

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042823.D
 Acq On : 13 Sep 2019 19:11
 Operator : HP/JU
 Sample : K4846-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Manual Integrations
 APPROVED

mohammad
 9/17/2019 9:20:35 AM

Quant Time: Sep 13 23:24:57 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	87077	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	344700	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	232317	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	535653	20.00	ng	0.00
76) Chrysene-d12	21.76	240	518340	20.00	ng	0.00
87) Perylene-d12	25.03	264	582842	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	446621	89.17	ng	0.00
7) Phenol-d6	7.27	99	670361	93.25	ng	0.00
23) Nitrobenzene-d5	9.27	82	408844	61.75	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	266589	86.25	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	854402	58.22	ng	0.00
79) Terphenyl-d14	20.08	244	1396288	59.70	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	75753	33.140	ng	96
3) Pyridine	3.98	79	207917	30.210	ng	98
4) n-Nitrosodimethylamine	3.89	42	124117	37.062	ng	92
6) Aniline	7.44	93	293058	30.214	ng	97
8) 2-Chlorophenol	7.68	128	241932	44.686	ng	97
9) Benzaldehyde	7.25	77	171425	36.643	ng	99
10) Phenol	7.30	94	354034	48.020	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	233219	41.218	ng	98
12) 1,3-Dichlorobenzene	8.01	146	257504	38.995	ng	99
13) 1,4-Dichlorobenzene	8.15	146	263035	39.786	ng	98
14) 1,2-Dichlorobenzene	8.48	146	245427	38.999	ng	97
15) Benzyl Alcohol	8.35	79	259130	42.002	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	469741	37.805	ng	99
17) 2-Methylphenol	8.55	107	215961	43.784	ng	98
18) Hexachloroethane	9.21	117	95880	39.282	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	208288	39.320	ng	94
20) 3+4-Methylphenols	8.88	107	297808	43.801	ng	97
22) Acetophenone	8.94	105	363100	41.709	ng	99
24) Nitrobenzene	9.32	77	308796	44.434	ng	98
25) Isophorone	9.85	82	561250	40.668	ng	98
26) 2-Nitrophenol	10.03	139	135723	49.665	ng	96
27) 2,4-Dimethylphenol	10.09	122	240986	49.852	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	315314	40.970	ng	98
29) 2,4-Dichlorophenol	10.56	162	249487	44.413	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	275951	40.235	ng	95
31) Naphthalene	10.98	128	716079	42.075	ng	99
32) Benzoic acid	10.21	122	174186	44.979	ng	97
33) 4-Chloroaniline	11.07	127	184275	23.166	ng	99
34) Hexachlorobutadiene	11.27	225	183638	38.216	ng	99
35) Caprolactam	11.84	113	90886m	43.508	ng	
36) 4-Chloro-3-methylphenol	12.19	107	280264	45.950	ng	95
37) 2-Methylnaphthalene	12.57	142	541049	42.439	ng	98
38) 1-Methylnaphthalene	12.79	142	507058	42.406	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	324920	42.325	ng	98

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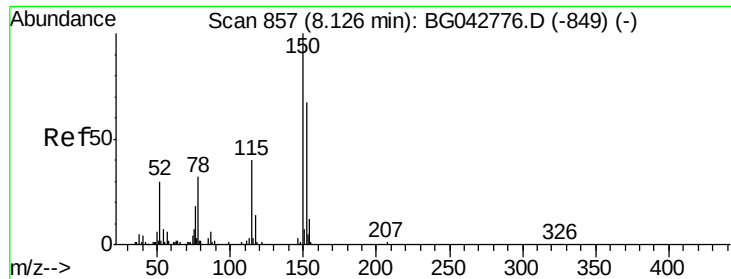
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Quant Time: Sep 13 23:24:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
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 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	420455	95.605	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	228090	44.628	nq	97
44) 2,4,5-Trichlorophenol	13.24	196	249532	47.666	nq	95
46) 1,1'-Biphenyl	13.57	154	717174	44.097	nq	99
47) 2-Chloronaphthalene	13.61	162	560658	41.673	nq	99
48) 2-Nitroaniline	13.81	65	206280	44.199	nq	93
49) Acenaphthylene	14.46	152	893989	43.483	nq	98
50) Dimethylphthalate	14.19	163	766198	44.026	nq	99
51) 2,6-Dinitrotoluene	14.30	165	160740	45.012	nq	96
52) Acenaphthene	14.80	154	619263	46.105	nq	99
53) 3-Nitroaniline	14.62	138	137867	34.399	nq #	95
54) 2,4-Dinitrophenol	14.83	184	160266	91.166	nq #	73
55) Dibenzofuran	15.13	168	858031	42.978	nq	98
56) 4-Nitrophenol	14.92	139	286244	92.372	nq	98
57) 2,4-Dinitrotoluene	15.08	165	222507	46.746	nq #	98
58) Fluorene	15.78	166	714416	43.178	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	242648	47.815	nq #	98
60) Diethylphthalate	15.55	149	707070	40.025	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	404915	41.390	nq	98
62) 4-Nitroaniline	15.79	138	186208	43.103	nq	99
63) Azobenzene	16.06	77	724345	42.580	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	121922	53.195	nq	94
66) n-Nitrosodiphenylamine	15.98	169	638395	44.290	nq	98
67) 4-Bromophenyl-phenylether	16.67	248	271822	41.926	nq	99
68) Hexachlorobenzene	16.79	284	278959	40.267	nq	98
69) Atrazine	16.93	200	251641	50.133	nq	98
70) Pentachlorophenol	17.13	266	392494	95.504	nq	94
71) Phenanthrene	17.52	178	1118829	43.675	nq	100
72) Anthracene	17.61	178	1146101	44.782	nq	100
73) Carbazole	17.87	167	1052528	43.270	nq	97
74) Di-n-butylphthalate	18.44	149	1222903	41.968	nq	99
75) Fluoranthene	19.52	202	1442814	43.458	nq	99
77) Benzidine	19.69	184	770274	53.189	nq	99
78) Pyrene	19.89	202	1447962	44.619	nq	99
80) Butylbenzylphthalate	20.78	149	566758	43.154	nq	99
81) Benzo(a)anthracene	21.73	228	1401247	42.518	nq	99
82) 3,3'-Dichlorobenzidine	21.64	252	377430	29.469	nq	97
83) Chrysene	21.80	228	1345679	43.106	nq	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	786301	43.817	nq	98
85) Di-n-octyl phthalate	22.89	149	1344367	43.945	nq	100
86) Indeno(1,2,3-cd)pyrene	28.76	276	1678615	43.421	nq #	93
88) Benzo(b)fluoranthene	23.99	252	1473242	43.048	nq	99
89) Benzo(k)fluoranthene	24.06	252	1399462	43.290	nq	98
90) Benzo(a)pyrene	24.88	252	1434925	44.778	nq	99
91) Dibenzo(a,h)anthracene	28.84	278	1394779	44.253	nq	100
92) Benzo(g,h,i)perylene	29.94	276	1373853	44.689	nq	97

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



#1

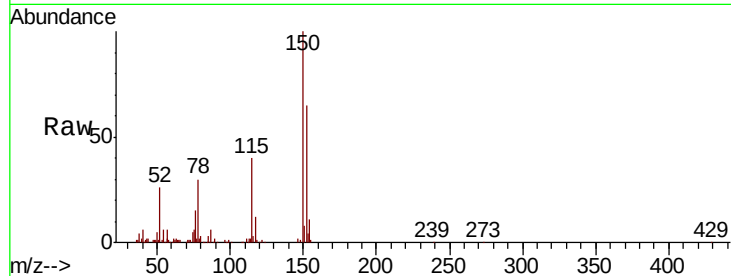
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	118.9	178.3
115	61.0	47.4	71.2

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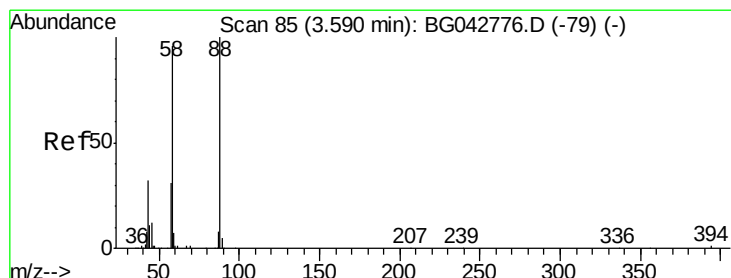
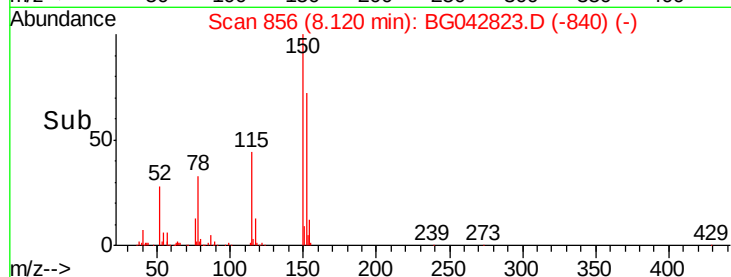
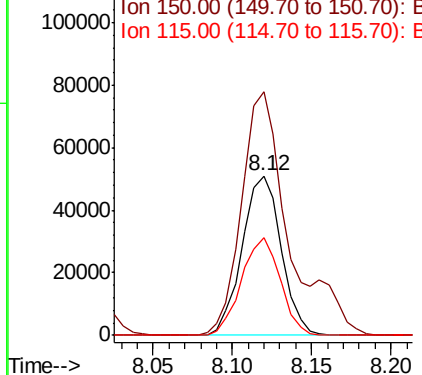


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

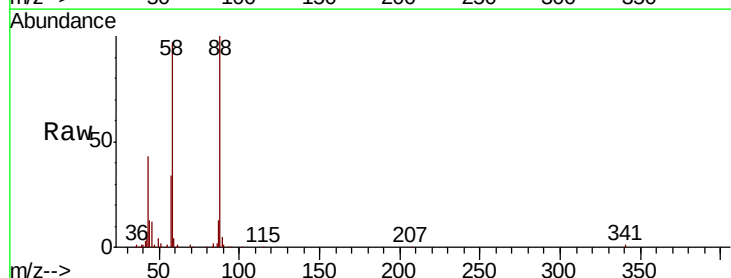
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.140 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.9	79.1	118.7
43	41.0	30.4	45.6

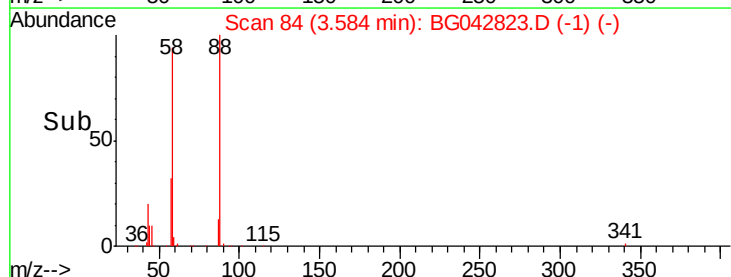
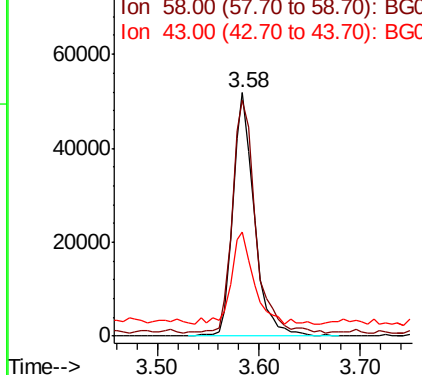


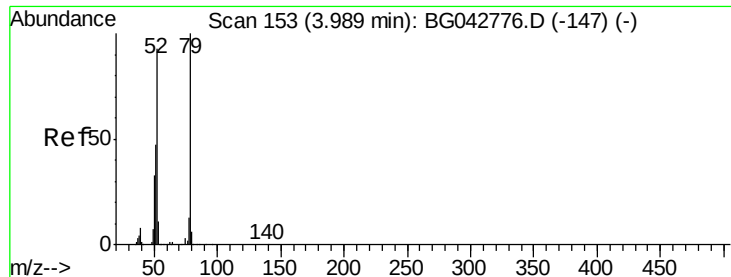
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.210 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

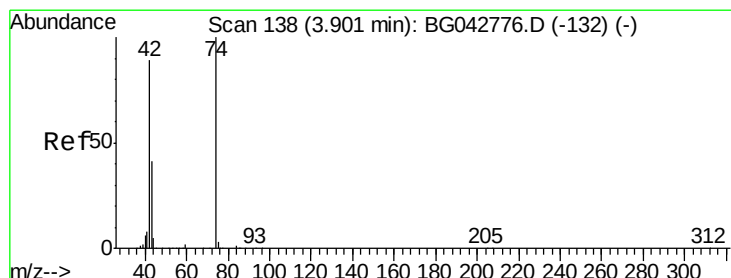
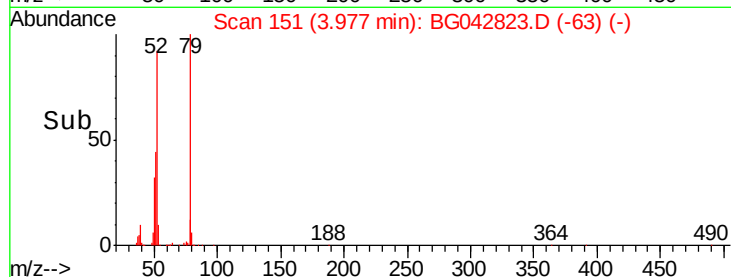
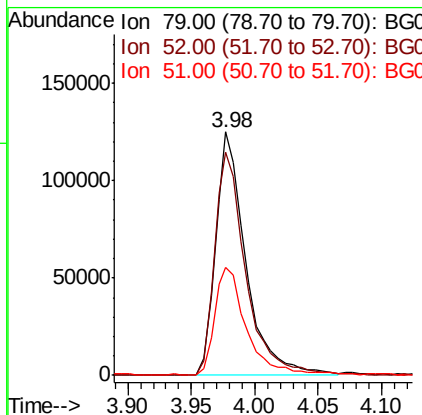
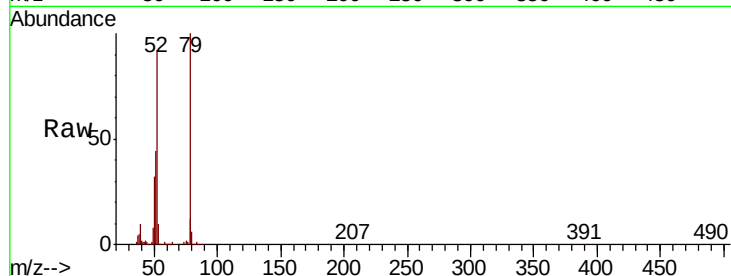
ClientSampleId :

SB-23-COMPMS

Tot Ion:	79	Resp:	207917
Ion Ratio	Lower	Upper	
79	100		
52	91.5	74.0	111.0
51	44.3	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 37.062 ng

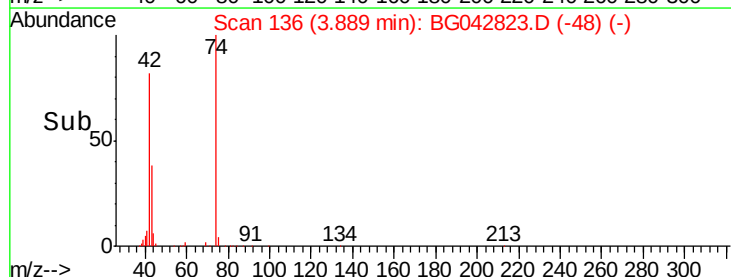
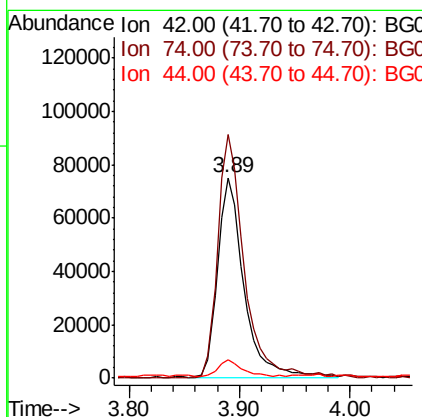
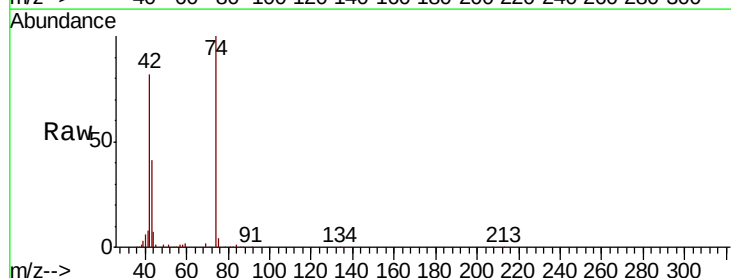
RT: 3.89 min Scan# 136

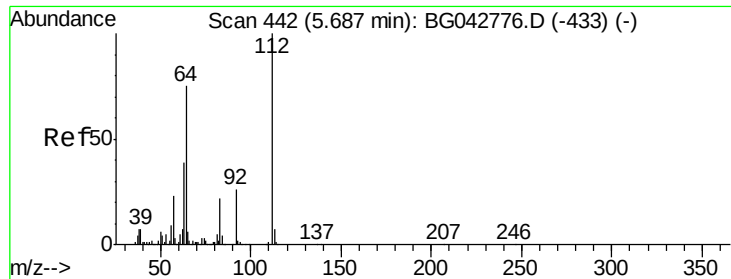
Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Tgt Ion:	42	Resp:	124117
Ion Ratio	Lower	Upper	
42	100		
74	121.3	90.2	135.2
44	9.0	6.6	9.8





#5

2-Fluorophenol

Concen: 89.171 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

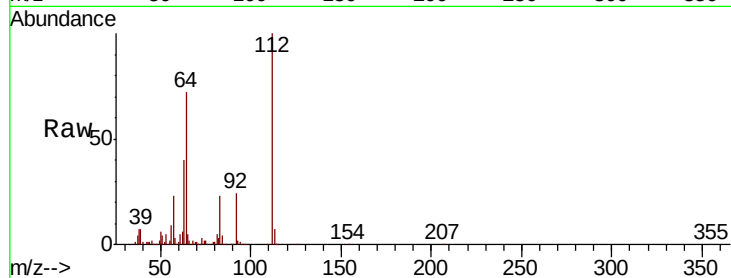
ClientSampleId :

SB-23-COMPMS

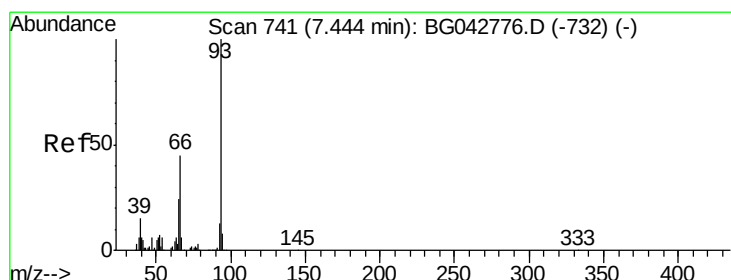
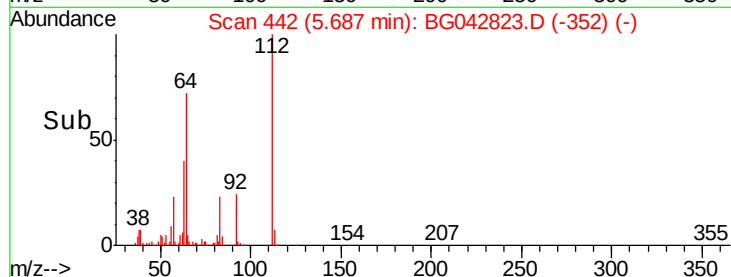
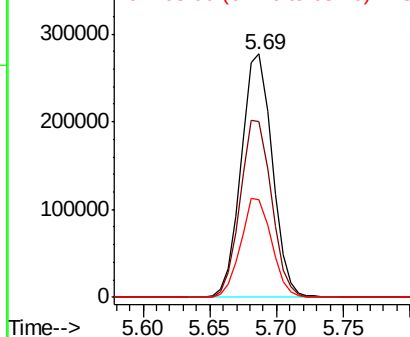
Tot Ion:	112	Resp:	446621
Ion Ratio	Lower	Upper	
112	100		
64	72.3	60.2	90.2
63	40.1	31.2	46.8

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



#6

Aniline

Concen: 30.214 ng

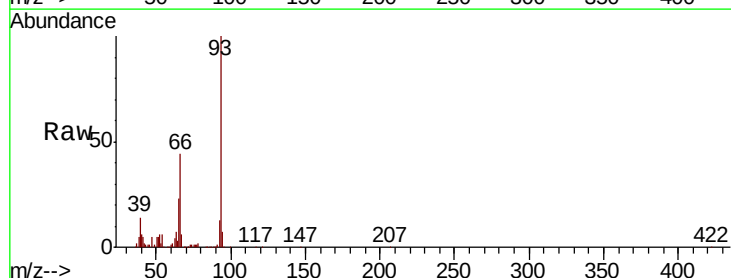
RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

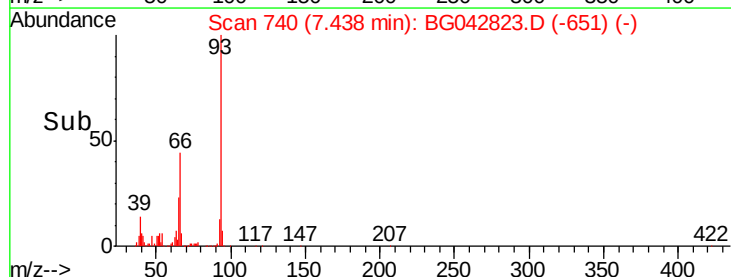
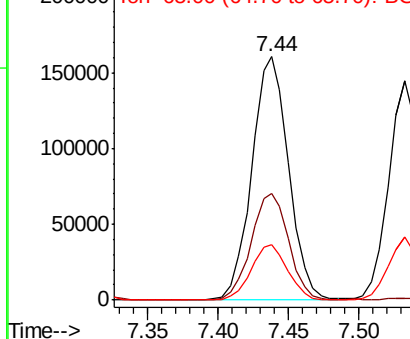
Lab File: BG042823.D

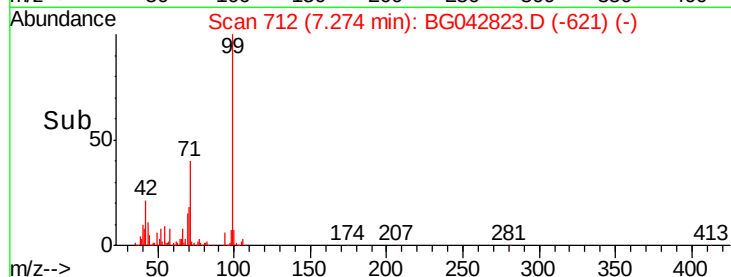
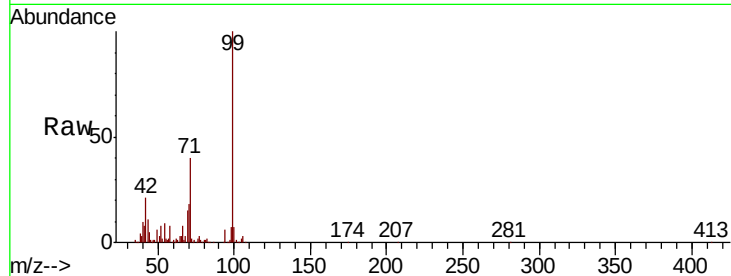
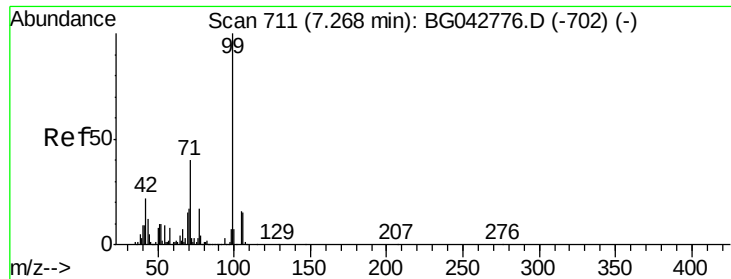
Acq: 13 Sep 2019 19:11

Tgt Ion:	93	Resp:	293058
Ion Ratio	Lower	Upper	
93	100		
66	43.9	36.3	54.5
65	22.7	19.3	28.9



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





#7

Phenol-d6

Concen: 93.248 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Tot Ion	99	Resp	670361
Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.5	26.3
71	39.9	32.0	48.0

Instrument :

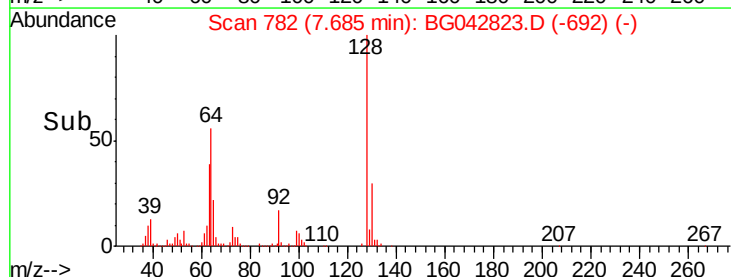
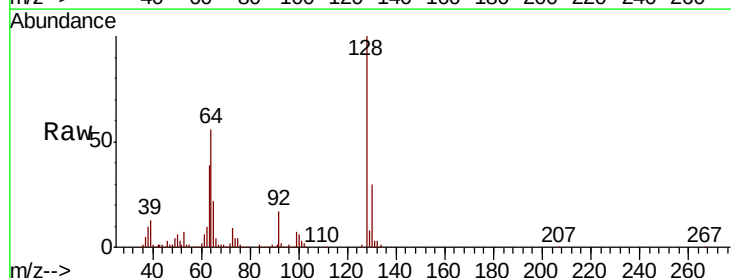
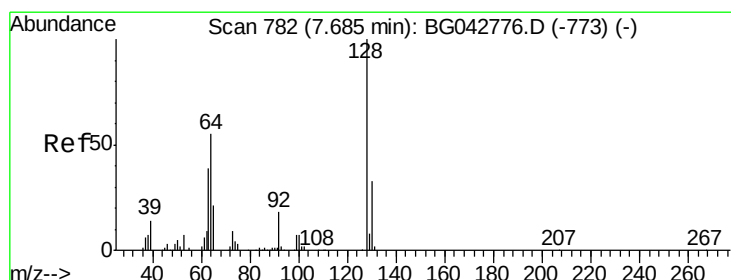
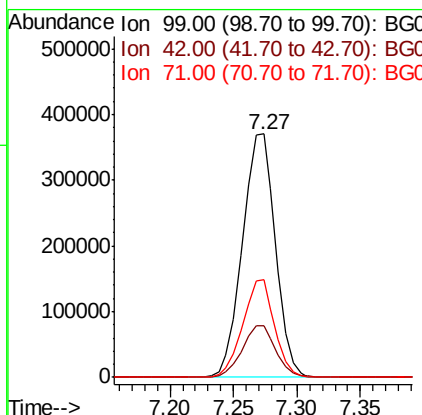
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#8

2-Chlorophenol

Concen: 44.686 ng

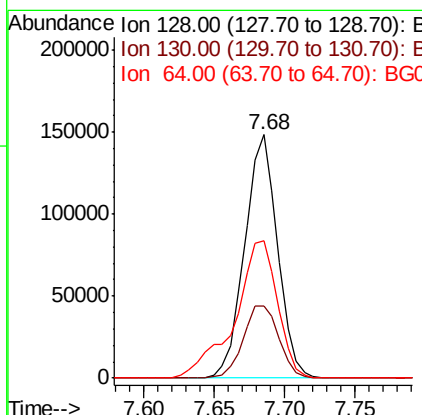
RT: 7.68 min Scan# 782

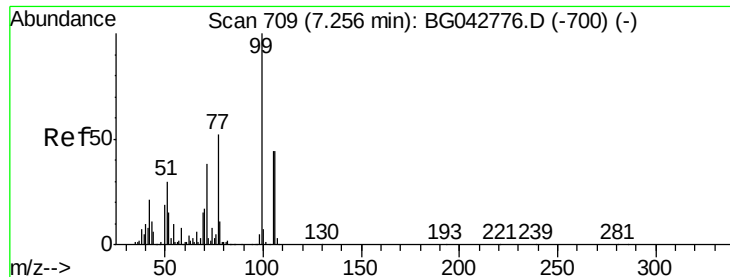
Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Tgt Ion	128	Resp	241932
Ion	Ratio	Lower	Upper
128	100		
130	29.6	12.8	52.8
64	56.2	36.8	76.8





#9

Benzaldehyde

Concen: 36.643 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

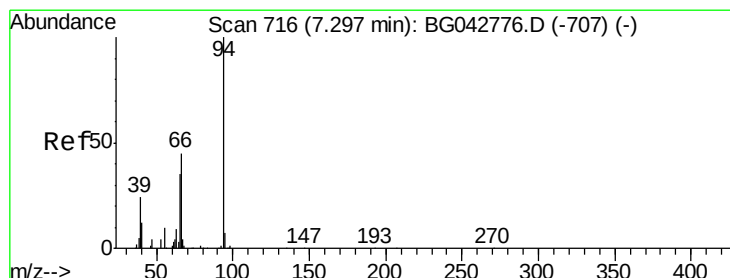
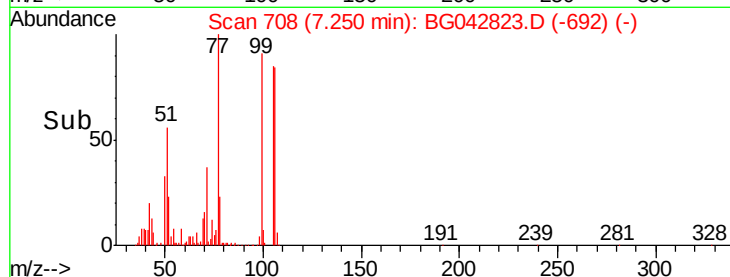
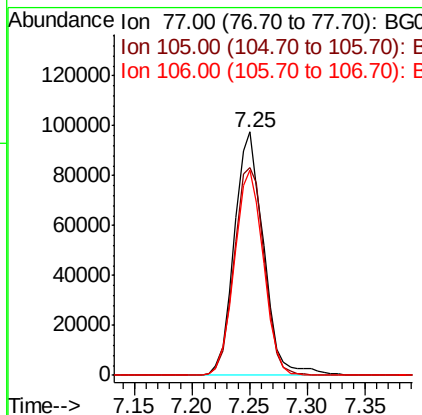
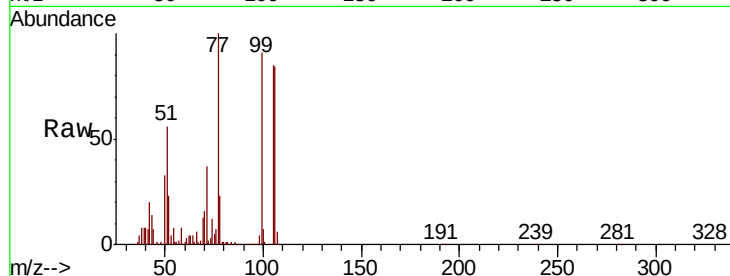
ClientSampleId :

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Tot Ion:	77	Resp:	171425
Ion	Ratio	Lower	Upper
77	100		
105	85.4	64.5	104.5
106	84.3	63.4	103.4

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#10

Phenol

Concen: 48.020 ng

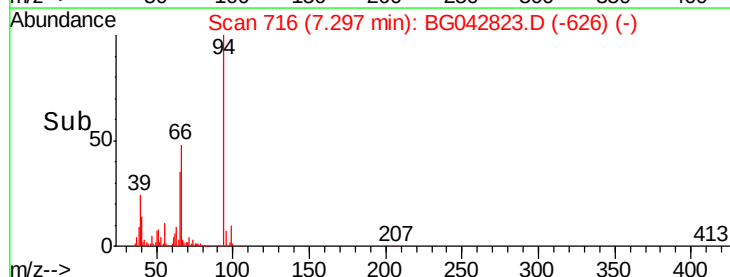
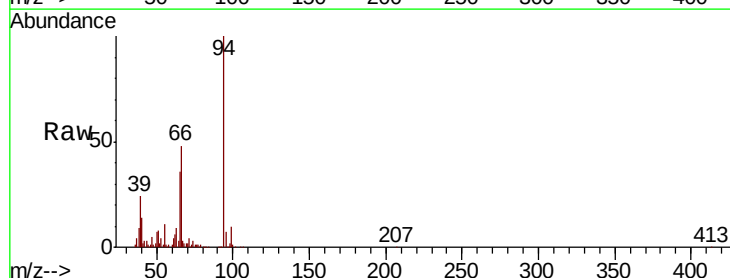
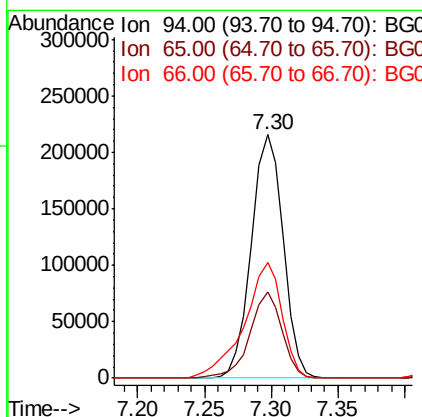
RT: 7.30 min Scan# 716

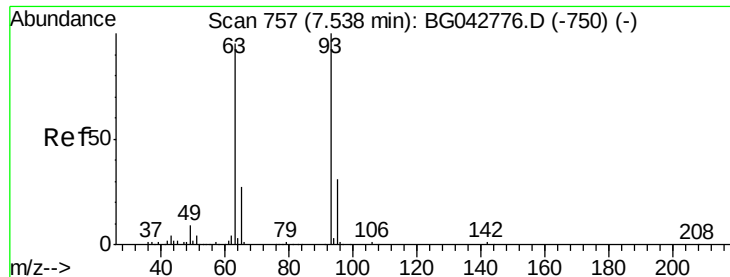
Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Tgt Ion:	94	Resp:	354034
Ion	Ratio	Lower	Upper
94	100		
65	35.5	15.0	55.0
66	47.5	26.1	66.1





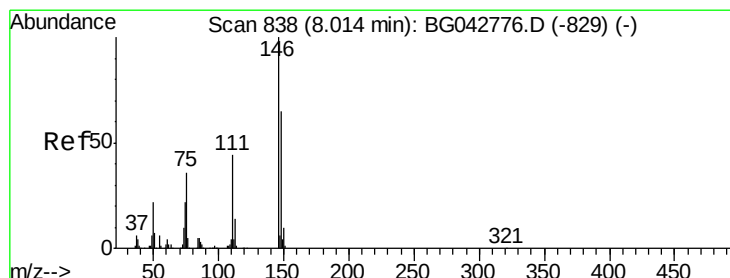
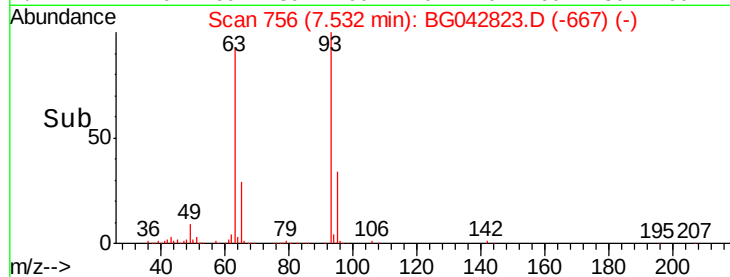
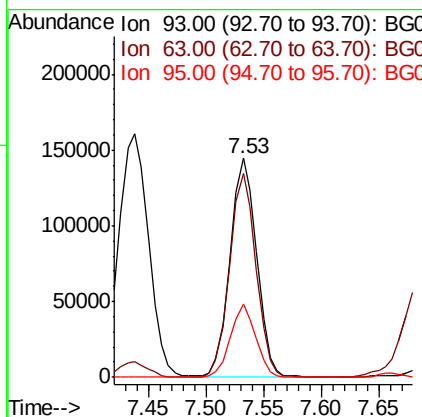
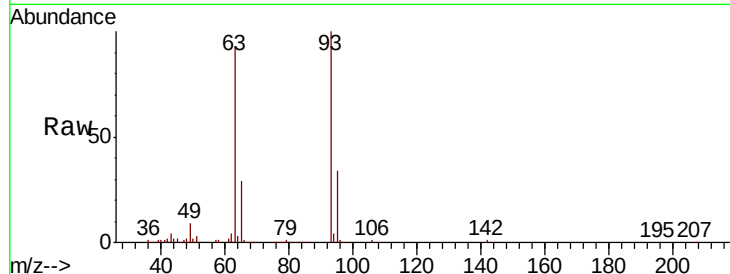
#11
bis(2-Chloroethyl)ether
Concen: 41.218 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.3	74.7	114.7
95	33.6	11.1	51.1

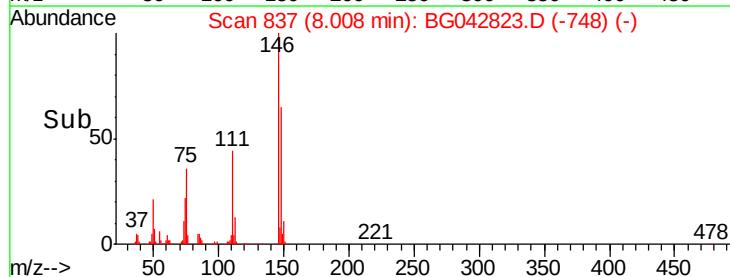
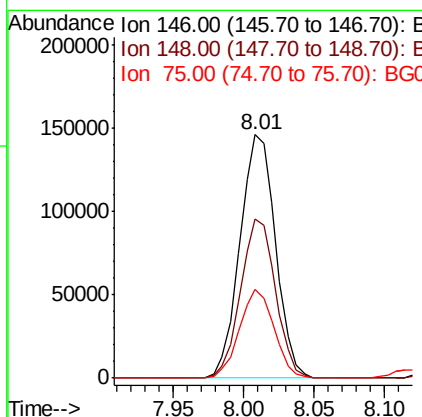
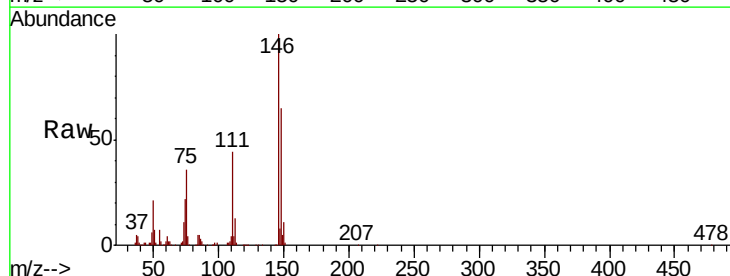
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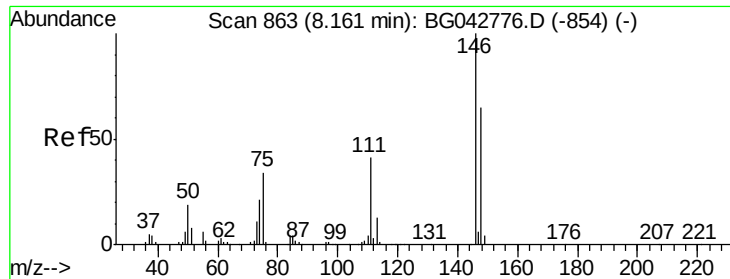
mohammad
9/17/2019 9:20:35 AM



#12
1,3-Dichlorobenzene
Concen: 38.995 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.9	77.9
75	36.4	28.4	42.6





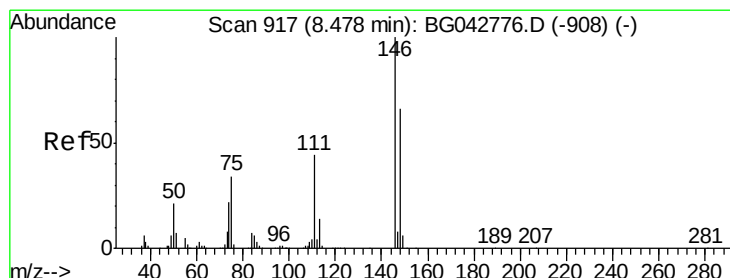
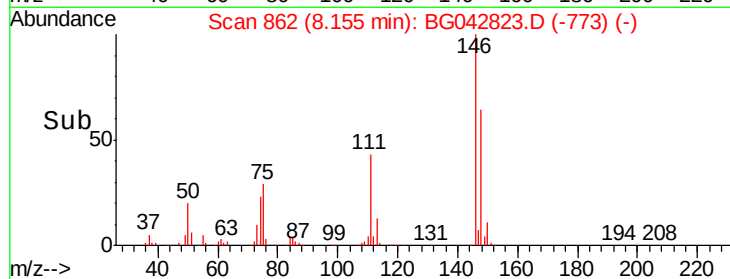
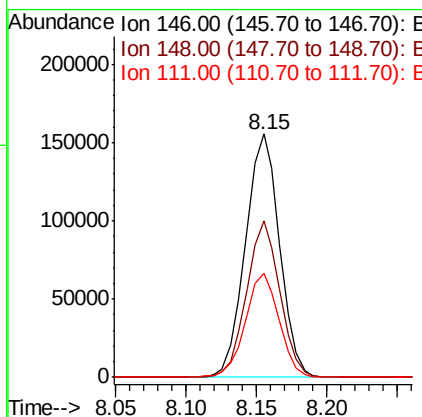
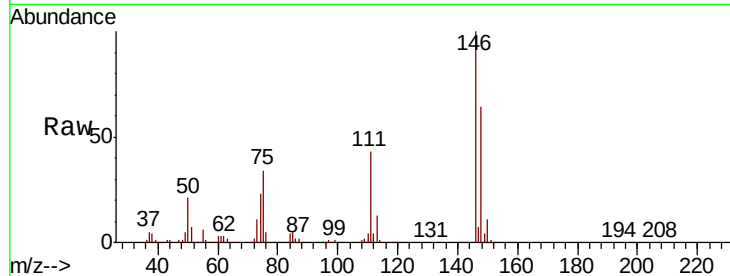
#13
 1,4-Dichlorobenzene
 Concen: 39.786 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.4
111	42.9	32.6	49.0

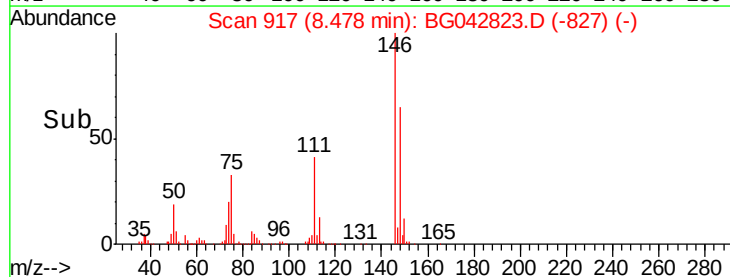
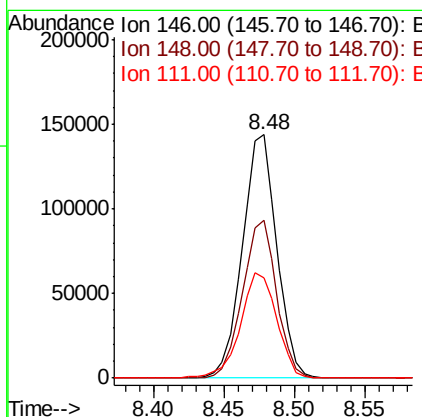
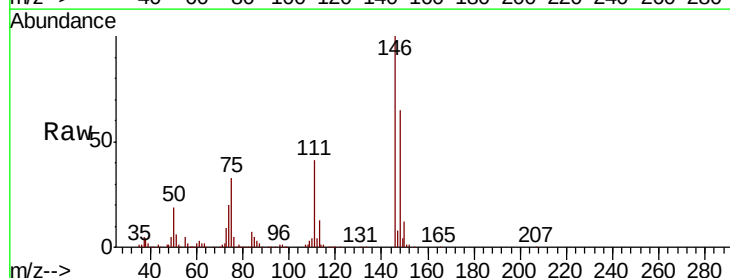
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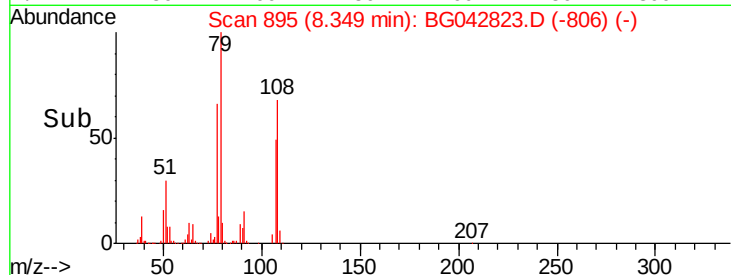
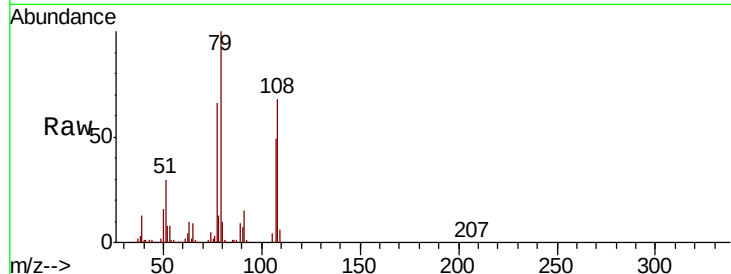
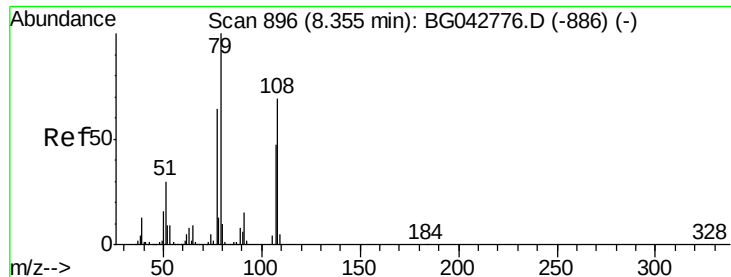
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.999 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.6	78.8
111	41.2	35.3	52.9





#15

Benzyl Alcohol

Concen: 42.002 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Tot Ion:	79	Resp:	259130
Ion Ratio	Lower	Upper	
79	100		
108	68.3	54.9	82.3
77	66.4	51.0	76.6

Instrument :

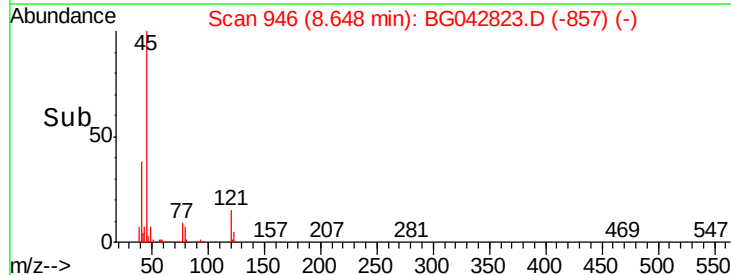
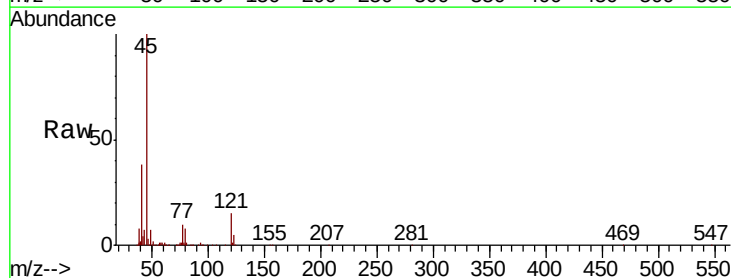
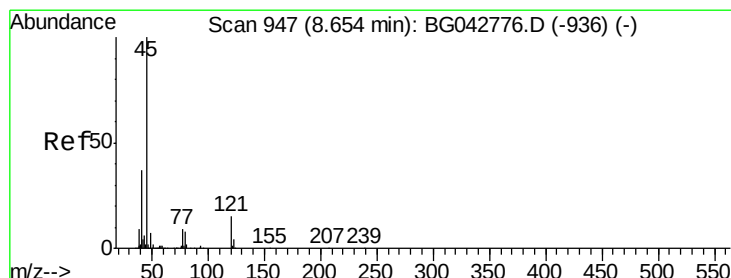
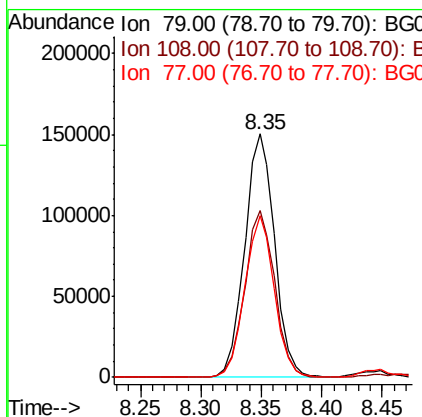
BNA_G

ClientSampleId :

SB-23-COMPMS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.805 ng

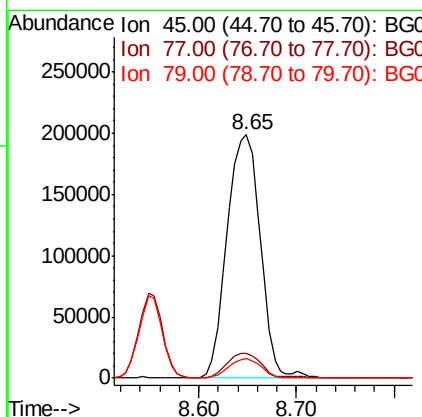
RT: 8.65 min Scan# 946

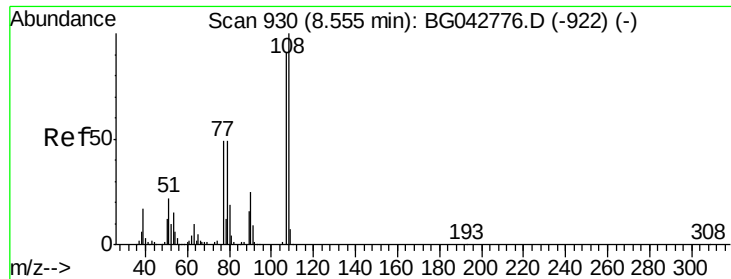
Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Tgt Ion:	45	Resp:	469741
Ion Ratio	Lower	Upper	
45	100		
77	10.2	0.0	29.4
79	8.3	0.0	28.4





#17

2-Methylphenol

Concen: 43.784 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

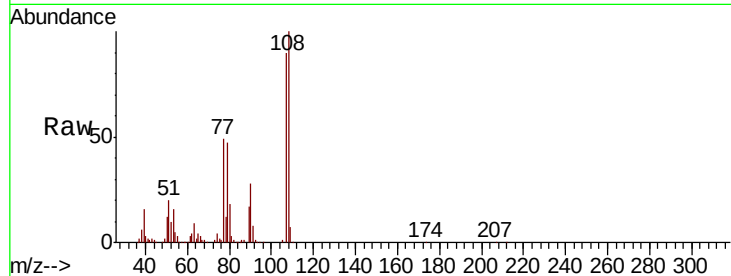
ClientSampleId :

SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	87.7	131.5	
77	54.0	42.6	64.0	
79	51.7	43.4	65.2	

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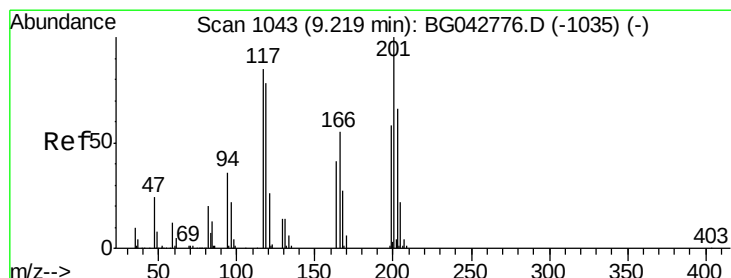
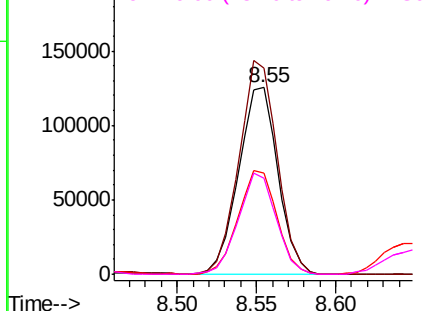
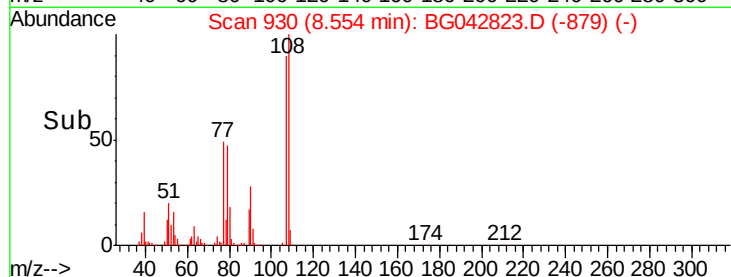
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.282 ng

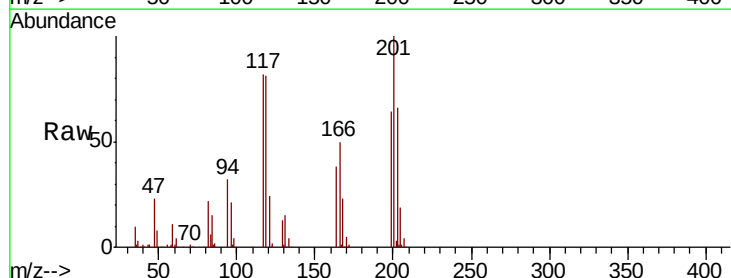
RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	73.8	110.8	
201	122.0	94.6	142.0	

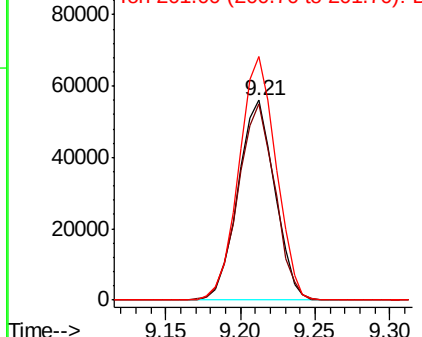
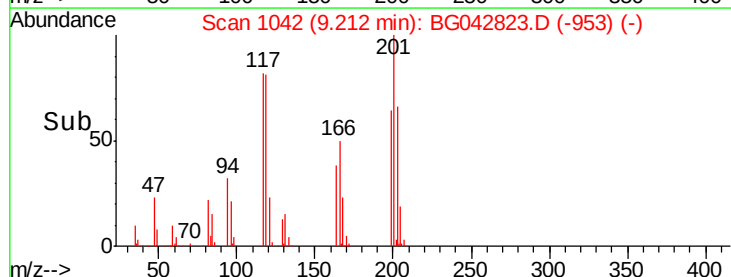


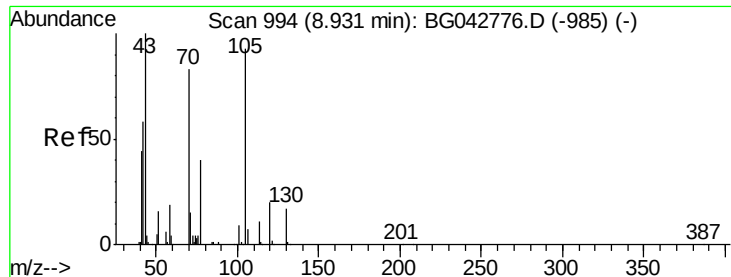
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





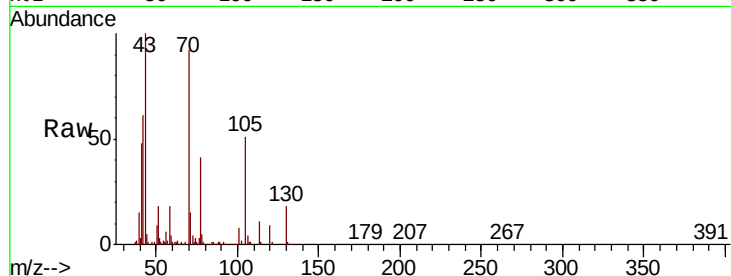
#19
n-Nitroso-di-n-propylamine
Concen: 39.320 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.5	57.0	85.6
101	8.8	8.4	12.6
130	19.0	16.1	24.1

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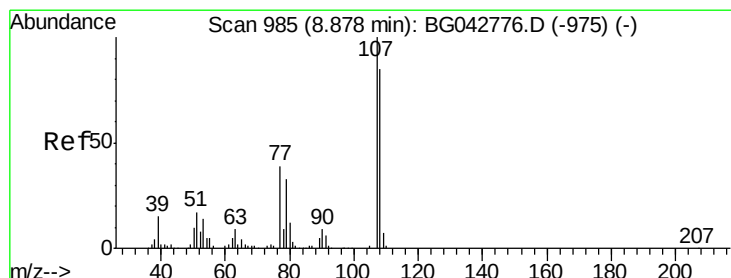
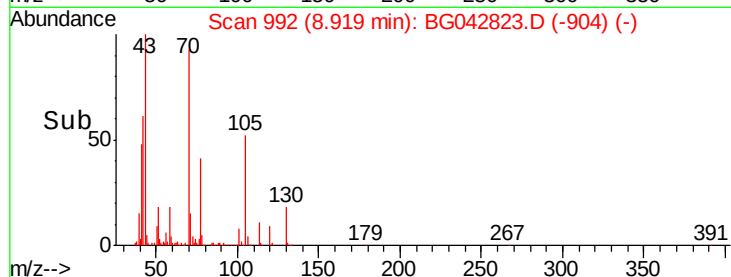
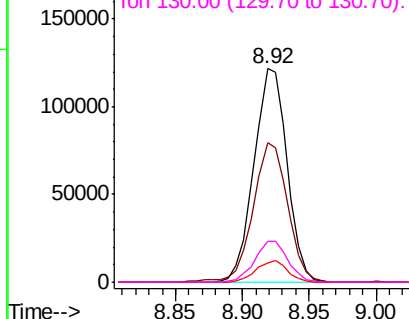
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 43.801 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	65.4	105.4
77	39.5	18.7	58.7
79	34.7	13.7	53.7

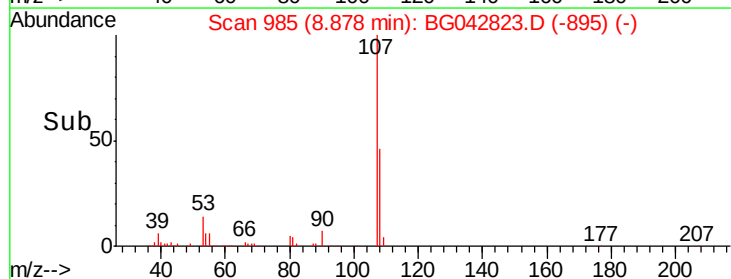
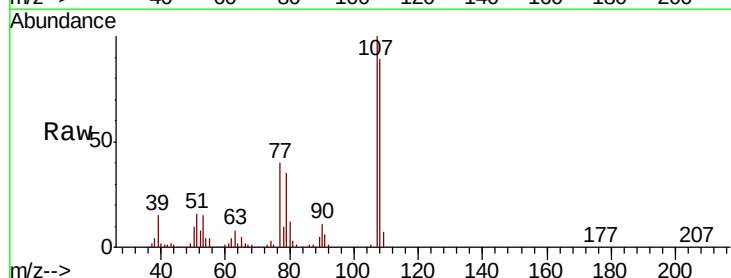
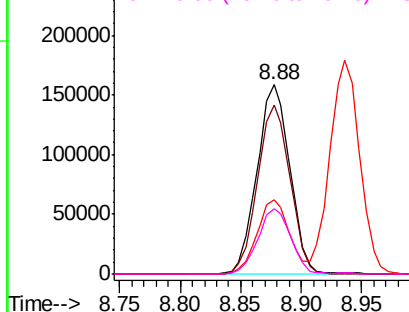
Abundance

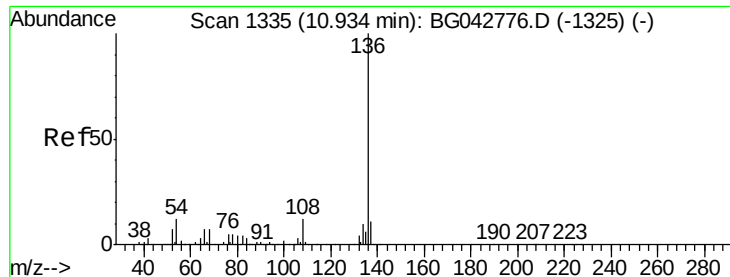
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





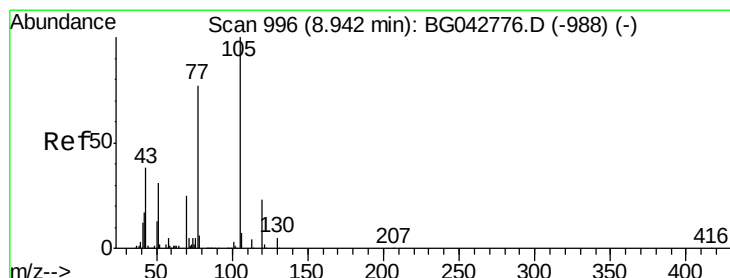
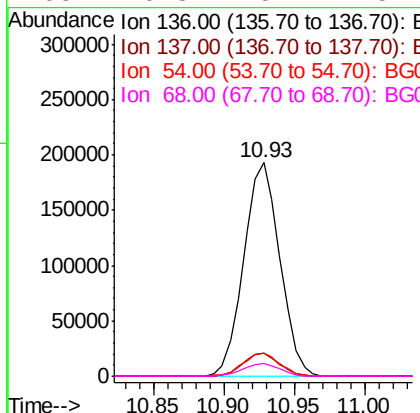
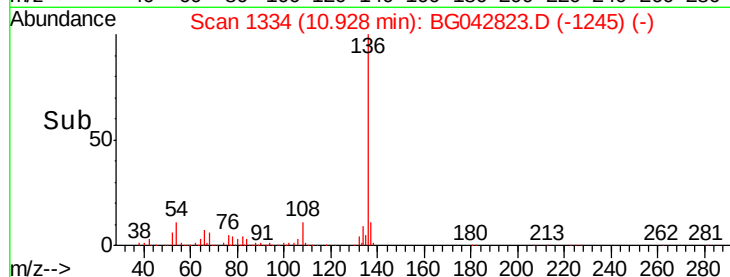
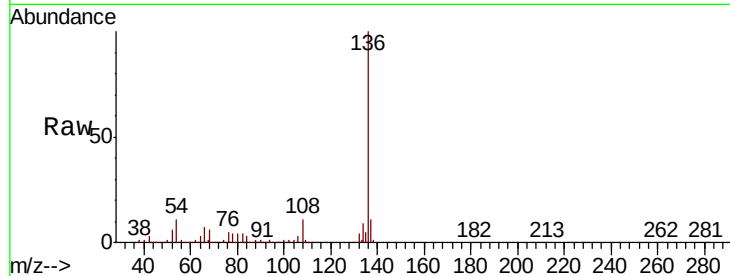
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	344700		
137	10.8	9.0	13.6	
54	10.9	9.4	14.0	
68	6.3	5.4	8.2	

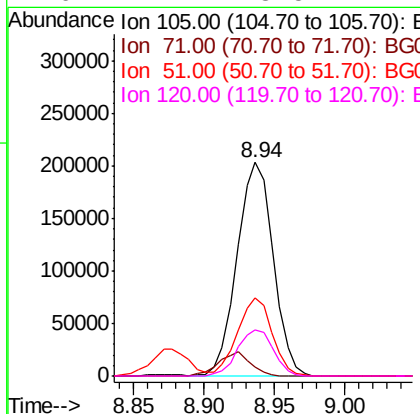
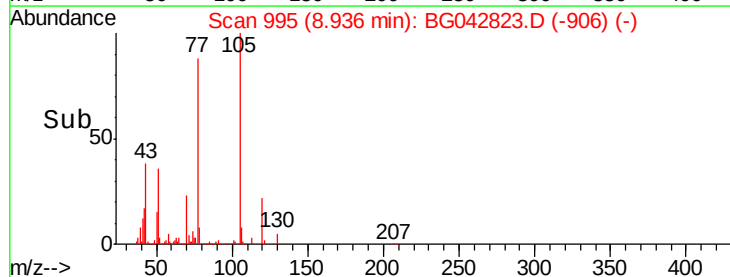
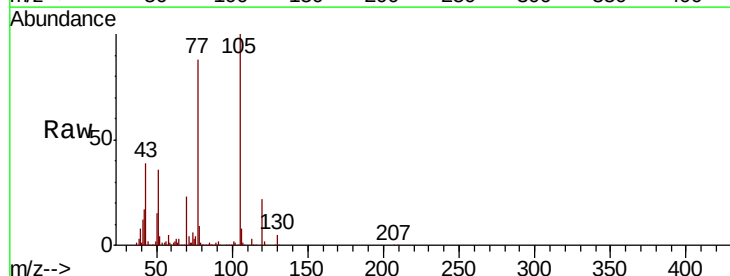
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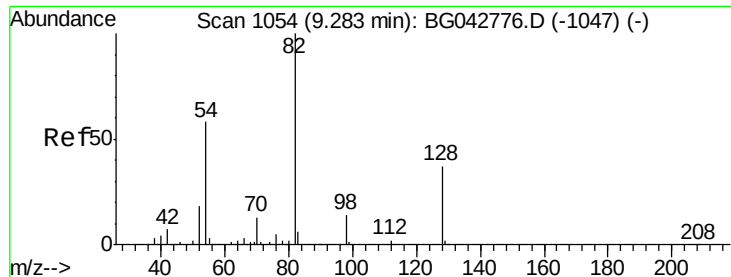
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#22
Acetophenone
Concen: 41.709 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	363100		
71	3.9	3.7	5.5	
51	36.3	28.8	43.2	
120	21.7	18.5	27.7	





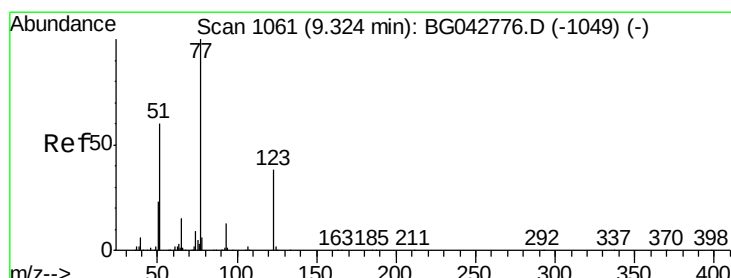
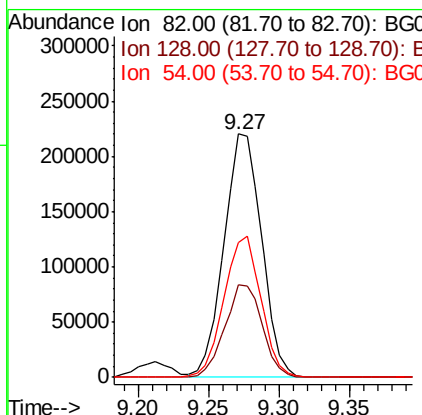
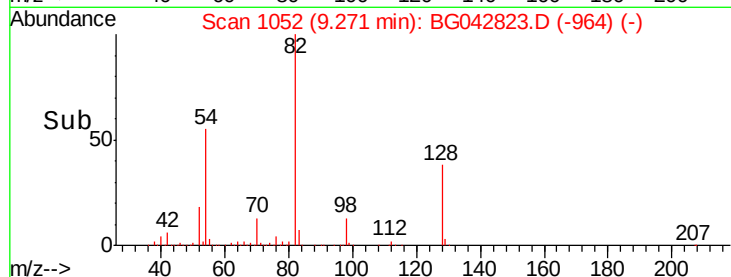
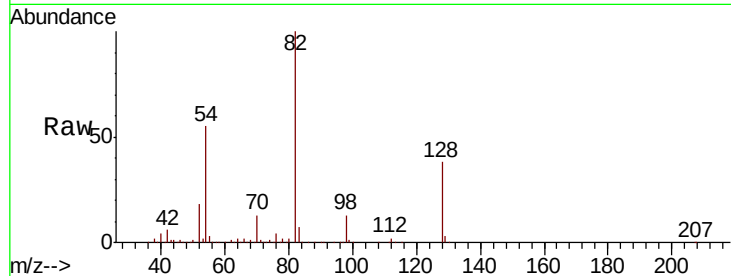
#23
Nitrobenzene-d5
Concen: 61.751 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.9	29.8	44.8	
54	55.3	46.1	69.1	

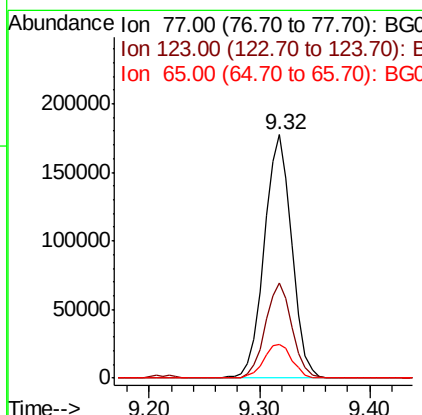
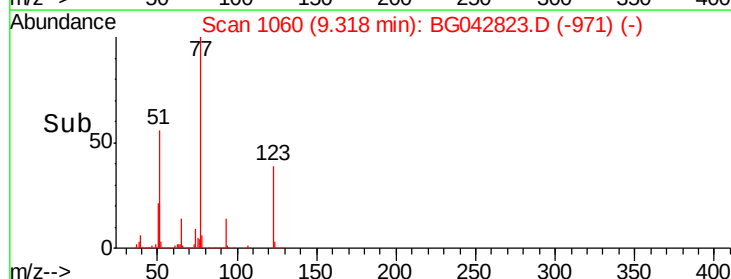
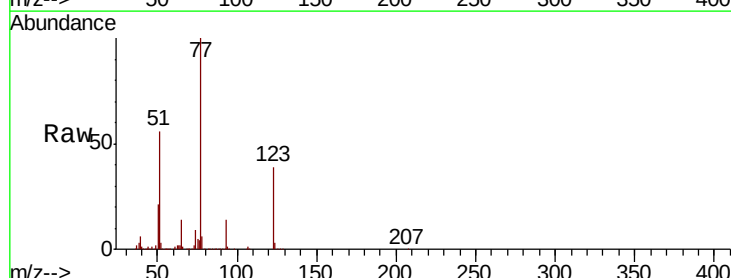
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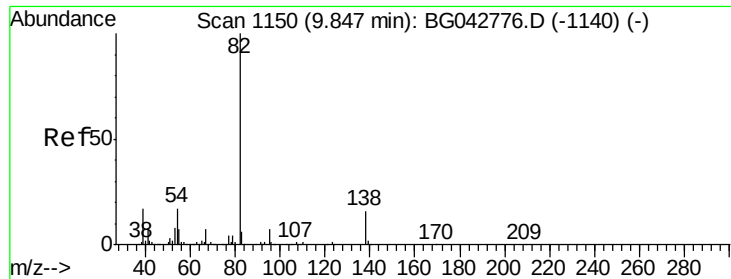
mohammad
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#24
Nitrobenzene
Concen: 44.434 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.2	30.7	46.1	
65	14.1	12.2	18.4	





#25

Isophorone

Concen: 40.668 ng

RT: 9.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

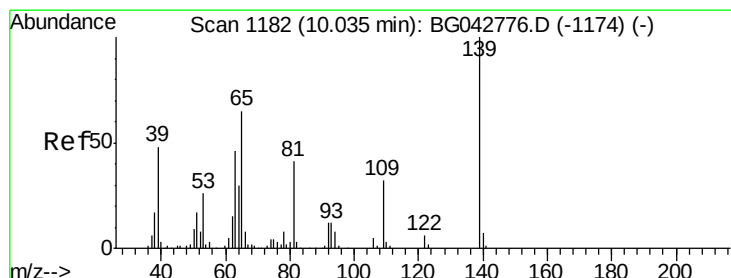
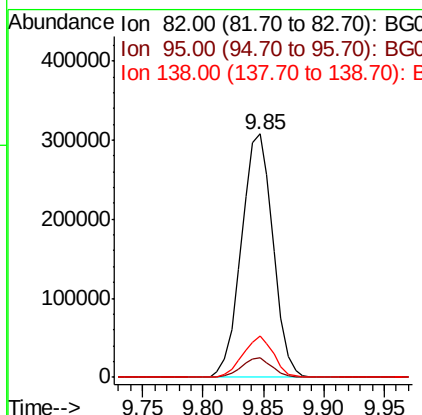
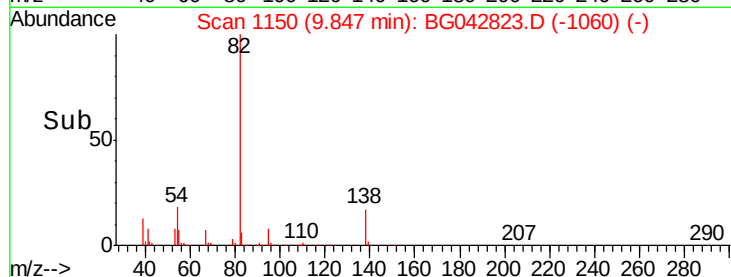
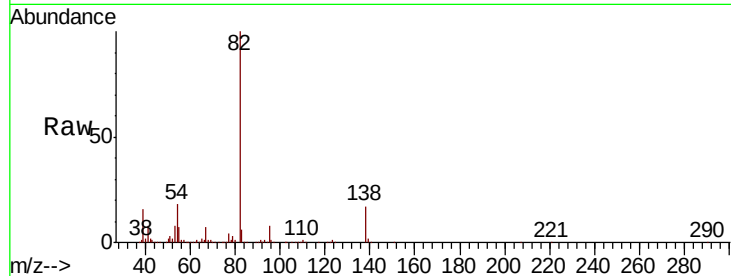
ClientSampleId :

SB-23-COMPMS

Tot Ion:	82	Resp:	561250
Ion Ratio	Lower	Upper	
82	100		
95	7.9	5.8	8.8
138	17.0	12.9	19.3

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#26

2-Nitrophenol

Concen: 49.665 ng

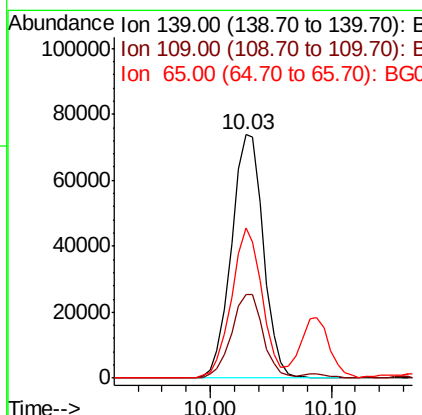
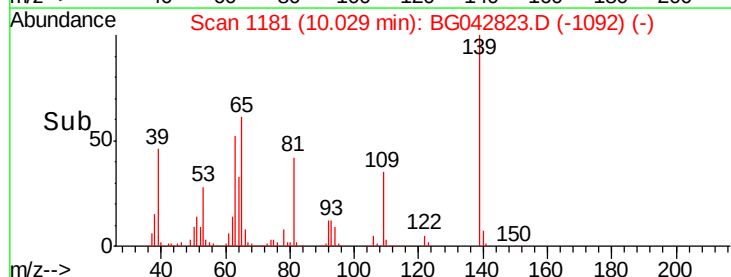
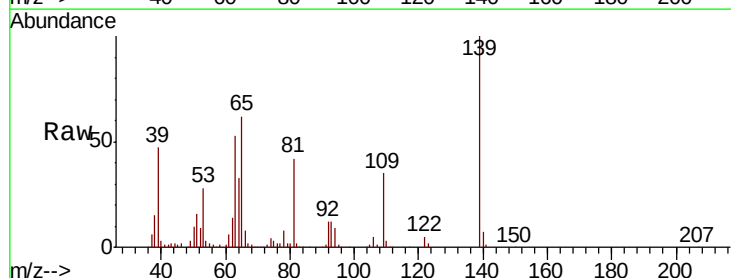
RT: 10.03 min Scan# 1181

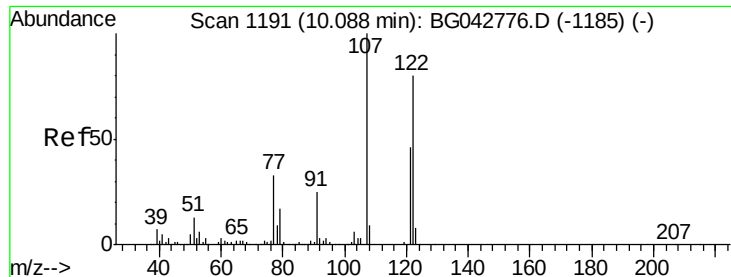
Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Tgt Ion:	139	Resp:	135723
Ion Ratio	Lower	Upper	
139	100		
109	34.6	25.8	38.8
65	61.5	52.2	78.2





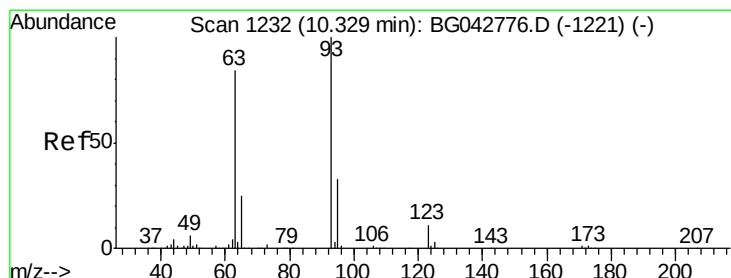
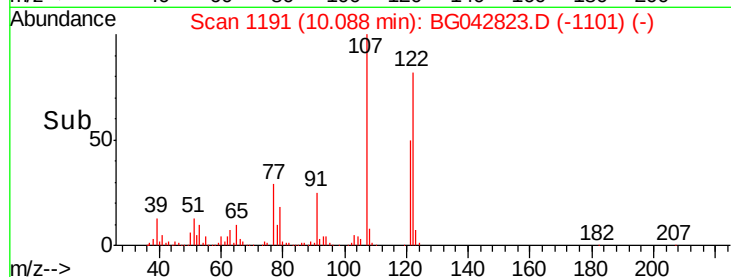
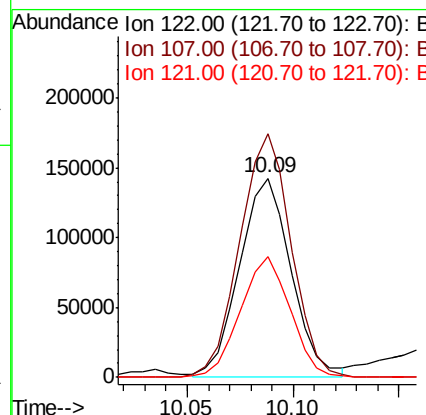
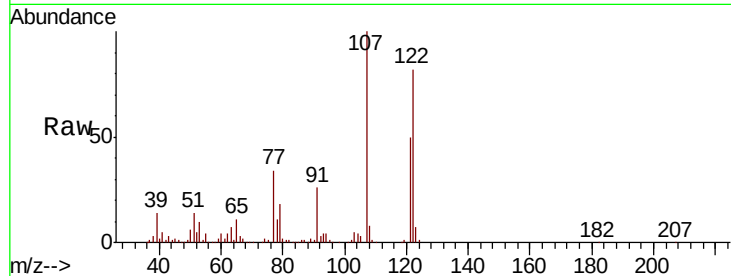
#27
 2,4-Dimethylphenol
 Concen: 49.852 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	240986		
107	122.2	98.9	148.3	
121	60.5	46.2	69.2	

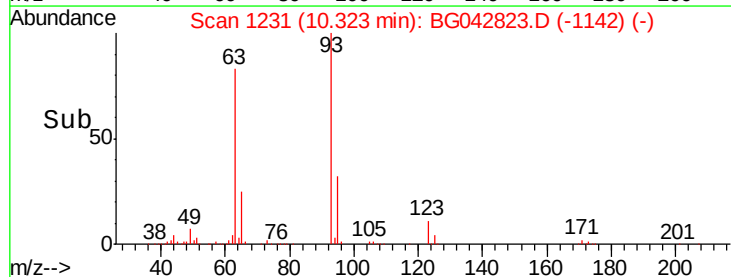
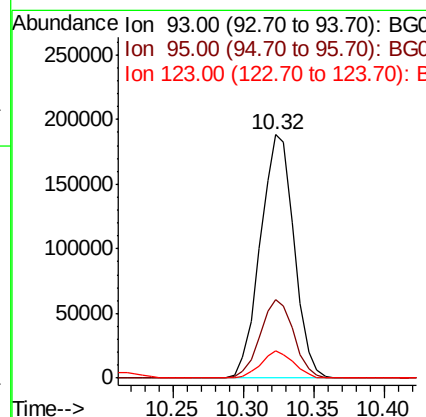
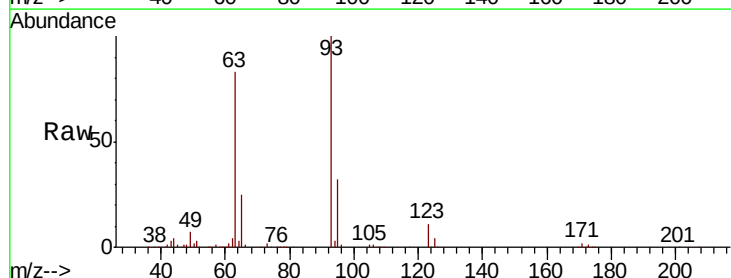
Manual Integrations
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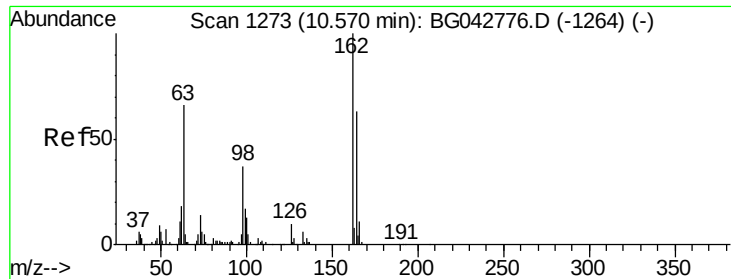
mohammad
 9/17/2019 9:20:35 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.970 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	315314		
95	32.1	26.6	40.0	
123	11.3	9.0	13.6	





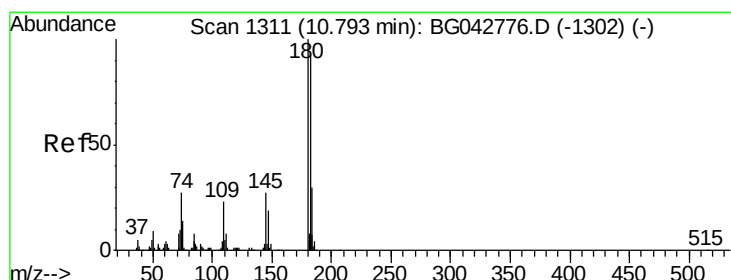
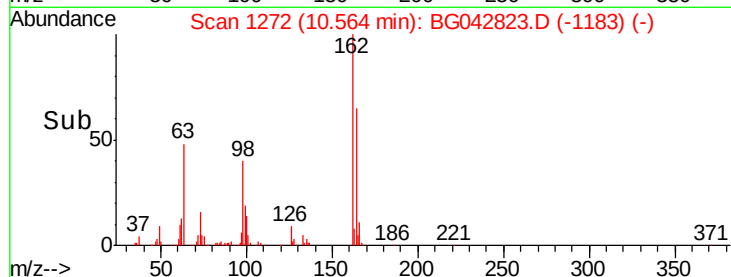
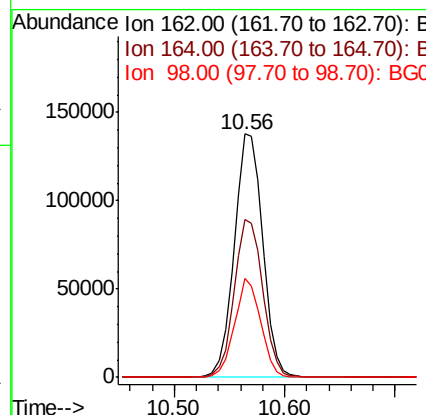
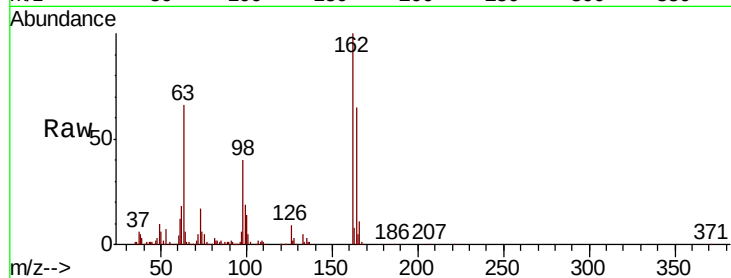
#29
 2,4-Dichlorophenol
 Concen: 44.413 ng
 RT: 10.56 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion:	162	Resp:	249487
Ion Ratio	Lower	Upper	
162	100		
164	64.7	43.4	83.4
98	40.4	17.0	57.0

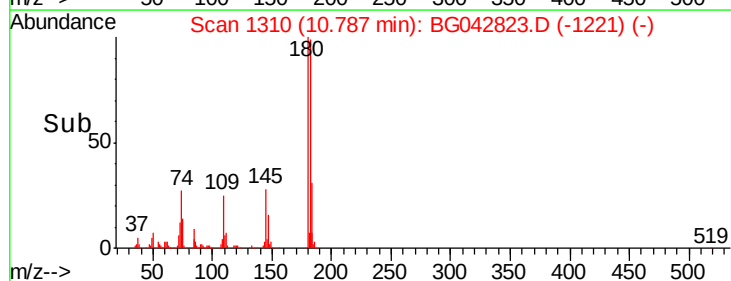
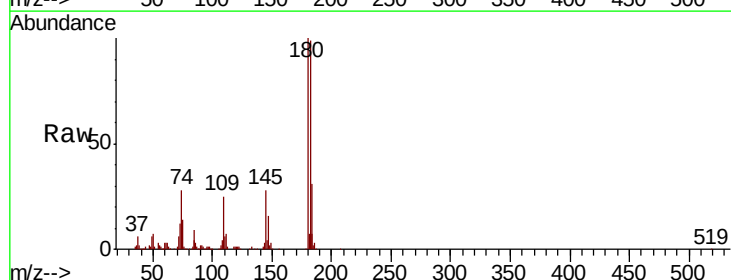
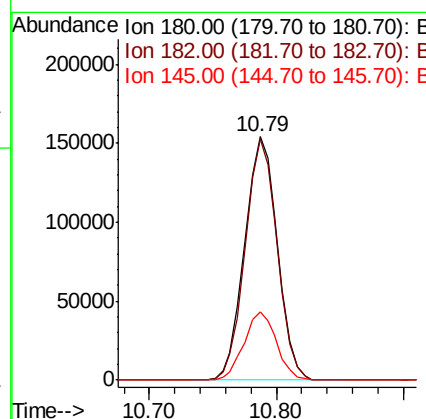
Manual Integrations
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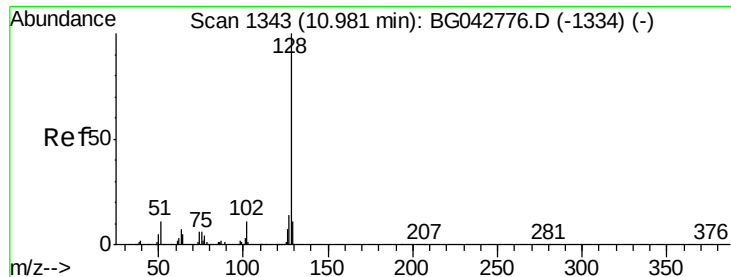
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.235 ng
 RT: 10.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion:	180	Resp:	275951
Ion Ratio	Lower	Upper	
180	100		
182	98.8	74.6	112.0
145	28.2	21.8	32.6





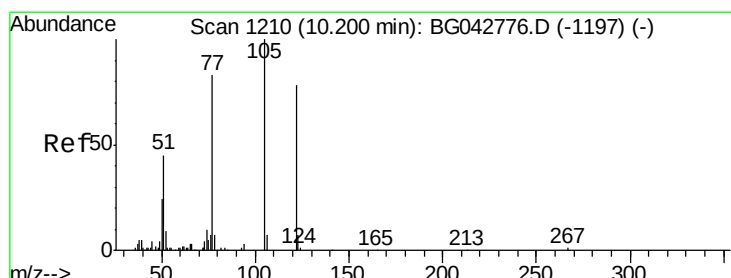
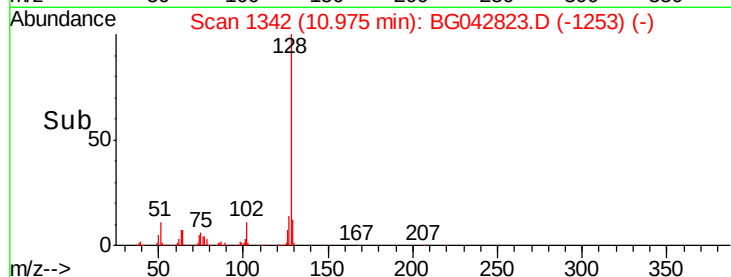
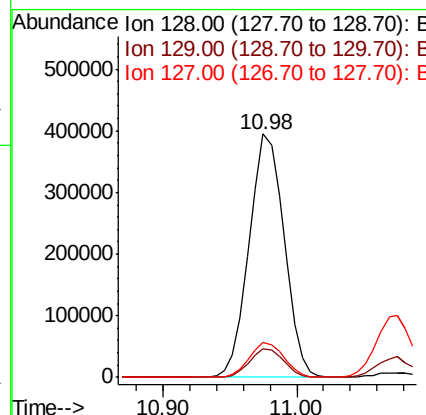
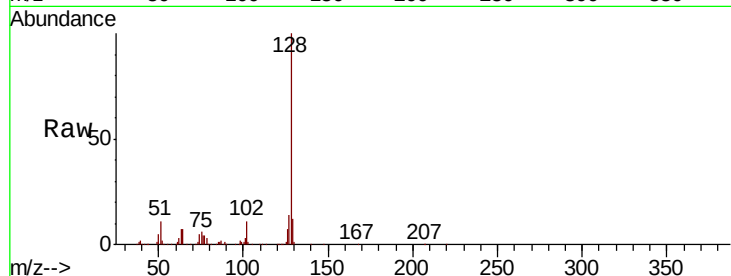
#31
Naphthalene
Concen: 42.075 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	716079		
129	11.6		9.0	13.6
127	14.4		11.4	17.2

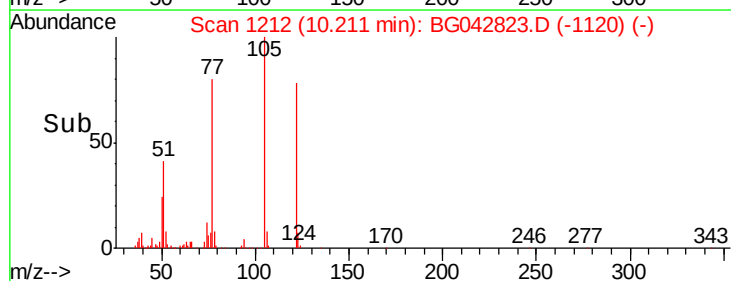
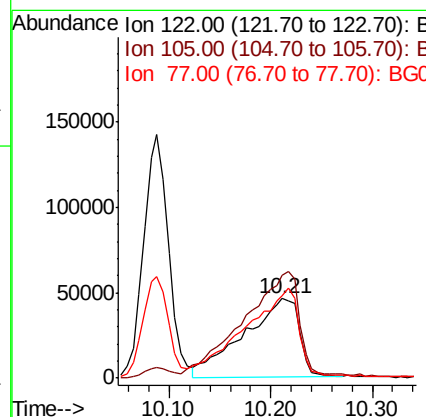
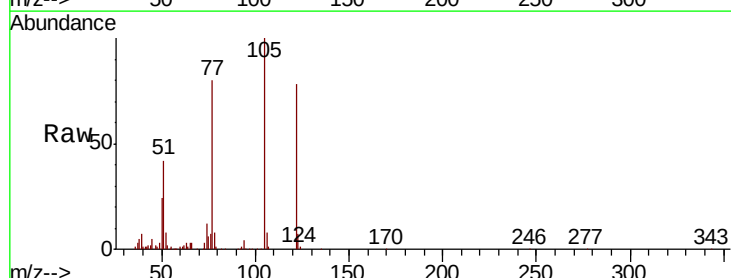
Manual Integrations
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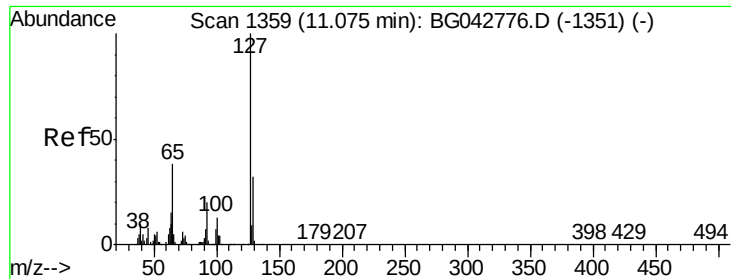
mohammad
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#32
Benzoic acid
Concen: 44.979 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	174186		
105	128.8		104.0	144.0
77	102.9		84.2	124.2





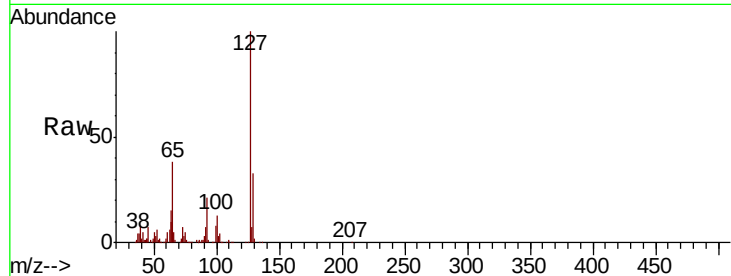
#33
4-Chloroaniline
Concen: 23.166 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	25.8	38.6		
65	37.8	30.5	45.7		
92	20.7	15.9	23.9		

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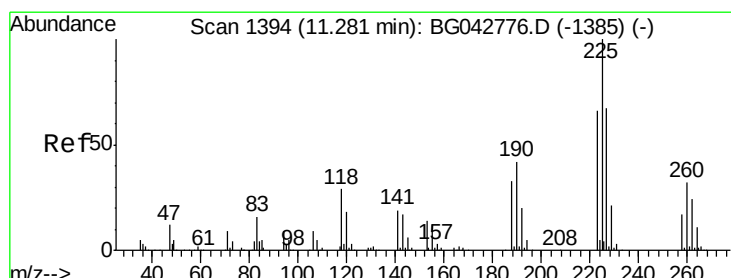
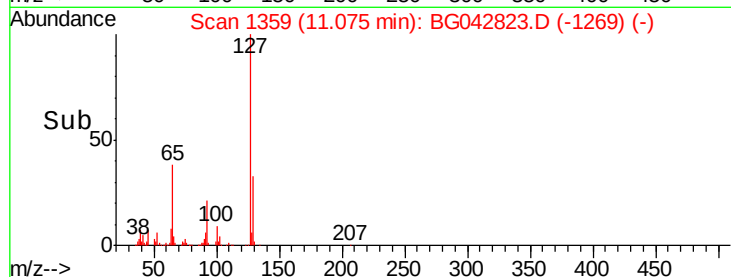
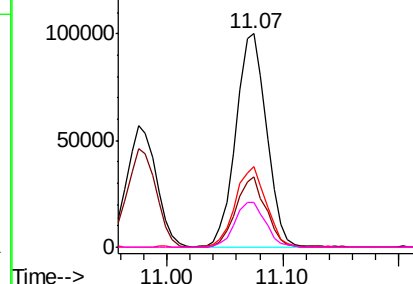
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

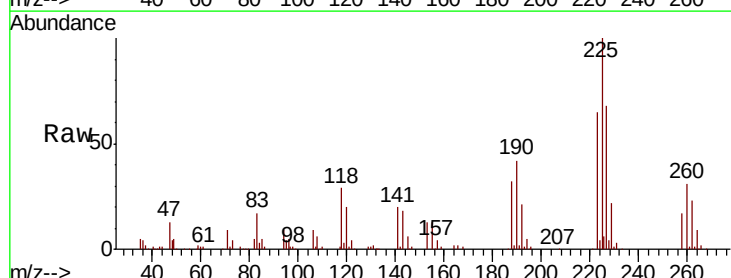
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.216 ng
RT: 11.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.8	52.6	79.0		
227	68.1	53.6	80.4		

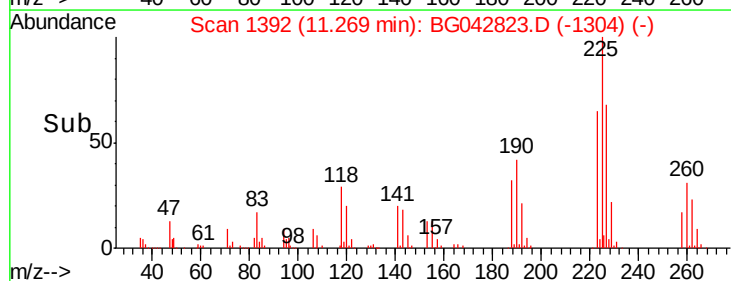
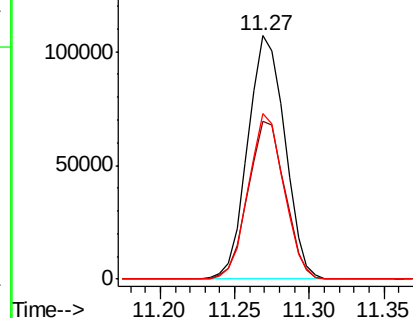


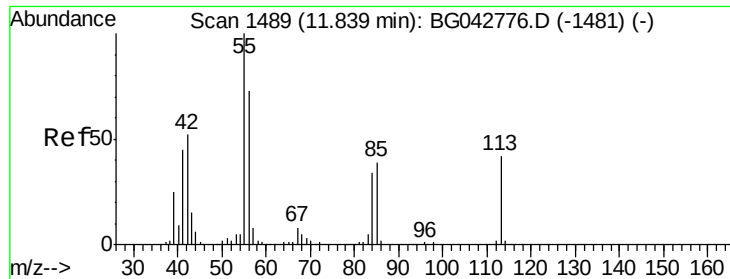
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





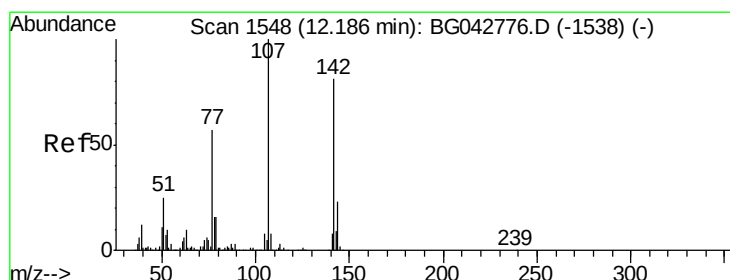
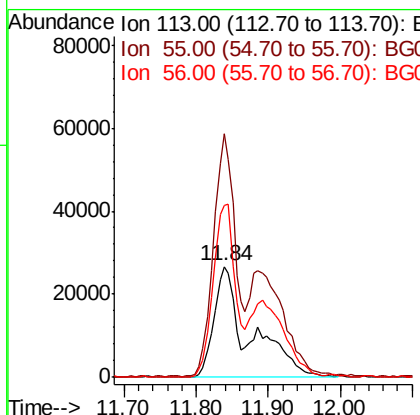
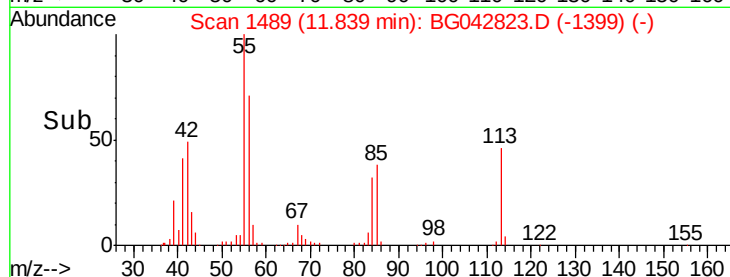
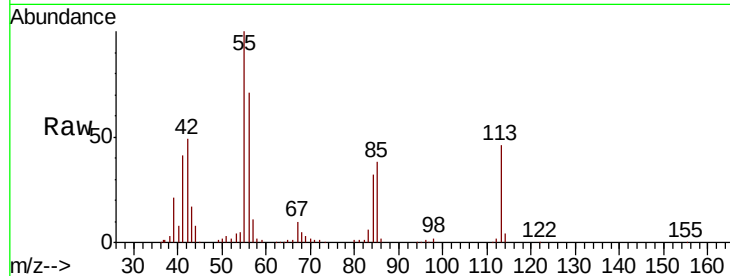
#35
Caprolactam
Concen: 43.508 ng/ml
RT: 11.84 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	219.1	218.4	258.4
56	154.8	154.8	194.8

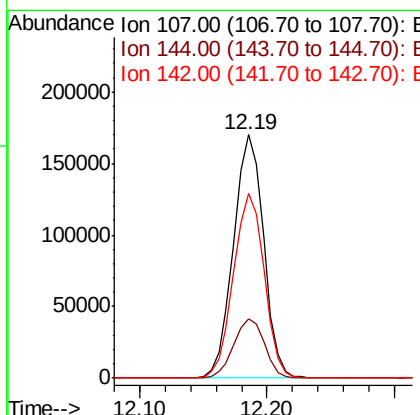
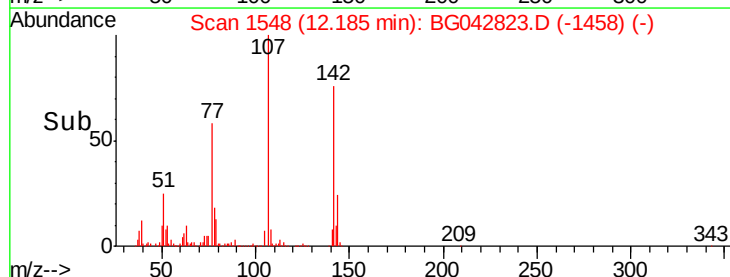
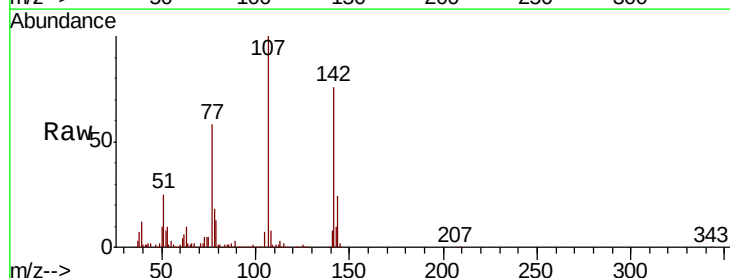
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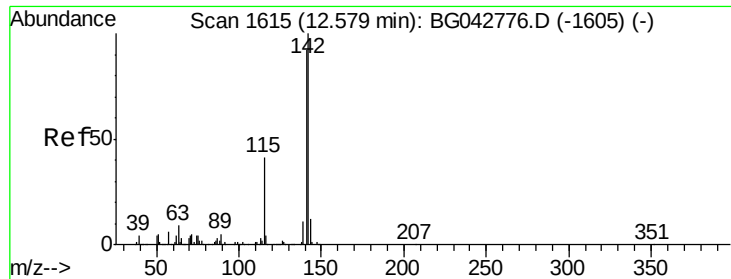
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#36
4-Chloro-3-methylphenol
Concen: 45.950 ng/ml
RT: 12.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	18.7	28.1
142	75.9	65.0	97.4





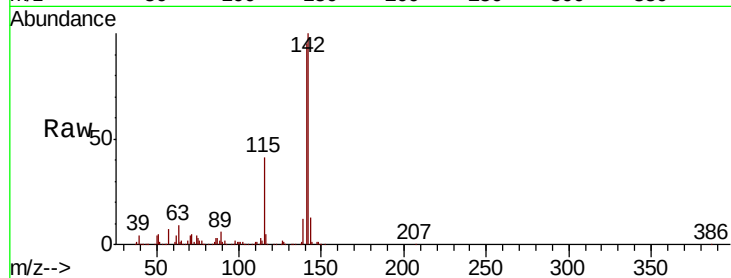
#37
 2-Methylnaphthalene
 Concen: 42.439 ng
 RT: 12.57 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.1	73.8	110.8
115	41.4	33.0	49.4

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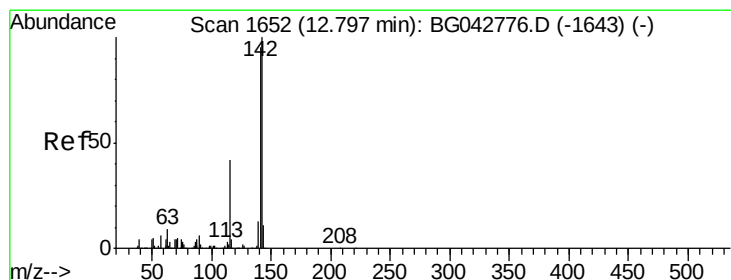
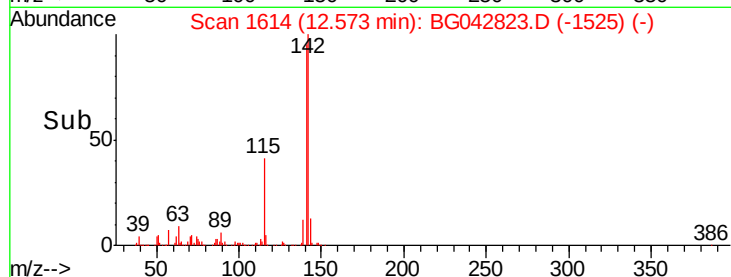
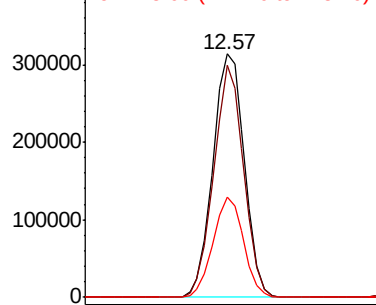


Abundance

Ion 142.00 (141.70 to 142.70): E

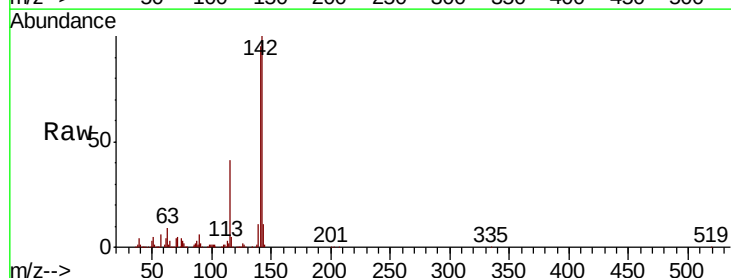
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 42.406 ng
 RT: 12.79 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	76.3	114.5
116	4.5	3.4	5.0

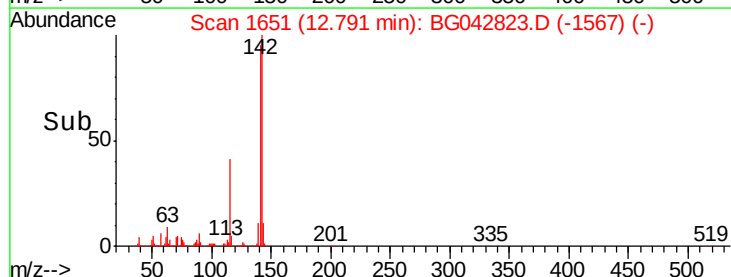
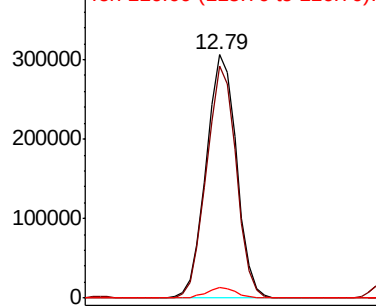


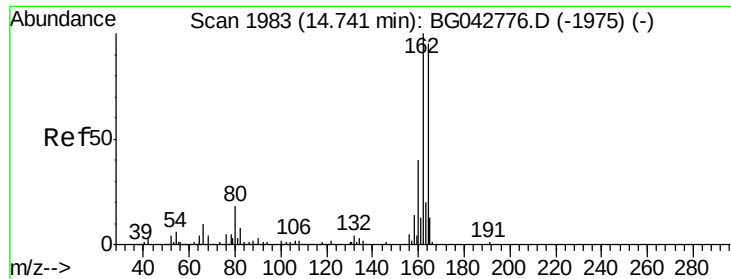
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





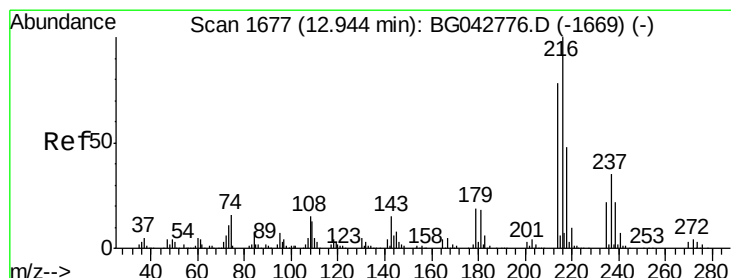
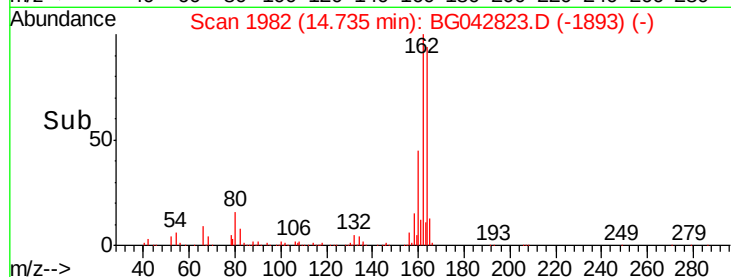
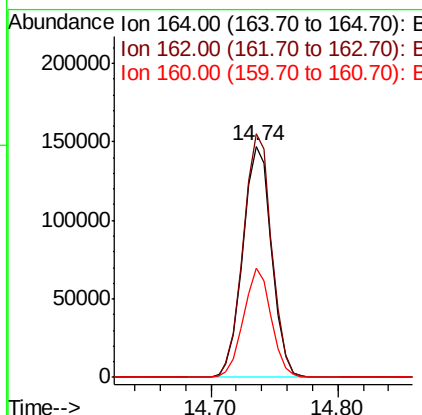
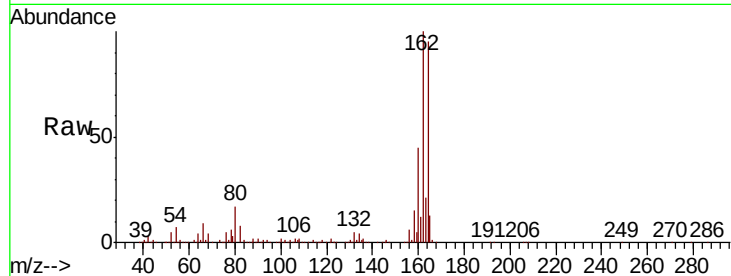
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.3	84.6	126.8	
160	47.0	34.2	51.2	

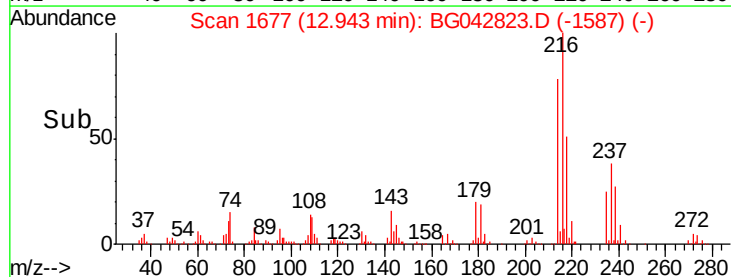
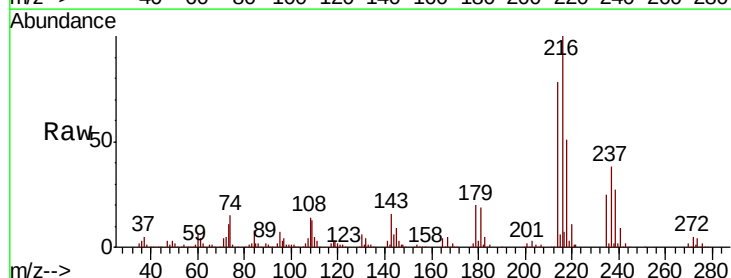
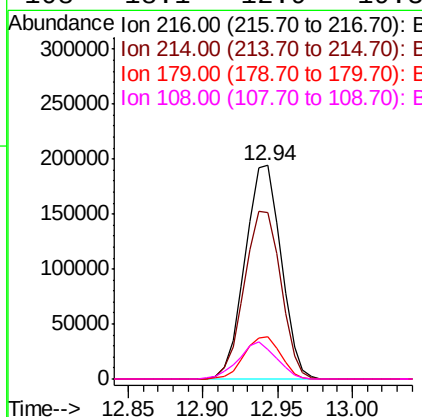
Manual Integrations
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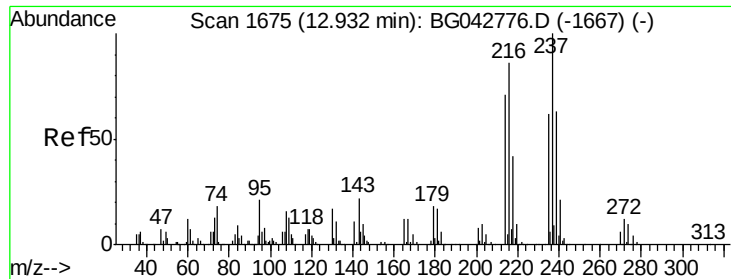
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.325 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	62.8	94.2	
179	20.1	15.3	22.9	
108	18.1	12.9	19.3	





#41

Hexachlorocyclopentadiene

Concen: 95.605 ng

RT: 12.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

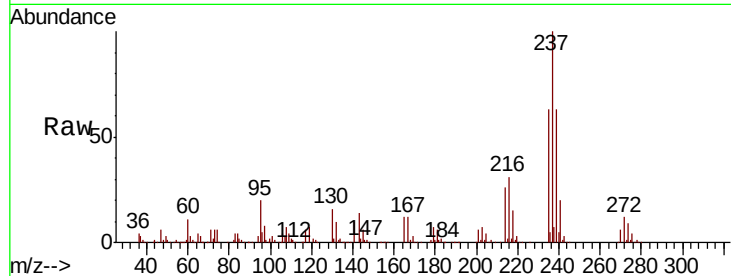
ClientSampleId :

SB-23-COMPMS

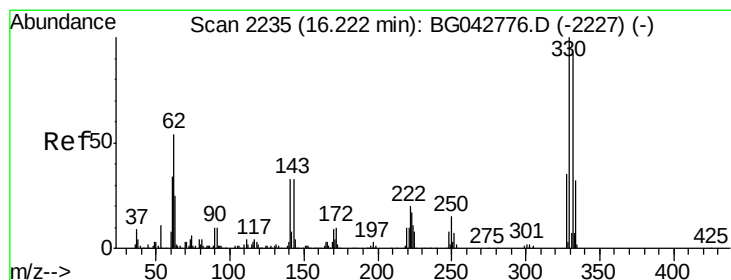
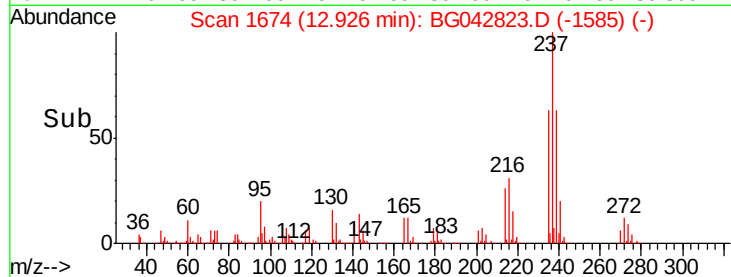
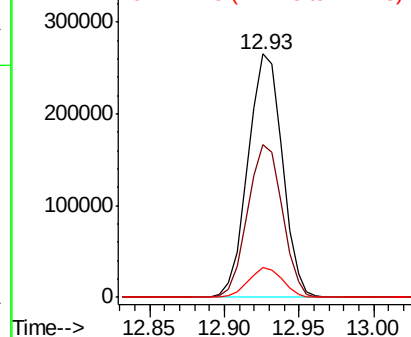
Tot Ion:	237	Resp:	420455
Ion Ratio	Lower	Upper	
237	100		
235	62.7	41.9	81.9
272	12.2	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 86.252 ng

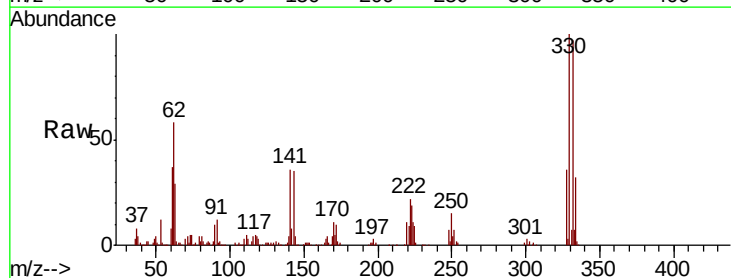
RT: 16.22 min Scan# 2234

Delta R.T. -0.01 min

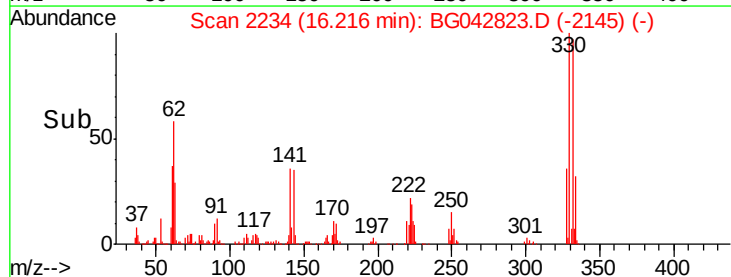
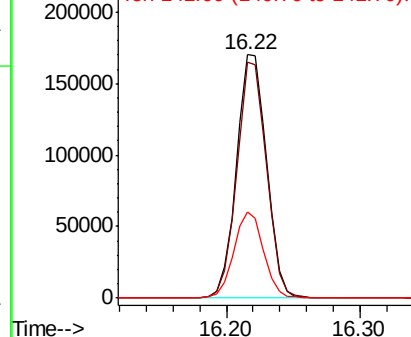
Lab File: BG042823.D

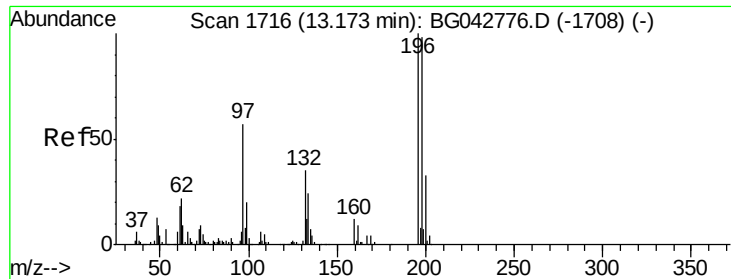
Acq: 13 Sep 2019 19:11

Tgt Ion:	330	Resp:	266589
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.7	115.1
141	35.2	27.0	40.6



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





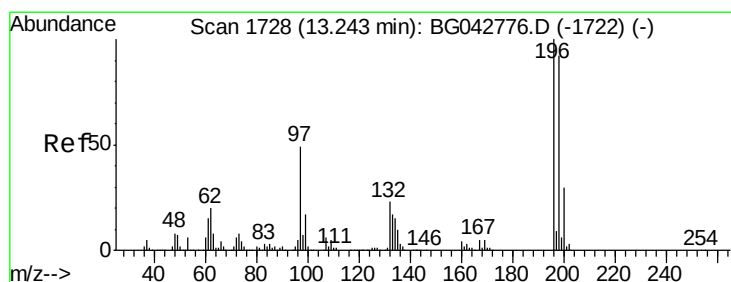
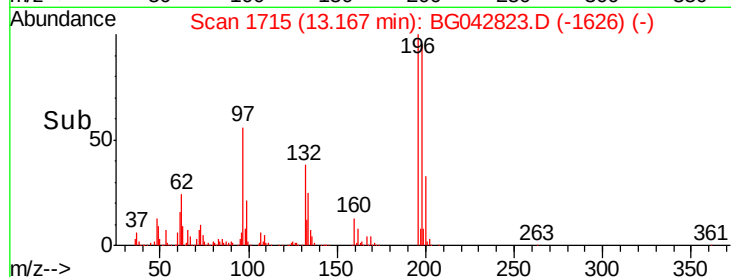
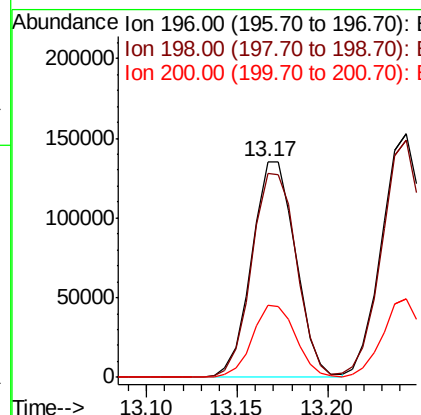
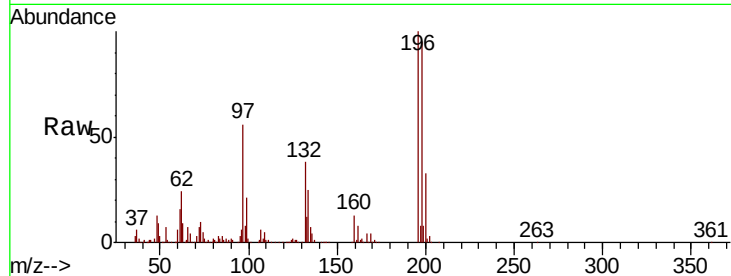
#43
 2,4,6-Trichlorophenol
 Concen: 44.628 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	228090		
198	94.5	78.8	118.2	
200	33.3	26.2	39.4	

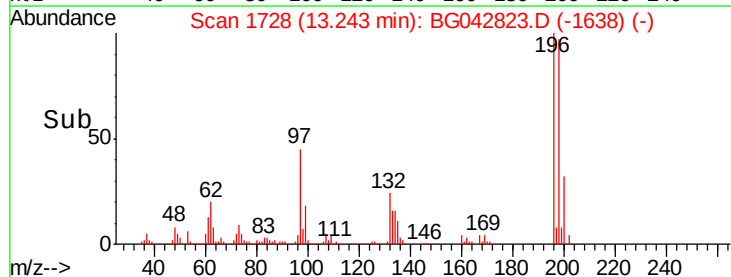
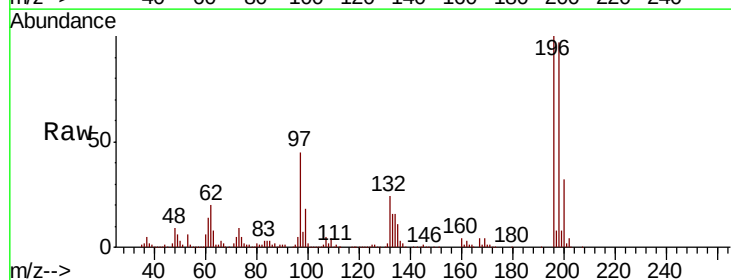
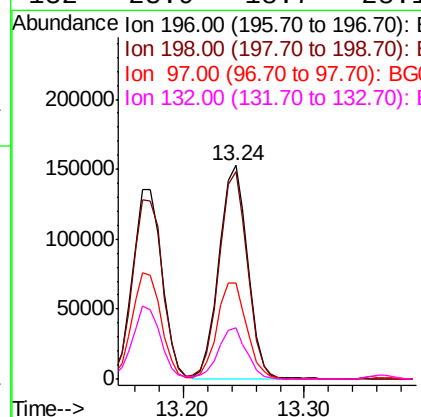
Manual Integrations
 APPROVED

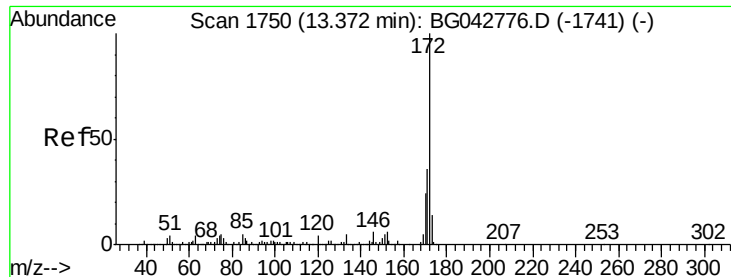
mohammad
 9/17/2019 9:20:35 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.666 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	249532		
198	97.4	73.4	110.0	
97	45.1	39.2	58.8	
132	23.9	18.7	28.1	





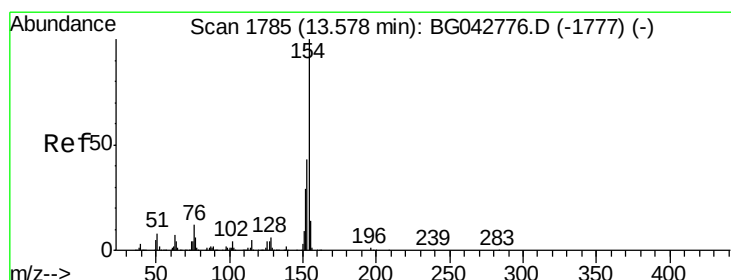
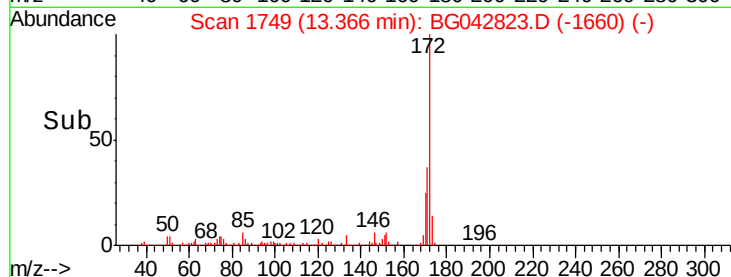
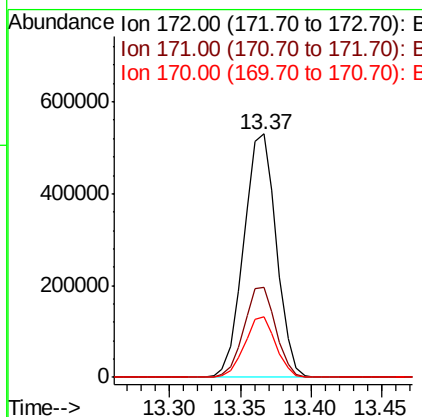
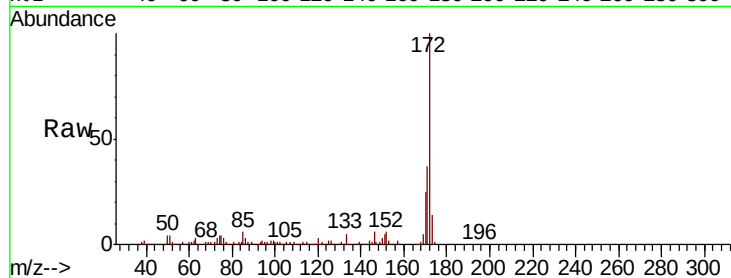
#45
2-Fluorobiphenyl
Concen: 58.216 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.9	19.1	28.7

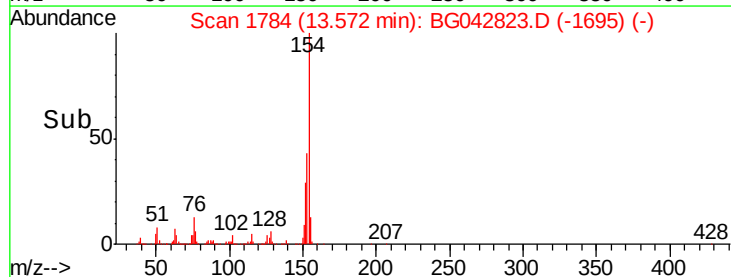
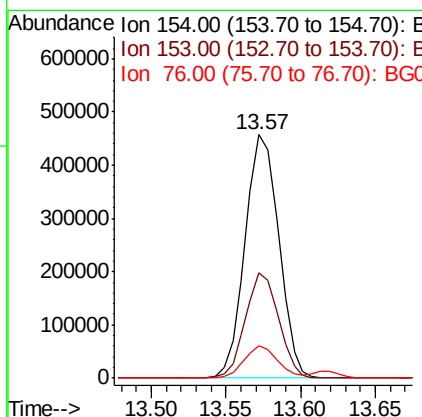
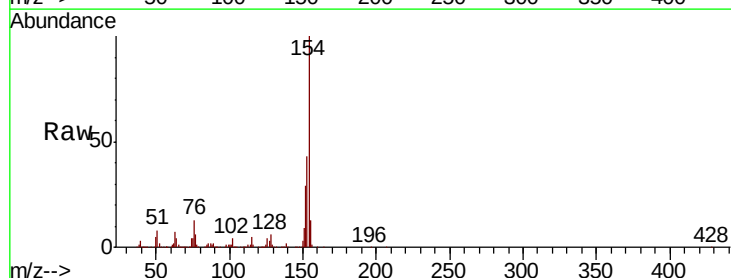
Manual Integrations
APPROVED

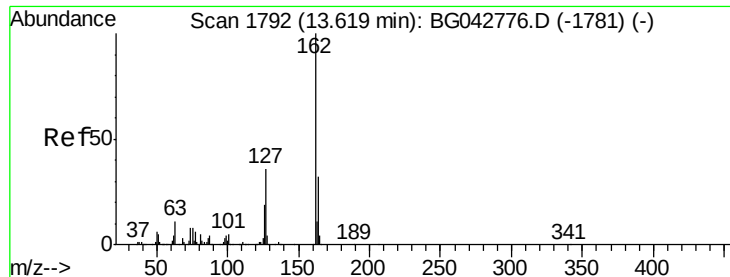
mohammad
9/17/2019 9:20:35 AM



#46
1,1'-Biphenyl
Concen: 44.097 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.6	62.6
76	13.2	0.0	32.2





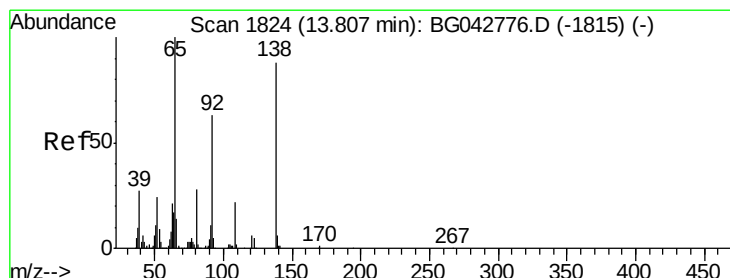
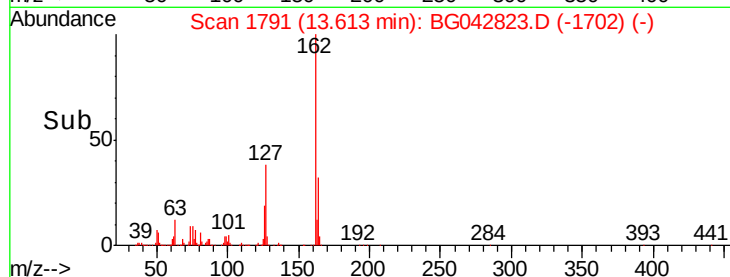
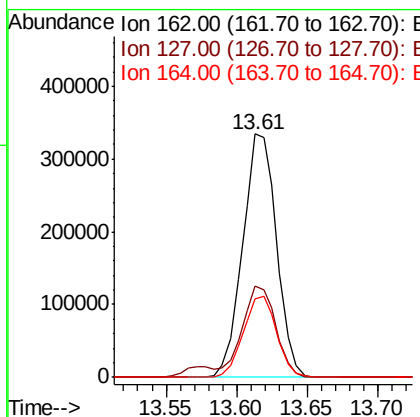
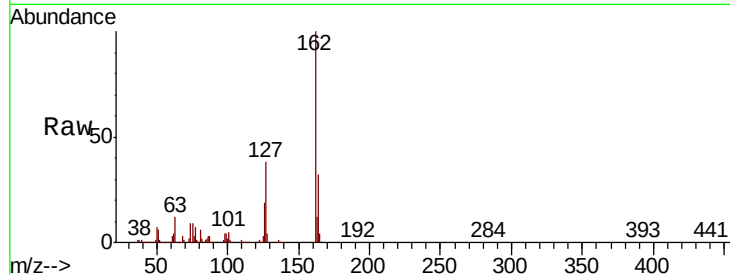
#47
 2-Chloronaphthalene
 Concen: 41.673 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	29.3	43.9
164	32.1	26.0	39.0

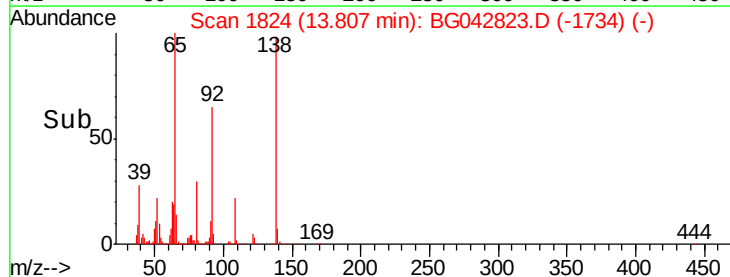
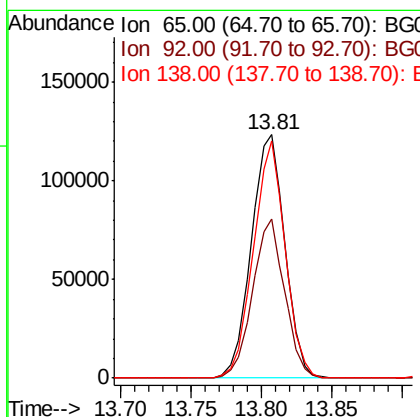
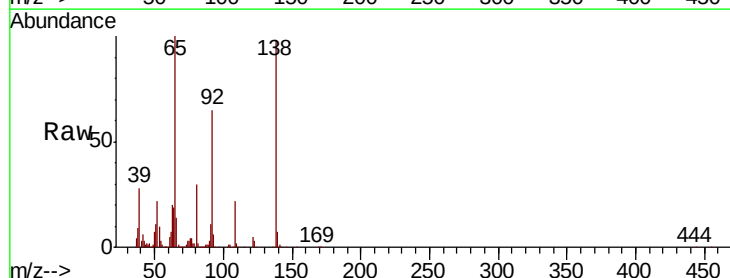
Manual Integrations
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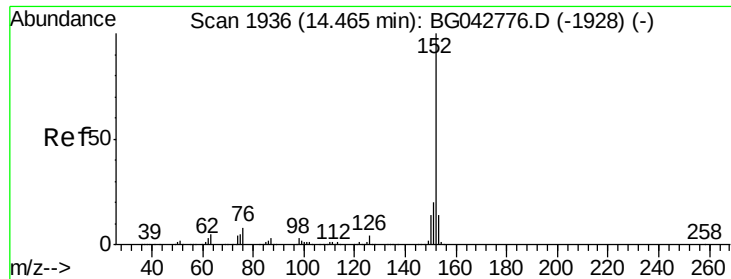
mohammad
 9/17/2019 9:20:35 AM



#48
 2-Nitroaniline
 Concen: 44.199 ng
 RT: 13.81 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.1	50.4	75.6
138	97.6	70.6	106.0





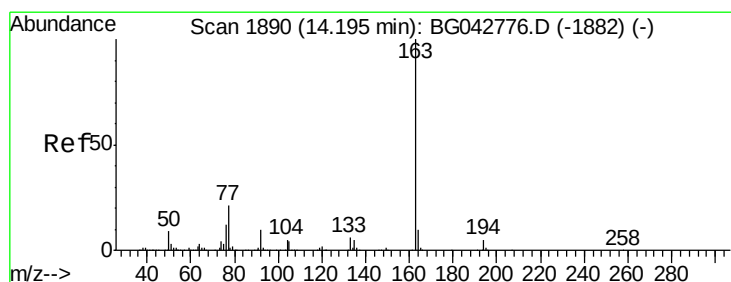
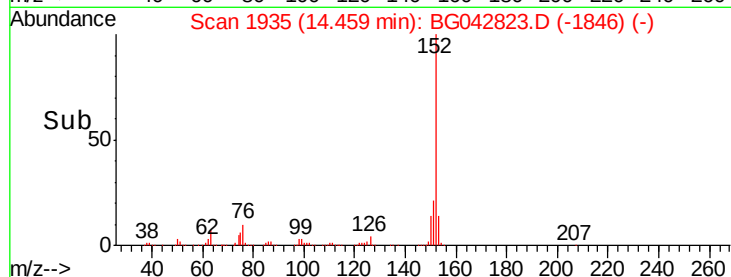
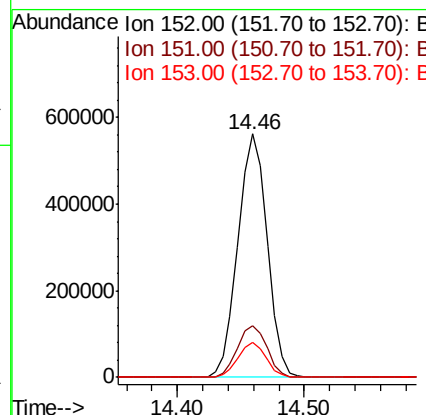
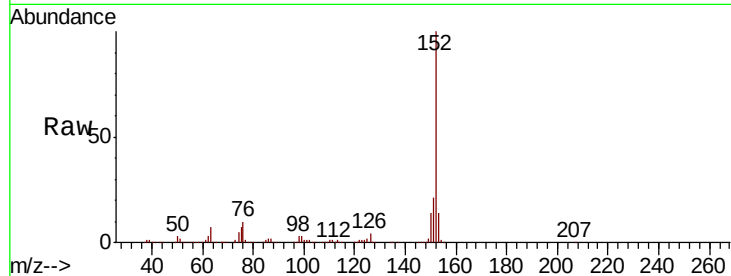
#49
Acenaphthylene
Concen: 43.483 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.0	24.0
153	14.1	11.4	17.0

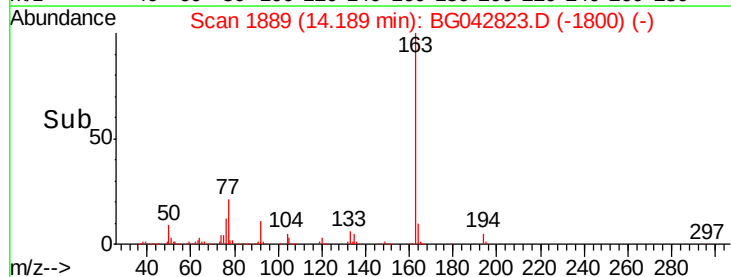
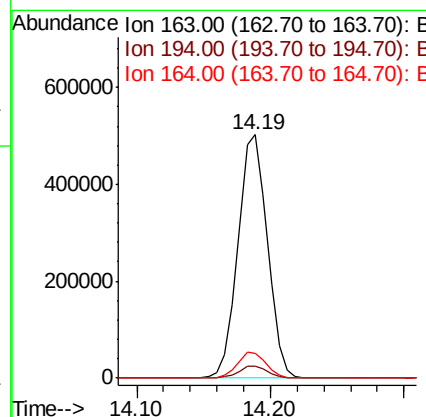
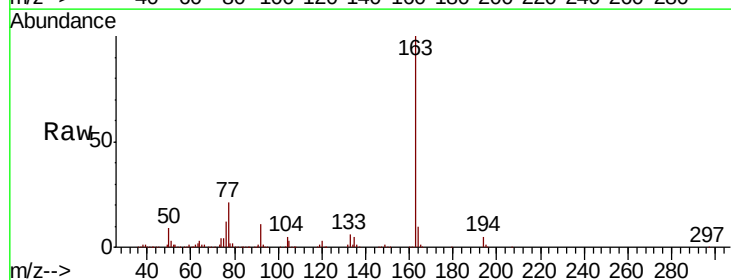
Manual Integrations
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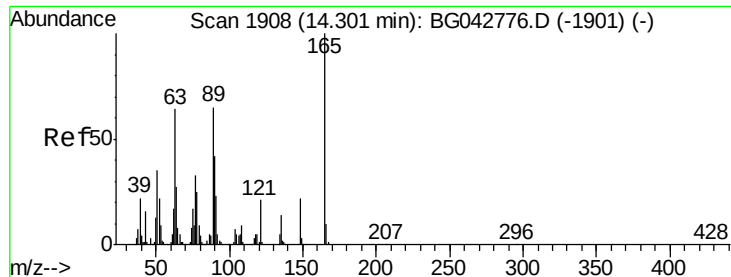
mohammad
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#50
Dimethylphthalate
Concen: 44.026 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.4
164	10.1	8.4	12.6





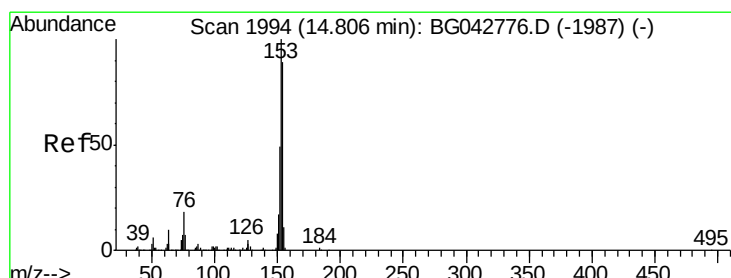
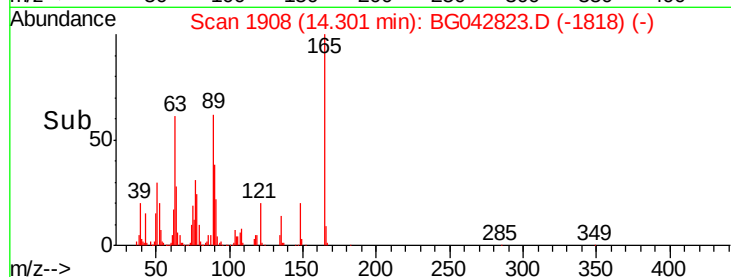
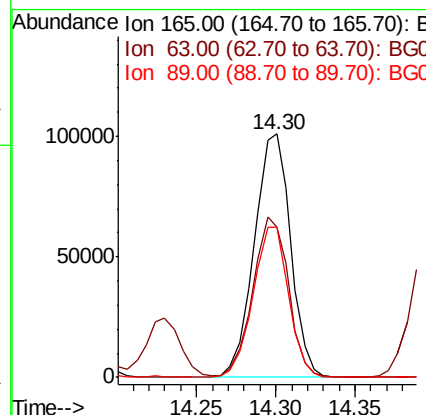
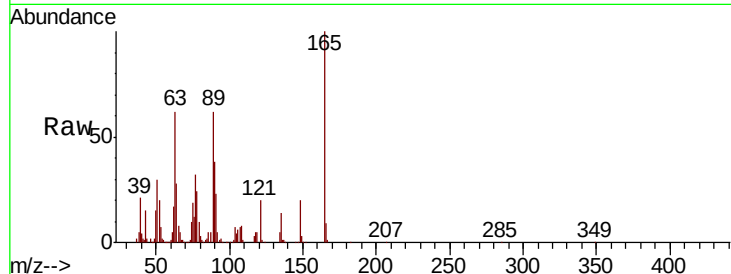
#51
 2,6-Dinitrotoluene
 Concen: 45.012 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion:	165	Resp:	160740
Ion Ratio	Lower	Upper	
165	100		
63	61.6	52.1	78.1
89	61.7	51.7	77.5

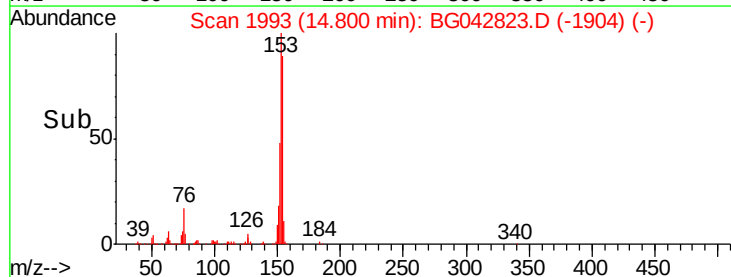
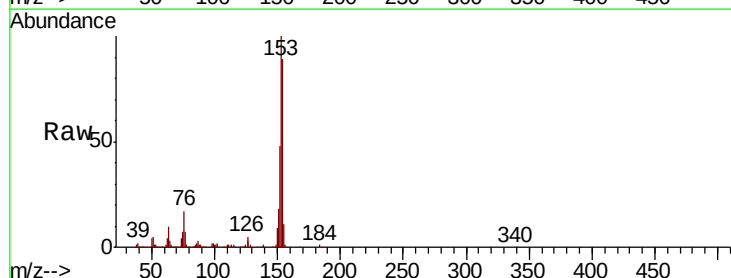
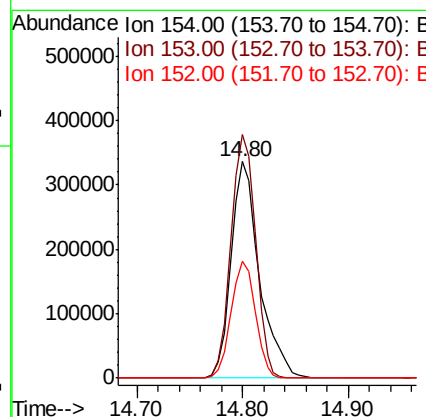
Manual Integrations
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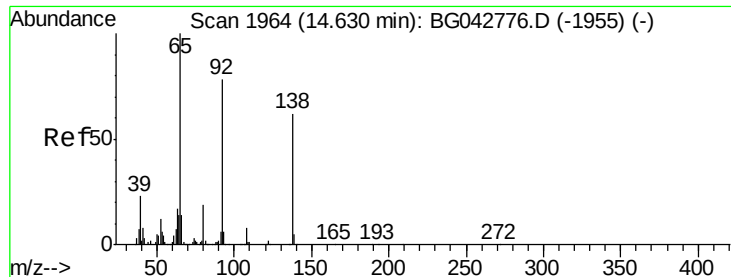
mohammad
 9/17/2019 9:20:35 AM



#52
 Acenaphthene
 Concen: 46.105 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion:	154	Resp:	619263
Ion Ratio	Lower	Upper	
154	100		
153	112.5	89.4	134.2
152	53.8	43.5	65.3





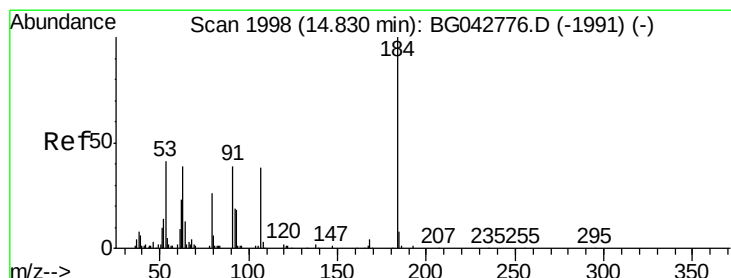
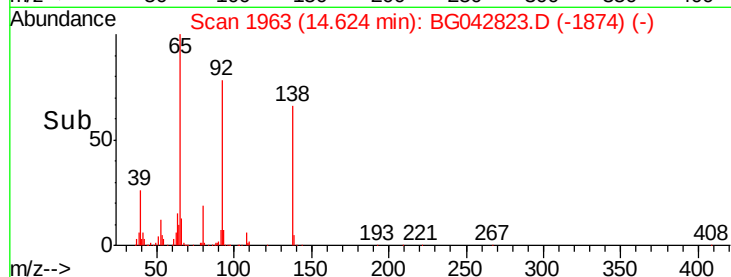
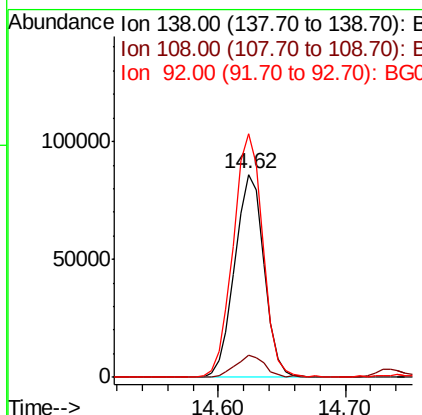
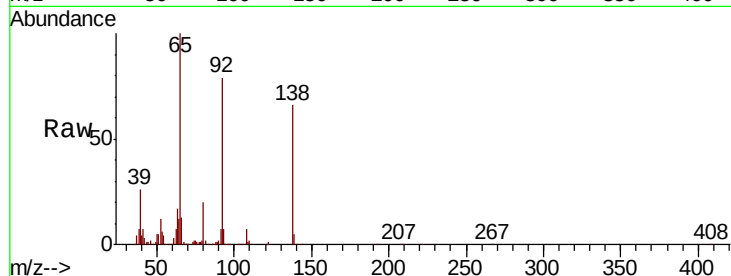
#53
 3-Nitroaniline
 Concen: 34.399 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	10.7	16.1#
92	120.0	100.5	150.7

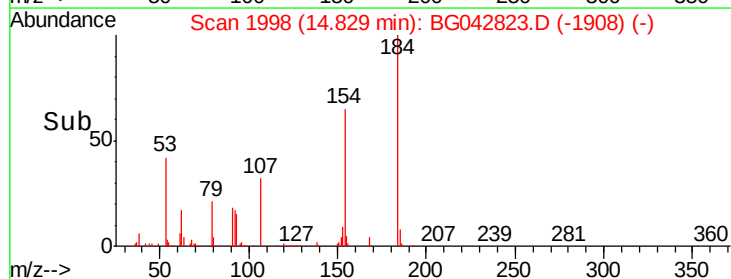
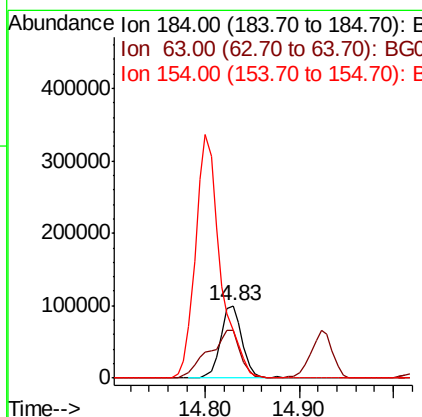
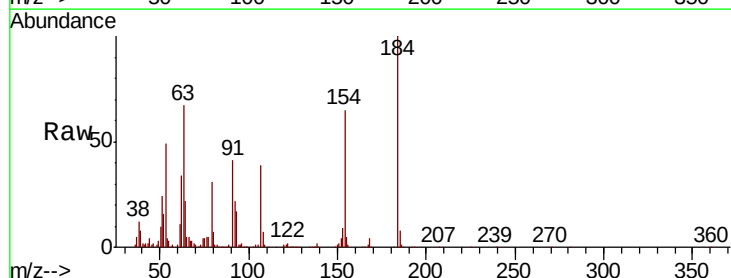
Manual Integrations
 APPROVED

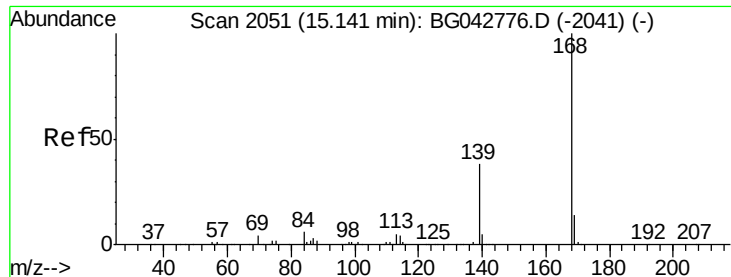
mohammad
 9/17/2019 9:20:35 AM



#54
 2,4-Dinitrophenol
 Concen: 91.166 ng
 RT: 14.83 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.5	46.2	69.4
154	65.3	81.3	121.9#





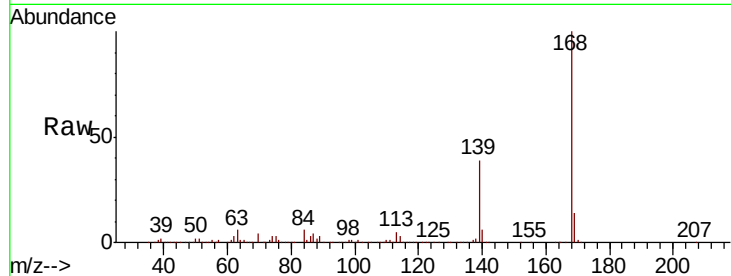
#55
Dibenzofuran
Concen: 42.978 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	858031		
139	39.0		30.2	45.4
169	14.0		11.2	16.8

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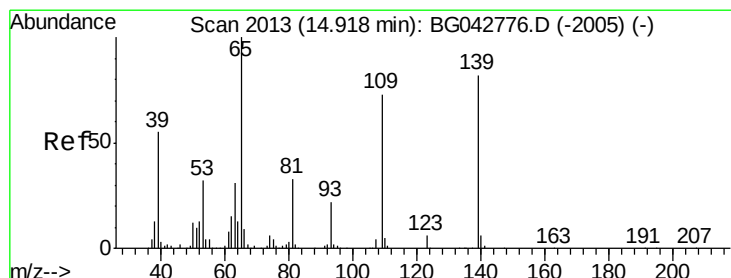
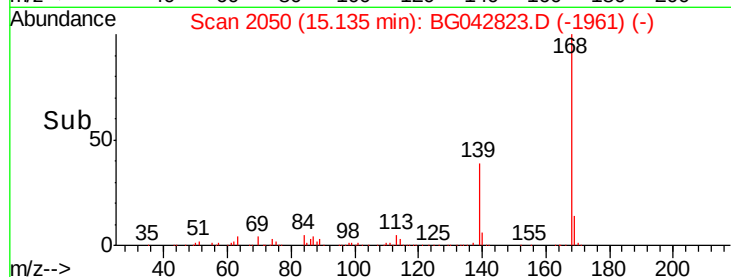
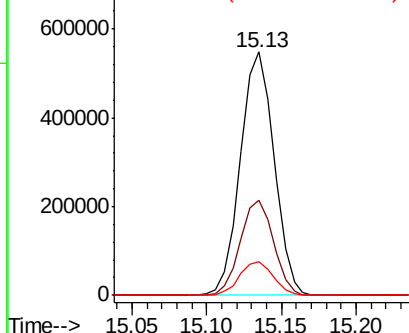


Abundance

Ion 168.00 (167.70 to 168.70): E

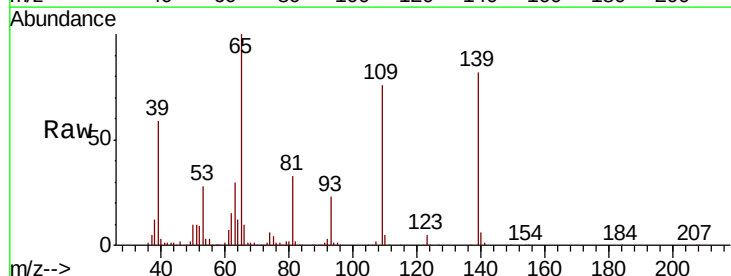
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 92.372 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	286244		
109	92.7		69.4	109.4
65	121.6		102.5	142.5

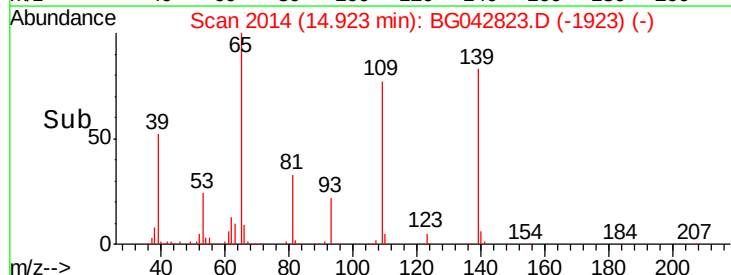
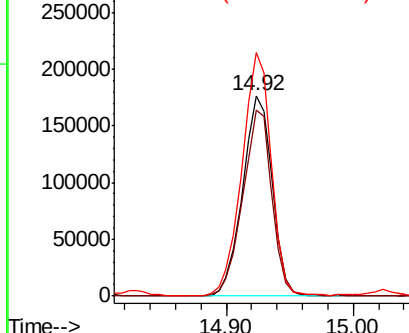


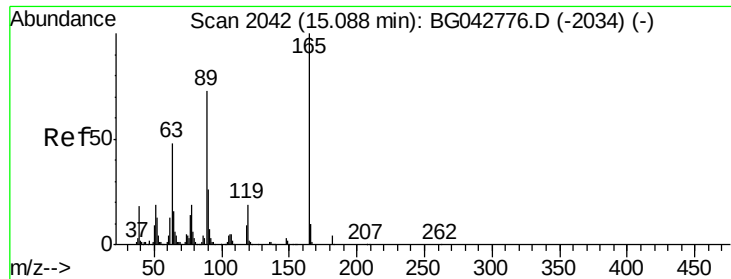
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





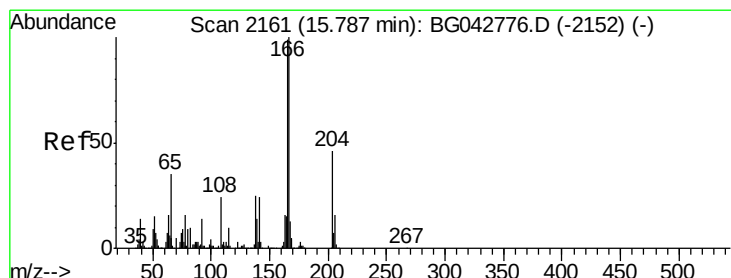
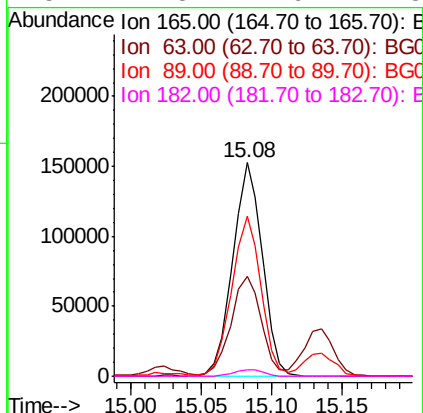
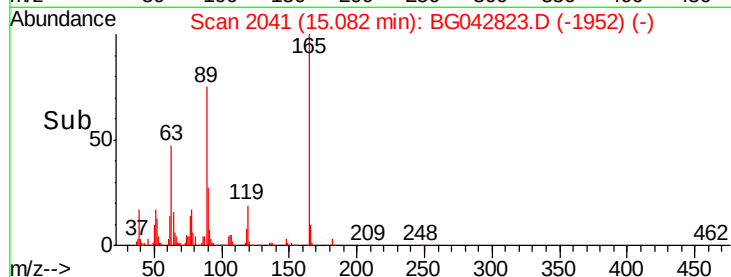
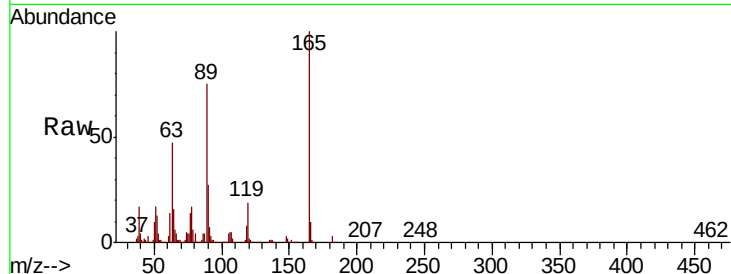
#57
2,4-Dinitrotoluene
Concen: 46.746 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		222507		
63	46.9	38.3	57.5		
89	74.6	58.4	87.6		
182	2.8	2.9	4.3#		

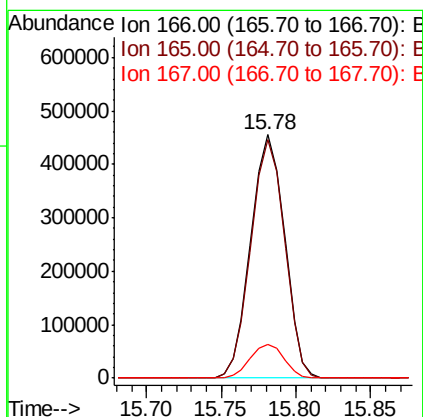
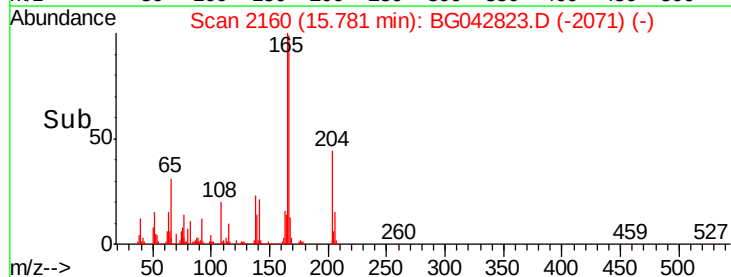
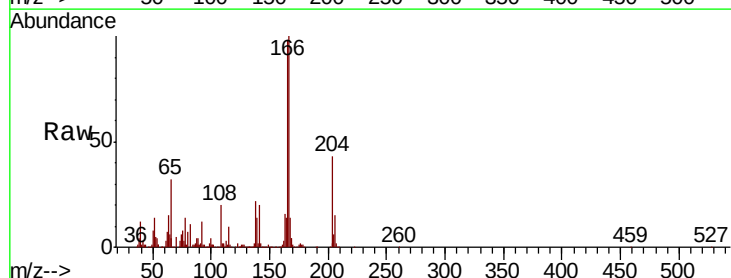
Manual Integrations
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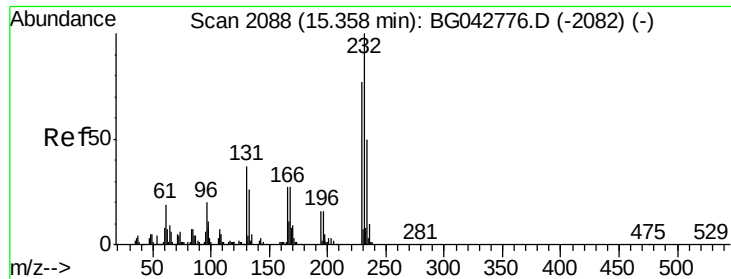
mohammad
9/17/2019 9:20:35 AM



#58
Fluorene
Concen: 43.178 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		714416		
165	97.8	79.1	118.7		
167	14.0	10.7	16.1		





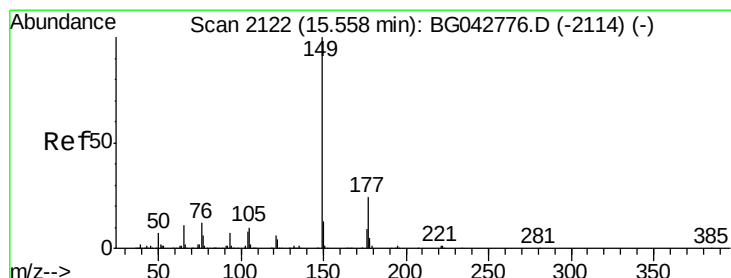
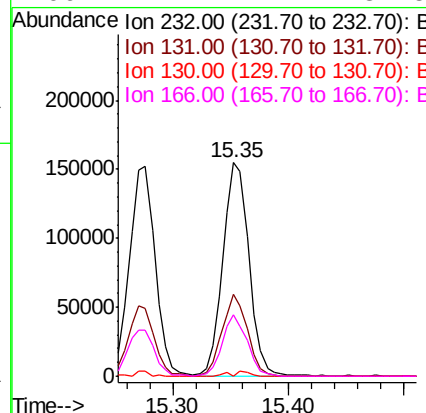
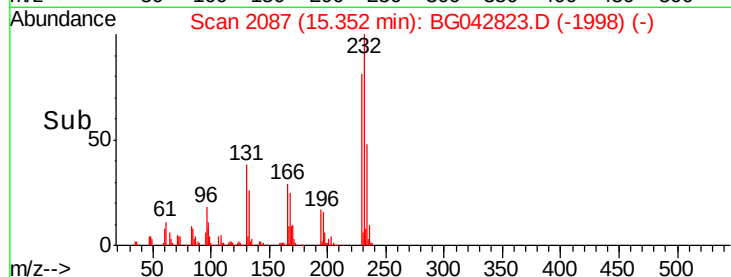
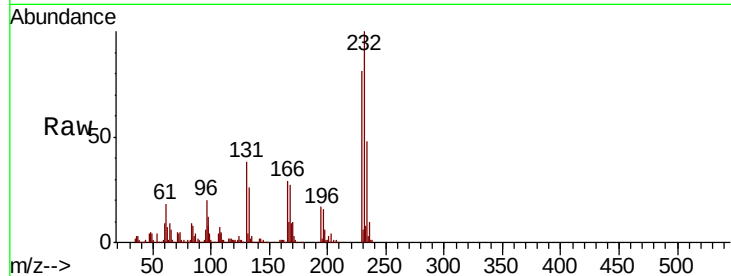
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.815 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	242648		
131	36.7		31.1	46.7
130	1.2		1.8	2.6
166	27.1		21.7	32.5

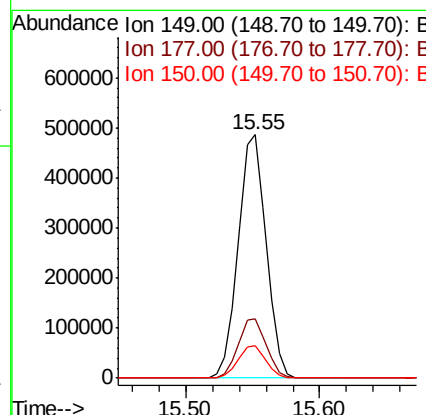
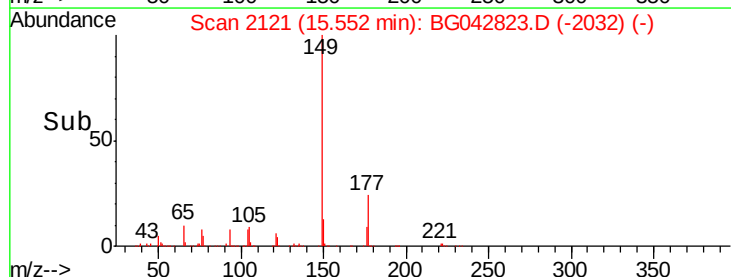
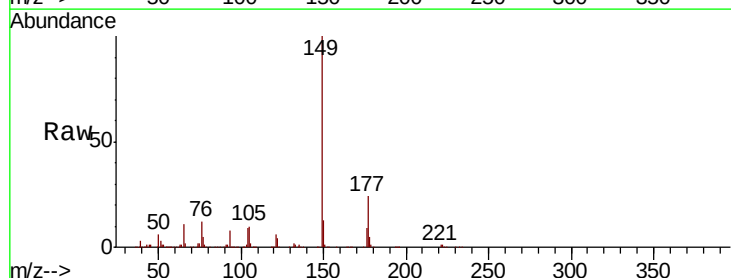
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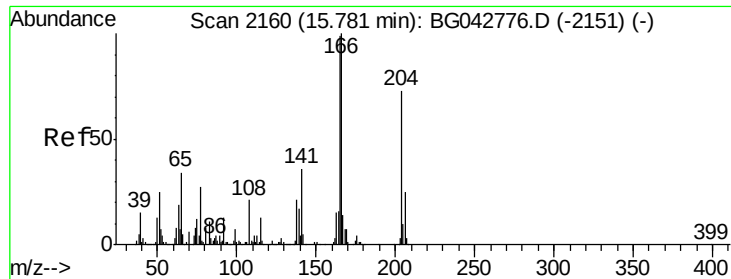
mohammad
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#60
 Diethylphthalate
 Concen: 40.025 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	707070		
177	24.3		19.4	29.0
150	13.4		10.2	15.4





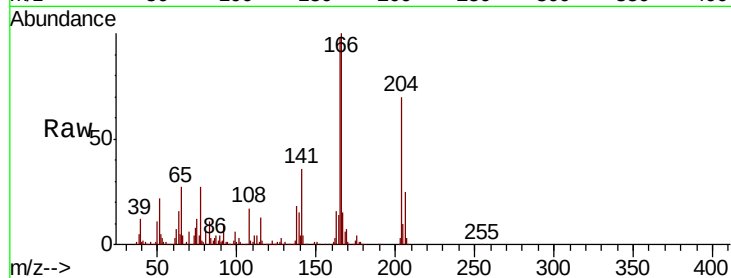
#61
4-Chlorophenyl-phenylether
Concen: 41.390 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampled :
SB-23-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	35.1	27.6	41.4
141	51.5	39.8	59.6

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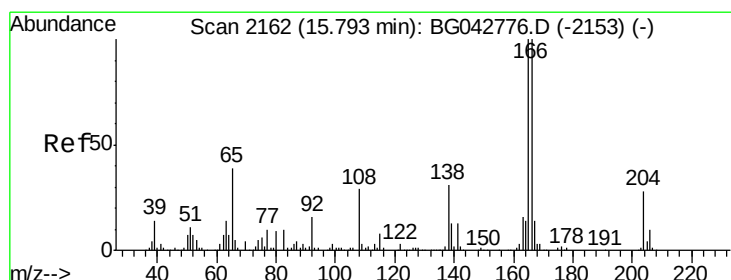
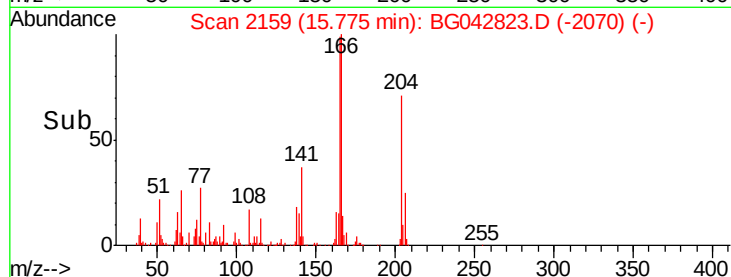
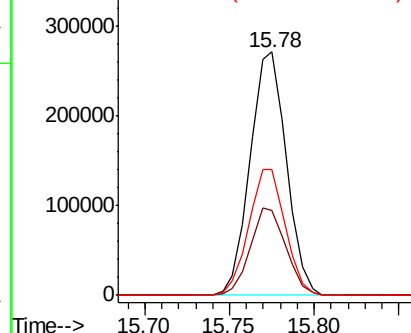


Abundance

Ion 204.00 (203.70 to 204.70): E

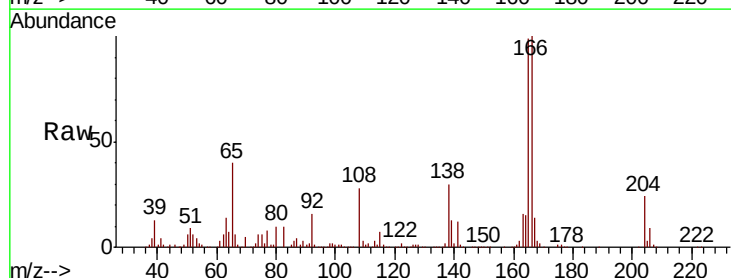
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.103 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	53.9	31.4	71.4
108	94.6	74.8	114.8

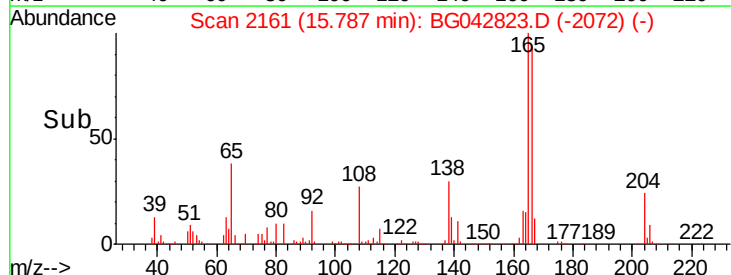
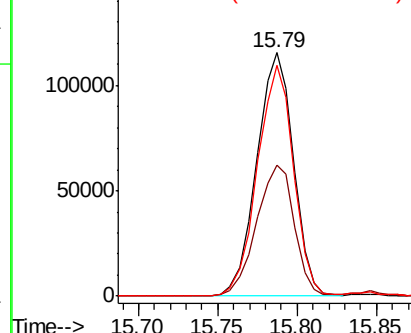


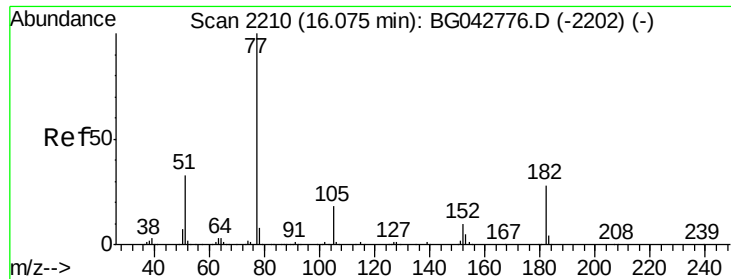
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





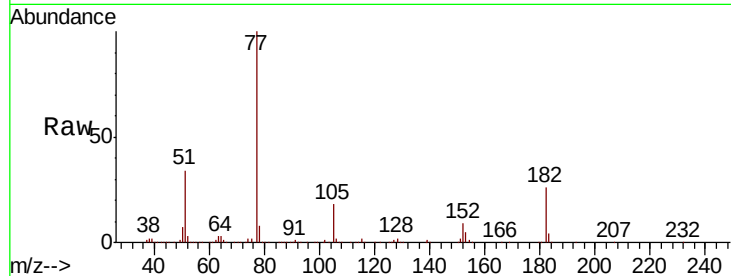
#63
Azobenzene
Concen: 42.580 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

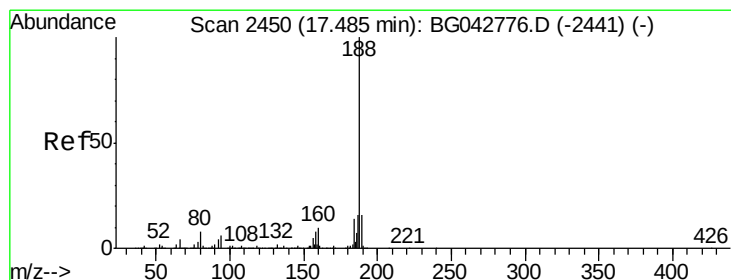
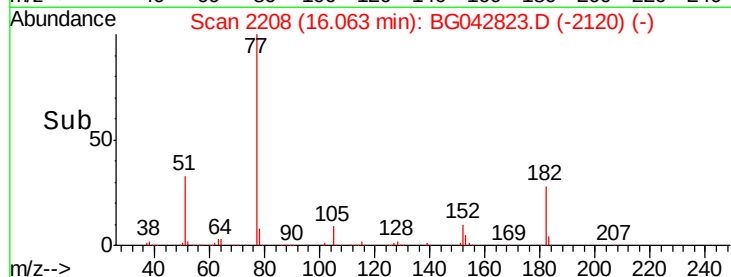
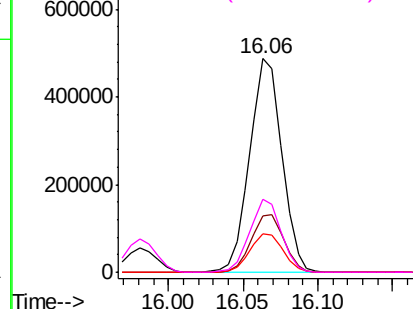
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.4	8.1	48.1		
105	17.8	0.0	38.1		
51	34.0	12.9	52.9		

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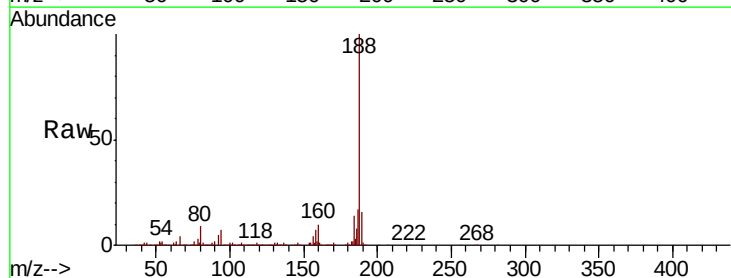


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

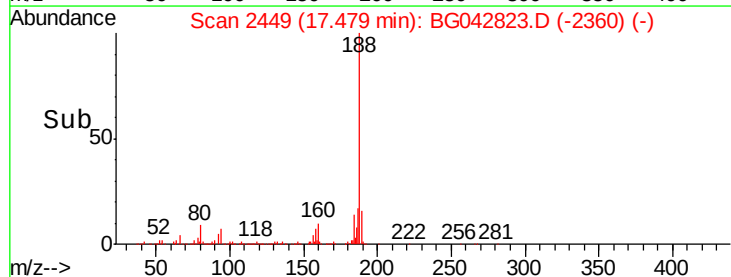
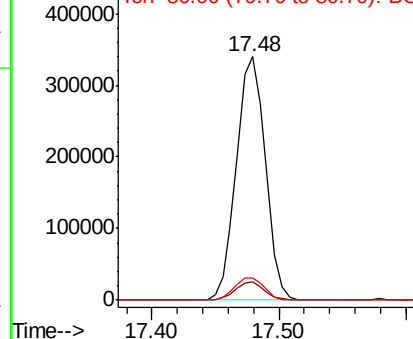


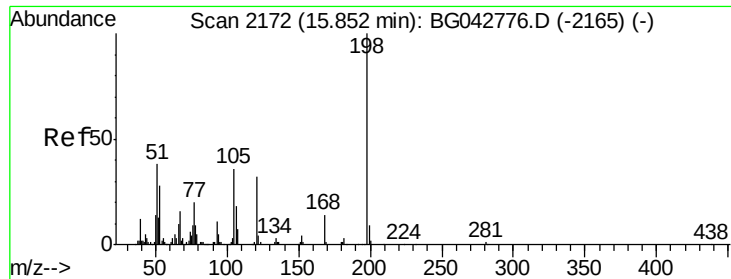
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.3	4.8	7.2#		
80	9.3	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: 53.195 ng

RT: 15.85 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

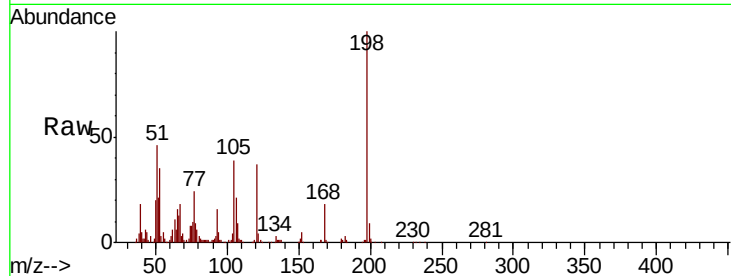
ClientSampleId :

SB-23-COMPMS

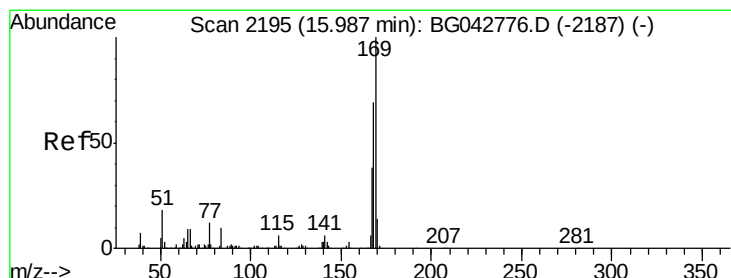
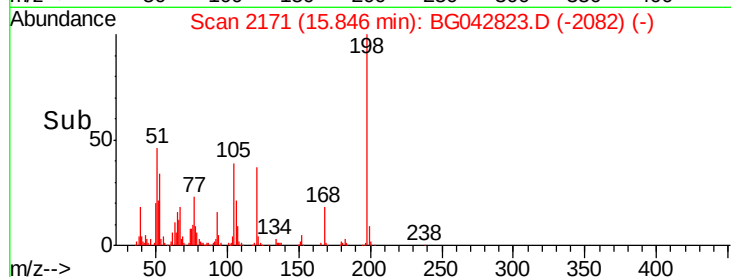
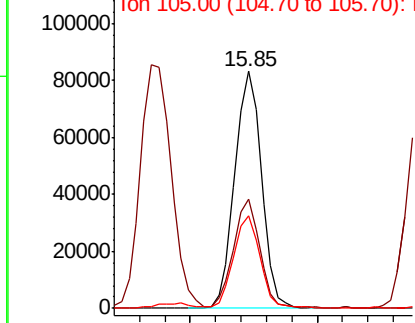
Tot Ion:	198	Resp:	121922
Ion Ratio	Lower	Upper	
198	100		
51	46.1	20.9	60.9
105	39.0	16.4	56.4

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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: 44.290 ng

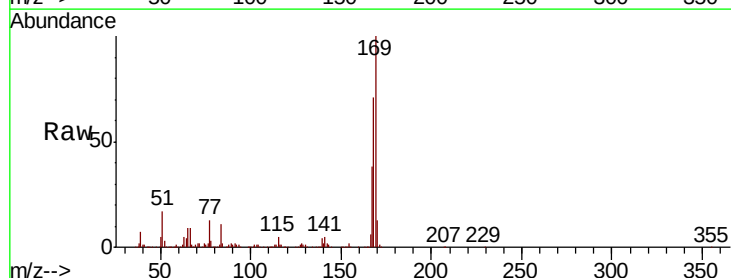
RT: 15.98 min Scan# 2194

Delta R.T. -0.01 min

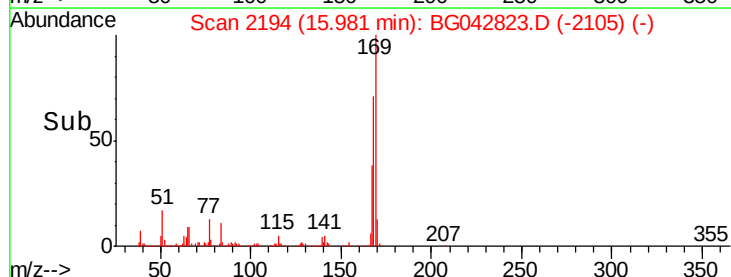
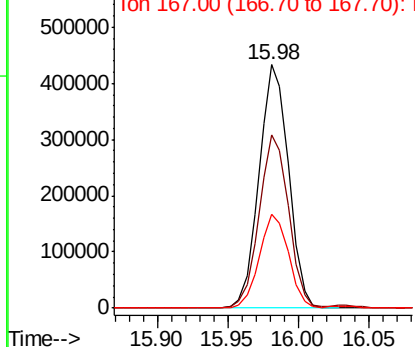
Lab File: BG042823.D

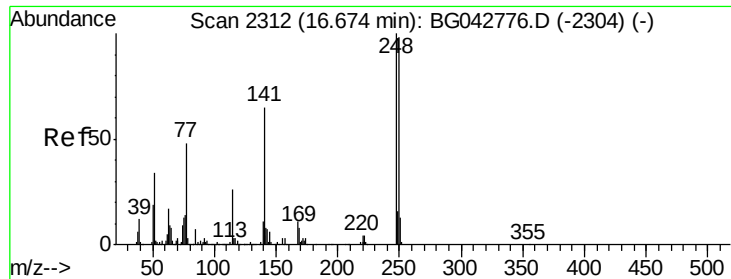
Acq: 13 Sep 2019 19:11

Tgt Ion:	169	Resp:	638395
Ion Ratio	Lower	Upper	
169	100		
168	71.1	55.4	83.2
167	38.5	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





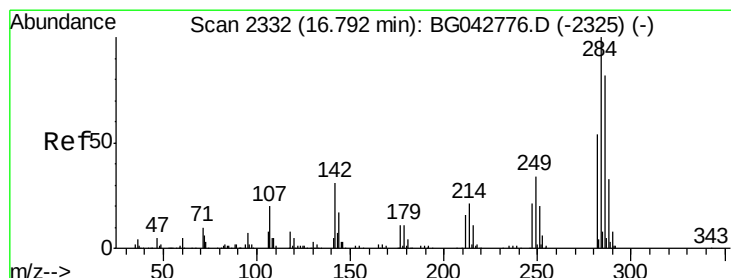
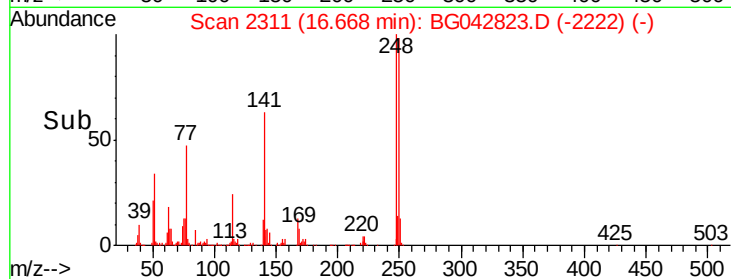
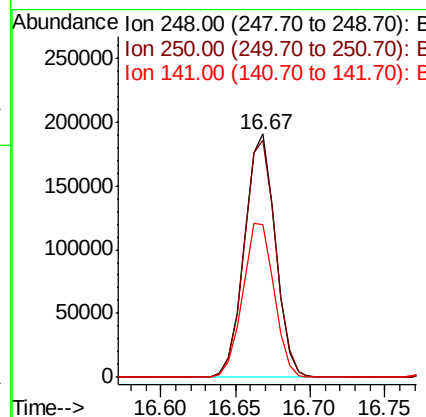
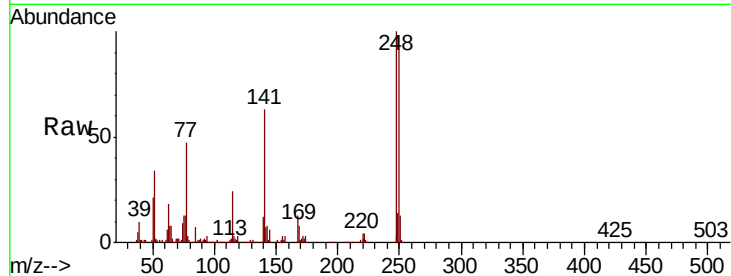
#67
4-Bromophenyl-phenylether
Concen: 41.926 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.0	117.0
141	62.9	51.8	77.6

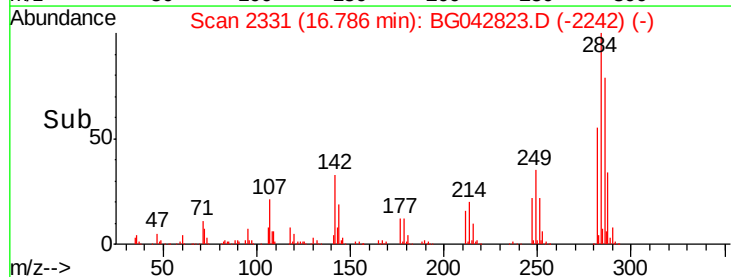
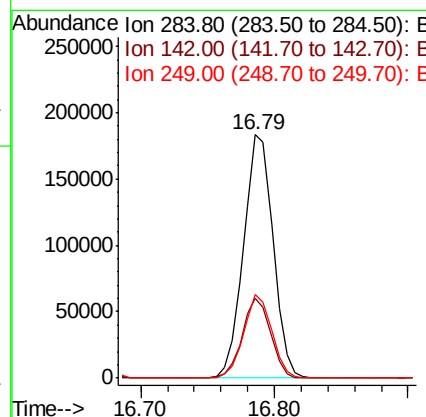
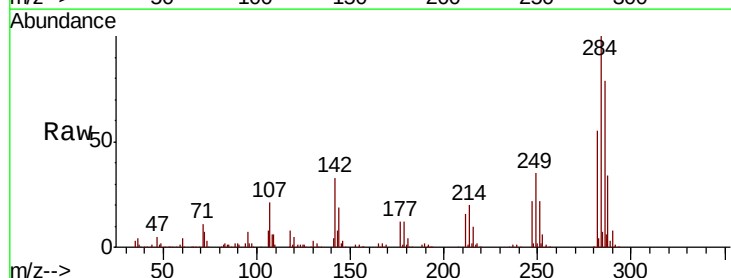
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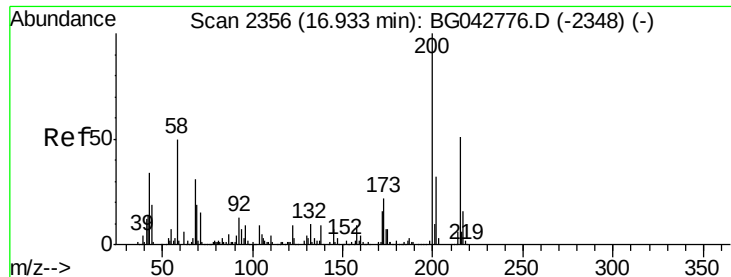
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#68
Hexachlorobenzene
Concen: 40.267 ng
RT: 16.79 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	24.7	37.1
249	34.6	27.0	40.4





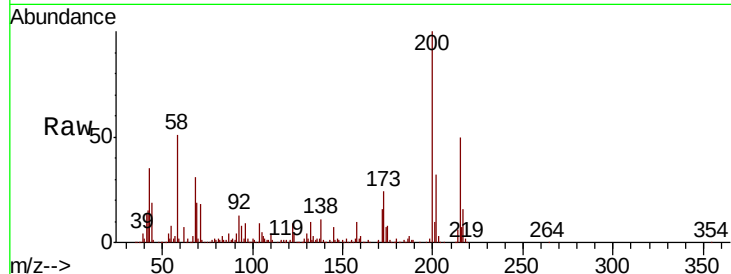
#69
Atrazine
Concen: 50.133 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.9	2.5	42.5
215	50.2	31.0	71.0

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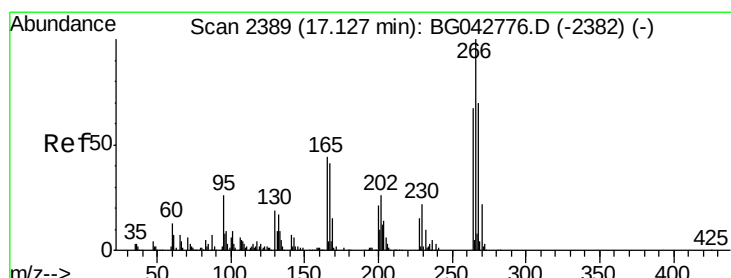
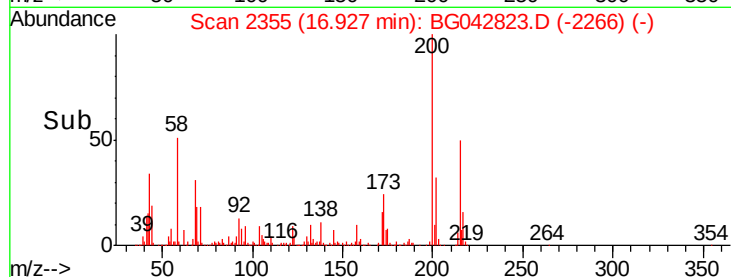
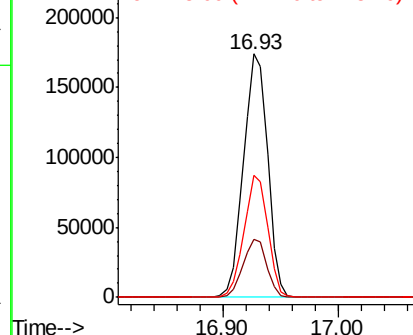


Abundance

Ion 200.00 (199.70 to 200.70): E

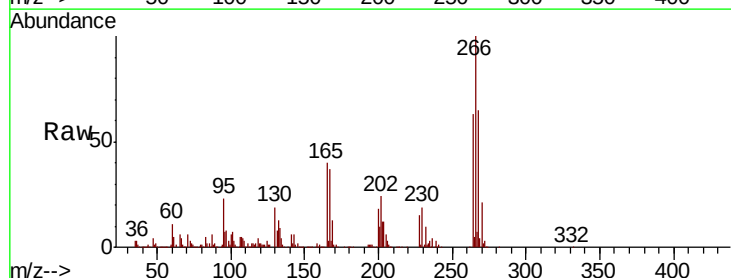
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 95.504 ng
RT: 17.13 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.7	56.2	84.4
264	63.2	53.4	80.2

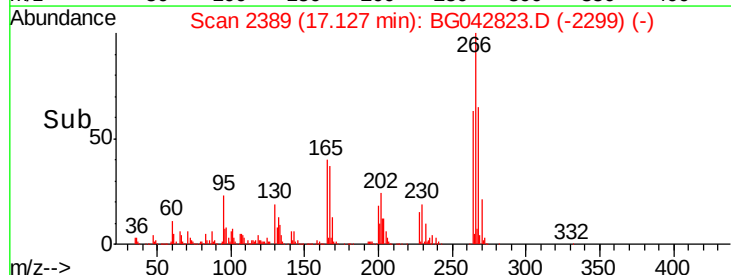
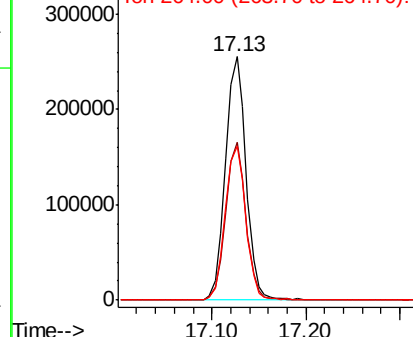


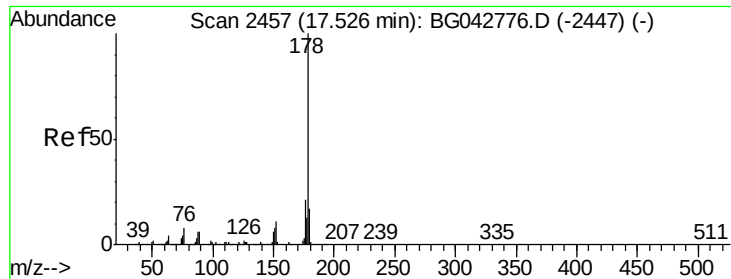
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.675 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

SB-23-COMPMS

Tot Ion:178 Resp: 1118829

Ion Ratio Lower Upper

178 100

176 21.0 17.0 25.4

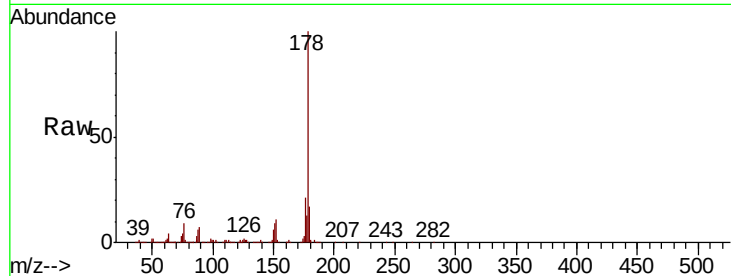
179 17.0 13.6 20.4

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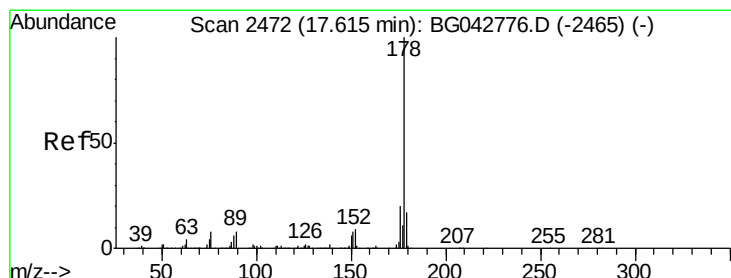
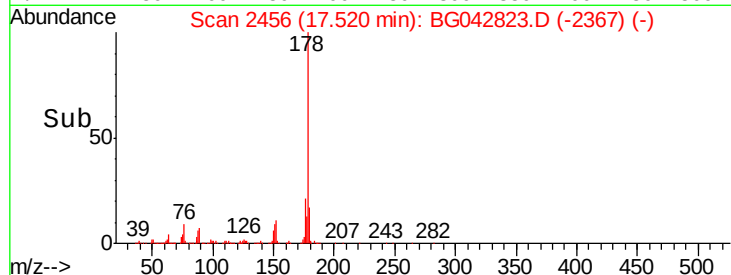
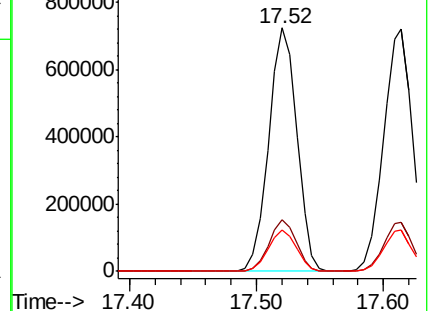
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.782 ng

RT: 17.61 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

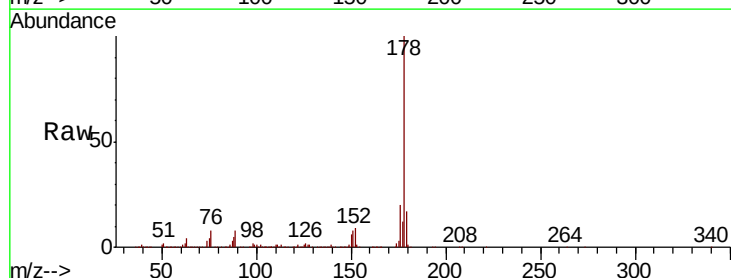
Tgt Ion:178 Resp: 1146101

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

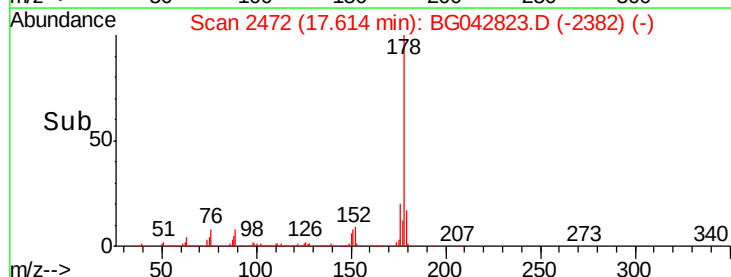
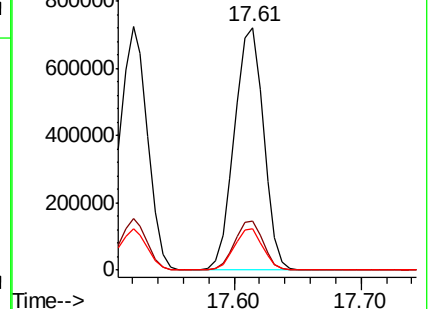
179 17.1 13.6 20.4

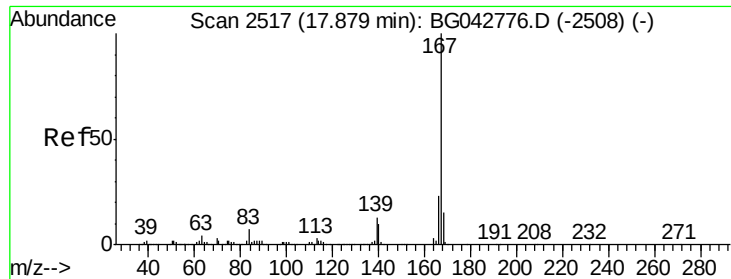


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





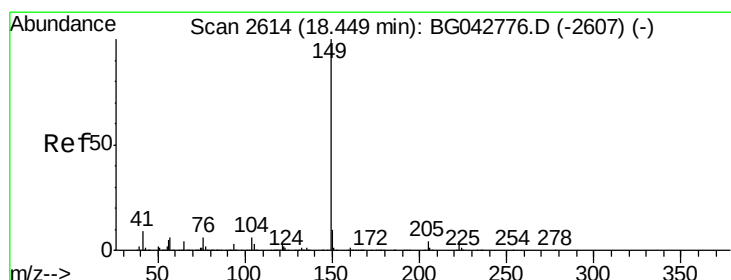
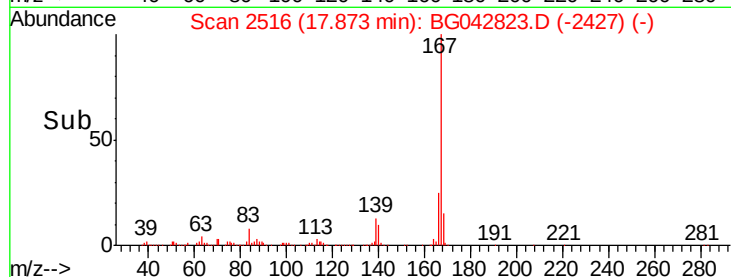
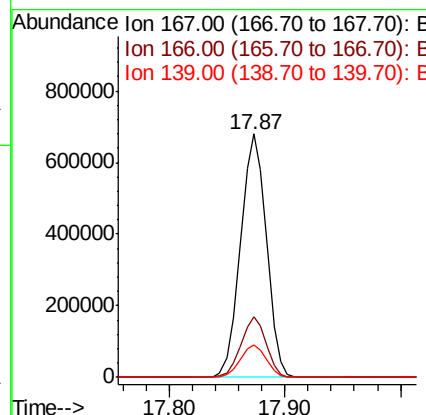
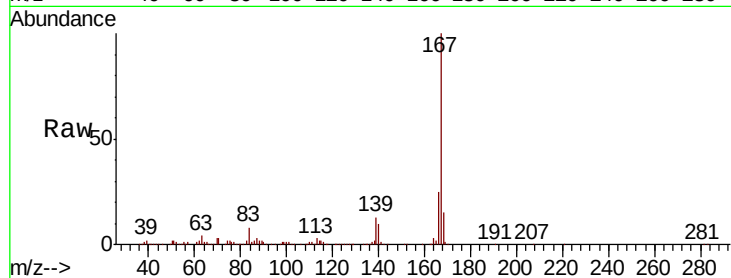
#73
 Carbazole
 Concen: 43.270 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.6	18.3	27.5
139	13.4	10.2	15.4

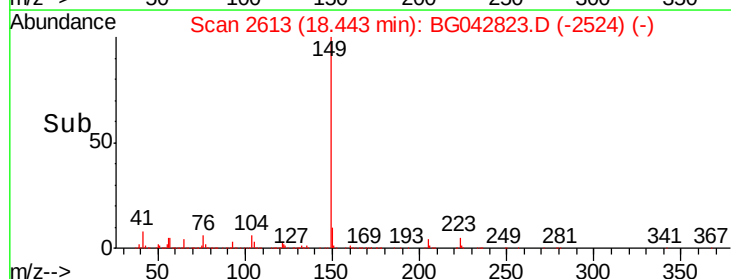
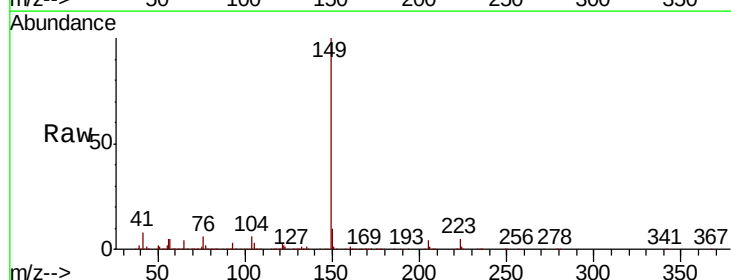
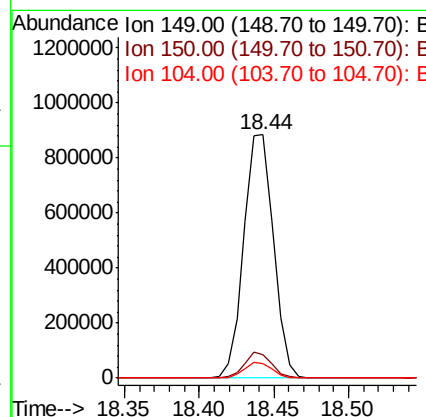
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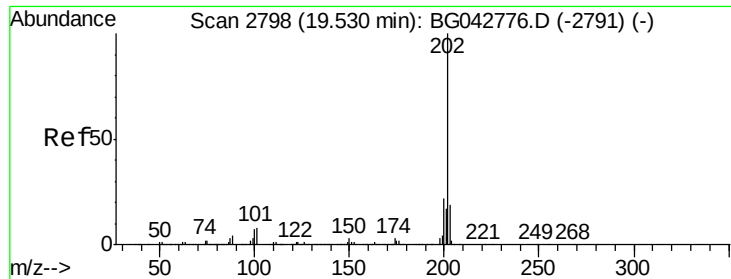
mohammad
 9/17/2019 9:20:35 AM



#74
 Di-n-butylphthalate
 Concen: 41.968 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	6.2	5.1	7.7





#75

Fluoranthene

Concen: 43.458 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

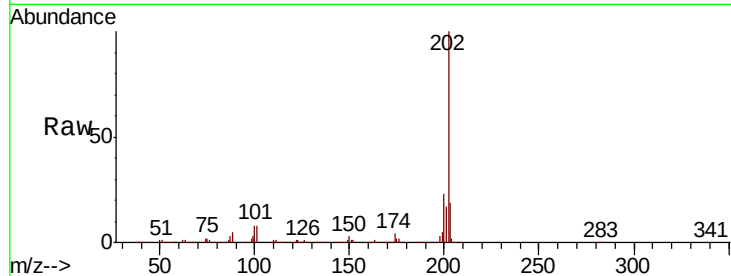
ClientSampleId :

SB-23-COMPMS

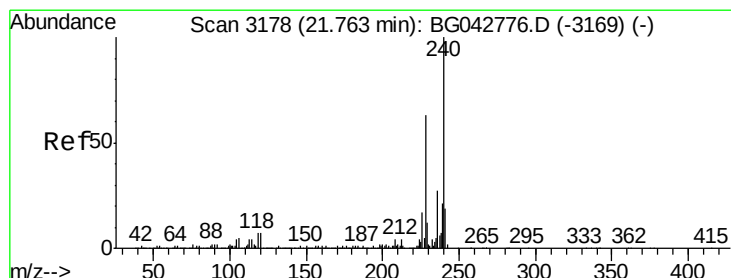
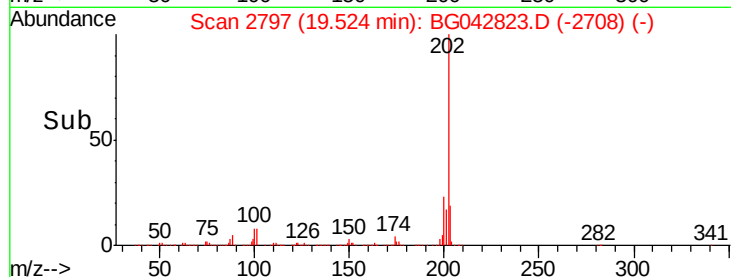
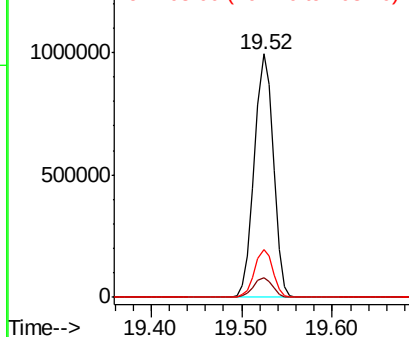
Tot Ion:	202	Resp:	1442814
Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	27.8
203	19.4	0.0	39.1

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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

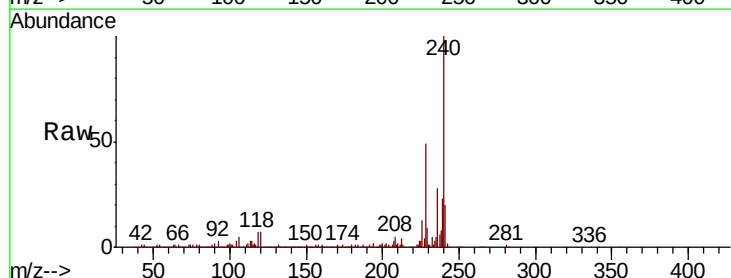
RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

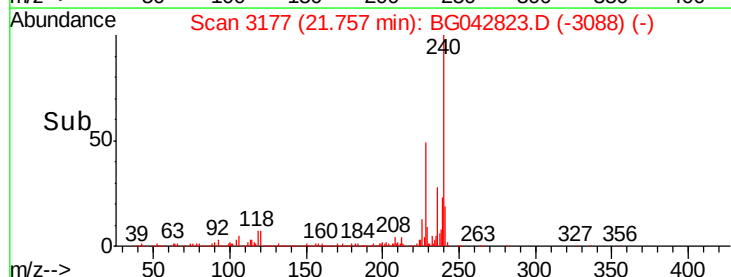
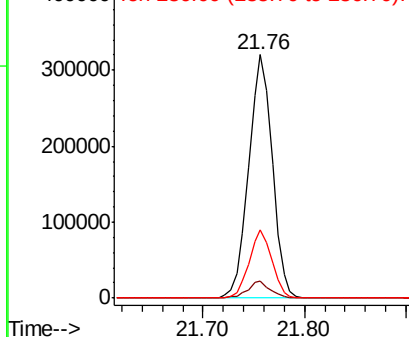
Lab File: BG042823.D

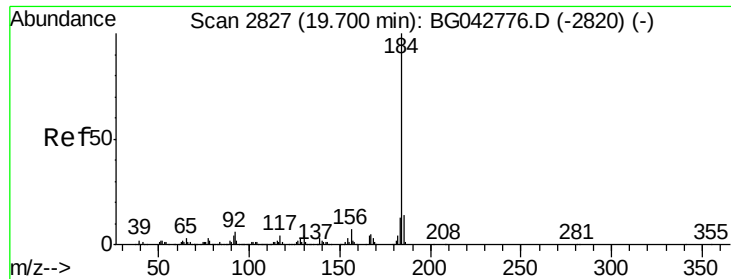
Acq: 13 Sep 2019 19:11

Tgt Ion:	240	Resp:	518340
Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.4	8.2
236	27.9	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: 53.189 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

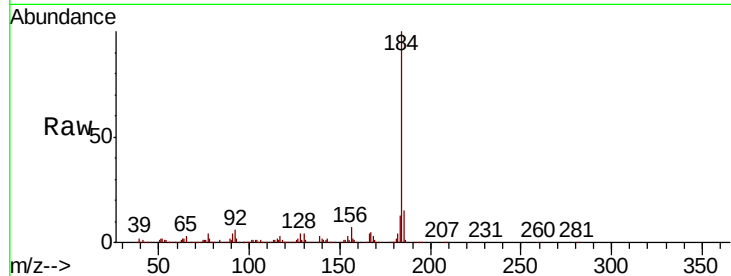
ClientSampleId :

SB-23-COMPMS

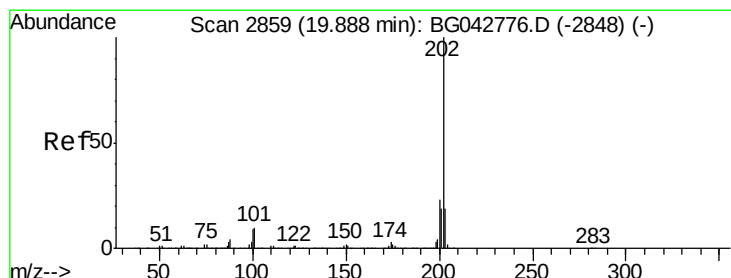
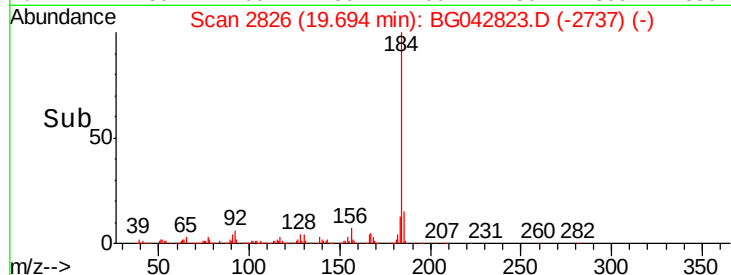
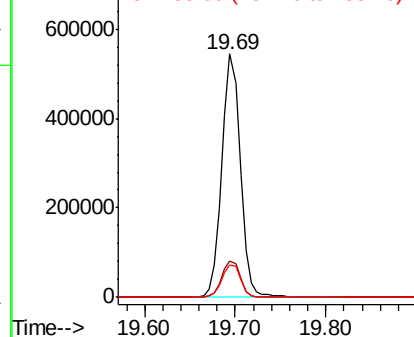
Tot Ion:	184	Resp:	770274
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.6	17.4
183	13.4	10.4	15.6

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



#78

Pyrene

Concen: 44.619 ng

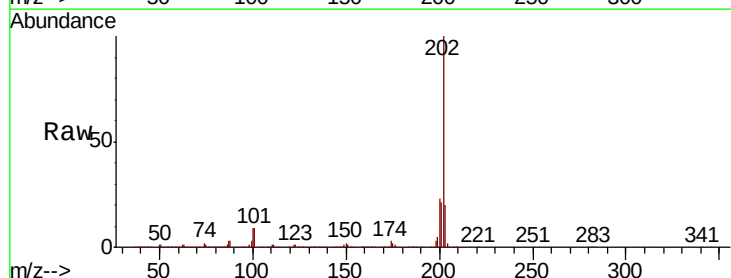
RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

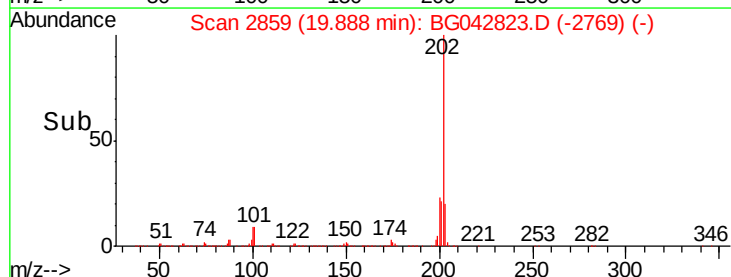
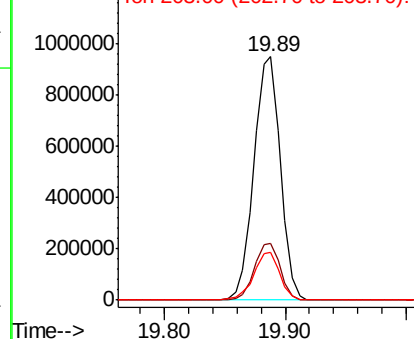
Lab File: BG042823.D

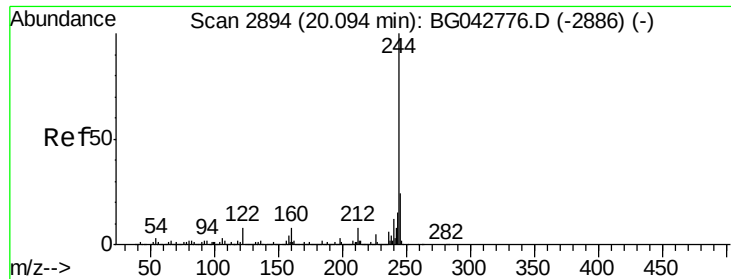
Acq: 13 Sep 2019 19:11

Tgt Ion:	202	Resp:	1447962
Ion Ratio	Lower	Upper	
202	100		
200	23.3	18.5	27.7
203	19.6	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: 59.701 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

SB-23-COMPMS

Tot Ion:244 Resp: 1396288

Ion Ratio Lower Upper

244 100

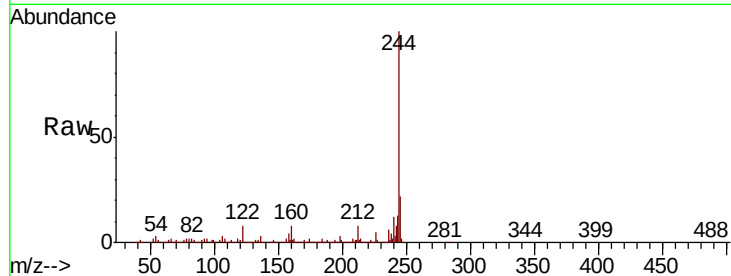
212 7.9 6.6 10.0

122 7.9 6.2 9.4

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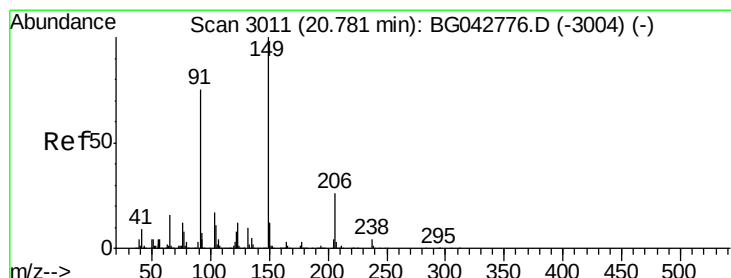
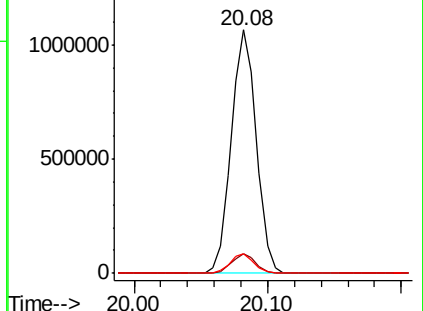
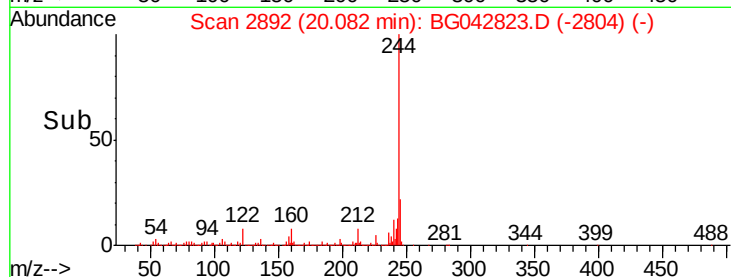
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.154 ng

RT: 20.78 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

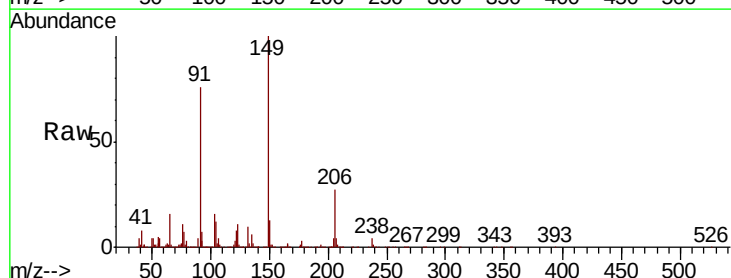
Tgt Ion:149 Resp: 566758

Ion Ratio Lower Upper

149 100

91 75.6 60.2 90.2

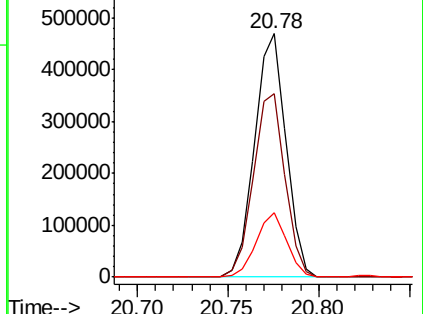
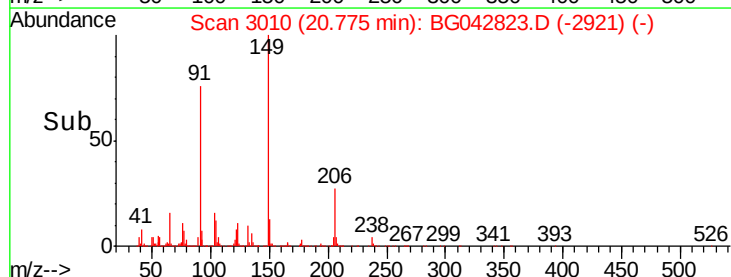
206 26.5 20.6 30.8

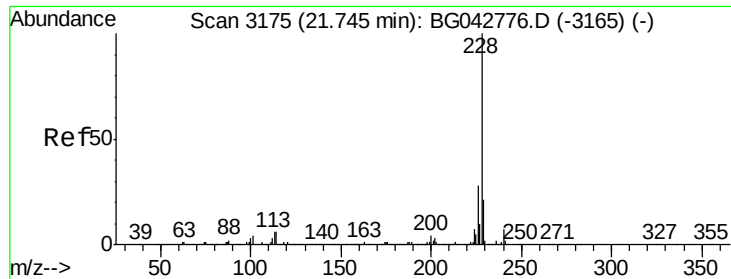


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





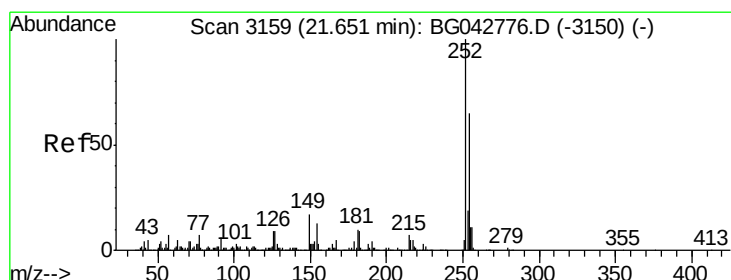
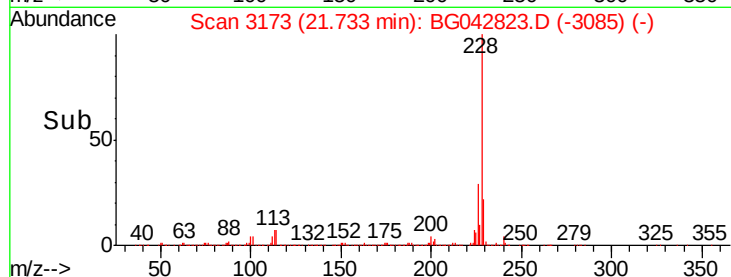
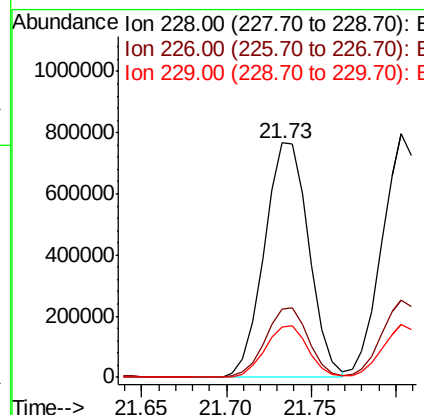
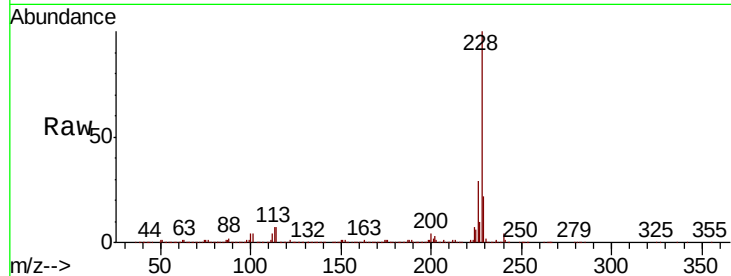
#81
Benzo(a)anthracene
Concen: 42.518 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	29.2	22.5	33.7	
229	21.6	17.2	25.8	

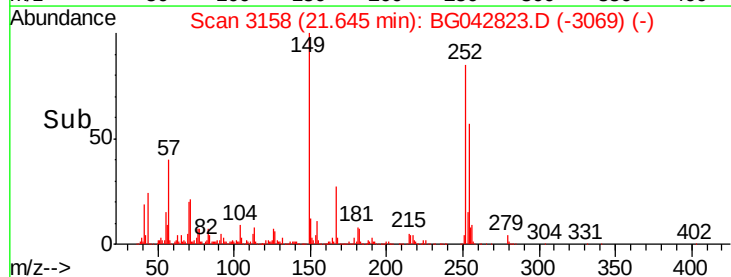
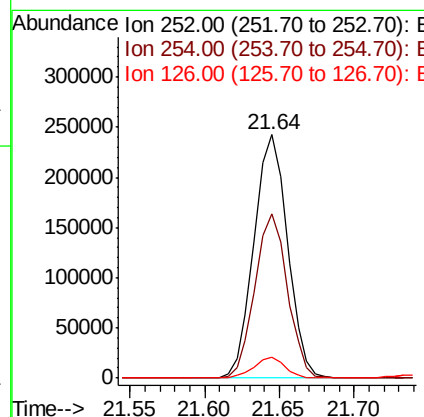
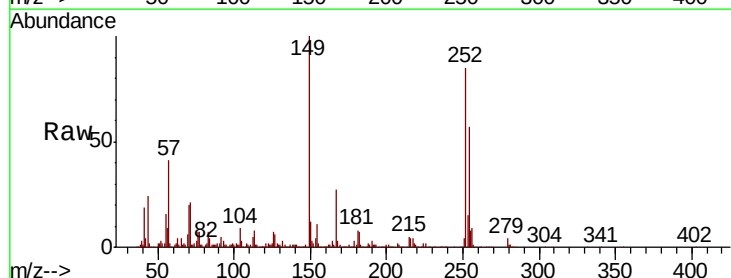
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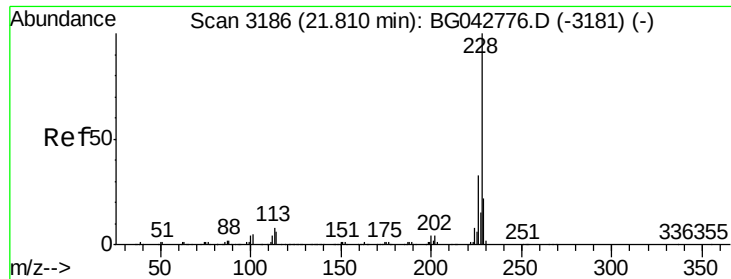
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 29.469 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
254	67.5	52.2	78.2	
126	8.5	7.0	10.4	





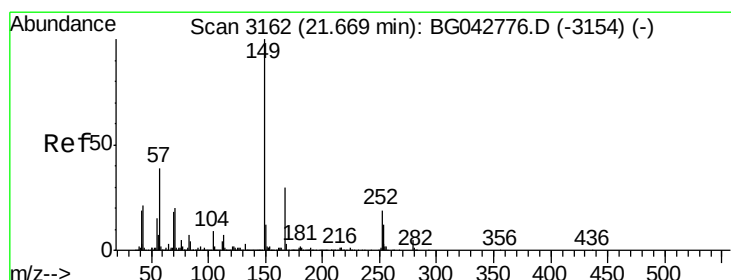
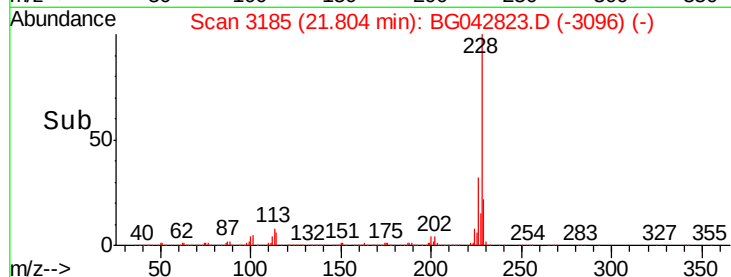
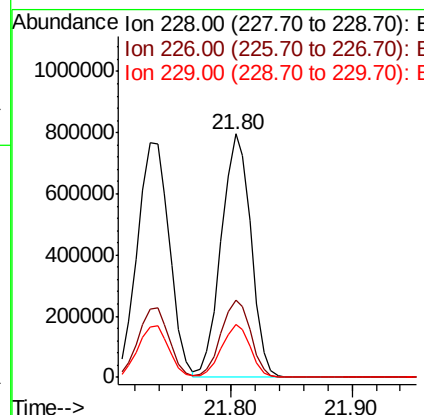
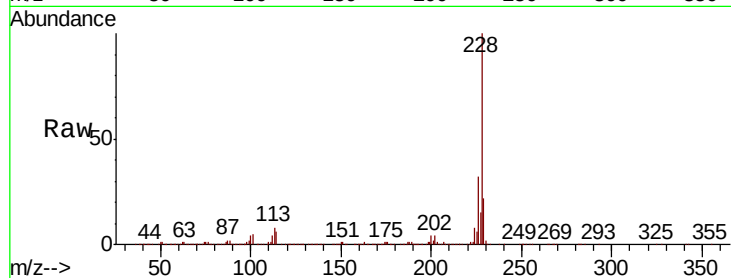
#83
 Chrysene
 Concen: 43.106 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :
 SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	26.0	39.0
229	21.5	17.1	25.7

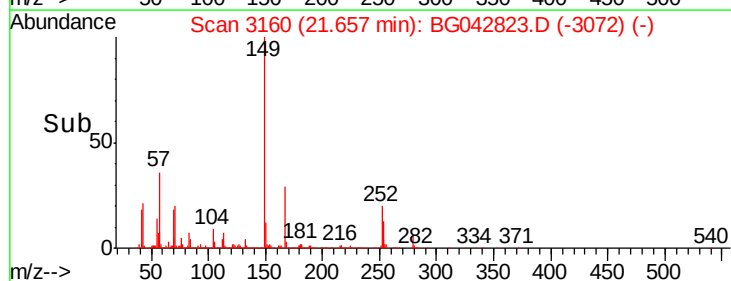
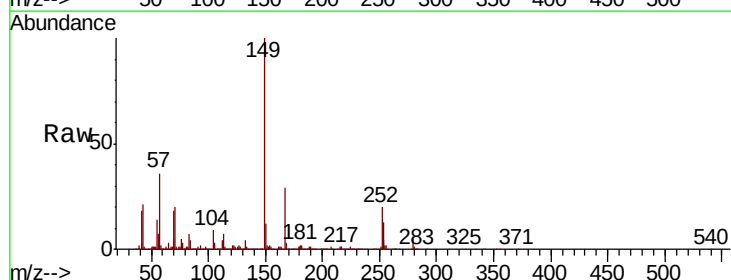
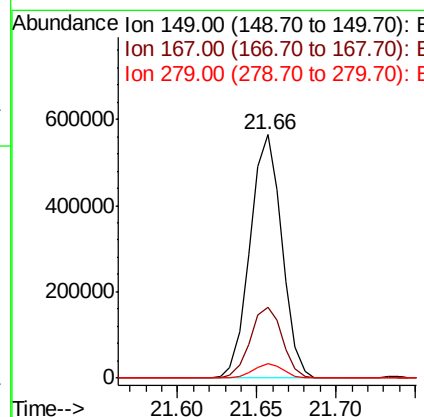
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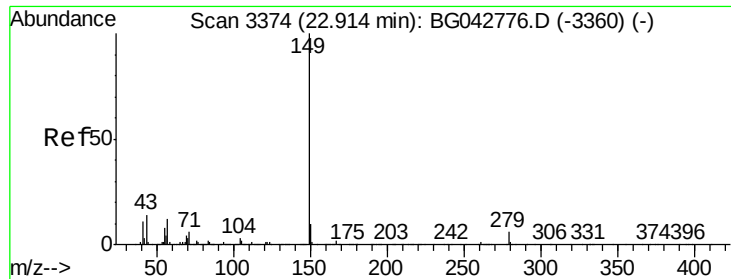
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.817 ng
 RT: 21.66 min Scan# 3160
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.3	36.5
279	6.0	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 43.945 ng

RT: 22.89 min Scan# 3370

Delta R.T. -0.02 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

SB-23-COMPMS

Tot Ion:149 Resp: 1344367

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

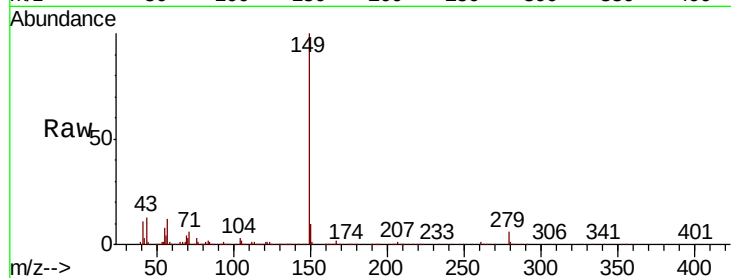
43 13.1 10.6 15.8

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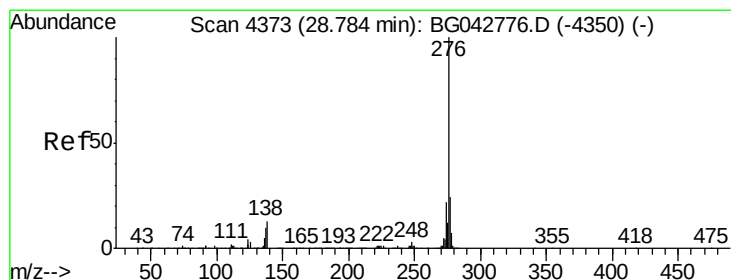
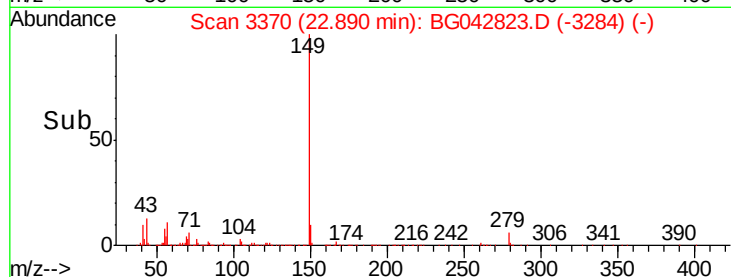
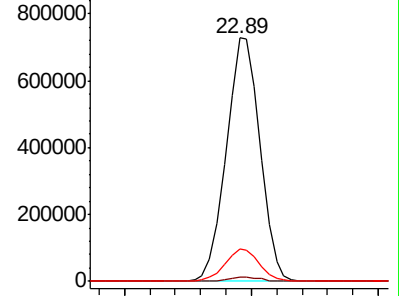
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 43.421 ng

RT: 28.76 min Scan# 4369

Delta R.T. -0.02 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

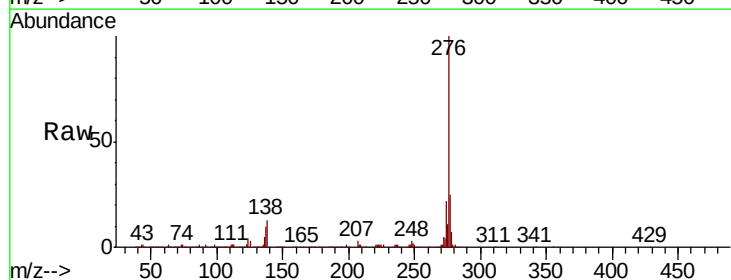
Tgt Ion:276 Resp: 1678615

Ion Ratio Lower Upper

276 100

138 11.9 9.3 13.9

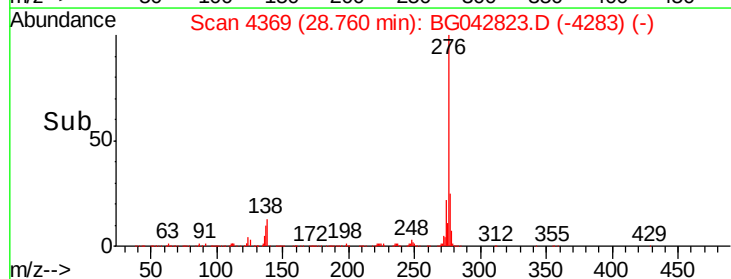
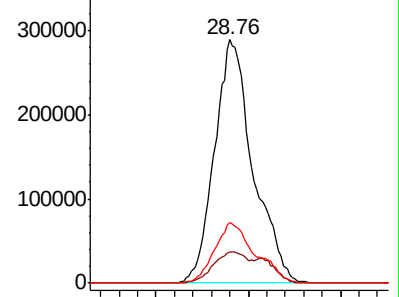
277 26.2 17.2 25.8#

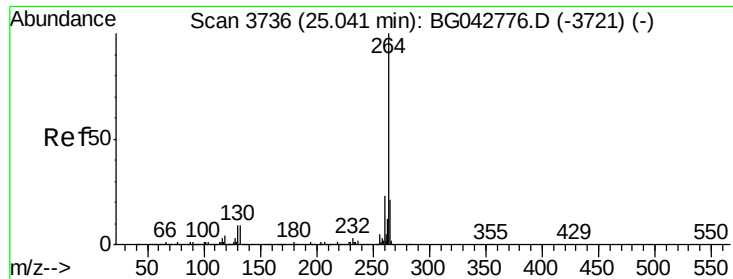


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

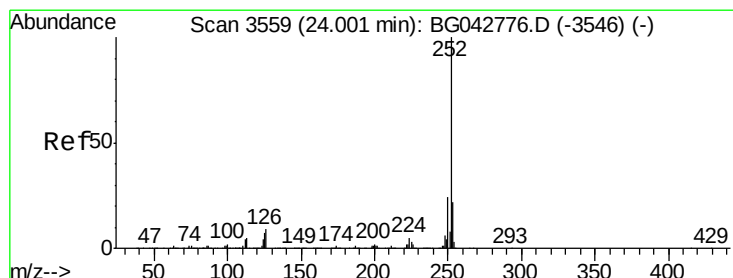
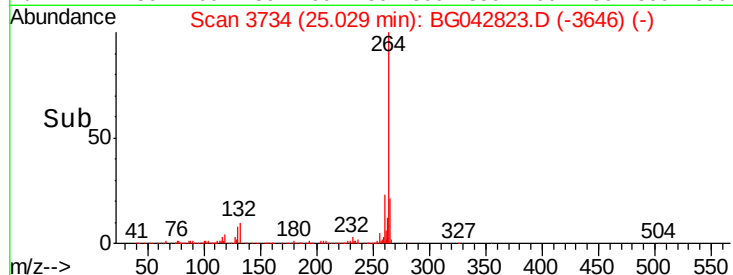
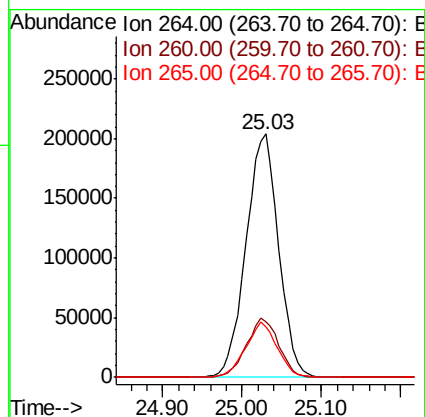
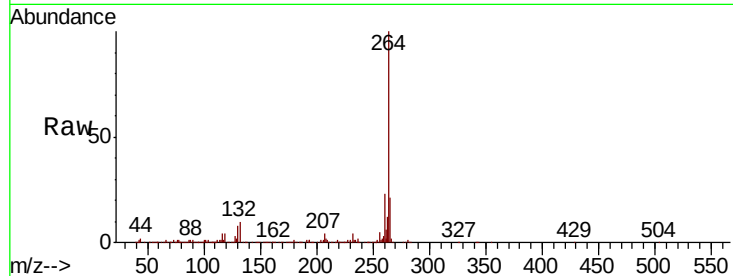
ClientSampled :

SB-23-COMPMS

Tot Ion:	264	Resp:	582842
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.2	27.2
265	20.9	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 43.048 ng

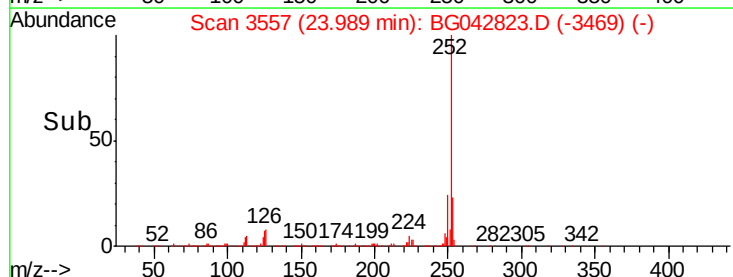
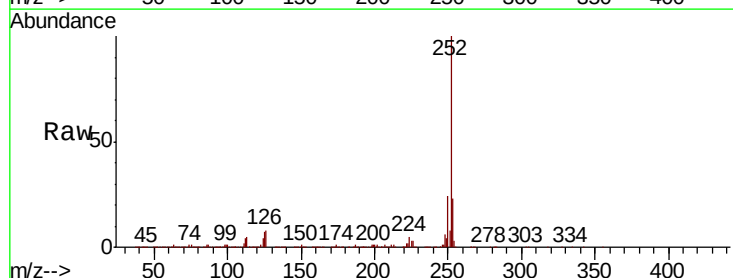
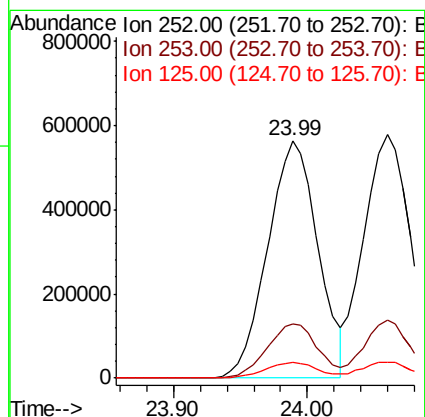
RT: 23.99 min Scan# 3557

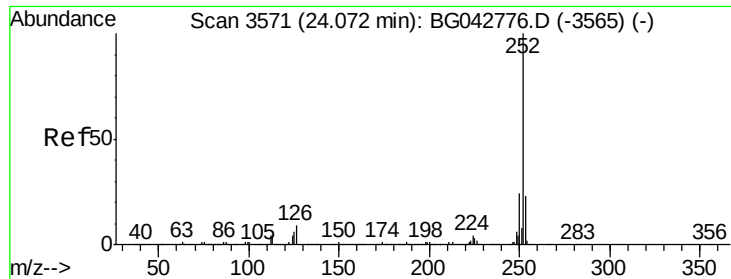
Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Tgt Ion:	252	Resp:	1473242
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.9	26.9
125	6.9	5.6	8.4





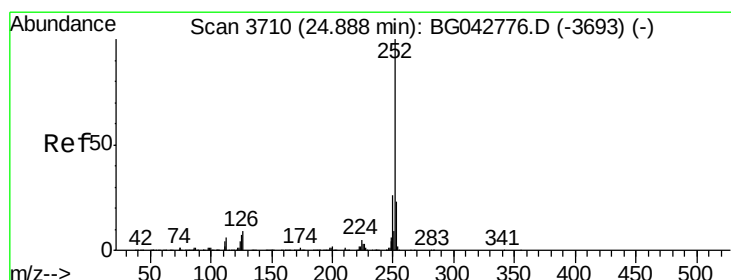
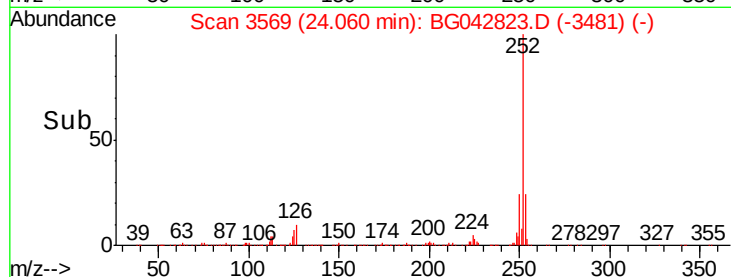
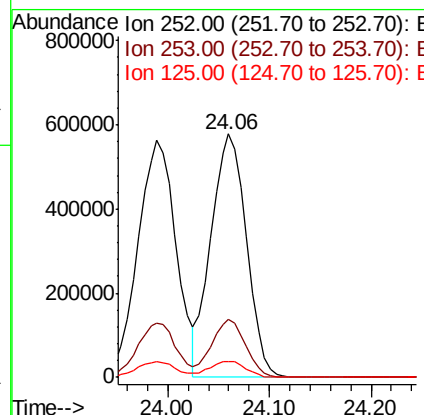
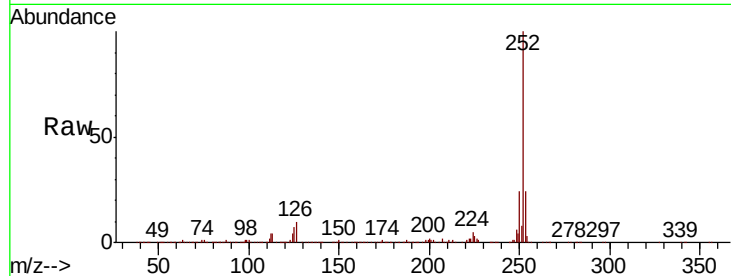
#89
Benzo(k)fluoranthene
Concen: 43.290 ng
RT: 24.06 min Scan# 3569
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	6.7	5.3	7.9

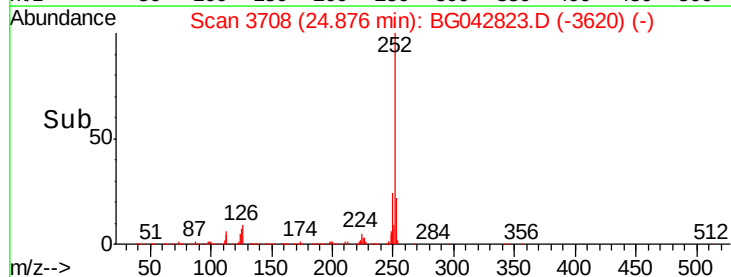
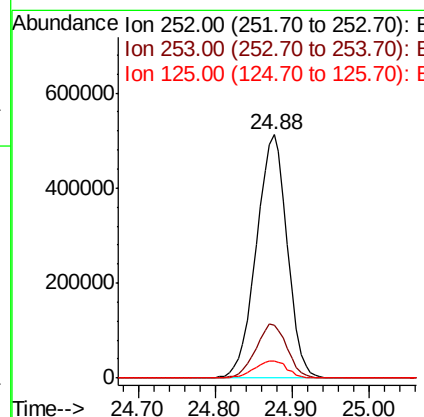
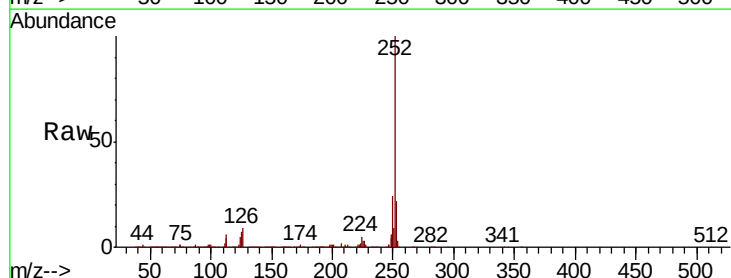
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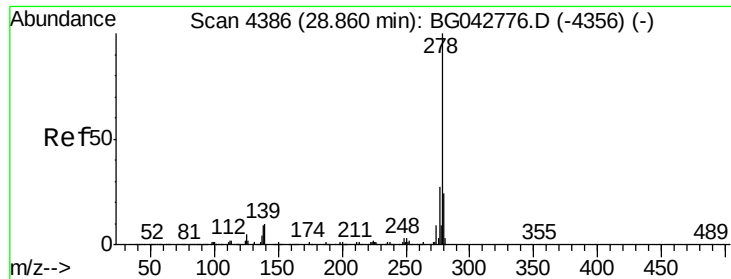
mohammad
9/17/2019 9:20:35 AM



#90
Benzo(a)pyrene
Concen: 44.778 ng
RT: 24.88 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	6.8	5.7	8.5





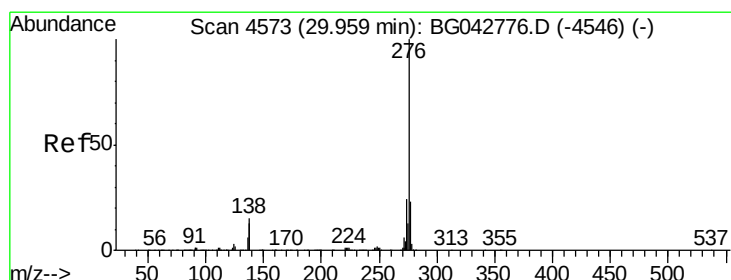
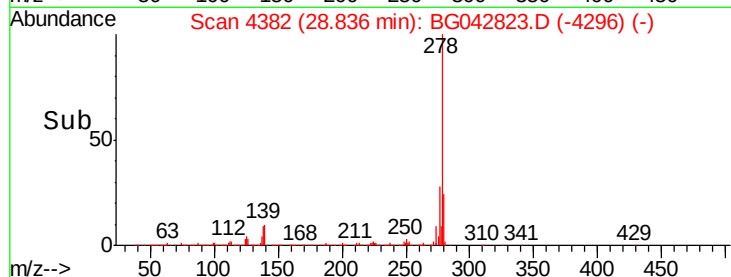
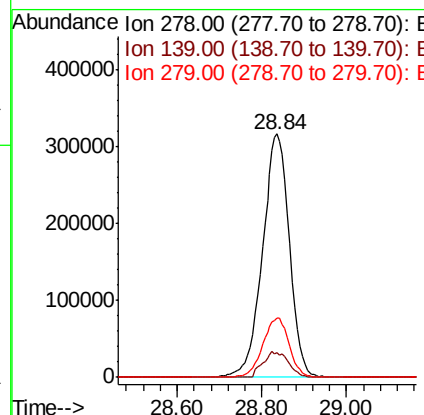
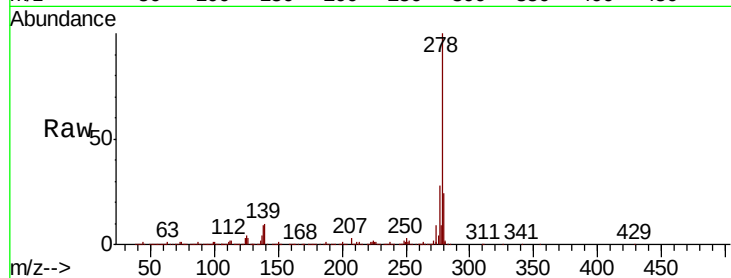
#91
Dibenzo(a,h)anthracene
Concen: 44.253 ng
RT: 28.84 min Scan# 4382
Delta R.T. -0.02 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.4	8.2	12.2
279	24.4	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/17/2019 9:20:35 AM



#92
Benzo(g,h,i)perylene
Concen: 44.689 ng
RT: 29.94 min Scan# 4569
Delta R.T. -0.02 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	13.5	11.8	17.8

