

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042865.D
 Acq On : 17 Sep 2019 1:34
 Operator : HP/JU
 Sample : K4846-08MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Manual Integrations
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 9/17/2019 1:26:54 PM

Quant Time: Sep 17 04:57:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	103635	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	410085	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	280495	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	636895	20.00	ng	0.00
76) Chrysene-d12	21.76	240	588665	20.00	ng	0.00
87) Perylene-d12	25.03	264	647947	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	511527	85.81	ng	0.00
7) Phenol-d6	7.27	99	769289	89.91	ng	0.00
23) Nitrobenzene-d5	9.27	82	485220	61.60	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	326086	87.38	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1011005	57.05	ng	0.00
79) Terphenyl-d14	20.09	244	1567055	59.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	81026	29.784	ng	98
3) Pyridine	3.98	79	227438	27.767	ng	98
4) n-Nitrosodimethylamine	3.89	42	134696	33.795	ng	90
6) Aniline	7.44	93	316969	27.458	ng	99
8) 2-Chlorophenol	7.68	128	285048	44.238	ng	99
9) Benzaldehyde	7.25	77	196494	35.291	ng	100
10) Phenol	7.30	94	410389	46.771	ng	96
11) bis(2-Chloroethyl)ether	7.53	93	266515	39.577	ng	97
12) 1,3-Dichlorobenzene	8.01	146	303889	38.667	ng	99
13) 1,4-Dichlorobenzene	8.15	146	307835	39.123	ng	96
14) 1,2-Dichlorobenzene	8.48	146	291568	38.928	ng	99
15) Benzyl Alcohol	8.35	79	298460	40.647	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	519435	35.125	ng	97
17) 2-Methylphenol	8.55	107	251473	42.838	ng	98
18) Hexachloroethane	9.21	117	113415	39.042	ng	94
19) n-Nitroso-di-n-propylamine	8.92	70	241711	38.339	ng	91
20) 3+4-Methylphenols	8.88	107	348139	43.023	ng	99
22) Acetophenone	8.93	105	426149	41.147	ng	95
24) Nitrobenzene	9.32	77	359273	43.454	ng	97
25) Isophorone	9.84	82	651951	39.708	ng	97
26) 2-Nitrophenol	10.03	139	166869	51.326	ng	92
27) 2,4-Dimethylphenol	10.09	122	273285	47.520	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	367486	40.135	ng	99
29) 2,4-Dichlorophenol	10.57	162	301172	45.065	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	334528	40.999	ng	99
31) Naphthalene	10.98	128	856706	42.312	ng	98
32) Benzoic acid	10.22	122	218413	47.085	ng	97
33) 4-Chloroaniline	11.07	127	227404	24.029	ng	97
34) Hexachlorobutadiene	11.27	225	218451	38.212	ng	95
35) Caprolactam	11.85	113	106882m	43.007	ng	
36) 4-Chloro-3-methylphenol	12.19	107	327328	45.110	ng	96
37) 2-Methylnaphthalene	12.58	142	647511	42.692	ng	98
38) 1-Methylnaphthalene	12.79	142	606154	42.611	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	396953	42.827	ng	98

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Quant Time: Sep 17 04:57:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	327756	61.726	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	276847	44.864	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	297490	47.067	ng	97
46) 1,1'-Biphenyl	13.58	154	850925	43.334	ng	99
47) 2-Chloronaphthalene	13.62	162	678789	41.788	ng	100
48) 2-Nitroaniline	13.80	65	246166	43.686	ng	98
49) Acenaphthylene	14.46	152	1071659	43.172	ng	97
50) Dimethylphthalate	14.19	163	899515	42.808	ng	100
51) 2,6-Dinitrotoluene	14.30	165	201233	46.673	ng	90
52) Acenaphthene	14.80	154	727937	44.887	ng	97
53) 3-Nitroaniline	14.63	138	164217	33.936	ng	94
54) 2,4-Dinitrophenol	14.83	184	148676	70.046	ng	# 74
55) Dibenzofuran	15.13	168	1023680	42.468	ng	98
56) 4-Nitrophenol	14.93	139	345760	92.413	ng	96
57) 2,4-Dinitrotoluene	15.09	165	276996	48.199	ng	99
58) Fluorene	15.78	166	847250	42.411	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	286659	46.785	ng	98
60) Diethylphthalate	15.55	149	842771	39.512	ng	97
61) 4-Chlorophenyl-phenylether	15.77	204	486407	41.180	ng	98
62) 4-Nitroaniline	15.79	138	200531	38.446	ng	96
63) Azobenzene	16.07	77	854890	41.622	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	122515	44.957	ng	99
66) n-Nitrosodiphenylamine	15.98	169	763468	44.547	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	329540	42.749	ng	99
68) Hexachlorobenzene	16.79	284	338984	41.153	ng	99
69) Atrazine	16.93	200	284660	47.697	ng	97
70) Pentachlorophenol	17.13	266	458182	93.766	ng	97
71) Phenanthrene	17.52	178	1310440	43.023	ng	99
72) Anthracene	17.61	178	1343564	44.153	ng	99
73) Carbazole	17.88	167	1246544	43.100	ng	97
74) Di-n-butylphthalate	18.44	149	1393428	40.219	ng	99
75) Fluoranthene	19.53	202	1606552	40.698	ng	97
77) Benzidine	19.70	184	820621	49.896	ng	99
78) Pyrene	19.89	202	1622333	44.020	ng	97
80) Butylbenzylphthalate	20.77	149	641571	43.014	ng	99
81) Benzo(a)anthracene	21.74	228	1581257	42.248	ng	98
82) 3,3'-Dichlorobenzidine	21.65	252	568647	39.095	ng	99
83) Chrysene	21.81	228	1512453	42.661	ng	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	871011	42.739	ng	99
85) Di-n-octyl phthalate	22.89	149	1488203	42.835	ng	99
86) Indeno(1,2,3-cd)pyrene	28.78	276	1878648	42.790	ng	# 93
88) Benzo(b)fluoranthene	24.00	252	1634606	42.964	ng	97
89) Benzo(k)fluoranthene	24.06	252	1583675	44.066	ng	99
90) Benzo(a)pyrene	24.88	252	1589455	44.616	ng	99
91) Dibenzo(a,h)anthracene	28.85	278	1569049	44.781	ng	100
92) Benzo(g,h,i)perylene	29.94	276	1536994	44.972	ng	97

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

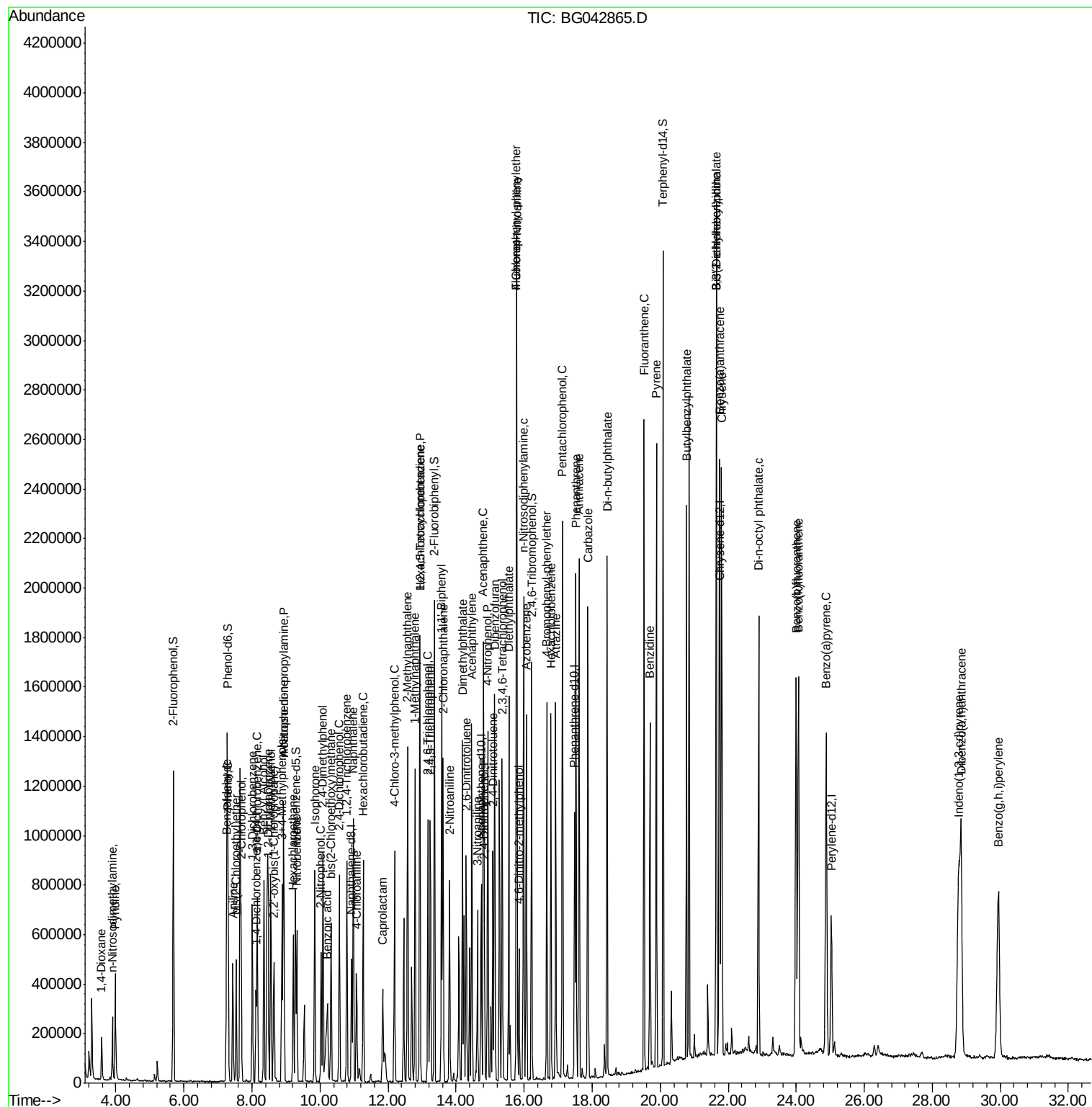
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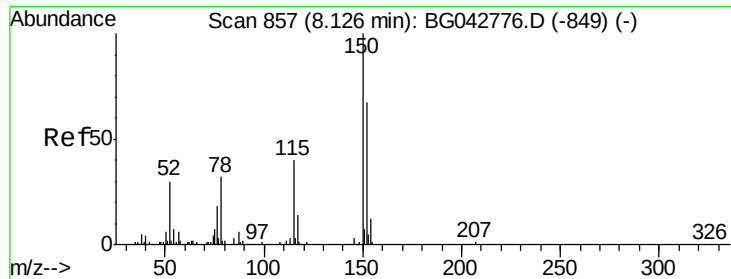
Instrument :
BNA_G
ClientSampled :
SB-23-COMPMS

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Quant Time: Sep 17 04:57:05 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
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#1

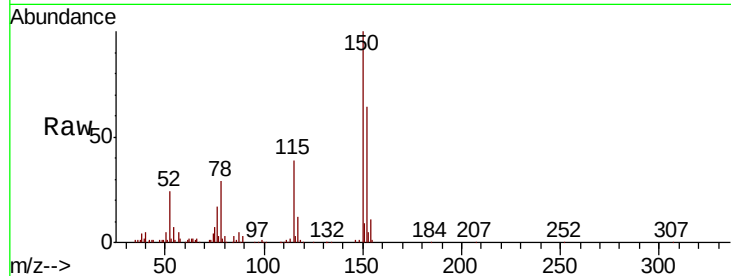
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	118.9	178.3
115	60.7	47.4	71.2

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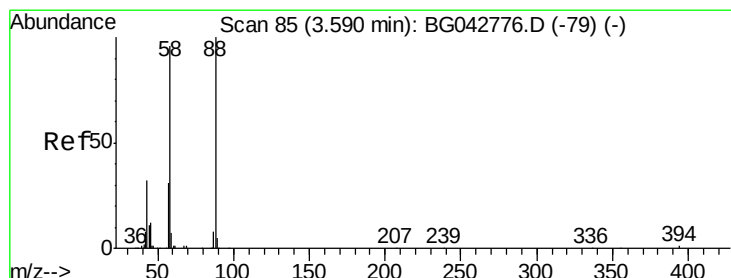
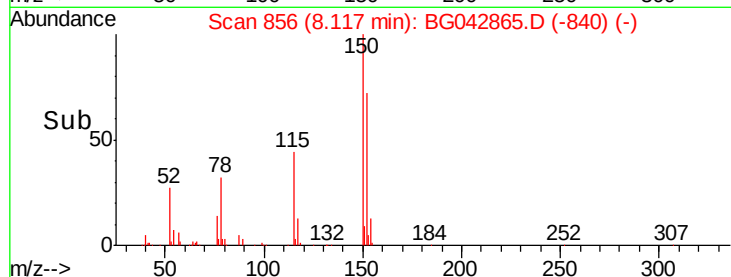
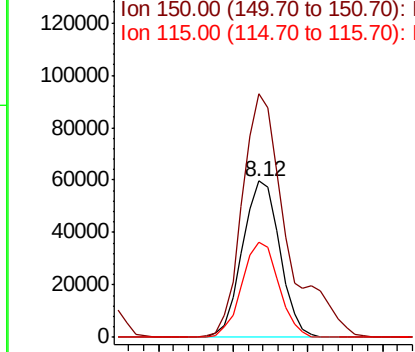


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

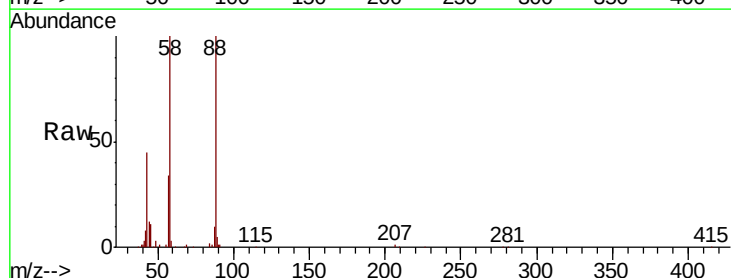
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.784 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.2	79.1	118.7
43	39.6	30.4	45.6

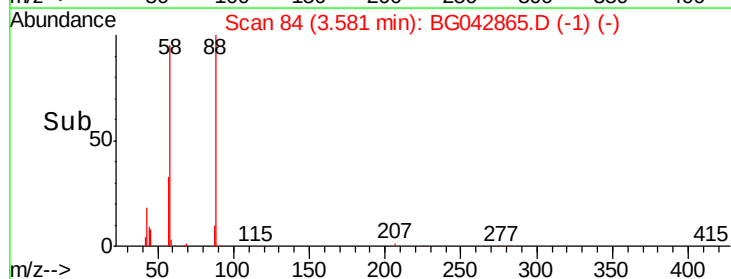
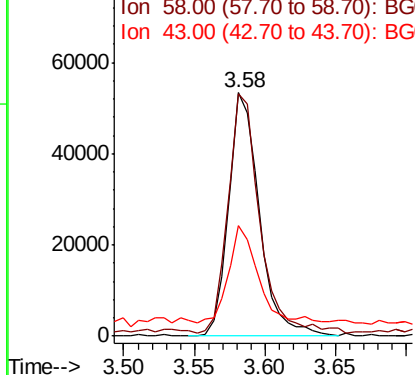


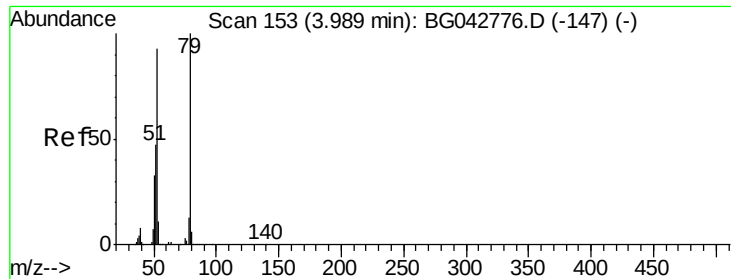
Abundance

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: 27.767 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

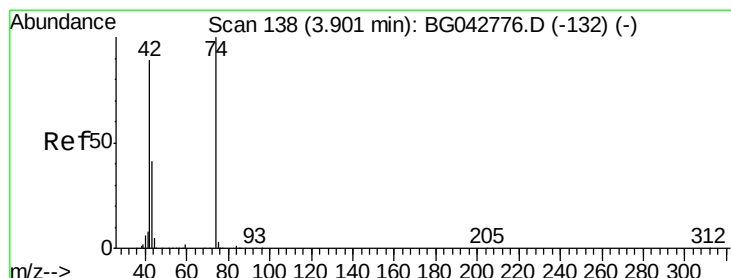
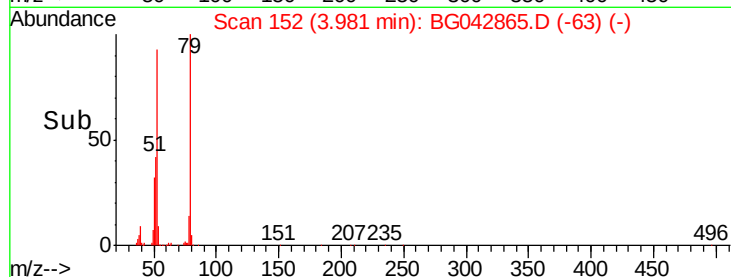
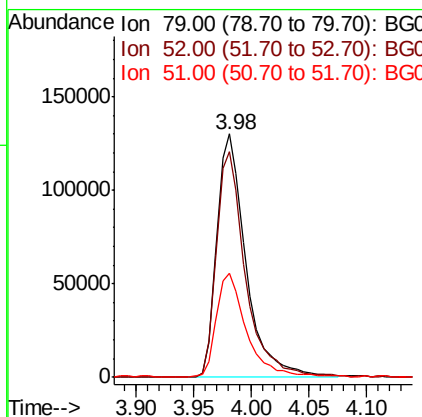
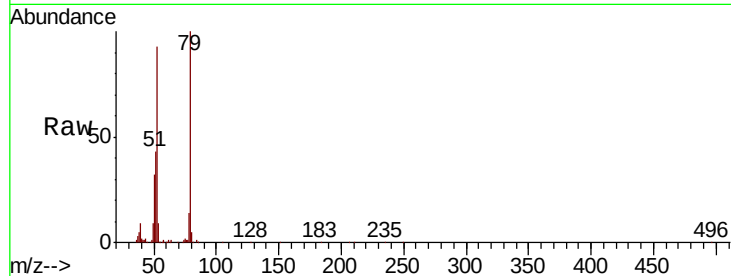
ClientSampleId :

SB-23-COMPMS

Tot Ion:	79	Resp:	227438
Ion Ratio	Lower	Upper	
79	100		
52	92.7	74.0	111.0
51	42.6	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 33.795 ng

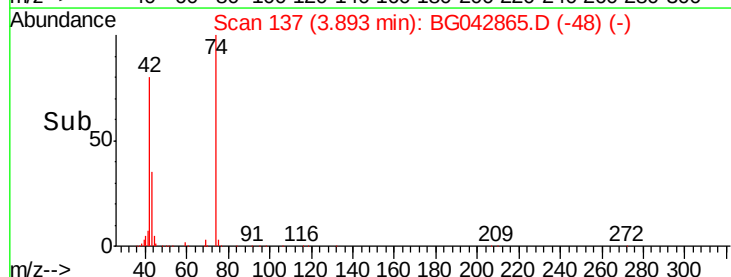
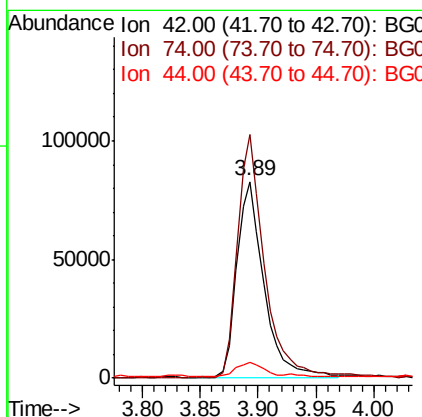
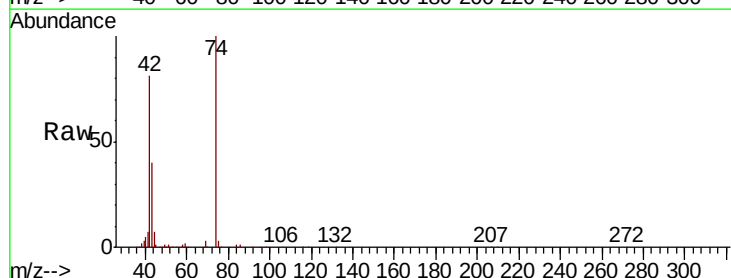
RT: 3.89 min Scan# 137

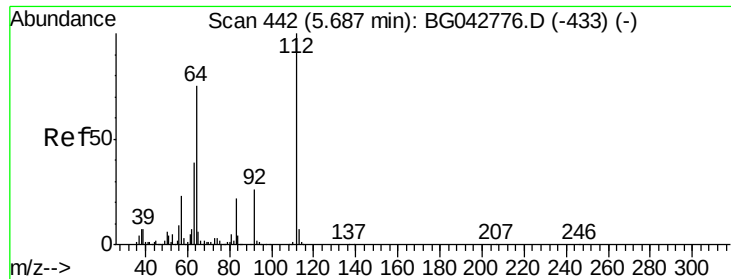
Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Tgt Ion:	42	Resp:	134696
Ion Ratio	Lower	Upper	
42	100		
74	123.9	90.2	135.2
44	8.2	6.6	9.8





#5

2-Fluorophenol

Concen: 85.812 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

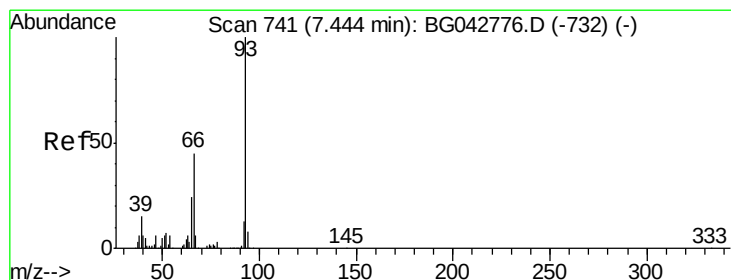
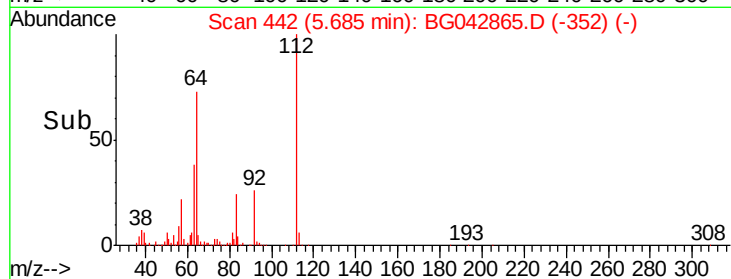
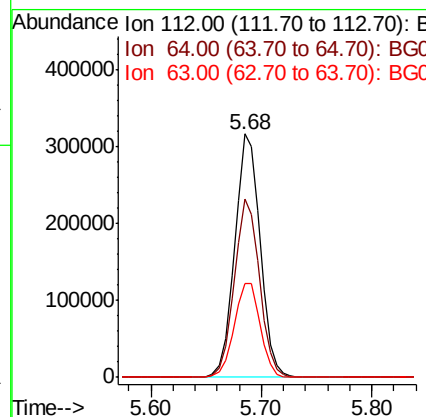
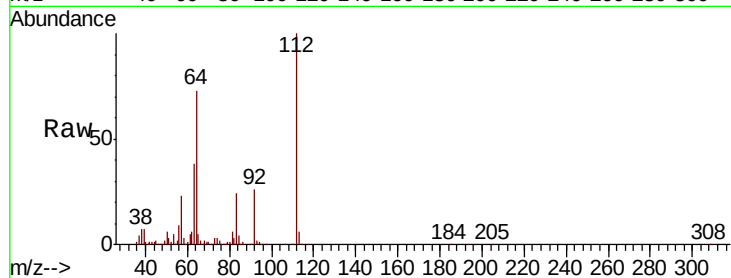
ClientSampleId :

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Tot Ion:	112	Resp:	511527
Ion Ratio	Lower	Upper	
112	100		
64	73.1	60.2	90.2
63	38.4	31.2	46.8

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#6

Aniline

Concen: 27.458 ng

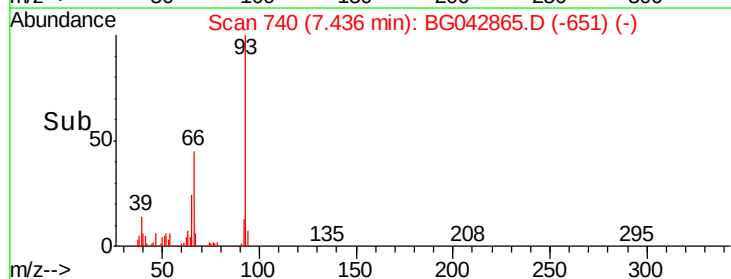
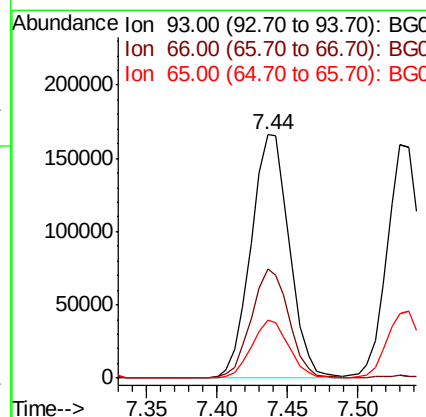
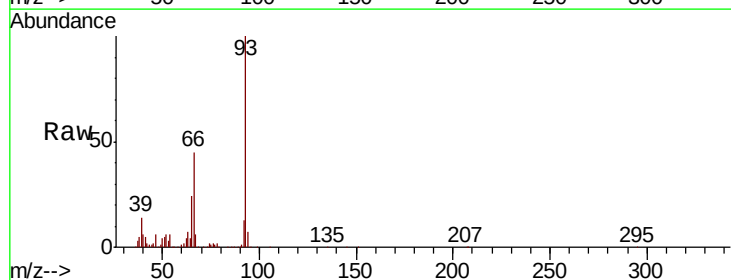
RT: 7.44 min Scan# 740

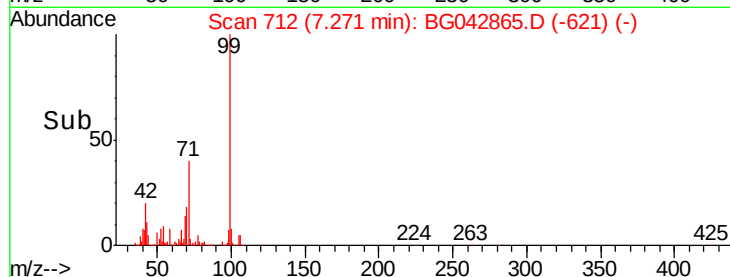
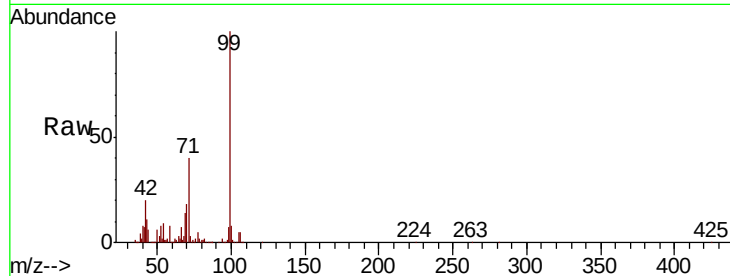
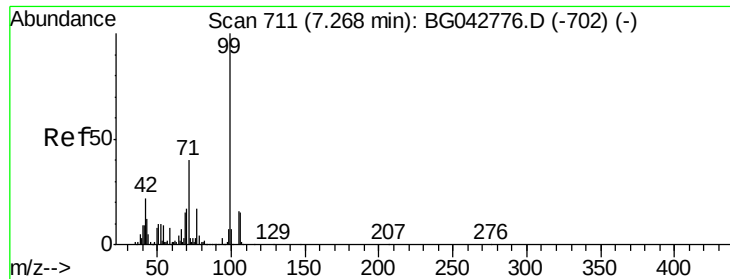
Delta R.T. -0.01 min

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Tgt Ion:	93	Resp:	316969
Ion Ratio	Lower	Upper	
93	100		
66	44.8	36.3	54.5
65	23.9	19.3	28.9





#7

Phenol-d6

Concen: 89.912 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Tot Ion:	99	Resp:	769289
Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.5	26.3
71	40.0	32.0	48.0

Instrument :

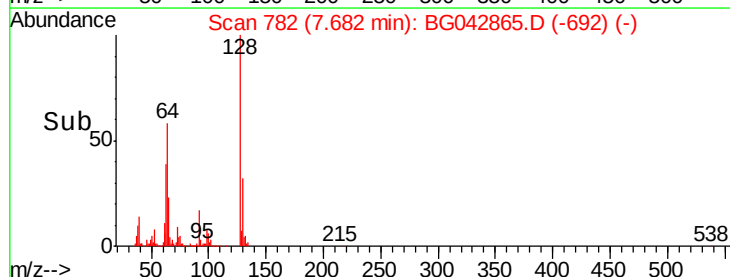
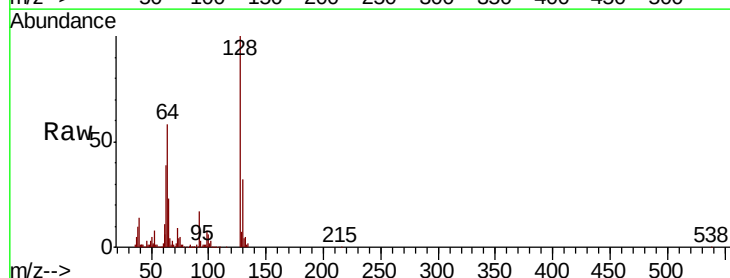
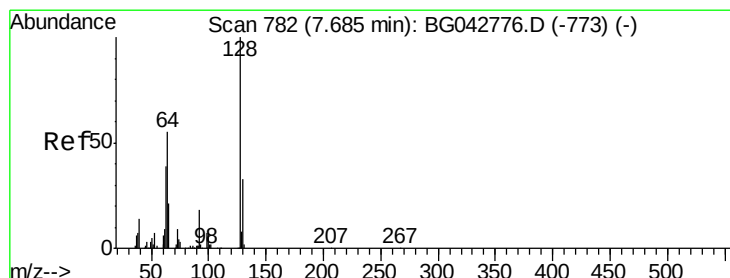
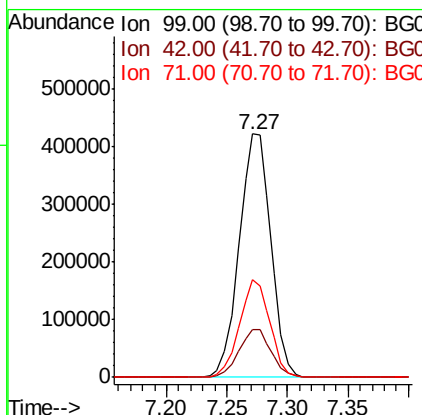
BNA_G

ClientSampleId :

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#8

2-Chlorophenol

Concen: 44.238 ng

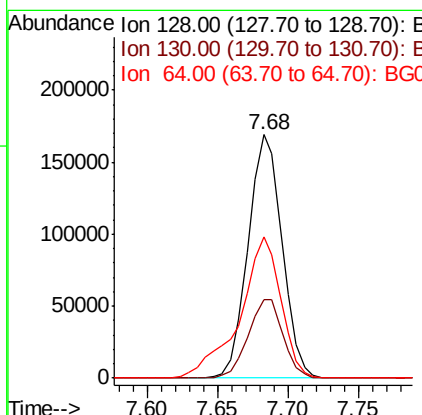
RT: 7.68 min Scan# 782

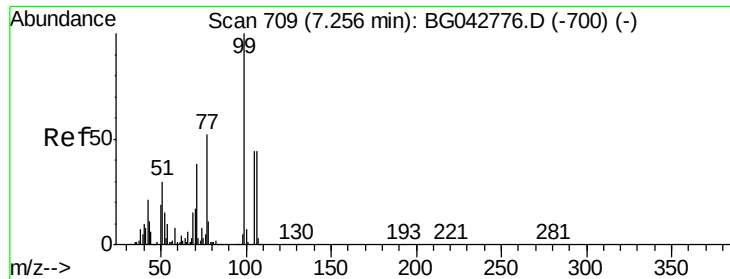
Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Tgt Ion:	128	Resp:	285048
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.8	52.8
64	58.1	36.8	76.8





#9

Benzaldehyde

Concen: 35.291 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

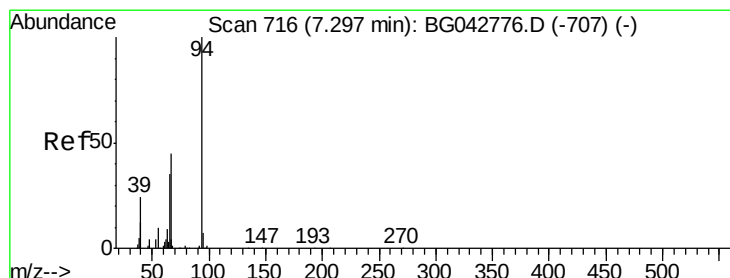
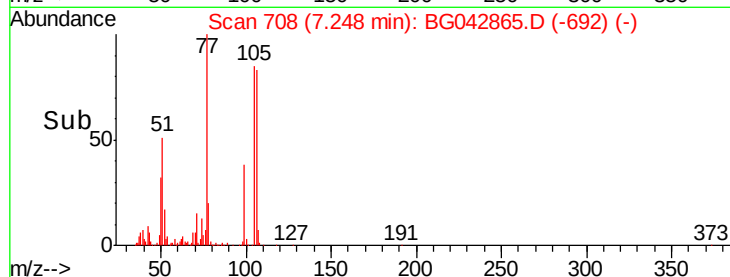
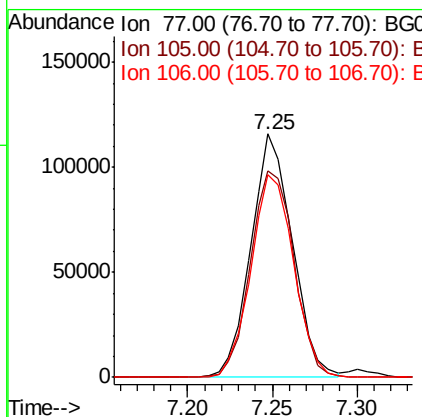
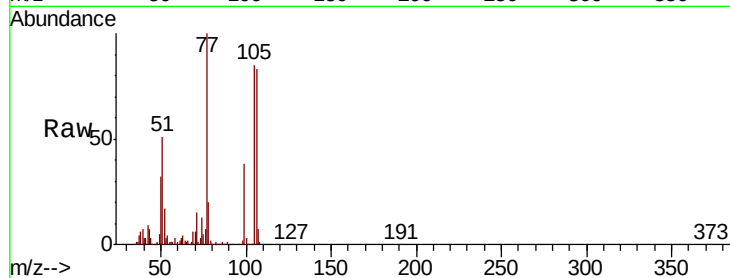
ClientSampleId :

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Tot Ion:	77	Resp:	196494
Ion	Ratio	Lower	Upper
77	100		
105	84.6	64.5	104.5
106	83.2	63.4	103.4

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#10

Phenol

Concen: 46.771 ng

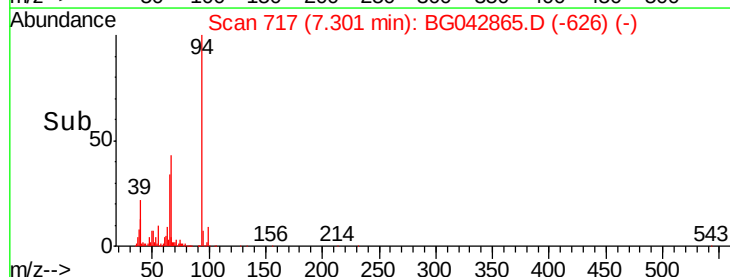
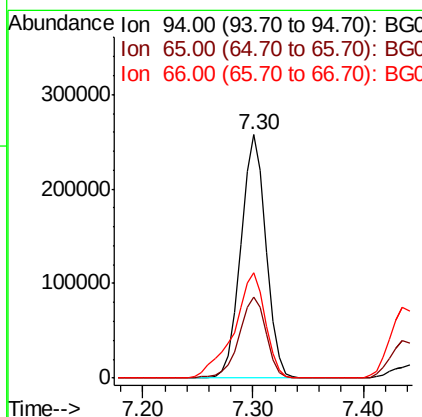
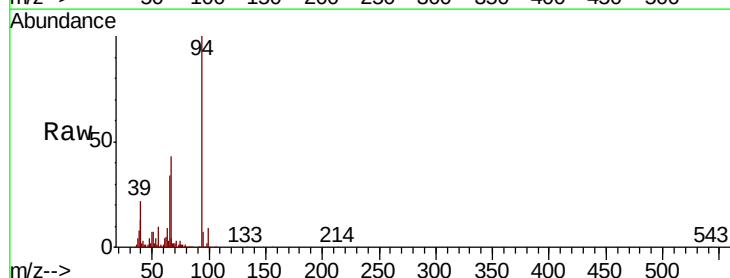
RT: 7.30 min Scan# 717

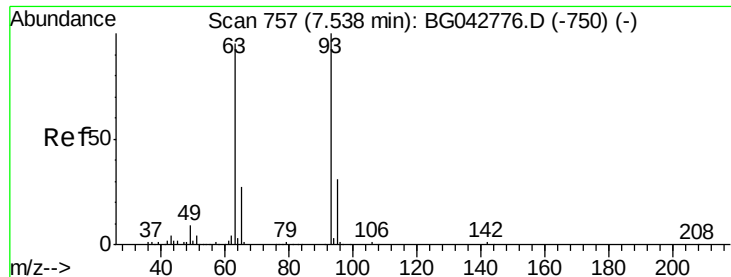
Delta R.T. 0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Tgt Ion:	94	Resp:	410389
Ion	Ratio	Lower	Upper
94	100		
65	33.5	15.0	55.0
66	43.1	26.1	66.1





#11

bis(2-Chloroethyl)ether

Concen: 39.577 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

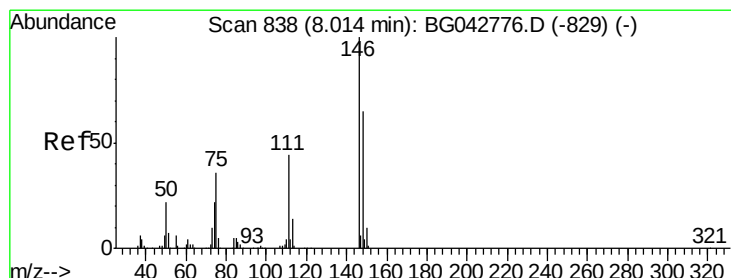
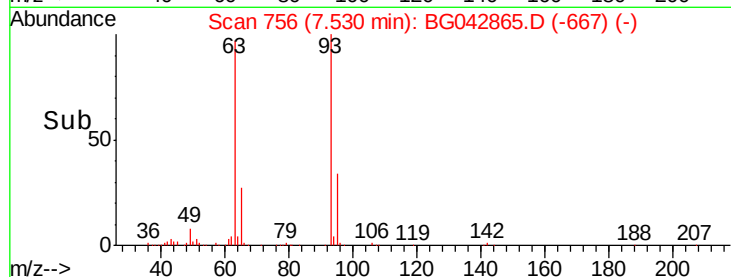
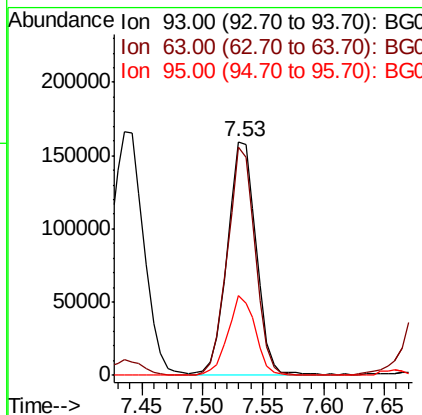
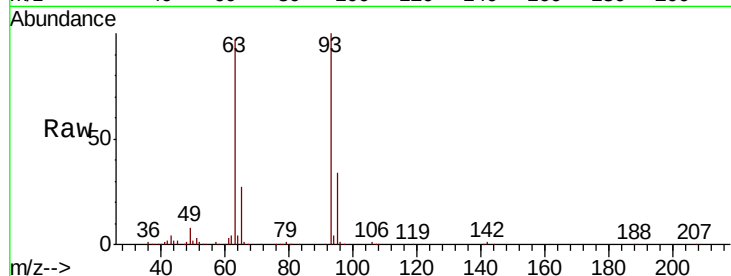
ClientSampleId :

SB-23-COMPMS

Tot Ion:	93	Resp:	266515
Ion	Ratio	Lower	Upper
93	100		
63	97.4	74.7	114.7
95	34.2	11.1	51.1

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 38.667 ng

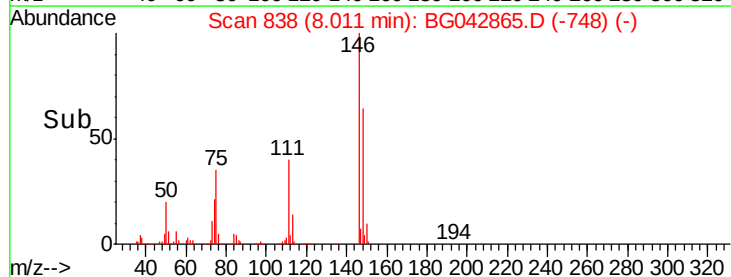
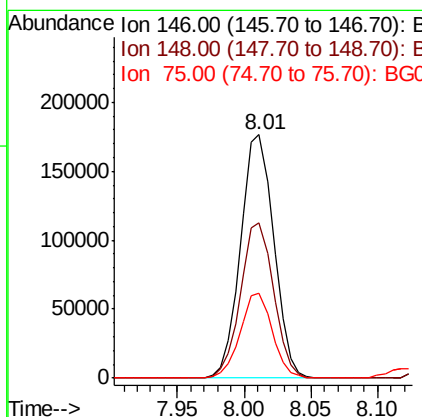
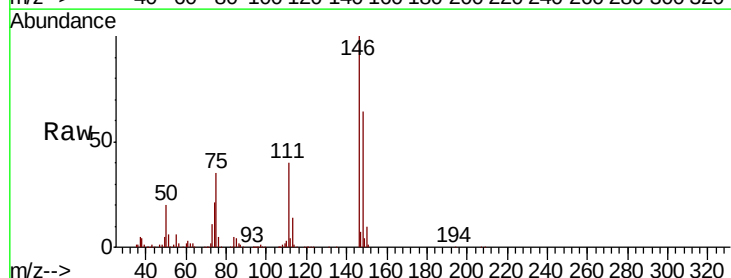
RT: 8.01 min Scan# 838

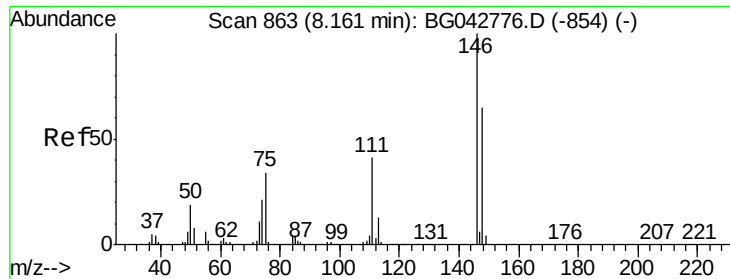
Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Tgt Ion:	146	Resp:	303889
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
75	34.8	28.4	42.6





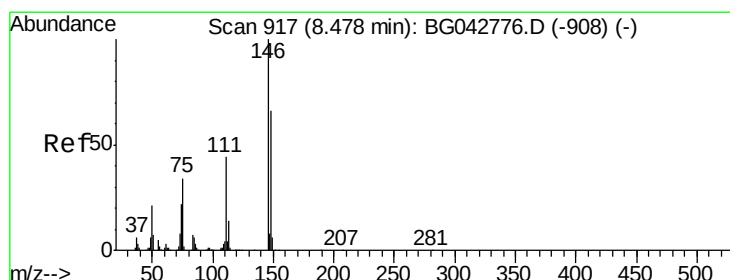
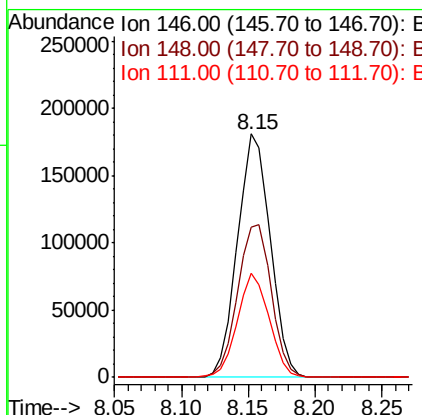
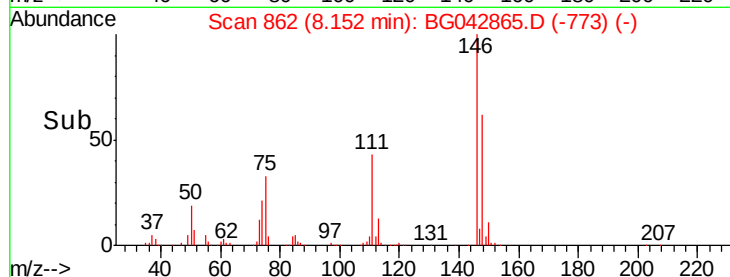
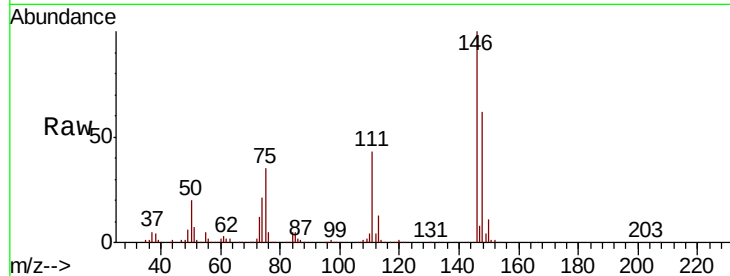
#13
 1,4-Dichlorobenzene
 Concen: 39.123 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		307835		
148	61.9	52.2	78.4		
111	42.5	32.6	49.0		

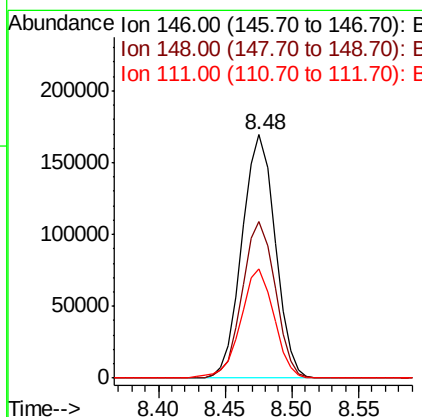
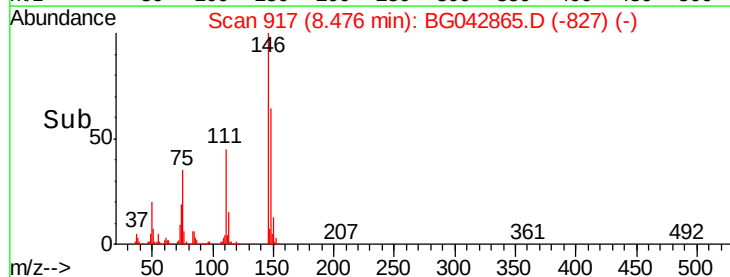
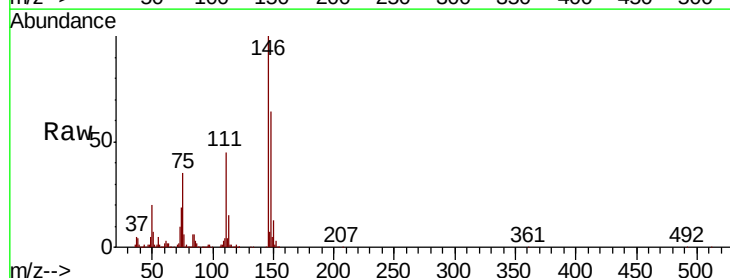
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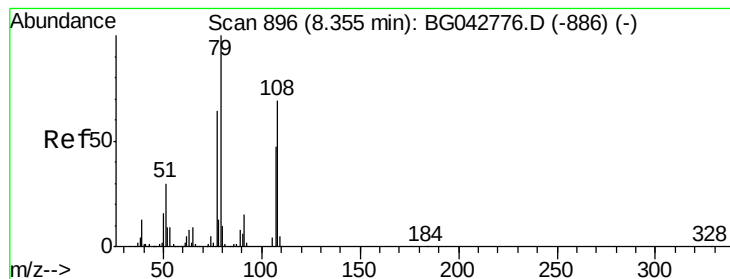
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.928 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		291568		
148	64.4	52.6	78.8		
111	44.7	35.3	52.9		





#15

Benzyl Alcohol

Concen: 40.647 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

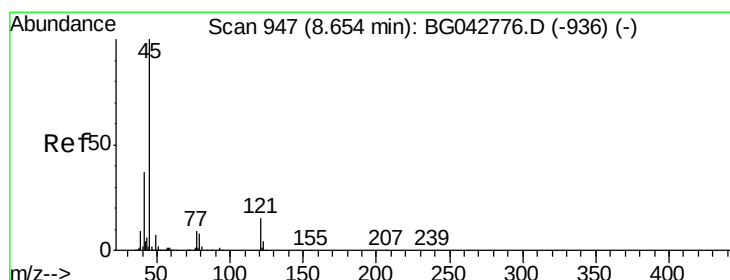
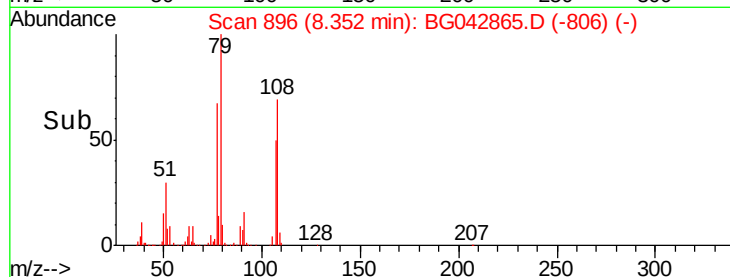
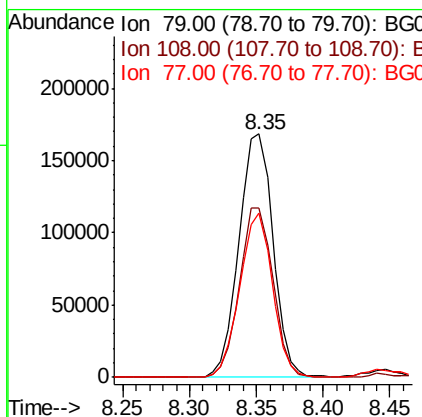
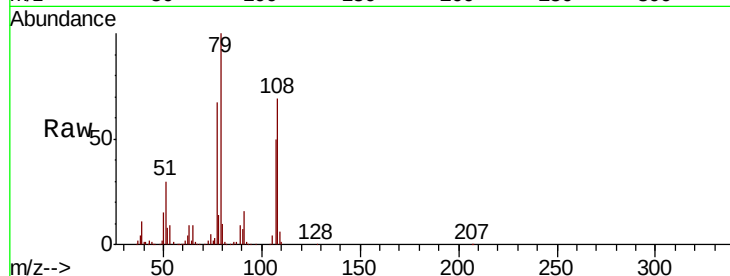
ClientSampleId :

SB-23-COMPMS

Tot Ion	79	Resp	298460
Ion Ratio	Lower	Upper	
79	100		
108	69.4	54.9	82.3
77	67.3	51.0	76.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.125 ng

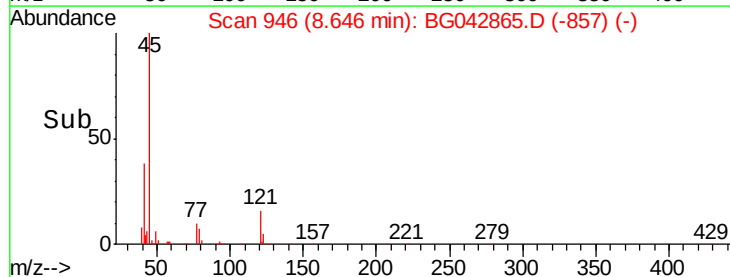
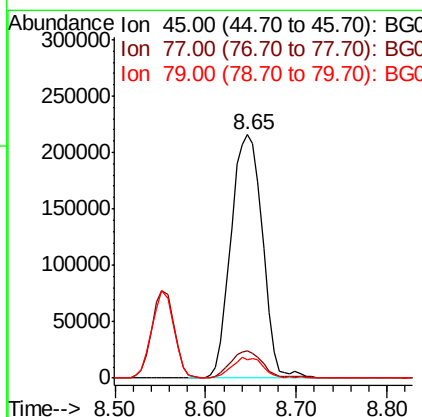
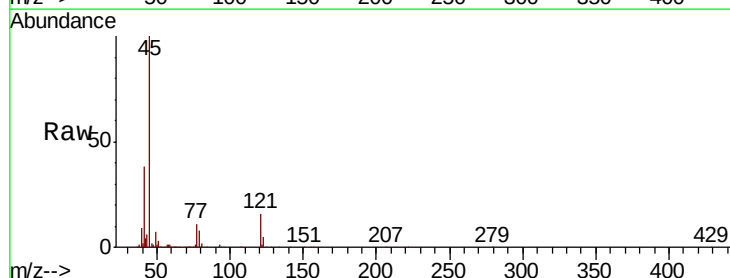
RT: 8.65 min Scan# 946

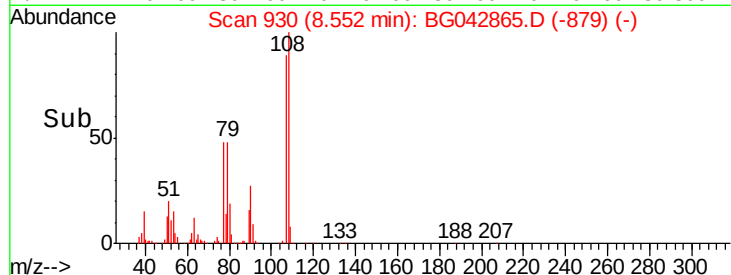
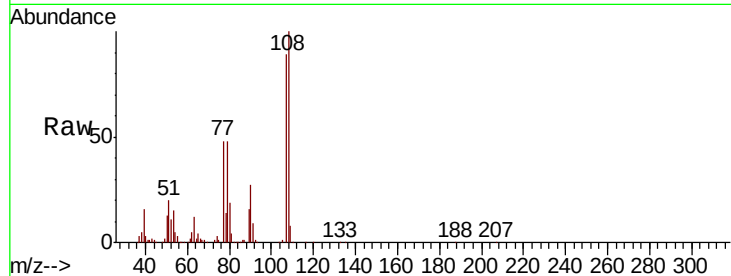
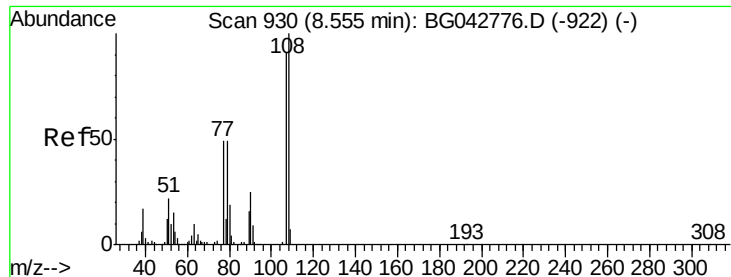
Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Tgt Ion	45	Resp	519435
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	29.4
79	7.6	0.0	28.4





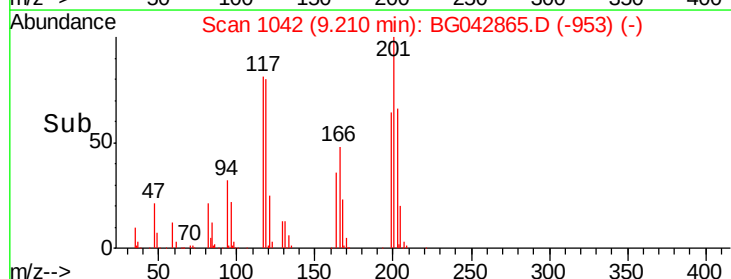
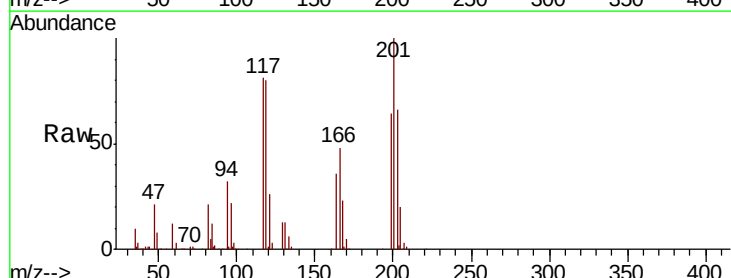
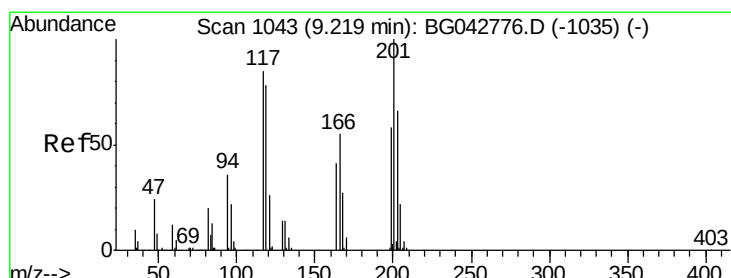
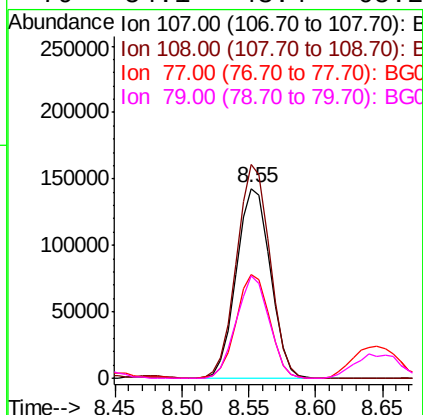
#17
2-Methylphenol
Concen: 42.838 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	87.7	131.5	
77	54.6	42.6	64.0	
79	54.1	43.4	65.2	

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

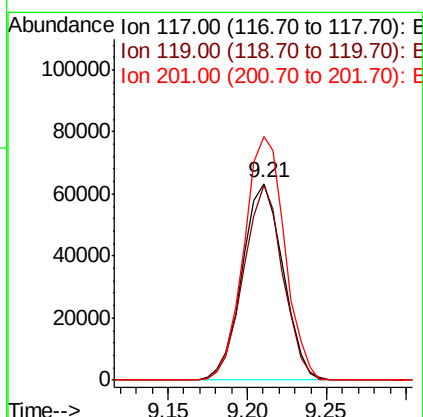
Manual Integrations
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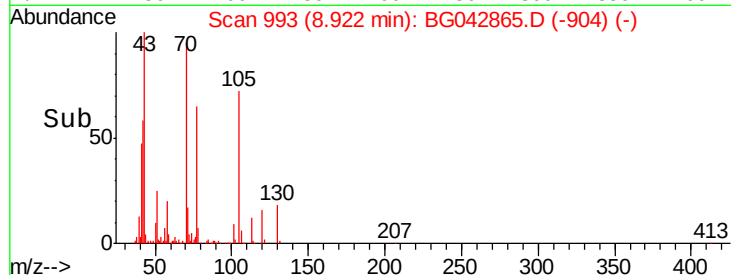
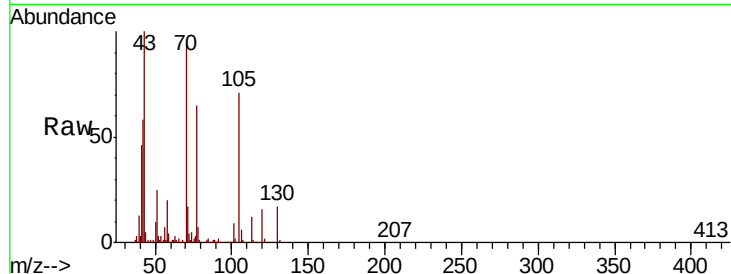
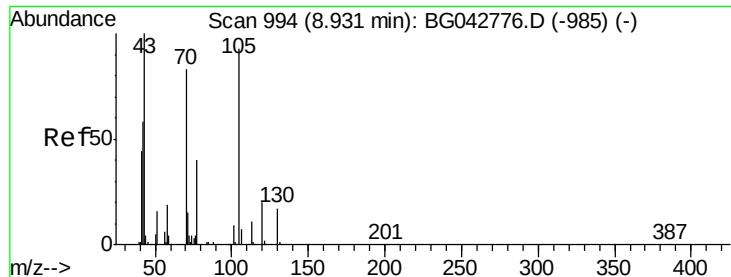
mohammad
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#18
Hexachloroethane
Concen: 39.042 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.2	73.8	110.8	
201	124.0	94.6	142.0	





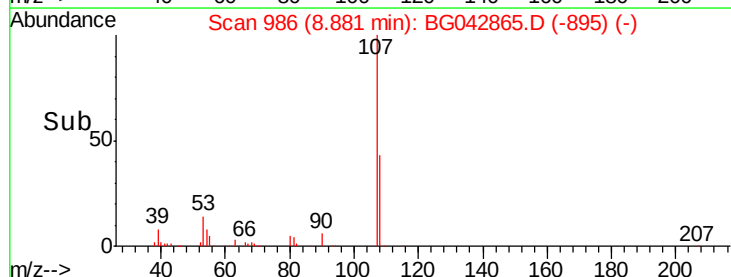
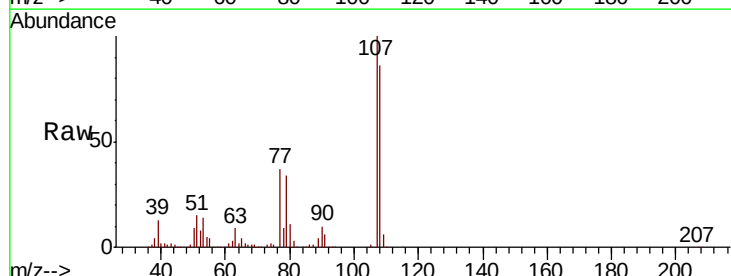
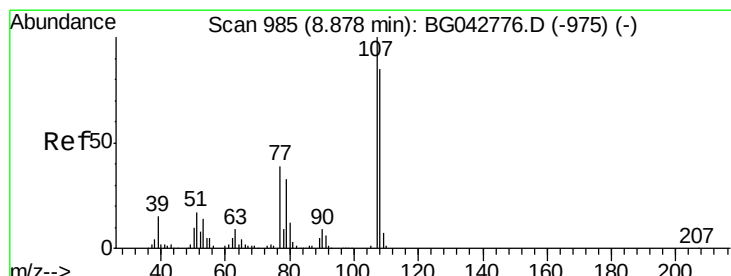
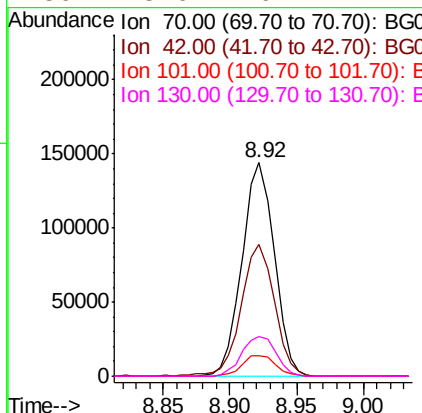
#19
n-Nitroso-di-n-propylamine
Concen: 38.339 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		241711		
42	61.5	57.0	85.6		
101	9.6	8.4	12.6		
130	18.6	16.1	24.1		

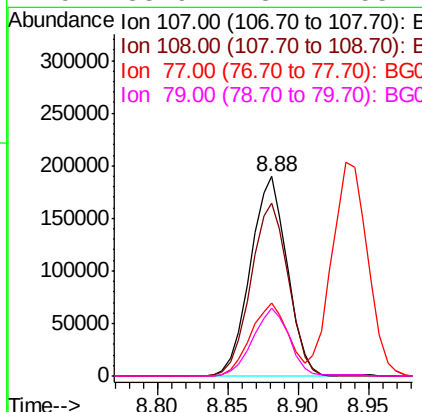
Manual Integrations
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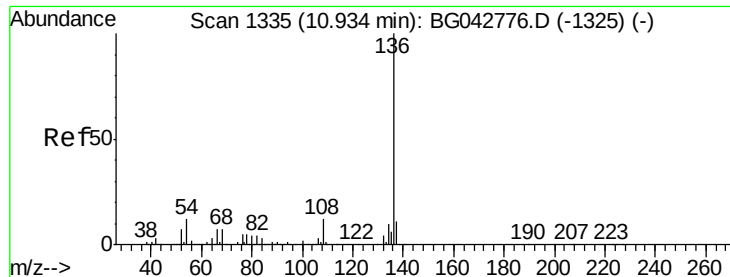
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#20
3+4-Methylphenols
Concen: 43.023 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		348139		
108	86.3	65.4	105.4		
77	36.6	18.7	58.7		
79	33.9	13.7	53.7		





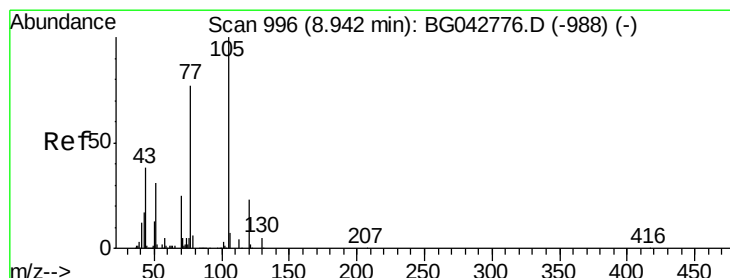
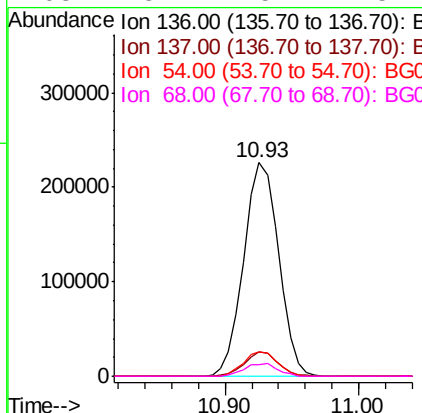
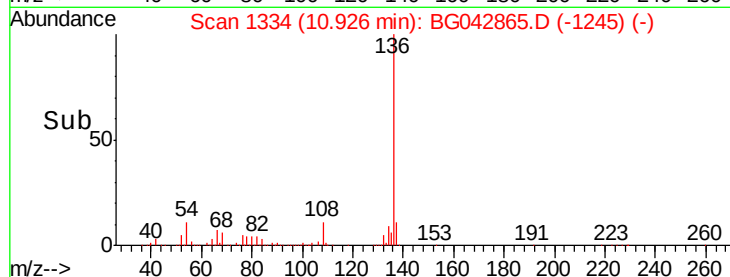
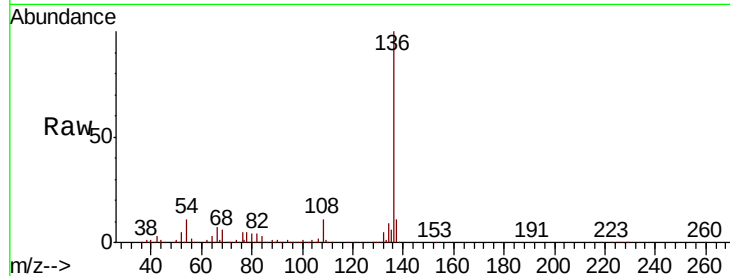
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		410085		
137	11.4	9.0	13.6		
54	11.1	9.4	14.0		
68	5.7	5.4	8.2		

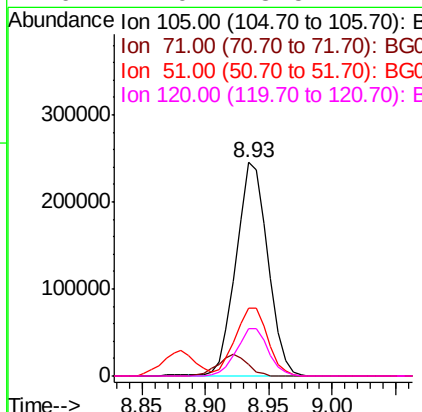
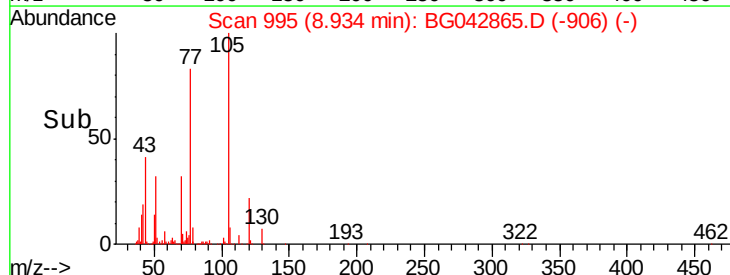
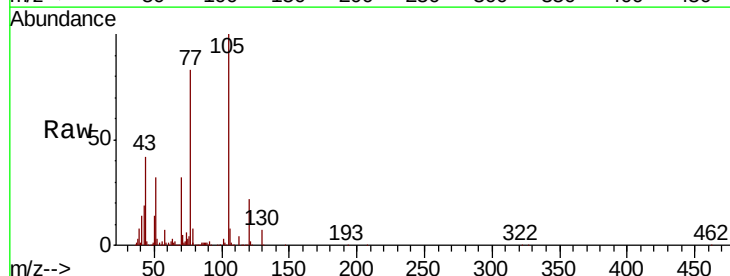
Manual Integrations
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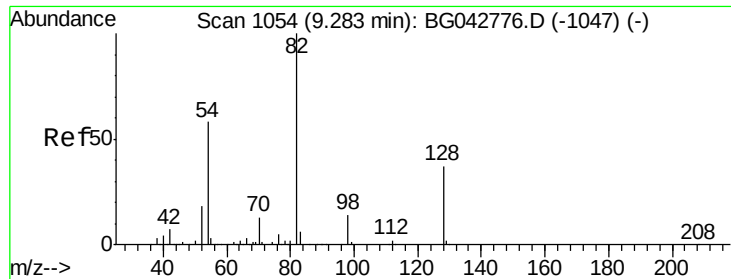
mohammad
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#22
Acetophenone
Concen: 41.147 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		426149		
71	5.1	3.7	5.5		
51	31.7	28.8	43.2		
120	22.0	18.5	27.7		





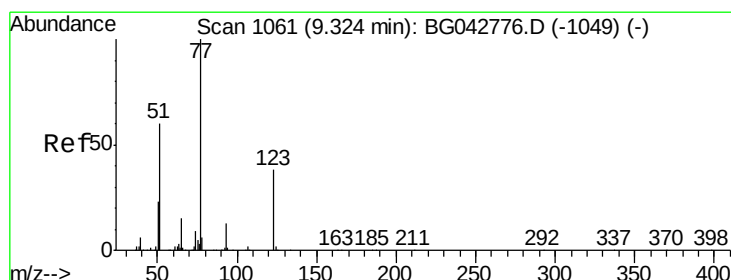
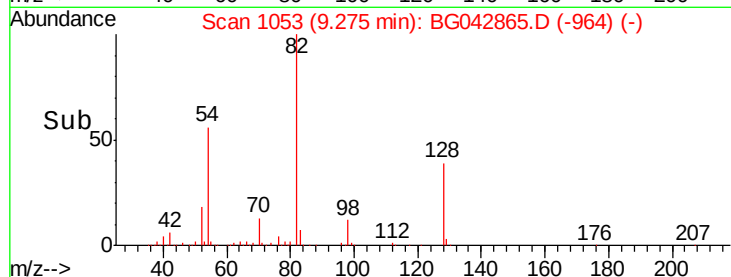
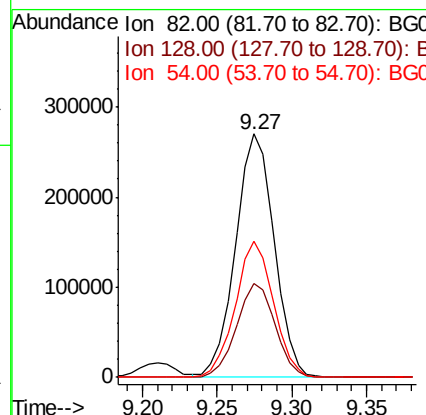
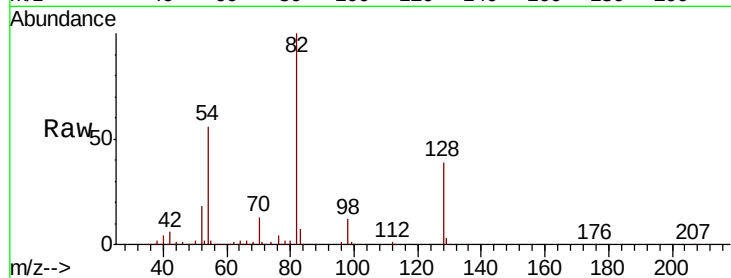
#23
Nitrobenzene-d5
Concen: 61.601 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	485220		
128	38.6	29.8	44.8	
54	56.1	46.1	69.1	

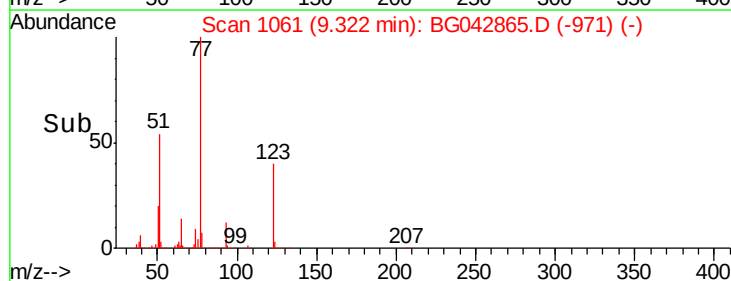
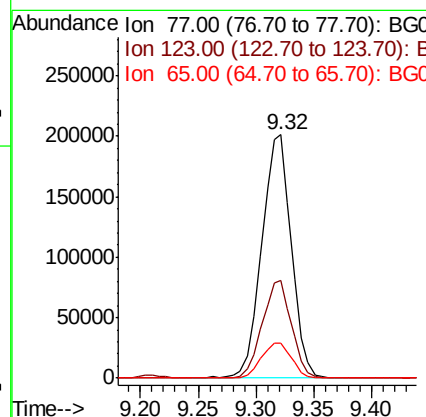
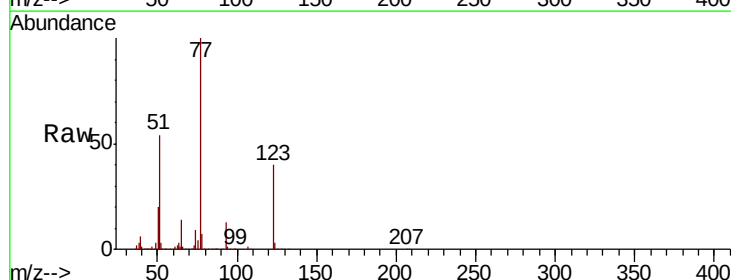
Manual Integrations
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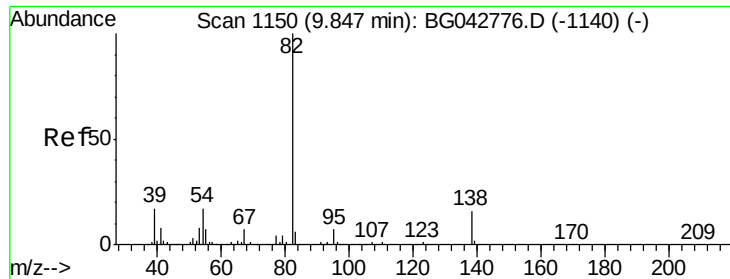
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#24
Nitrobenzene
Concen: 43.454 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	359273		
123	40.2	30.7	46.1	
65	14.5	12.2	18.4	





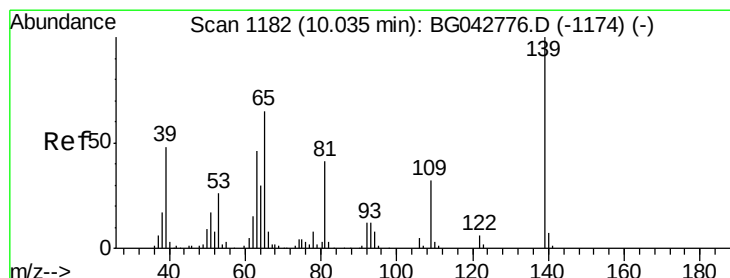
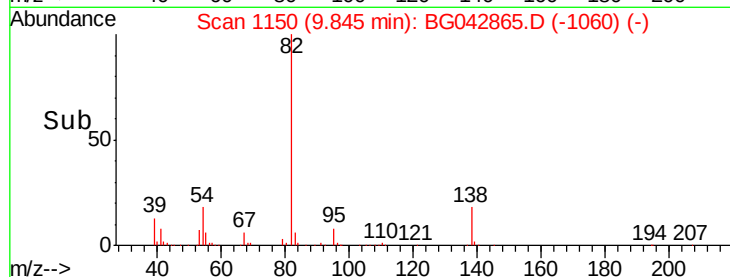
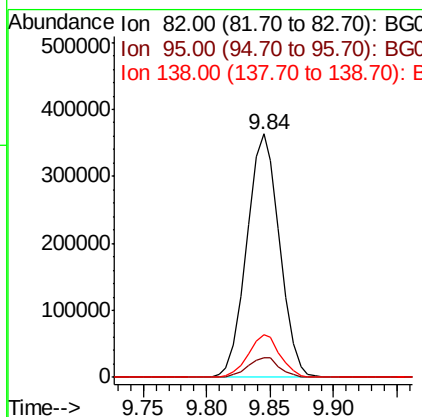
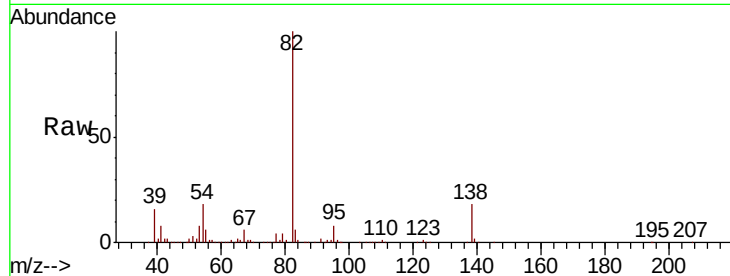
#25
Isophorone
Concen: 39.708 ng
RT: 9.84 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	651951		
95	8.1		5.8	8.8
138	17.6		12.9	19.3

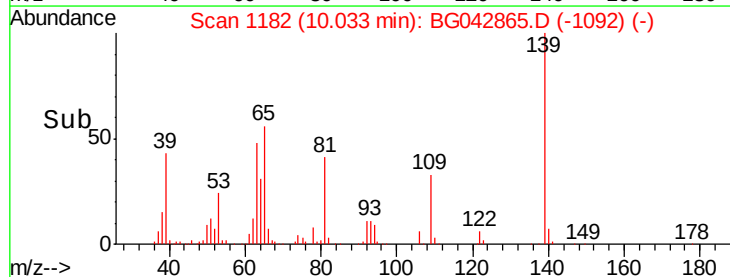
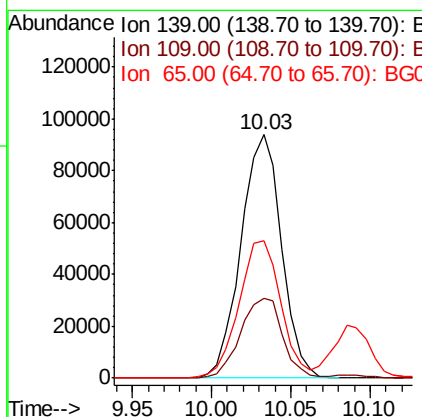
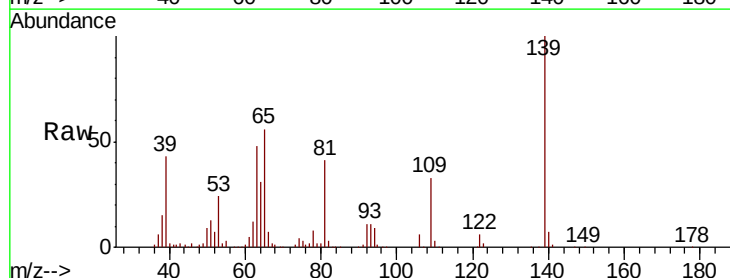
Manual Integrations
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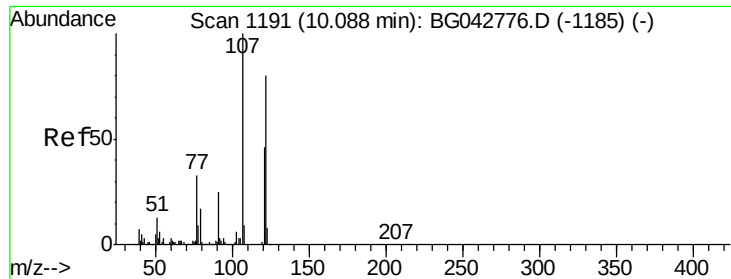
mohammad
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#26
2-Nitrophenol
Concen: 51.326 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	166869		
109	32.7		25.8	38.8
65	56.2		52.2	78.2





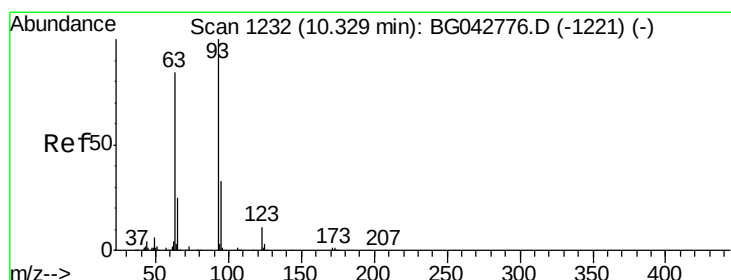
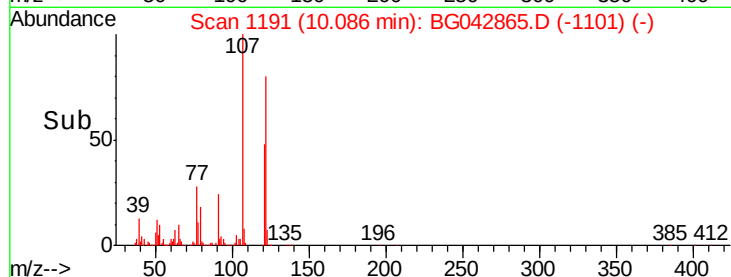
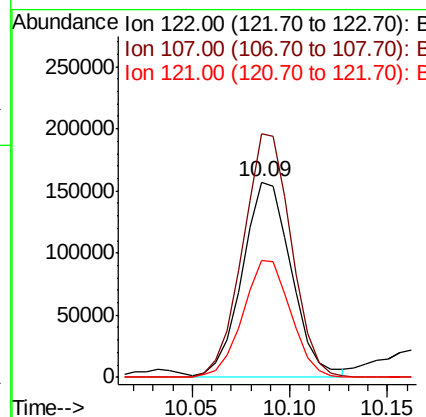
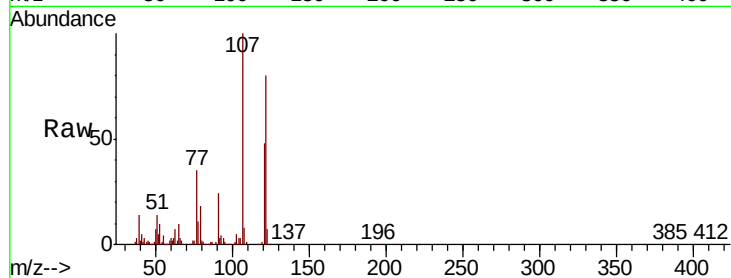
#27
2,4-Dimethylphenol
Concen: 47.520 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	273285		
107	124.9	98.9	148.3	
121	60.1	46.2	69.2	

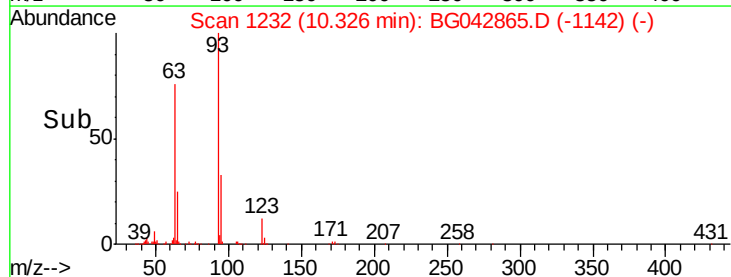
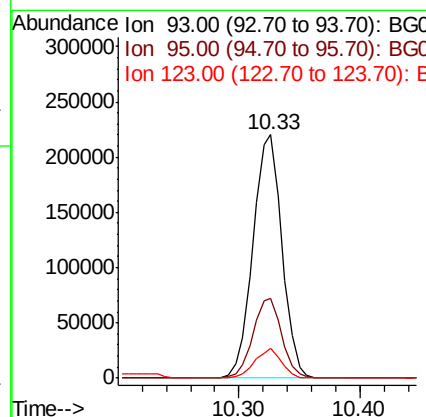
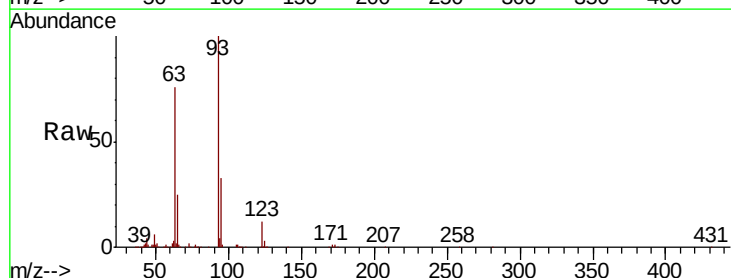
Manual Integrations
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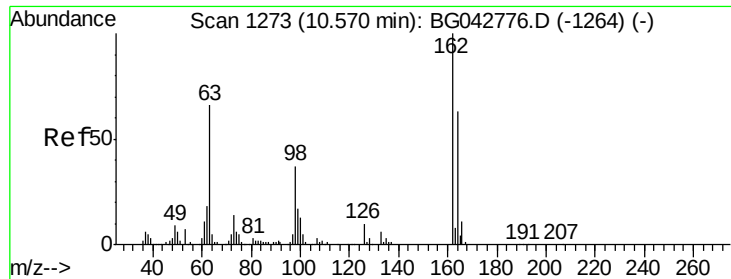
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.135 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	367486		
95	32.7	26.6	40.0	
123	12.0	9.0	13.6	





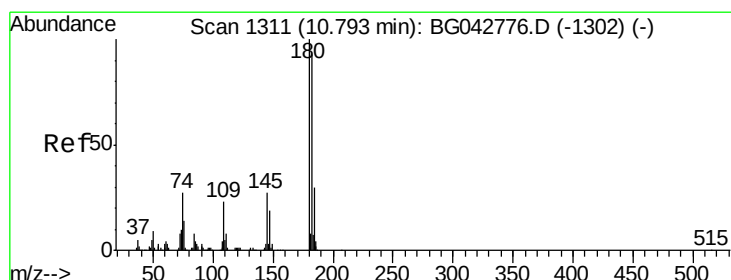
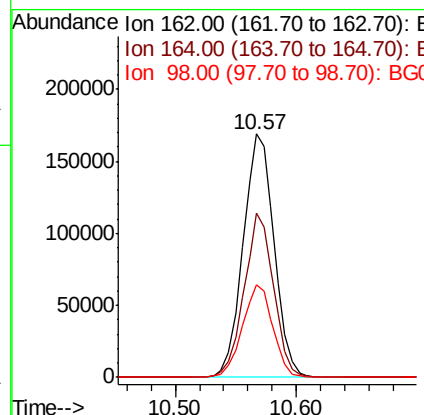
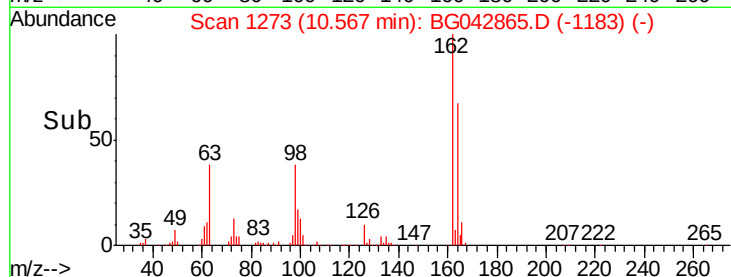
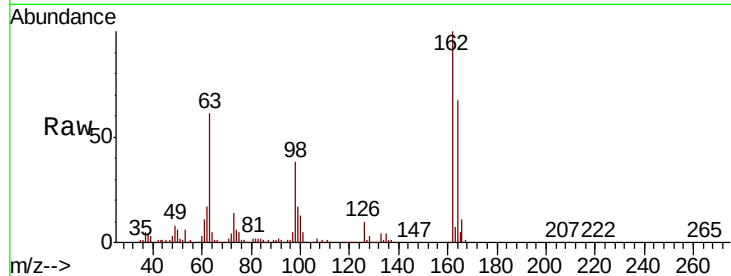
#29
 2,4-Dichlorophenol
 Concen: 45.065 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	67.3	43.4	83.4
98	38.2	17.0	57.0

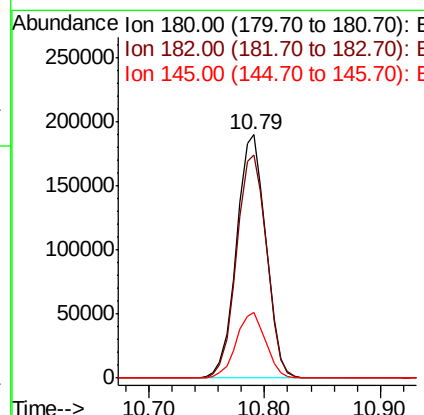
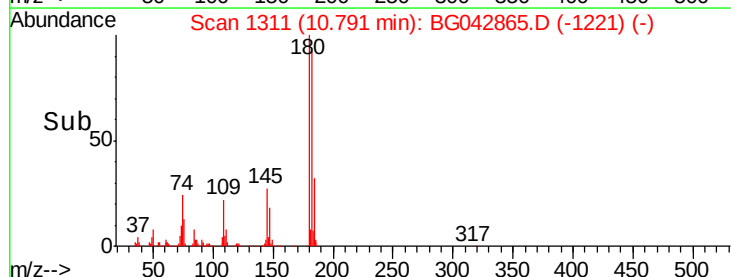
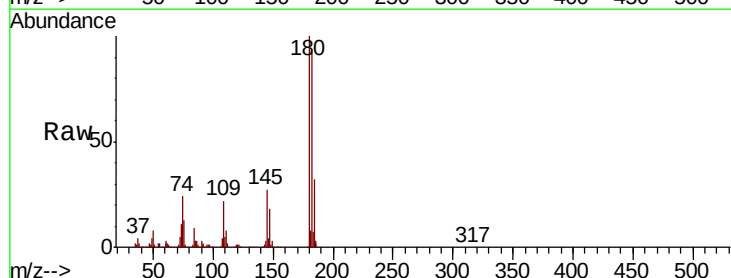
Manual Integrations
 APPROVED

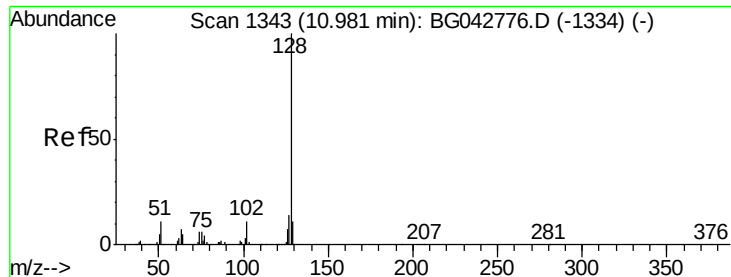
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.999 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	91.9	74.6	112.0
145	26.8	21.8	32.6





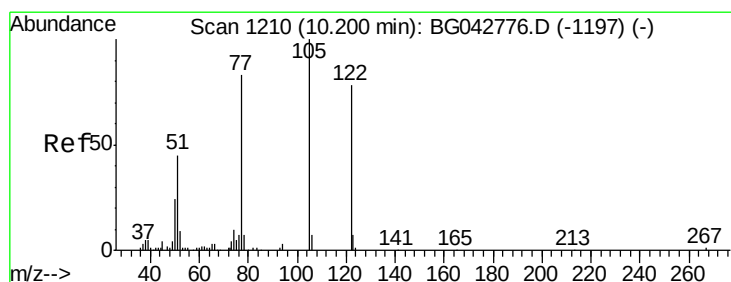
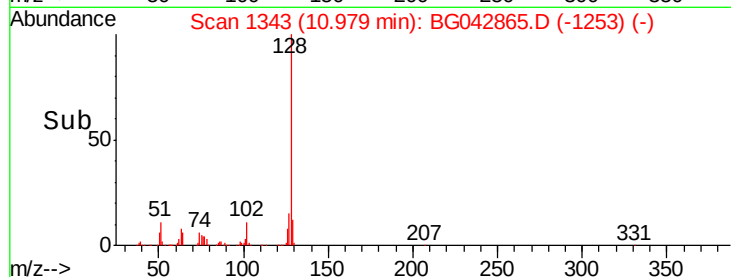
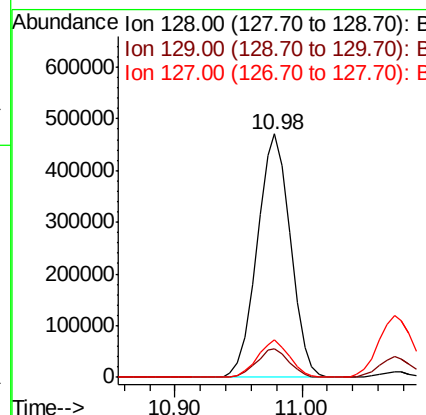
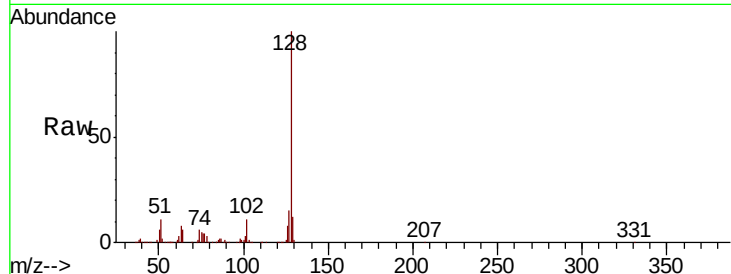
#31
Naphthalene
Concen: 42.312 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.6	9.0	13.6	
127	15.3	11.4	17.2	

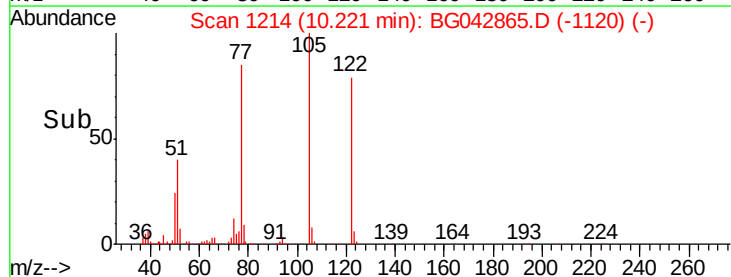
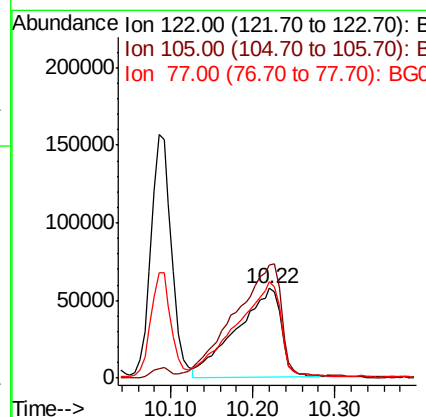
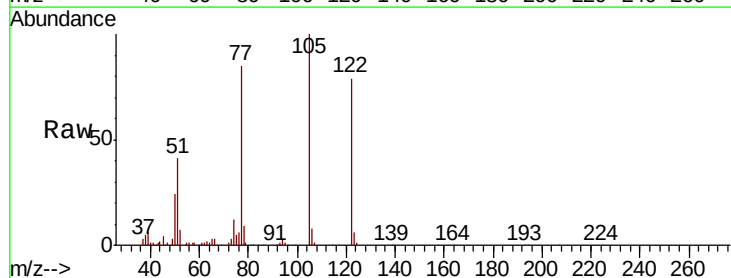
Manual Integrations
APPROVED

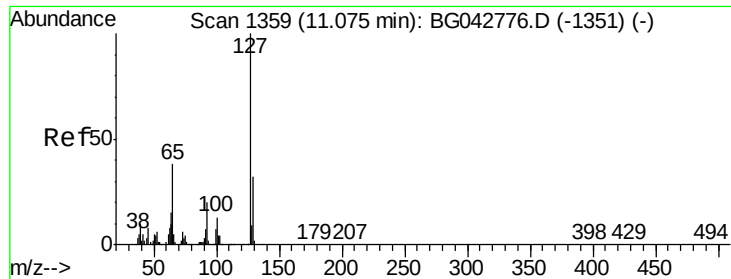
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#32
Benzoic acid
Concen: 47.085 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	126.5	104.0	144.0	
77	107.3	84.2	124.2	





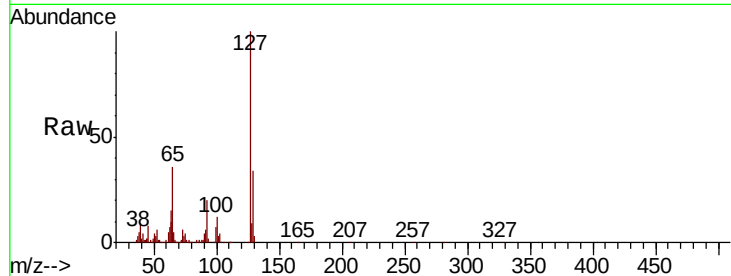
#33
4-Chloroaniline
Concen: 24.029 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		227404		
129	34.0	25.8	38.6		
65	36.4	30.5	45.7		
92	20.3	15.9	23.9		

Manual Integrations
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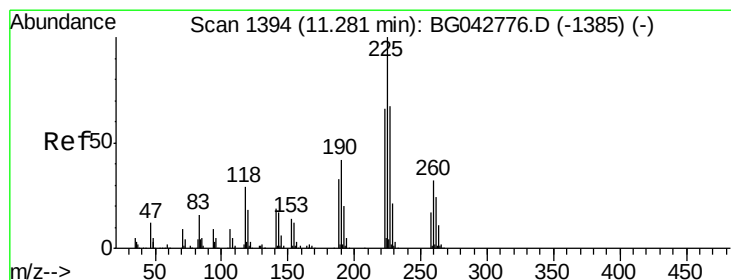
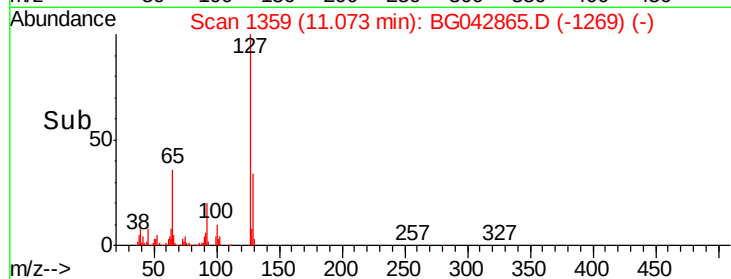
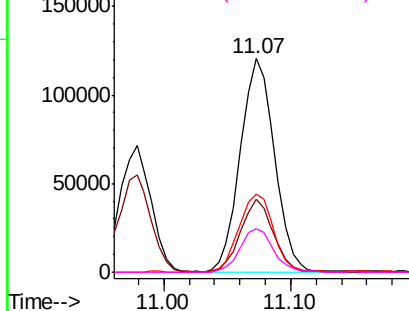
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

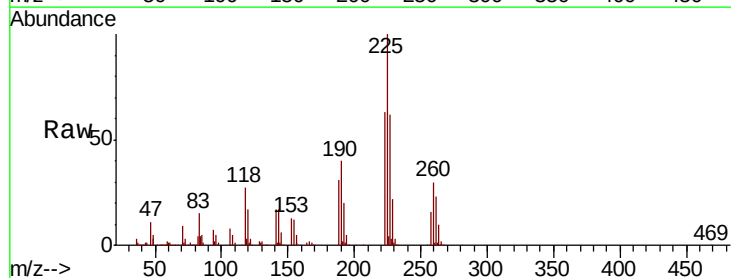
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 38.212 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		218451		
223	62.8	52.6	79.0		
227	61.6	53.6	80.4		

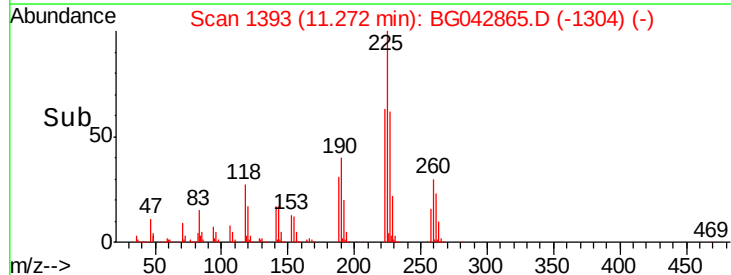
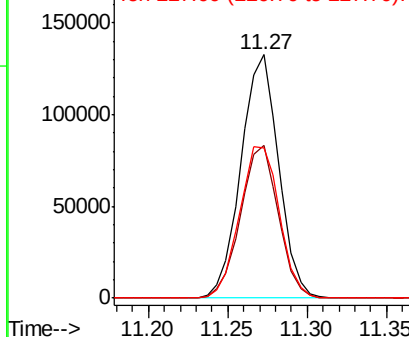


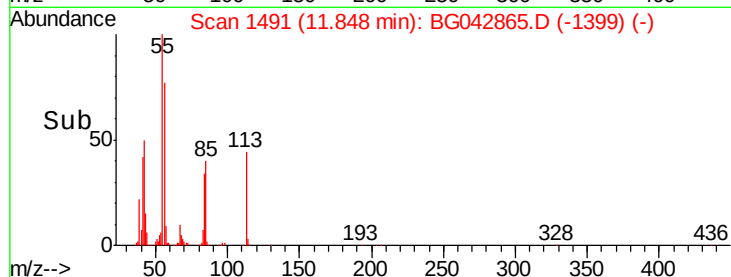
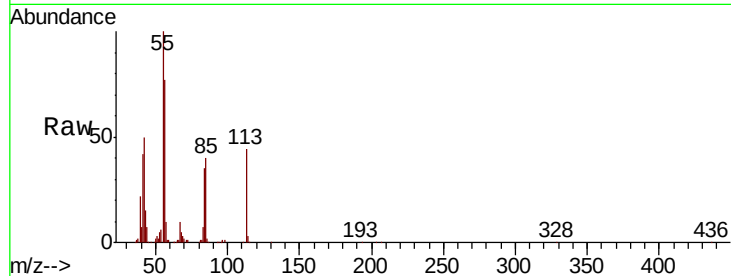
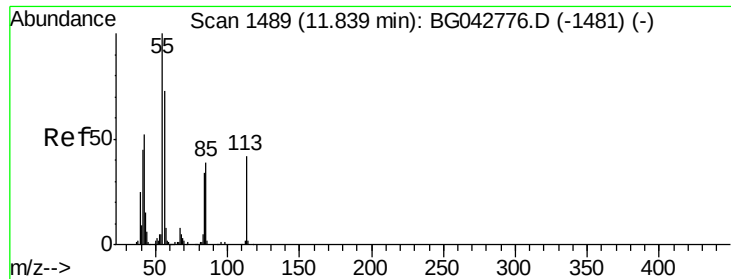
Abundance

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





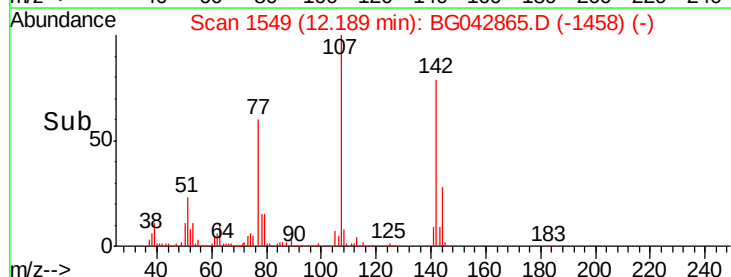
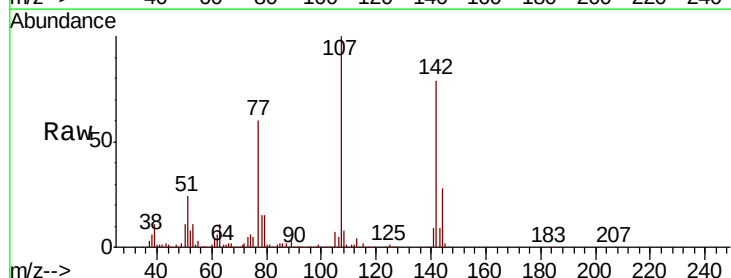
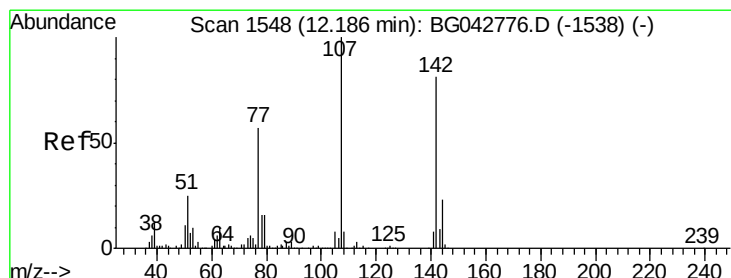
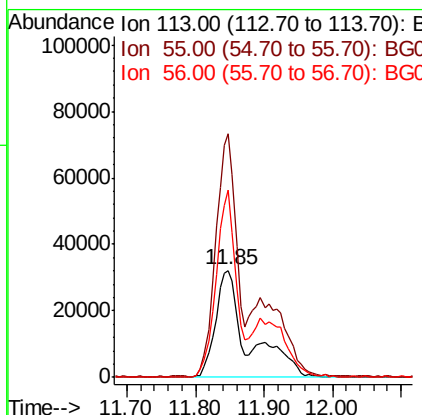
#35
Caprolactam
Concen: 43.007 ng/ml
RT: 11.85 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	227.5	218.4	258.4
56	174.5	154.8	194.8

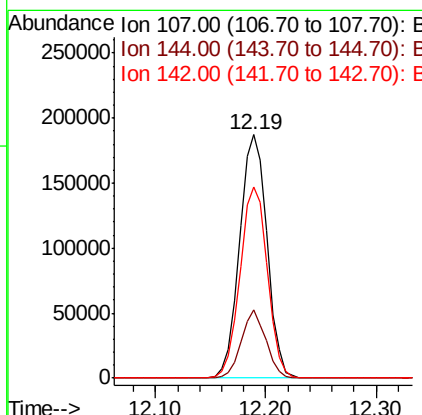
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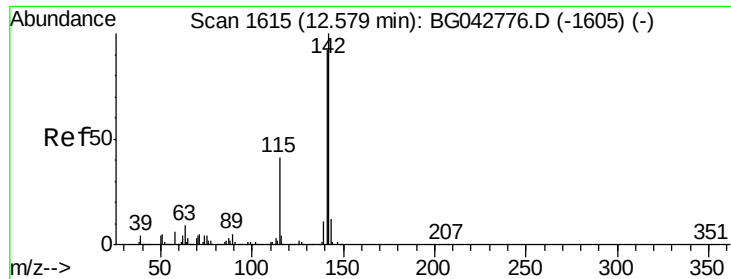
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#36
4-Chloro-3-methylphenol
Concen: 45.110 ng/ml
RT: 12.19 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	18.7	28.1
142	78.6	65.0	97.4





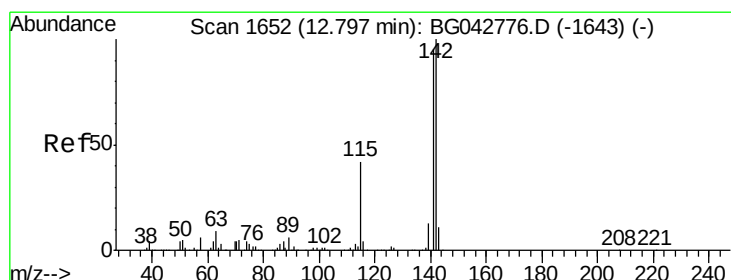
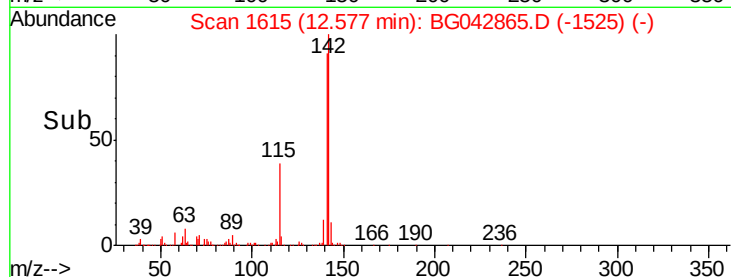
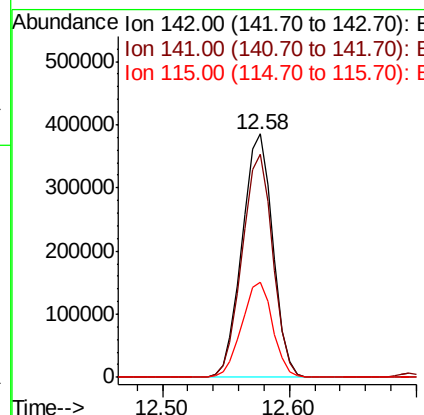
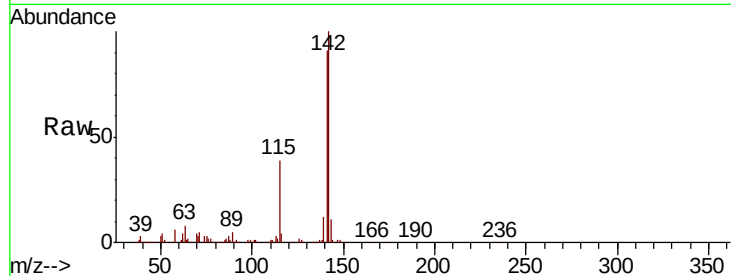
#37
2-Methylnaphthalene
Concen: 42.692 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampled :
SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	647511		
141	91.4	73.8	110.8	
115	39.3	33.0	49.4	

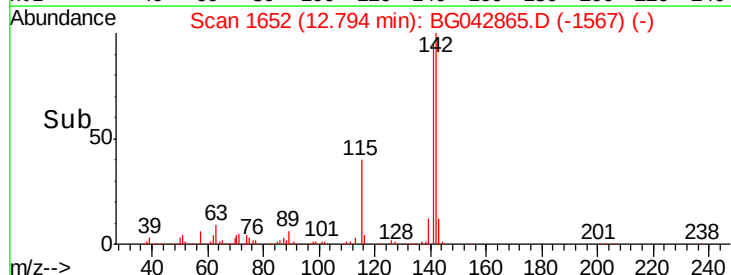
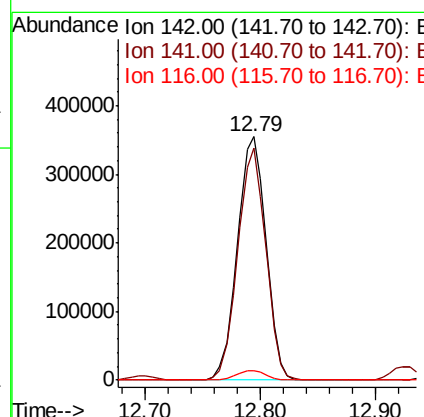
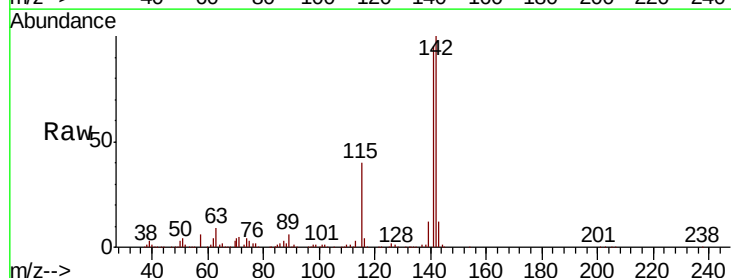
Manual Integrations
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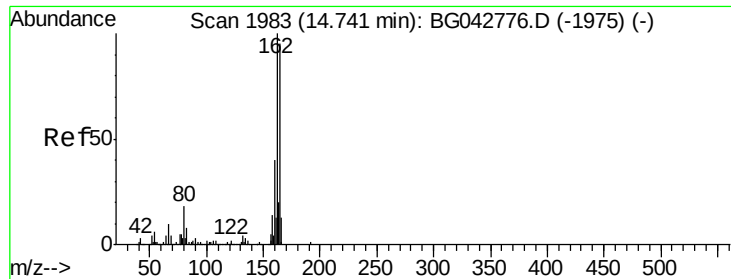
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#38
1-Methylnaphthalene
Concen: 42.611 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	606154		
141	95.1	76.3	114.5	
116	4.1	3.4	5.0	





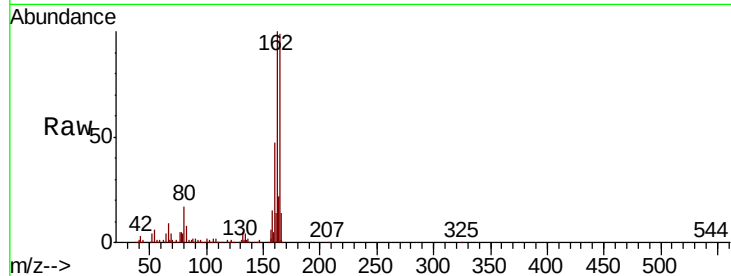
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	280495		
162	100.5	84.6	126.8	
160	47.1	34.2	51.2	

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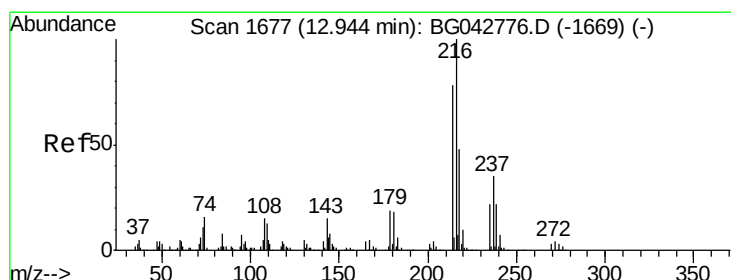
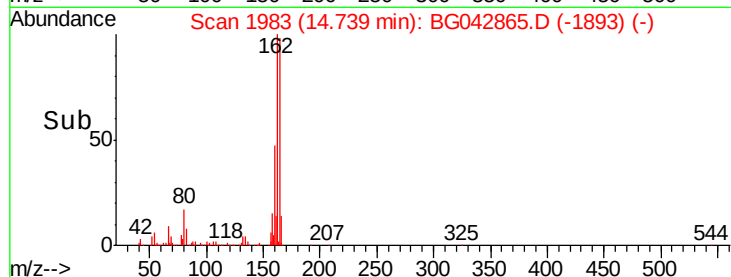
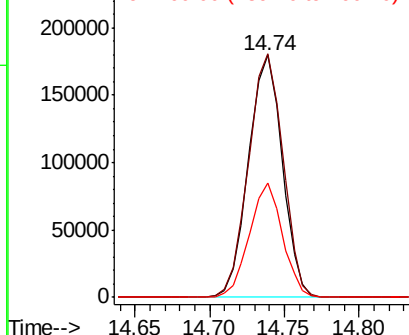


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.827 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	396953		
214	79.9	62.8	94.2	
179	20.5	15.3	22.9	
108	16.9	12.9	19.3	

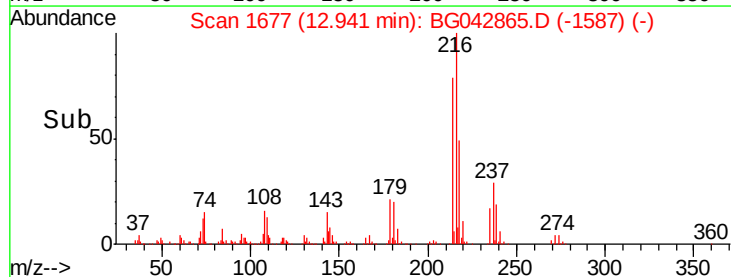
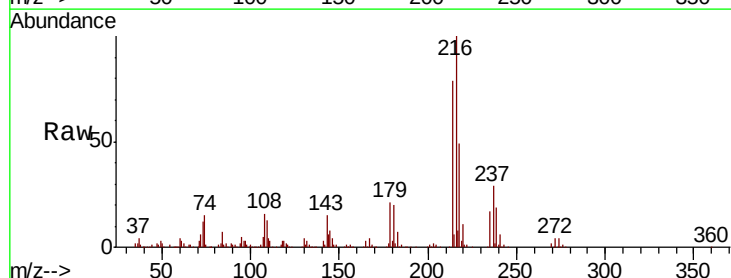
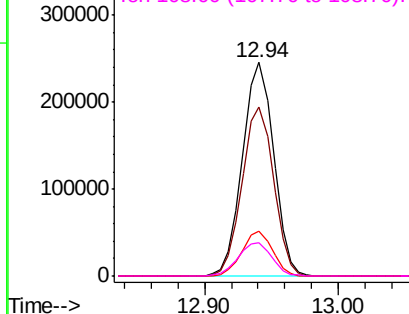
Abundance

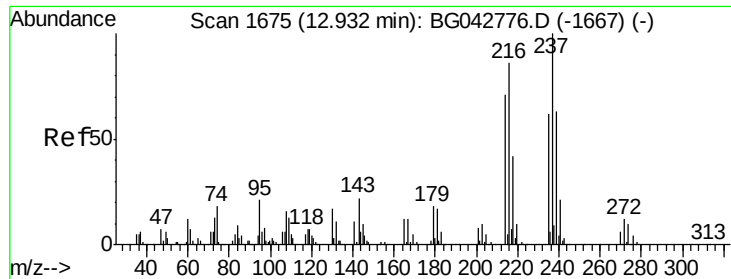
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 61.726 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

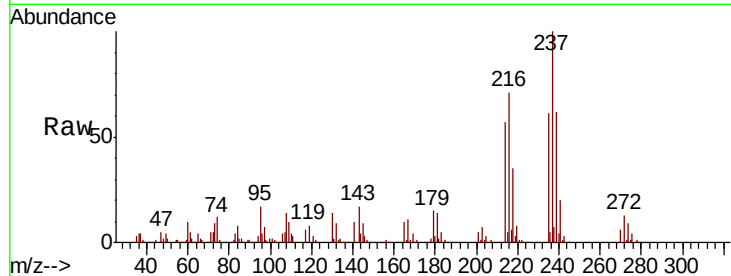
ClientSampleId :

SB-23-COMPMS

Tot Ion:	237	Resp:	327756
Ion Ratio	Lower	Upper	
237	100		
235	61.4	41.9	81.9
272	12.5	0.0	31.6

Manual Integrations
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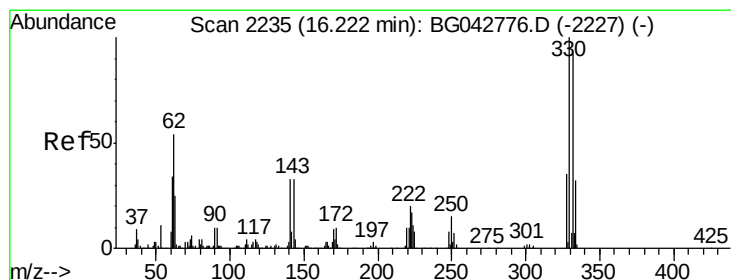
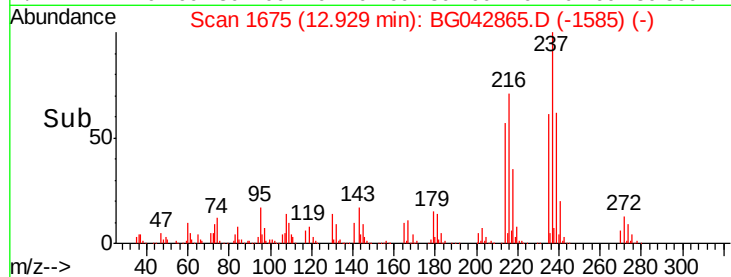
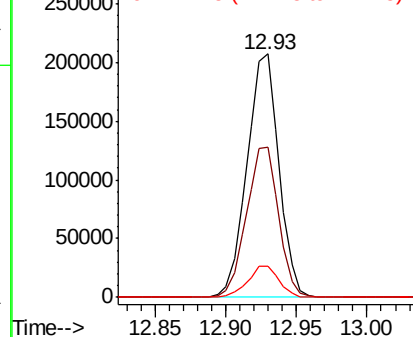


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 87.381 ng

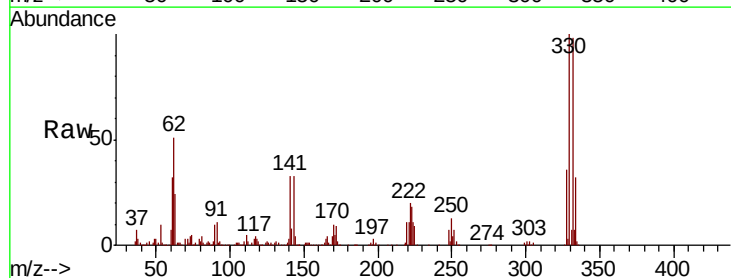
RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Tgt Ion:	330	Resp:	326086
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.7	115.1
141	33.5	27.0	40.6

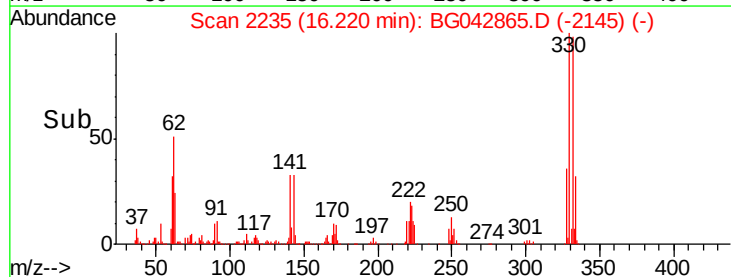
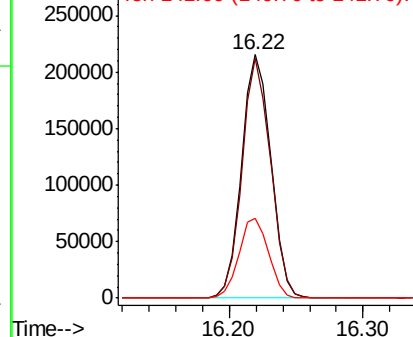


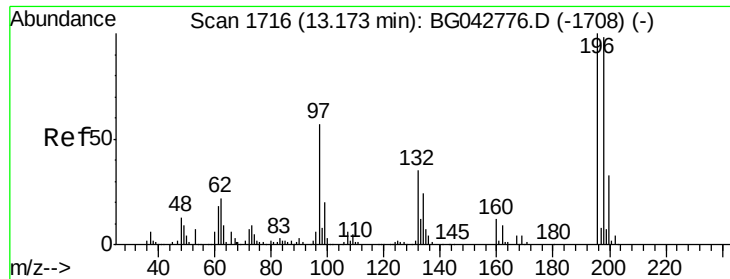
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





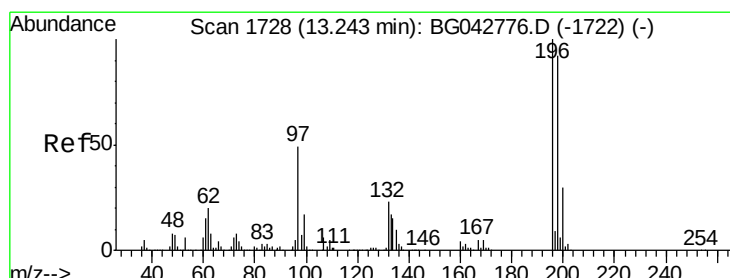
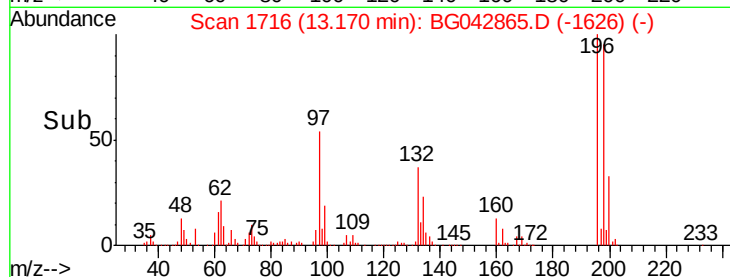
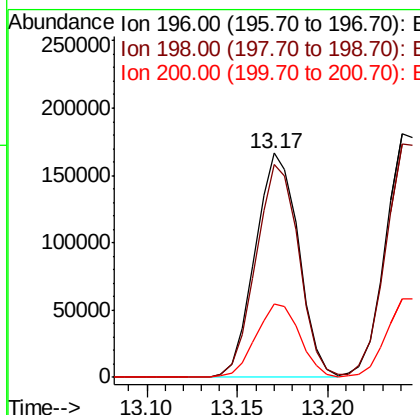
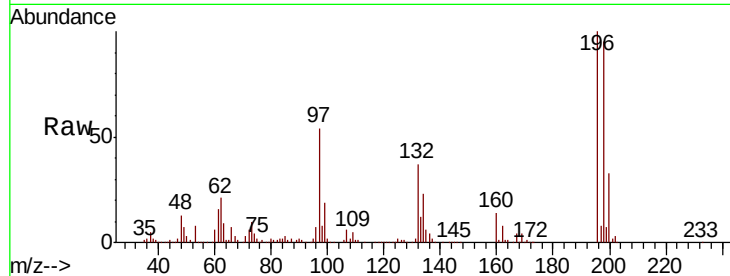
#43
 2,4,6-Trichlorophenol
 Concen: 44.864 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion:	196	Resp:	276847
Ion Ratio	Lower	Upper	
196	100		
198	94.9	78.8	118.2
200	32.9	26.2	39.4

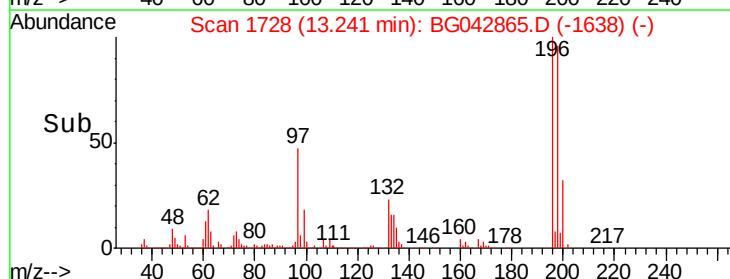
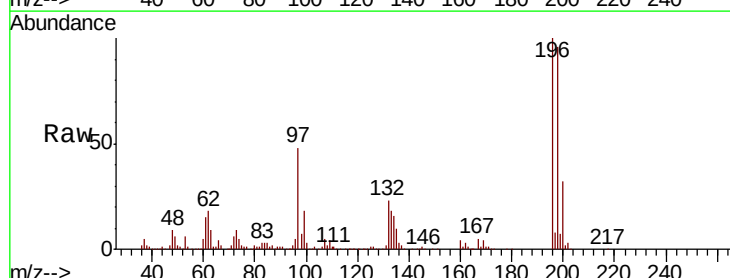
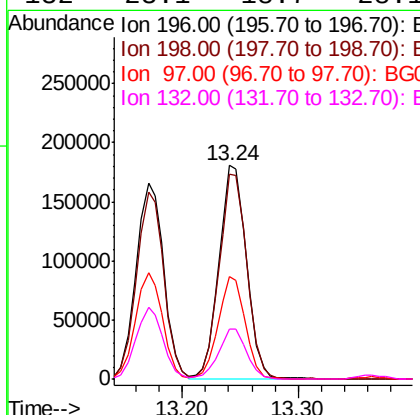
Manual Integrations
 APPROVED

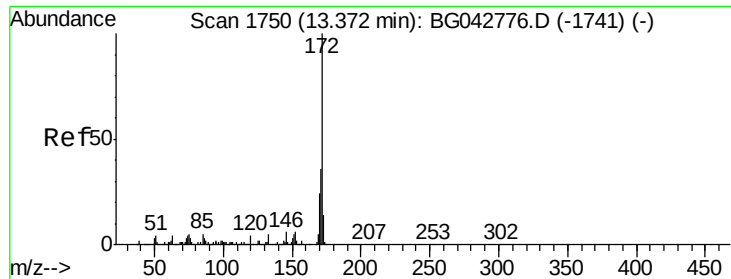
mohammad
 9/17/2019 1:26:54 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.067 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion:	196	Resp:	297490
Ion Ratio	Lower	Upper	
196	100		
198	96.0	73.4	110.0
97	47.9	39.2	58.8
132	23.1	18.7	28.1





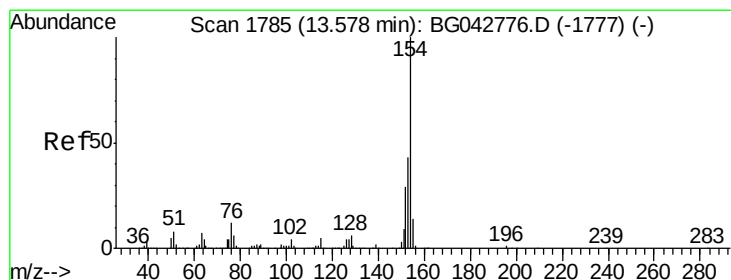
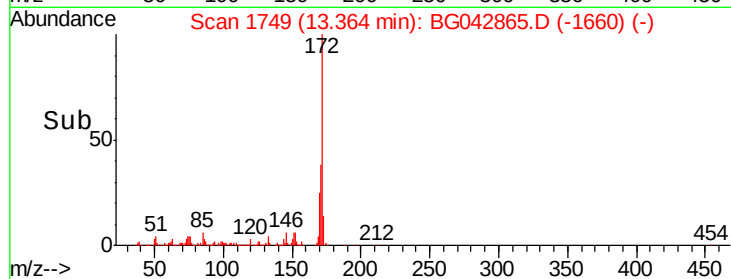
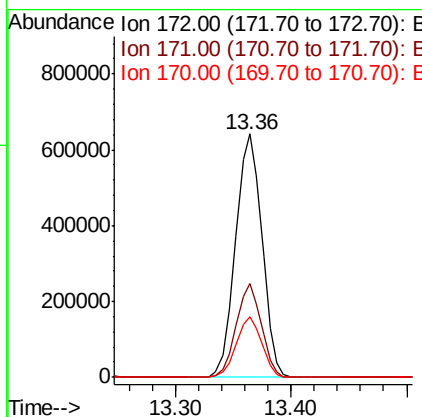
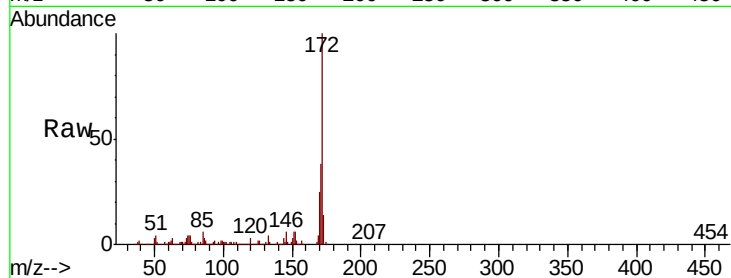
#45
2-Fluorobiphenyl
Concen: 57.055 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	28.9	43.3
170	25.0	19.1	28.7

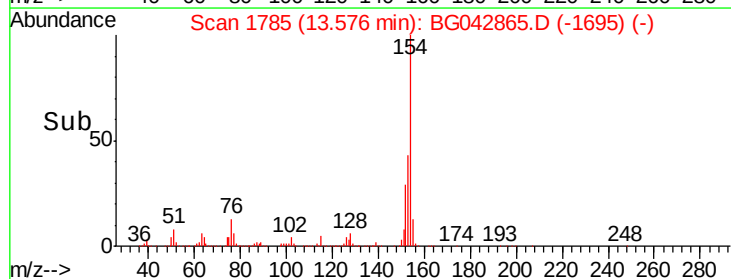
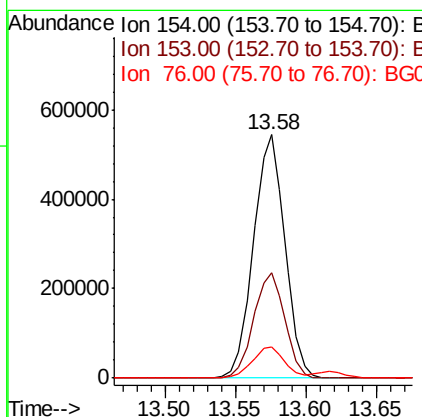
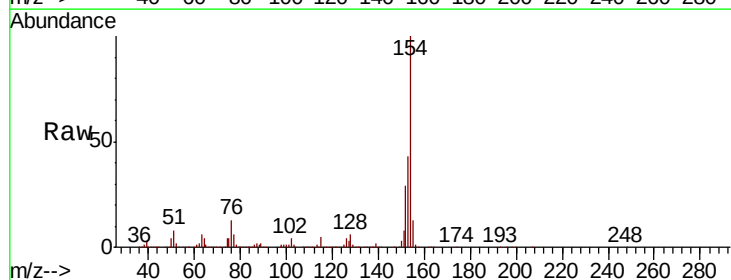
Manual Integrations
APPROVED

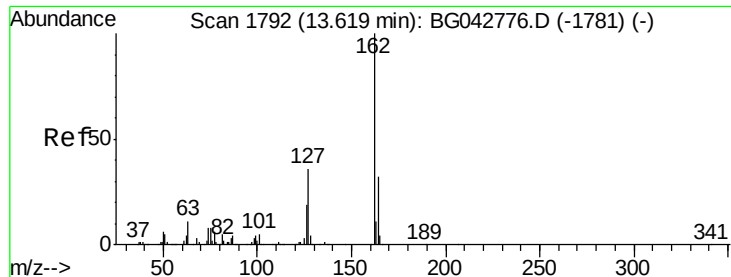
mohammad
9/17/2019 1:26:54 PM



#46
1,1'-Biphenyl
Concen: 43.334 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	22.6	62.6
76	12.6	0.0	32.2





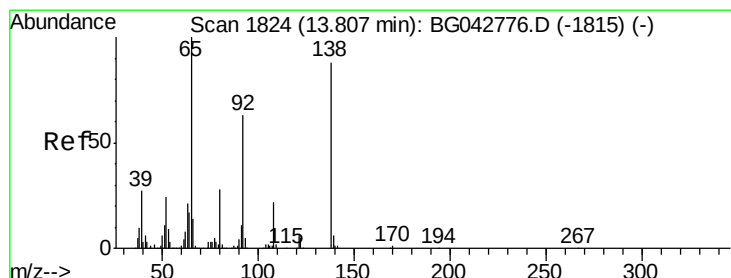
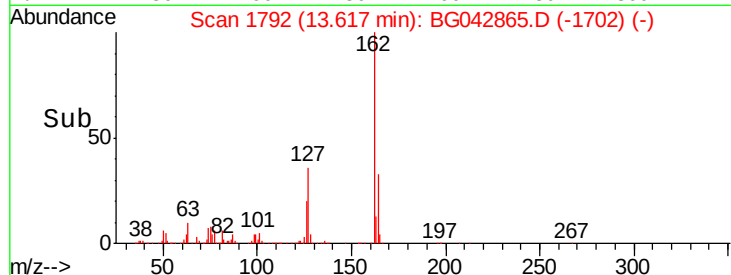
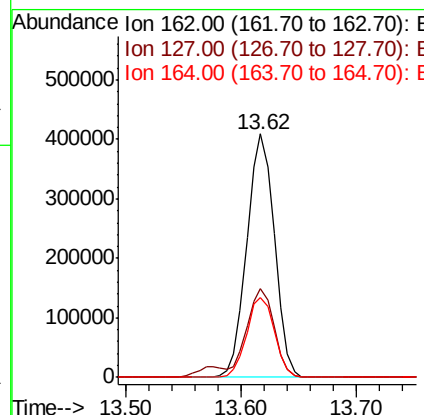
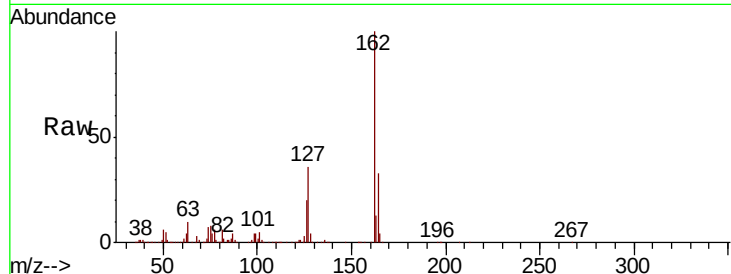
#47
 2-Chloronaphthalene
 Concen: 41.788 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.5	29.3	43.9	
164	32.9	26.0	39.0	

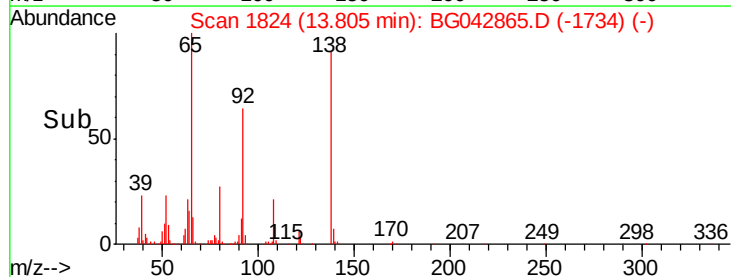
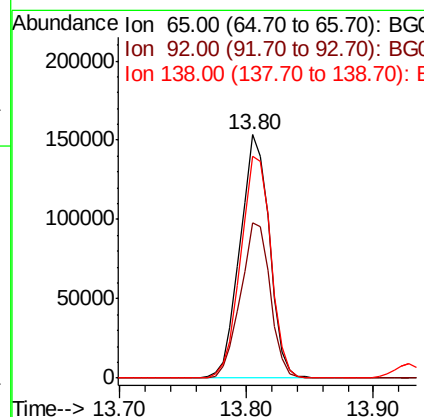
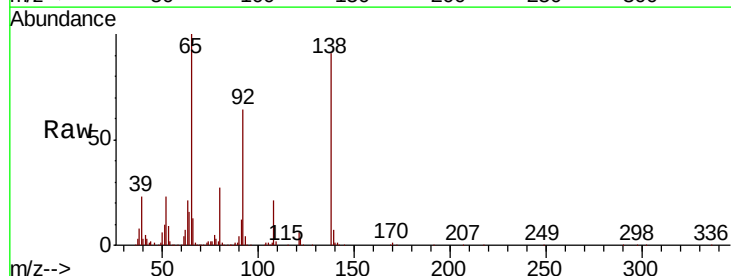
Manual Integrations
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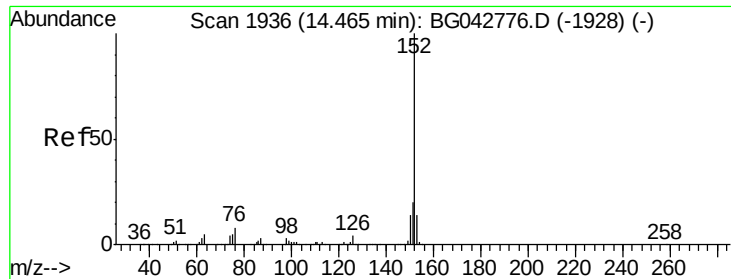
mohammad
 9/17/2019 1:26:54 PM



#48
 2-Nitroaniline
 Concen: 43.686 ng
 RT: 13.80 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	63.7	50.4	75.6	
138	91.2	70.6	106.0	





#49

Acenaphthylene

Concen: 43.172 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

SB-23-COMPMS

Tot Ion:152 Resp: 1071659

Ion Ratio Lower Upper

152 100

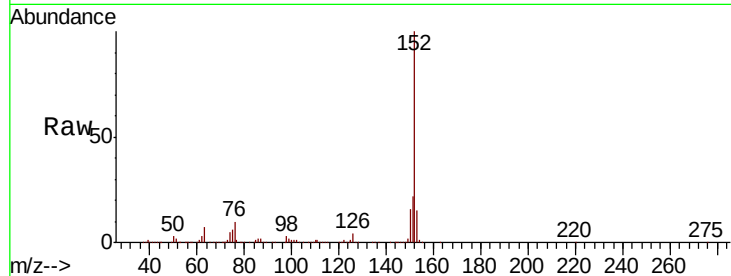
151 22.2 16.0 24.0

153 14.6 11.4 17.0

Manual Integrations
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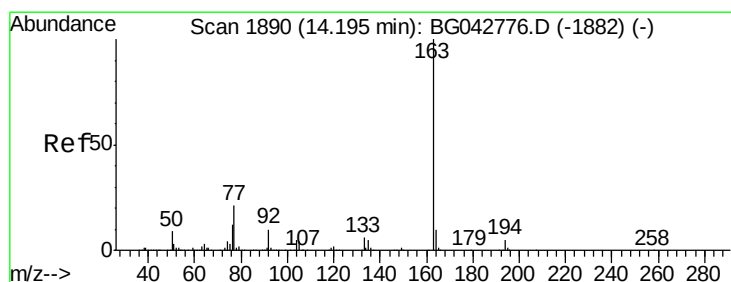
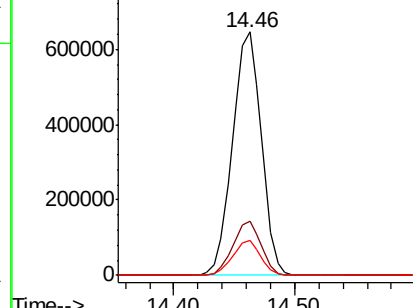
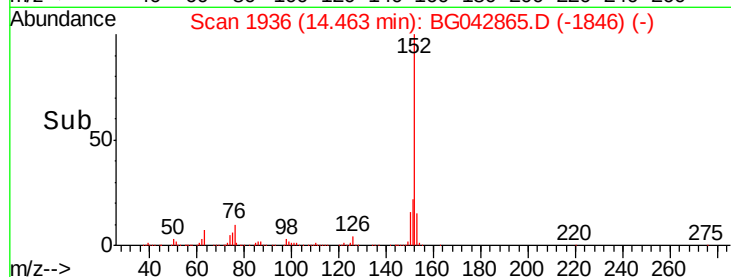
Abundance

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

14.46



#50

Dimethylphthalate

Concen: 42.808 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

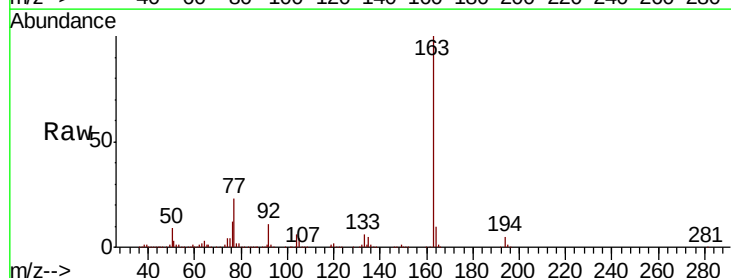
Tgt Ion:163 Resp: 899515

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.4

164 10.4 8.4 12.6



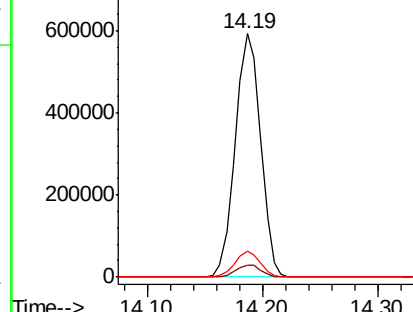
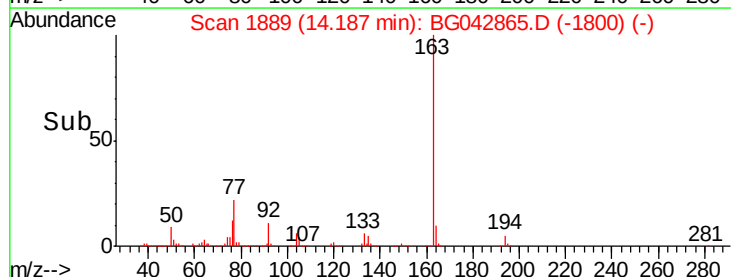
Abundance

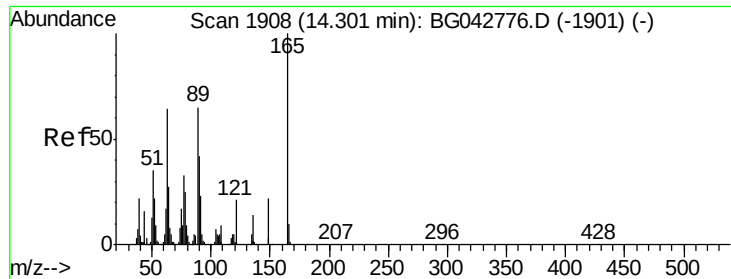
Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.19





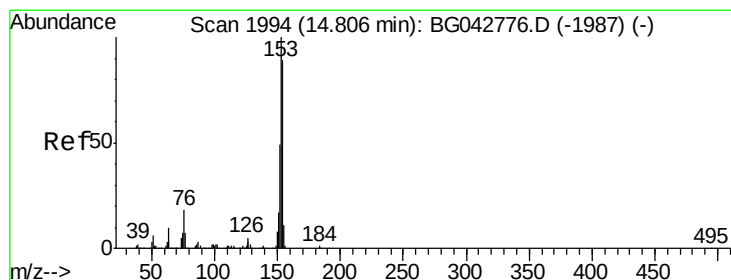
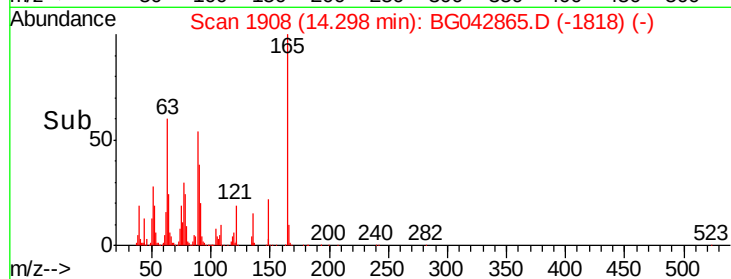
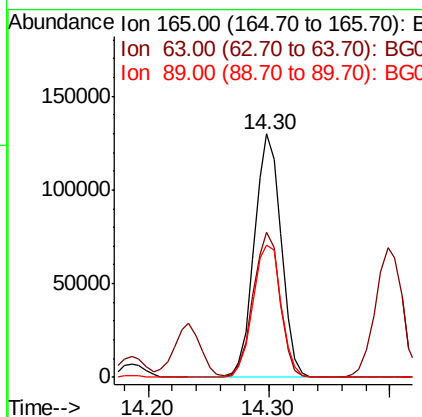
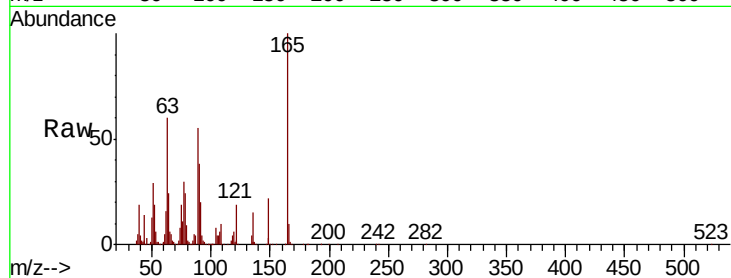
#51
 2,6-Dinitrotoluene
 Concen: 46.673 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.6	52.1	78.1
89	54.5	51.7	77.5

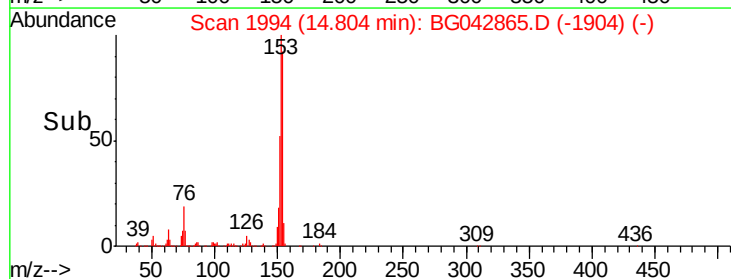
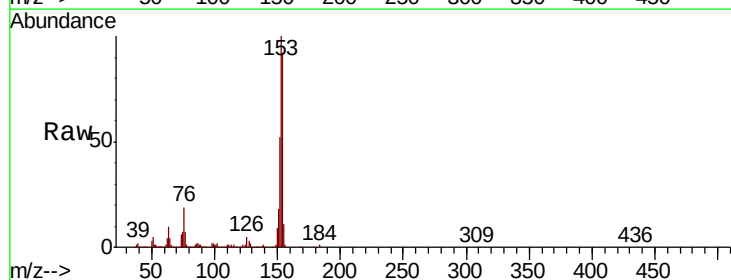
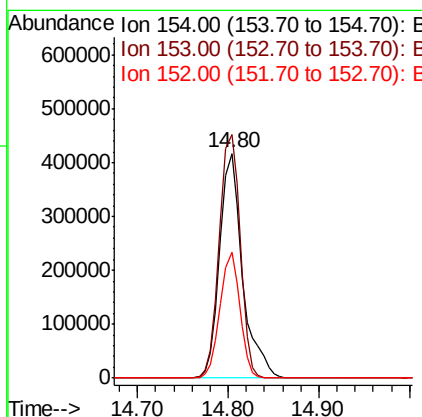
Manual Integrations
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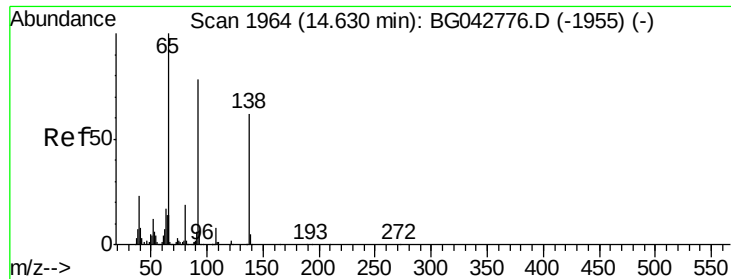
mohammad
 9/17/2019 1:26:54 PM



#52
 Acenaphthene
 Concen: 44.887 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.3	89.4	134.2
152	56.0	43.5	65.3





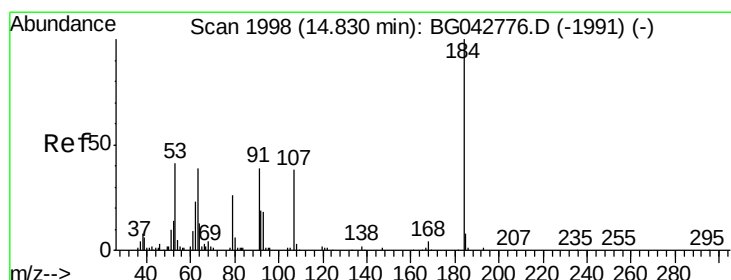
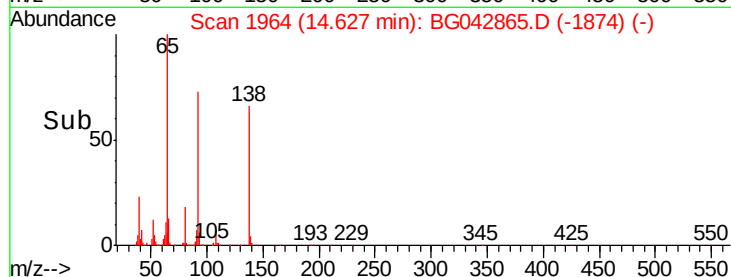
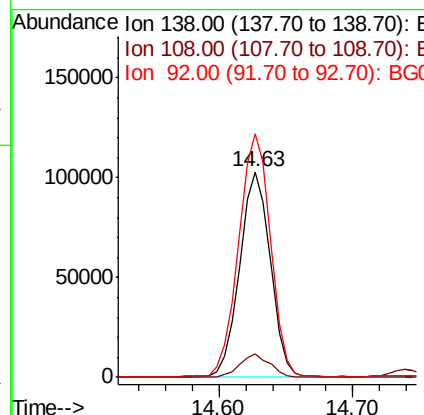
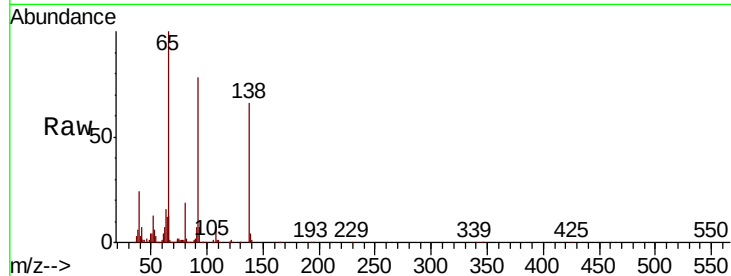
#53
3-Nitroaniline
Concen: 33.936 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	10.7	16.1
92	118.5	100.5	150.7

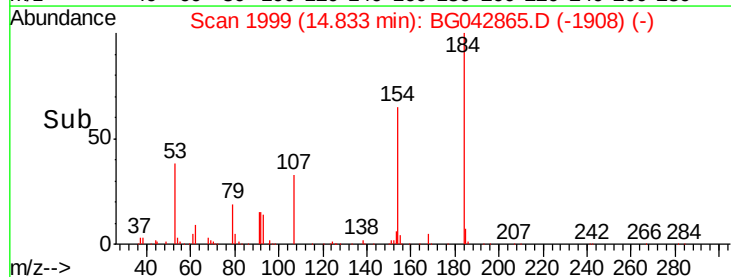
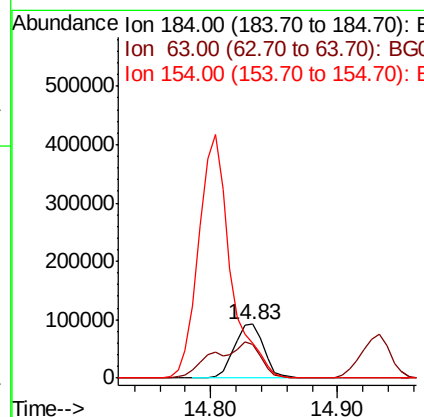
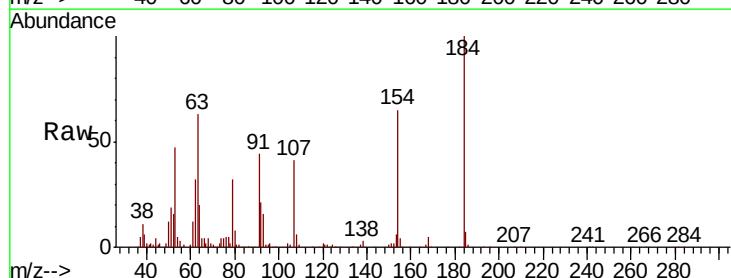
Manual Integrations
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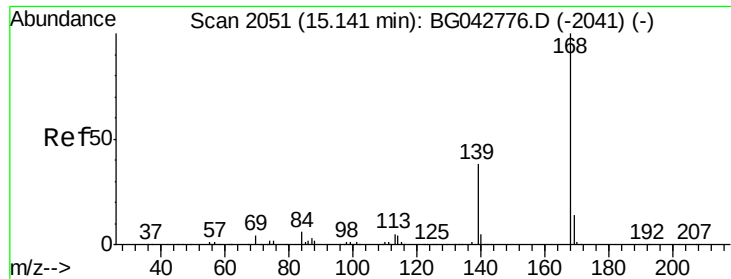
mohammad
9/17/2019 1:26:54 PM



#54
2,4-Dinitrophenol
Concen: 70.046 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.0	46.2	69.4
154	64.5	81.3	121.9#





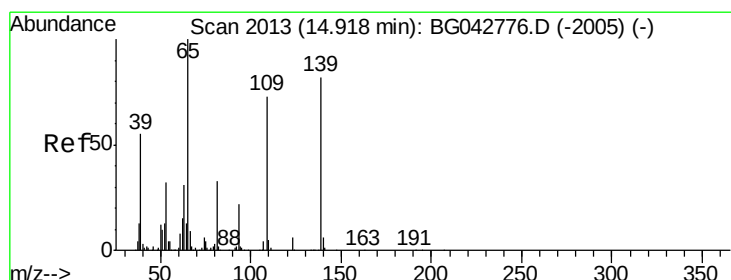
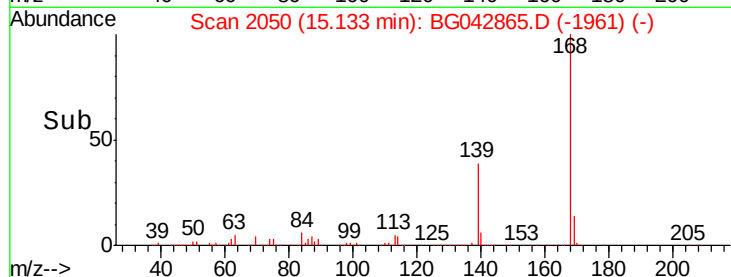
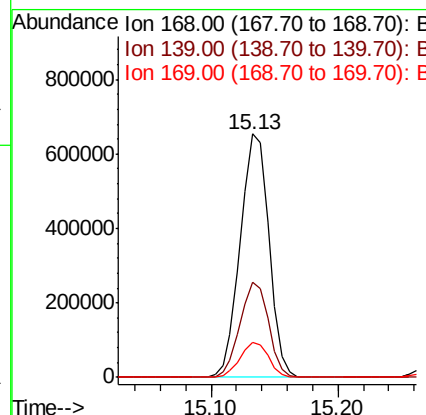
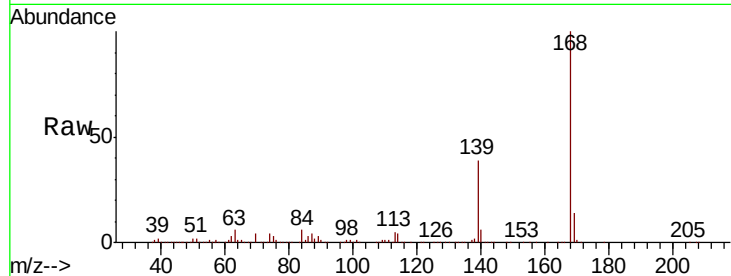
#55
Dibenzenofuran
Concen: 42.468 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.2	45.4
169	14.5	11.2	16.8

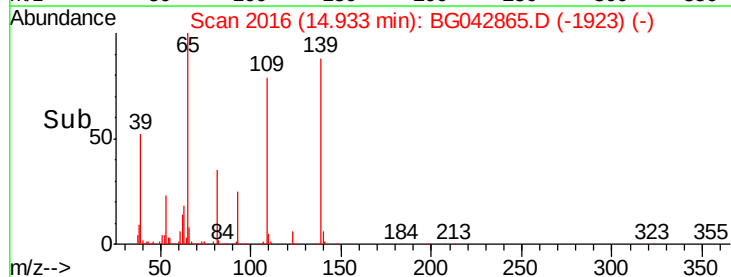
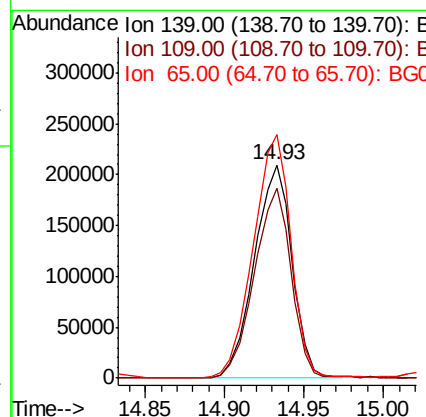
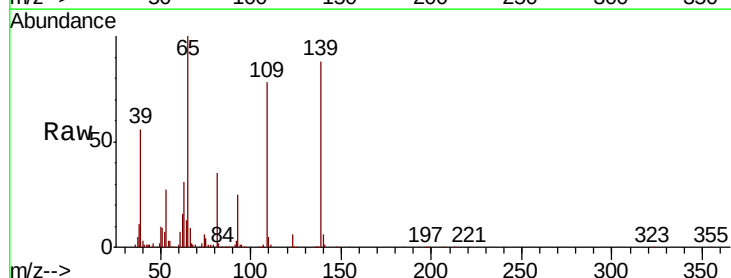
Manual Integrations
APPROVED

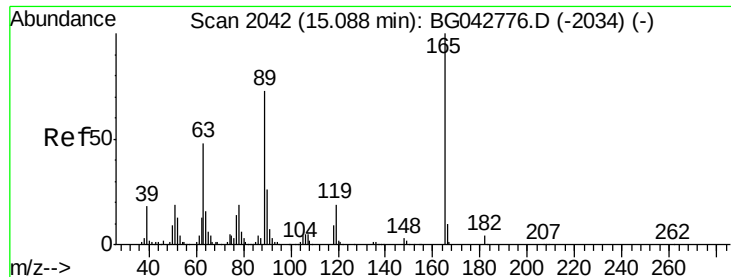
mohammad
9/17/2019 1:26:54 PM



#56
4-Nitrophenol
Concen: 92.413 ng
RT: 14.93 min Scan# 2016
Delta R.T. 0.02 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.0	69.4	109.4
65	114.2	102.5	142.5





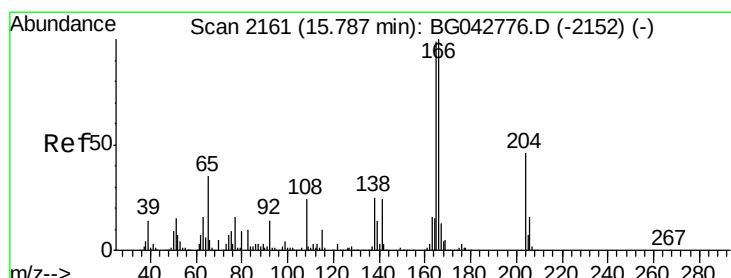
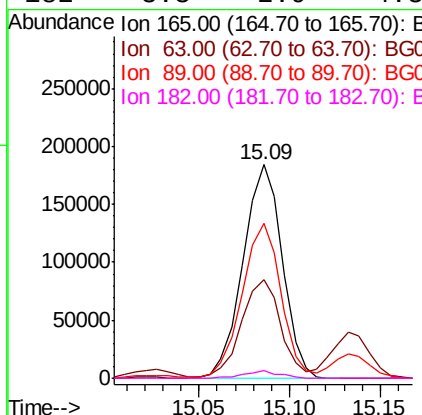
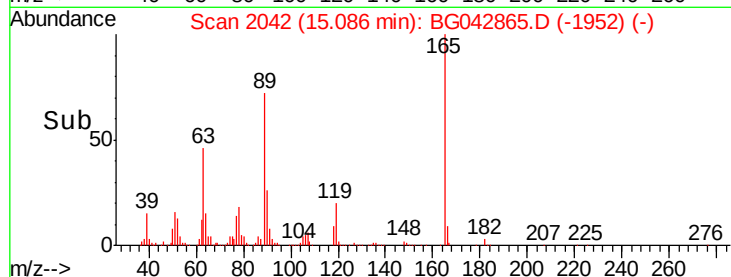
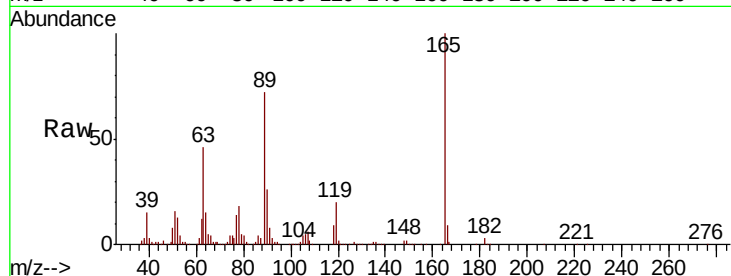
#57
 2,4-Dinitrotoluene
 Concen: 48.199 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		276996		
63	46.2	38.3	57.5		
89	72.3	58.4	87.6		
182	3.3	2.9	4.3		

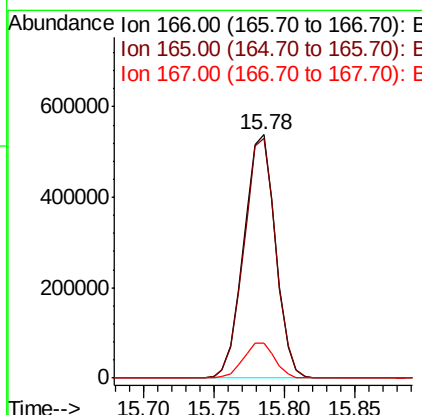
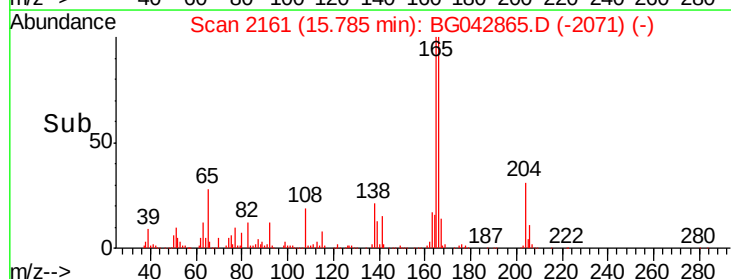
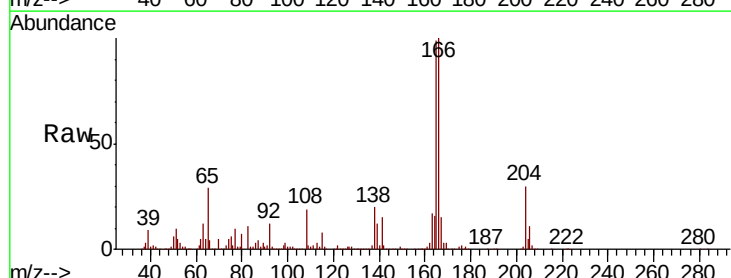
Manual Integrations
 APPROVED

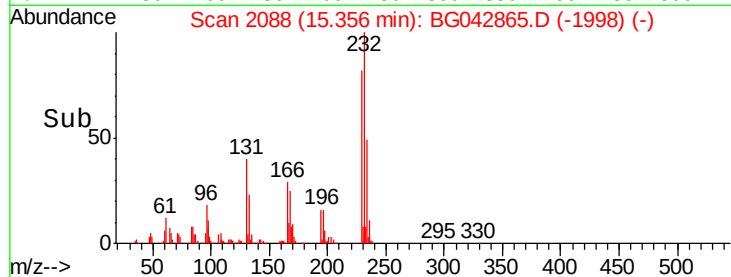
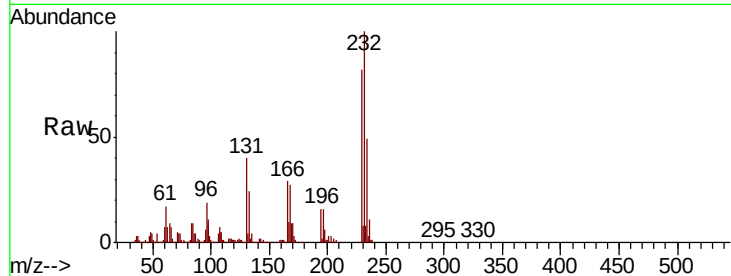
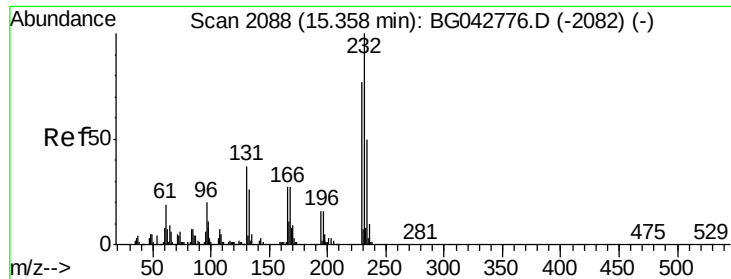
mohammad
 9/17/2019 1:26:54 PM



#58
 Fluorene
 Concen: 42.411 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		847250		
165	98.6	79.1	118.7		
167	14.6	10.7	16.1		





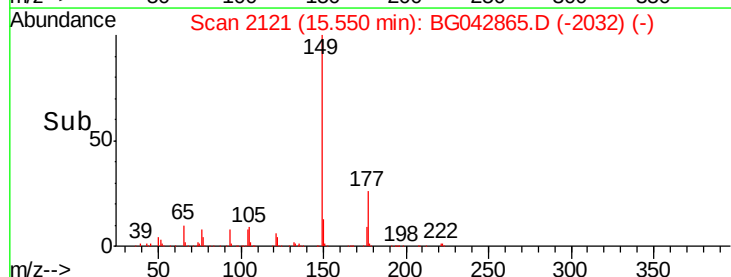
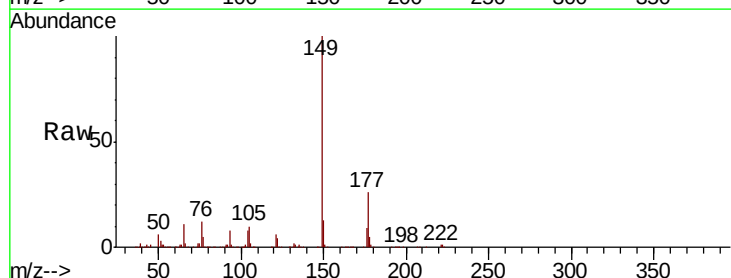
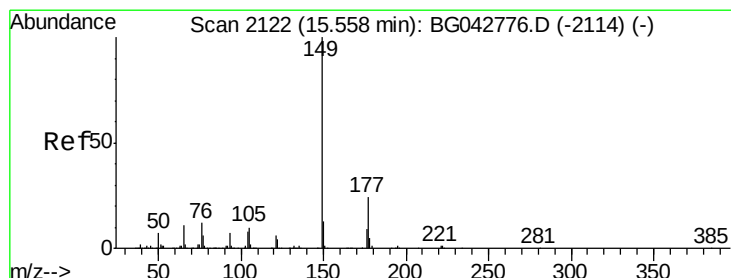
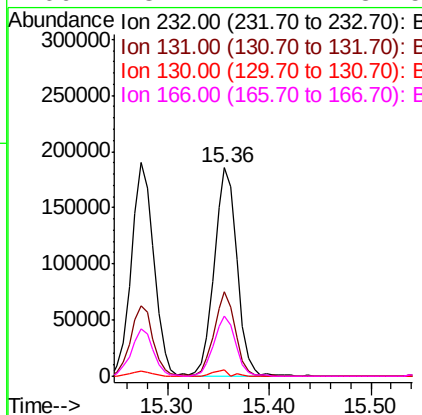
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.785 ng
RT: 15.36 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	286659		
131	37.8		31.1	46.7
130	2.3		1.8	2.6
166	28.1		21.7	32.5

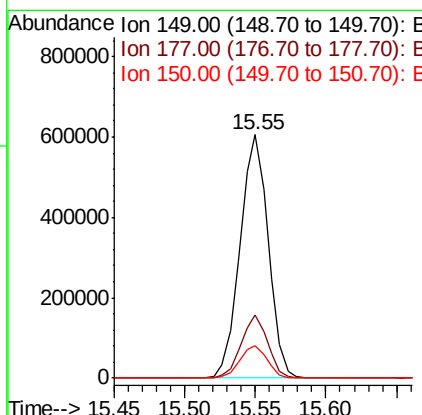
Manual Integrations
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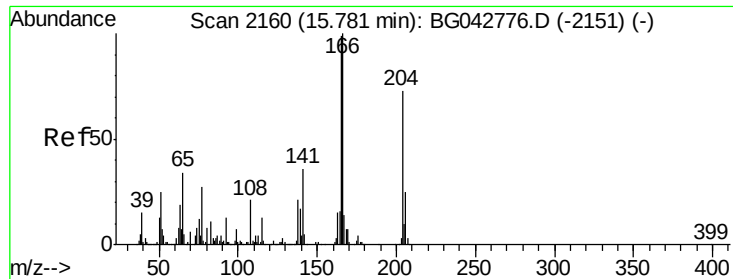
mohammad
9/17/2019 1:26:54 PM



#60
Diethylphthalate
Concen: 39.512 ng
RT: 15.55 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	842771		
177	25.9		19.4	29.0
150	13.2		10.2	15.4





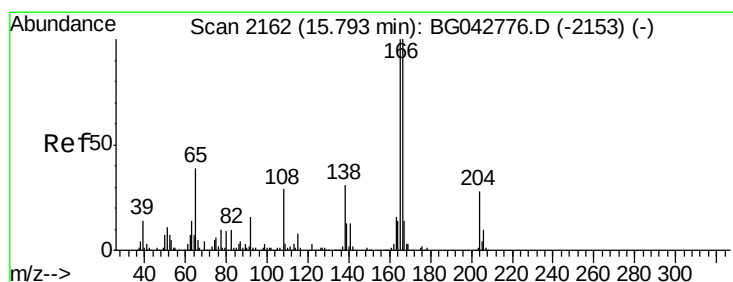
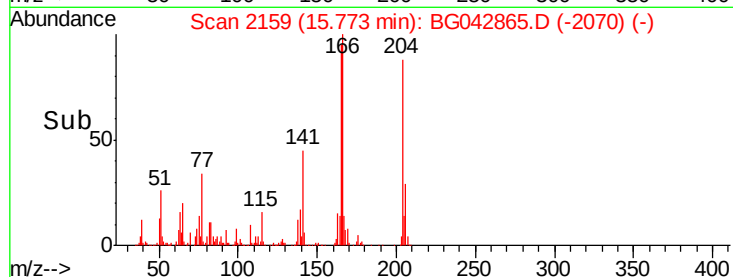
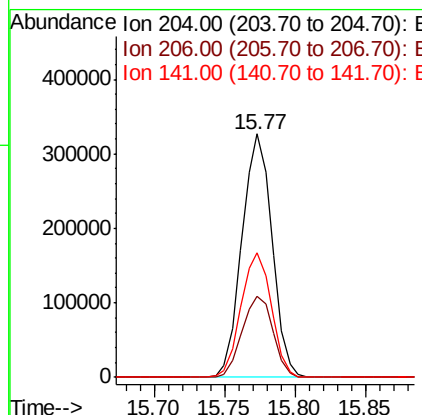
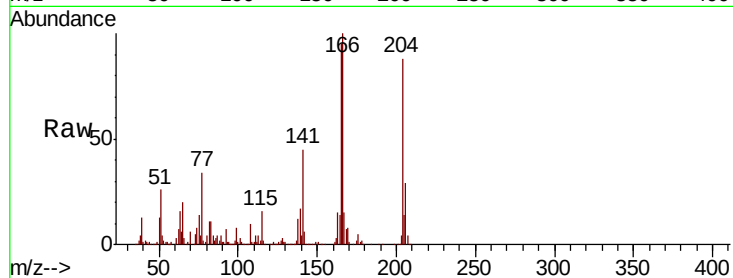
#61
 4-Chlorophenyl-phenylether
 Concen: 41.180 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.6	41.4
141	50.9	39.8	59.6

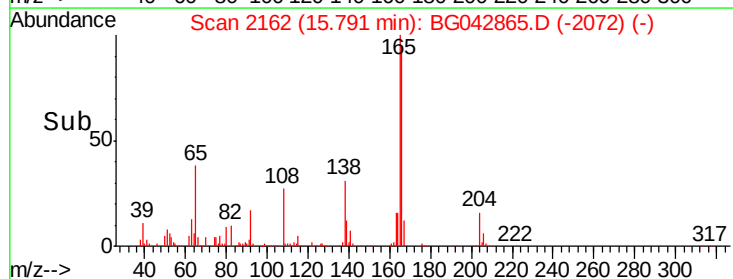
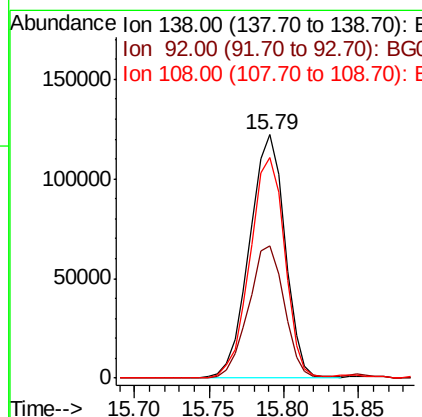
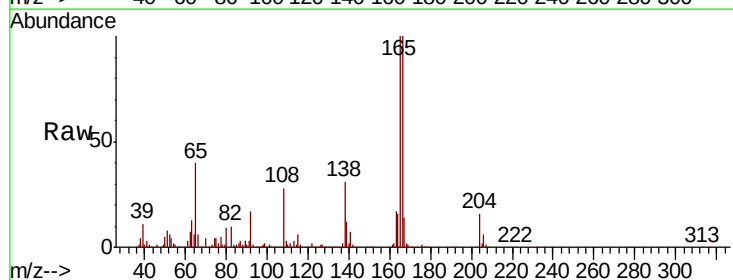
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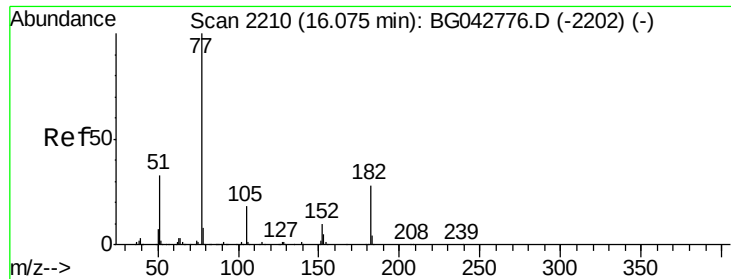
mohammad
 9/17/2019 1:26:54 PM



#62
 4-Nitroaniline
 Concen: 38.446 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.1	31.4	71.4
108	90.8	74.8	114.8





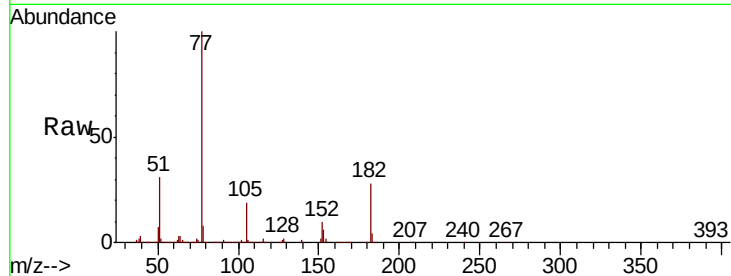
#63
Azobenzene
Concen: 41.622 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

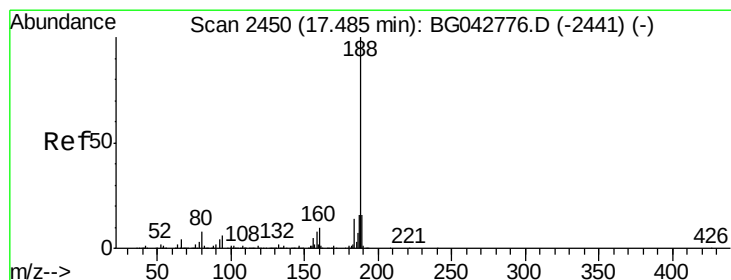
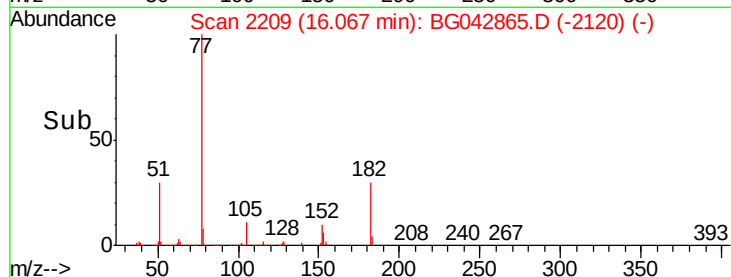
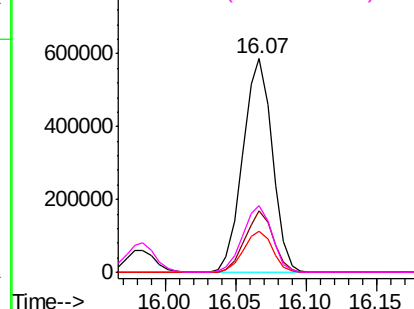
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.5	8.1	48.1		
105	19.5	0.0	38.1		
51	31.4	12.9	52.9		

Manual Integrations
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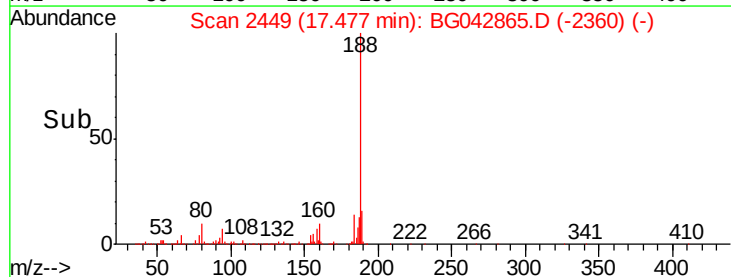
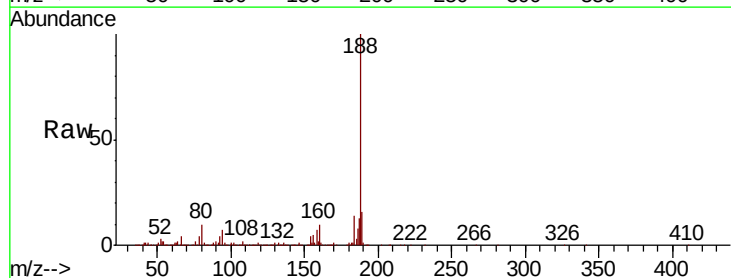
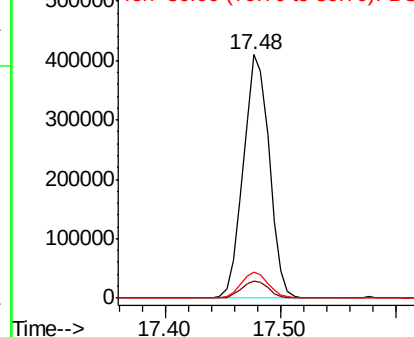
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

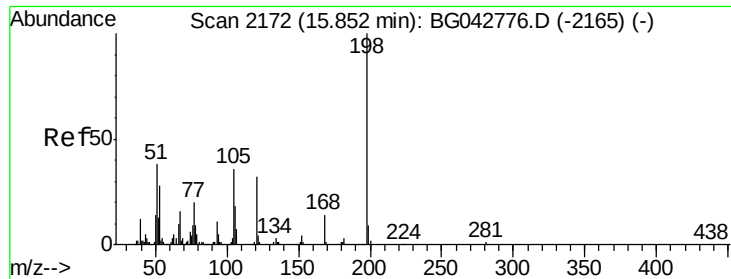


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.2	4.8	7.2#		
80	10.4	6.6	9.8#		

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





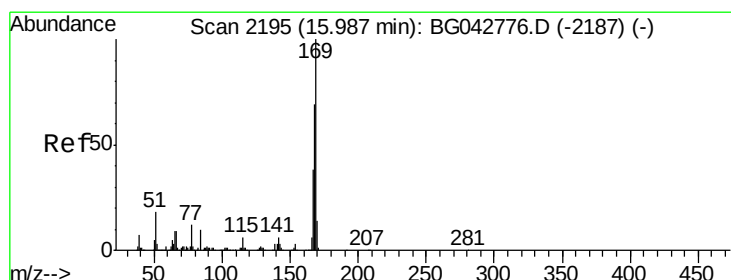
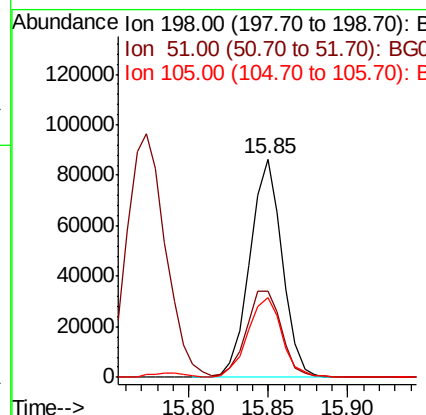
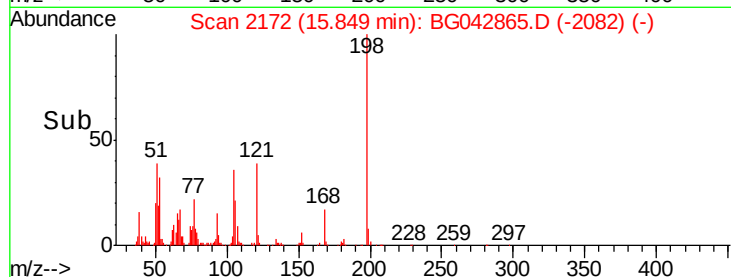
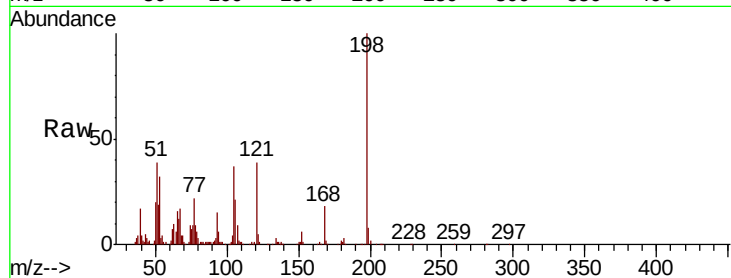
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.957 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
198	100		
51	39.3	20.9	60.9
105	36.5	16.4	56.4

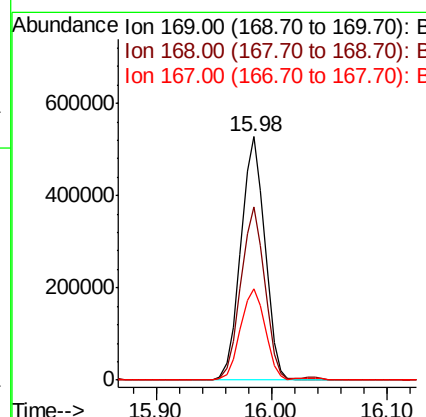
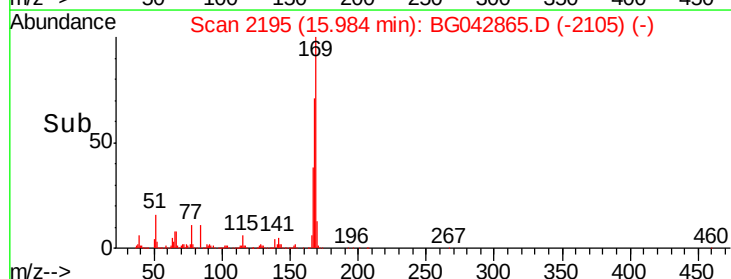
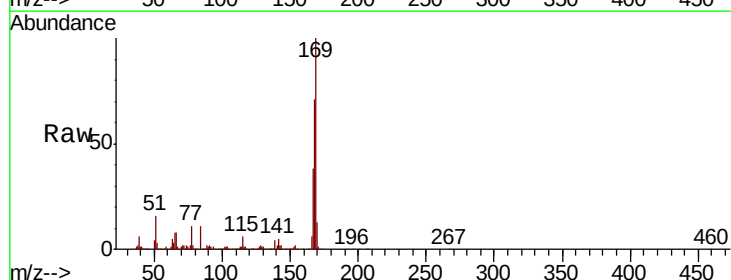
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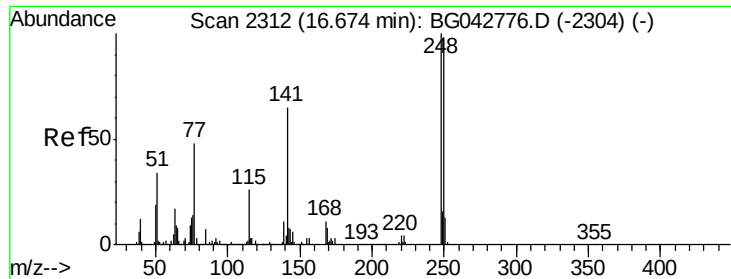
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 44.547 ng
 RT: 15.98 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Resp Lower	Upper
169	100		
168	71.1	55.4	83.2
167	37.7	30.4	45.6





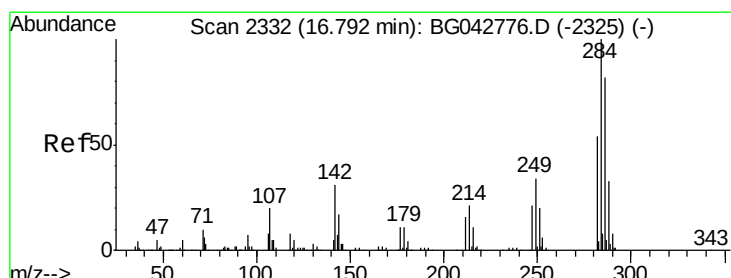
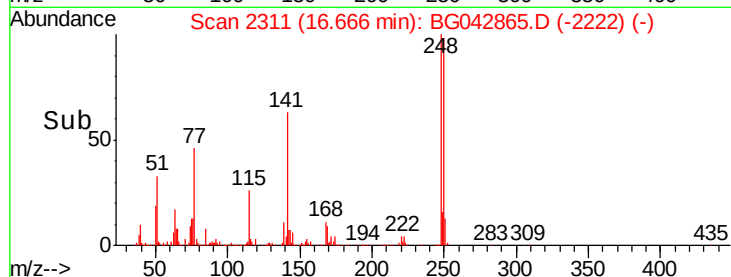
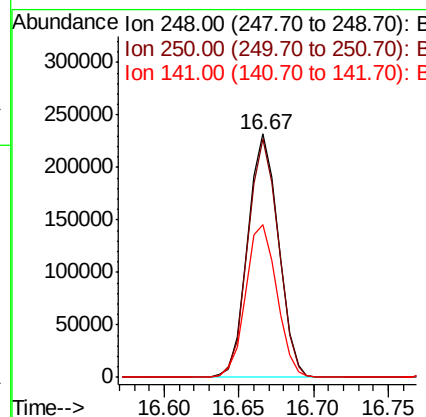
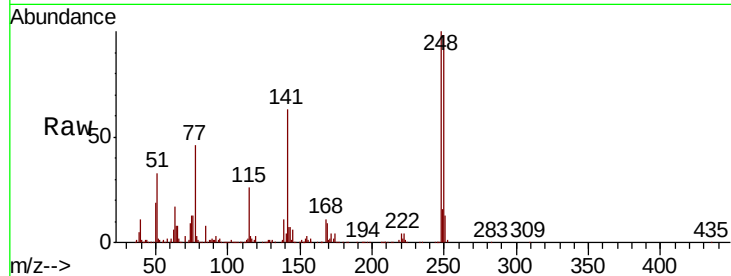
#67
4-Bromophenyl-phenylether
Concen: 42.749 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.0	117.0
141	62.7	51.8	77.6

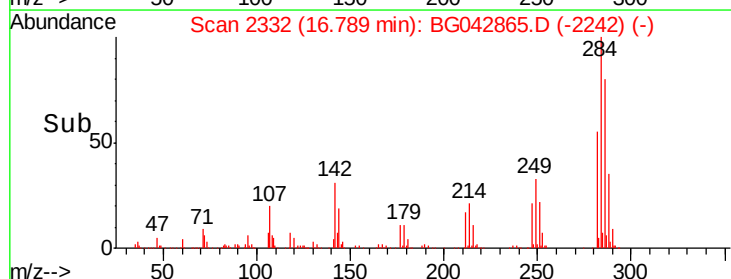
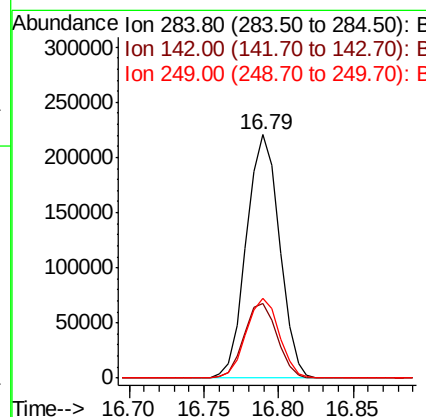
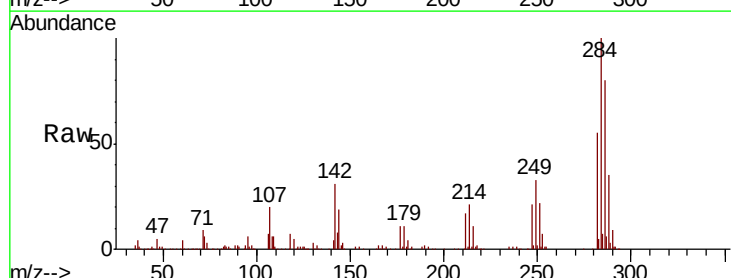
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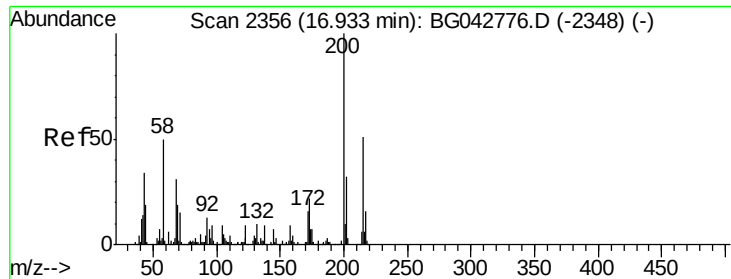
mohammad
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#68
Hexachlorobenzene
Concen: 41.153 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	24.7	37.1
249	32.9	27.0	40.4





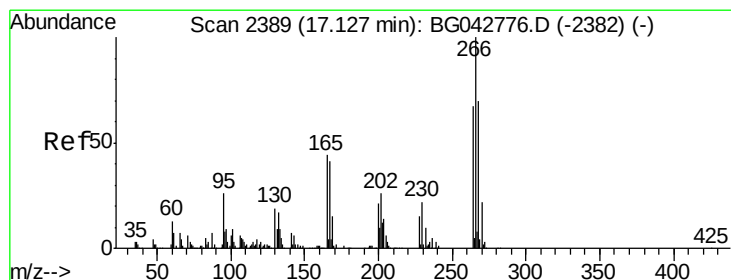
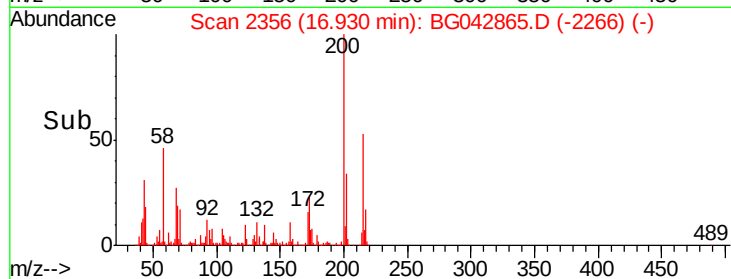
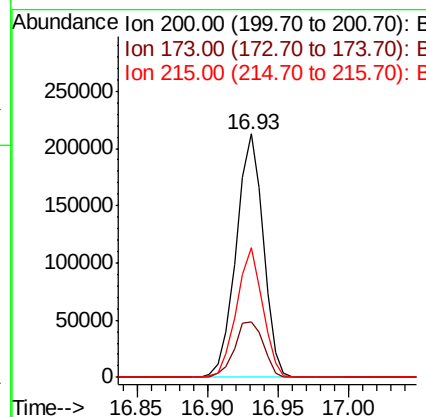
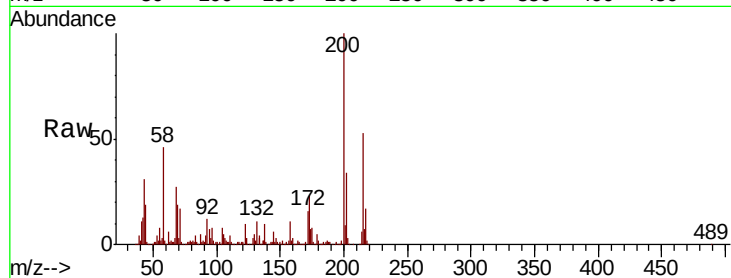
#69
Atrazine
Concen: 47.697 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	284660		
173	23.0		2.5	42.5
215	53.3		31.0	71.0

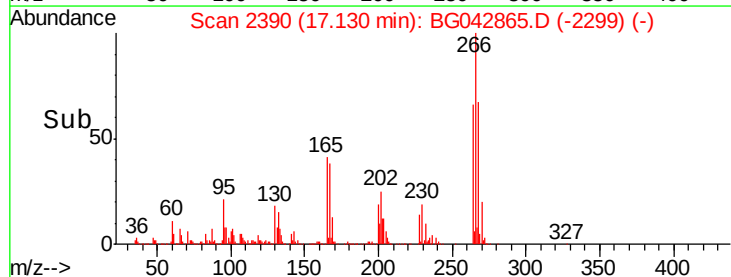
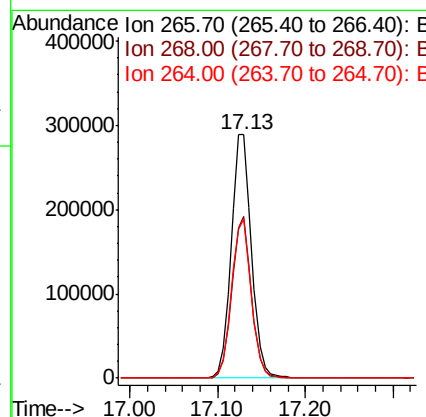
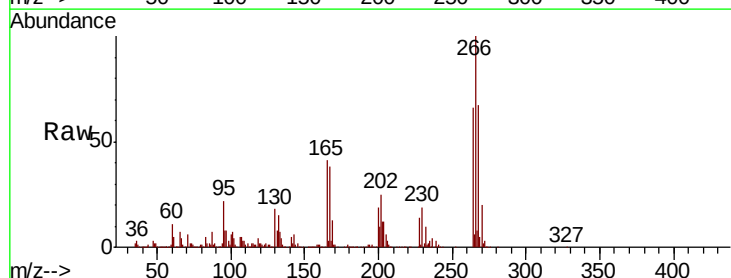
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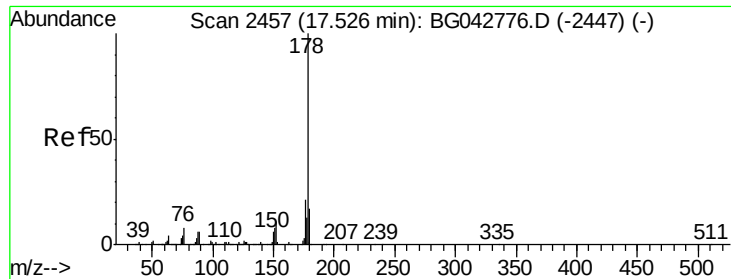
mohammad
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#70
Pentachlorophenol
Concen: 93.766 ng
RT: 17.13 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	458182		
268	66.6		56.2	84.4
264	65.6		53.4	80.2





#71

Phenanthrene

Concen: 43.023 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

SB-23-COMPMS

Tot Ion:178 Resp: 1310440

Ion Ratio Lower Upper

178 100

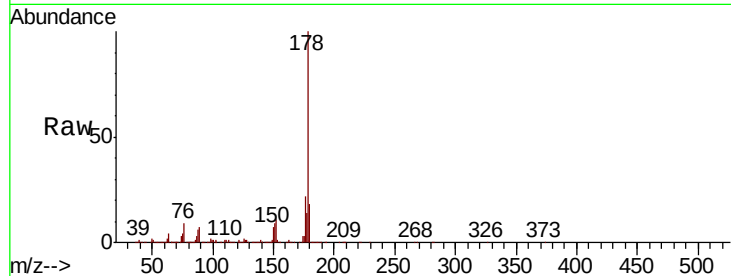
176 21.7 17.0 25.4

179 17.7 13.6 20.4

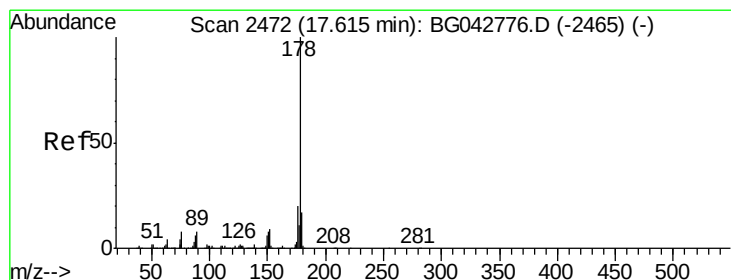
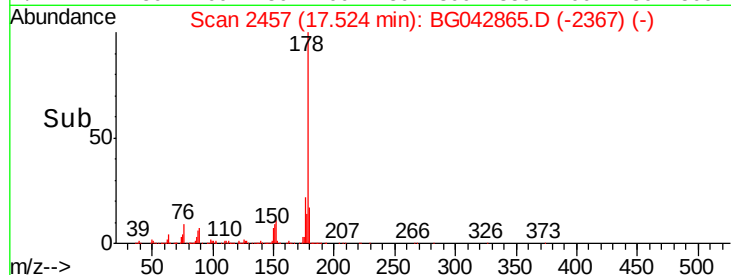
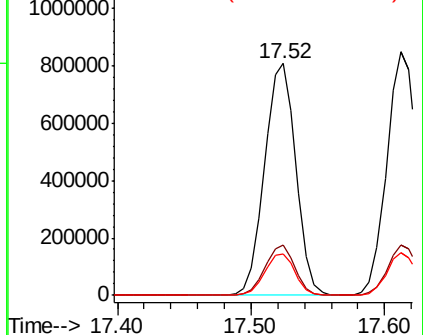
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.153 ng

RT: 17.61 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Tgt Ion:178 Resp: 1343564

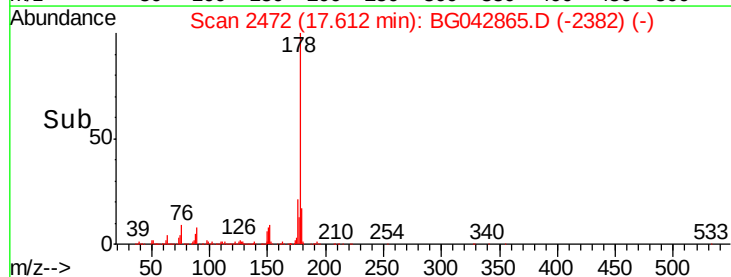
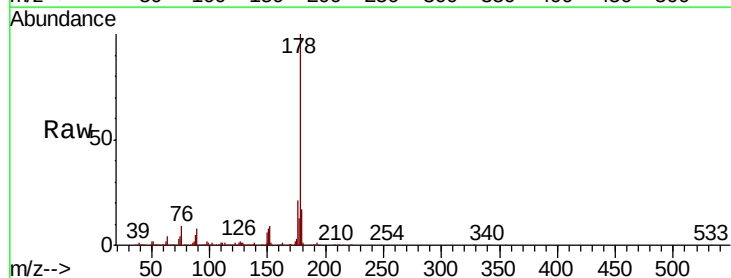
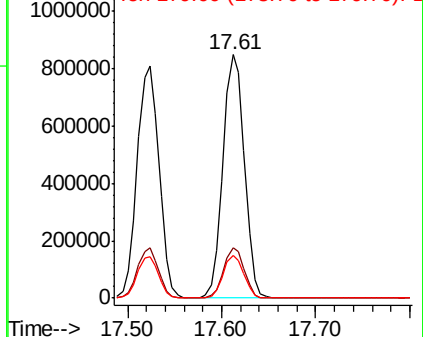
Ion Ratio Lower Upper

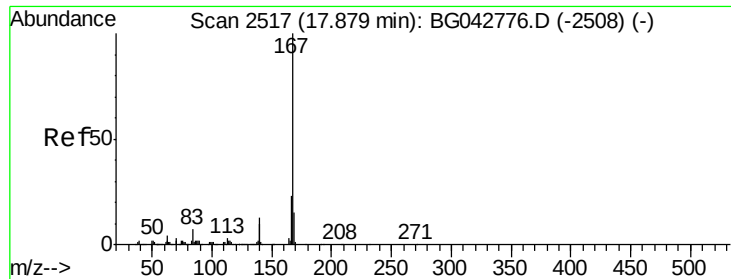
178 100

176 20.6 16.2 24.4

179 17.4 13.6 20.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





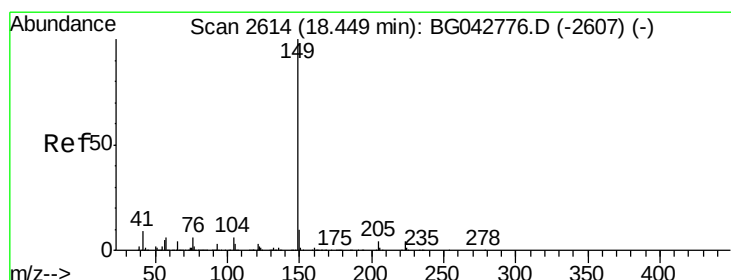
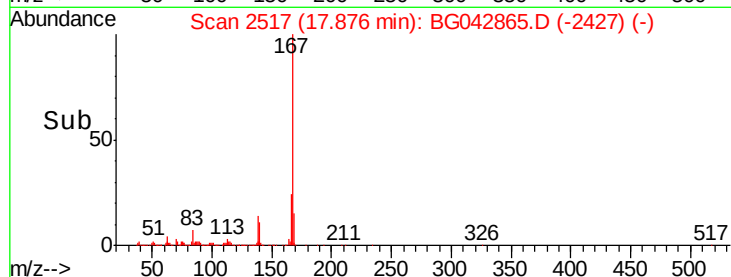
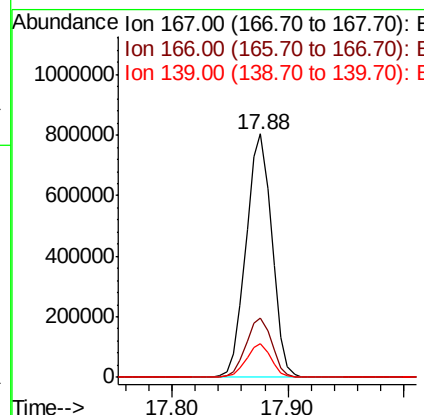
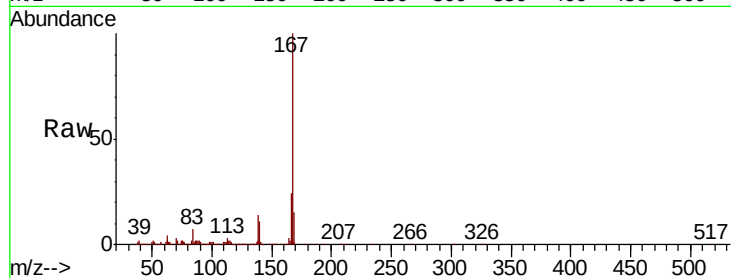
#73
 Carbazole
 Concen: 43.100 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.5	18.3	27.5
139	13.6	10.2	15.4

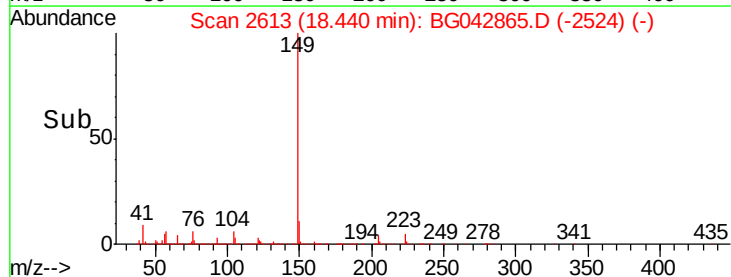
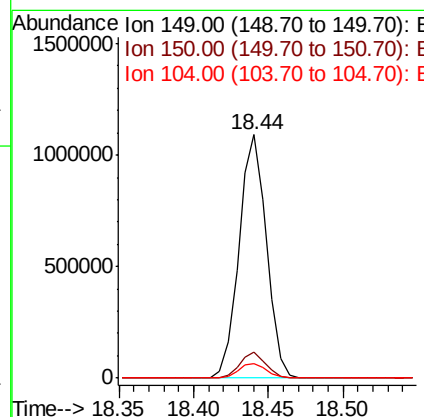
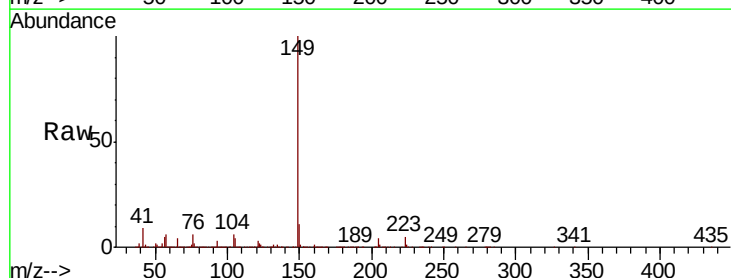
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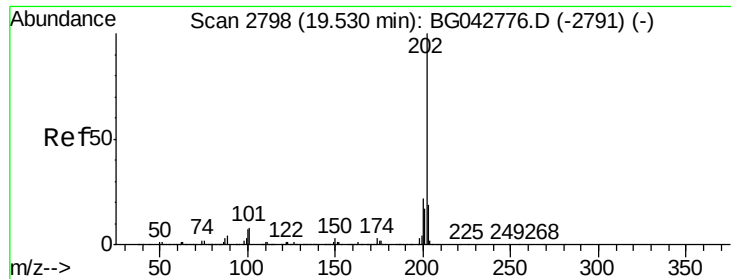
mohammad
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#74
 Di-n-butylphthalate
 Concen: 40.219 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.0	12.0
104	6.1	5.1	7.7





#75

Fluoranthene

Concen: 40.698 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

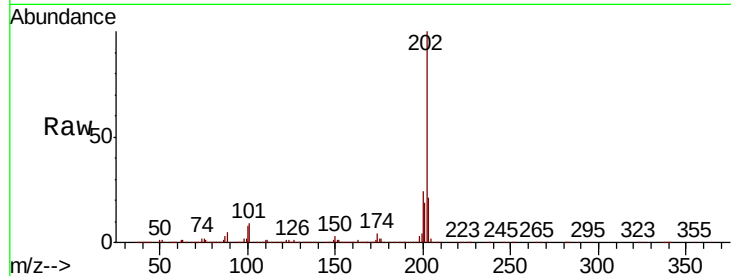
ClientSampleId :

SB-23-COMPMS

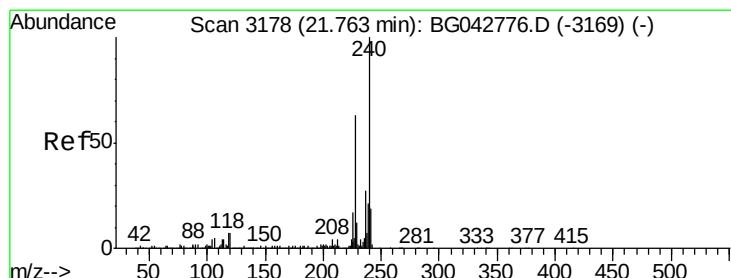
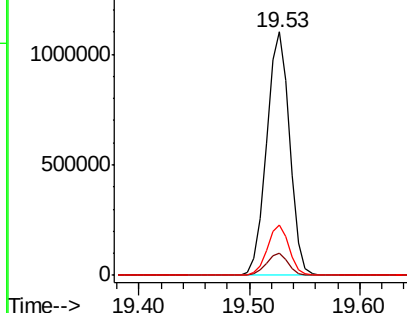
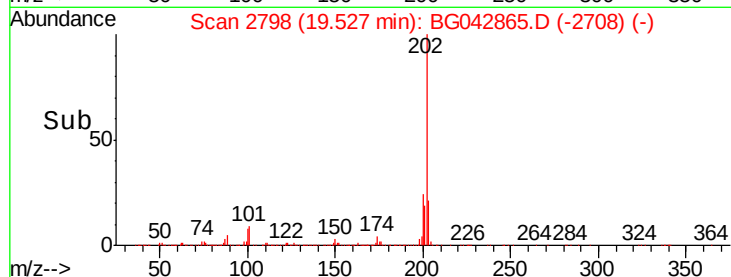
Tot Ion:	202	Resp:	1606552
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	27.8
203	20.6	0.0	39.1

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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

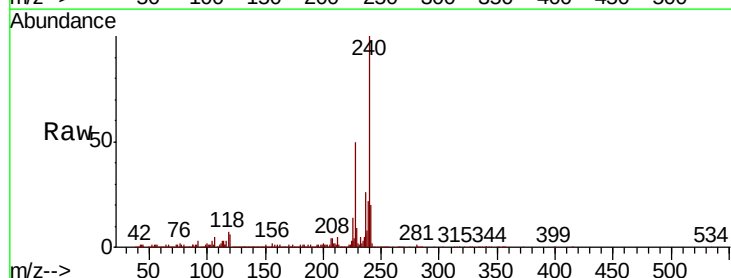
RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

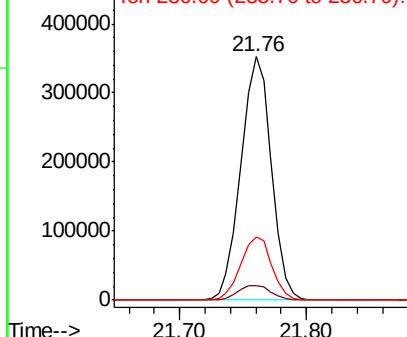
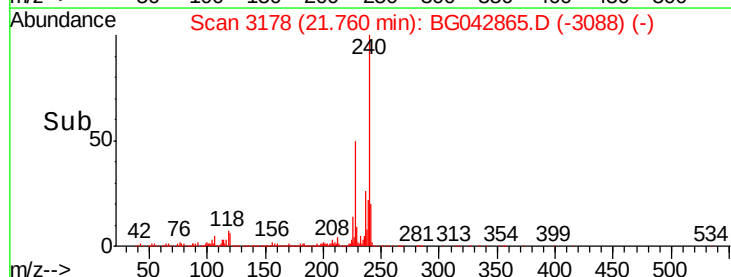
Lab File: BG042865.D

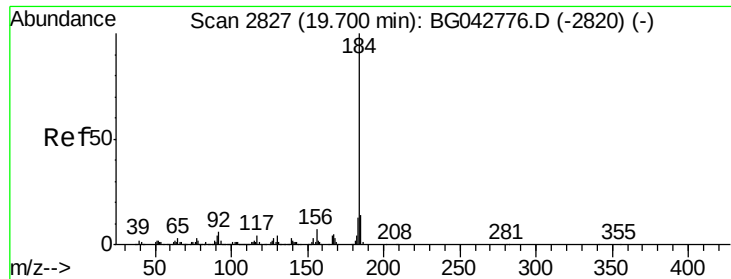
Acq: 17 Sep 2019 1:34

Tgt Ion:	240	Resp:	588665
Ion Ratio	Lower	Upper	
240	100		
120	6.0	5.4	8.2
236	25.7	21.7	32.5



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: 49.896 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

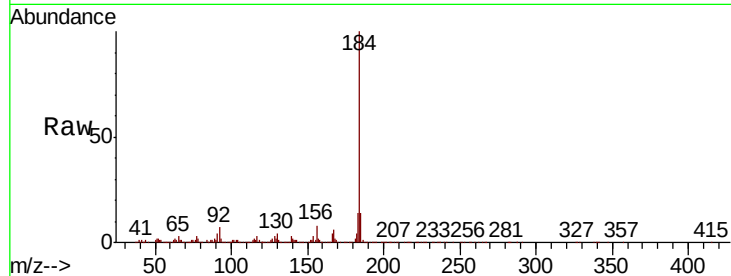
ClientSampleId :

SB-23-COMPMS

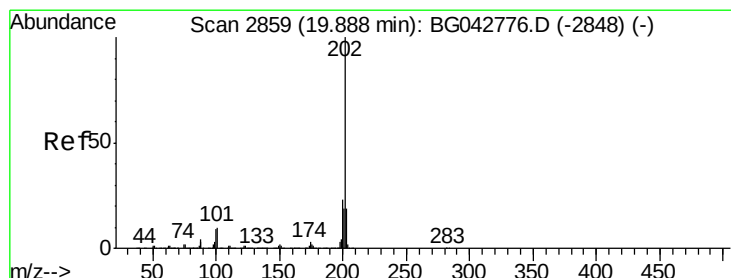
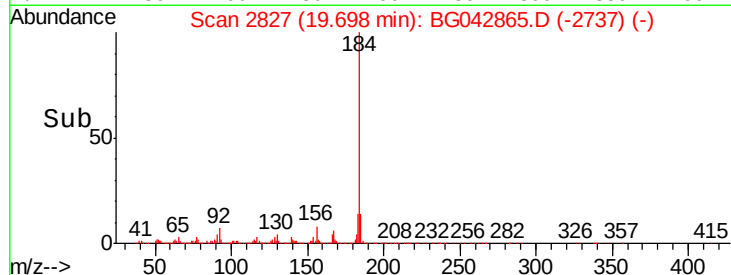
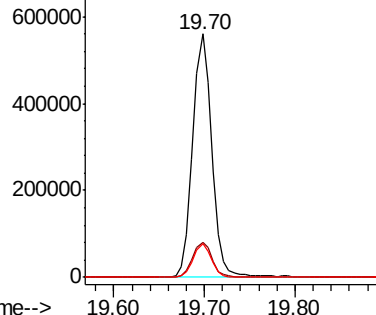
Tot Ion:	184	Resp:	820621
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.6	17.4
183	13.9	10.4	15.6

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



#78

Pyrene

Concen: 44.020 ng

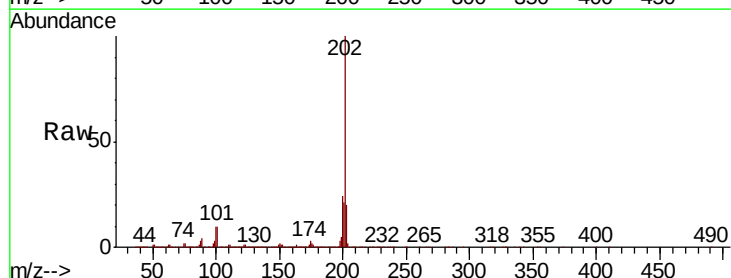
RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

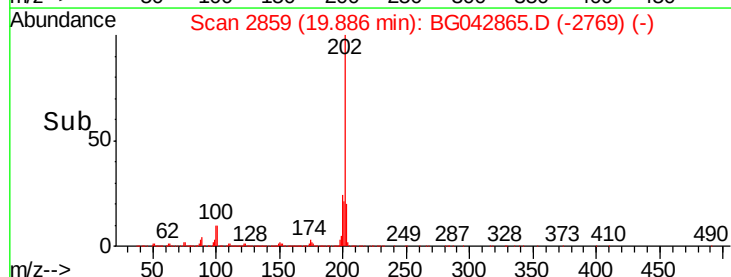
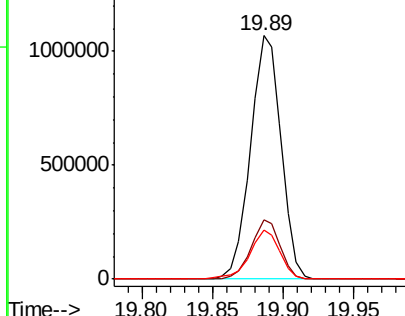
Lab File: BG042865.D

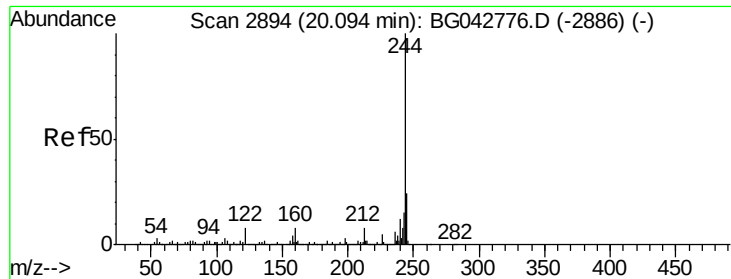
Acq: 17 Sep 2019 1:34

Tgt Ion:	202	Resp:	1622333
Ion Ratio	Lower	Upper	
202	100		
200	24.3	18.5	27.7
203	20.4	15.3	22.9



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





#79

Terphenyl-d14

Concen: 58.998 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

SB-23-COMPMS

Tot Ion:244 Resp: 1567055

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

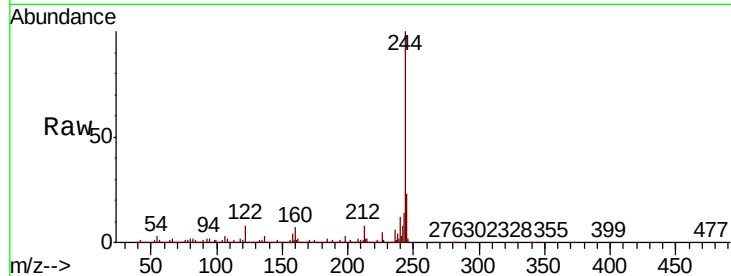
122 8.1 6.2 9.4

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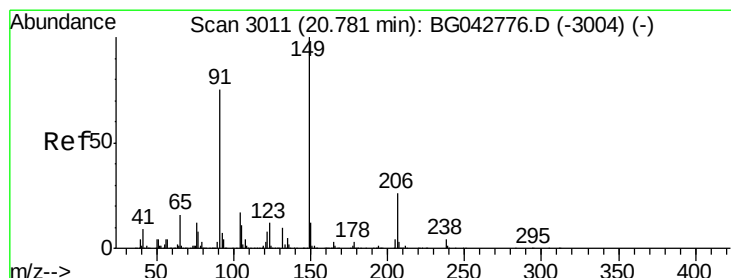
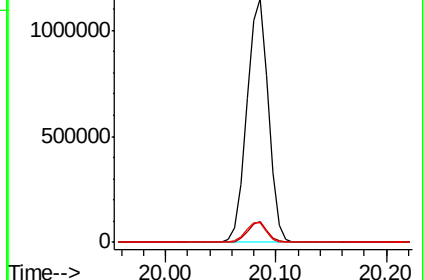
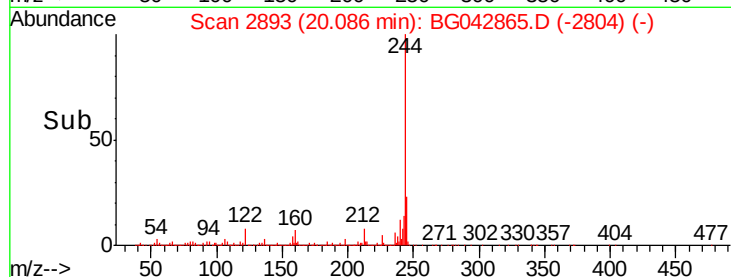
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.014 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

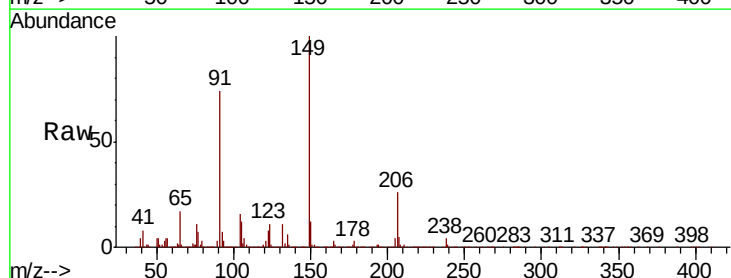
Tgt Ion:149 Resp: 641571

Ion Ratio Lower Upper

149 100

91 74.2 60.2 90.2

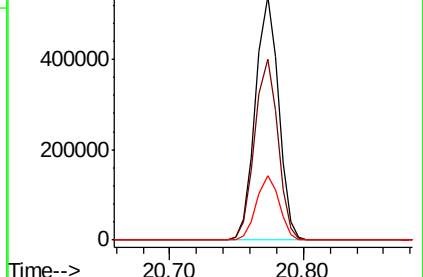
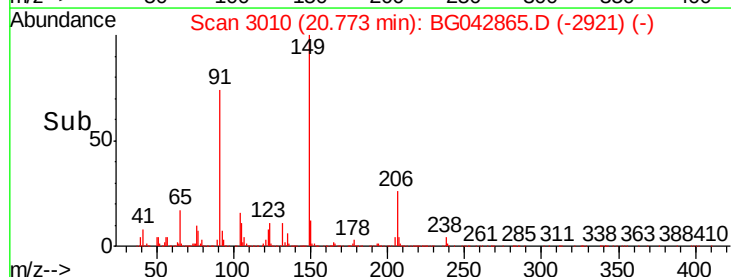
206 26.3 20.6 30.8

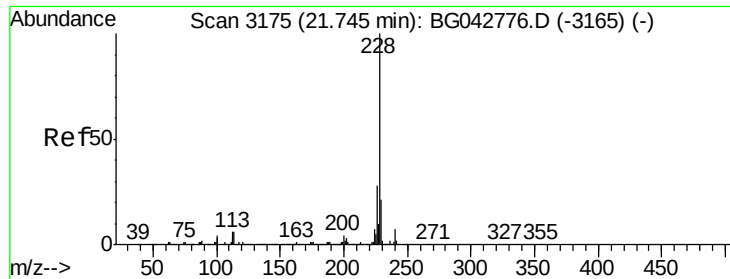


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.248 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

SB-23-COMPMS

Tot Ion:228 Resp: 1581257

Ion Ratio Lower Upper

228 100

226 29.6 22.5 33.7

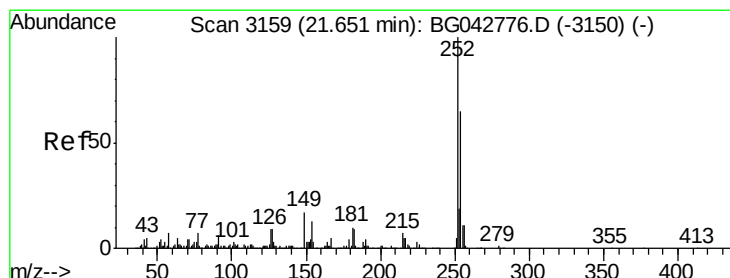
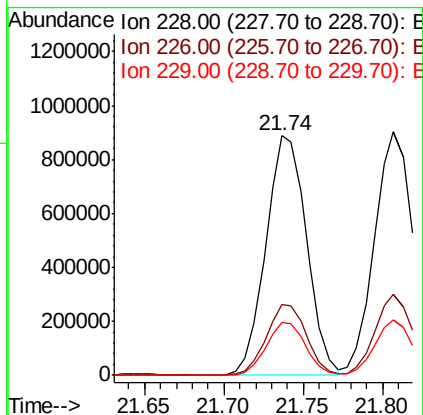
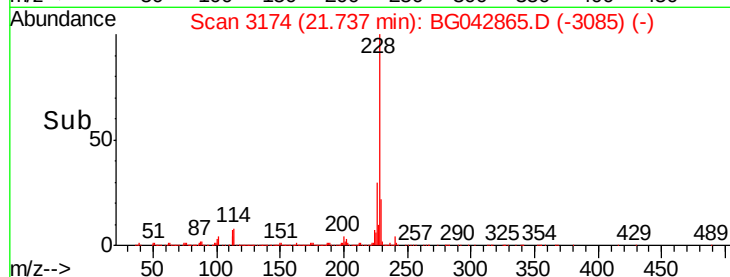
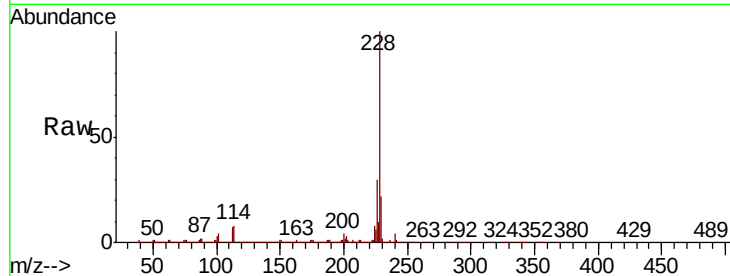
229 22.0 17.2 25.8

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#82

3,3'-Dichlorobenzidine

Concen: 39.095 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

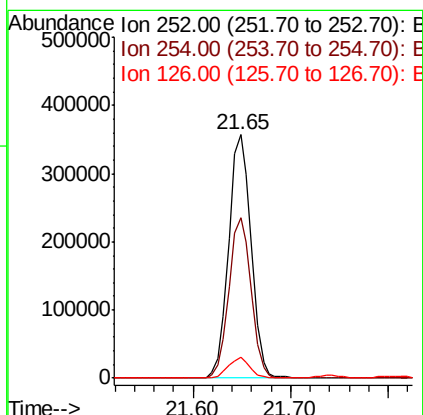
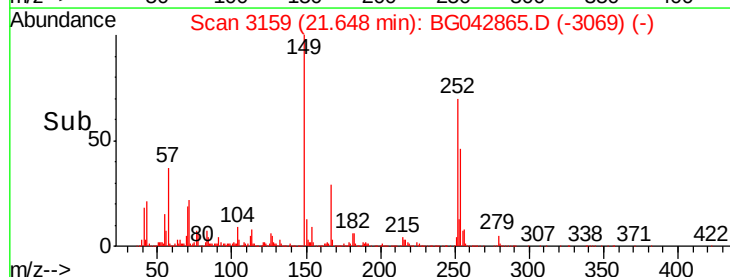
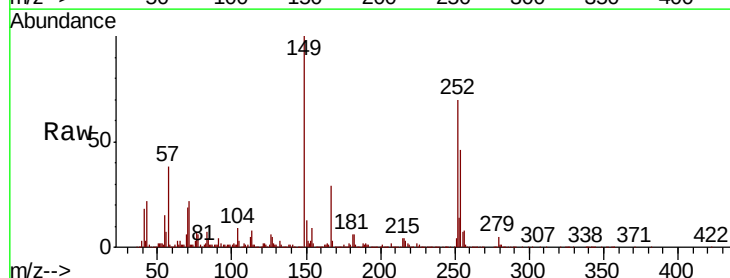
Tgt Ion:252 Resp: 568647

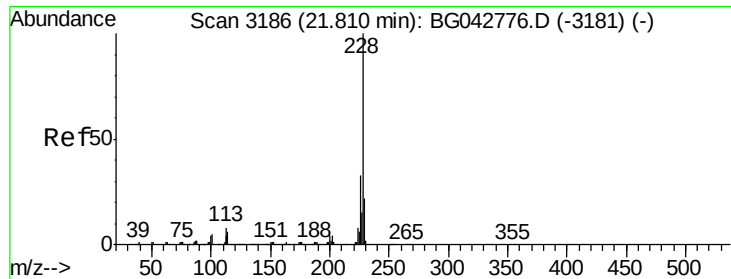
Ion Ratio Lower Upper

252 100

254 65.7 52.2 78.2

126 8.4 7.0 10.4





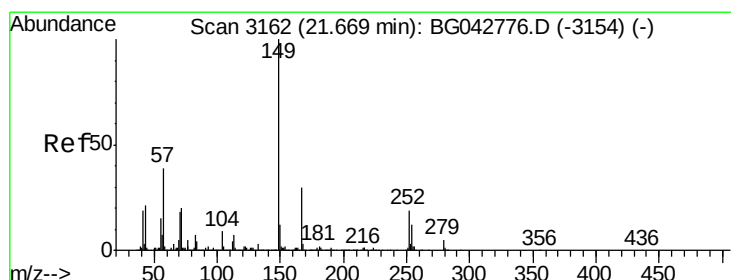
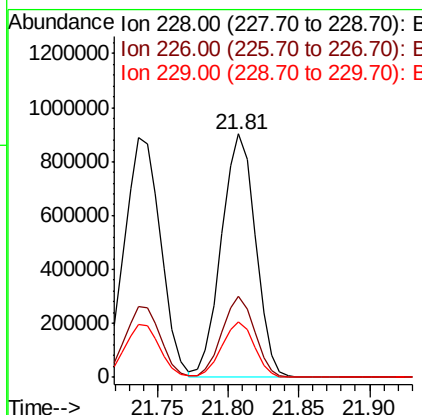
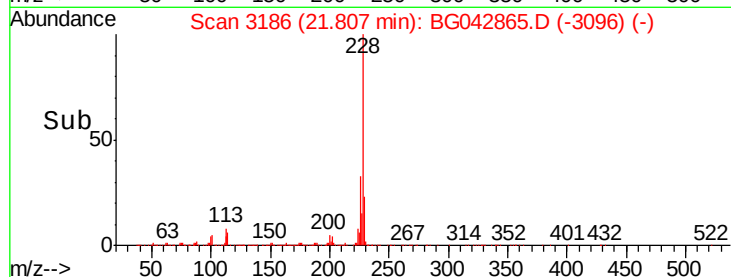
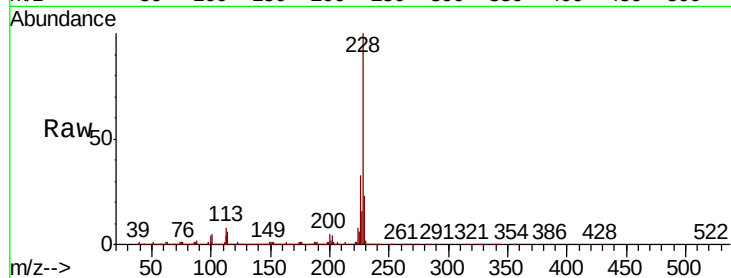
#83
Chrysene
Concen: 42.661 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion:228 Resp: 1512453
Ion Ratio Lower Upper
228 100
226 33.4 26.0 39.0
229 22.8 17.1 25.7

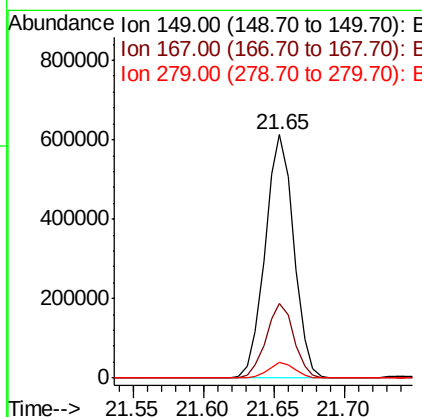
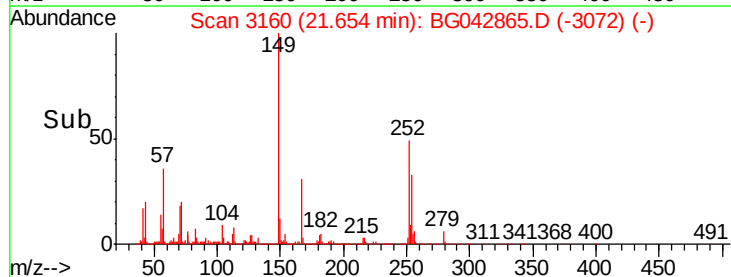
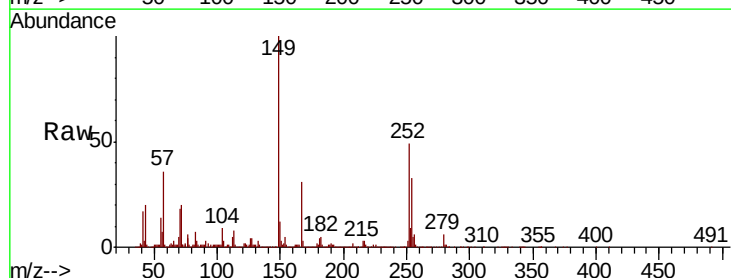
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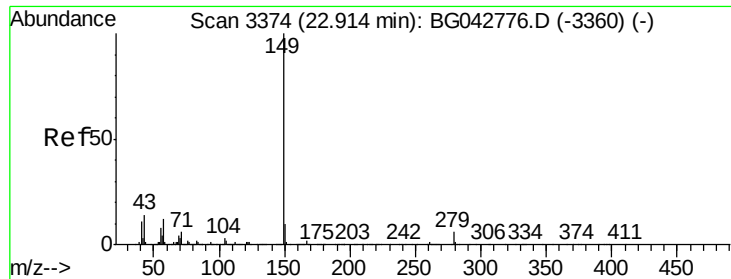
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.739 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion:149 Resp: 871011
Ion Ratio Lower Upper
149 100
167 30.7 24.3 36.5
279 6.3 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 42.835 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampled :

SB-23-COMPMS

Tot Ion:149 Resp: 1488203

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

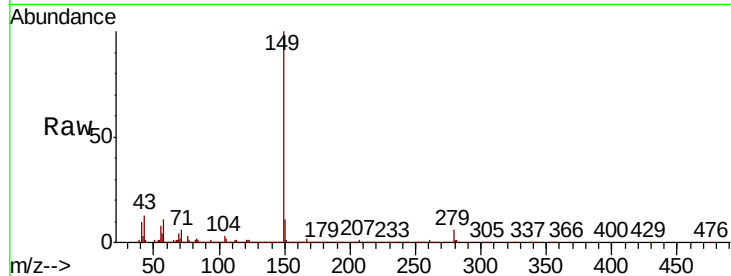
43 12.8 10.6 15.8

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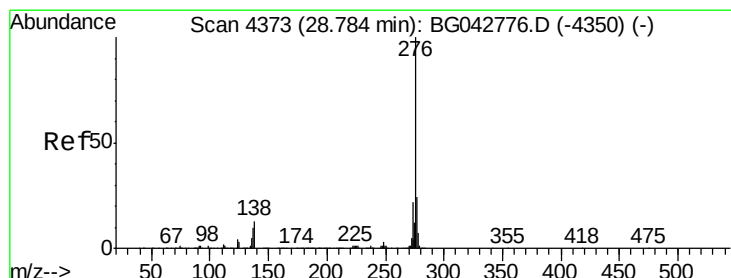
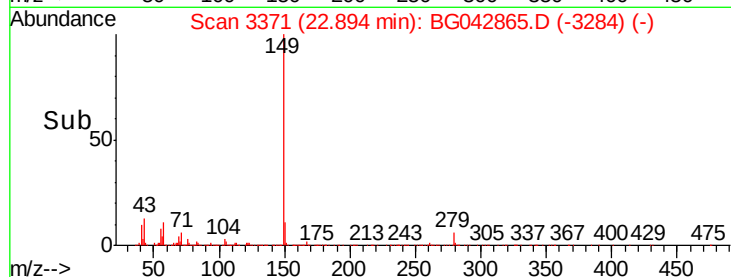
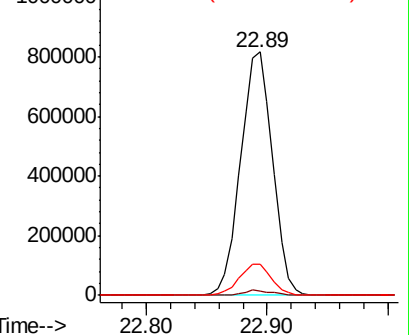
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.790 ng

RT: 28.78 min Scan# 4372

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

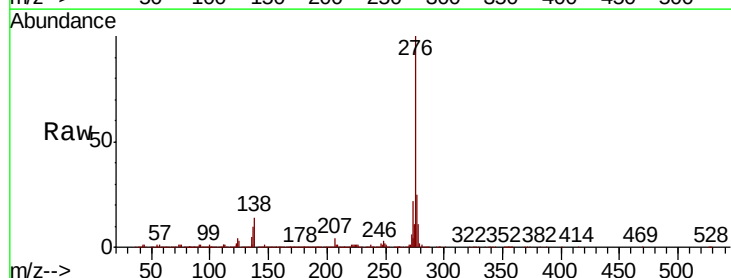
Tgt Ion:276 Resp: 1878648

Ion Ratio Lower Upper

276 100

138 12.6 9.3 13.9

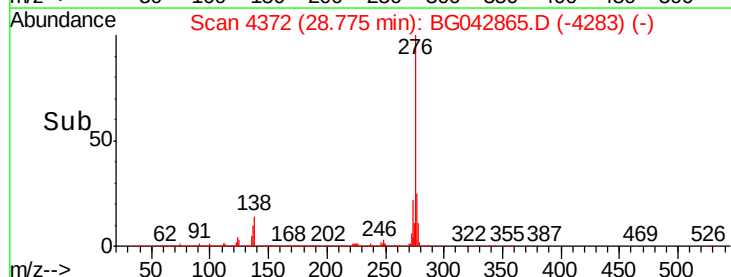
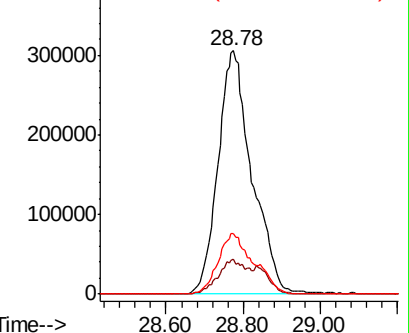
277 26.2 17.2 25.8#

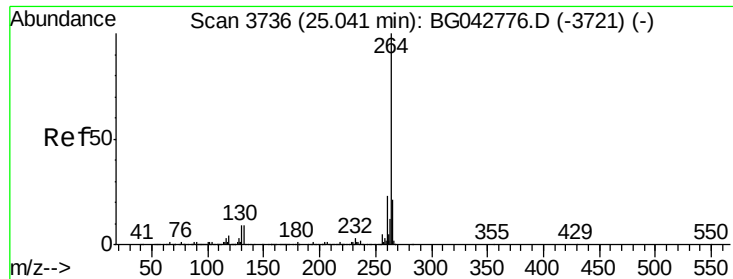


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

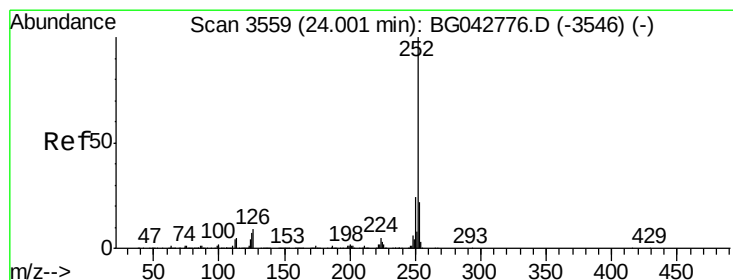
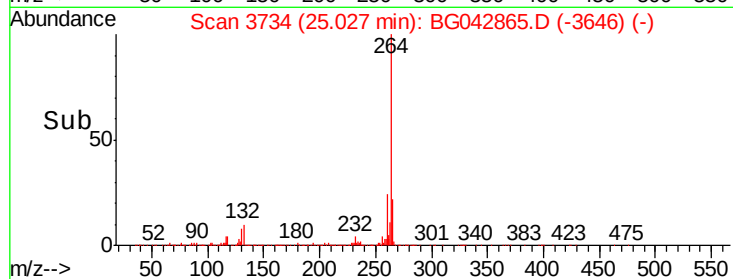
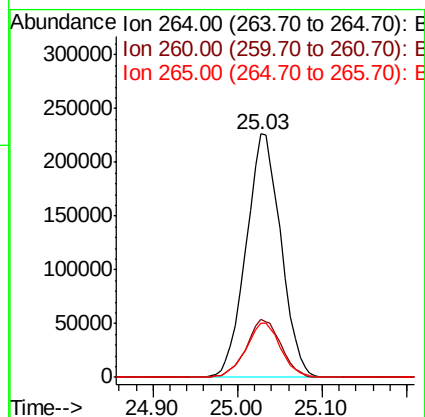
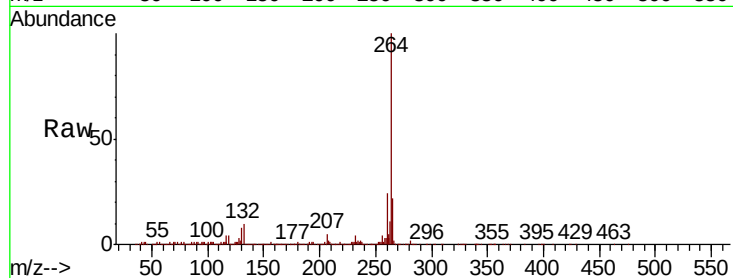
ClientSampleId :

SB-23-COMPMS

Tot Ion:	264	Resp:	647947
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.2	27.2
265	22.2	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 42.964 ng

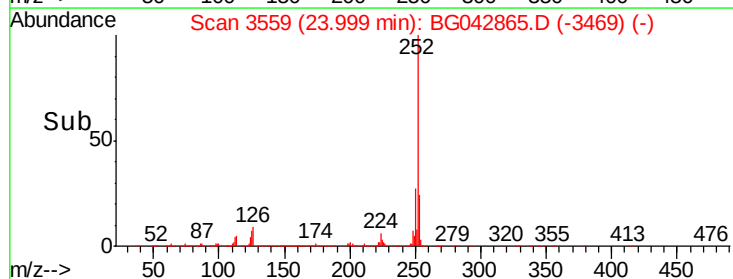
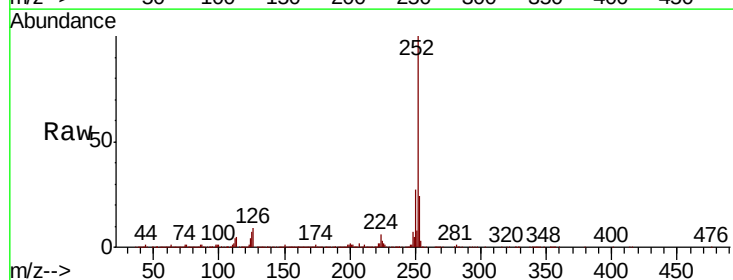
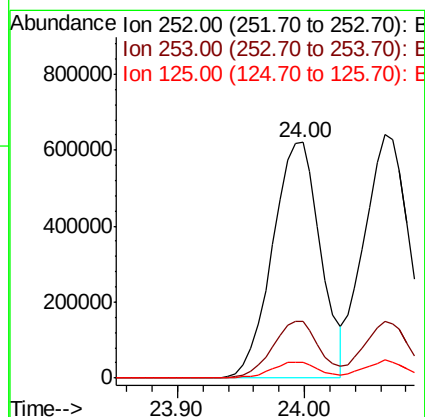
RT: 24.00 min Scan# 3559

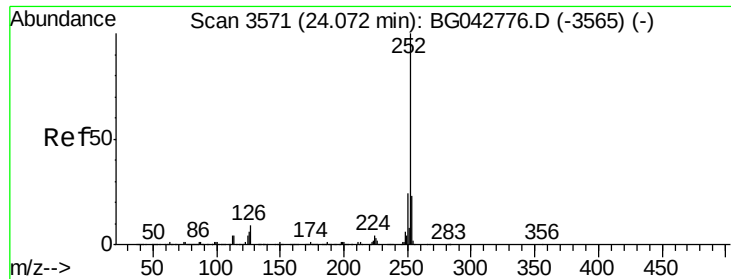
Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Tgt Ion:	252	Resp:	1634606
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.9	26.9
125	6.9	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 44.066 ng

RT: 24.06 min Scan# 3570

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

SB-23-COMPMS

Tot Ion:252 Resp: 1583675

Ion Ratio Lower Upper

252 100

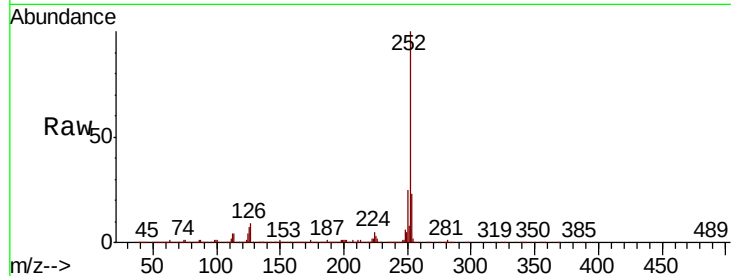
253 23.2 18.2 27.4

125 7.3 5.3 7.9

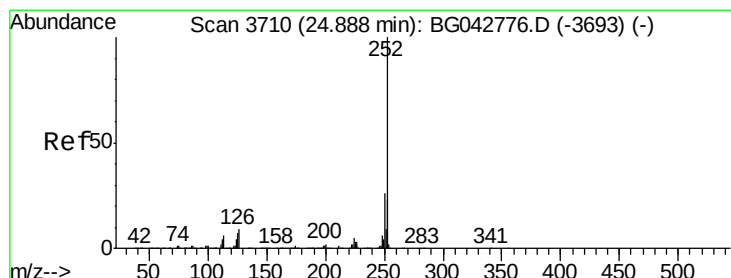
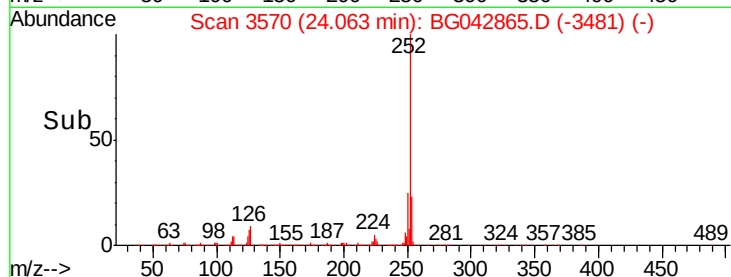
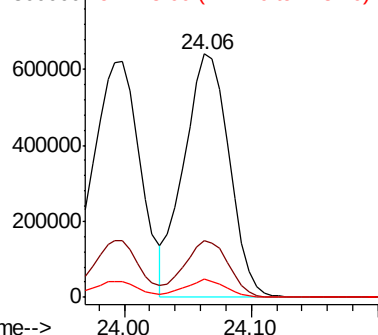
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.616 ng

RT: 24.88 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

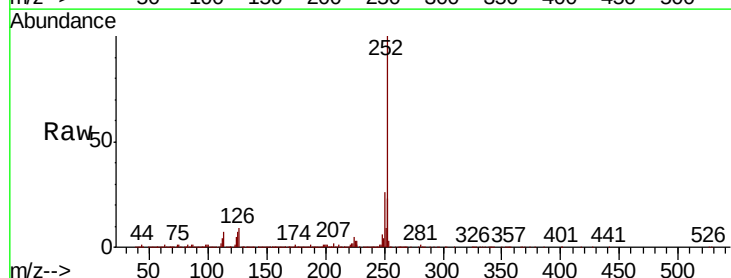
Tgt Ion:252 Resp: 1589455

Ion Ratio Lower Upper

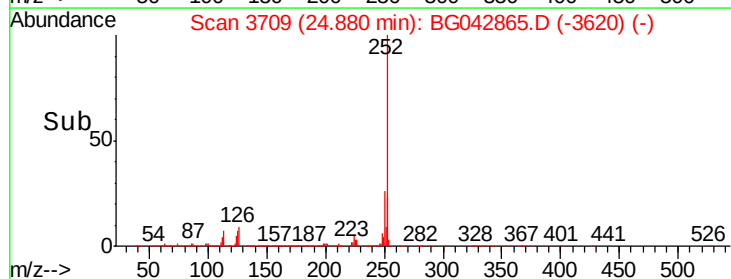
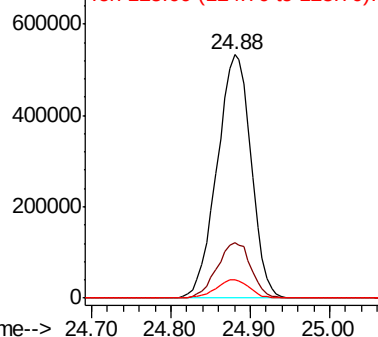
252 100

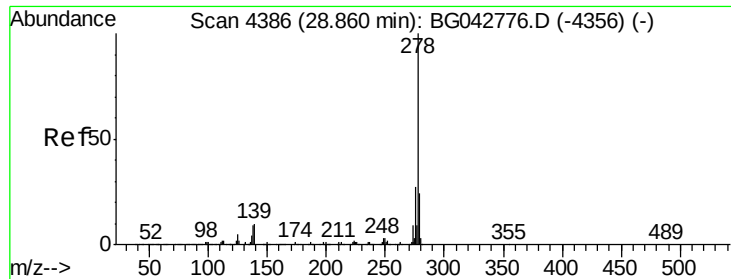
253 22.9 18.1 27.1

125 7.4 5.7 8.5



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





#91

Dibenzo(a,h)anthracene

Concen: 44.781 ng

RT: 28.85 min Scan# 4385

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

SB-23-COMPMS

Tot Ion:278 Resp: 1569049

Ion Ratio Lower Upper

278 100

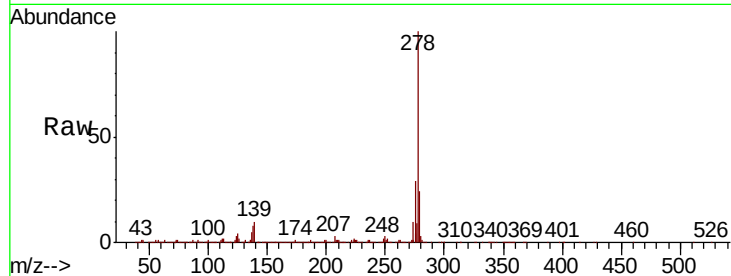
139 10.3 8.2 12.2

279 24.2 19.4 29.2

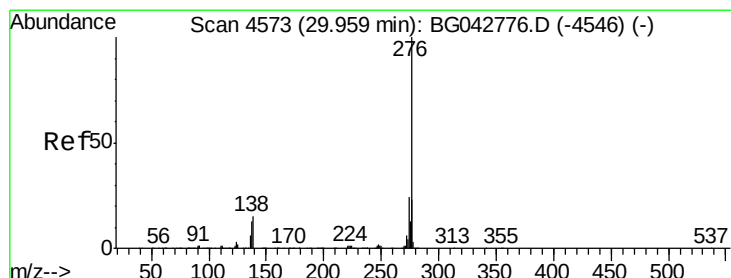
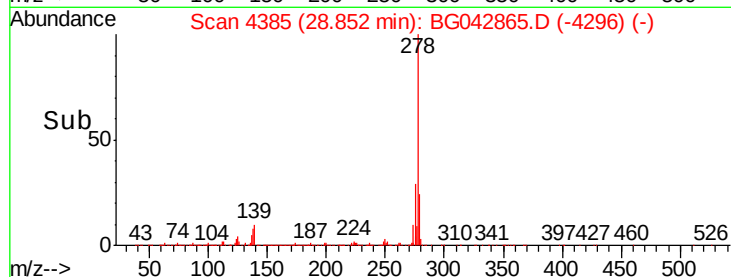
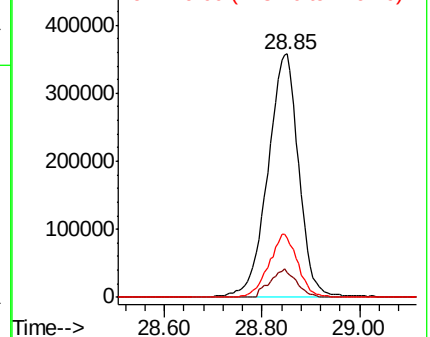
Manual Integrations
APPROVED

mohammad

9/17/2019 1:26:54 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.972 ng

RT: 29.94 min Scan# 4570

Delta R.T. -0.02 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

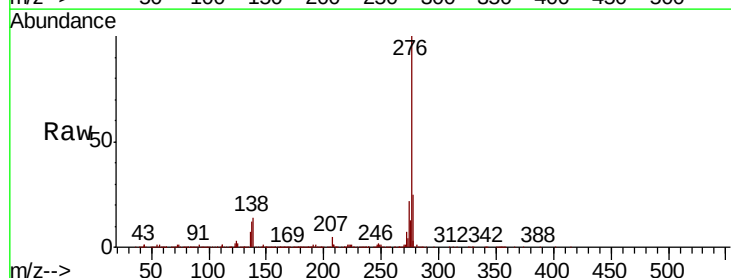
Tgt Ion:276 Resp: 1536994

Ion Ratio Lower Upper

276 100

277 24.7 18.4 27.6

138 13.9 11.8 17.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

