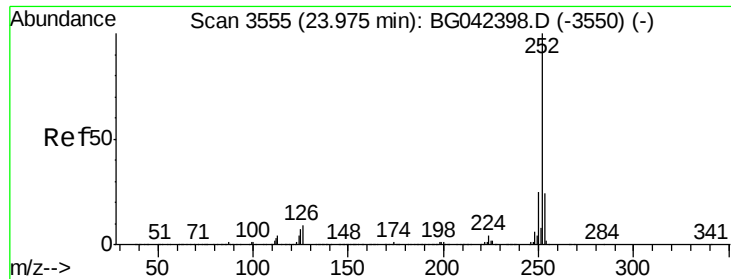
mohammad
9/6/2019 8:17:31 AM



#88
Benzo(b)fluoranthene
Concen: 47.114 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	5.7	5.6	8.4





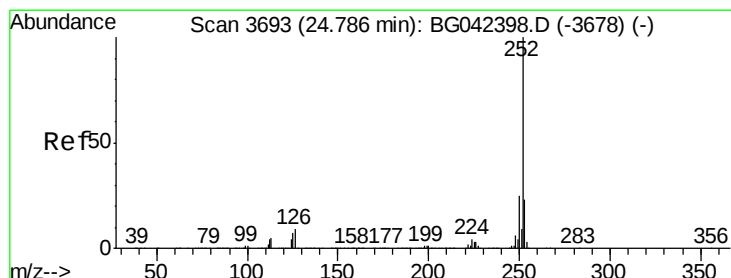
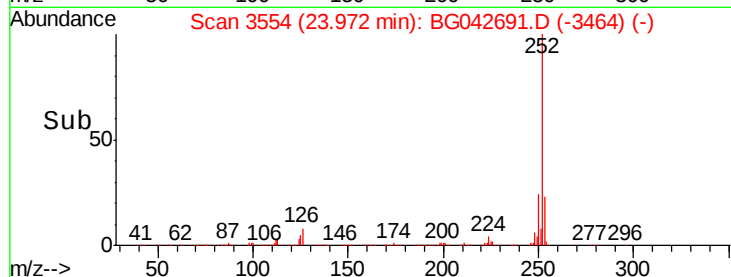
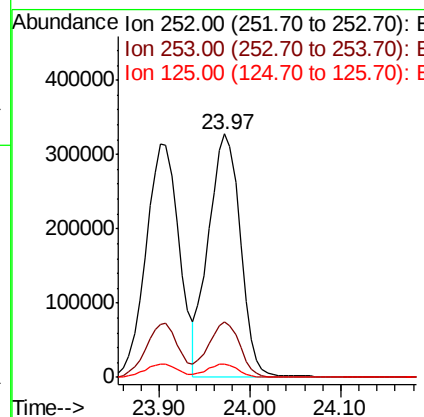
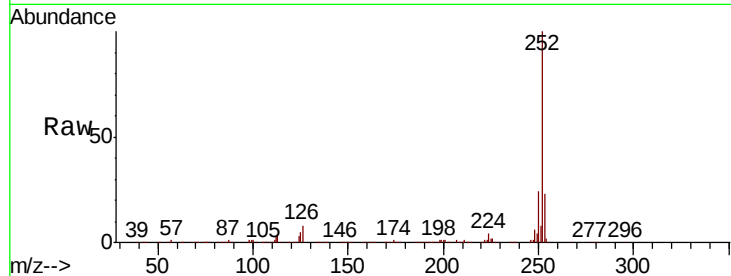
#89
Benzo(k)fluoranthene
Concen: 48.621 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	5.4	5.8	8.6

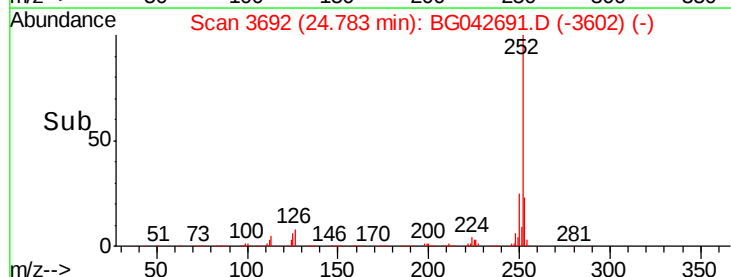
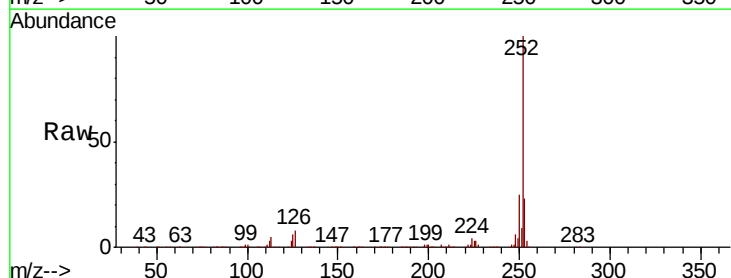
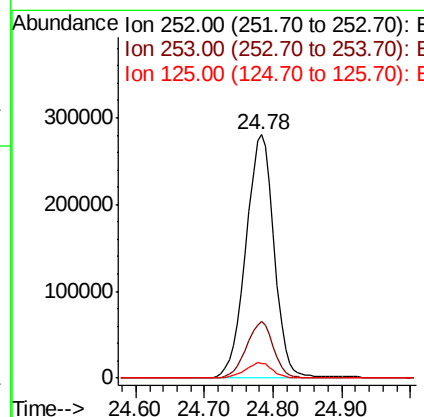
Manual Integrations
APPROVED

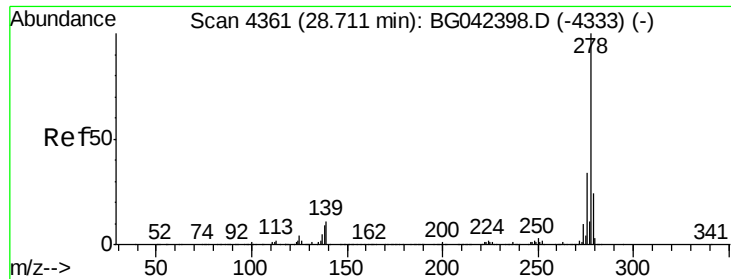
mohammad
9/6/2019 8:17:31 AM



#90
Benzo(a)pyrene
Concen: 49.377 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	6.2	6.0	9.0





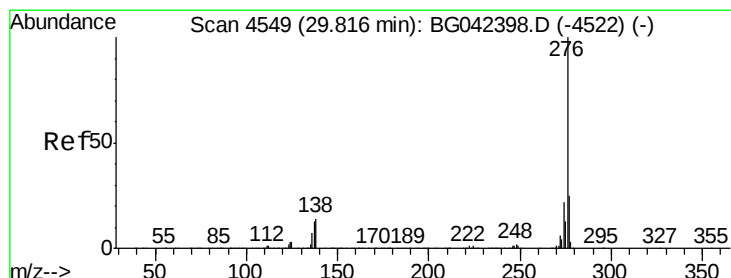
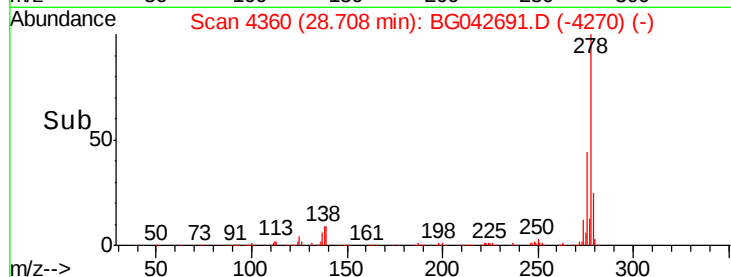
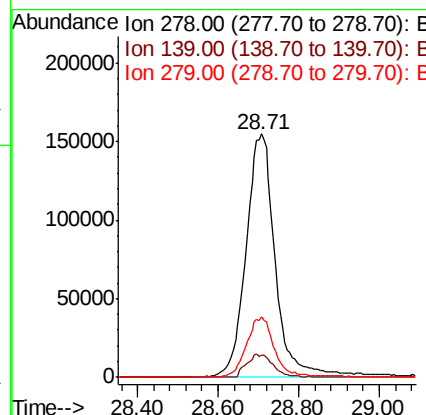
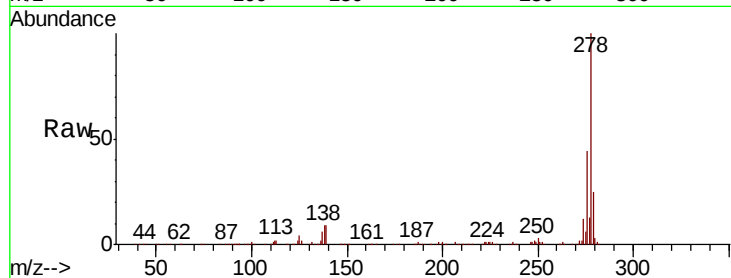
#91
Dibenzo(a,h)anthracene
Concen: 47.190 ng
RT: 28.71 min Scan# 4360
Delta R.T. -0.00 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.0	8.8	13.2
279	24.8	19.1	28.7

Manual Integrations
APPROVED

mohammad
9/6/2019 8:17:31 AM



#92
Benzo(g,h,i)perylene
Concen: 46.920 ng
RT: 29.81 min Scan# 4547
Delta R.T. -0.01 min
Lab File: BG042691.D
Acq: 3 Sep 2019 16:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	13.1	11.4	17.0

