

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042866.D
 Acq On : 17 Sep 2019 2:13
 Operator : HP/JU
 Sample : K4846-08MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMSD

Manual Integrations
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 9/17/2019 1:26:57 PM

Quant Time: Sep 17 04:59:55 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	104480	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	415749	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	285457	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	636644	20.00	ng	0.00
76) Chrysene-d12	21.76	240	605357	20.00	ng	0.00
87) Perylene-d12	25.04	264	663596	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	612385	101.90	ng	0.00
7) Phenol-d6	7.27	99	911345	105.65	ng	0.00
23) Nitrobenzene-d5	9.28	82	577482	72.32	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	396791	104.48	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1192324	66.12	ng	-0.01
79) Terphenyl-d14	20.08	244	1852794	67.83	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	87765	32.000	ng	# 94
3) Pyridine	3.98	79	243972	29.544	ng	96
4) n-Nitrosodimethylamine	3.89	42	149356	37.170	ng	95
6) Aniline	7.44	93	336374	28.904	ng	99
8) 2-Chlorophenol	7.69	128	302185	46.518	ng	97
9) Benzaldehyde	7.25	77	213761	38.082	ng	97
10) Phenol	7.30	94	438665	49.589	ng	95
11) bis(2-Chloroethyl)ether	7.53	93	294120	43.323	ng	95
12) 1,3-Dichlorobenzene	8.01	146	318366	40.181	ng	98
13) 1,4-Dichlorobenzene	8.16	146	324122	40.860	ng	99
14) 1,2-Dichlorobenzene	8.47	146	307227	40.687	ng	99
15) Benzyl Alcohol	8.35	79	320124	43.245	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	545021	36.557	ng	98
17) 2-Methylphenol	8.56	107	267476	45.196	ng	96
18) Hexachloroethane	9.21	117	118337	40.407	ng	90
19) n-Nitroso-di-n-propylamine	8.92	70	259711	40.861	ng	89
20) 3+4-Methylphenols	8.88	107	370021	45.357	ng	97
22) Acetophenone	8.94	105	452741	43.119	ng	# 97
24) Nitrobenzene	9.32	77	382758	45.664	ng	95
25) Isophorone	9.85	82	698804	41.982	ng	97
26) 2-Nitrophenol	10.03	139	176275	53.481	ng	99
27) 2,4-Dimethylphenol	10.09	122	284343	48.769	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	395035	42.556	ng	100
29) 2,4-Dichlorophenol	10.57	162	318288	46.977	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	353409	42.723	ng	97
31) Naphthalene	10.98	128	907777	44.224	ng	100
32) Benzoic acid	10.22	122	227074	48.133	ng	97
33) 4-Chloroaniline	11.08	127	243961	25.428	ng	97
34) Hexachlorobutadiene	11.27	225	235264	40.593	ng	96
35) Caprolactam	11.85	113	114466m	45.432	ng	
36) 4-Chloro-3-methylphenol	12.19	107	347043	47.175	ng	97
37) 2-Methylnaphthalene	12.57	142	681977	44.352	ng	98
38) 1-Methylnaphthalene	12.79	142	636185	44.113	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	426783	45.244	ng	98

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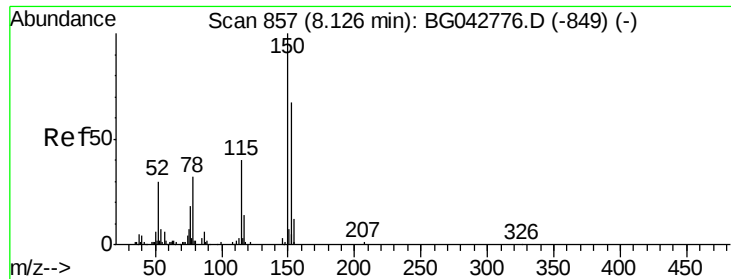
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Quant Time: Sep 17 04:59:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	356715	66.012	nq	98
43) 2,4,6-Trichlorophenol	13.17	196	293181	46.685	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	315525	49.052	nq	96
46) 1,1'-Biphenyl	13.57	154	897683	44.921	nq	98
47) 2-Chloronaphthalene	13.62	162	713934	43.187	nq	98
48) 2-Nitroaniline	13.81	65	265391	46.279	nq	98
49) Acenaphthylene	14.46	152	1134866	44.923	nq	97
50) Dimethylphthalate	14.19	163	980925	45.871	nq	99
51) 2,6-Dinitrotoluene	14.30	165	214192	48.815	nq	92
52) Acenaphthene	14.80	154	769391	46.619	nq	98
53) 3-Nitroaniline	14.62	138	180592	36.672	nq	96
54) 2,4-Dinitrophenol	14.83	184	160390	74.252	nq	# 74
55) Dibenzofuran	15.14	168	1087698	44.339	nq	97
56) 4-Nitrophenol	14.93	139	371904	97.673	nq	94
57) 2,4-Dinitrotoluene	15.08	165	296196	50.644	nq	99
58) Fluorene	15.78	166	895573	44.051	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	302270m	48.475	nq	
60) Diethylphthalate	15.55	149	897484	41.346	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	513205	42.693	nq	97
62) 4-Nitroaniline	15.79	138	217075	40.894	nq	97
63) Azobenzene	16.06	77	906094	43.348	nq	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	134583	49.405	nq	100
66) n-Nitrosodiphenylamine	15.98	169	808671	47.204	nq	97
67) 4-Bromophenyl-phenylether	16.66	248	350156	45.441	nq	97
68) Hexachlorobenzene	16.79	284	369707	44.901	nq	96
69) Atrazine	16.93	200	310362	52.024	nq	98
70) Pentachlorophenol	17.13	266	487451	99.795	nq	96
71) Phenanthrene	17.52	178	1392732	45.743	nq	98
72) Anthracene	17.62	178	1422968	46.780	nq	98
73) Carbazole	17.87	167	1324308	45.806	nq	96
74) Di-n-butylphthalate	18.44	149	1492364	43.091	nq	99
75) Fluoranthene	19.52	202	1721684	43.631	nq	96
77) Benzidine	19.70	184	800198	47.313	nq	99
78) Pyrene	19.89	202	1713992	45.225	nq	96
80) Butylbenzylphthalate	20.77	149	695881	45.369	nq	98
81) Benzo(a)anthracene	21.74	228	1696658	44.081	nq	97
82) 3,3'-Dichlorobenzidine	21.65	252	612506	40.949	nq	99
83) Chrysene	21.81	228	1629241	44.688	nq	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	942067	44.951	nq	100
85) Di-n-octyl phthalate	22.89	149	1605033	44.924	nq	99
86) Indeno(1,2,3-cd)pyrene	28.78	276	2042813	45.246	nq	# 92
88) Benzo(b)fluoranthene	24.00	252	1789531	45.927	nq	98
89) Benzo(k)fluoranthene	24.07	252	1687408	45.845	nq	99
90) Benzo(a)pyrene	24.88	252	1730870	47.440	nq	99
91) Dibenzo(a,h)anthracene	28.85	278	1692414	47.162	nq	99
92) Benzo(g,h,i)perylene	29.94	276	1643908	46.966	nq	98

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



#1

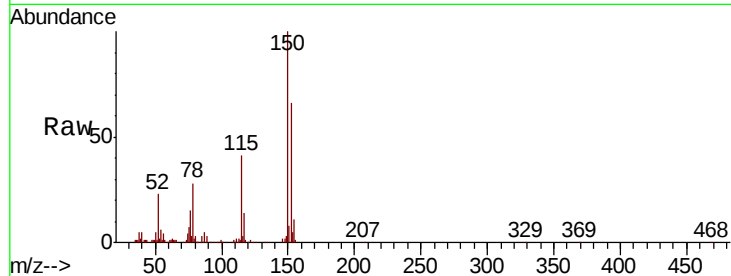
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	118.9	178.3
115	62.0	47.4	71.2

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Abundance

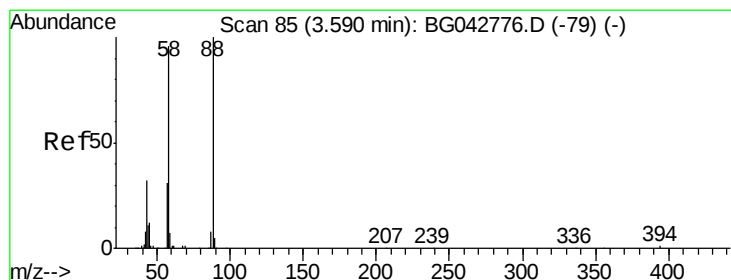
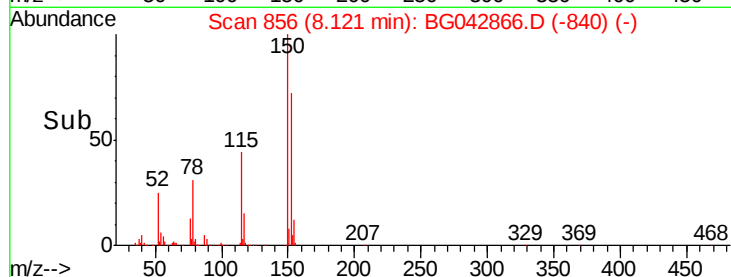
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

8.12

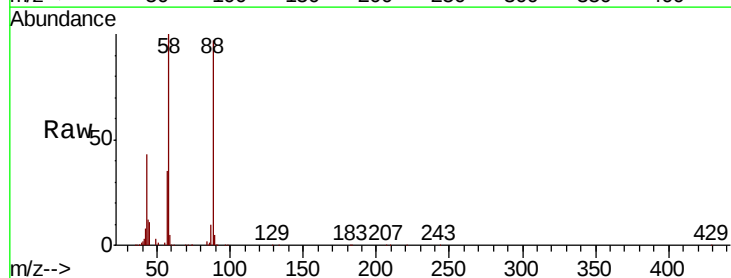
Time-->



#2

1,4-Dioxane
Concen: 32.000 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.6	79.1	118.7
43	46.4	30.4	45.6



Abundance

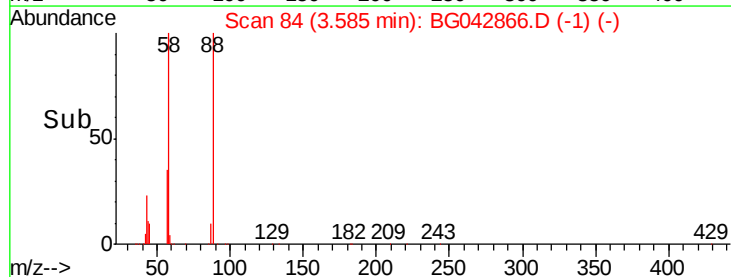
Ion 88.00 (87.70 to 88.70): BGC

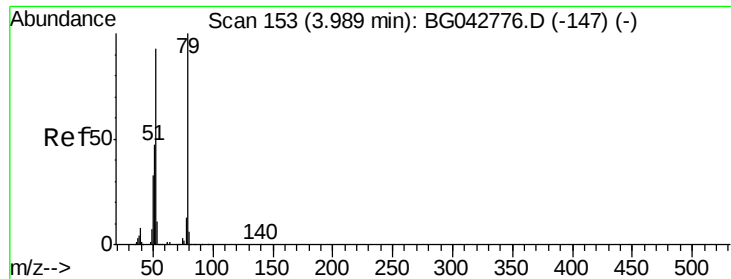
Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

3.58

Time-->





#3

Pvridine

Concen: 29.544 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.01 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Instrument :

BNA_G

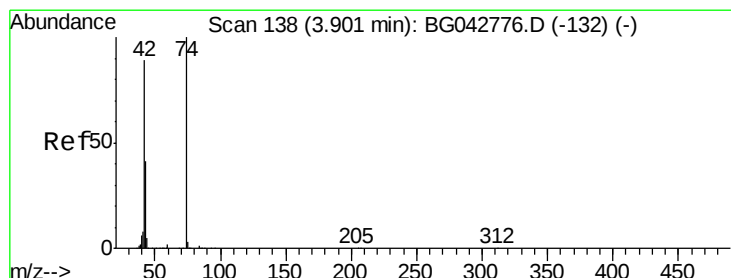
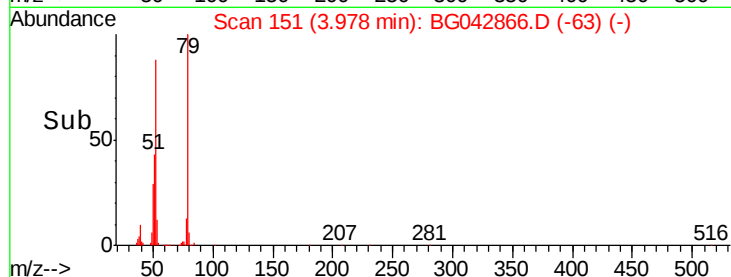
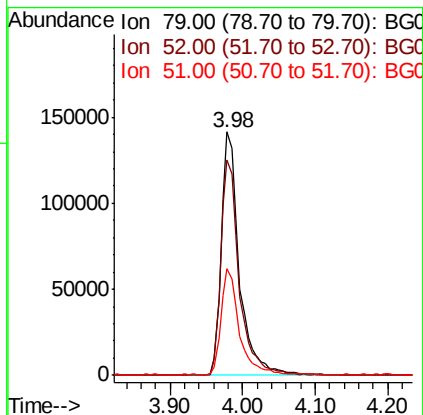
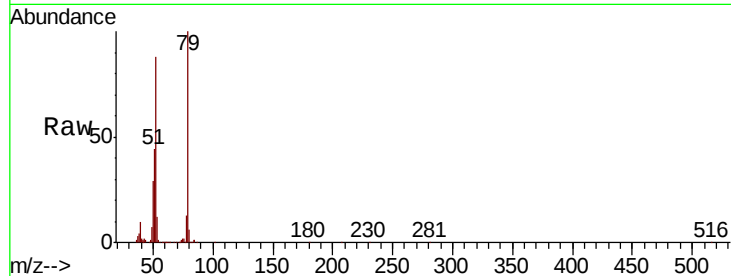
ClientSampleId :

SB-23-COMPMSD

Tot Ion:	79	Resp:	243972
Ion	Ratio	Lower	Upper
79	100		
52	88.3	74.0	111.0
51	43.8	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 37.170 ng

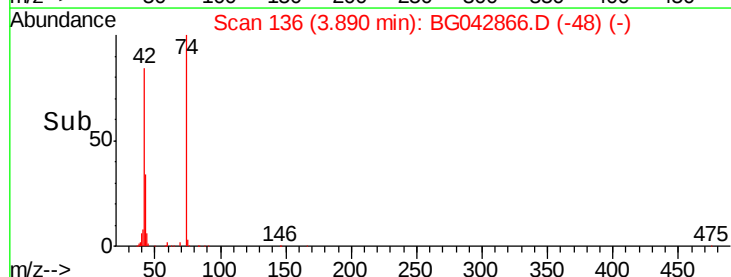
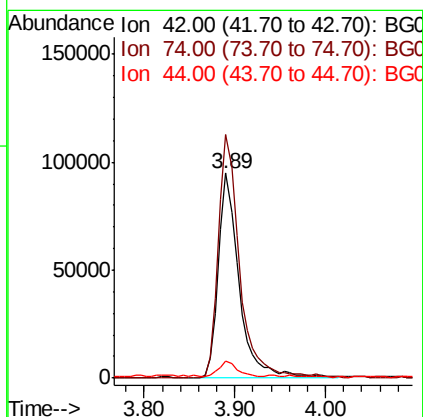
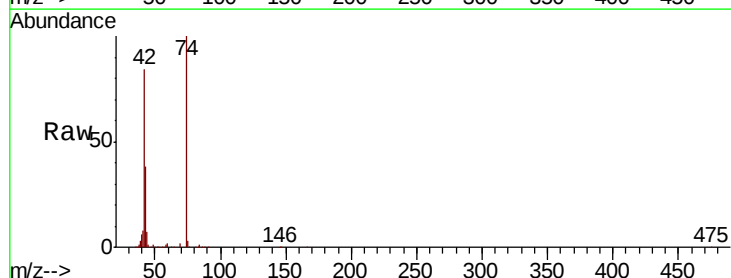
RT: 3.89 min Scan# 136

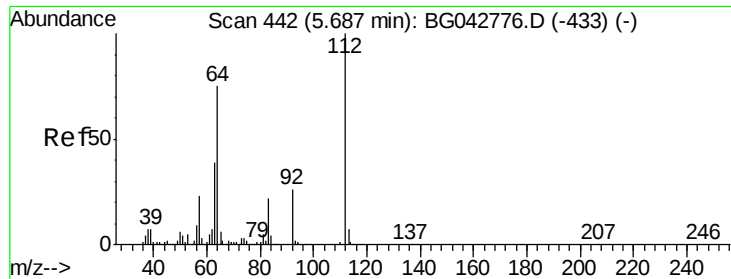
Delta R.T. -0.01 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Tgt Ion:	42	Resp:	149356
Ion	Ratio	Lower	Upper
42	100		
74	118.8	90.2	135.2
44	8.1	6.6	9.8





#5

2-Fluorophenol

Concen: 101.901 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Instrument :

BNA_G

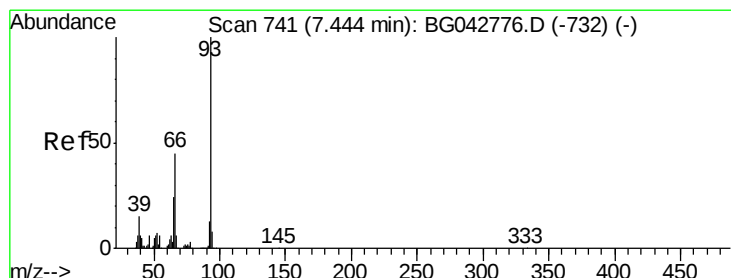
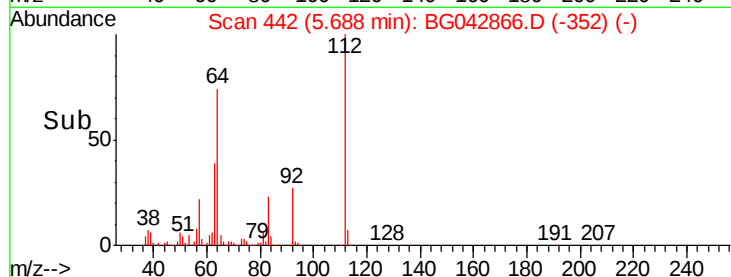
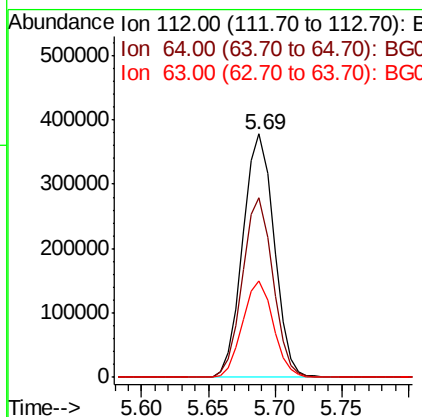
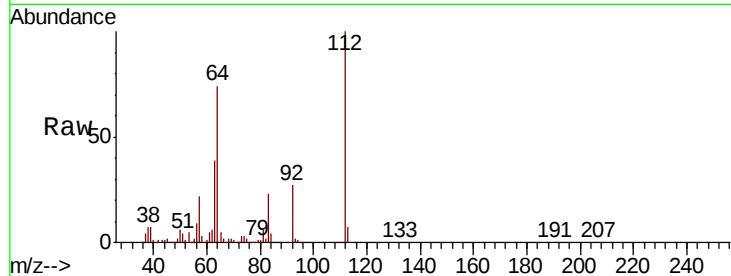
ClientSampleId :

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Tot Ion:	112	Resp:	612385
Ion Ratio	Lower	Upper	
112	100		
64	73.6	60.2	90.2
63	39.4	31.2	46.8

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#6

Aniline

Concen: 28.904 ng

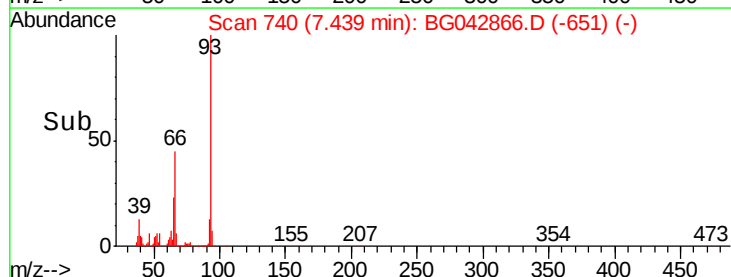
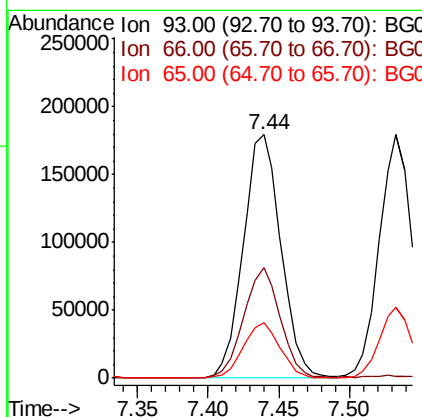
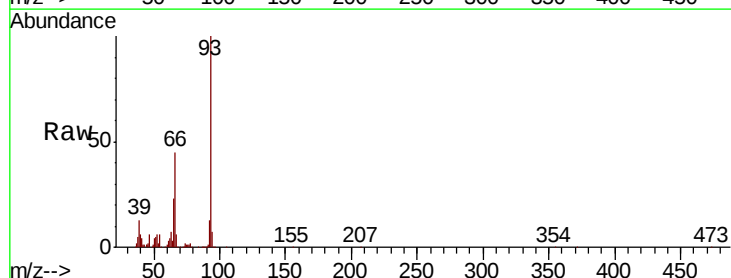
RT: 7.44 min Scan# 740

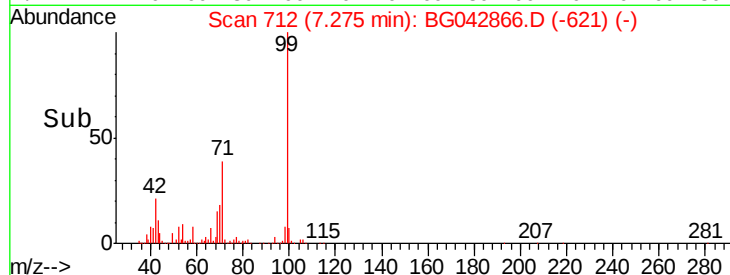
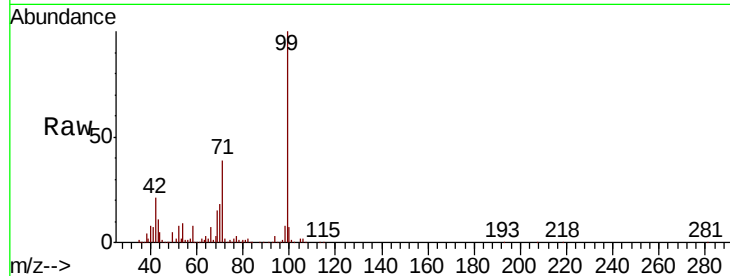
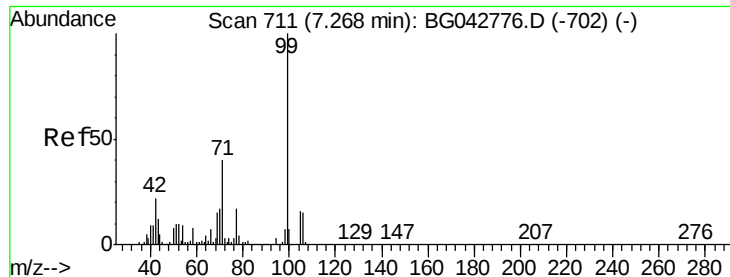
Delta R.T. -0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Tgt Ion:	93	Resp:	336374
Ion Ratio	Lower	Upper	
93	100		
66	45.5	36.3	54.5
65	22.8	19.3	28.9





#7

Phenol-d6

Concen: 105.653 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.01 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Tot Ion:	99	Resp:	911345
Ion Ratio	Lower	Upper	
99	100		
42	21.0	17.5	26.3
71	39.1	32.0	48.0

Instrument :

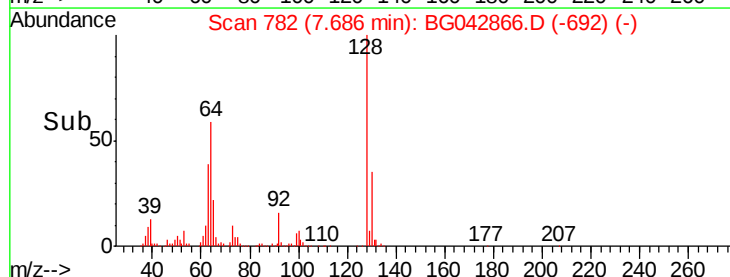
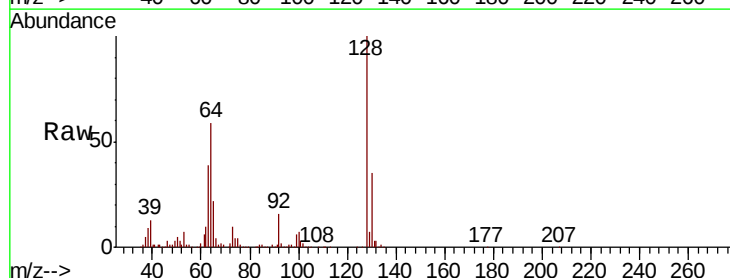
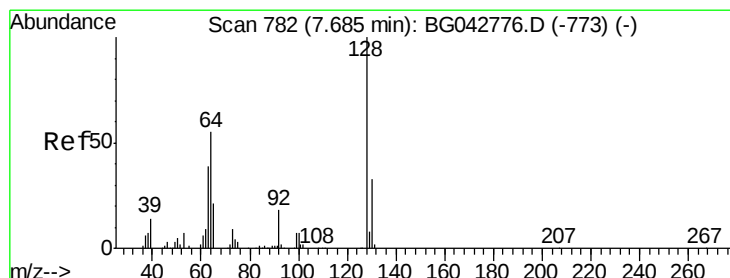
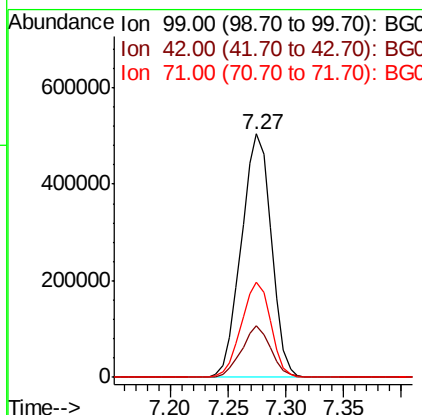
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#8

2-Chlorophenol

Concen: 46.518 ng

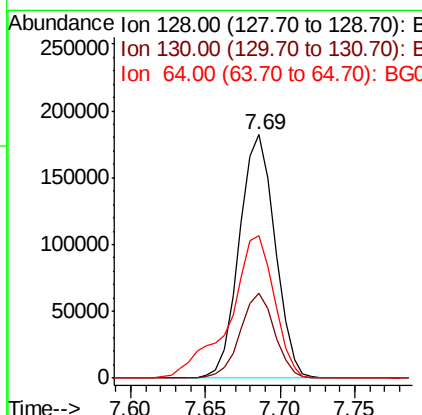
RT: 7.69 min Scan# 782

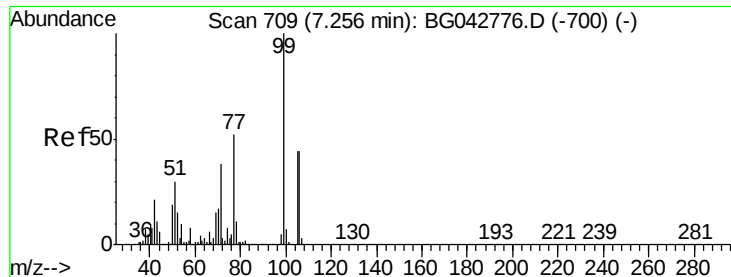
Delta R.T. 0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Tgt Ion:	128	Resp:	302185
Ion Ratio	Lower	Upper	
128	100		
130	35.0	12.8	52.8
64	58.6	36.8	76.8





#9

Benzaldehyde

Concen: 38.082 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Instrument :

BNA_G

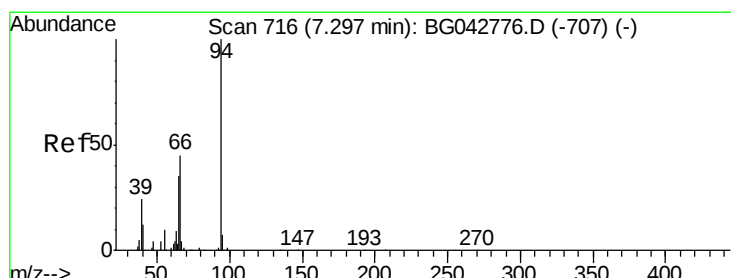
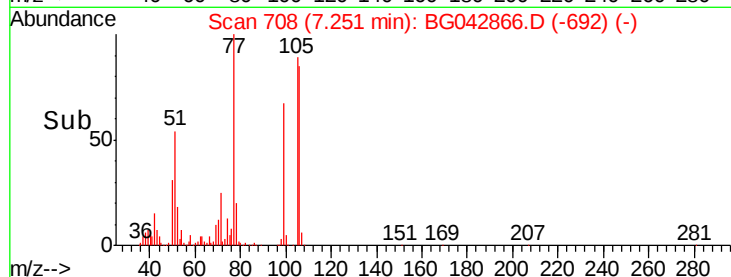
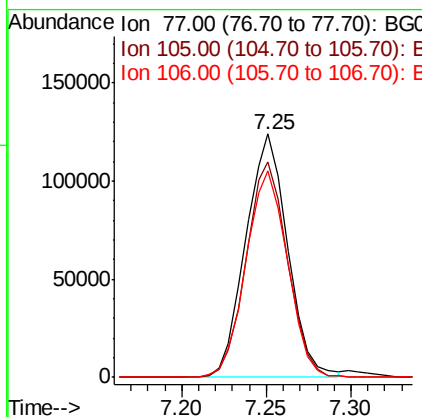
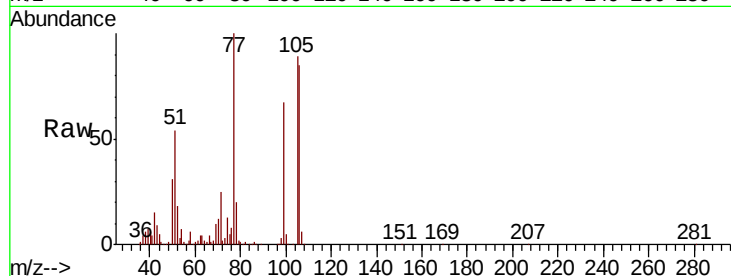
ClientSampleId :

SB-23-COMPMSD

Tot Ion:	77	Resp:	213761
Ion Ratio	Lower	Upper	
77	100		
105	88.6	64.5	104.5
106	84.9	63.4	103.4

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#10

Phenol

Concen: 49.589 ng

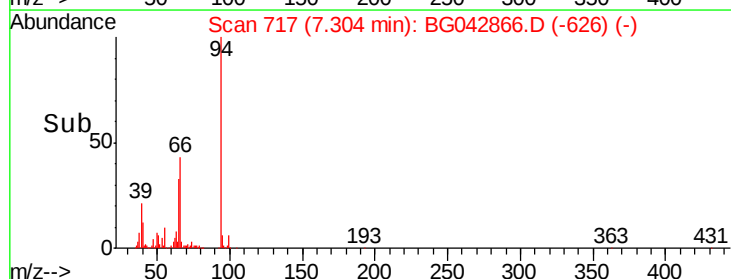
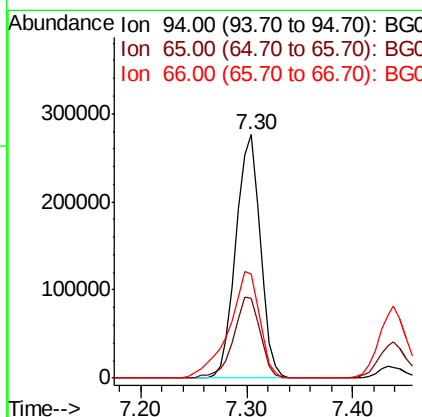
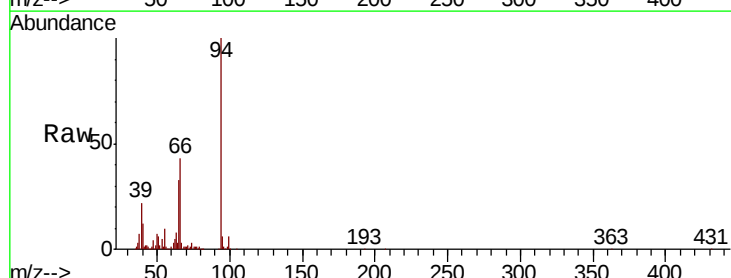
RT: 7.30 min Scan# 717

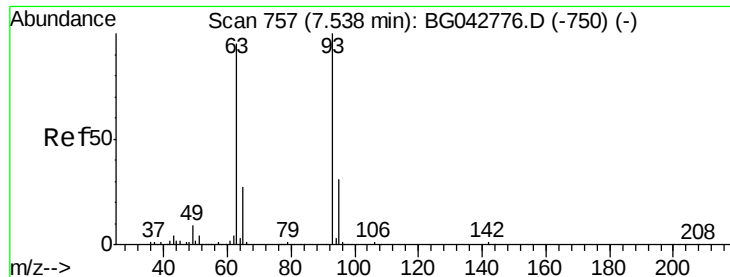
Delta R.T. 0.01 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Tgt Ion:	94	Resp:	438665
Ion Ratio	Lower	Upper	
94	100		
65	32.6	15.0	55.0
66	42.8	26.1	66.1





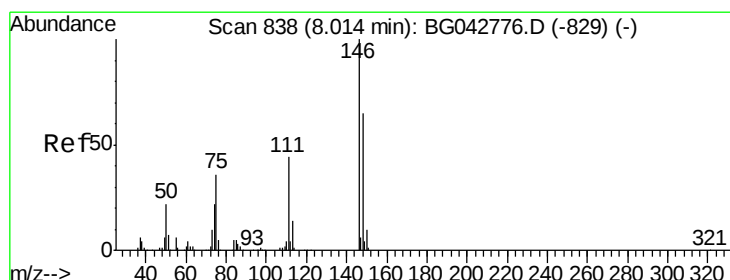
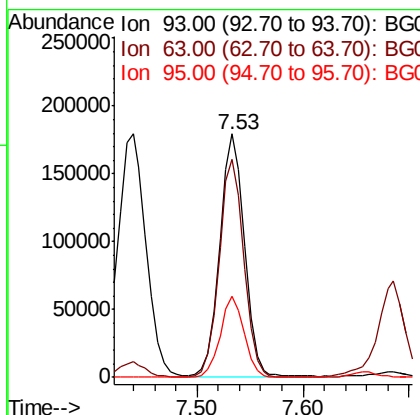
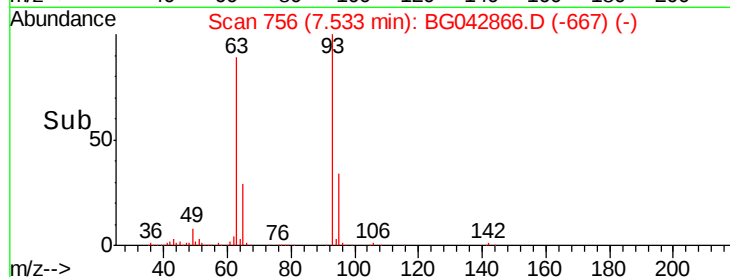
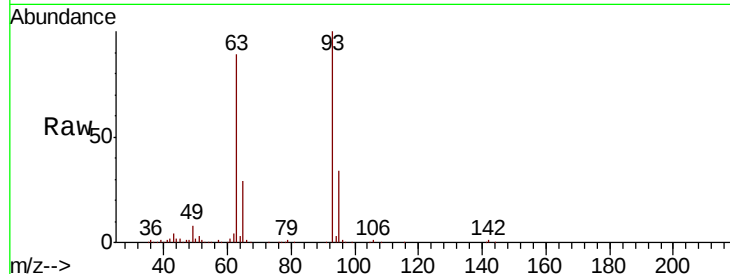
#11
bis(2-Chloroethyl)ether
Concen: 43.323 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		294120		
63	89.4	74.7	114.7		
95	33.5	11.1	51.1		

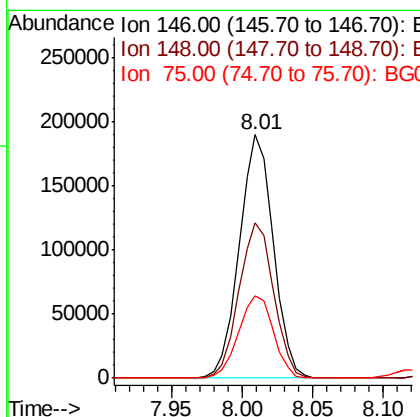
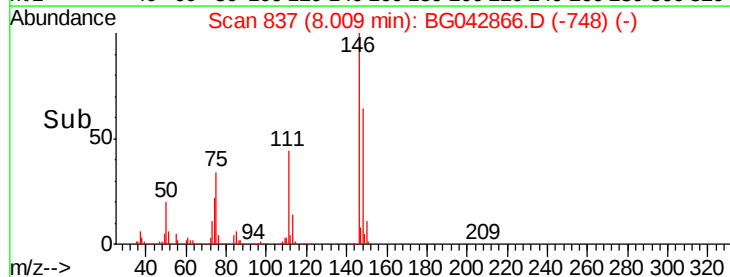
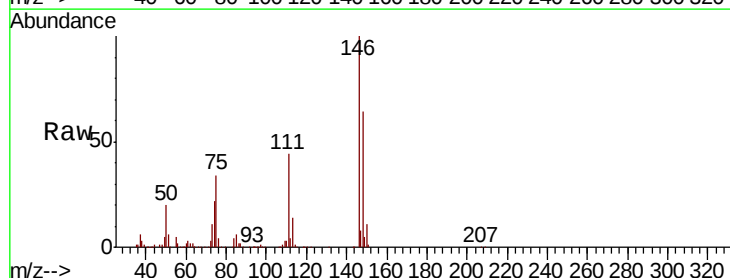
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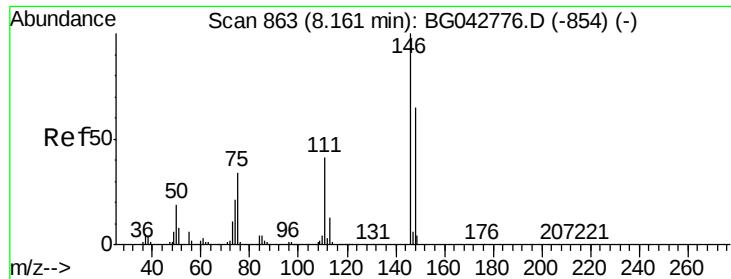
mohammad
9/17/2019 1:26:57 PM



#12
1,3-Dichlorobenzene
Concen: 40.181 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		318366		
148	63.9	51.9	77.9		
75	33.7	28.4	42.6		





#13

1,4-Dichlorobenzene

Concen: 40.860 ng

RT: 8.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Instrument :

BNA_G

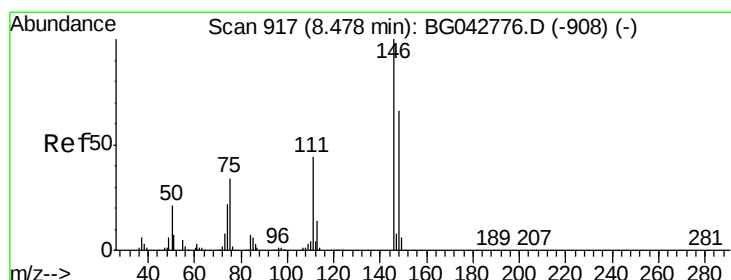
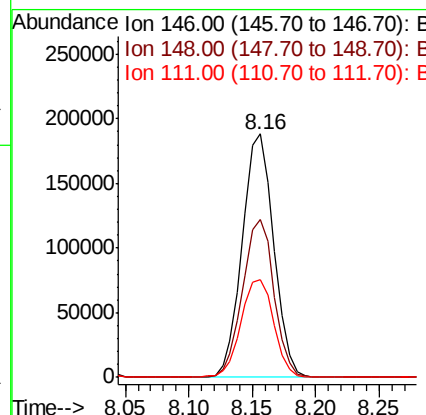
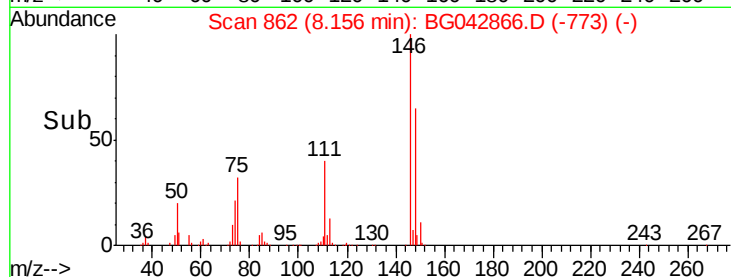
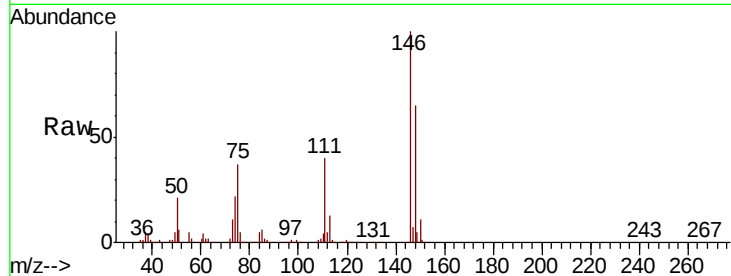
ClientSampleId :

SB-23-COMPMSD

Tot Ion:	146	Resp:	324122
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.2	78.4
111	40.2	32.6	49.0

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#14

1,2-Dichlorobenzene

Concen: 40.687 ng

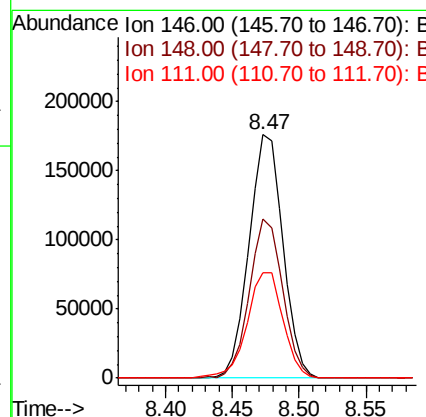
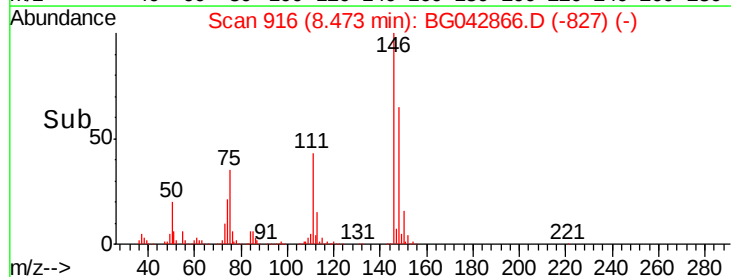
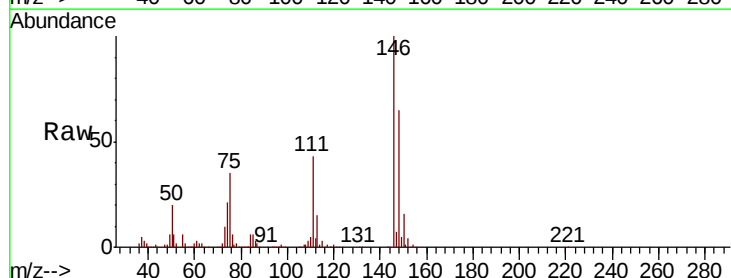
RT: 8.47 min Scan# 916

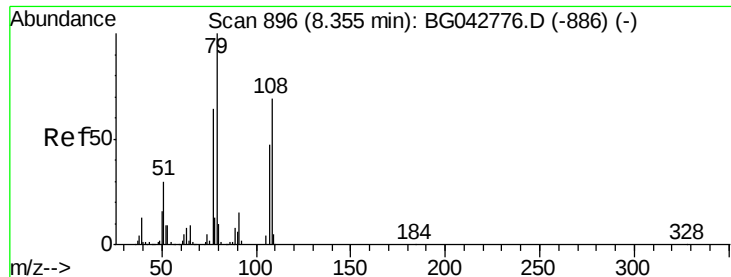
Delta R.T. -0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Tgt Ion:	146	Resp:	307227
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.6	78.8
111	43.4	35.3	52.9





#15

Benzyl Alcohol

Concen: 43.245 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Instrument :

BNA_G

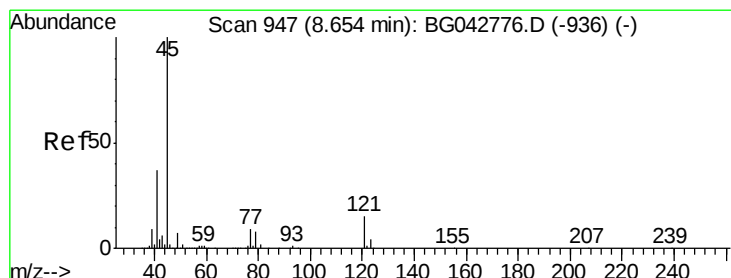
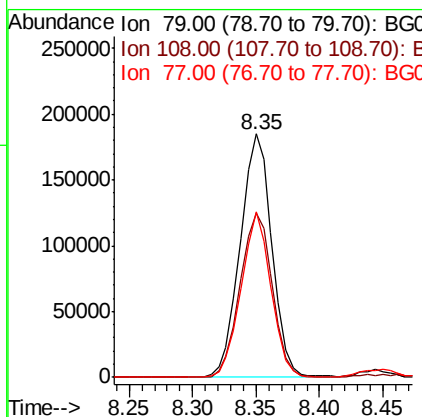
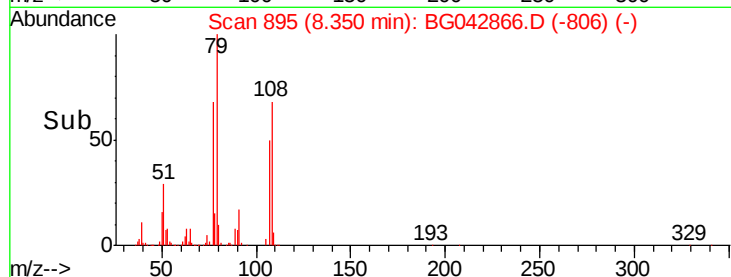
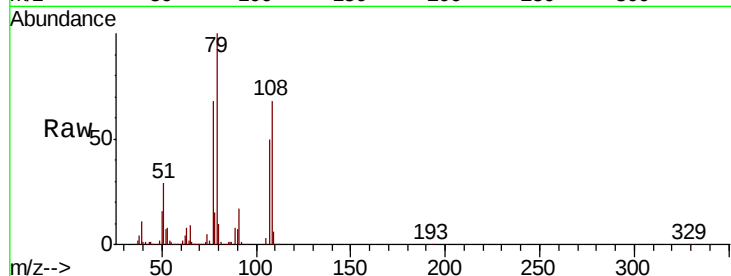
ClientSampleId :

SB-23-COMPMSD

Tot Ion:	79	Resp:	320124
Ion Ratio	Lower	Upper	
79	100		
108	67.7	54.9	82.3
77	68.1	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.557 ng

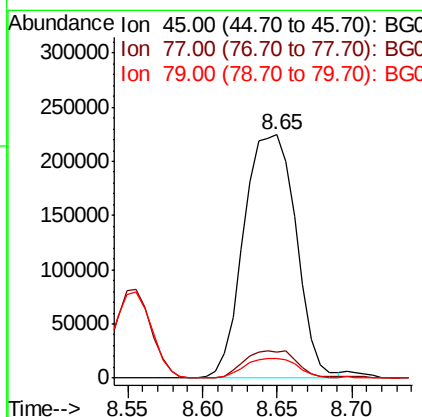
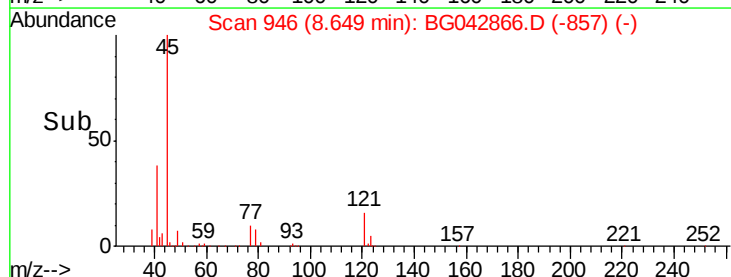
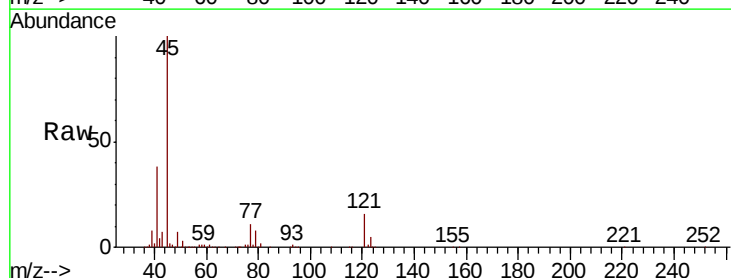
RT: 8.65 min Scan# 946

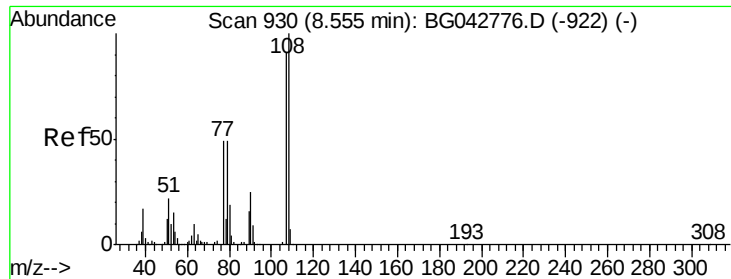
Delta R.T. -0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Tgt Ion:	45	Resp:	545021
Ion Ratio	Lower	Upper	
45	100		
77	10.9	0.0	29.4
79	8.2	0.0	28.4





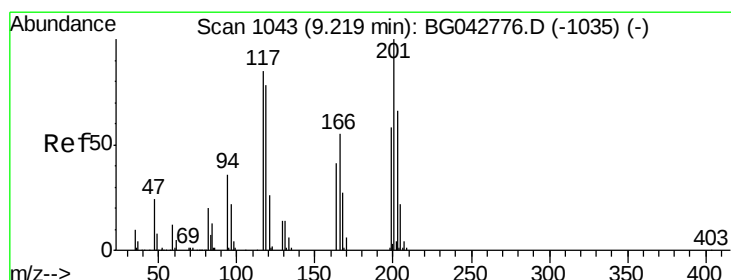
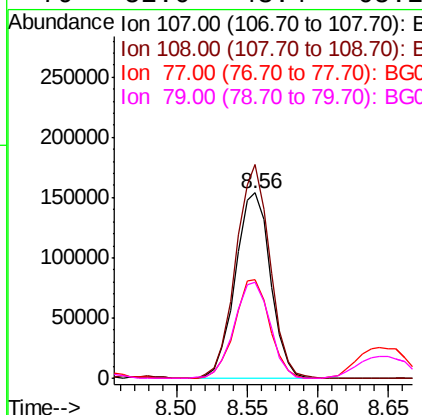
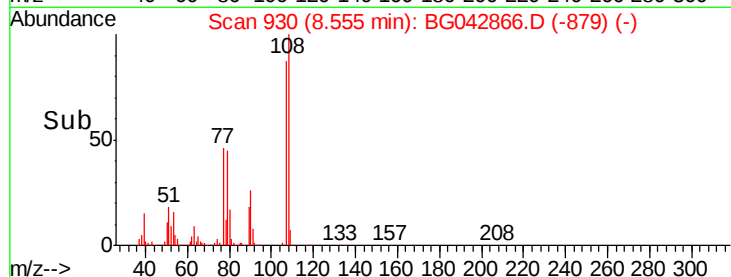
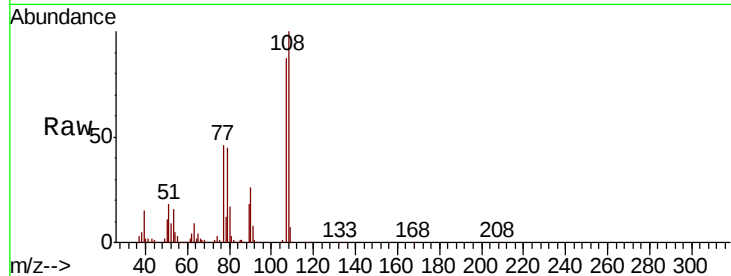
#17
2-Methylphenol
Concen: 45.196 ng
RT: 8.56 min Scan# 930
Delta R.T. 0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	87.7	131.5	
77	53.0	42.6	64.0	
79	52.0	43.4	65.2	

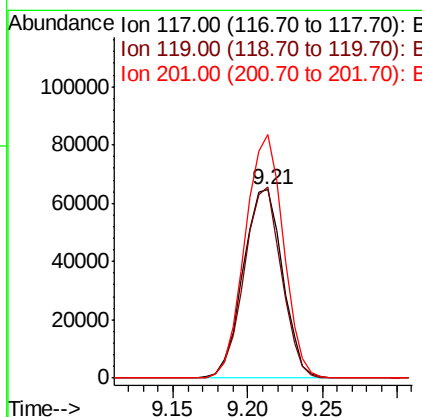
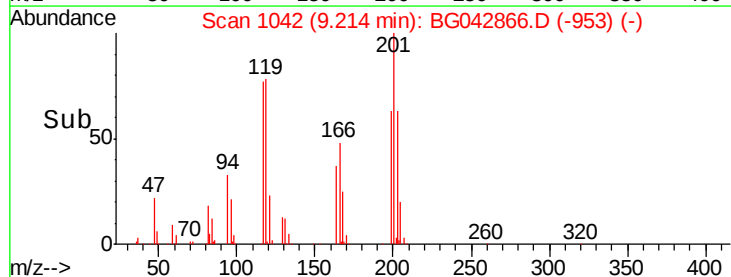
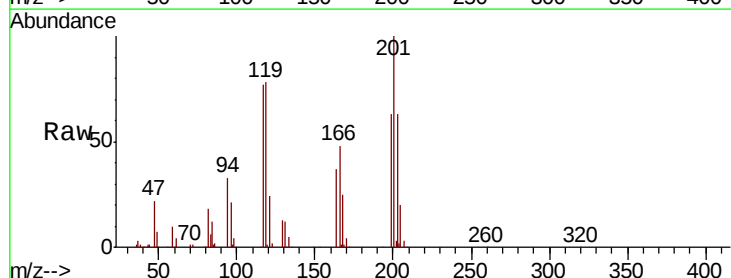
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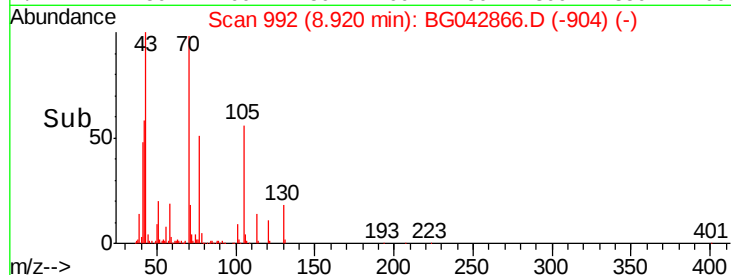
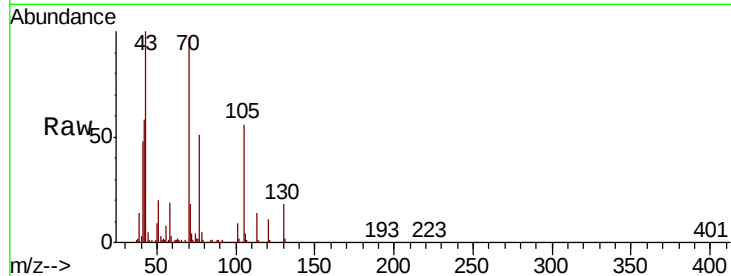
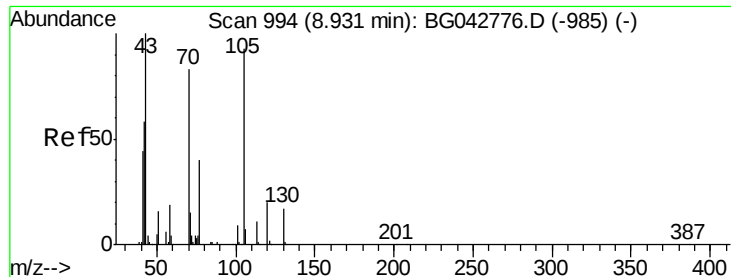
mohammad
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#18
Hexachloroethane
Concen: 40.407 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.3	73.8	110.8	
201	129.1	94.6	142.0	





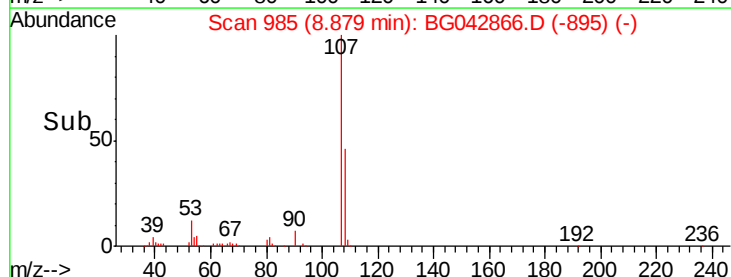
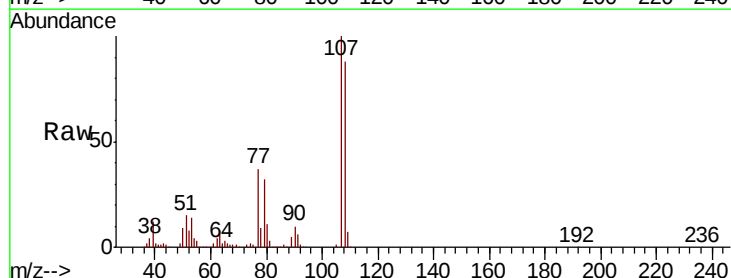
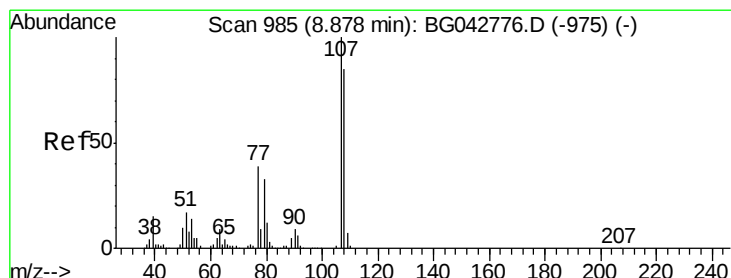
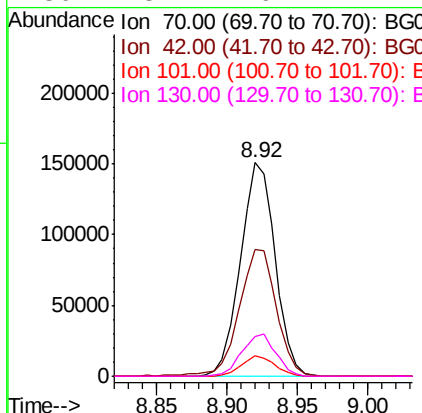
#19
n-Nitroso-di-n-propylamine
Concen: 40.861 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	59.5	57.0	85.6		
101	9.6	8.4	12.6		
130	18.7	16.1	24.1		

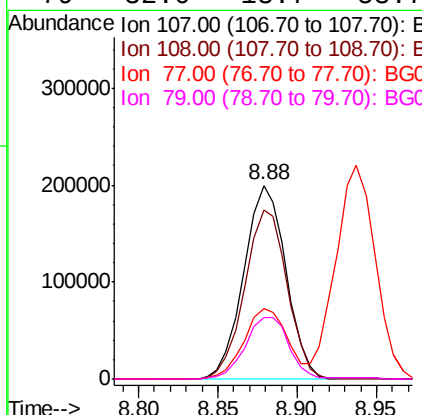
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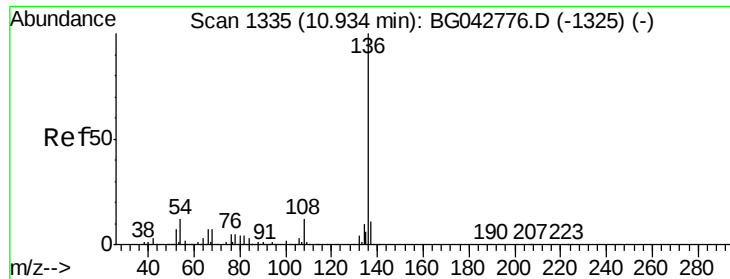
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#20
3+4-Methylphenols
Concen: 45.357 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.7	65.4	105.4		
77	36.6	18.7	58.7		
79	32.0	13.7	53.7		





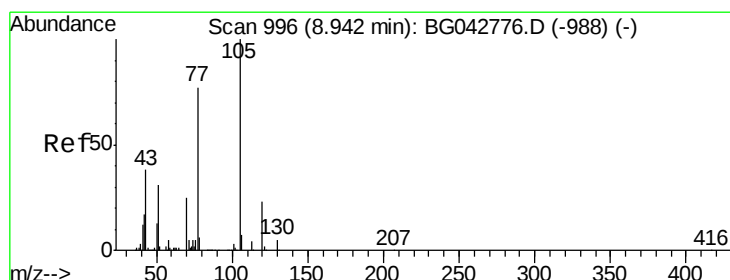
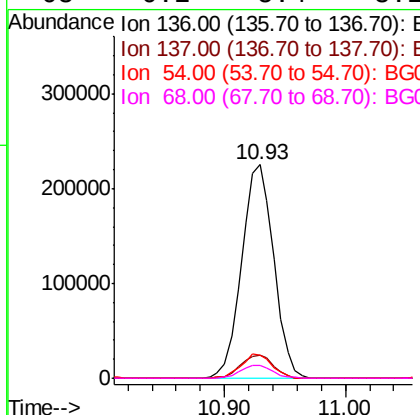
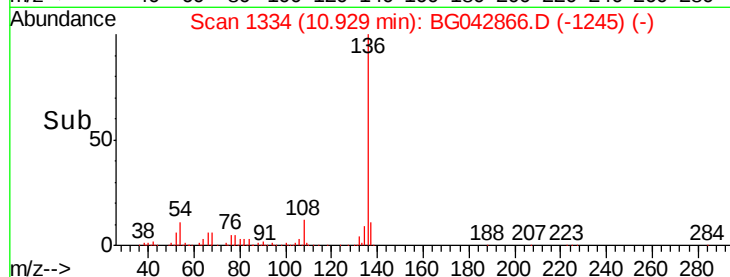
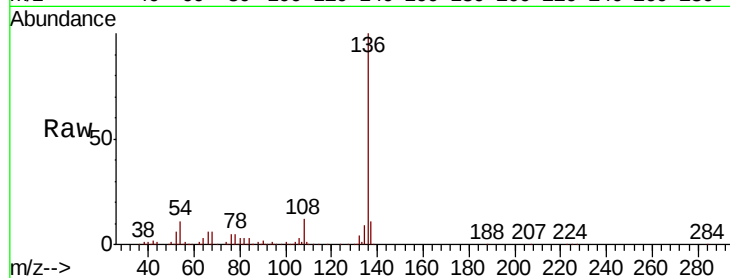
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		415749		
137	10.6	9.0	13.6		
54	10.6	9.4	14.0		
68	6.2	5.4	8.2		

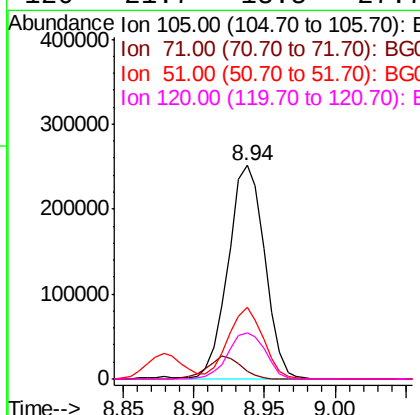
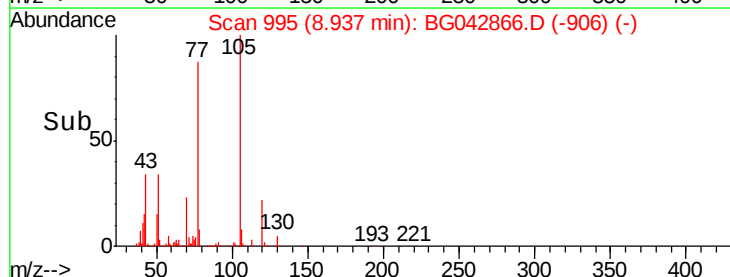
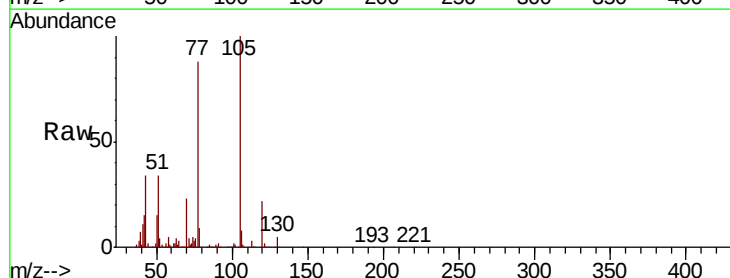
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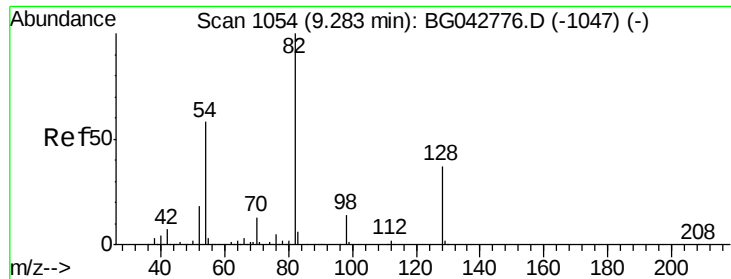
mohammad
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#22
Acetophenone
Concen: 43.119 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		452741		
71	3.6	3.7	5.5#		
51	33.6	28.8	43.2		
120	21.7	18.5	27.7		





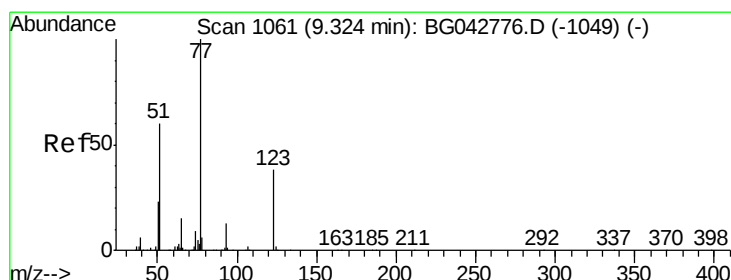
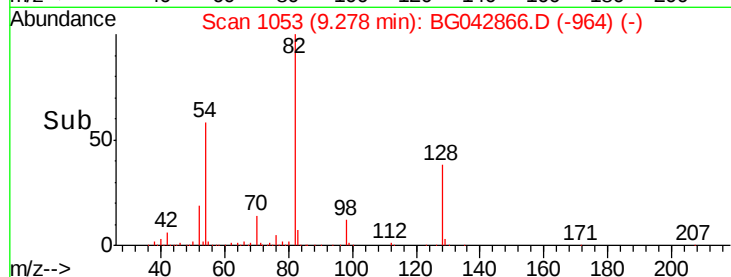
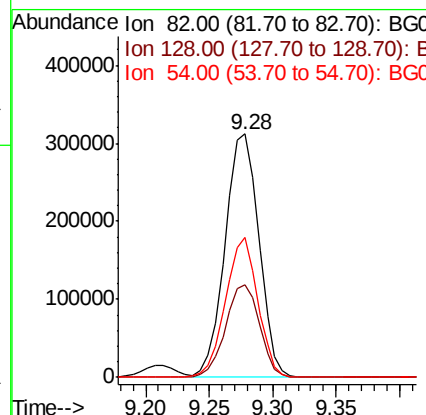
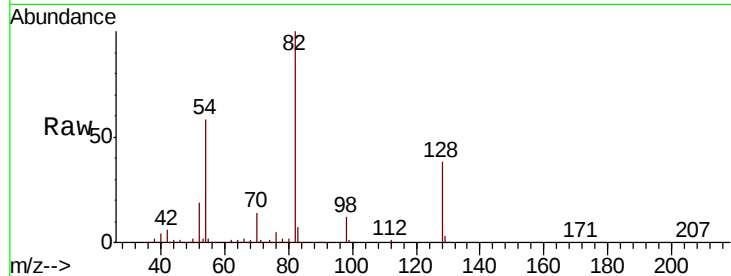
#23
Nitrobenzene-d5
Concen: 72.316 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.8	44.8
54	57.5	46.1	69.1

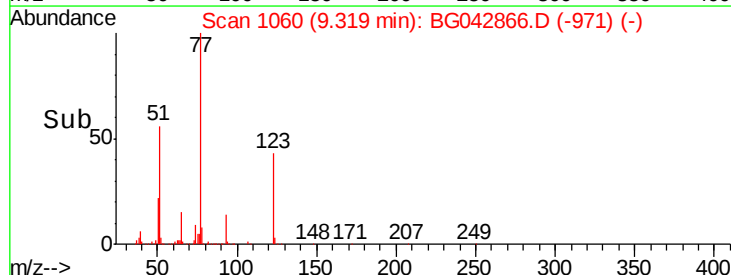
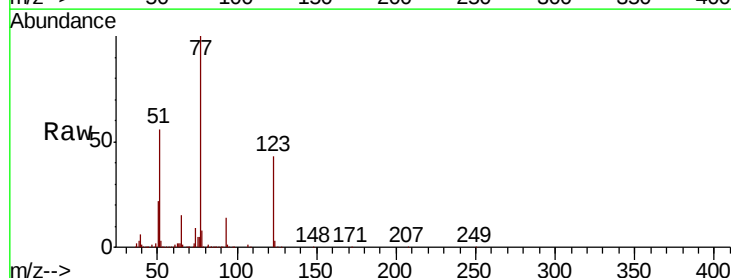
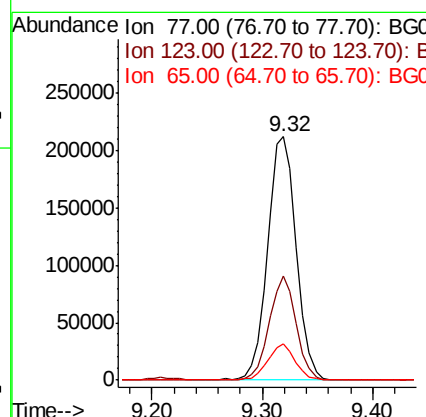
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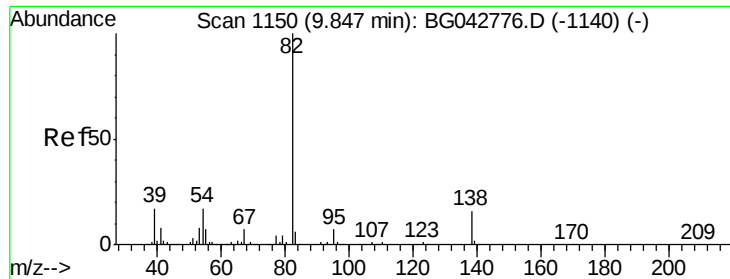
mohammad
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#24
Nitrobenzene
Concen: 45.664 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.6	30.7	46.1
65	14.9	12.2	18.4





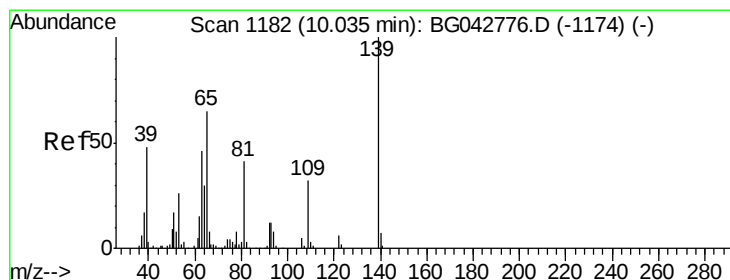
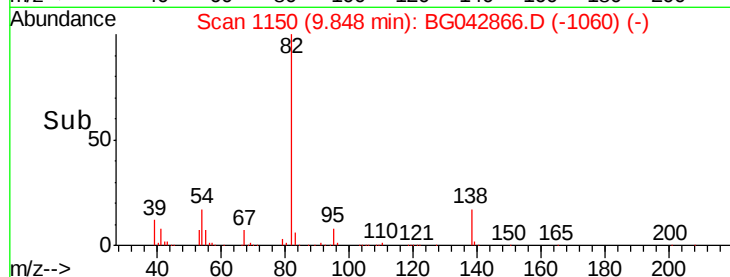
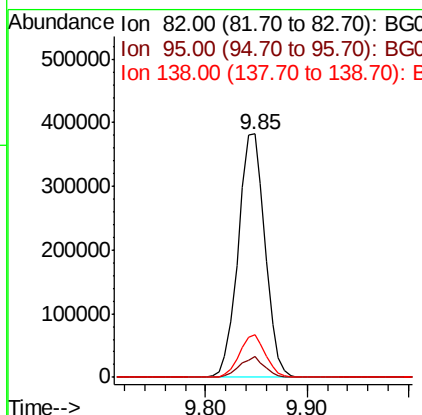
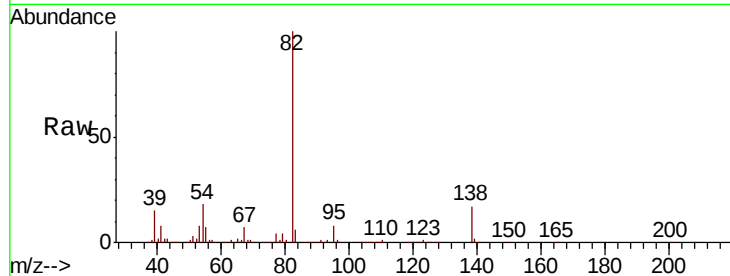
#25
Isophorone
Concen: 41.982 ng
RT: 9.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	698804		
95	8.4	5.8	8.8	
138	17.4	12.9	19.3	

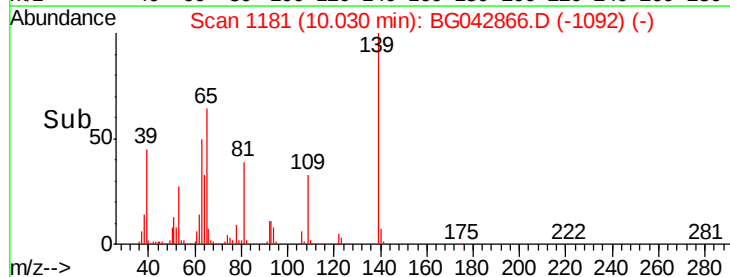
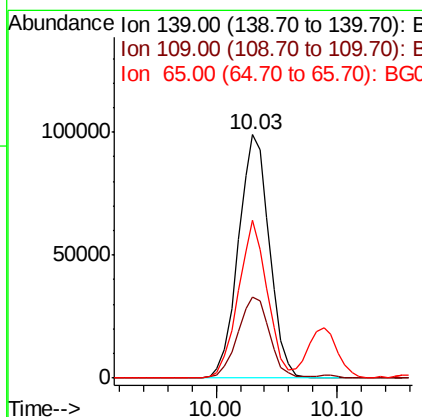
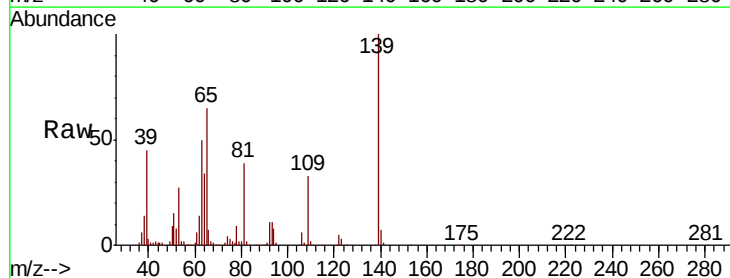
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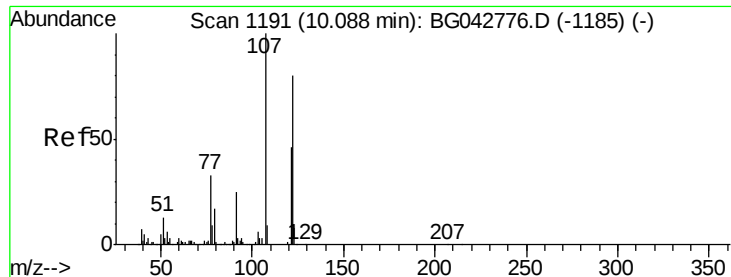
mohammad
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#26
2-Nitrophenol
Concen: 53.481 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	176275		
109	33.4	25.8	38.8	
65	64.6	52.2	78.2	





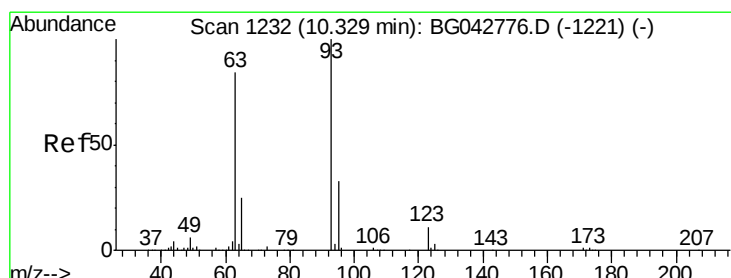
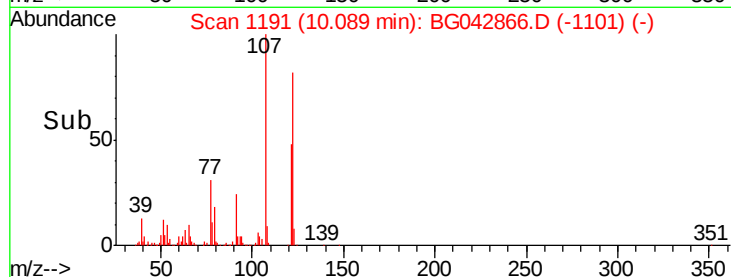
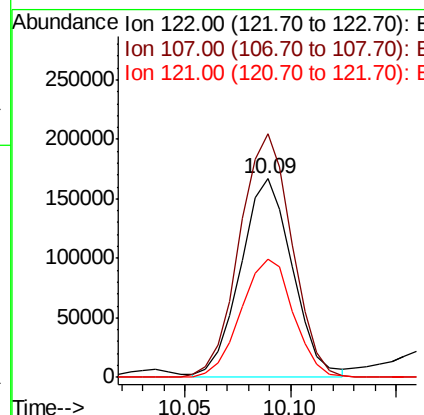
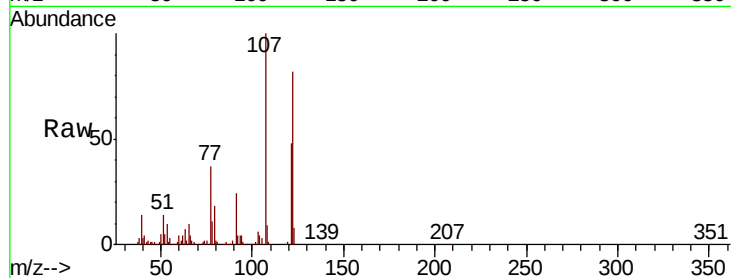
#27
2,4-Dimethylphenol
Concen: 48.769 ng
RT: 10.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	284343		
107	122.5	98.9	148.3	
121	59.3	46.2	69.2	

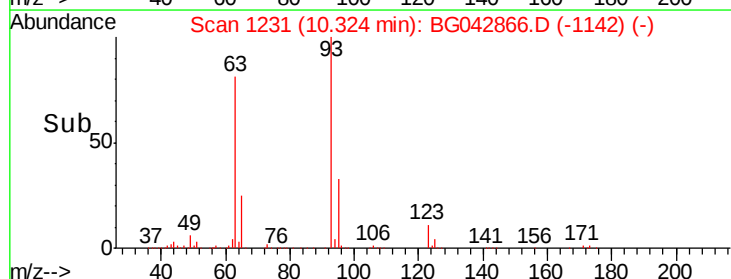
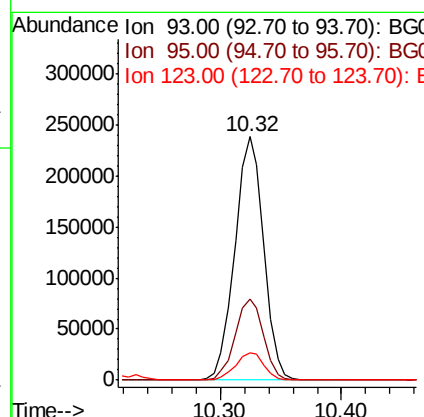
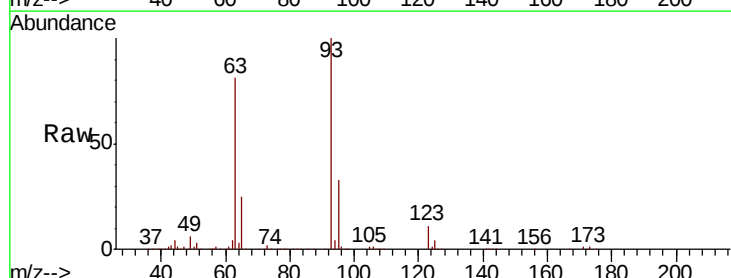
Manual Integrations
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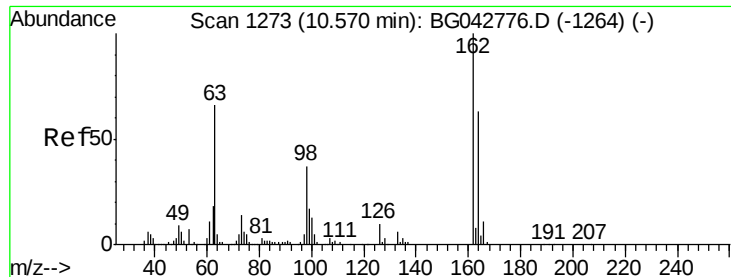
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.556 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	395035		
95	33.1	26.6	40.0	
123	11.2	9.0	13.6	





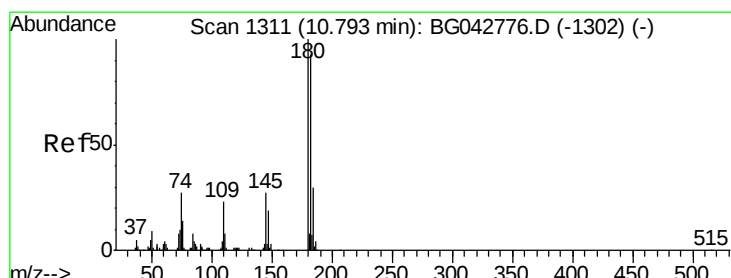
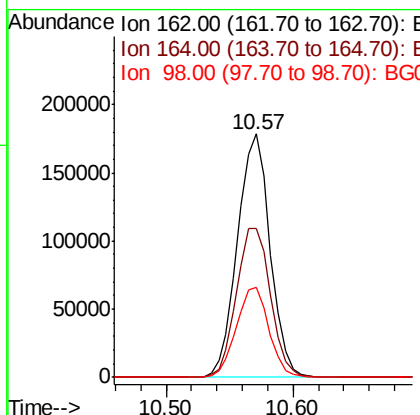
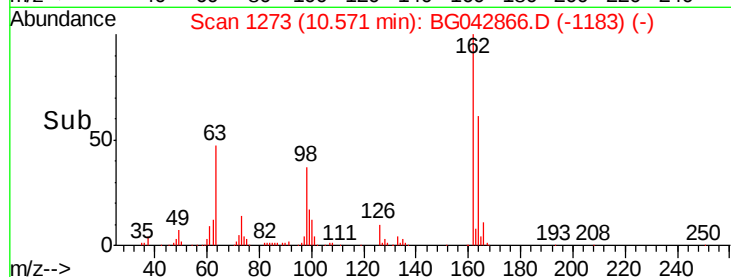
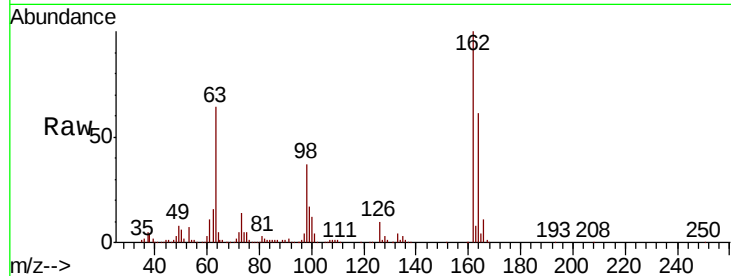
#29
 2,4-Dichlorophenol
 Concen: 46.977 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BG042866.D
 Acq: 17 Sep 2019 2:13

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMSD

Tot Ion:	162	Resp:	318288
Ion Ratio	Lower	Upper	
162	100		
164	61.4	43.4	83.4
98	36.9	17.0	57.0

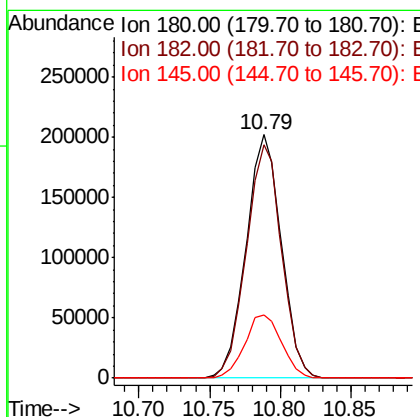
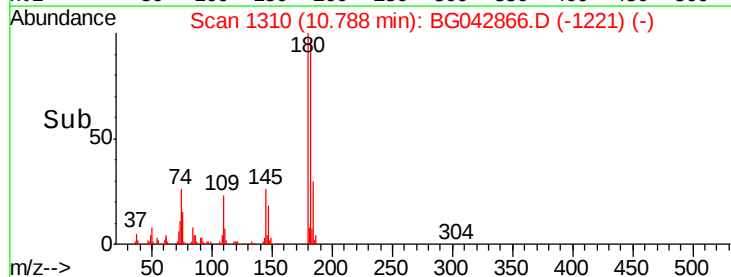
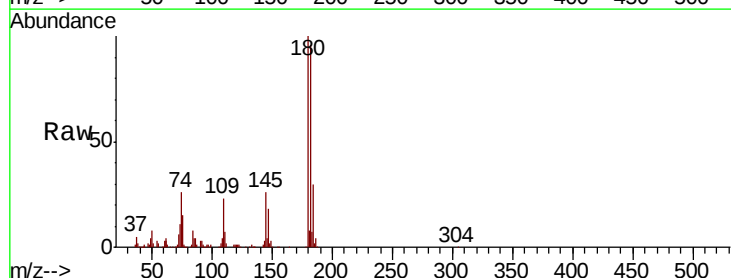
Manual Integrations
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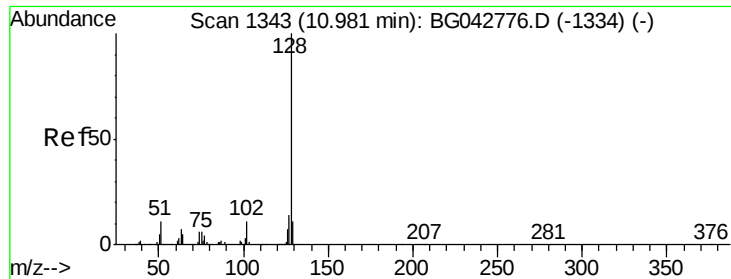
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.723 ng
 RT: 10.79 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BG042866.D
 Acq: 17 Sep 2019 2:13

Tgt Ion:	180	Resp:	353409
Ion Ratio	Lower	Upper	
180	100		
182	96.1	74.6	112.0
145	26.2	21.8	32.6





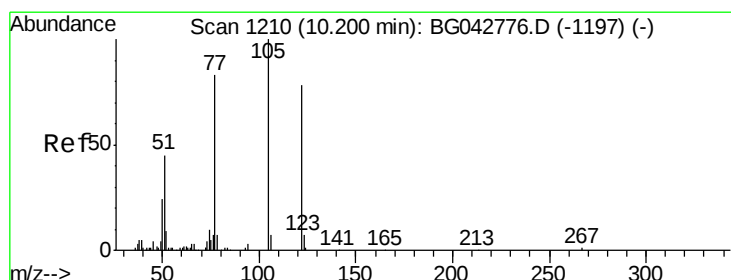
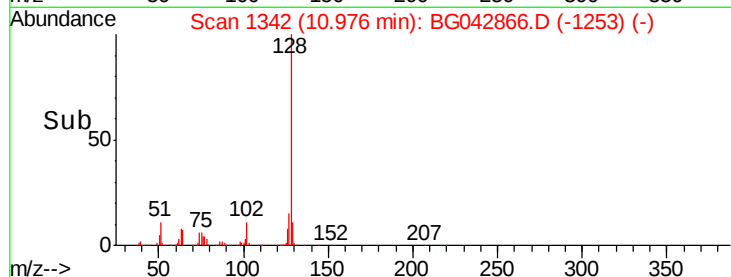
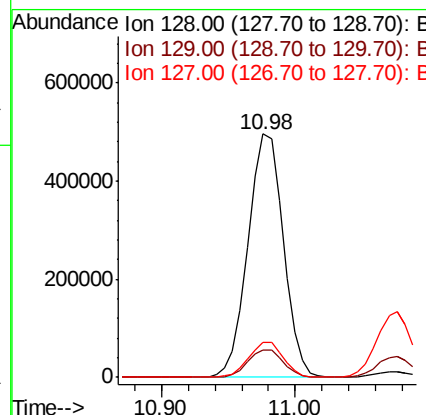
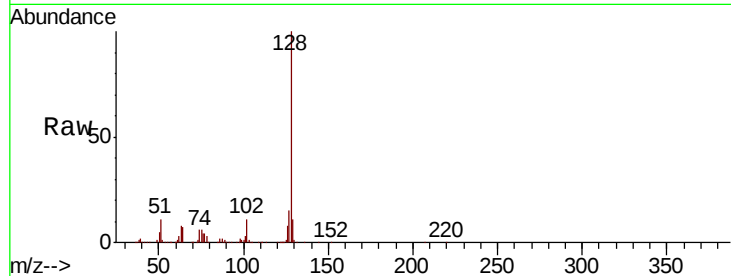
#31
Naphthalene
Concen: 44.224 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.0	13.6	
127	14.6	11.4	17.2	

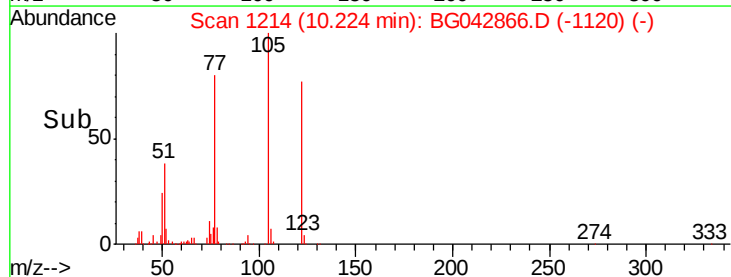
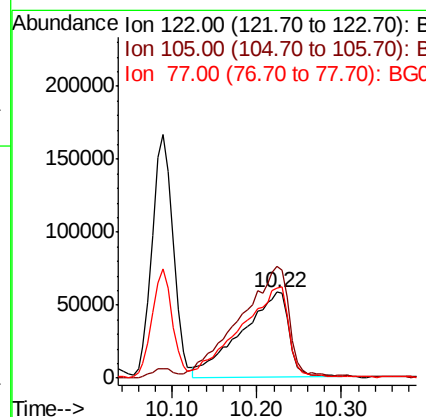
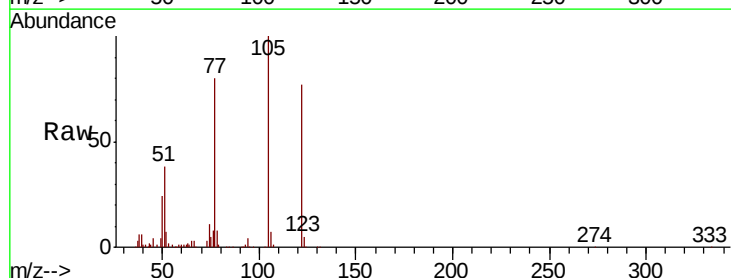
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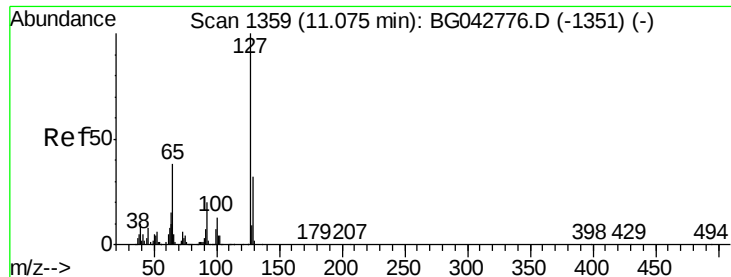
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#32
Benzoic acid
Concen: 48.133 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.03 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	130.1	104.0	144.0	
77	104.4	84.2	124.2	





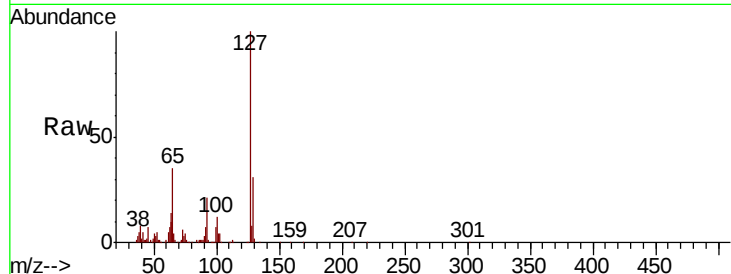
#33
4-Chloroaniline
Concen: 25.428 ng
RT: 11.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	25.8	38.6		
65	35.5	30.5	45.7		
92	20.7	15.9	23.9		

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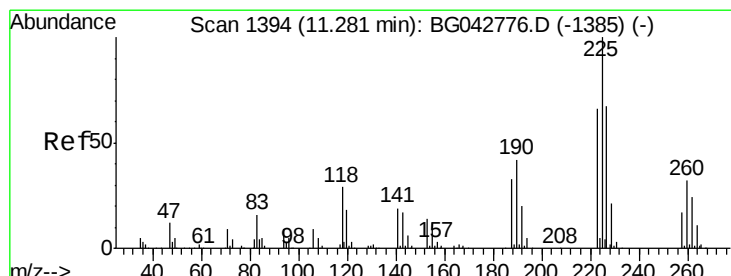
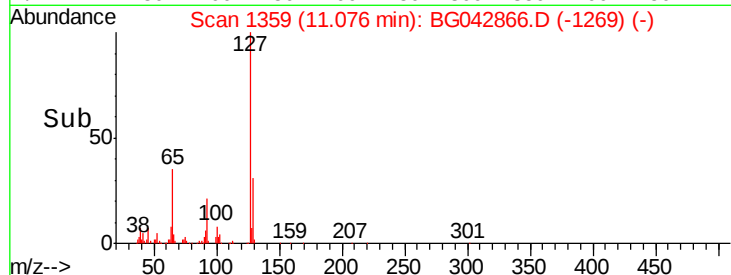
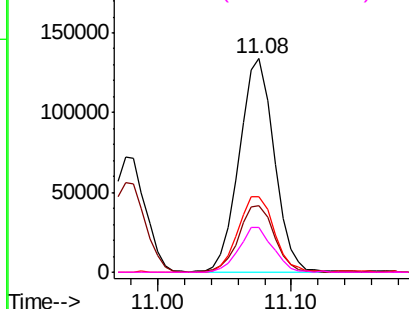
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

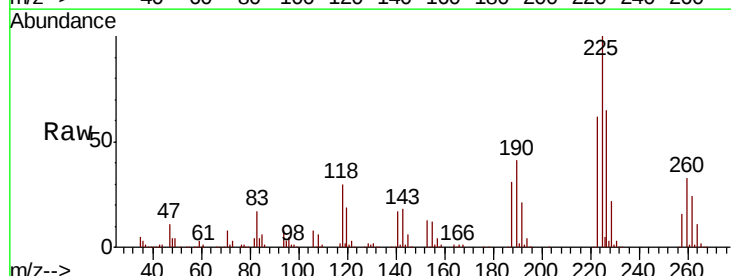
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 40.593 ng
RT: 11.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	52.6	79.0		
227	65.3	53.6	80.4		

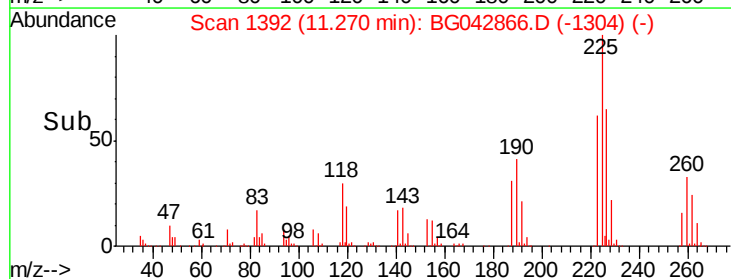
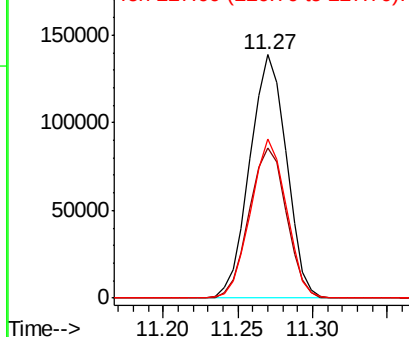


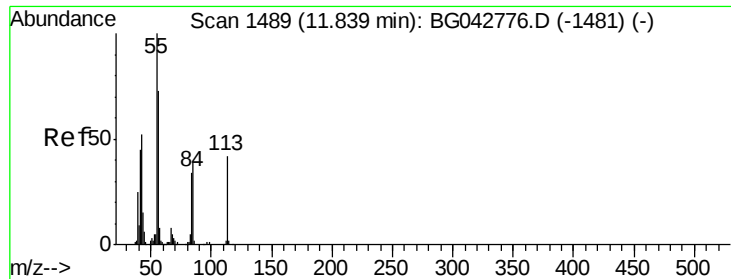
Abundance

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: 45.432 ng/ml

RT: 11.85 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Instrument :

BNA_G

ClientSampled :

SB-23-COMPMSD

Tot Ion:113 Resp: 114466

Ion Ratio Lower Upper

113 100

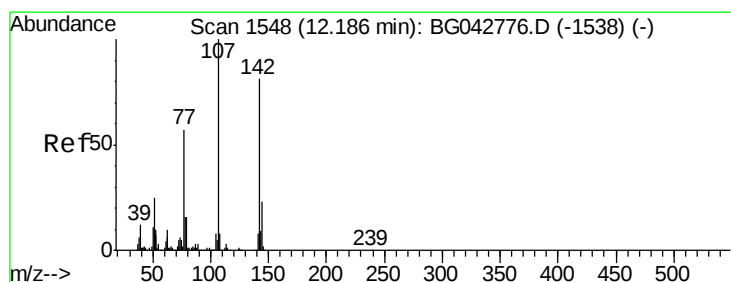
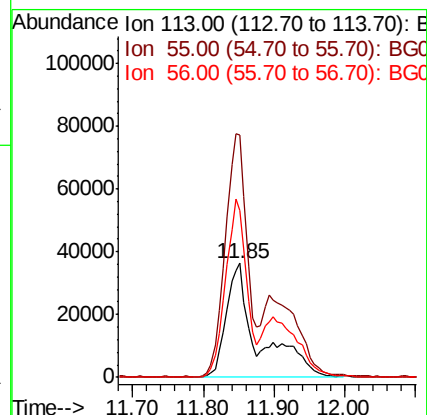
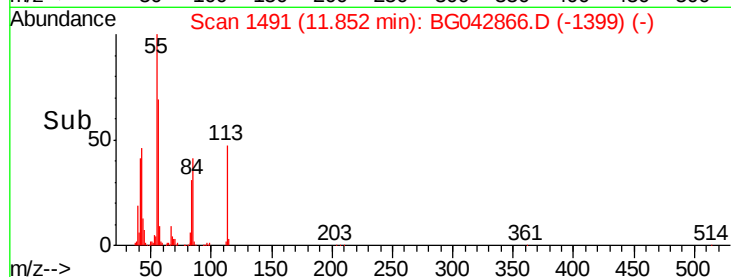
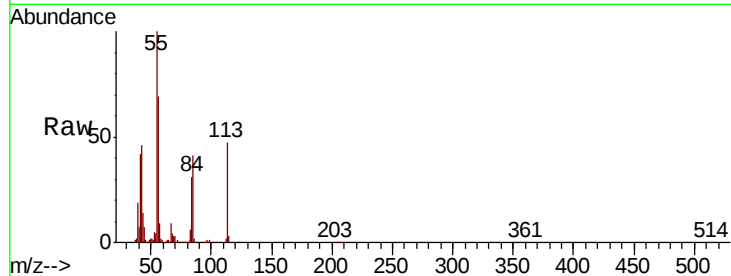
55 211.9 218.4 258.4#

56 145.7 154.8 194.8#

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#36

4-Chloro-3-methylphenol

Concen: 47.175 ng/ml

RT: 12.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

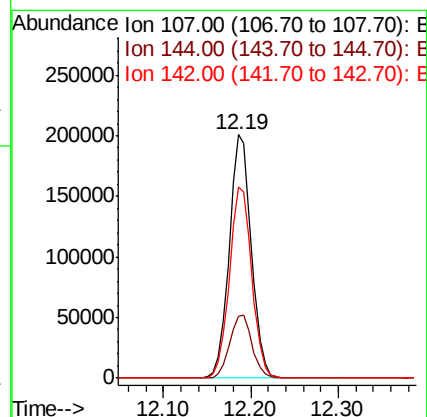
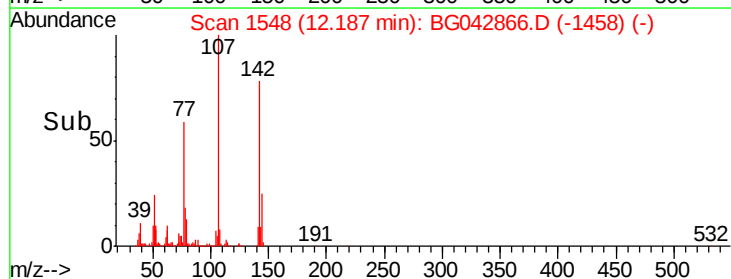
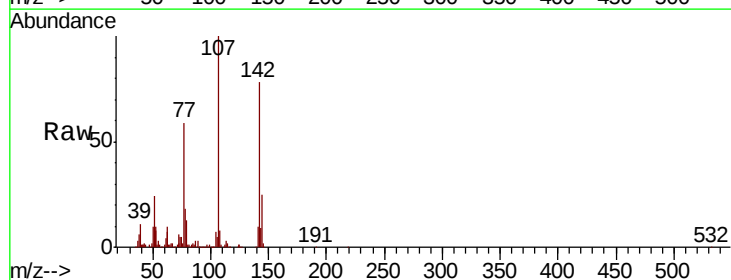
Tgt Ion:107 Resp: 347043

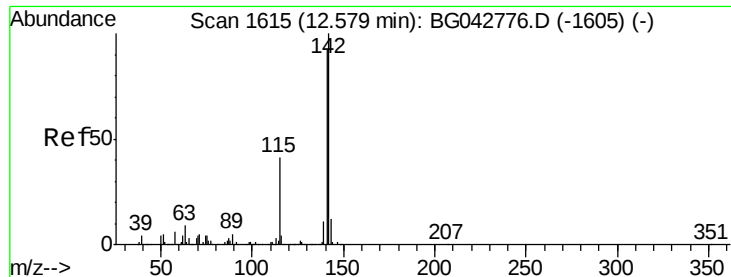
Ion Ratio Lower Upper

107 100

144 25.4 18.7 28.1

142 78.3 65.0 97.4





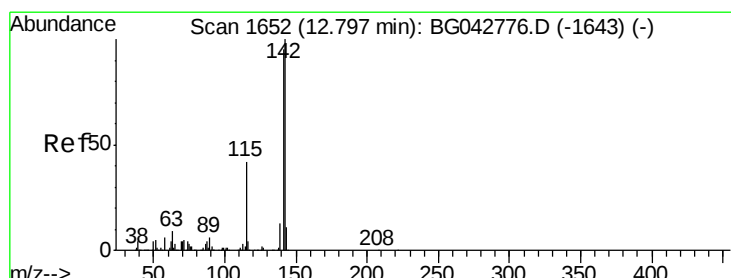
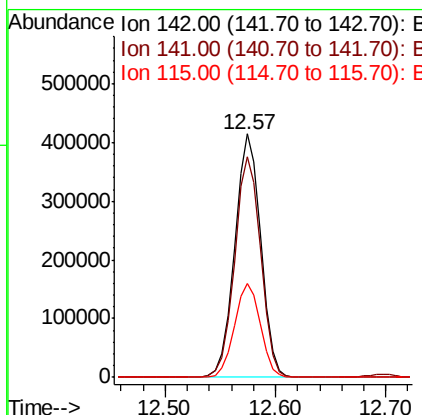
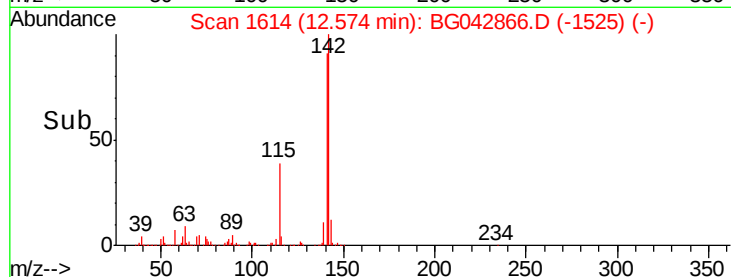
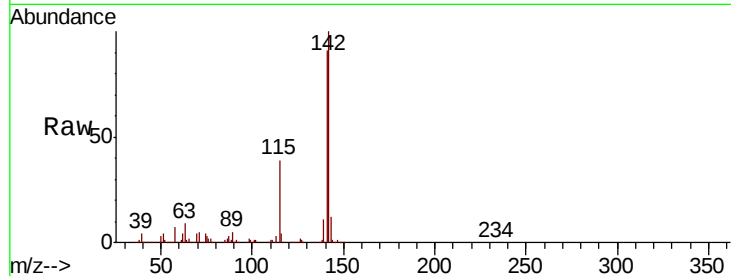
#37
 2-Methylnaphthalene
 Concen: 44.352 ng
 RT: 12.57 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BG042866.D
 Acq: 17 Sep 2019 2:13

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.8	110.8
115	38.6	33.0	49.4

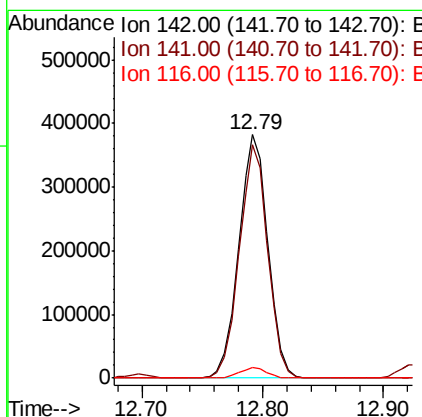
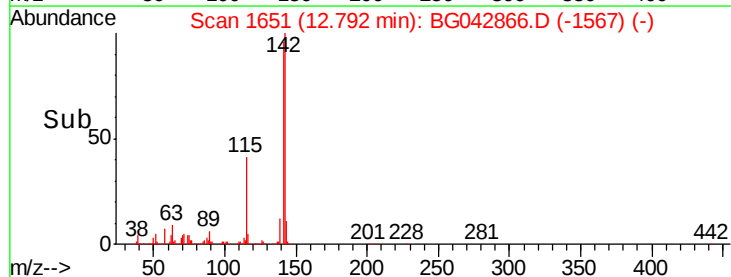
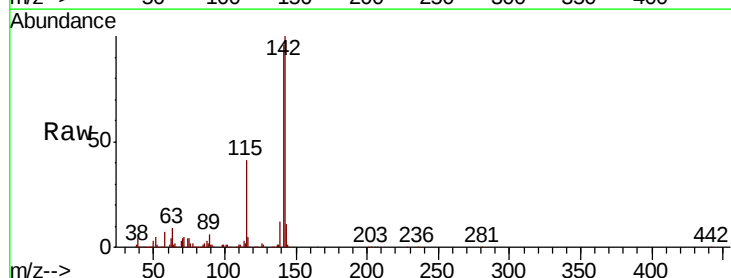
Manual Integrations
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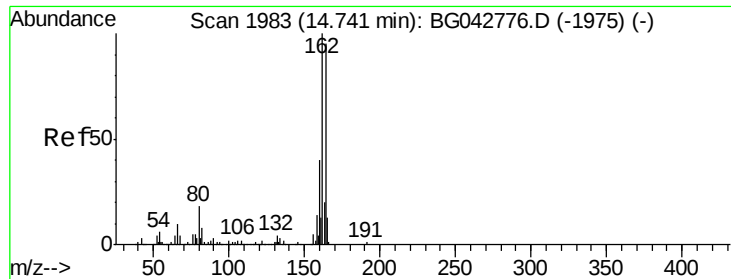
mohammad
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#38
 1-Methylnaphthalene
 Concen: 44.113 ng
 RT: 12.79 min Scan# 1651
 Delta R.T. -0.00 min
 Lab File: BG042866.D
 Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	76.3	114.5
116	4.6	3.4	5.0





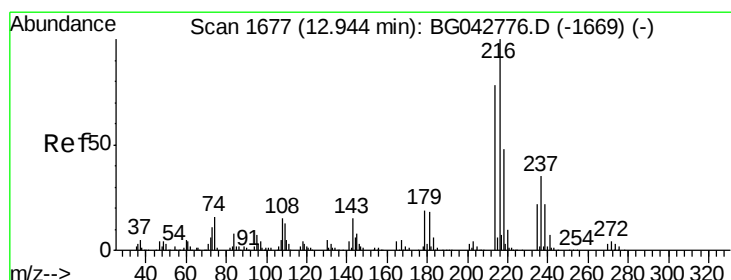
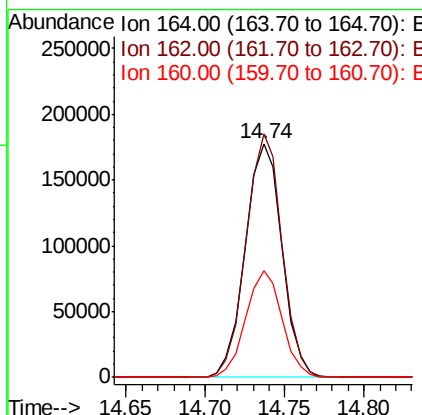
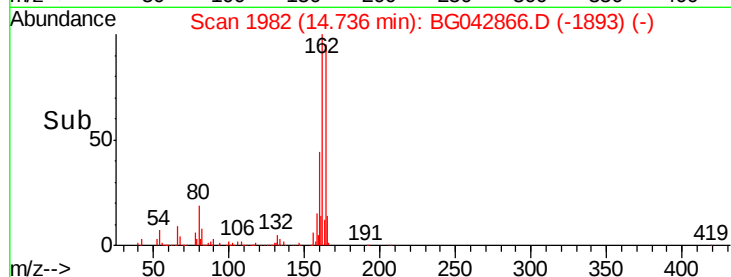
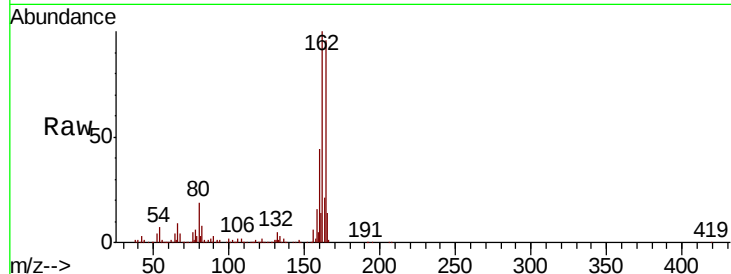
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.3	84.6	126.8	
160	45.9	34.2	51.2	

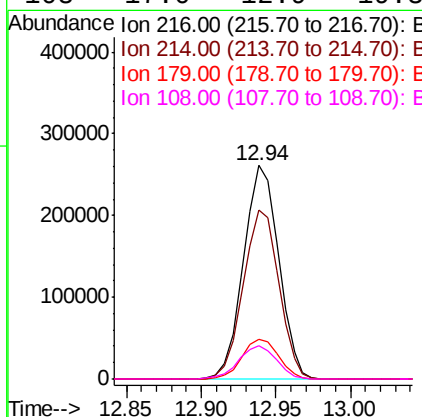
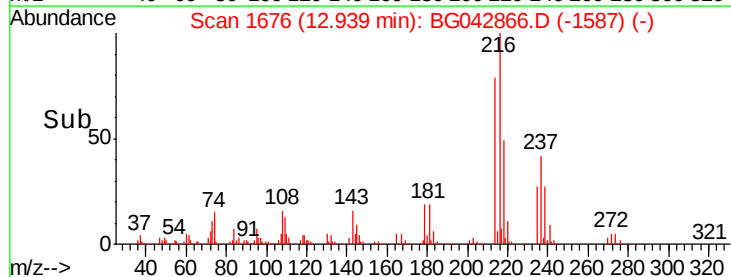
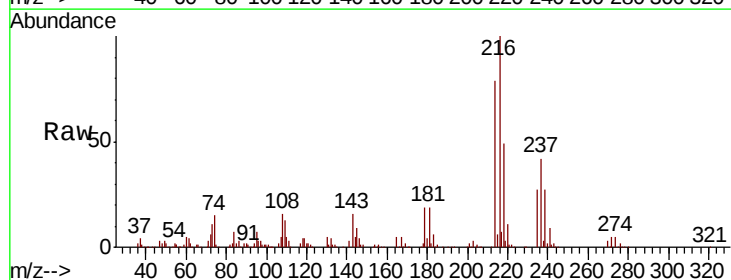
Manual Integrations
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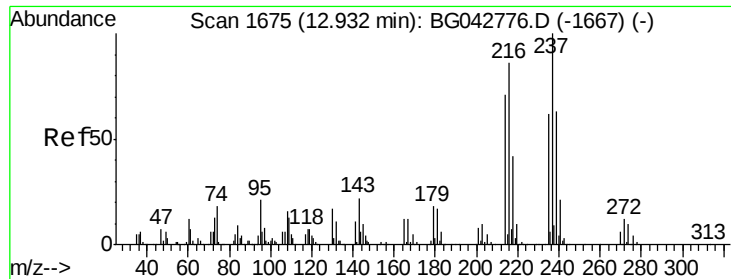
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.244 ng
RT: 12.94 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	62.8	94.2	
179	19.4	15.3	22.9	
108	17.0	12.9	19.3	





#41

Hexachlorocyclopentadiene

Concen: 66.012 ng

RT: 12.93 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Instrument :

BNA_G

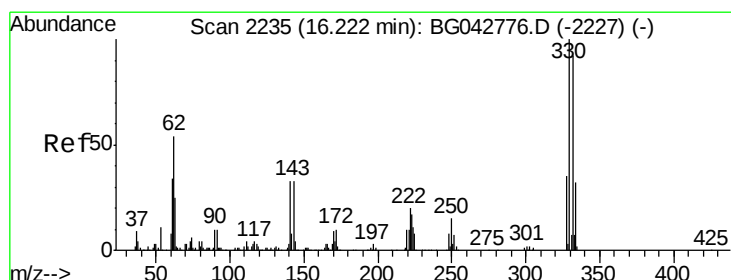
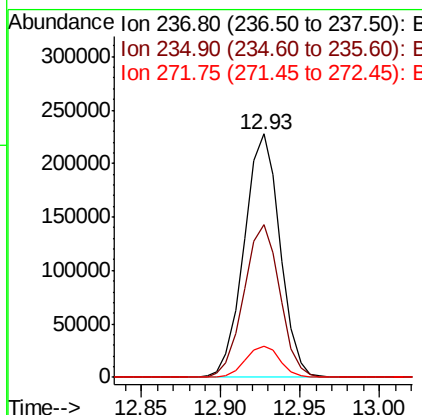
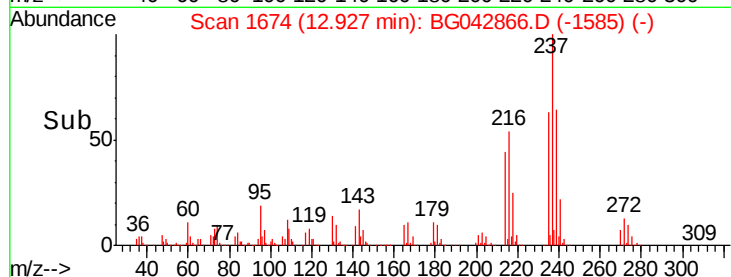
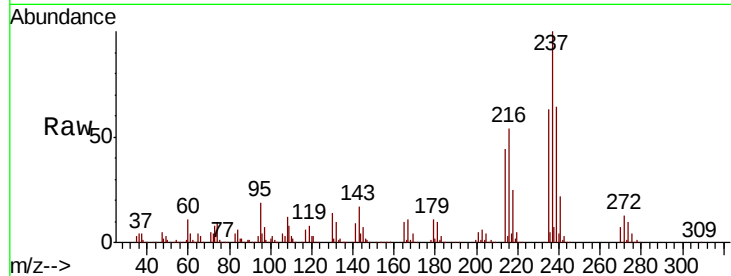
ClientSampleId :

SB-23-COMPMSD

Tot Ion:	237	Resp:	356715
Ion Ratio	Lower	Upper	
237	100		
235	62.9	41.9	81.9
272	13.0	0.0	31.6

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#42

2,4,6-Tribromophenol

Concen: 104.480 ng

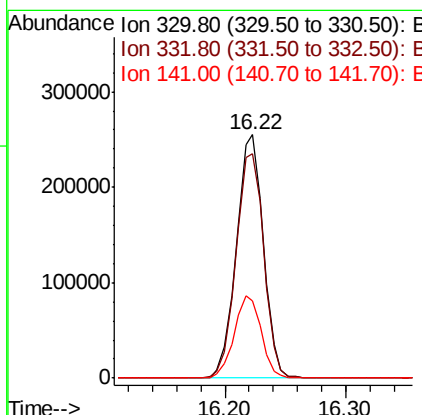
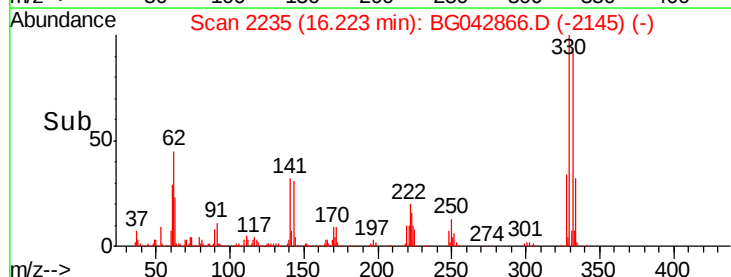
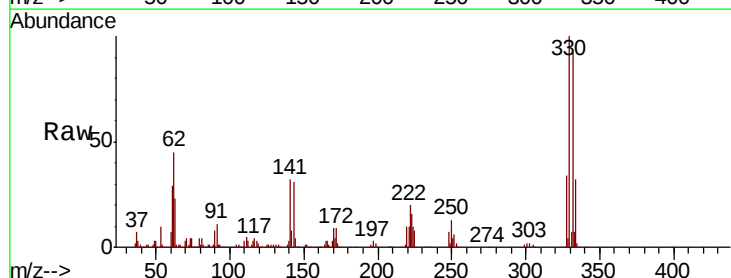
RT: 16.22 min Scan# 2235

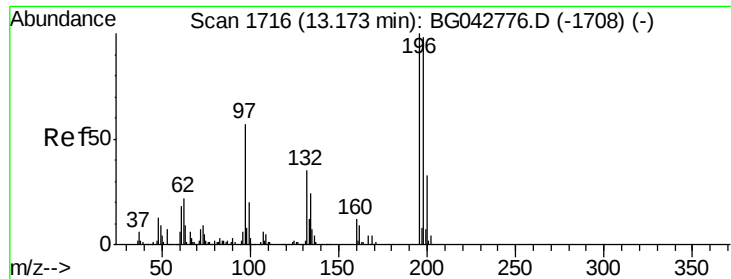
Delta R.T. 0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Tgt Ion:	330	Resp:	396791
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.7	115.1
141	33.8	27.0	40.6





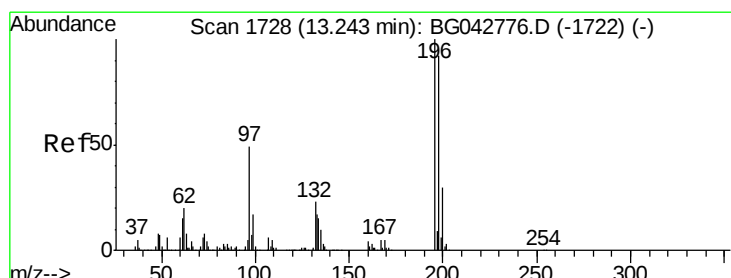
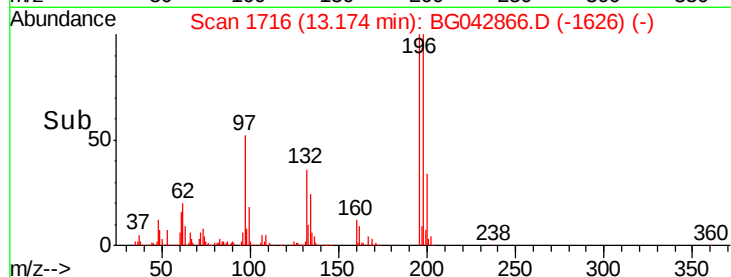
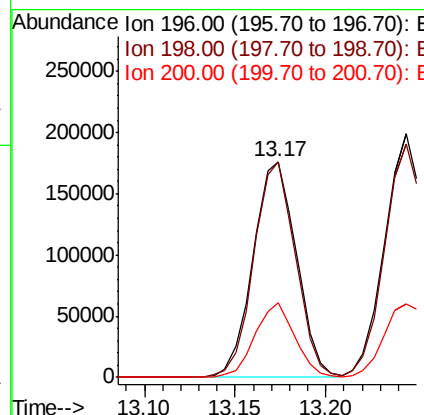
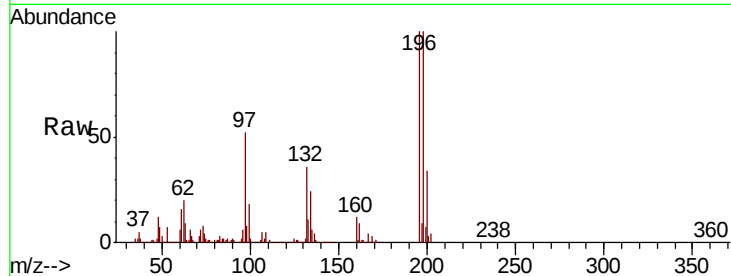
#43
 2,4,6-Trichlorophenol
 Concen: 46.685 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG042866.D
 Acq: 17 Sep 2019 2:13

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	293181		
198	99.6	78.8	118.2	
200	34.3	26.2	39.4	

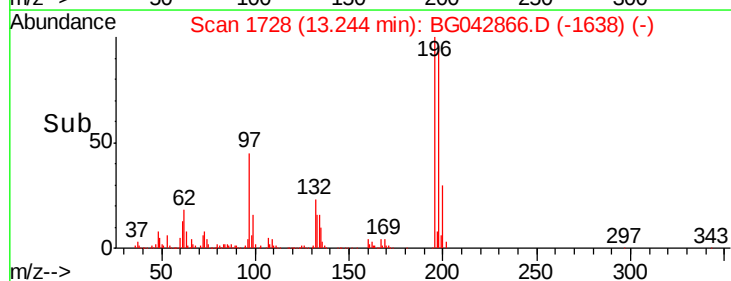
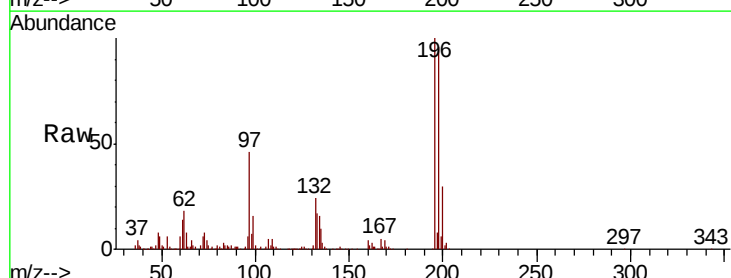
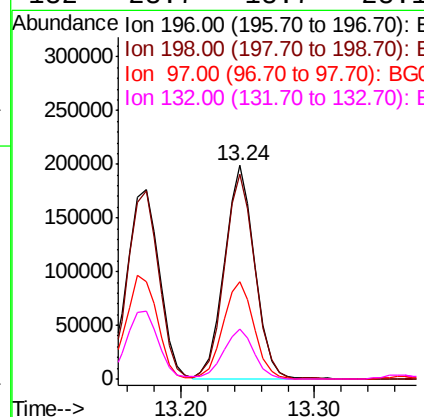
Manual Integrations
 APPROVED

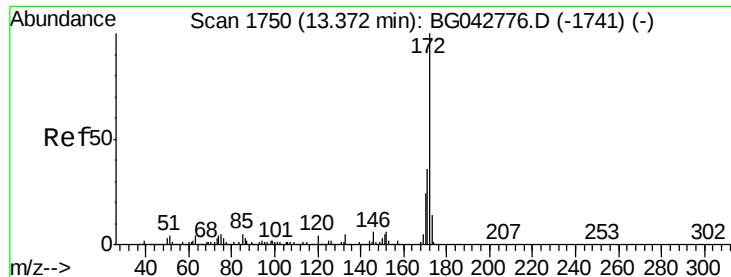
mohammad
 9/17/2019 1:26:57 PM



#44
 2,4,5-Trichlorophenol
 Concen: 49.052 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG042866.D
 Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	315525		
198	95.9	73.4	110.0	
97	45.6	39.2	58.8	
132	23.7	18.7	28.1	





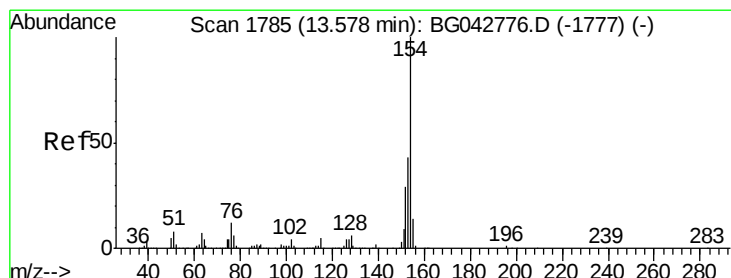
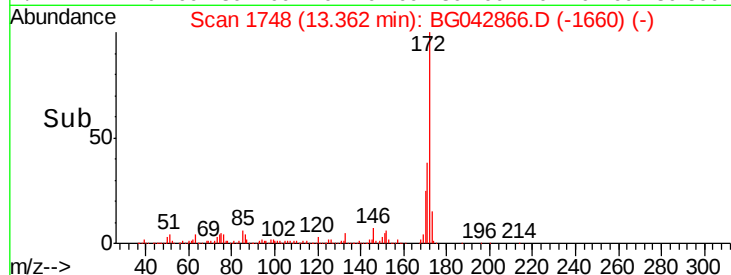
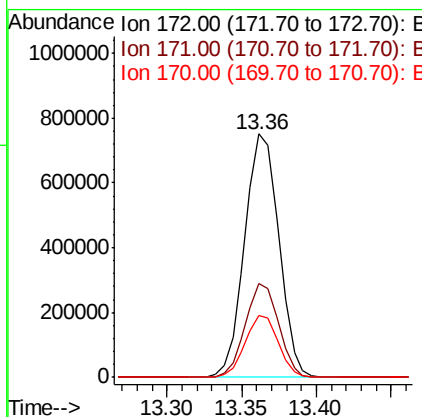
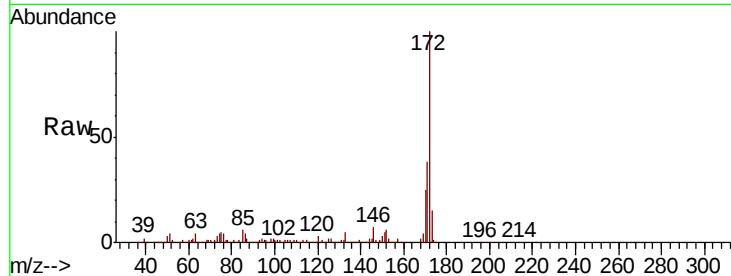
#45
2-Fluorobiphenyl
Concen: 66.117 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	28.9	43.3
170	25.2	19.1	28.7

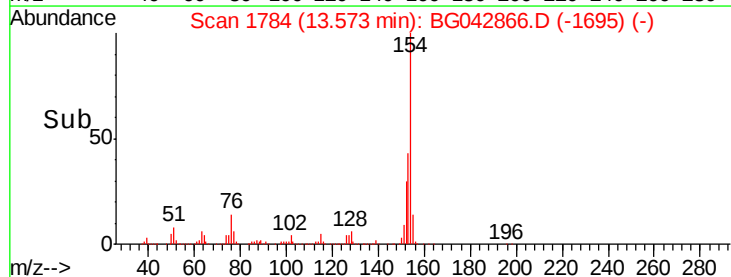
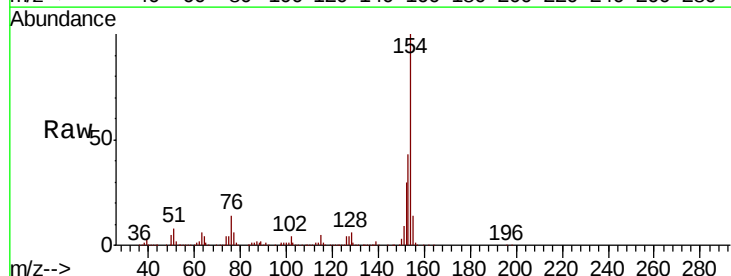
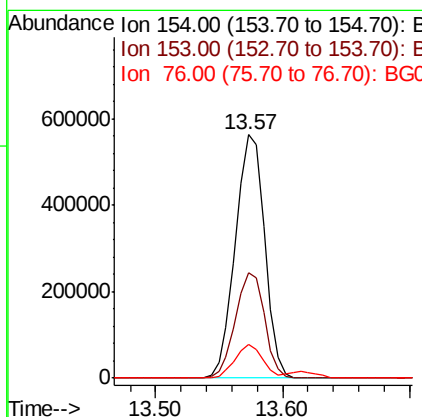
Manual Integrations
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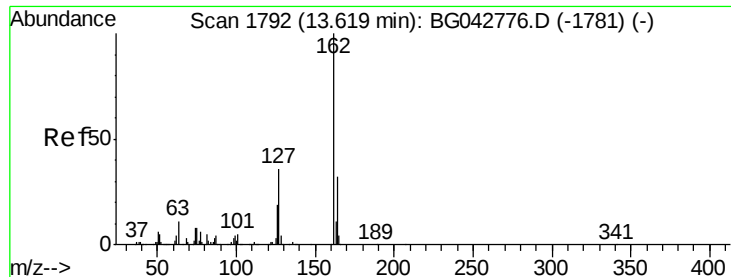
mohammad
9/17/2019 1:26:57 PM



#46
1,1'-Biphenyl
Concen: 44.921 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	22.6	62.6
76	13.6	0.0	32.2





#47

2-Chloronaphthalene

Concen: 43.187 ng

RT: 13.62 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Instrument :

BNA_G

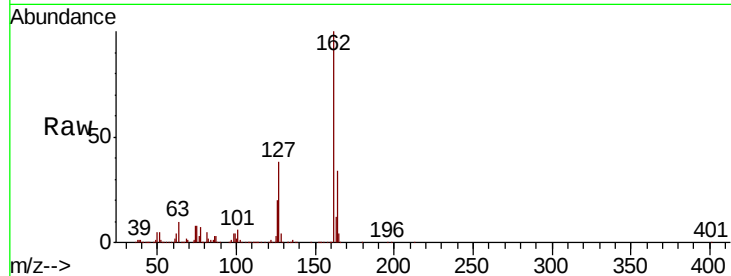
ClientSampleId :

SB-23-COMPMSD

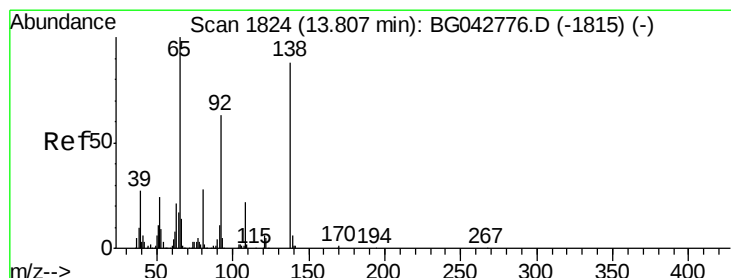
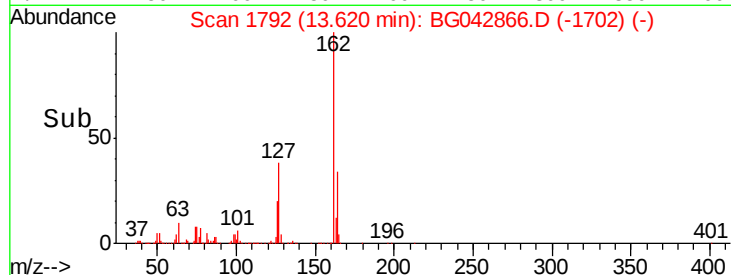
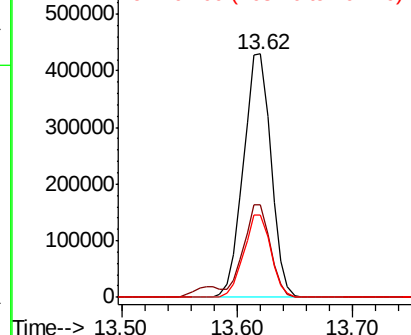
Tot Ion:	162	Resp:	713934
Ion Ratio		Lower	Upper
162	100		
127	37.8	29.3	43.9
164	33.9	26.0	39.0

Manual Integrations
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 46.279 ng

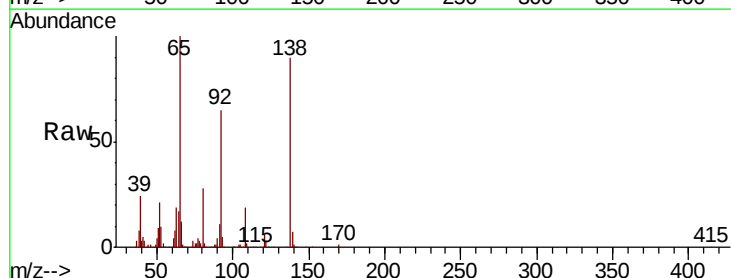
RT: 13.81 min Scan# 1824

Delta R.T. 0.00 min

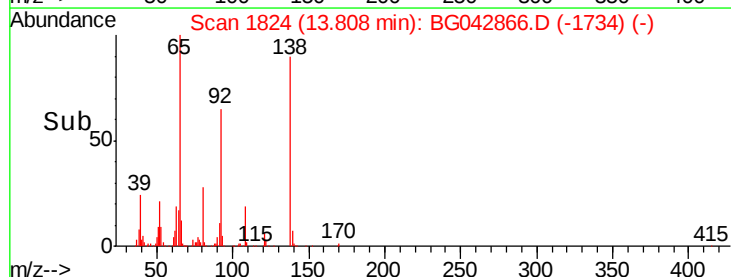
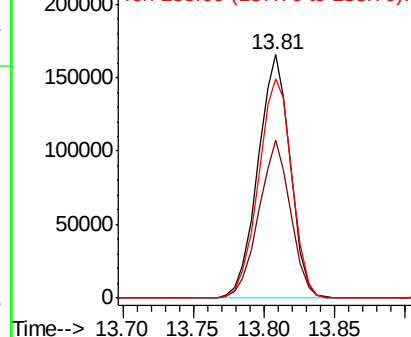
Lab File: BG042866.D

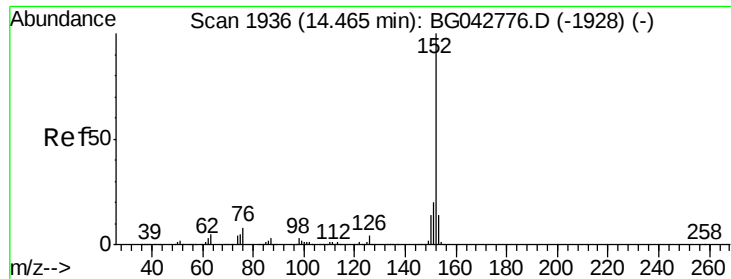
Acq: 17 Sep 2019 2:13

Tgt Ion:	65	Resp:	265391
Ion Ratio		Lower	Upper
65	100		
92	64.9	50.4	75.6
138	90.1	70.6	106.0



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





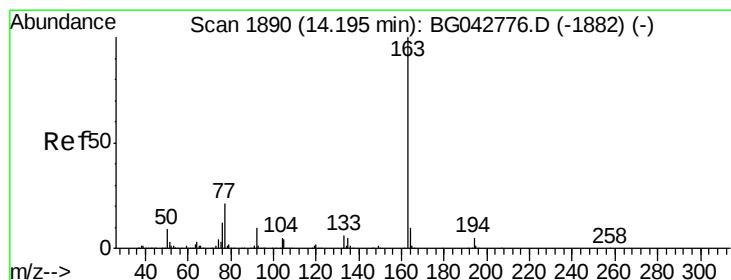
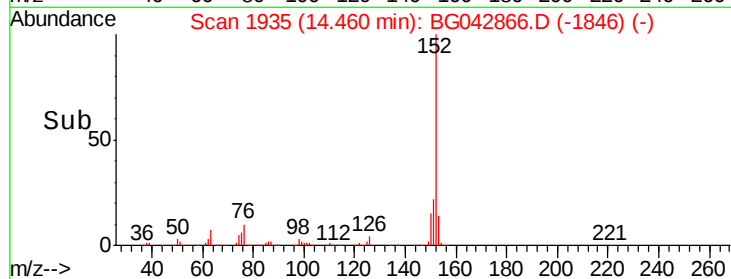
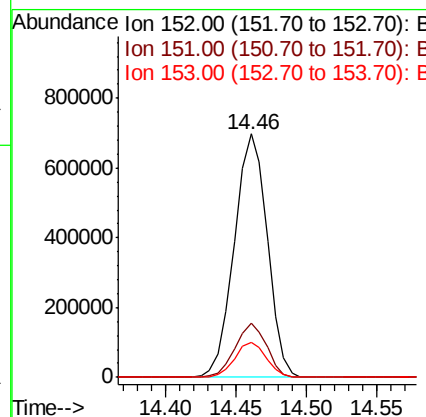
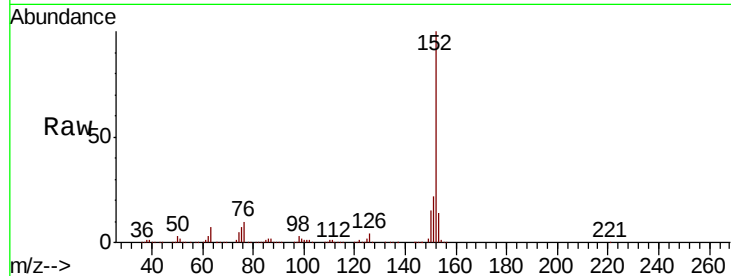
#49
Acenaphthylene
Concen: 44.923 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.0	24.0
153	14.4	11.4	17.0

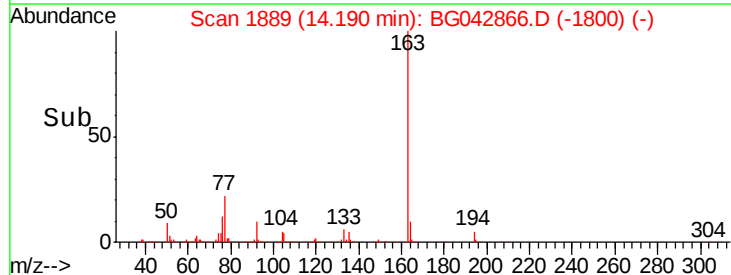
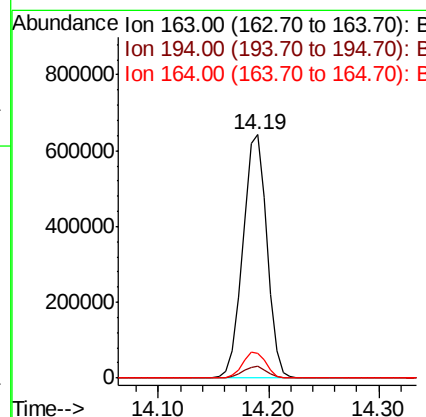
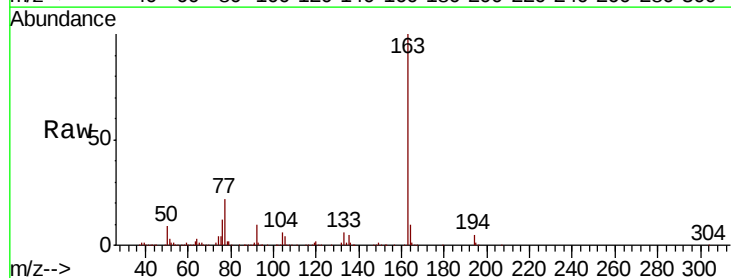
Manual Integrations
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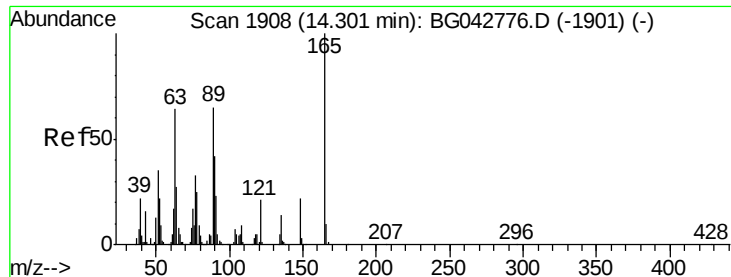
mohammad
9/17/2019 1:26:57 PM



#50
Dimethylphthalate
Concen: 45.871 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.4
164	10.3	8.4	12.6





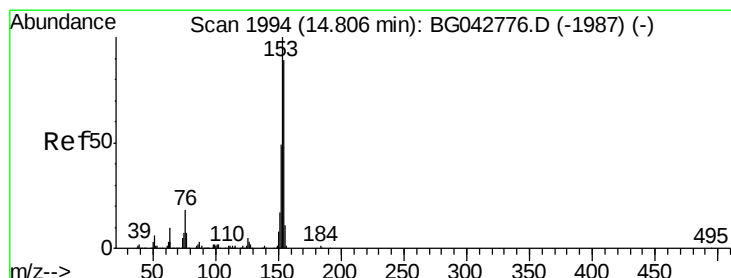
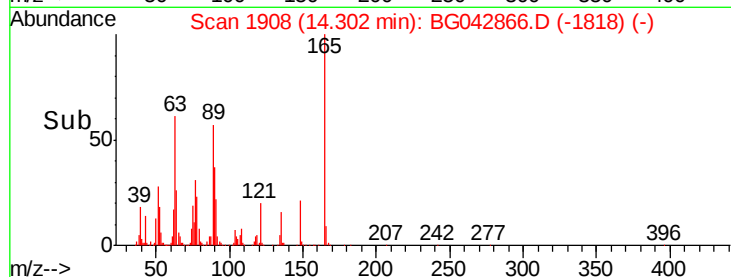
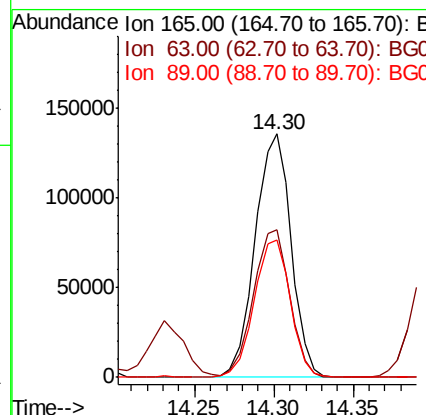
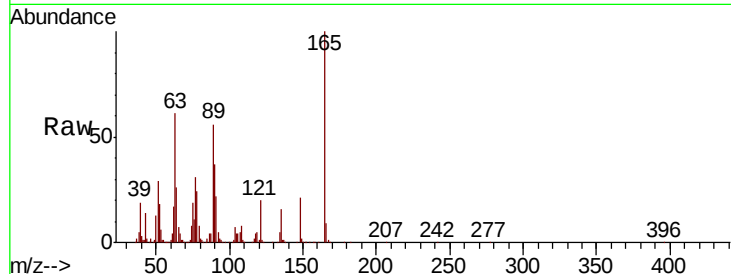
#51
2,6-Dinitrotoluene
Concen: 48.815 ng
RT: 14.30 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	214192		
63	60.7	52.1	78.1	
89	56.5	51.7	77.5	

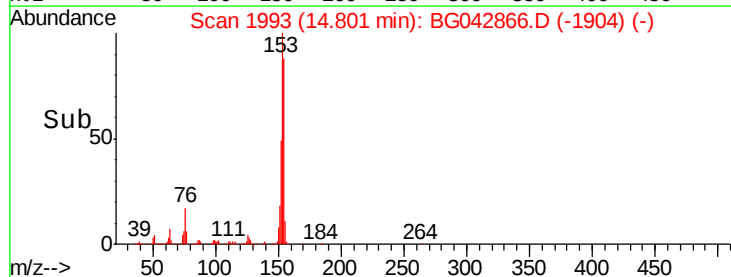
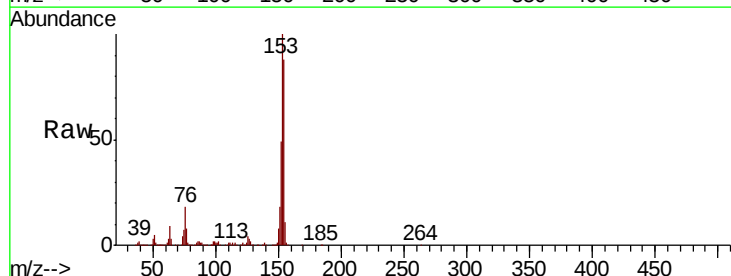
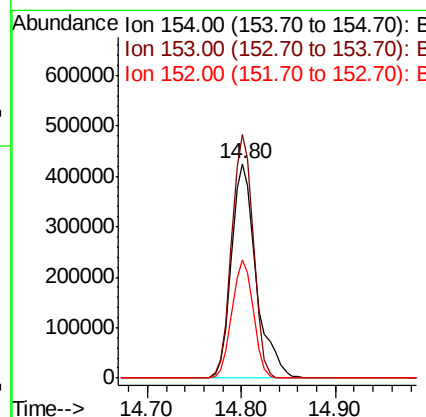
Manual Integrations
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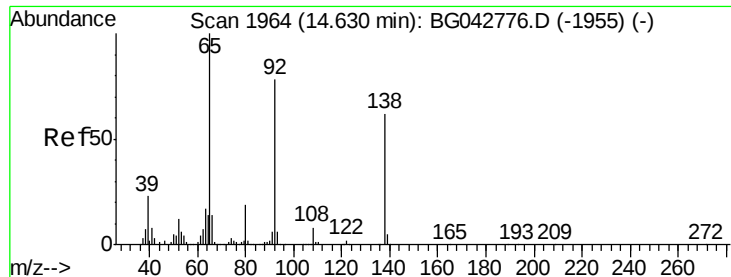
mohammad
9/17/2019 1:26:57 PM



#52
Acenaphthene
Concen: 46.619 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	769391		
153	113.7	89.4	134.2	
152	55.4	43.5	65.3	





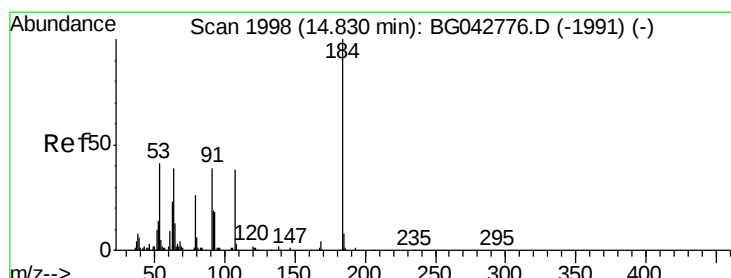
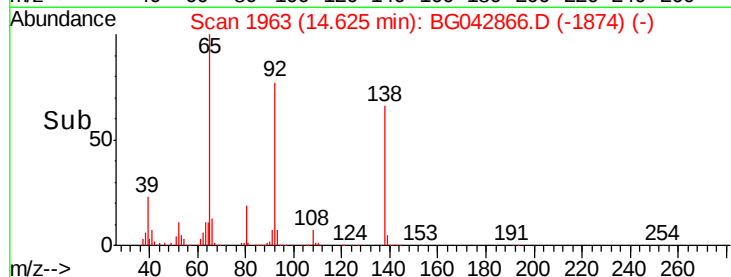
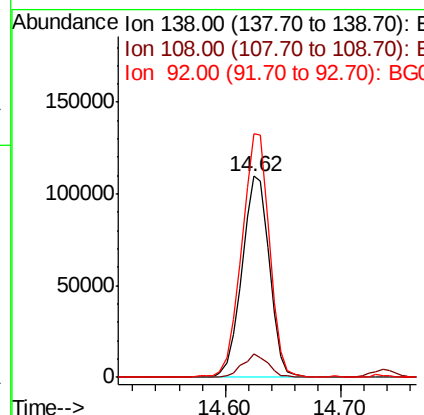
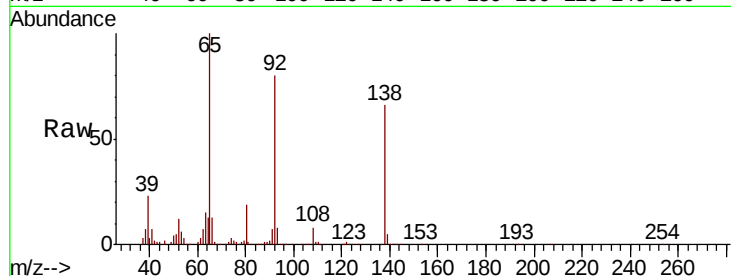
#53
3-Nitroaniline
Concen: 36.672 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampled :
SB-23-COMPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	10.7	16.1
92	120.9	100.5	150.7

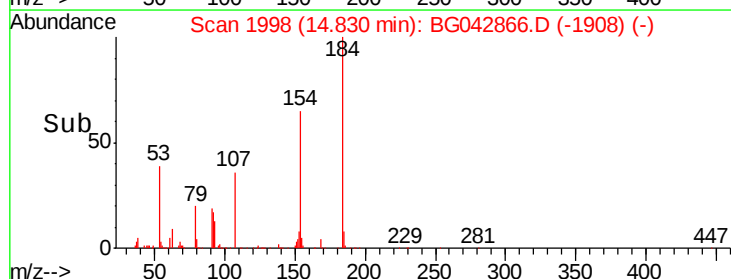
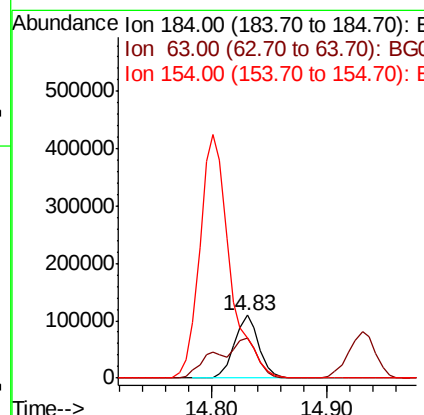
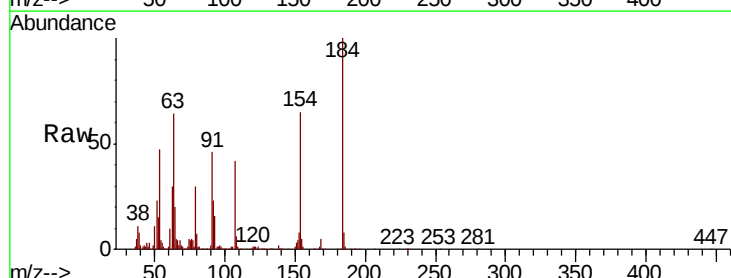
Manual Integrations
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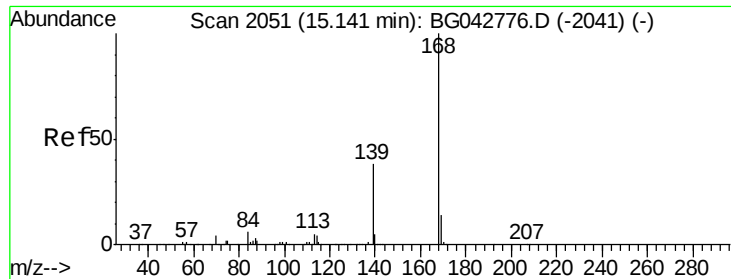
mohammad
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#54
2,4-Dinitrophenol
Concen: 74.252 ng
RT: 14.83 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.2	46.2	69.4
154	64.9	81.3	121.9#





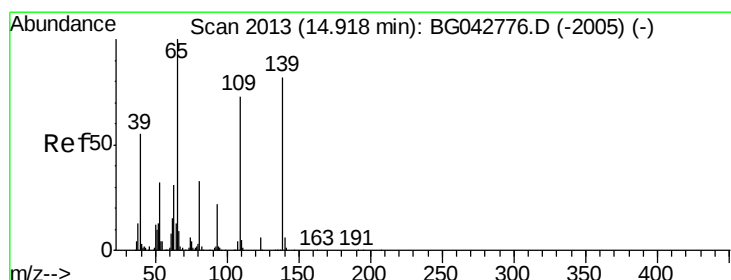
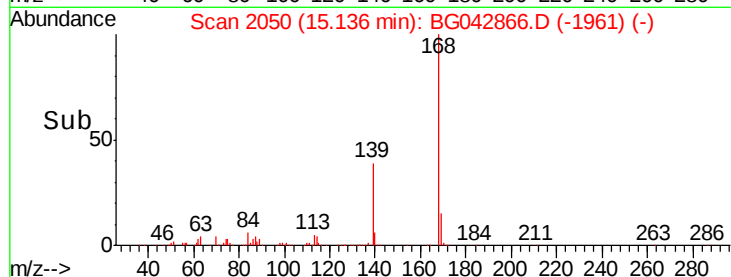
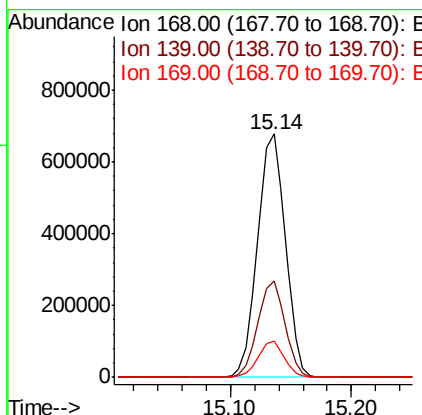
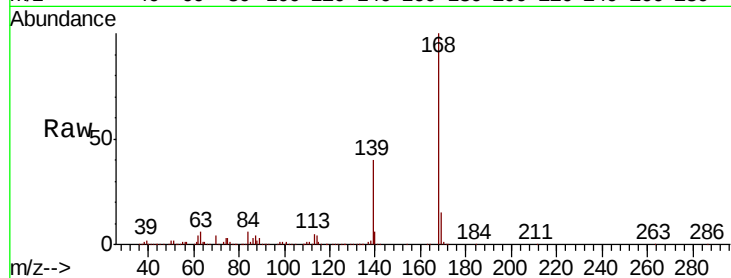
#55
Dibenzenofuran
Concen: 44.339 ng
RT: 15.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.2	45.4
169	14.7	11.2	16.8

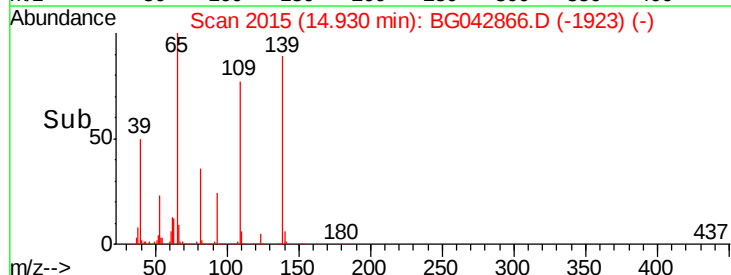
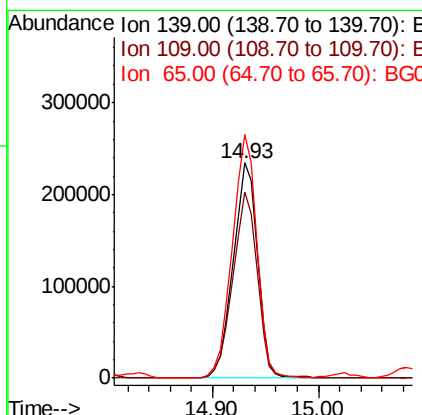
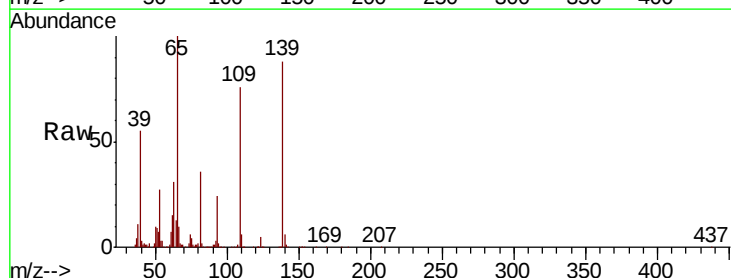
Manual Integrations
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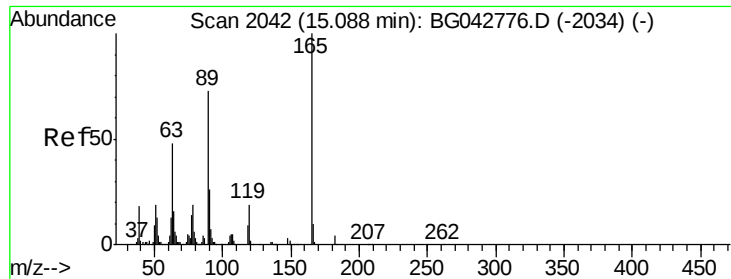
mohammad
9/17/2019 1:26:57 PM



#56
4-Nitrophenol
Concen: 97.673 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.7	69.4	109.4
65	113.3	102.5	142.5





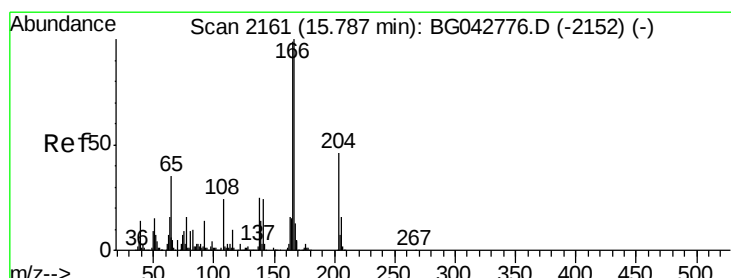
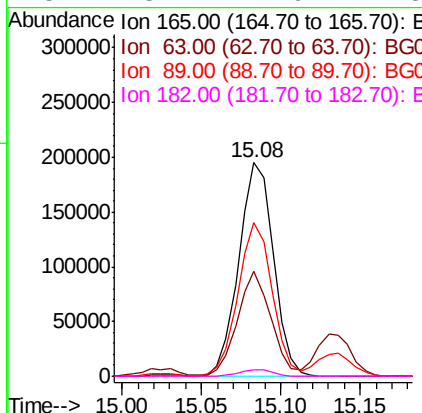
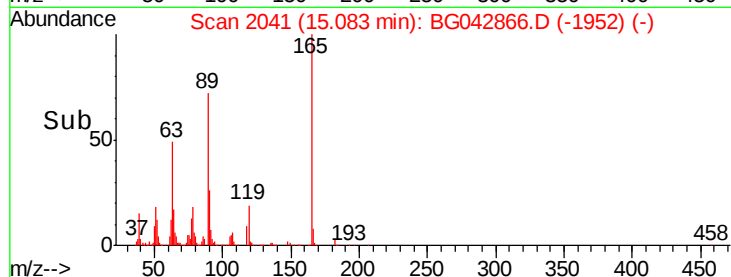
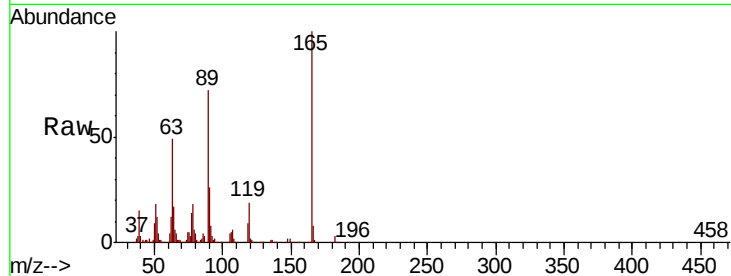
#57
2,4-Dinitrotoluene
Concen: 50.644 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	296196		
63	48.9		38.3	57.5
89	72.0		58.4	87.6
182	3.1		2.9	4.3

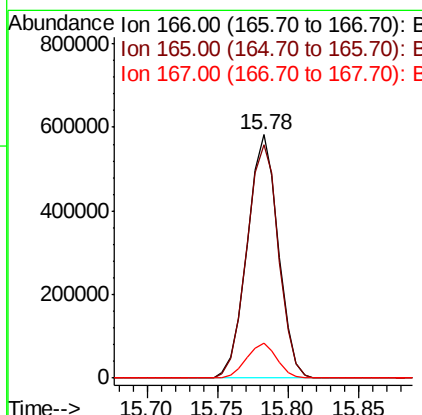
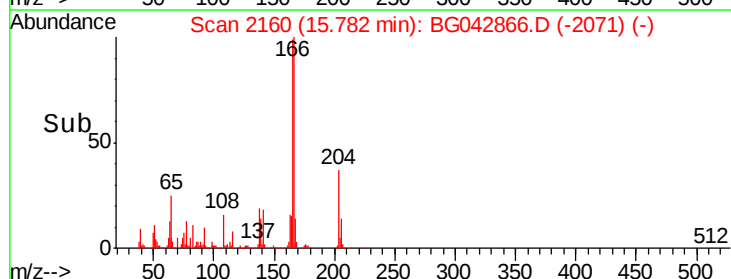
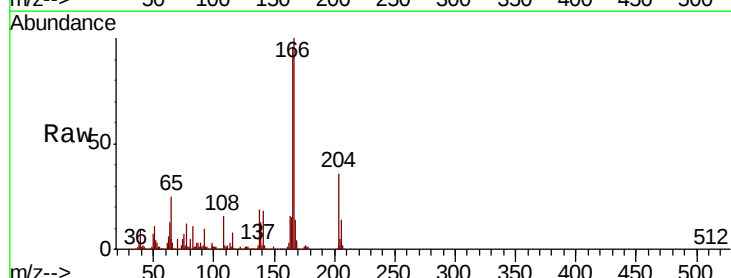
Manual Integrations
APPROVED

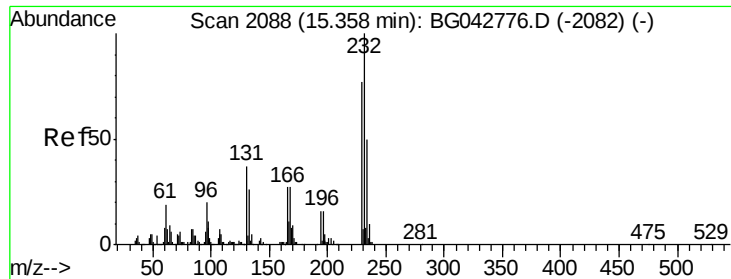
mohammad
9/17/2019 1:26:57 PM



#58
Fluorene
Concen: 44.051 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	895573		
165	95.9		79.1	118.7
167	14.4		10.7	16.1





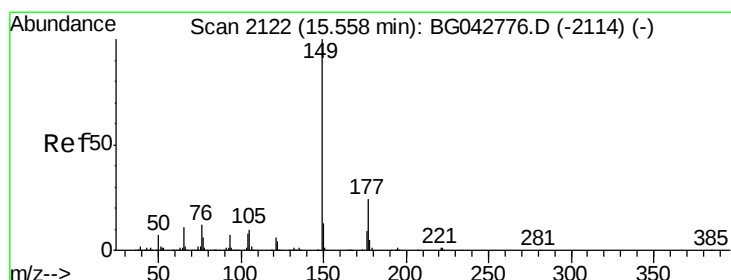
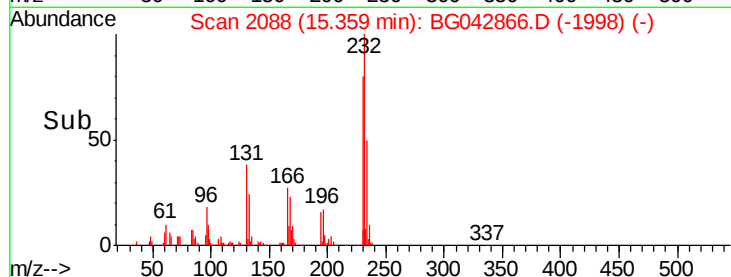
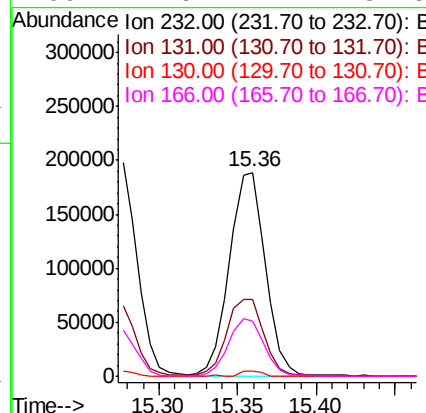
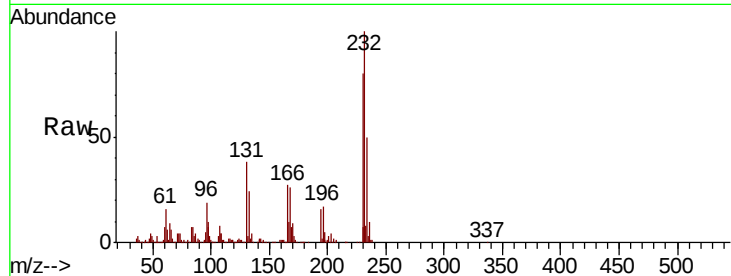
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.475 ng/ml
 RT: 15.36 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: BG042866.D
 Acq: 17 Sep 2019 2:13

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		302270		
131	33.6	31.1	46.7		
130	2.6	1.8	2.6		
166	22.5	21.7	32.5		

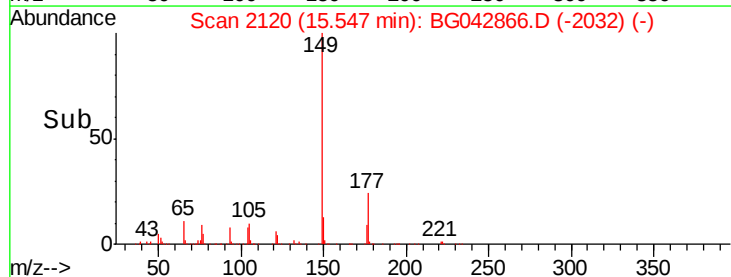
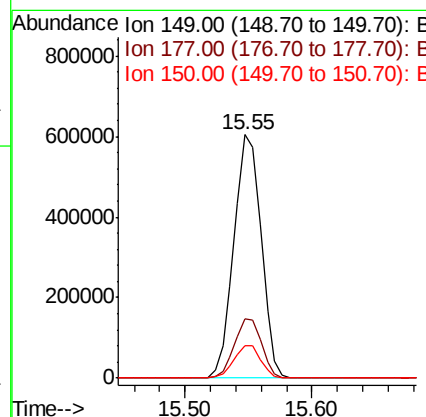
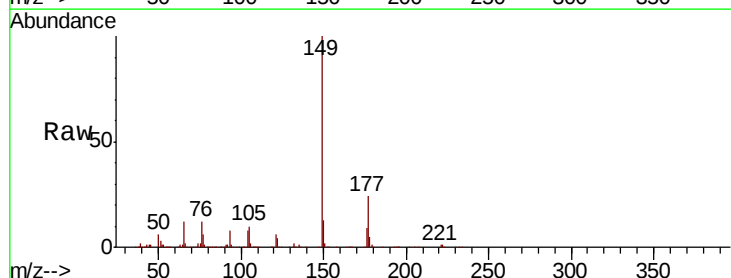
Manual Integrations
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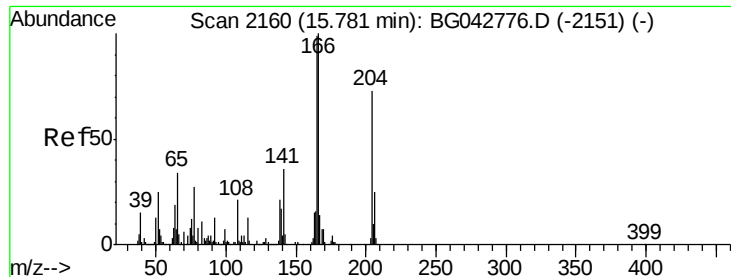
mohammad
 9/17/2019 1:26:57 PM



#60
 Diethylphthalate
 Concen: 41.346 ng
 RT: 15.55 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BG042866.D
 Acq: 17 Sep 2019 2:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		897484		
177	24.2	19.4	29.0		
150	13.2	10.2	15.4		





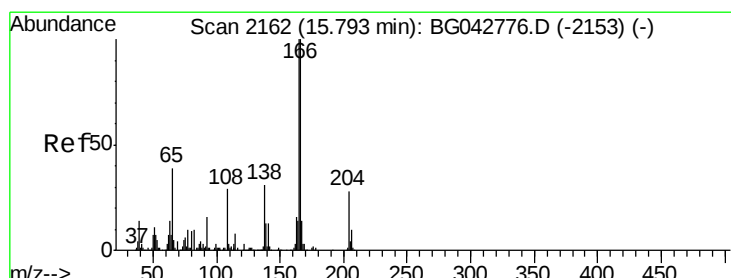
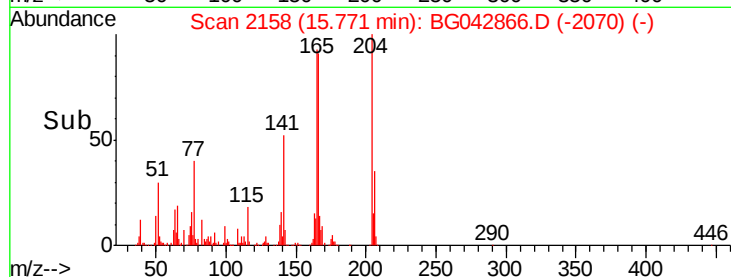
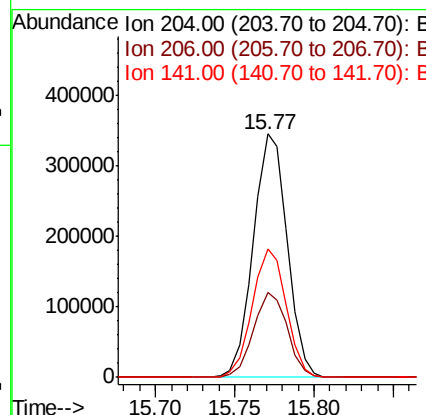
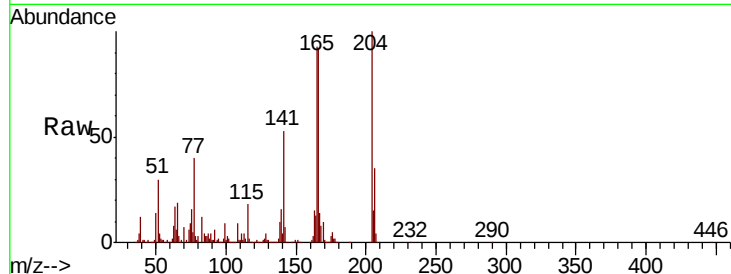
#61
4-Chlorophenyl-phenylether
Concen: 42.693 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	513205		
206	34.8		27.6	41.4
141	52.5		39.8	59.6

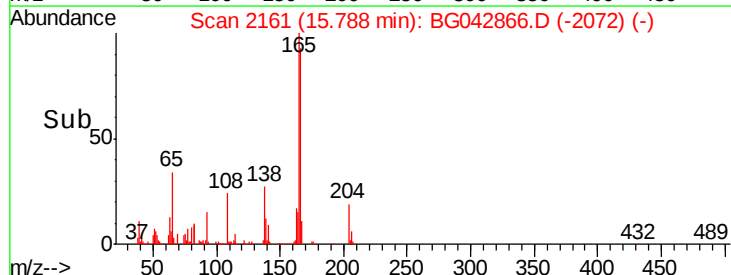
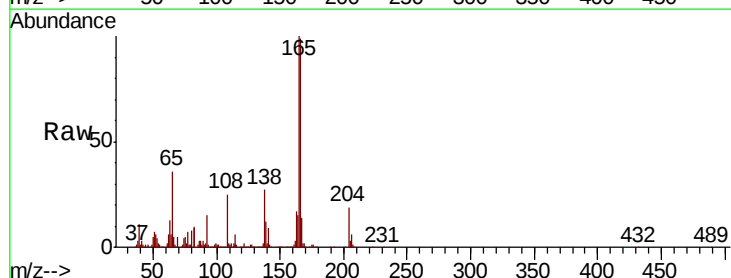
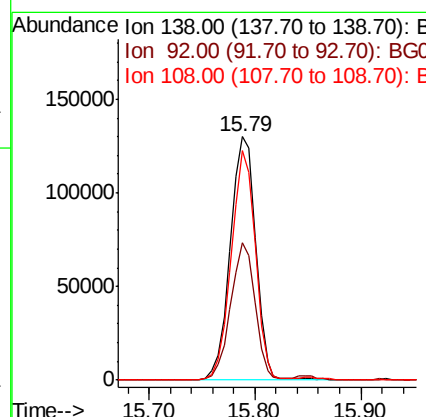
Manual Integrations
APPROVED

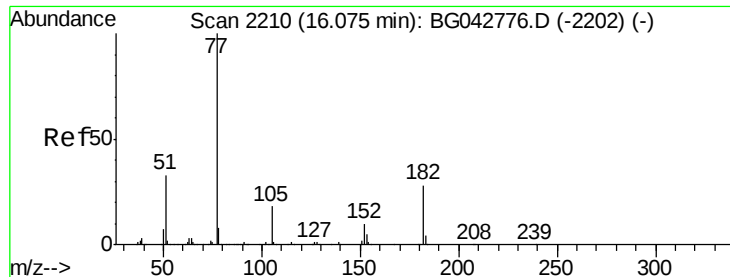
mohammad
9/17/2019 1:26:57 PM



#62
4-Nitroaniline
Concen: 40.894 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	217075		
92	56.4		31.4	71.4
108	94.2		74.8	114.8





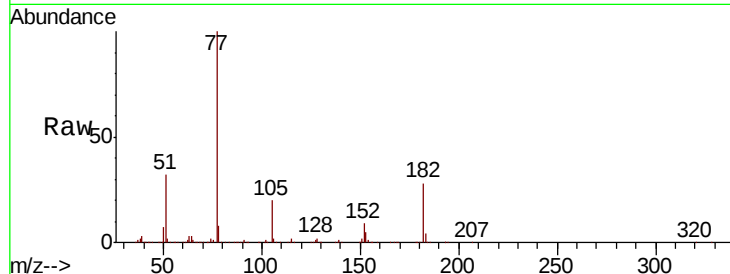
#63
Azobenzene
Concen: 43.348 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

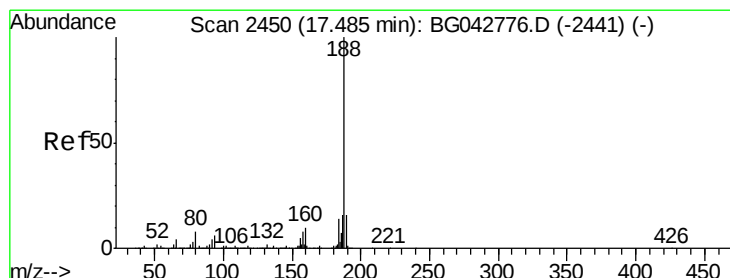
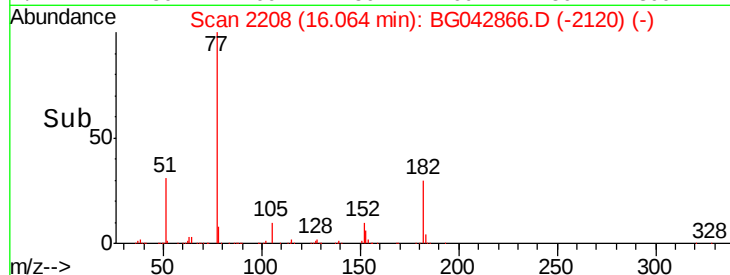
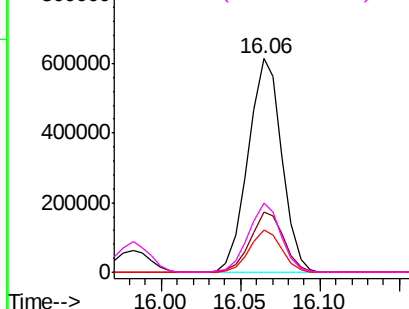
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.2	8.1	48.1		
105	19.9	0.0	38.1		
51	32.5	12.9	52.9		

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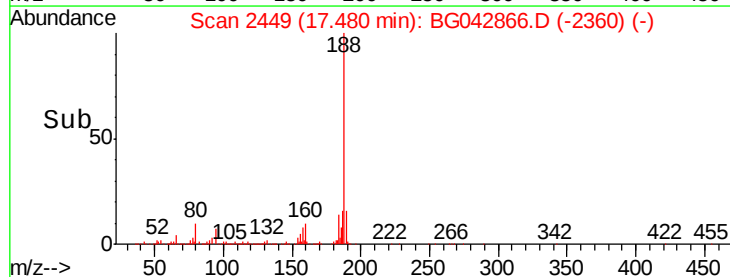
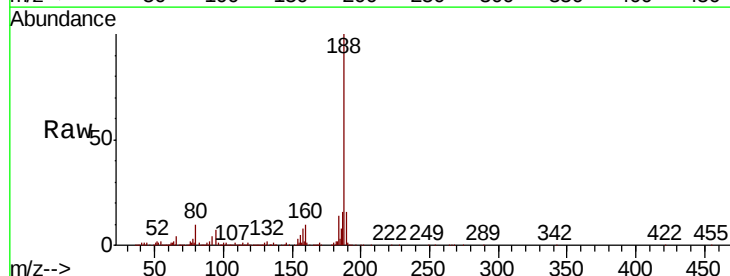
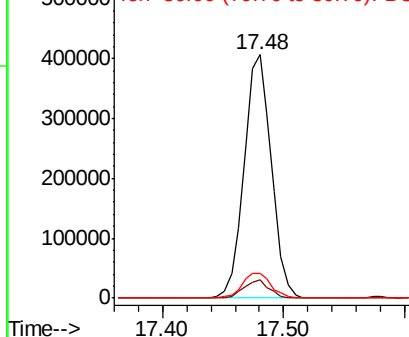
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

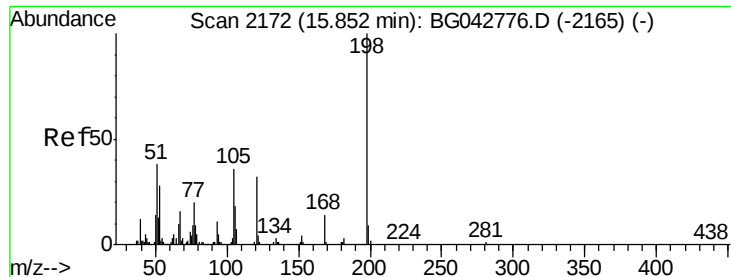


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.5	4.8	7.2#		
80	10.1	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





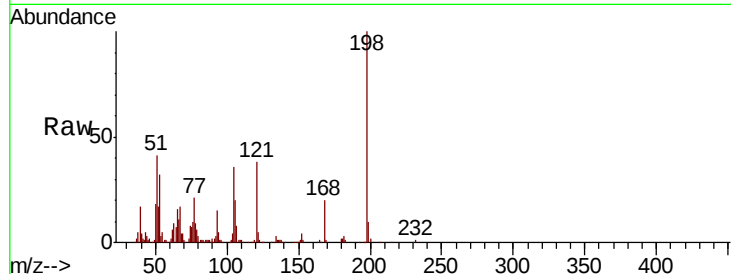
#65
4,6-Dinitro-2-methylphenol
Concen: 49.405 ng
RT: 15.85 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	134583		
51	40.9		20.9	60.9
105	35.9		16.4	56.4

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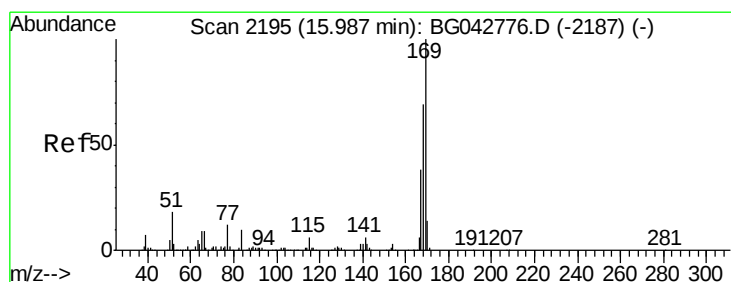
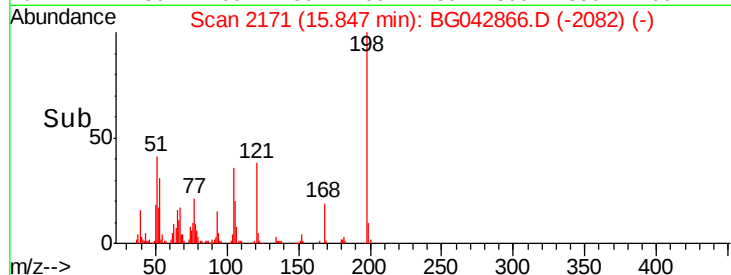
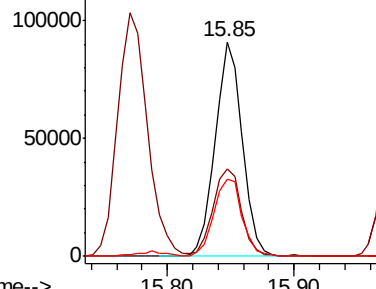


Abundance

Ion 198.00 (197.70 to 198.70): E

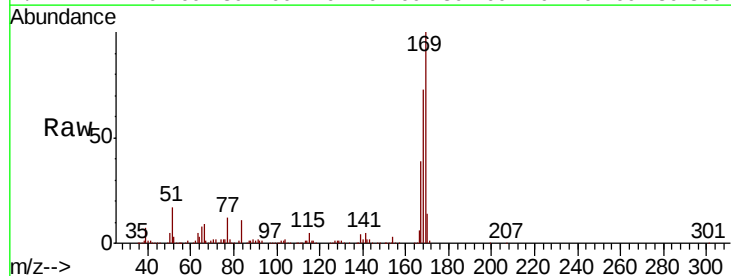
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 47.204 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	808671		
168	72.7		55.4	83.2
167	38.7		30.4	45.6

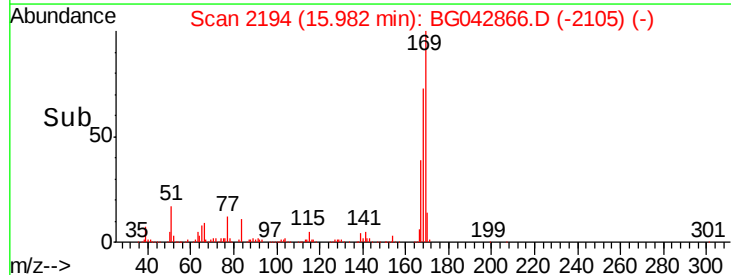
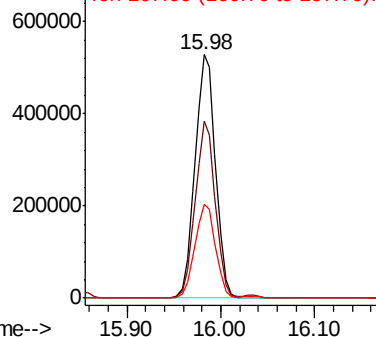


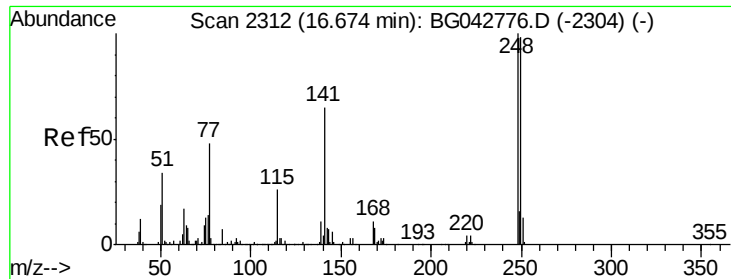
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





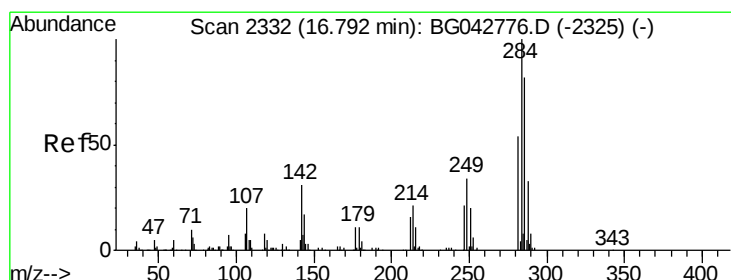
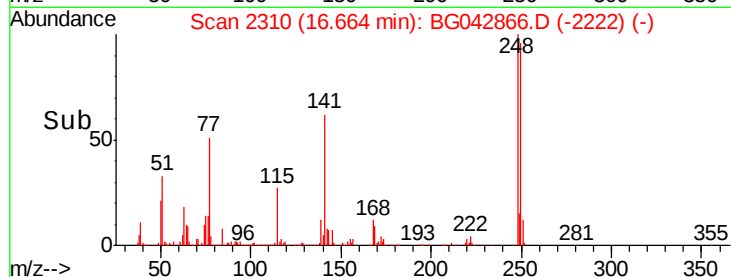
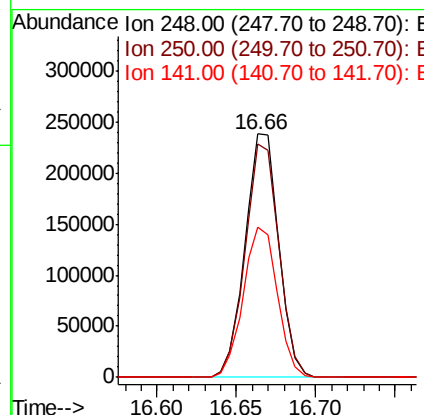
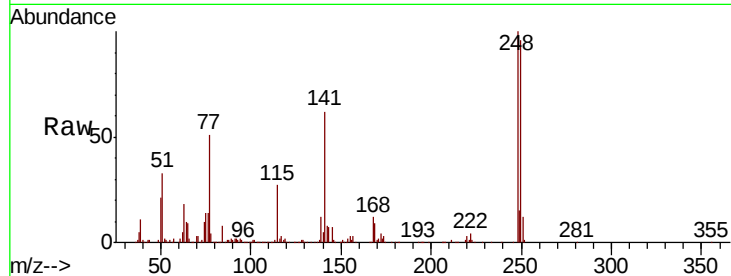
#67
4-Bromophenyl-phenylether
Concen: 45.441 ng
RT: 16.66 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	78.0	117.0
141	61.5	51.8	77.6

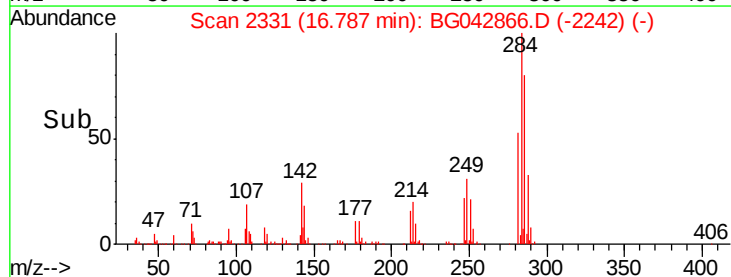
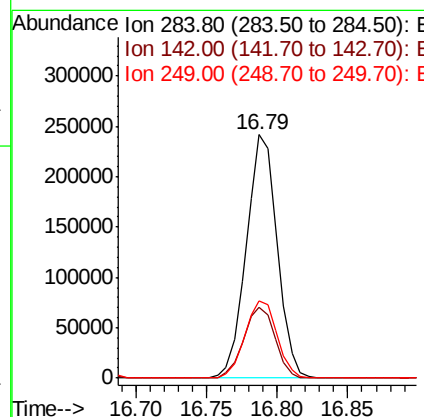
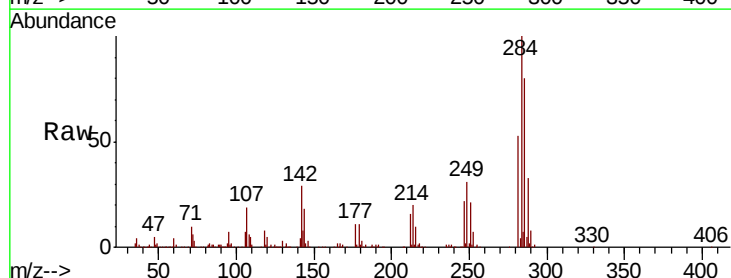
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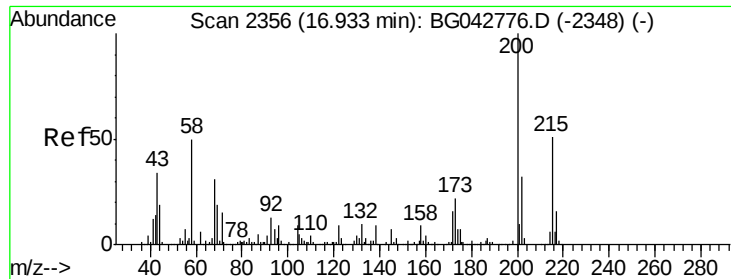
mohammad
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#68
Hexachlorobenzene
Concen: 44.901 ng
RT: 16.79 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	24.7	37.1
249	31.5	27.0	40.4





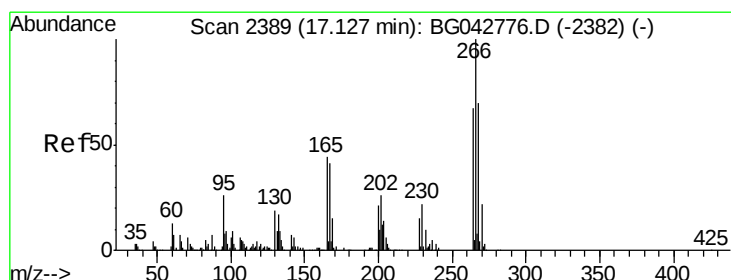
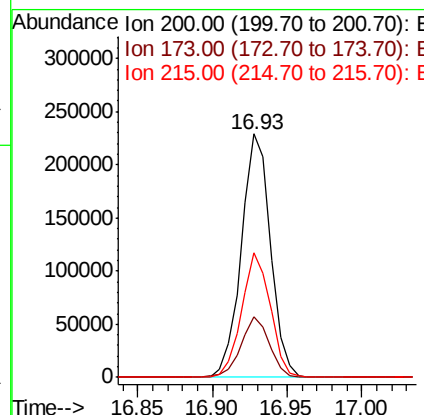
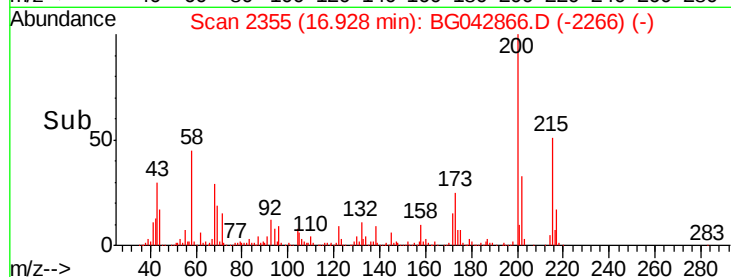
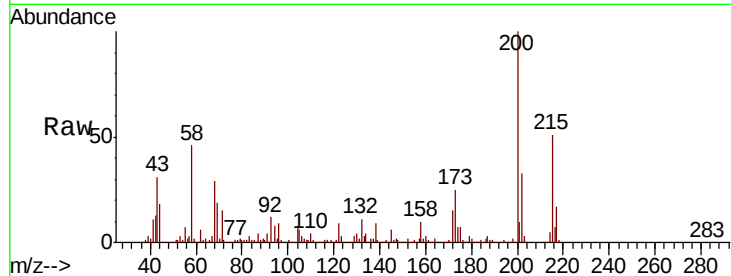
#69
Atrazine
Concen: 52.024 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.7	2.5	42.5	
215	51.4	31.0	71.0	

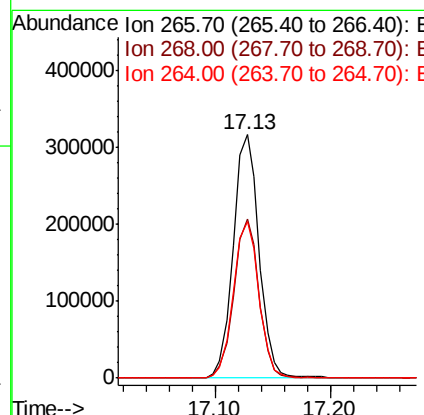
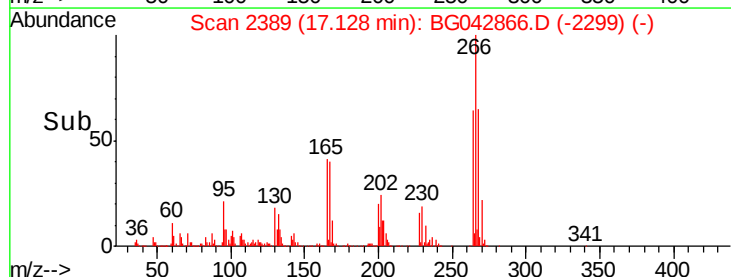
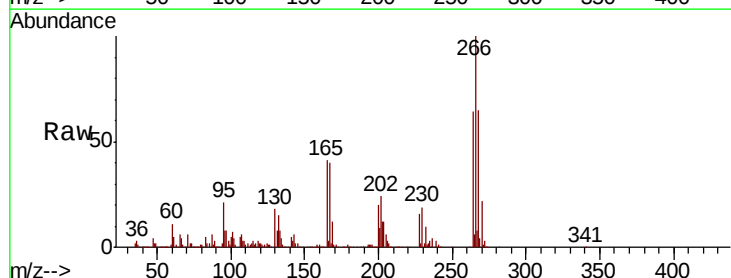
Manual Integrations
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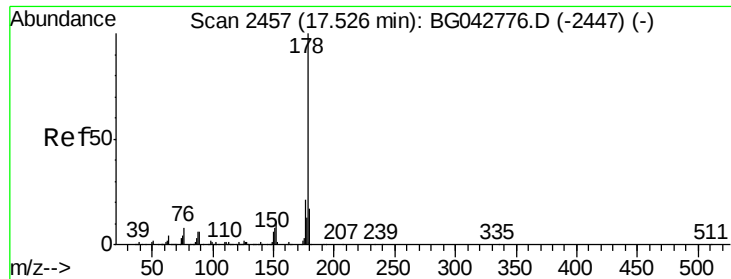
mohammad
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#70
Pentachlorophenol
Concen: 99.795 ng
RT: 17.13 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	65.4	56.2	84.4	
264	64.4	53.4	80.2	





#71

Phenanthrene

Concen: 45.743 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Instrument :

BNA_G

ClientSampleId :

SB-23-COMPMSD

Tot Ion:178 Resp: 1392732

Ion Ratio Lower Upper

178 100

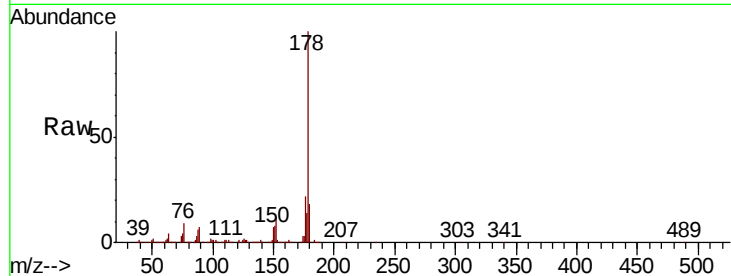
176 22.1 17.0 25.4

179 17.8 13.6 20.4

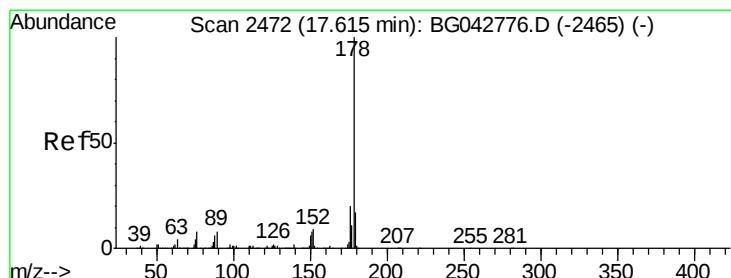
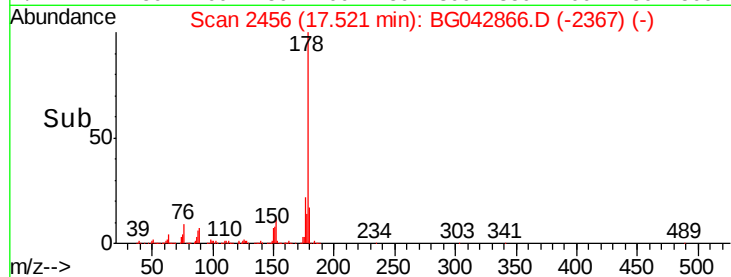
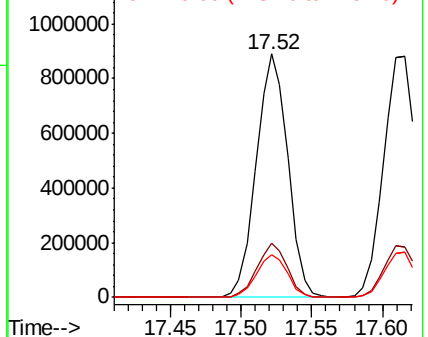
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Abundance Ion 178.00 (177.70 to 178.70): E
1200000 Ion 176.00 (175.70 to 176.70): E
1000000 Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.780 ng

RT: 17.62 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Tgt Ion:178 Resp: 1422968

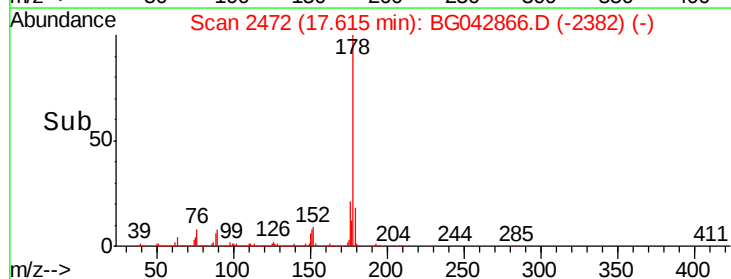
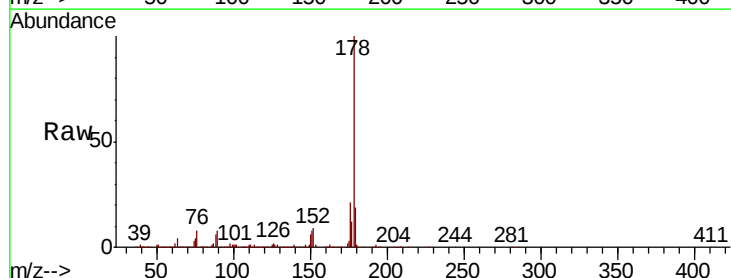
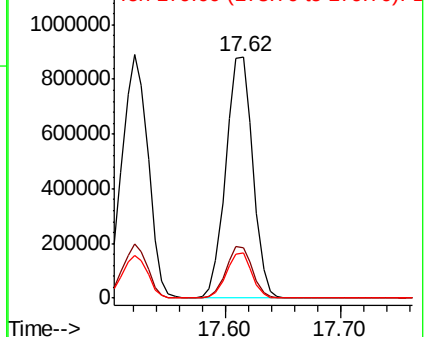
Ion Ratio Lower Upper

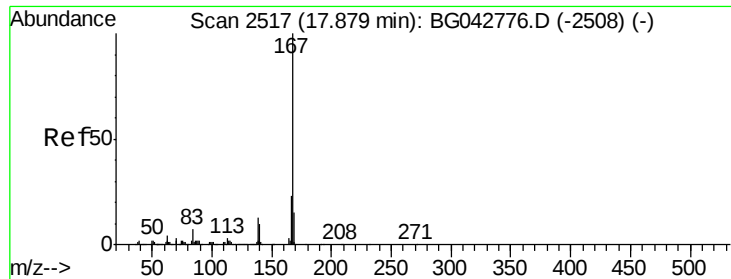
178 100

176 21.0 16.2 24.4

179 18.5 13.6 20.4

Abundance Ion 178.00 (177.70 to 178.70): E
1200000 Ion 176.00 (175.70 to 176.70): E
1000000 Ion 179.00 (178.70 to 179.70): E





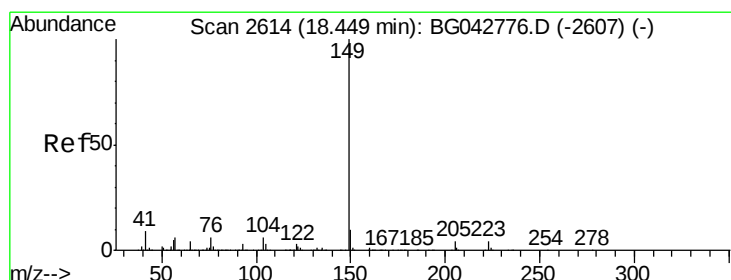
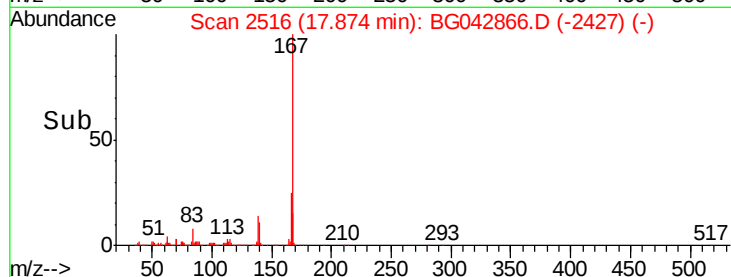
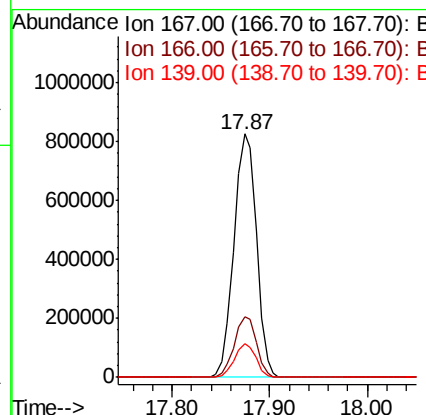
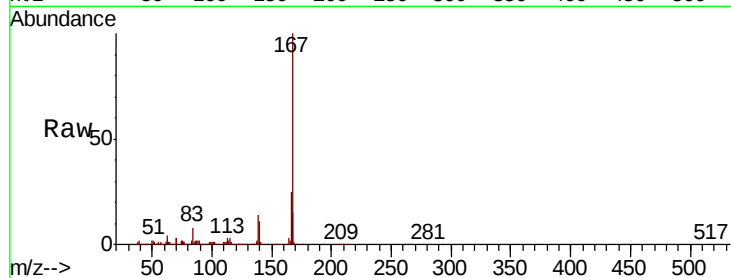
#73
 Carbazole
 Concen: 45.806 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. -0.00 min
 Lab File: BG042866.D
 Acq: 17 Sep 2019 2:13

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.1	18.3	27.5
139	13.7	10.2	15.4

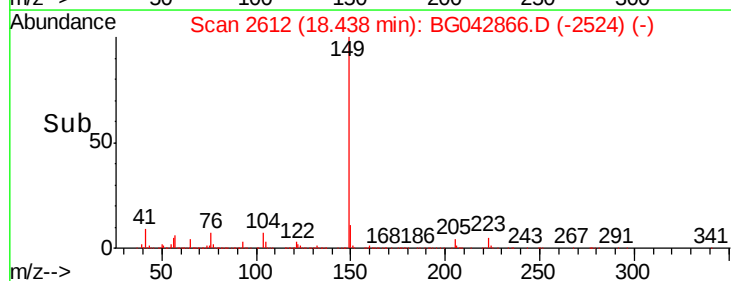
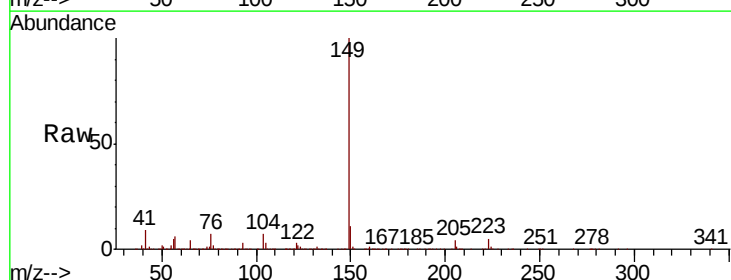
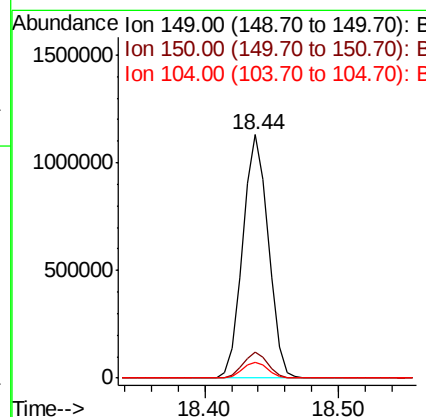
Manual Integrations
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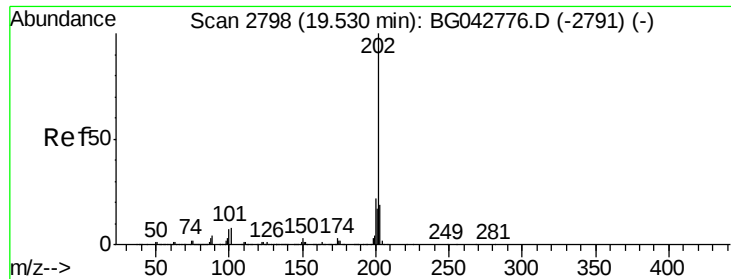
mohammad
 9/17/2019 1:26:57 PM



#74
 Di-n-butylphthalate
 Concen: 43.091 ng
 RT: 18.44 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG042866.D
 Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.0	12.0
104	6.7	5.1	7.7





#75

Fluoranthene

Concen: 43.631 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Instrument :

BNA_G

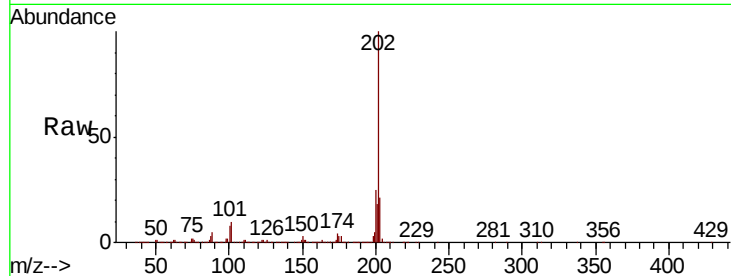
ClientSampleId :

SB-23-COMPMSD

Tot Ion:	202	Resp:	1721684
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	27.8
203	21.0	0.0	39.1

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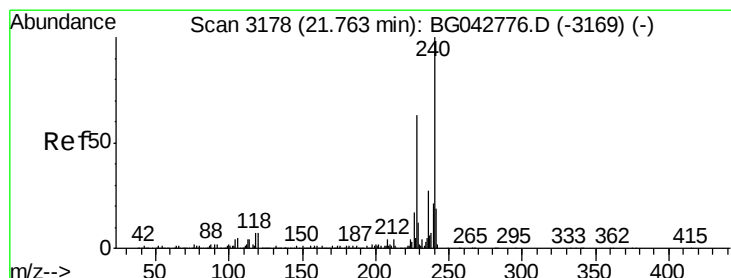
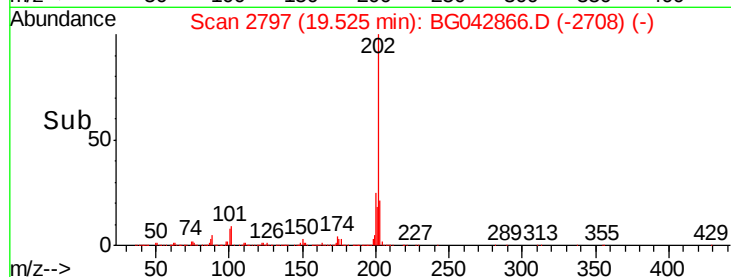
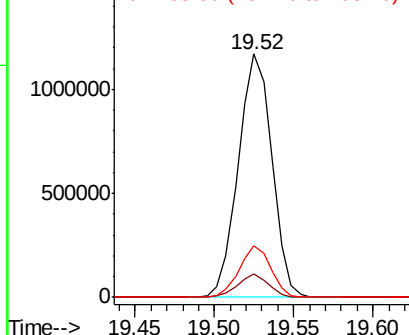


Abundance

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

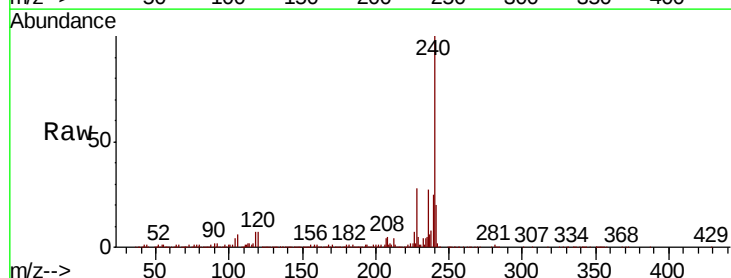
RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Tgt Ion:	240	Resp:	605357
Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.4	8.2
236	27.0	21.7	32.5

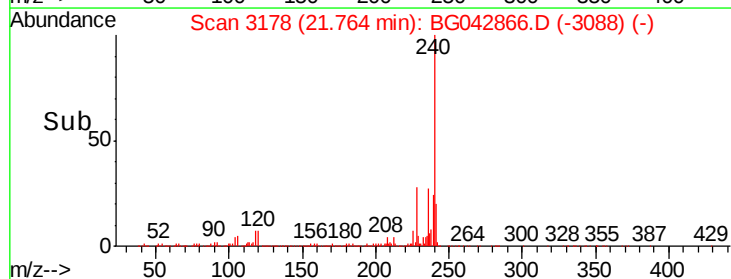
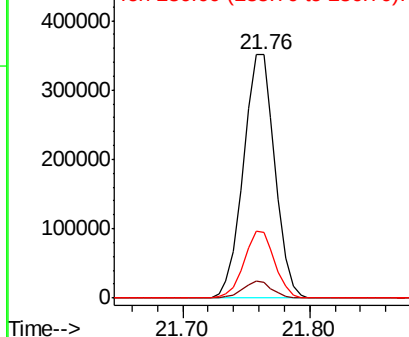


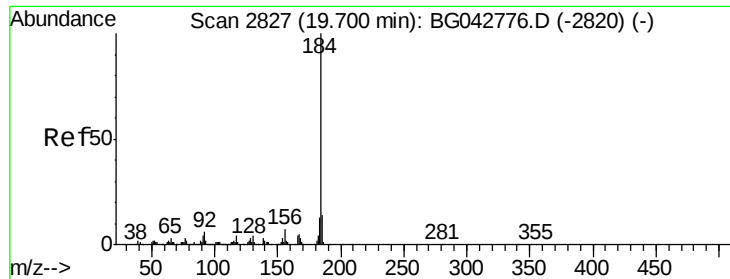
Abundance

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: 47.313 ng

RT: 19.70 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Instrument :

BNA_G

ClientSampleId :

SB-23-COMPMSD

Tot Ion:184 Resp: 800198

Ion Ratio Lower Upper

184 100

185 14.7 11.6 17.4

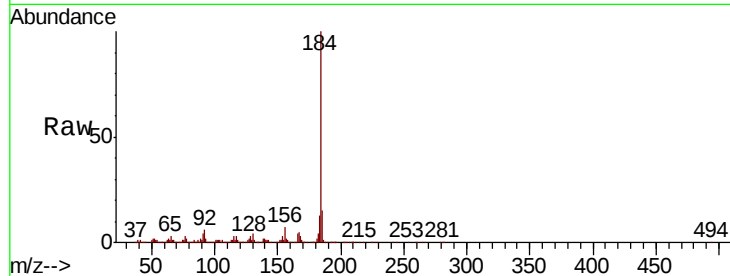
183 13.5 10.4 15.6

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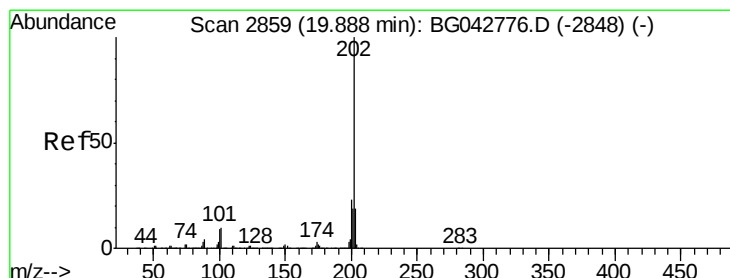
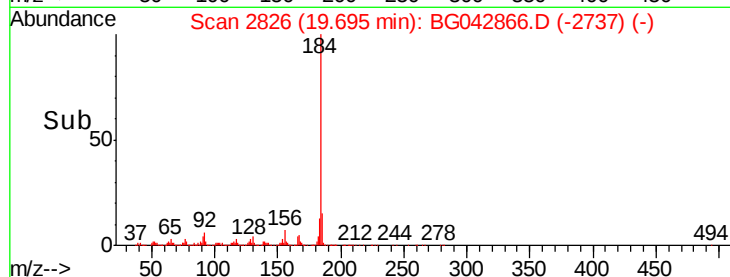
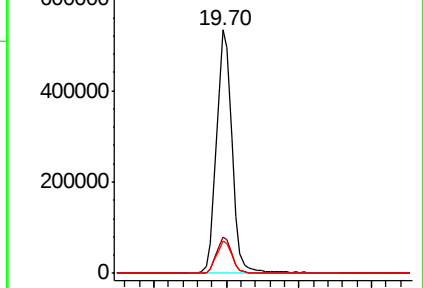
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.225 ng

RT: 19.89 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

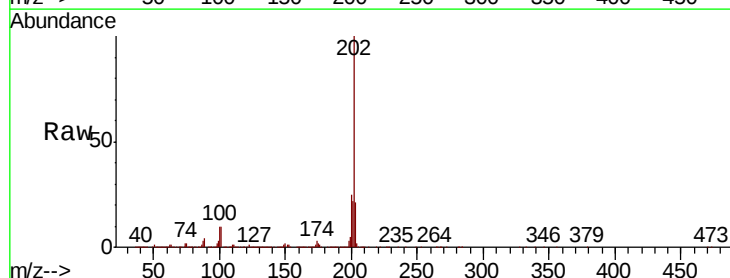
Tgt Ion:202 Resp: 1713992

Ion Ratio Lower Upper

202 100

200 25.2 18.5 27.7

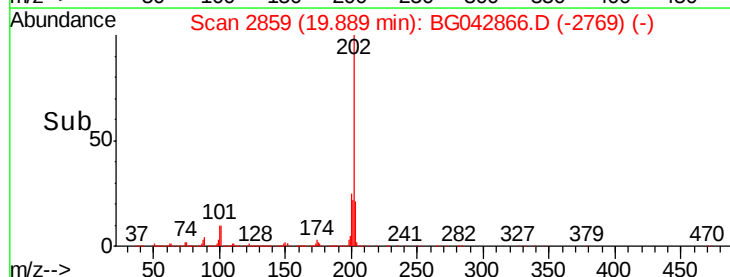
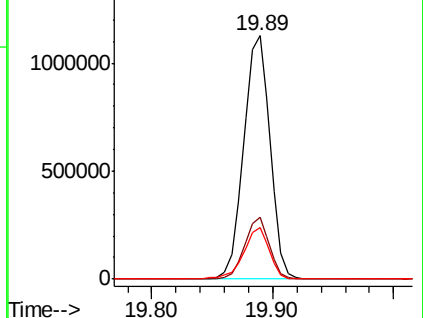
203 21.0 15.3 22.9

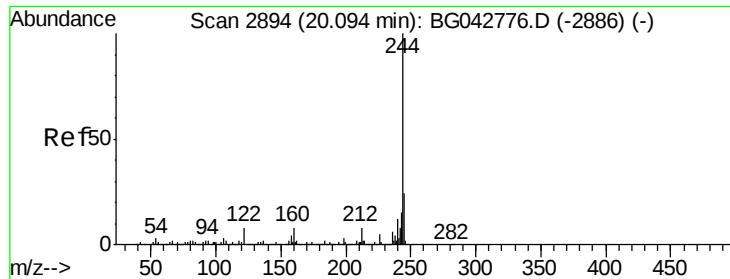


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.833 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Instrument :

BNA_G

ClientSampled :

SB-23-COMPMSD

Tot Ion:244 Resp: 1852794

Ion Ratio Lower Upper

244 100

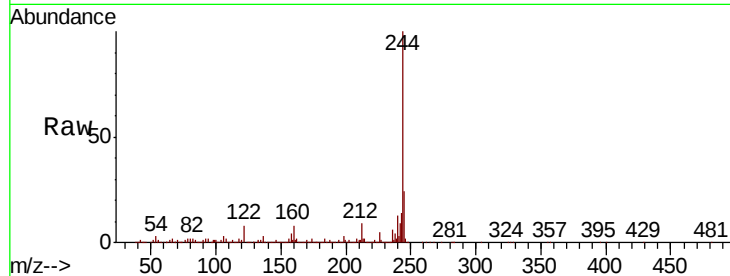
212 9.0 6.6 10.0

122 8.5 6.2 9.4

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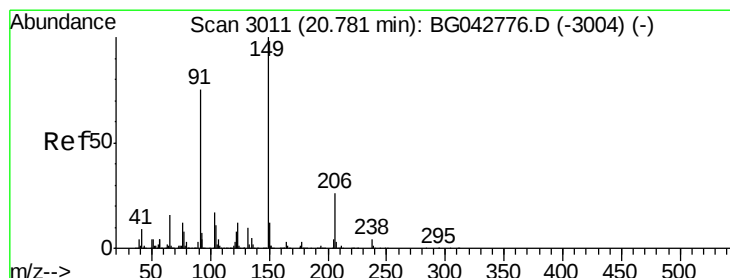
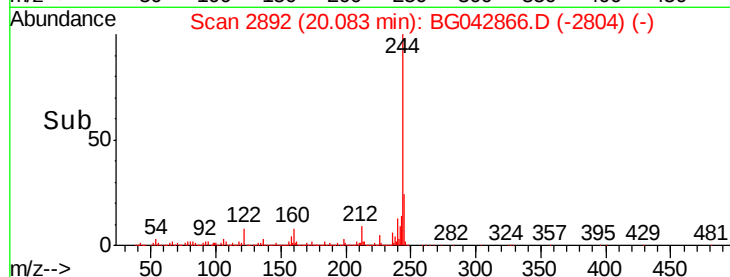
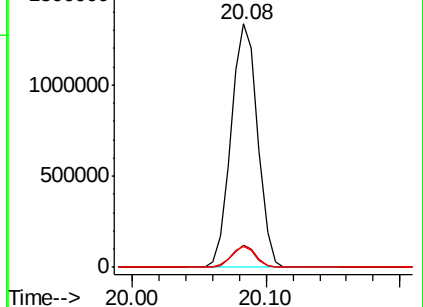
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.369 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

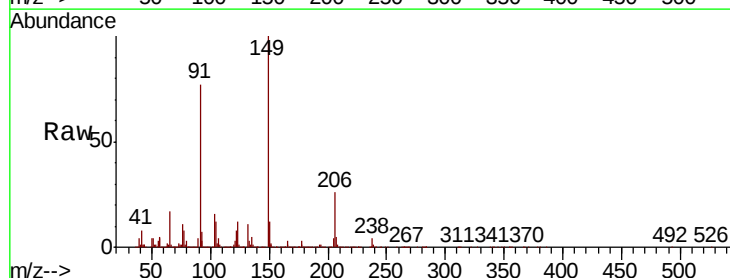
Tgt Ion:149 Resp: 695881

Ion Ratio Lower Upper

149 100

91 76.8 60.2 90.2

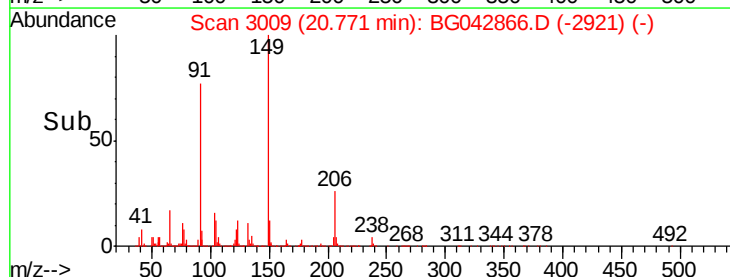
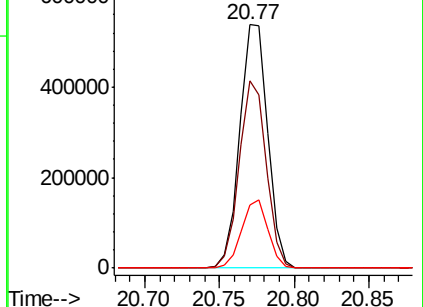
206 26.1 20.6 30.8

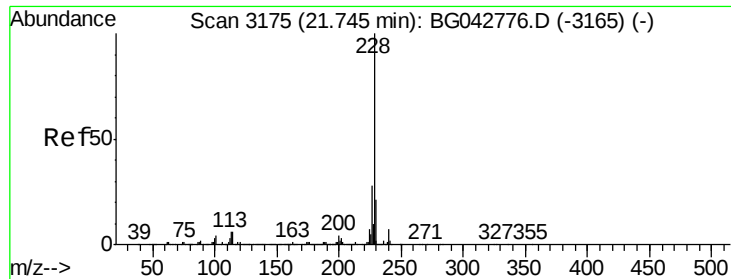


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.081 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Instrument :

BNA_G

ClientSampleId :

SB-23-COMPMSD

Tot Ion:228 Resp: 1696658

Ion Ratio Lower Upper

228 100

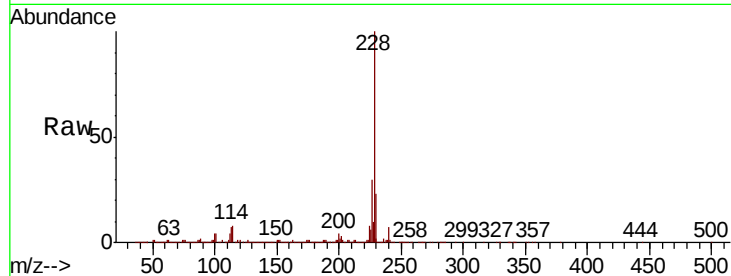
226 30.2 22.5 33.7

229 22.8 17.2 25.8

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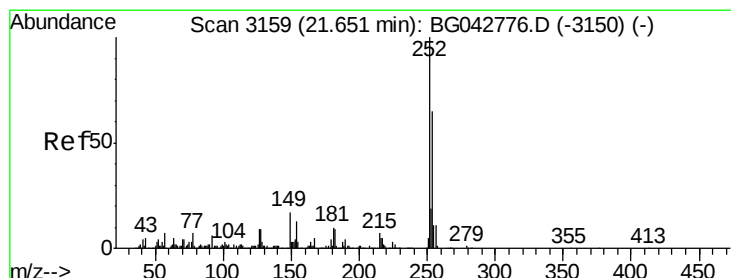
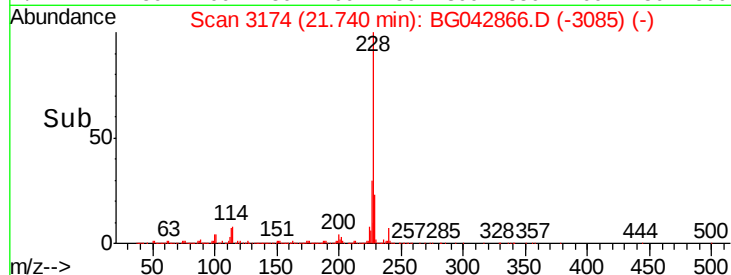
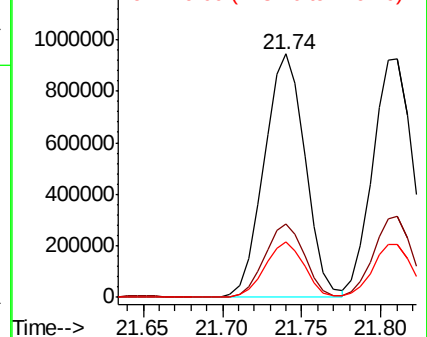


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.949 ng

RT: 21.65 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

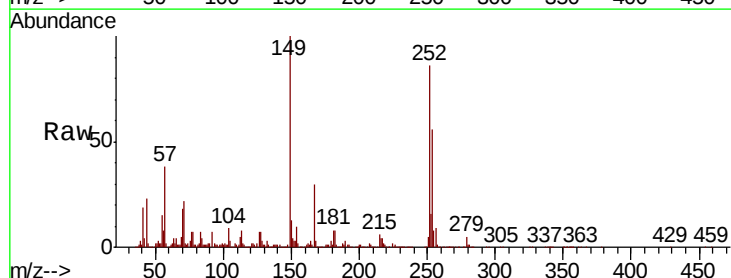
Tgt Ion:252 Resp: 612506

Ion Ratio Lower Upper

252 100

254 65.5 52.2 78.2

126 7.8 7.0 10.4

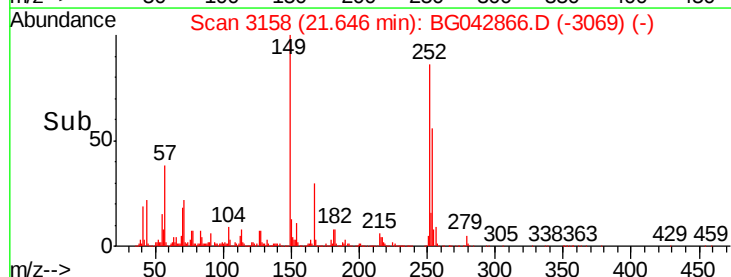
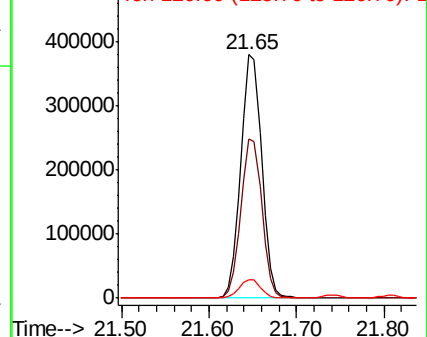


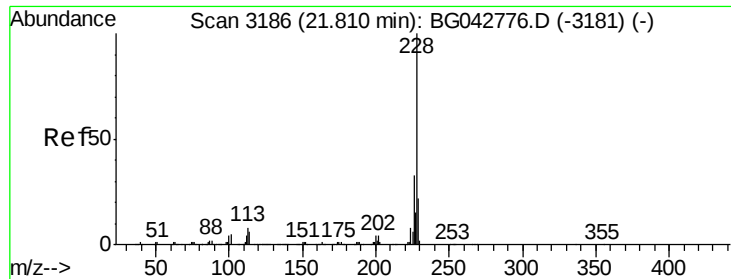
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





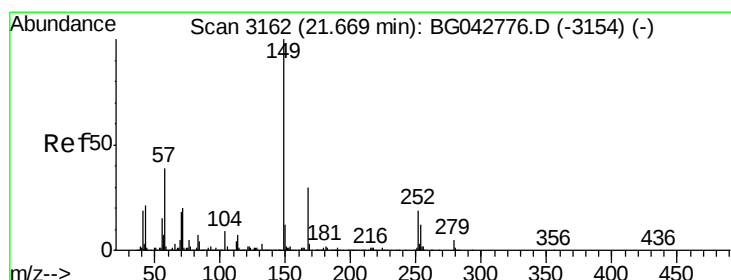
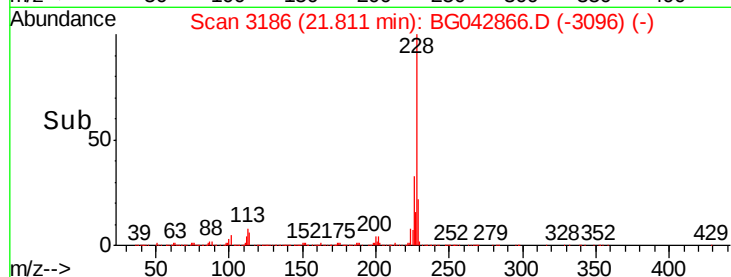
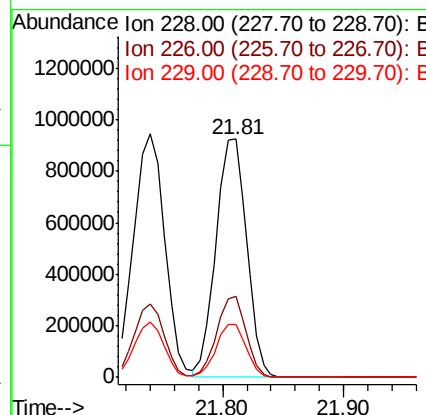
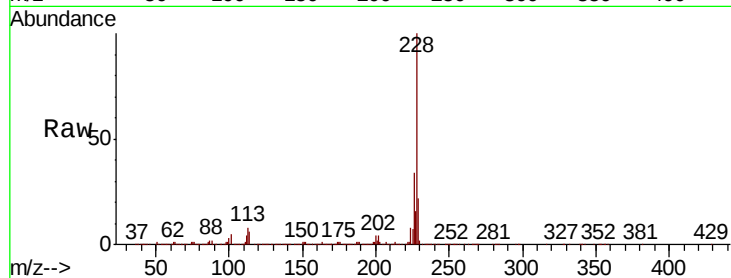
#83
Chrysene
Concen: 44.688 ng
RT: 21.81 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.8	26.0	39.0
229	22.4	17.1	25.7

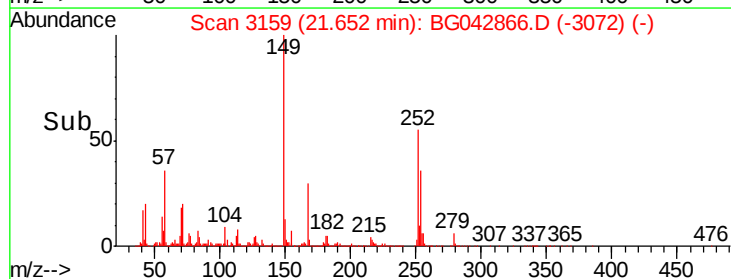
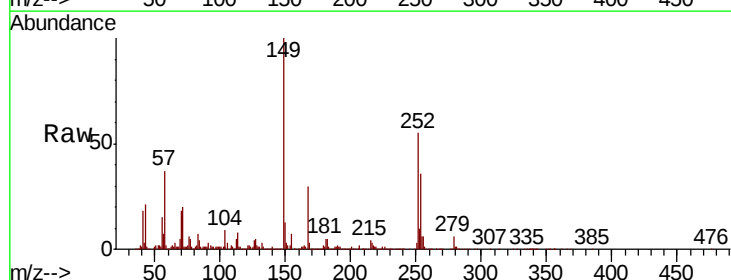
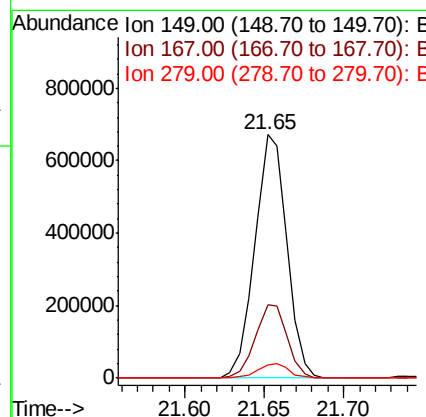
Manual Integrations
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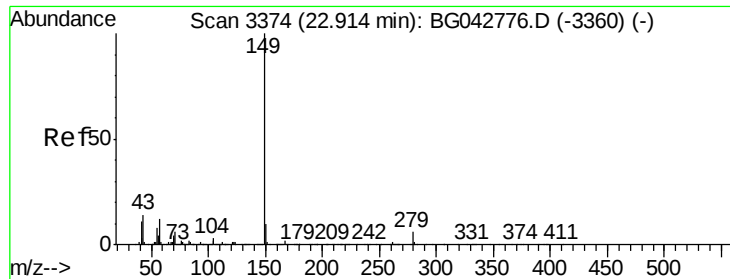
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.951 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.3	36.5
279	5.5	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 44.924 ng

RT: 22.89 min Scan# 3370

Delta R.T. -0.02 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Instrument :

BNA_G

ClientSampleId :

SB-23-COMPMSD

Tot Ion:149 Resp: 1605033

Ion Ratio Lower Upper

149 100

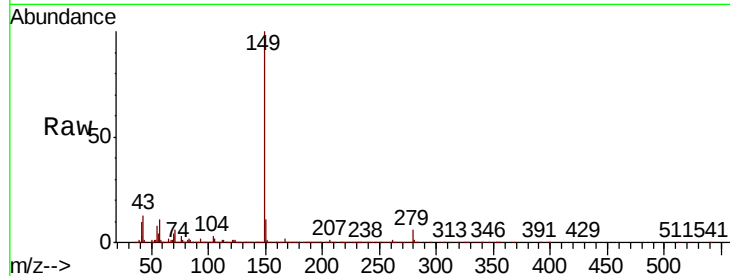
167 1.8 1.4 2.0

43 12.6 10.6 15.8

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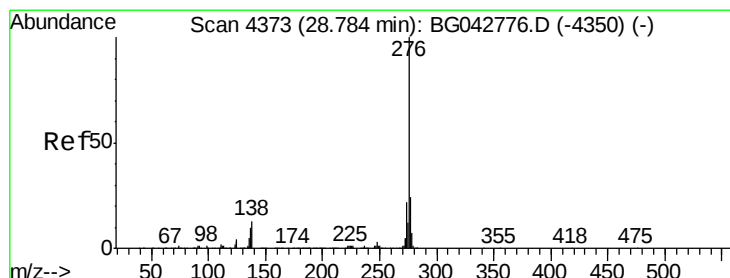
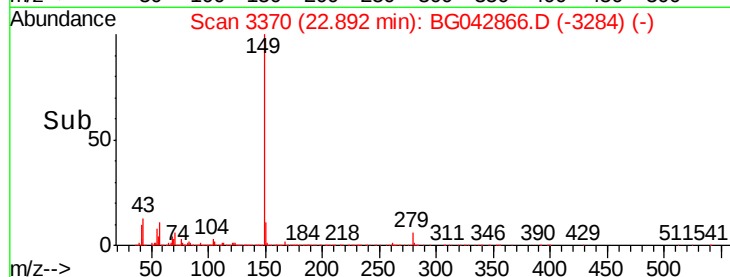
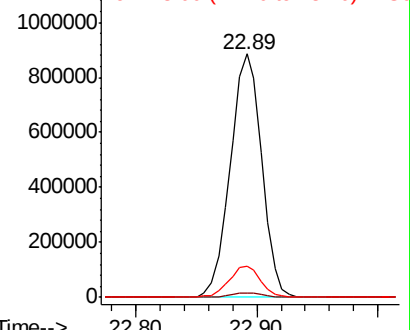
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 45.246 ng

RT: 28.78 min Scan# 4373

Delta R.T. 0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

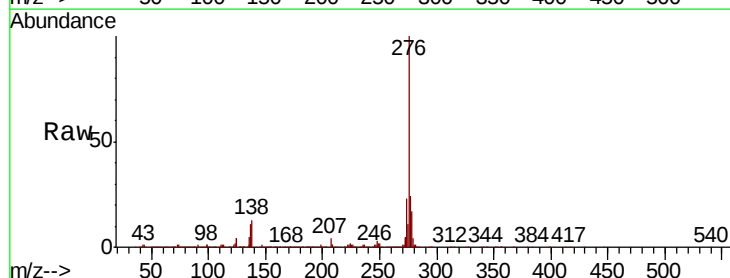
Tgt Ion:276 Resp: 2042813

Ion Ratio Lower Upper

276 100

138 12.7 9.3 13.9

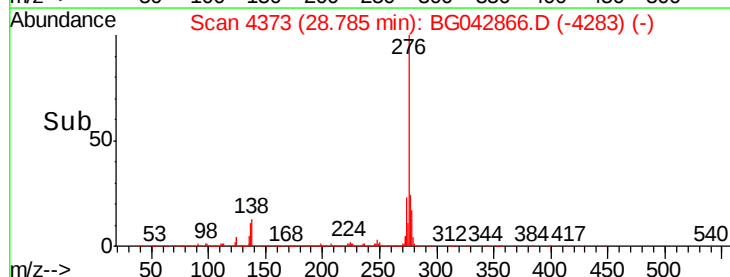
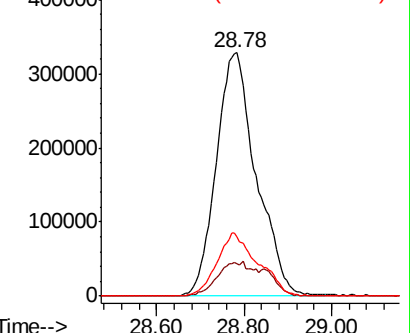
277 26.5 17.2 25.8#

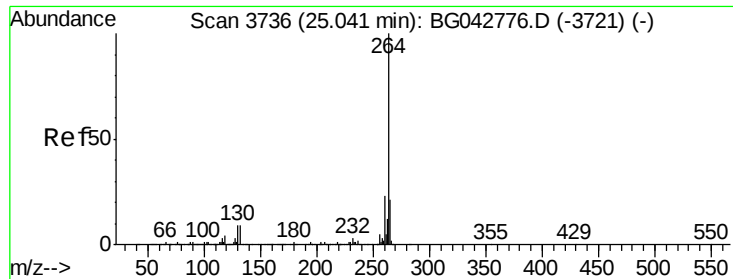


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.04 min Scan# 3735

Delta R.T. -0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Instrument :

BNA_G

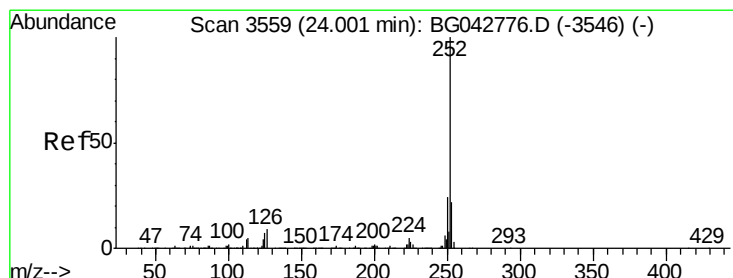
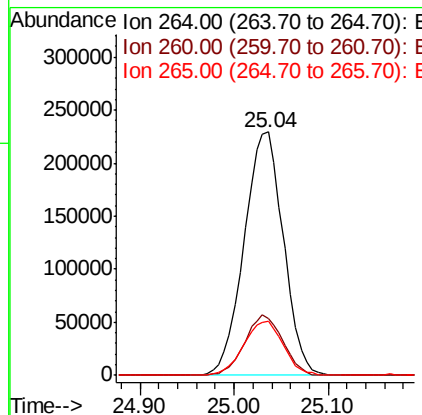
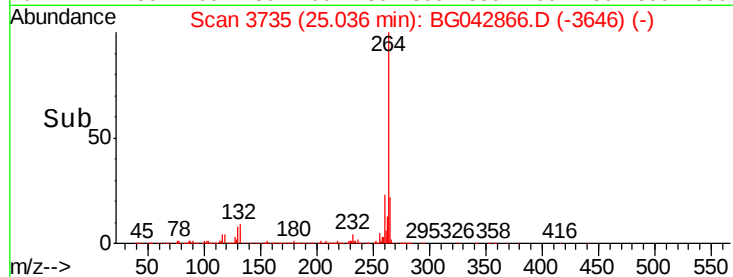
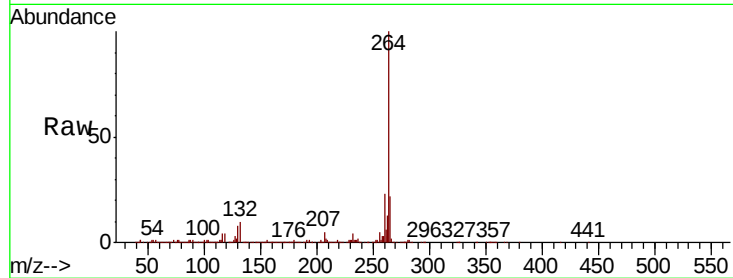
ClientSampleId :

SB-23-COMPMSD

Tot Ion:	264	Resp:	663596
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.2
265	22.2	16.9	25.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 45.927 ng

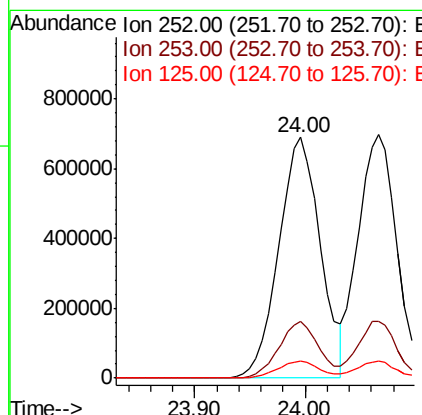
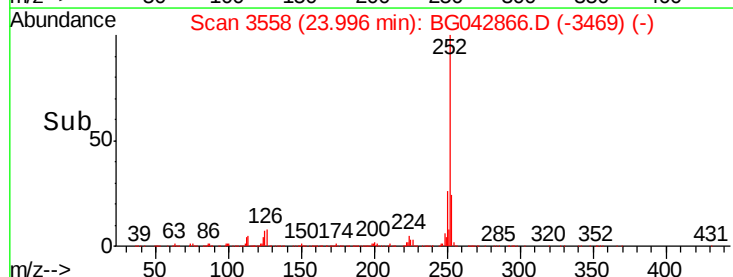
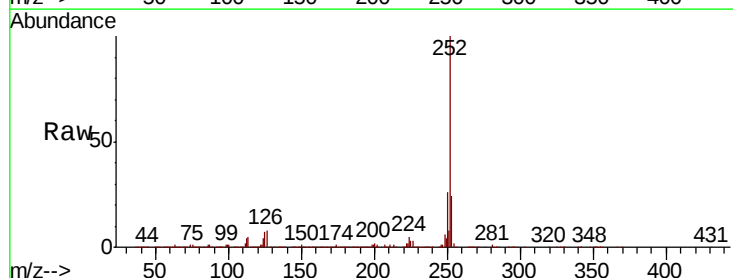
RT: 24.00 min Scan# 3558

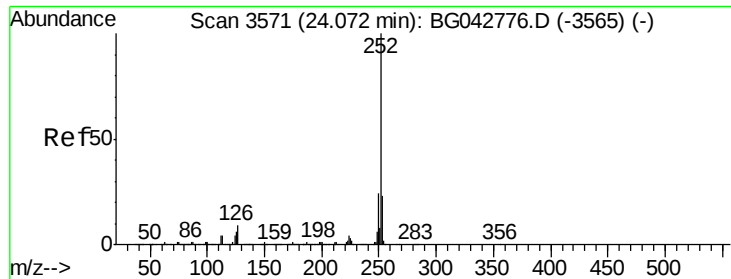
Delta R.T. -0.00 min

Lab File: BG042866.D

Acq: 17 Sep 2019 2:13

Tgt Ion:	252	Resp:	1789531
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.9	26.9
125	7.0	5.6	8.4





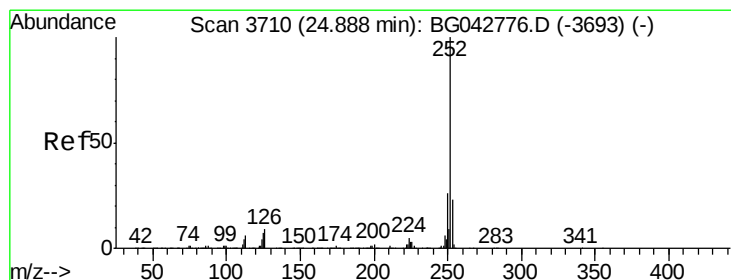
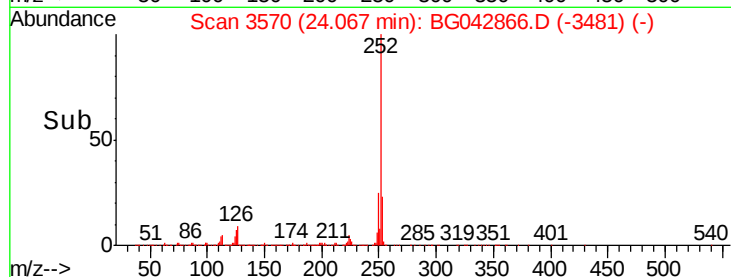
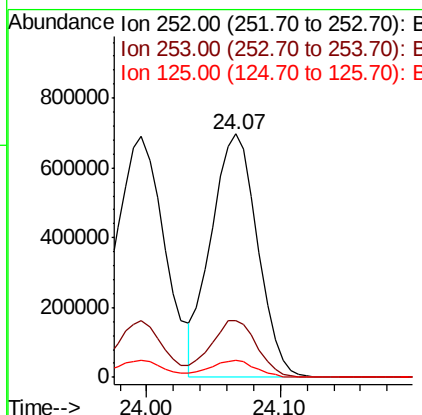
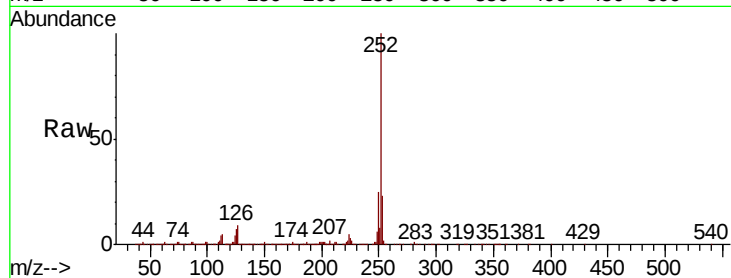
#89
Benzo(k)fluoranthene
Concen: 45.845 ng
RT: 24.07 min Scan# 3570
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	7.0	5.3	7.9

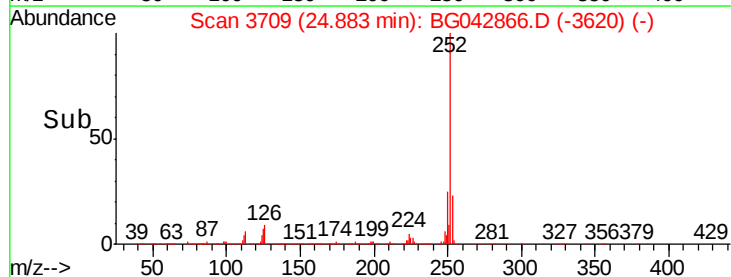
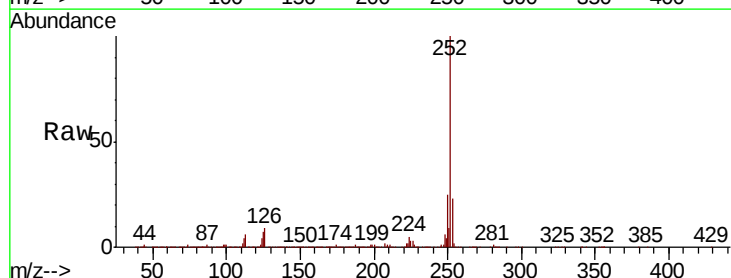
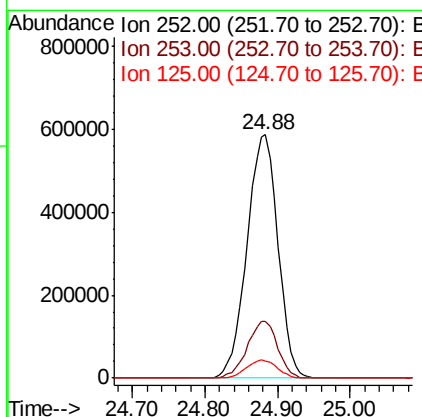
Manual Integrations
APPROVED

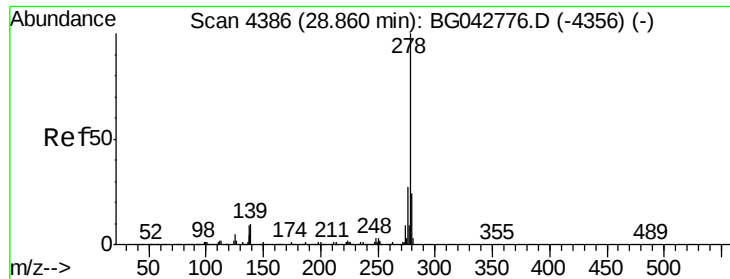
mohammad
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#90
Benzo(a)pyrene
Concen: 47.440 ng
RT: 24.88 min Scan# 3709
Delta R.T. -0.00 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	7.2	5.7	8.5





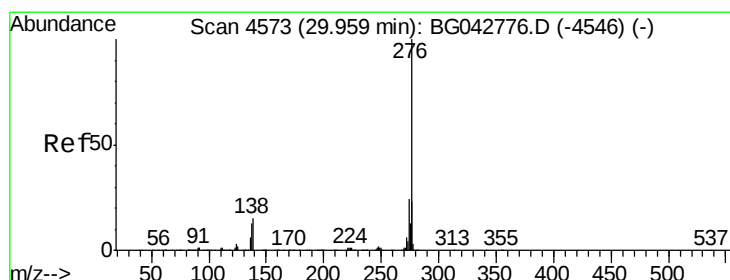
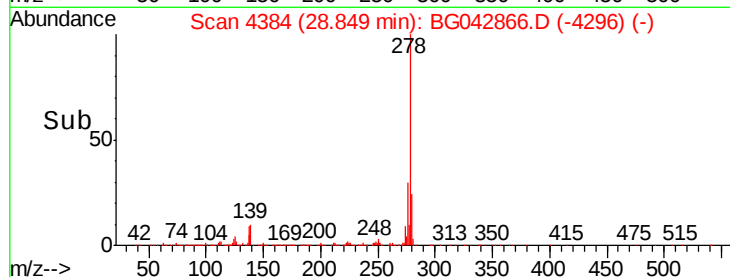
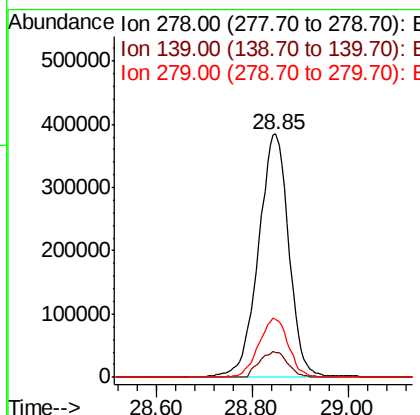
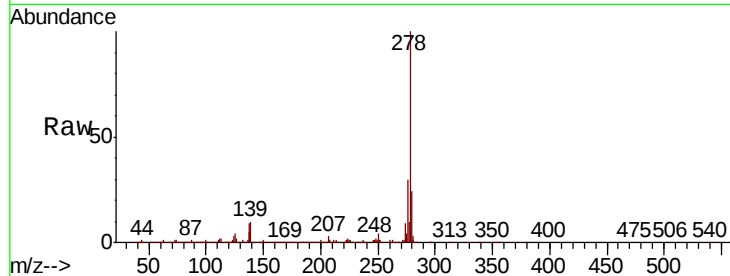
#91
Dibenzo(a,h)anthracene
Concen: 47.162 ng
RT: 28.85 min Scan# 4384
Delta R.T. -0.01 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.9	8.2	12.2
279	23.8	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:57 PM



#92
Benzo(g,h,i)perylene
Concen: 46.966 ng
RT: 29.94 min Scan# 4570
Delta R.T. -0.02 min
Lab File: BG042866.D
Acq: 17 Sep 2019 2:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.4	27.6
138	15.0	11.8	17.8

