

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042789.D
 Acq On : 12 Sep 2019 19:34
 Operator : HP/JU
 Sample : K4852-10MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GIS-4(0-4)MS

Manual Integrations
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mohammad
 9/16/2019 9:03:30 AM

Quant Time: Sep 13 08:00:56 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	80710	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	312414	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	214597	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	495139	20.00	ng	0.00
76) Chrysene-d12	21.76	240	497211	20.00	ng	0.00
87) Perylene-d12	25.03	264	564177	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	472071	101.69	ng	0.00
7) Phenol-d6	7.27	99	679419	101.96	ng	0.00
23) Nitrobenzene-d5	9.28	82	399996	66.66	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	275179	96.38	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	874047	64.47	ng	0.00
79) Terphenyl-d14	20.09	244	1499218	66.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	77412	36.538	ng	96
3) Pyridine	3.98	79	213085	33.404	ng	97
4) n-Nitrosodimethylamine	3.89	42	140217	45.173	ng	95
6) Aniline	7.44	93	351001	39.043	ng	99
8) 2-Chlorophenol	7.68	128	239982	47.823	ng	96
9) Benzaldehyde	7.25	77	173115	39.924	ng	98
10) Phenol	7.30	94	340887	49.885	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	228021	43.478	ng	91
12) 1,3-Dichlorobenzene	8.01	146	256016	41.828	ng	96
13) 1,4-Dichlorobenzene	8.16	146	256257	41.819	ng	99
14) 1,2-Dichlorobenzene	8.48	146	240306	41.197	ng	98
15) Benzyl Alcohol	8.35	79	264231	46.207	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.65	45	500648	43.471	ng	98
17) 2-Methylphenol	8.55	107	216852	47.433	ng	97
18) Hexachloroethane	9.21	117	93926	41.518	ng	96
19) n-Nitroso-di-n-propylamine	8.93	70	212432	43.265	ng	98
20) 3+4-Methylphenols	8.88	107	292569	46.425	ng	99
22) Acetophenone	8.94	105	369034	46.772	ng	98
24) Nitrobenzene	9.32	77	299970	47.624	ng	99
25) Isophorone	9.85	82	582437	46.565	ng	97
26) 2-Nitrophenol	10.03	139	122806	49.582	ng	94
27) 2,4-Dimethylphenol	10.09	122	241920	55.217	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	319439	45.795	ng	99
29) 2,4-Dichlorophenol	10.57	162	250308	49.164	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	271595	43.693	ng	96
31) Naphthalene	10.98	128	717180	46.495	ng	99
32) Benzoic acid	10.22	122	169655	47.891	ng	91
33) 4-Chloroaniline	11.07	127	211160	29.289	ng	96
34) Hexachlorobutadiene	11.27	225	187339	43.015	ng	96
35) Caprolactam	11.84	113	91818m	48.497	ng	
36) 4-Chloro-3-methylphenol	12.19	107	277245	50.153	ng	96
37) 2-Methylnaphthalene	12.58	142	539450	46.687	ng	99
38) 1-Methylnaphthalene	12.79	142	500256	46.161	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	332679	46.914	ng	99

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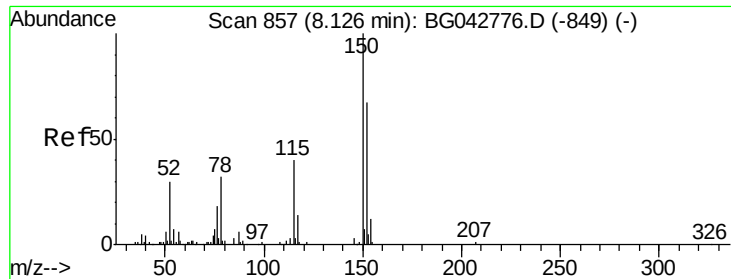
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	409988	100.923	nq	96
43) 2,4,6-Trichlorophenol	13.17	196	224377	47.527	nq	97
44) 2,4,5-Trichlorophenol	13.24	196	248062	51.298	nq	98
46) 1,1'-Biphenyl	13.58	154	719191	47.872	nq	98
47) 2-Chloronaphthalene	13.62	162	562046	45.226	nq	99
48) 2-Nitroaniline	13.81	65	203593	47.225	nq	98
49) Acenaphthylene	14.46	152	908426	47.834	nq	97
50) Dimethylphthalate	14.19	163	816327	50.779	nq	98
51) 2,6-Dinitrotoluene	14.30	165	166159	50.372	nq	97
52) Acenaphthene	14.80	154	622259	50.154	nq	100
53) 3-Nitroaniline	14.63	138	130704	35.305	nq	97
54) 2,4-Dinitrophenol	14.83	184	157498	96.989	nq	# 73
55) Dibenzofuran	15.14	168	879446	47.688	nq	99
56) 4-Nitrophenol	14.93	139	286394	100.052	nq	97
57) 2,4-Dinitrotoluene	15.09	165	216975	49.348	nq	# 95
58) Fluorene	15.79	166	718679	47.022	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	237607	50.688	nq	99
60) Diethylphthalate	15.56	149	740651	45.387	nq	98
61) 4-Chlorophenyl-phenylether	15.78	204	410455	45.421	nq	97
62) 4-Nitroaniline	15.79	138	181338	45.442	nq	95
63) Azobenzene	16.07	77	746273	47.491	nq	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	118280	55.829	nq	94
66) n-Nitrosodiphenylamine	15.99	169	654255	49.104	nq	100
67) 4-Bromophenyl-phenylether	16.67	248	275680	46.000	nq	98
68) Hexachlorobenzene	16.79	284	287218	44.852	nq	97
69) Atrazine	16.93	200	254118	54.769	nq	98
70) Pentachlorophenol	17.13	266	400032	105.303	nq	94
71) Phenanthrene	17.52	178	1144501	48.333	nq	98
72) Anthracene	17.62	178	1171730	49.530	nq	99
73) Carbazole	17.88	167	1100559	48.946	nq	96
74) Di-n-butylphthalate	18.45	149	1262665	46.878	nq	98
75) Fluoranthene	19.53	202	1518227	49.471	nq	99
77) Benzidine	19.70	184	802405	57.762	nq	98
78) Pyrene	19.89	202	1514702	48.659	nq	99
80) Butylbenzylphthalate	20.78	149	596263	47.330	nq	99
81) Benzo(a)anthracene	21.74	228	1489261	47.108	nq	96
82) 3,3'-Dichlorobenzidine	21.65	252	422459	34.387	nq	100
83) Chrysene	21.81	228	1419777	47.413	nq	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	824412	47.893	nq	99
85) Di-n-octyl phthalate	22.91	149	1424633	48.548	nq	100
86) Indeno(1,2,3-cd)pyrene	28.78	276	1822817	49.155	nq	# 93
88) Benzo(b)fluoranthene	24.00	252	1588885	47.963	nq	96
89) Benzo(k)fluoranthene	24.07	252	1514692	48.404	nq	99
90) Benzo(a)pyrene	24.89	252	1548483	49.920	nq	99
91) Dibenzo(a,h)anthracene	28.85	278	1496768	49.060	nq	98
92) Benzo(g,h,i)perylene	29.96	276	1491540	50.122	nq	98

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



#1

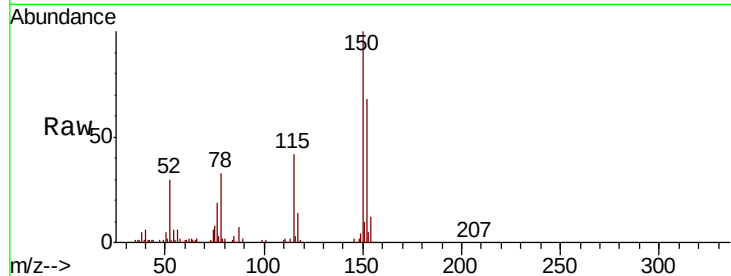
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.0	118.9	178.3
115	60.7	47.4	71.2

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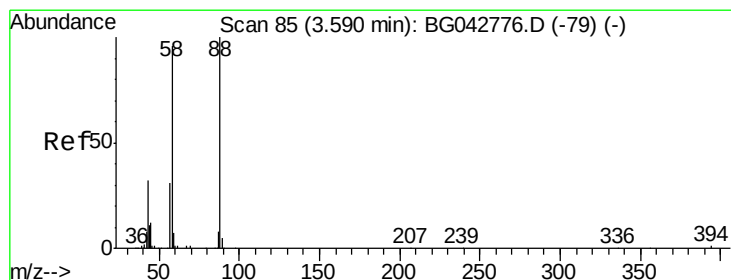
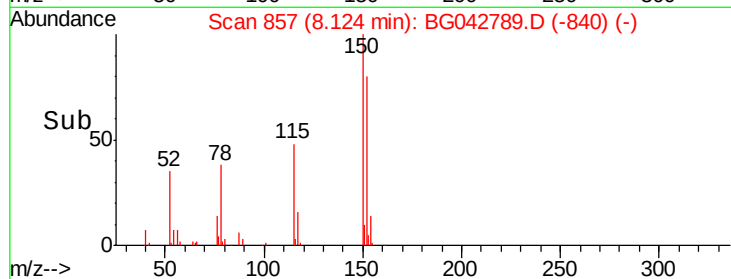
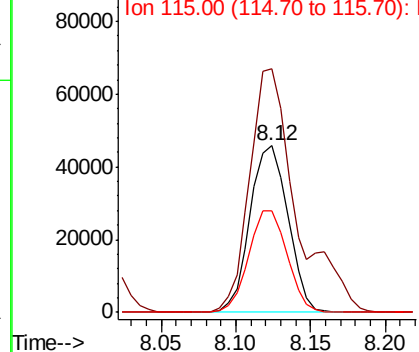


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

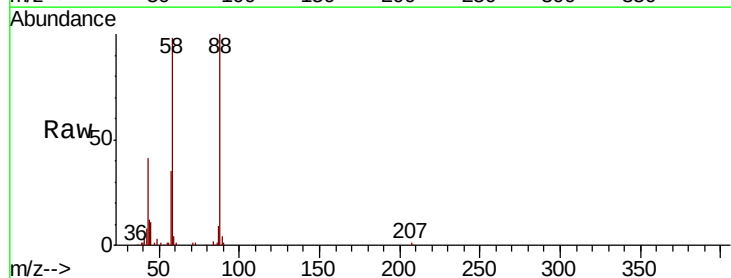
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.538 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.0	79.1	118.7
43	42.5	30.4	45.6

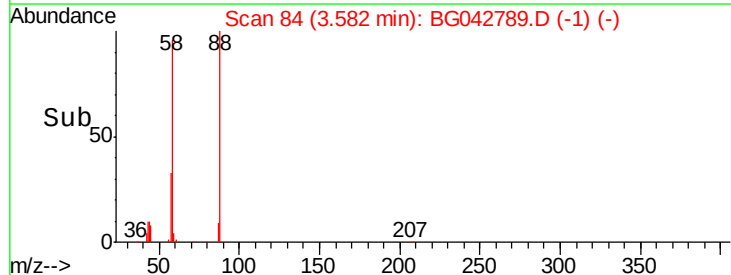
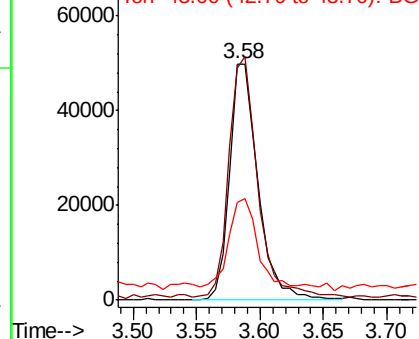


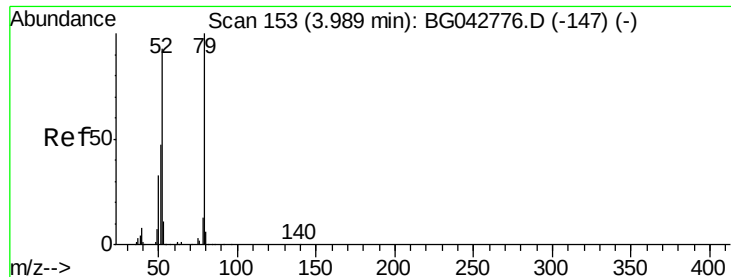
Abundance

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: 33.404 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

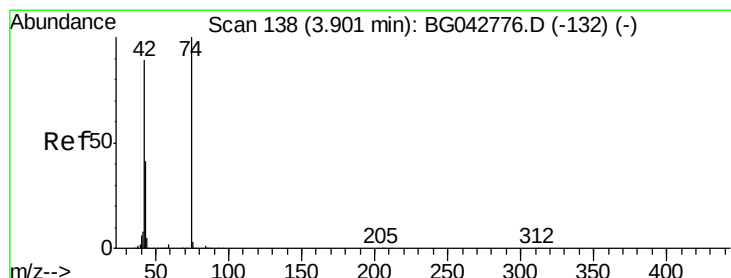
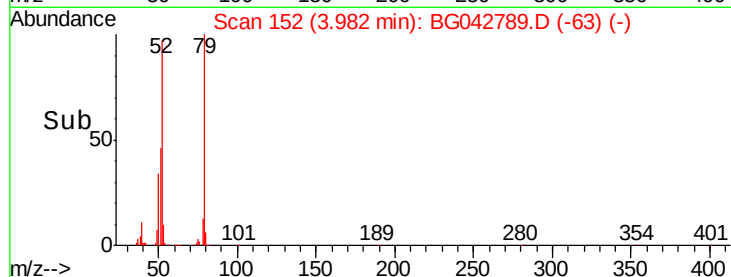
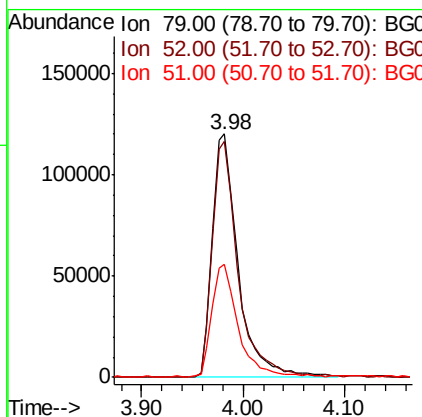
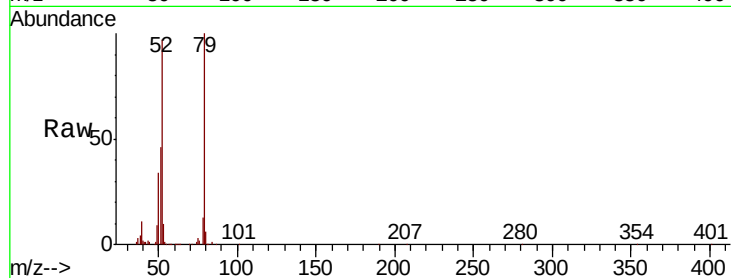
ClientSampleId :

GIS-4(0-4)MS

Tot Ion:	79	Resp:	213085
Ion	Ratio	Lower	Upper
79	100		
52	97.1	74.0	111.0
51	46.5	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 45.173 ng

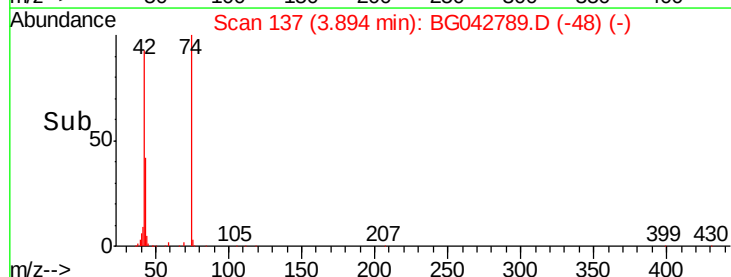
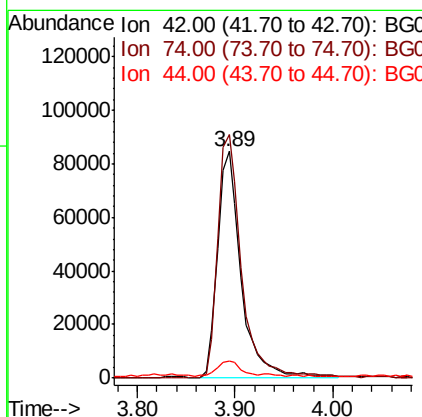
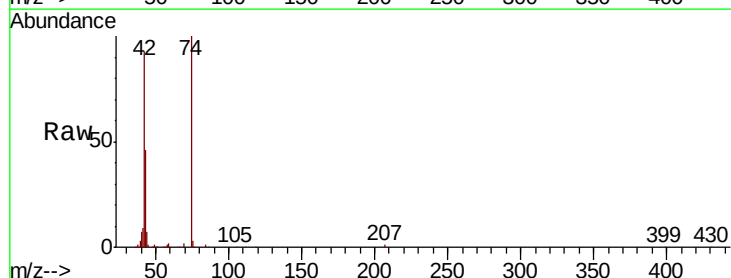
RT: 3.89 min Scan# 137

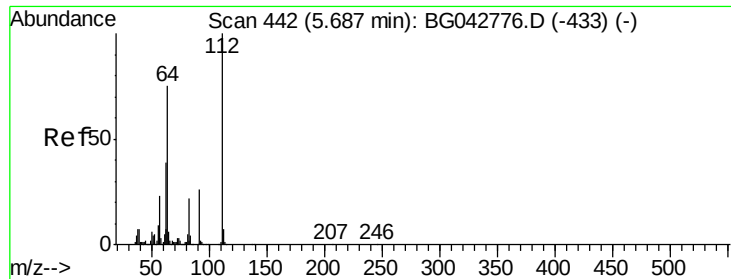
Delta R.T. -0.01 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Tgt Ion:	42	Resp:	140217
Ion	Ratio	Lower	Upper
42	100		
74	107.4	90.2	135.2
44	7.5	6.6	9.8





#5

2-Fluorophenol

Concen: 101.687 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

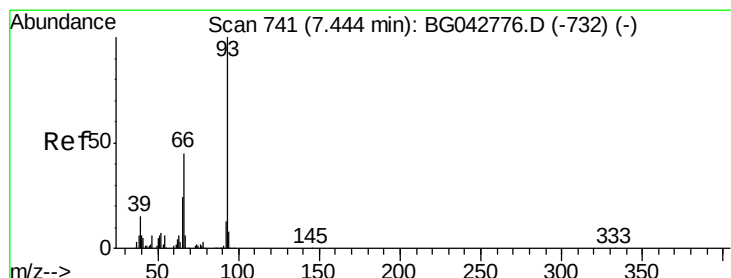
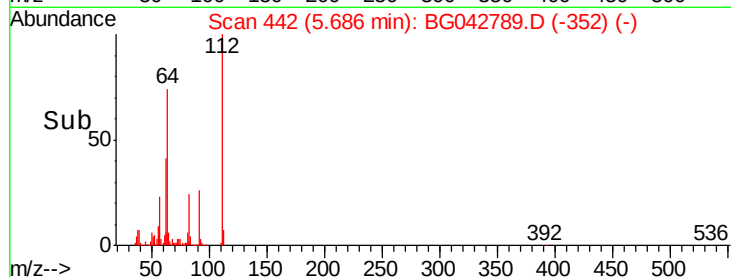
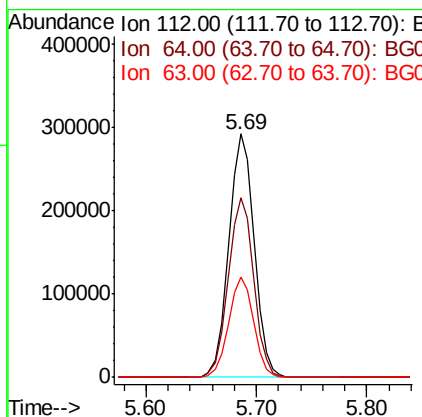
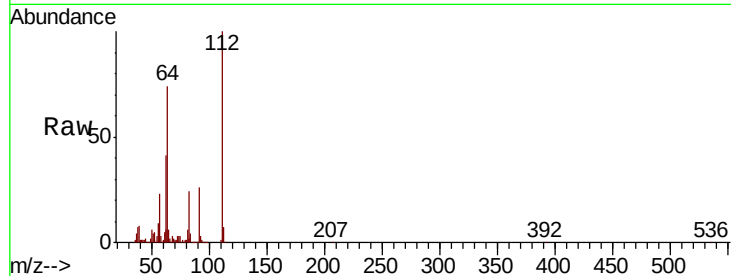
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Tot Ion:	112	Resp:	472071
Ion Ratio	Lower	Upper	
112	100		
64	73.7	60.2	90.2
63	41.2	31.2	46.8

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#6

Aniline

Concen: 39.043 ng

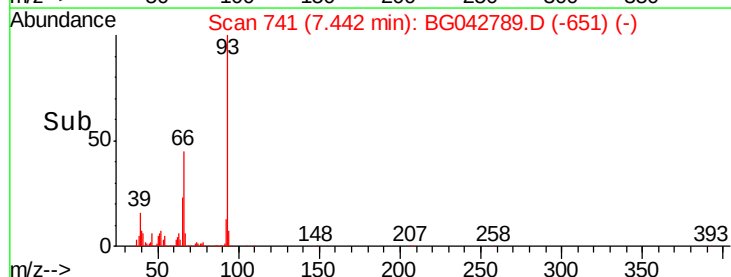
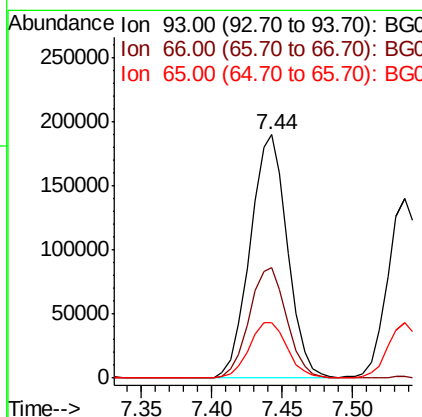
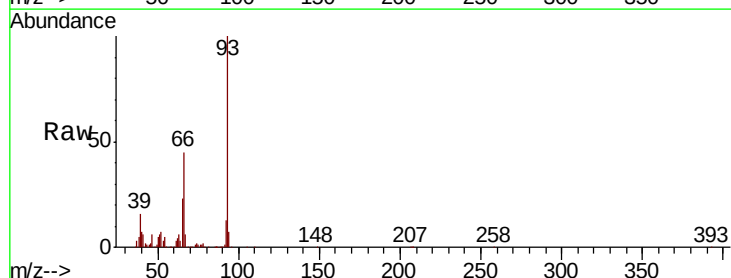
RT: 7.44 min Scan# 741

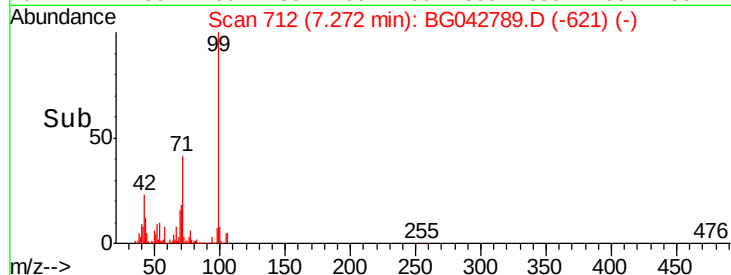
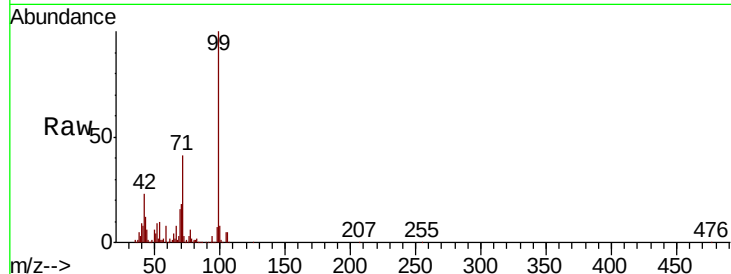
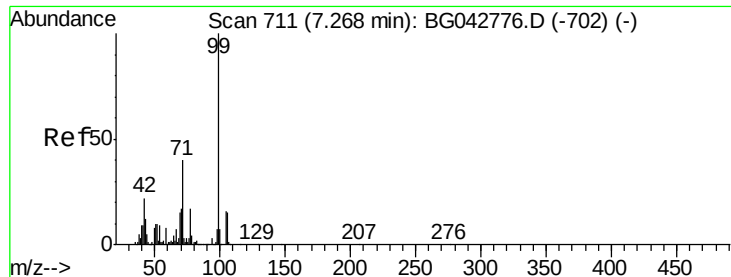
Delta R.T. -0.00 min

Lab File: BG042789.D

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Tgt Ion:	93	Resp:	351001
Ion Ratio	Lower	Upper	
93	100		
66	45.3	36.3	54.5
65	22.7	19.3	28.9





#7

Phenol-d6

Concen: 101.963 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Tot Ion:	99	Resp:	679419
Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.5	26.3
71	41.0	32.0	48.0

Instrument :

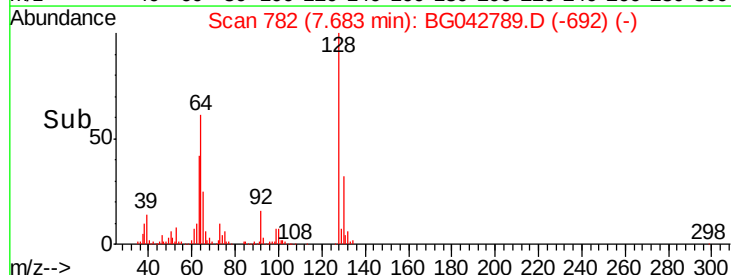
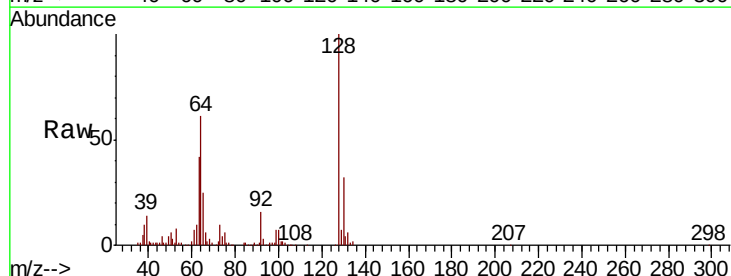
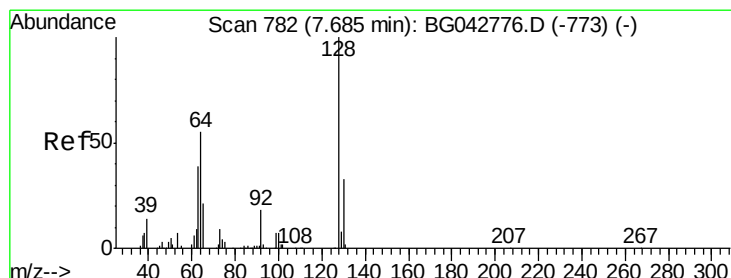
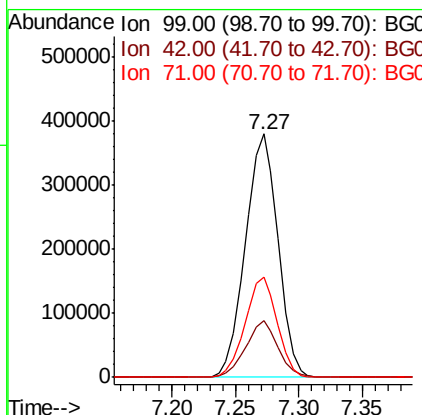
BNA_G

ClientSampleId :

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#8

2-Chlorophenol

Concen: 47.823 ng

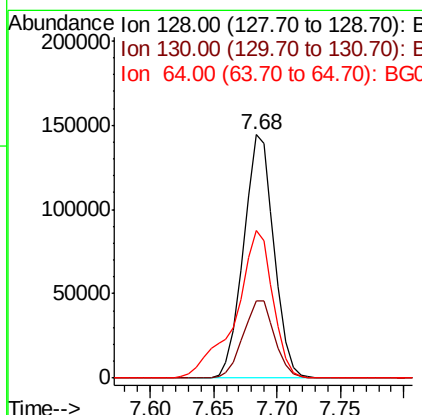
RT: 7.68 min Scan# 782

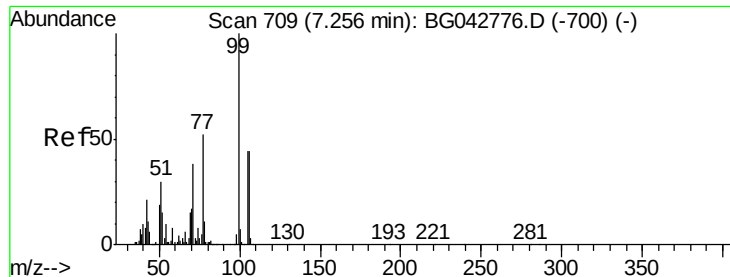
Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Tgt Ion:	128	Resp:	239982
Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.8	52.8
64	60.8	36.8	76.8





#9

Benzaldehyde

Concen: 39.924 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

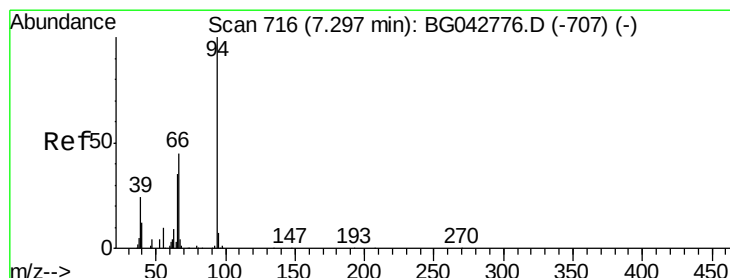
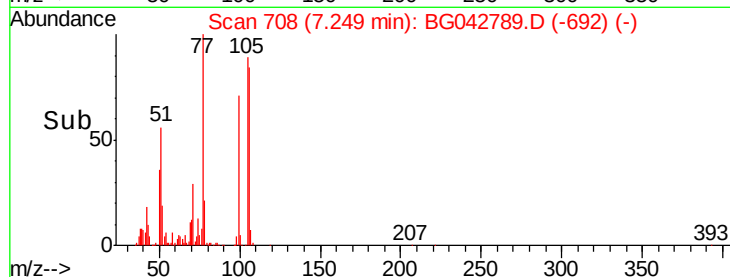
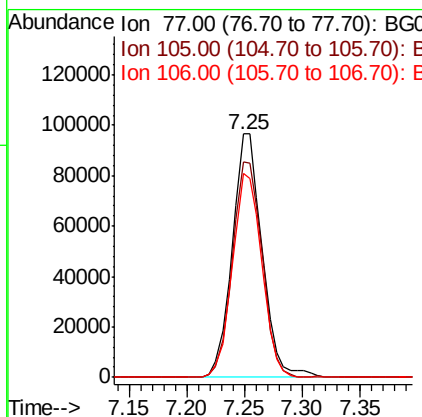
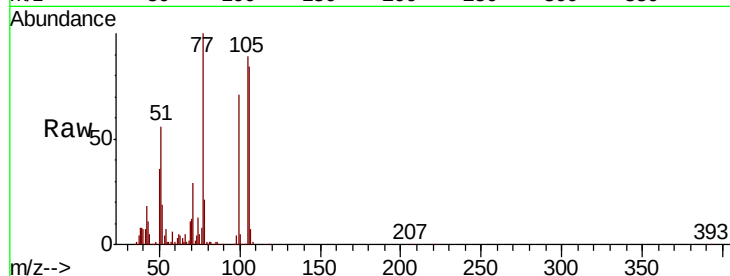
ClientSampleId :

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Tot Ion:	77	Resp:	173115
Ion Ratio	Lower	Upper	
77	100		
105	88.7	64.5	104.5
106	83.6	63.4	103.4

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#10

Phenol

Concen: 49.885 ng

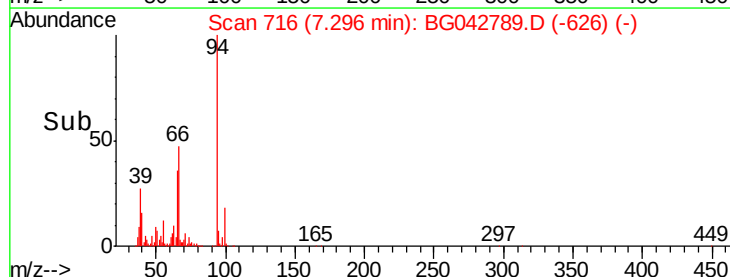
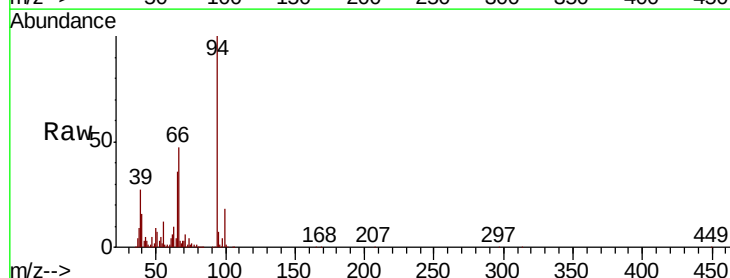
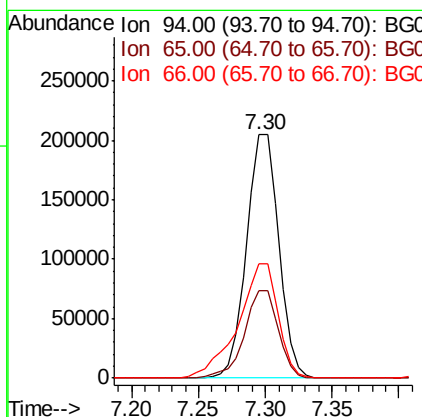
RT: 7.30 min Scan# 716

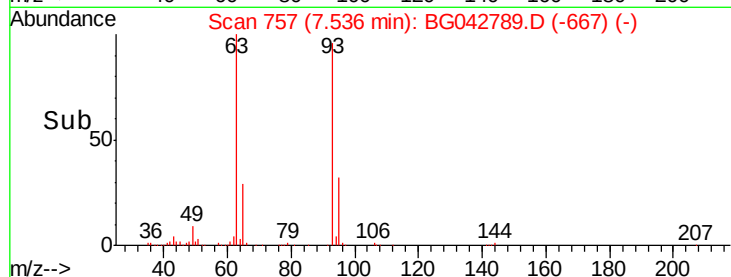
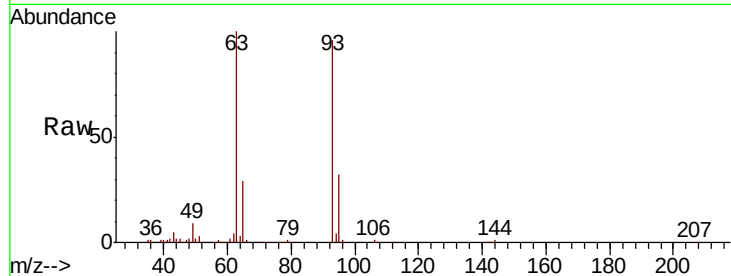
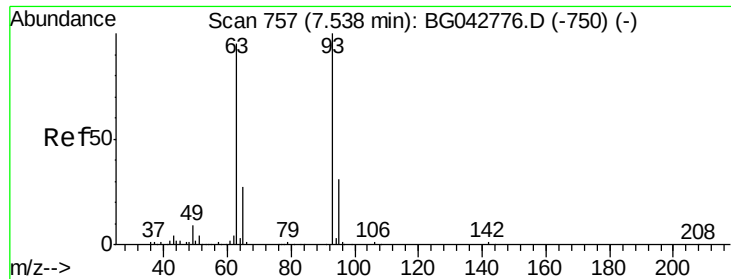
Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Tgt Ion:	94	Resp:	340887
Ion Ratio	Lower	Upper	
94	100		
65	36.0	15.0	55.0
66	46.9	26.1	66.1





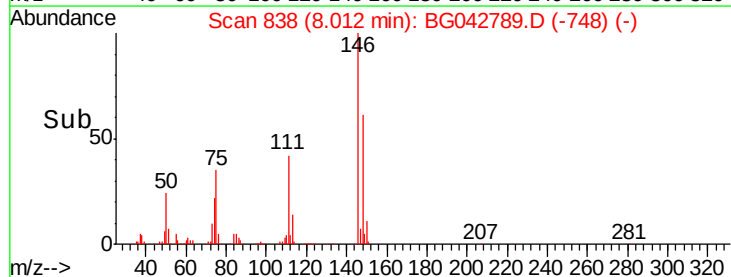
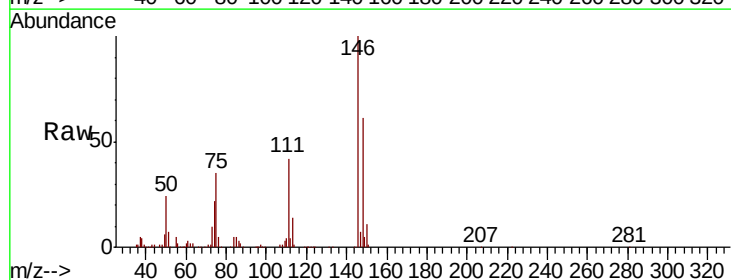
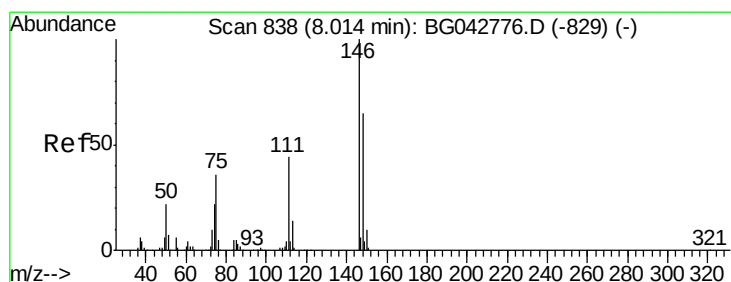
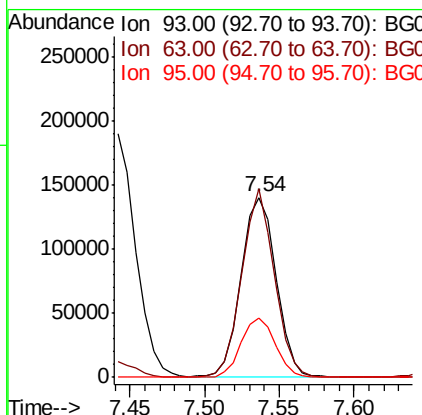
#11
bis(2-Chloroethyl)ether
Concen: 43.478 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tot Ion	Ratio	Lower	Upper
93	100		
63	104.5	74.7	114.7
95	33.2	11.1	51.1

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

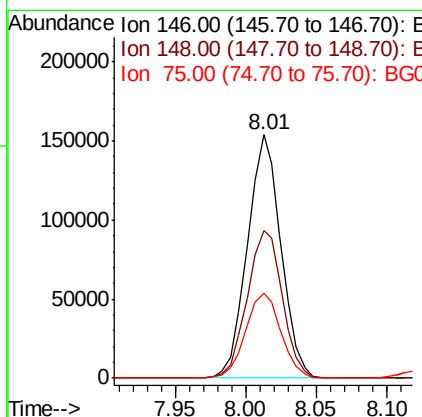
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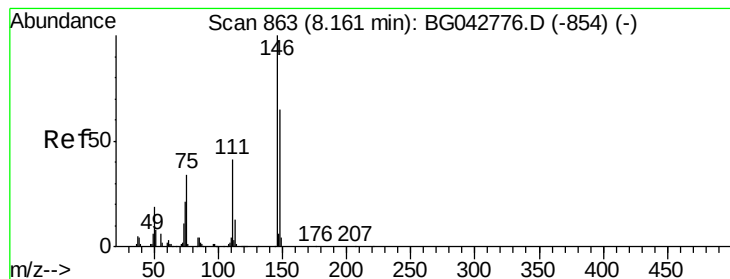
mohammad
9/16/2019 9:03:30 AM



#12
1,3-Dichlorobenzene
Concen: 41.828 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.8	51.9	77.9
75	34.7	28.4	42.6





#13

1,4-Dichlorobenzene

Concen: 41.819 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

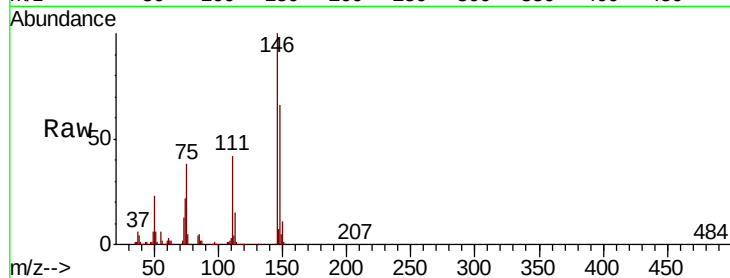
ClientSampleId :

GIS-4(0-4)MS

Tot Ion:	146	Resp:	256257
Ion Ratio	Lower	Upper	
146	100		
148	66.1	52.2	78.4
111	41.7	32.6	49.0

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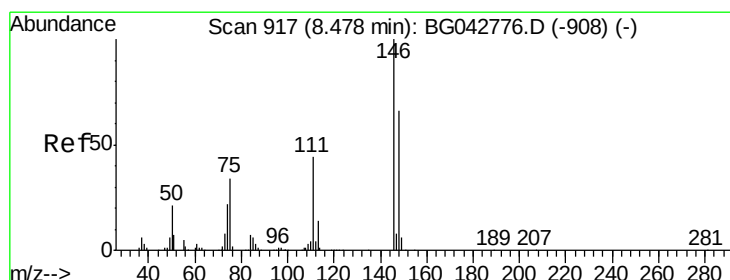
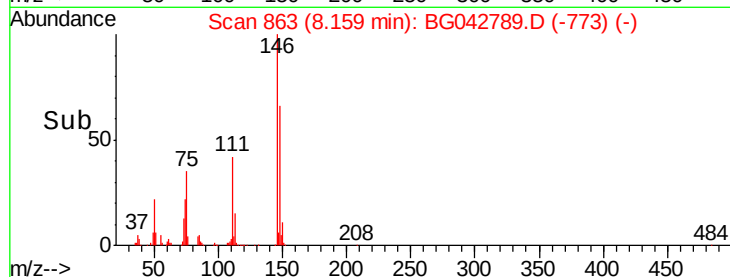
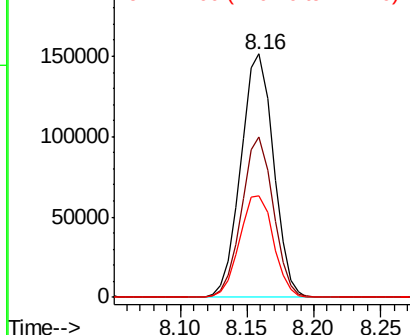


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.197 ng

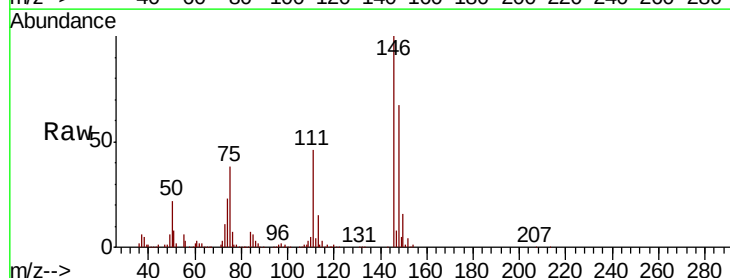
RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Tgt Ion:	146	Resp:	240306
Ion Ratio	Lower	Upper	
146	100		
148	66.9	52.6	78.8
111	45.8	35.3	52.9

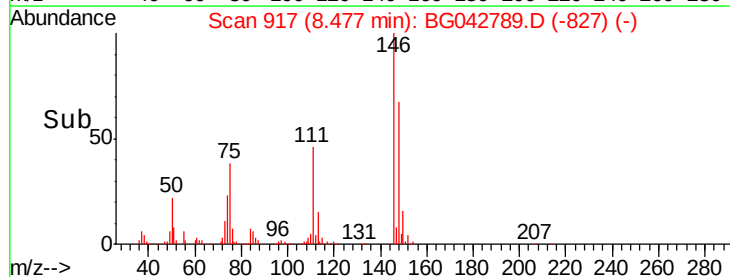
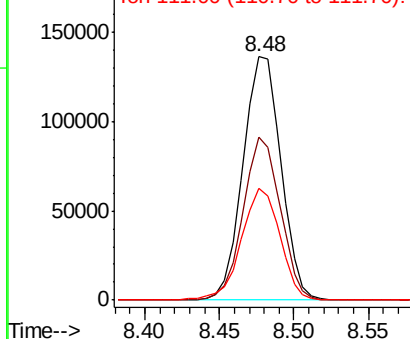


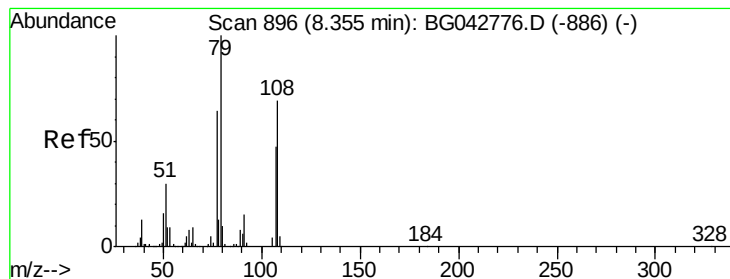
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.207 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

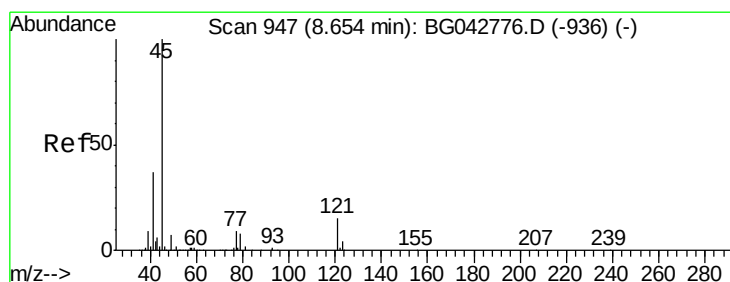
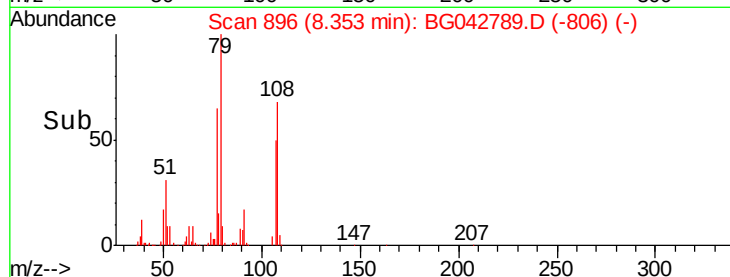
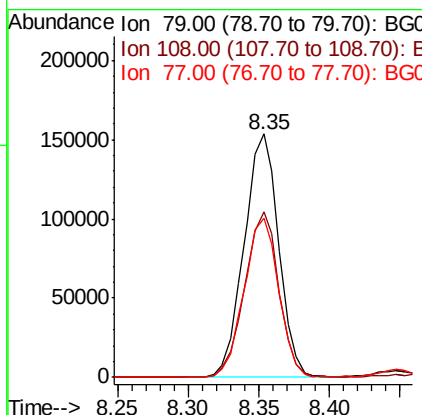
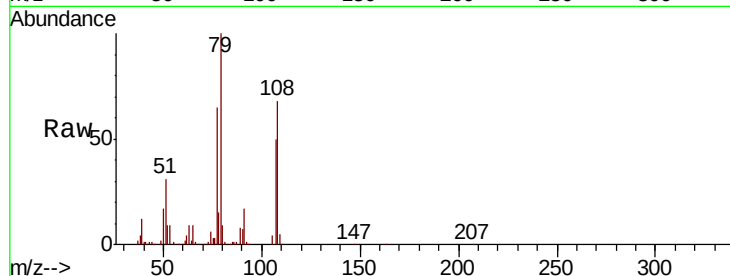
ClientSampleId :

GIS-4(0-4)MS

Tot Ion	79	Resp	264231
Ion	Ratio	Lower	Upper
79	100		
108	68.0	54.9	82.3
77	65.4	51.0	76.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.471 ng

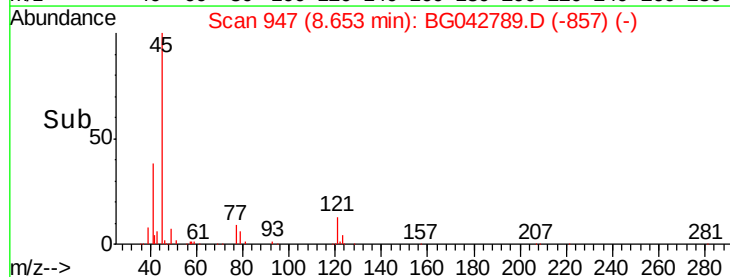
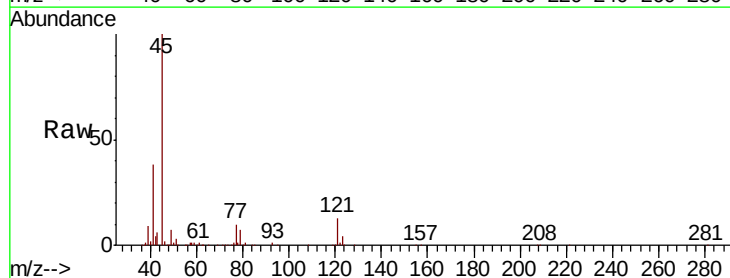
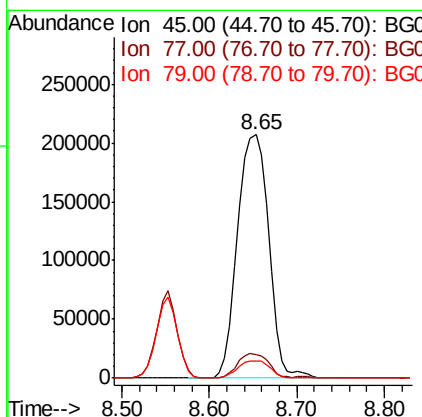
RT: 8.65 min Scan# 947

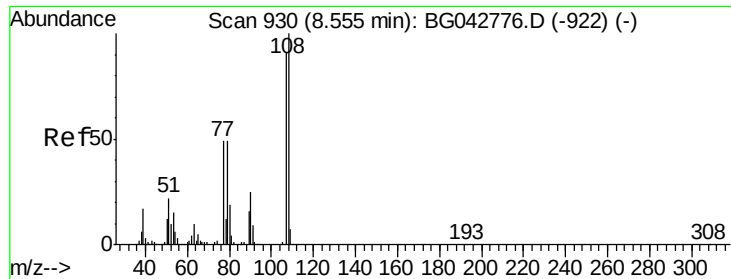
Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Tgt Ion	45	Resp	500648
Ion	Ratio	Lower	Upper
45	100		
77	9.8	0.0	29.4
79	7.2	0.0	28.4





#17

2-Methylphenol

Concen: 47.433 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

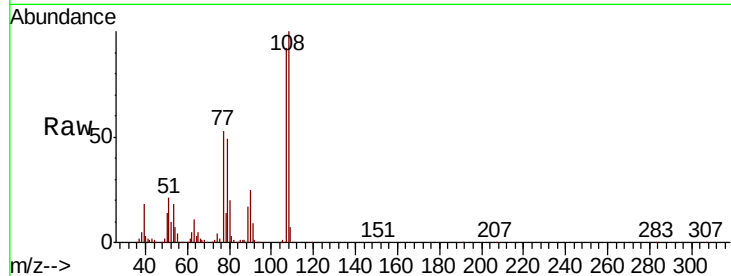
ClientSampleId :

GIS-4(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.1	87.7	131.5	
77	57.5	42.6	64.0	
79	53.0	43.4	65.2	

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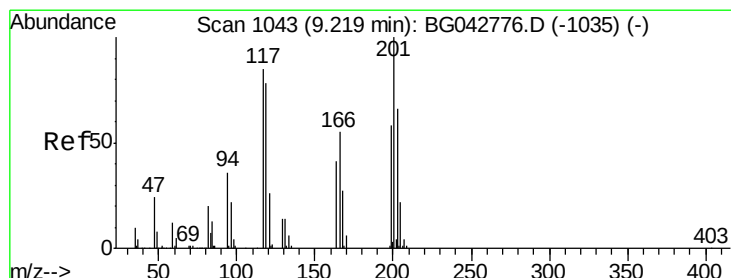
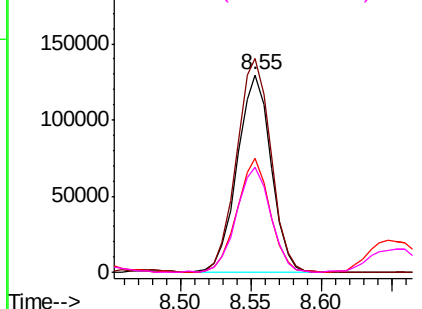
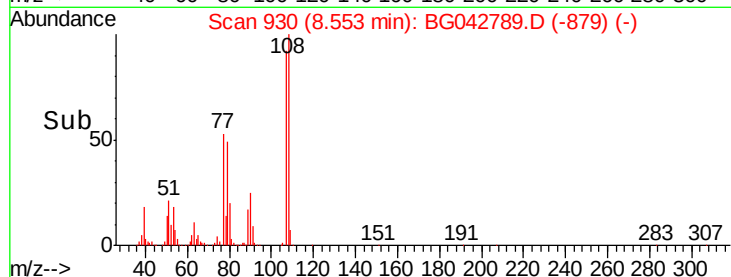
Abundance

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: 41.518 ng

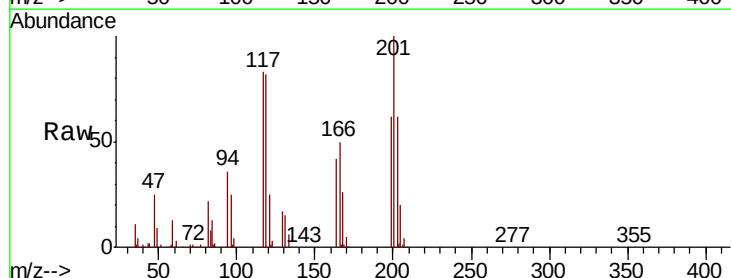
RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.0	73.8	110.8	
201	121.0	94.6	142.0	

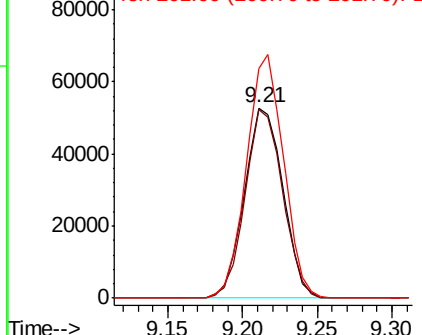
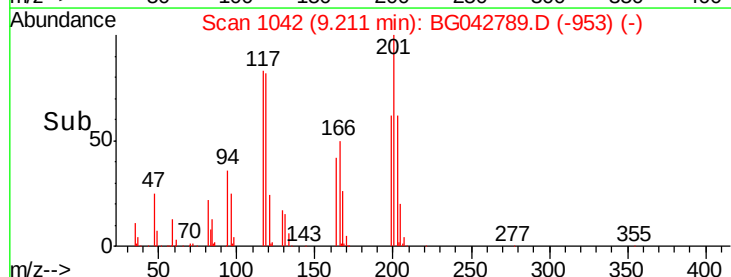


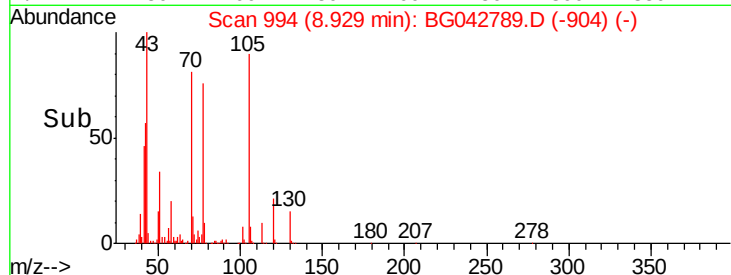
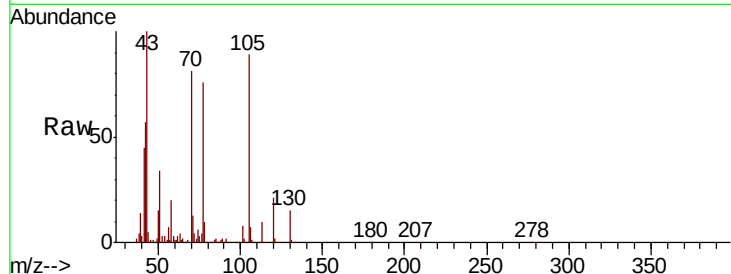
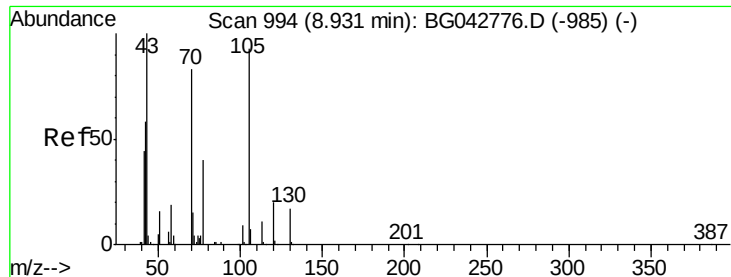
Abundance

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





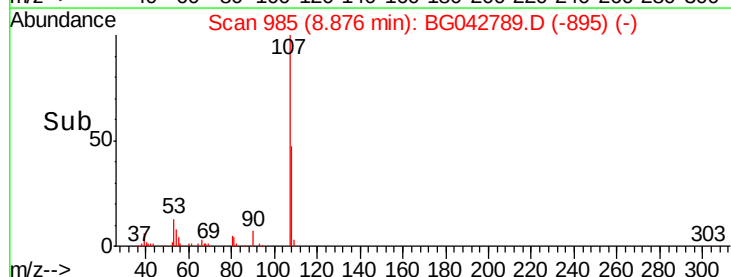
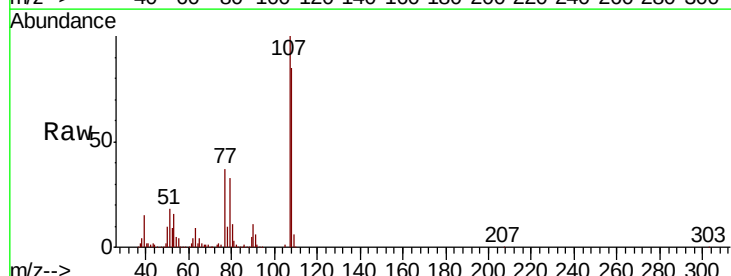
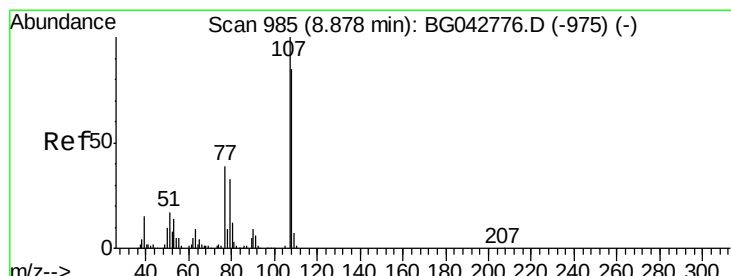
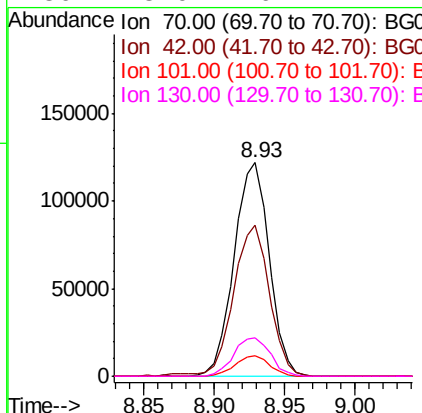
#19
n-Nitroso-di-n-propylamine
Concen: 43.265 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	70.7	57.0	85.6		
101	9.6	8.4	12.6		
130	18.0	16.1	24.1		

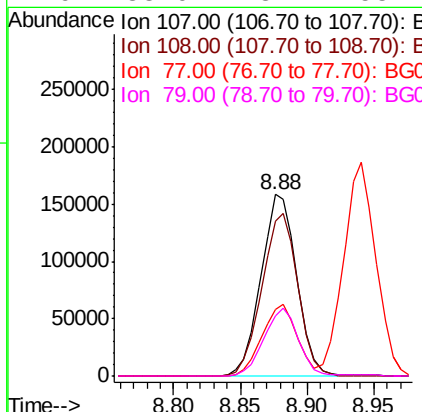
Manual Integrations
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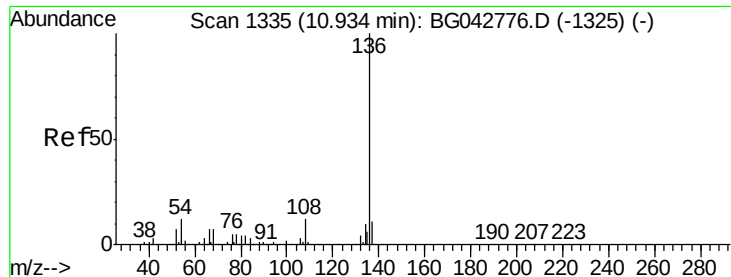
mohammad
9/16/2019 9:03:30 AM



#20
3+4-Methylphenols
Concen: 46.425 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.1	65.4	105.4		
77	37.0	18.7	58.7		
79	33.0	13.7	53.7		





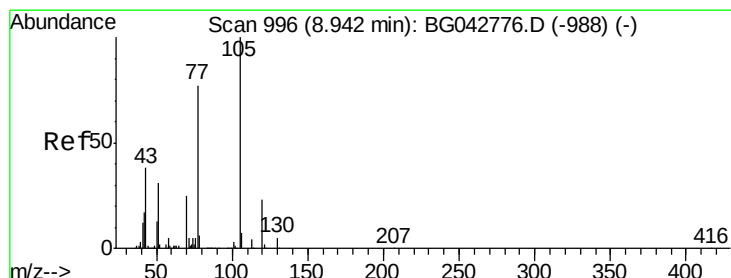
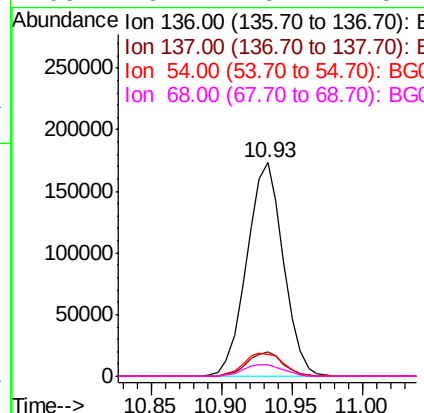
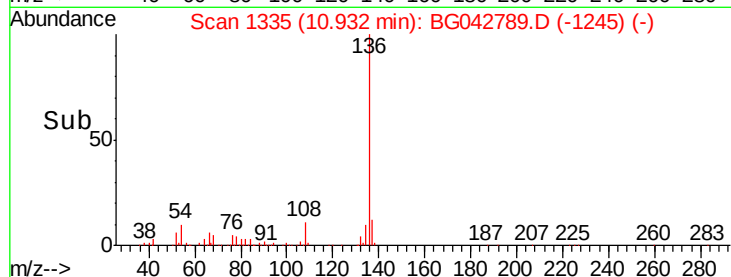
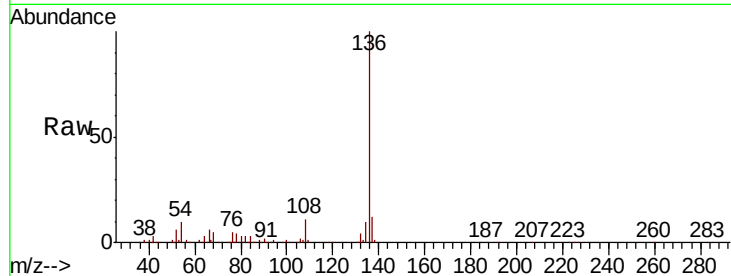
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	312414		
137	11.7	9.0	13.6	
54	10.1	9.4	14.0	
68	5.2	5.4	8.2#	

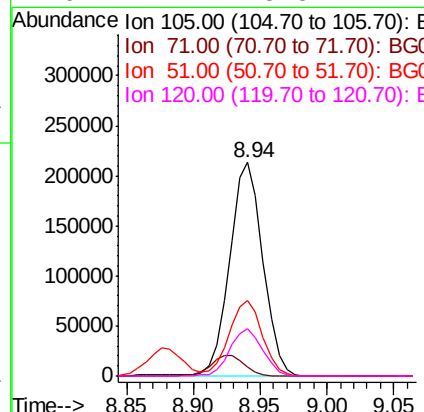
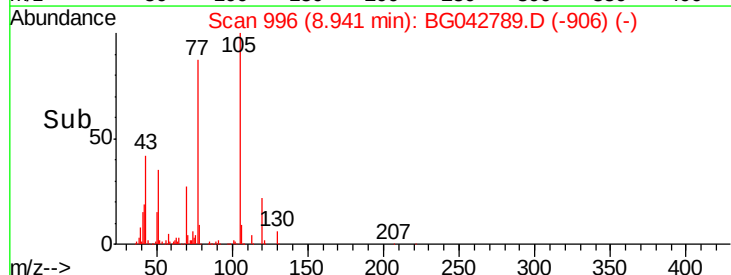
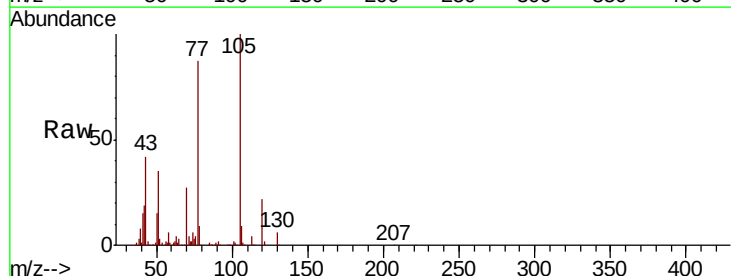
Manual Integrations
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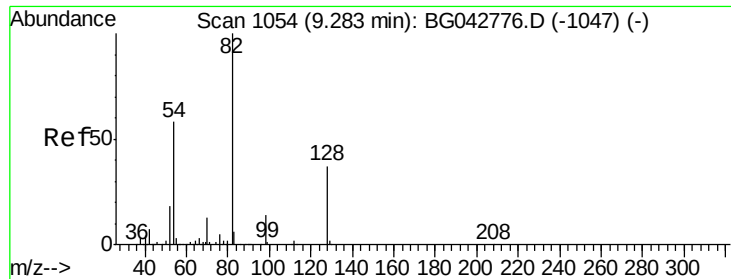
mohammad
9/16/2019 9:03:30 AM



#22
Acetophenone
Concen: 46.772 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	369034		
71	4.1	3.7	5.5	
51	35.2	28.8	43.2	
120	22.2	18.5	27.7	





#23

Nitrobenzene-d5

Concen: 66.658 ng

RT: 9.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

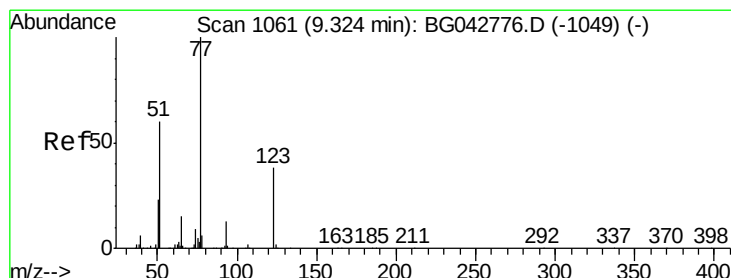
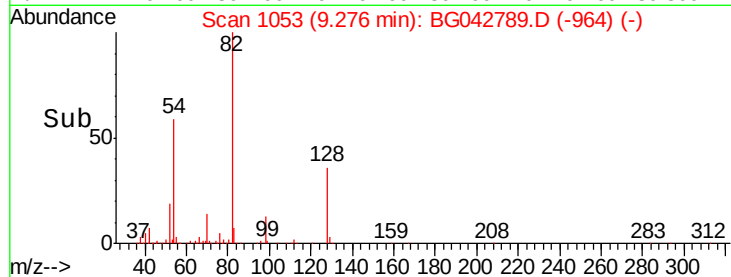
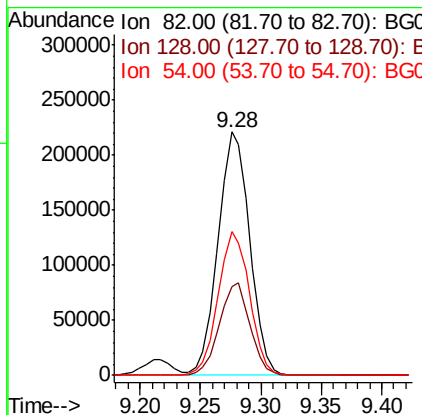
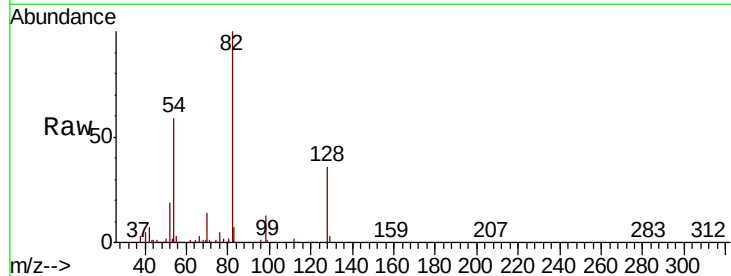
ClientSampleId :

GIS-4(0-4)MS

Tot Ion:	82	Resp:	399996
Ion Ratio	Lower	Upper	
82	100		
128	36.2	29.8	44.8
54	59.1	46.1	69.1

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#24

Nitrobenzene

Concen: 47.624 ng

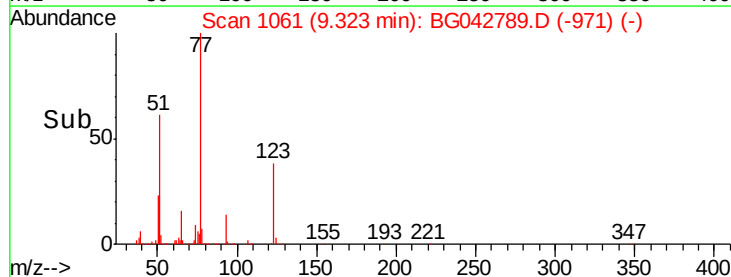
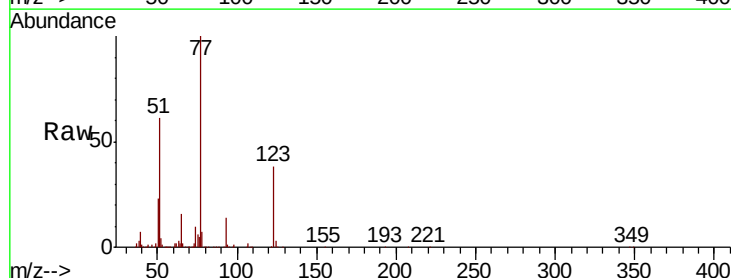
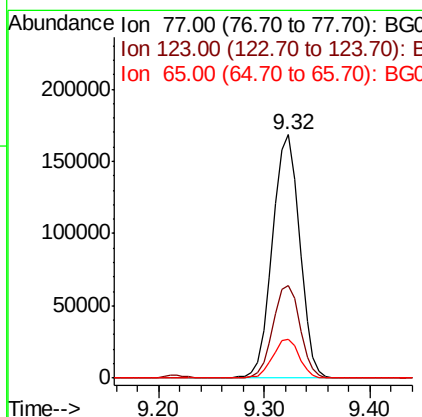
RT: 9.32 min Scan# 1061

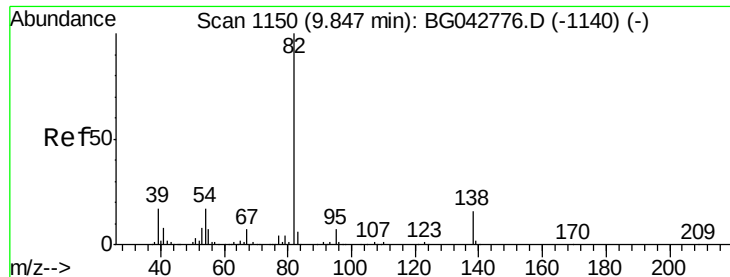
Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Tgt Ion:	77	Resp:	299970
Ion Ratio	Lower	Upper	
77	100		
123	38.1	30.7	46.1
65	15.7	12.2	18.4





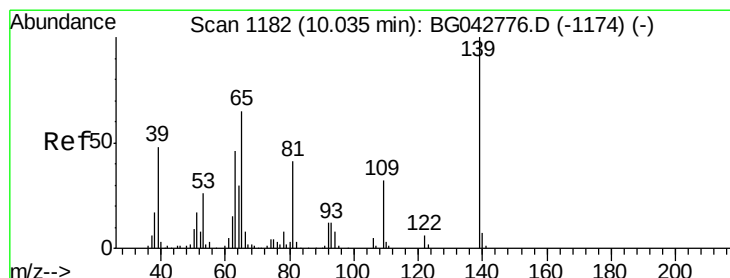
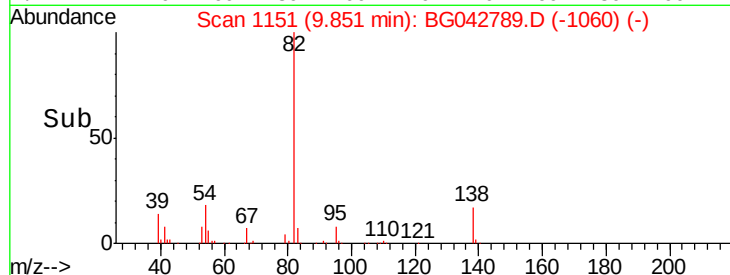
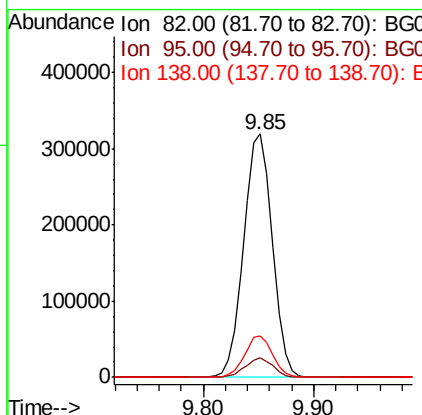
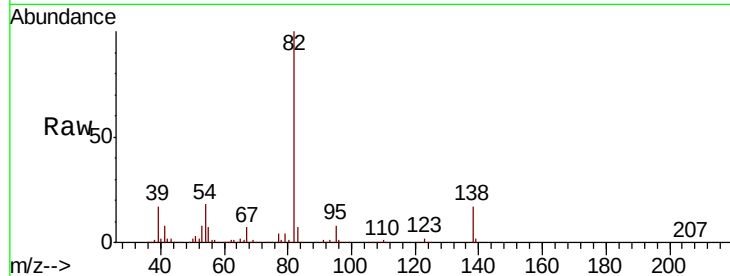
#25
Isophorone
Concen: 46.565 ng
RT: 9.85 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	582437		
95	8.1		5.8	8.8
138	17.2		12.9	19.3

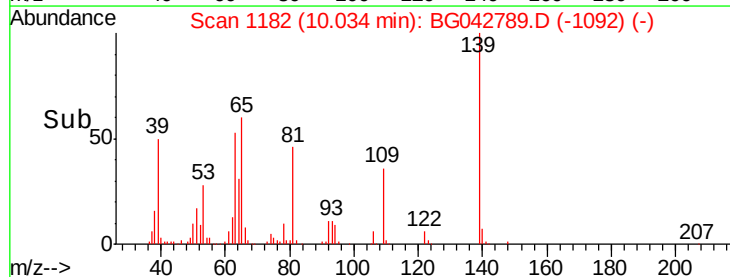
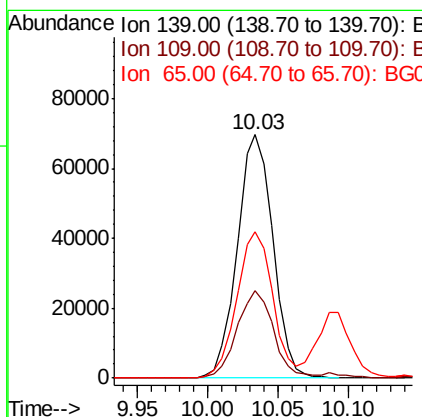
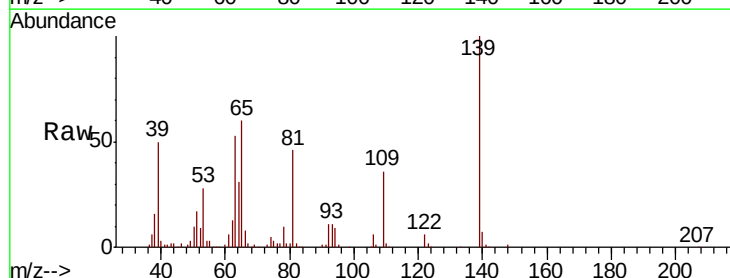
Manual Integrations
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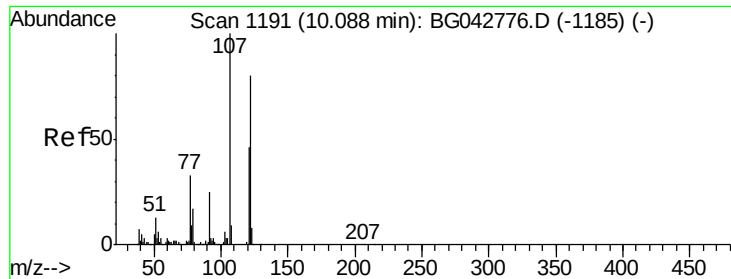
mohammad
9/16/2019 9:03:30 AM



#26
2-Nitrophenol
Concen: 49.582 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	122806		
109	35.9		25.8	38.8
65	60.2		52.2	78.2





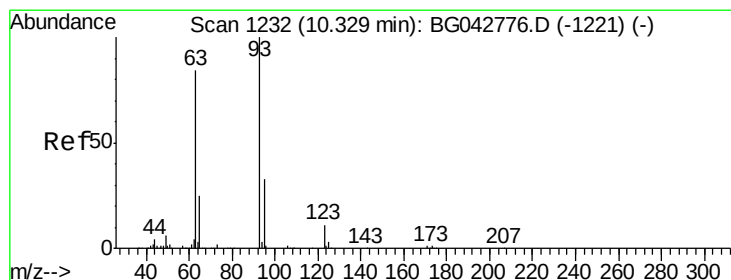
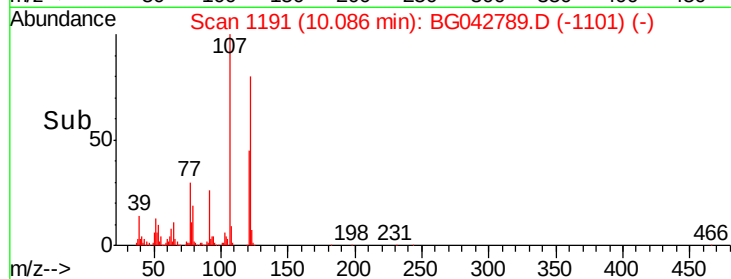
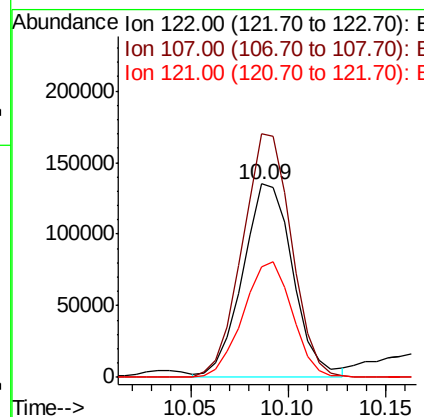
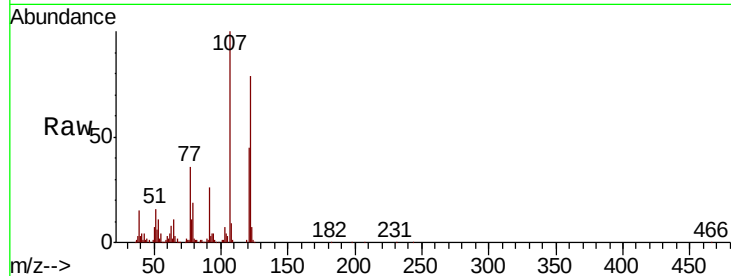
#27
2,4-Dimethylphenol
Concen: 55.217 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	241920		
107	125.9	98.9	148.3	
121	57.1	46.2	69.2	

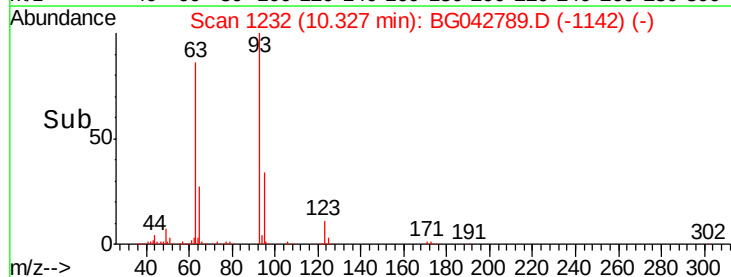
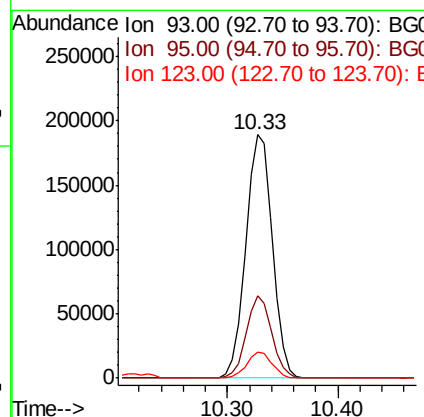
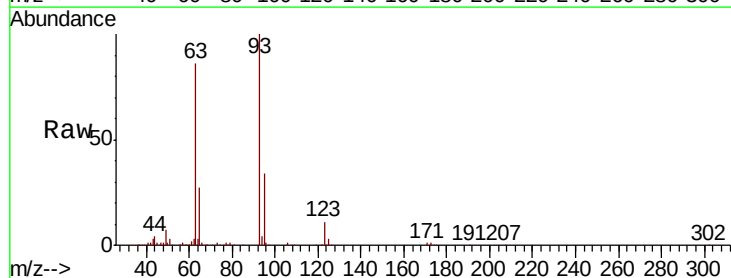
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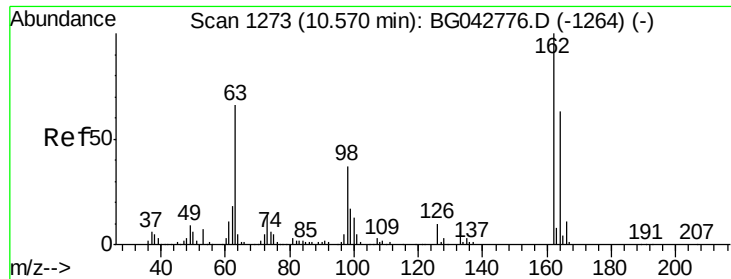
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 45.795 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	319439		
95	33.8	26.6	40.0	
123	10.8	9.0	13.6	





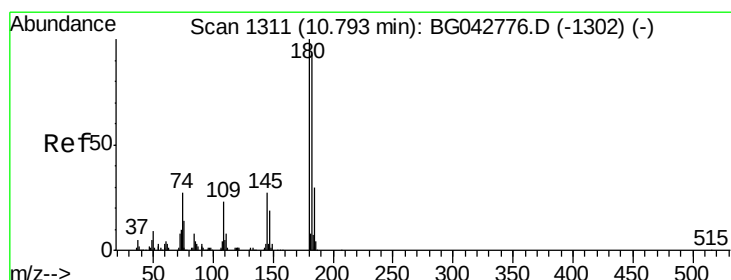
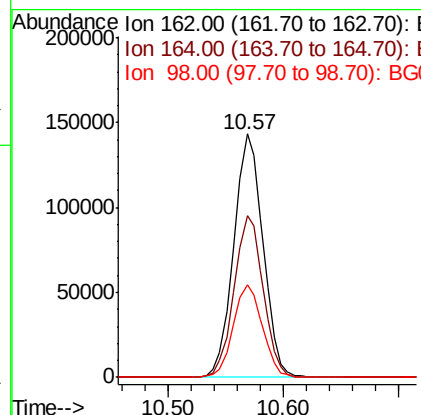
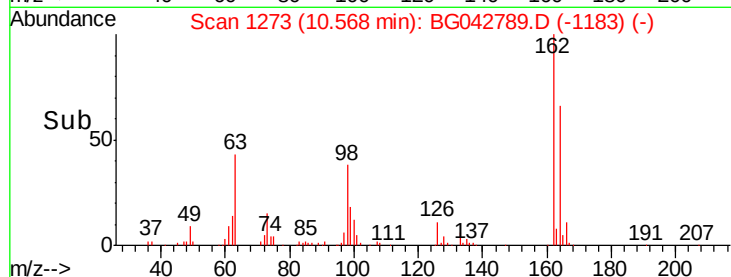
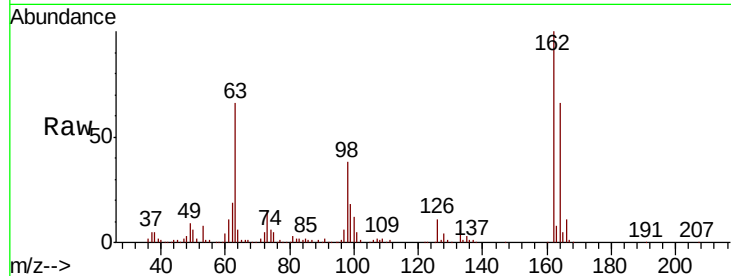
#29
 2,4-Dichlorophenol
 Concen: 49.164 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :
 GIS-4(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	250308		
164	66.2	43.4	83.4	
98	38.0	17.0	57.0	

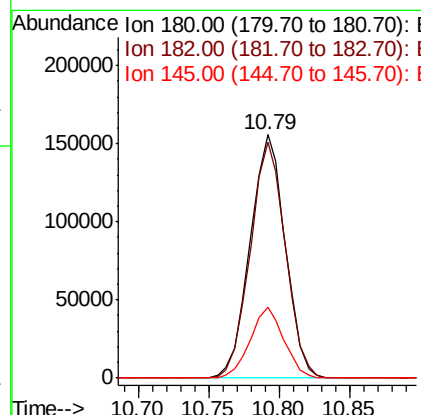
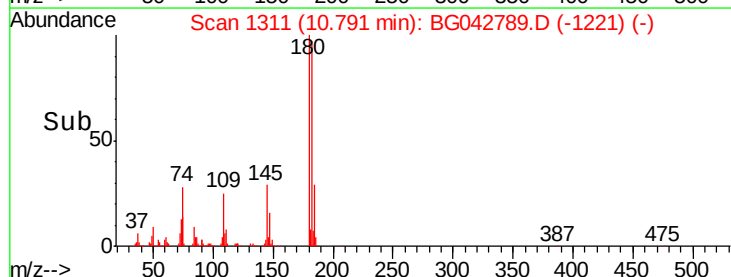
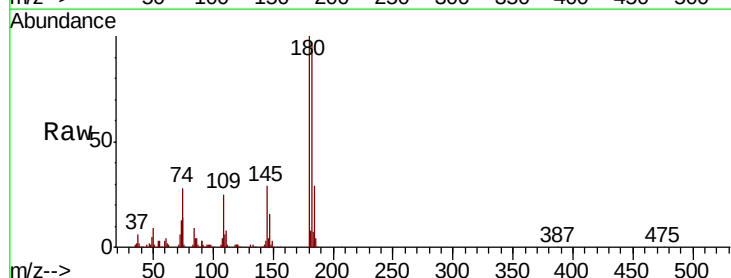
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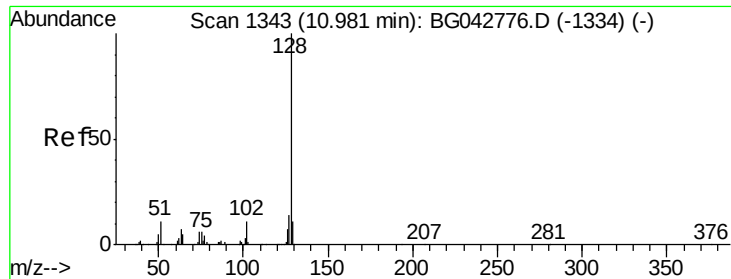
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.693 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	271595		
182	97.2	74.6	112.0	
145	29.1	21.8	32.6	





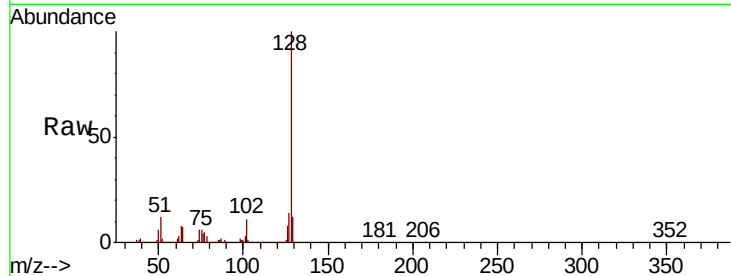
#31
Naphthalene
Concen: 46.495 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

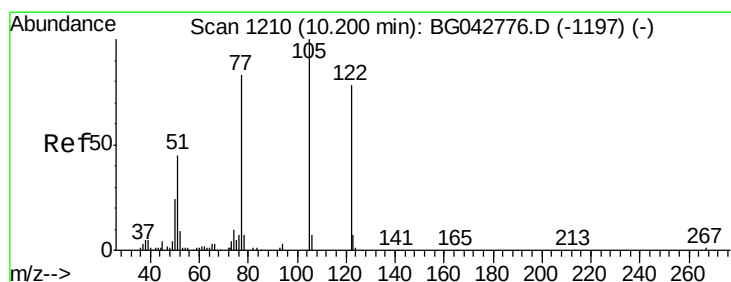
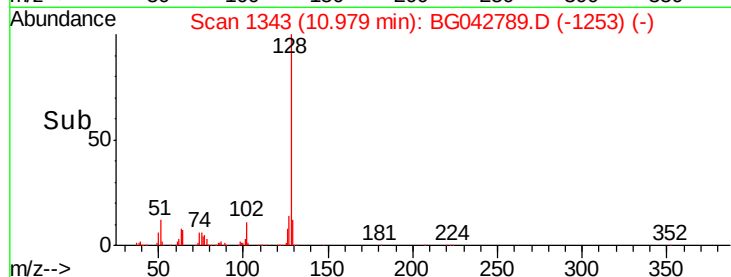
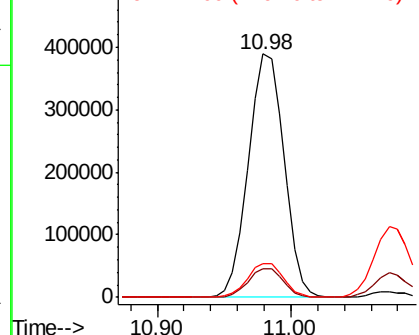
Tot Ion:	128	Resp:	717180
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.0	13.6
127	14.1	11.4	17.2

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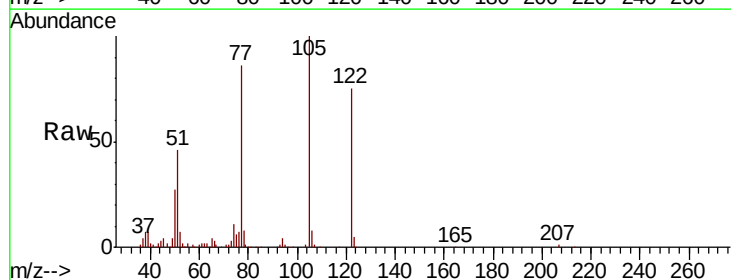


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

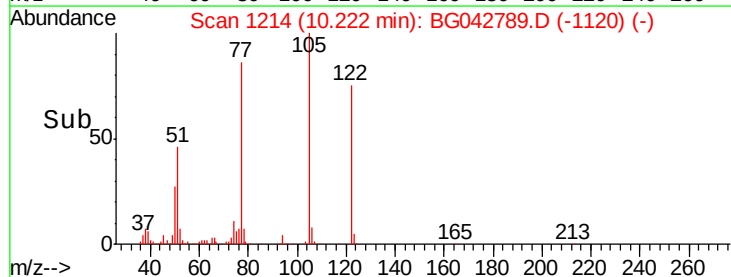
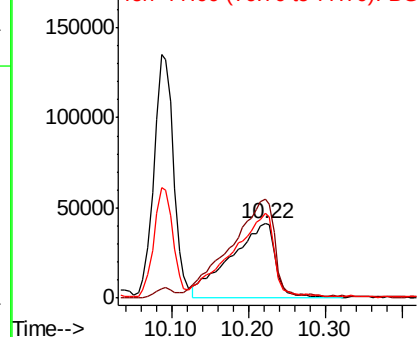


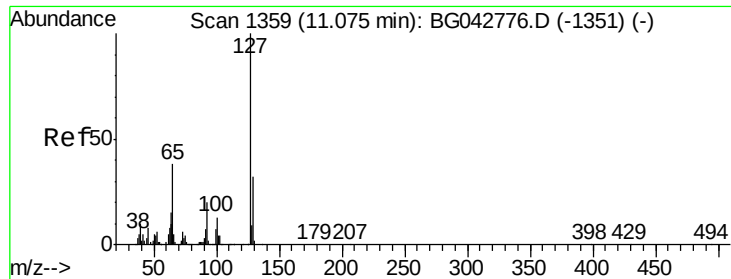
#32
Benzoic acid
Concen: 47.891 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion:	122	Resp:	169655
Ion Ratio	Lower	Upper	
122	100		
105	133.0	104.0	144.0
77	114.2	84.2	124.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





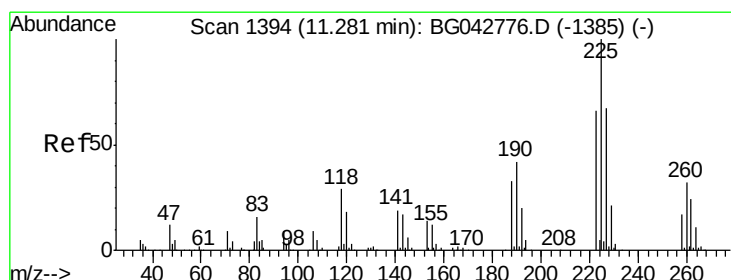
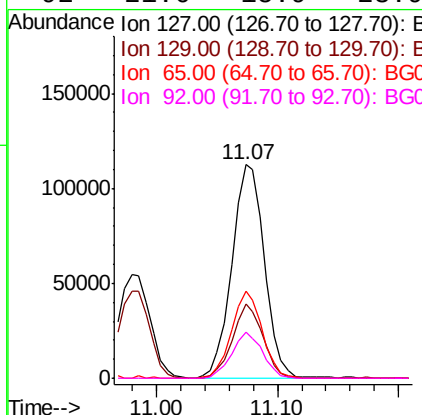
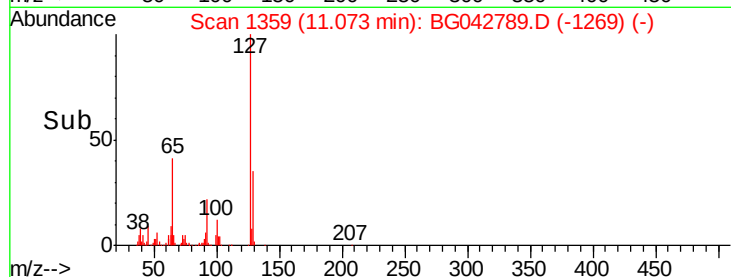
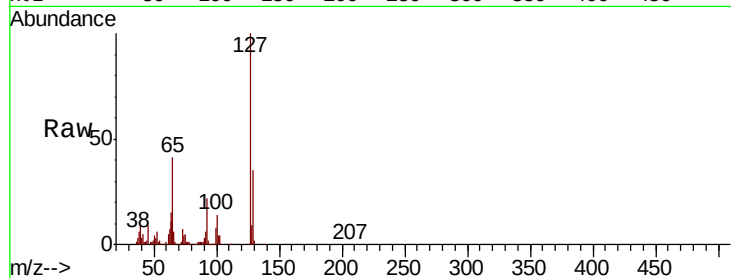
#33
4-Chloroaniline
Concen: 29.289 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		211160		
129	34.8	25.8	38.6		
65	40.7	30.5	45.7		
92	21.6	15.9	23.9		

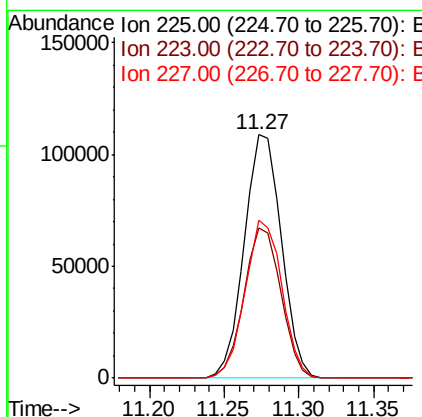
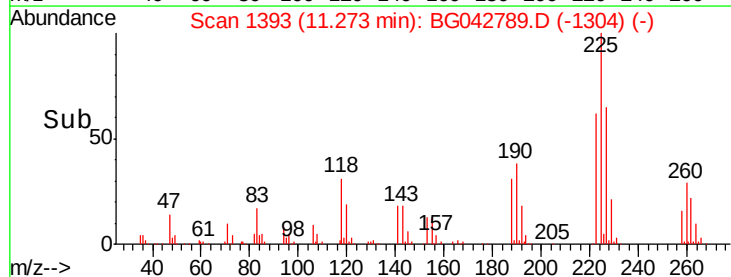
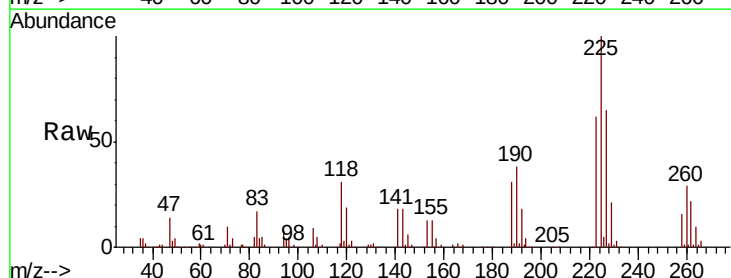
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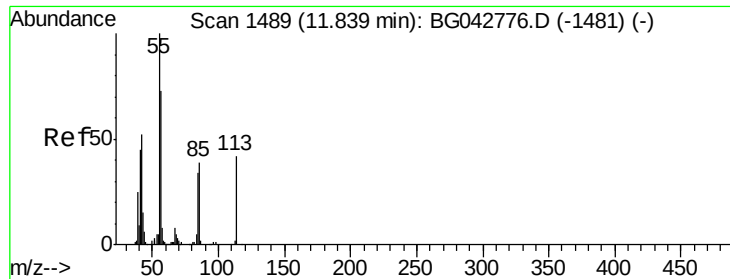
mohammad
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#34
Hexachlorobutadiene
Concen: 43.015 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		187339		
223	61.7	52.6	79.0		
227	64.7	53.6	80.4		





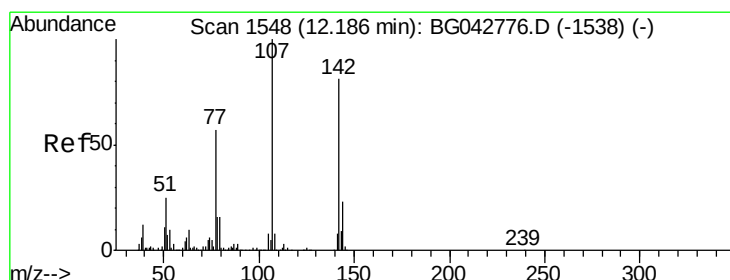
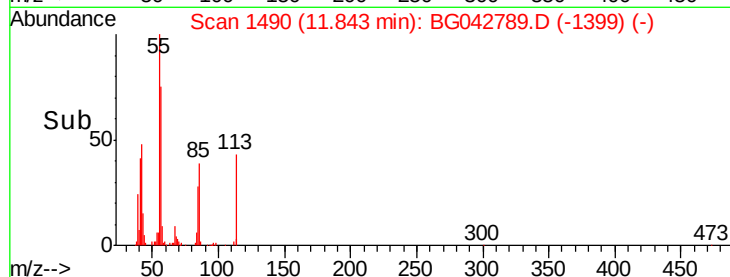
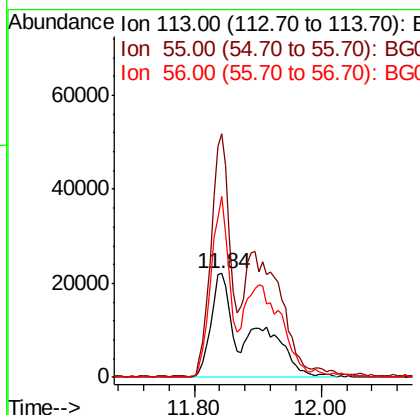
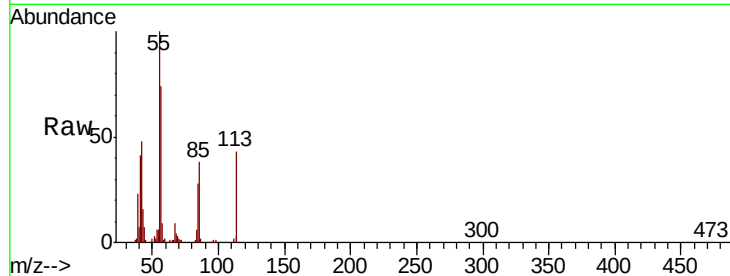
#35
 Caprolactam
 Concen: 48.497 ng/ml
 RT: 11.84 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :
 GIS-4(0-4)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	235.2	218.4	258.4
56	175.2	154.8	194.8

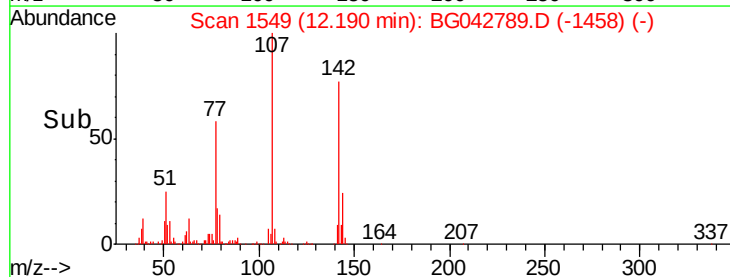
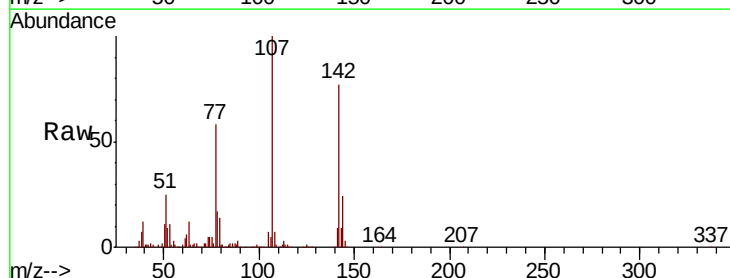
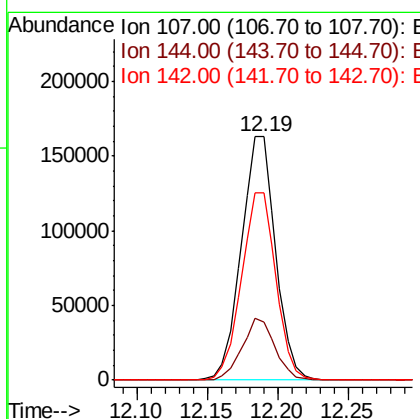
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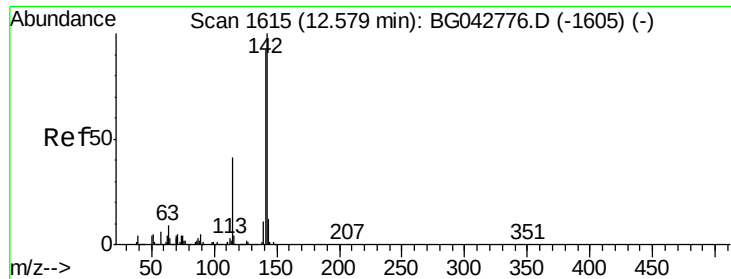
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 50.153 ng/ml
 RT: 12.19 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.0	18.7	28.1
142	76.9	65.0	97.4





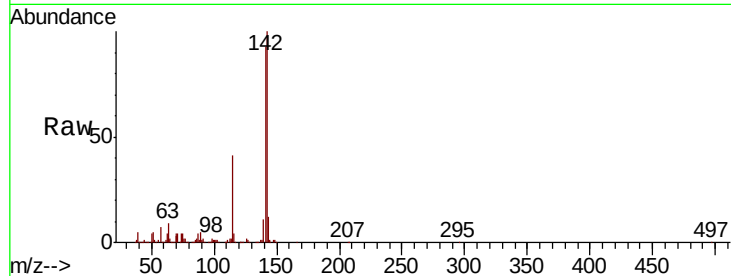
#37
2-Methylnaphthalene
Concen: 46.687 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.8	110.8
115	41.2	33.0	49.4

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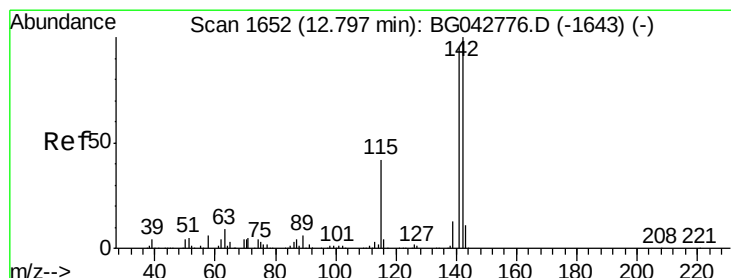
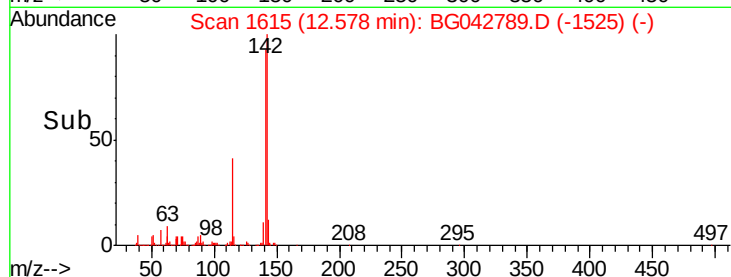
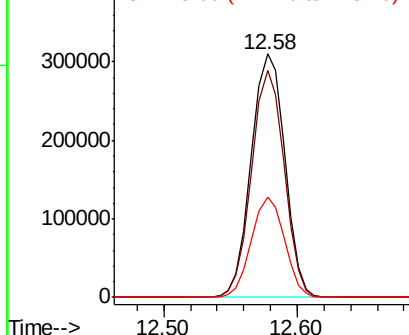


Abundance

Ion 142.00 (141.70 to 142.70): E

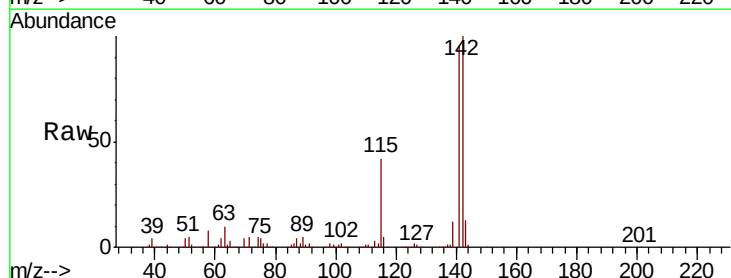
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.161 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	76.3	114.5
116	4.9	3.4	5.0

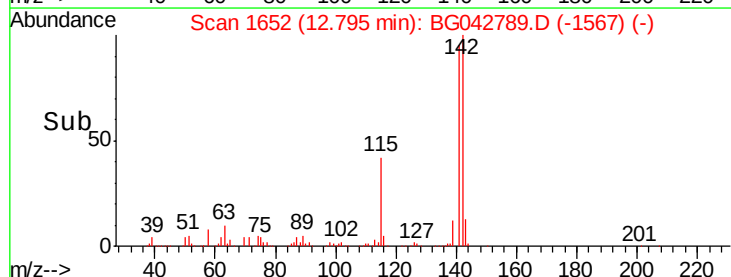
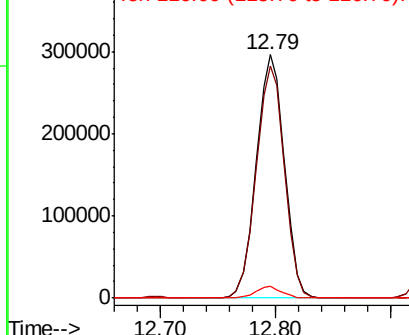


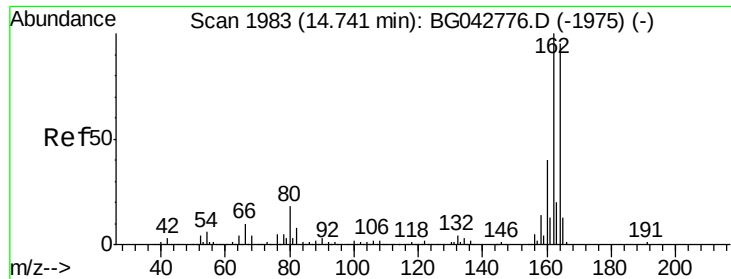
Abundance

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





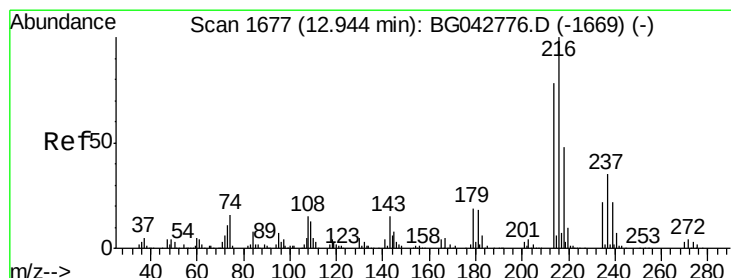
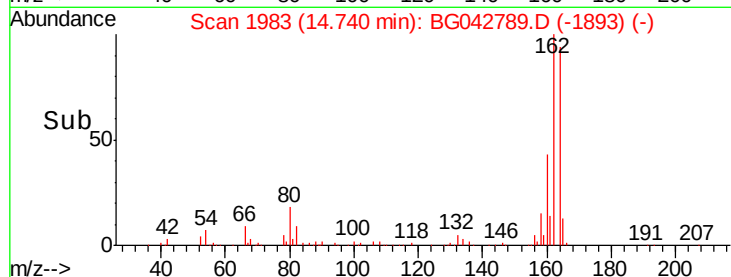
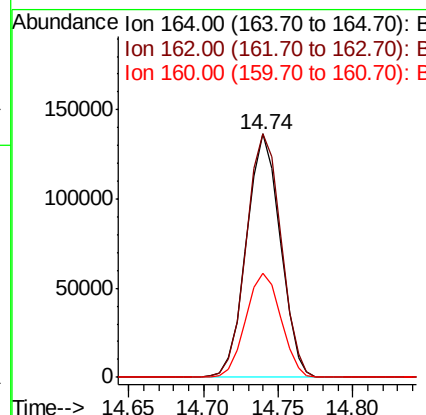
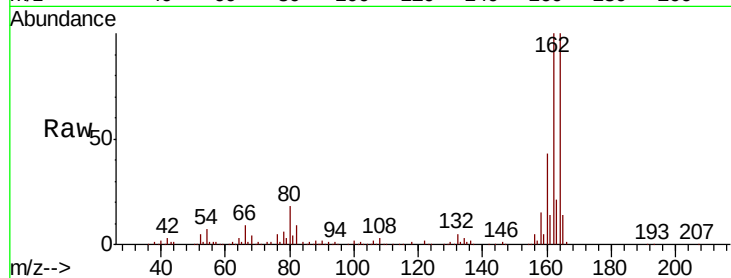
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	84.6	126.8
160	42.9	34.2	51.2

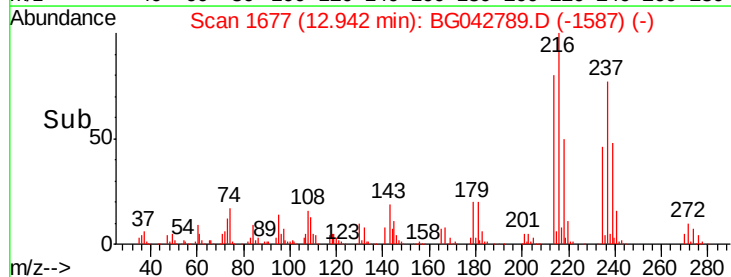
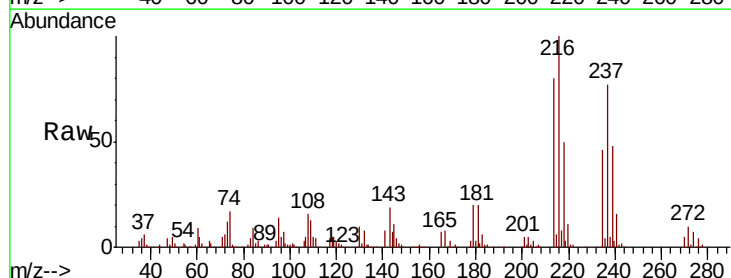
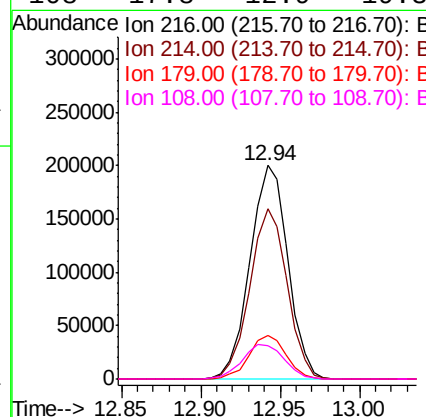
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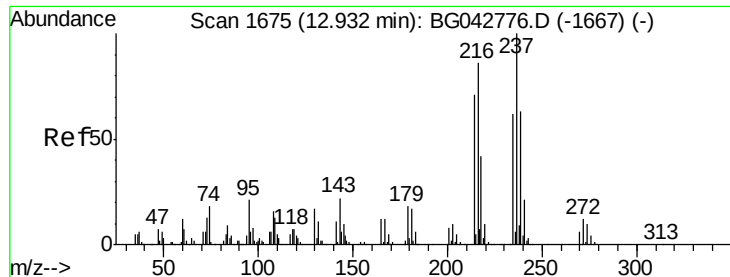
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.914 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.8	94.2
179	19.6	15.3	22.9
108	17.8	12.9	19.3





#41

Hexachlorocyclopentadiene

Concen: 100.923 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

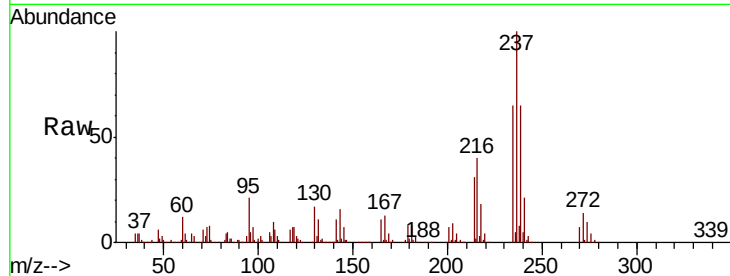
ClientSampleId :

GIS-4(0-4)MS

Tot Ion:	237	Resp:	409988
Ion Ratio	Lower	Upper	
237	100		
235	64.7	41.9	81.9
272	13.6	0.0	31.6

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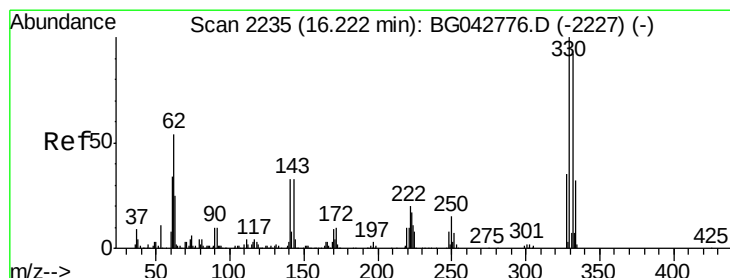
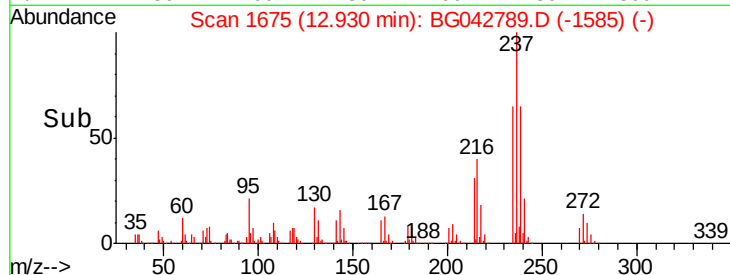
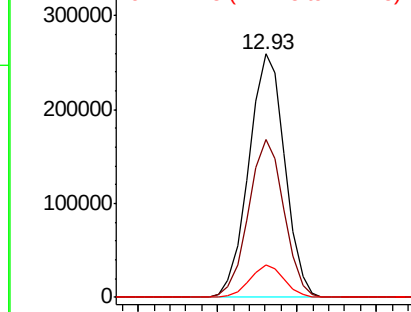


Abundance

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: 96.383 ng

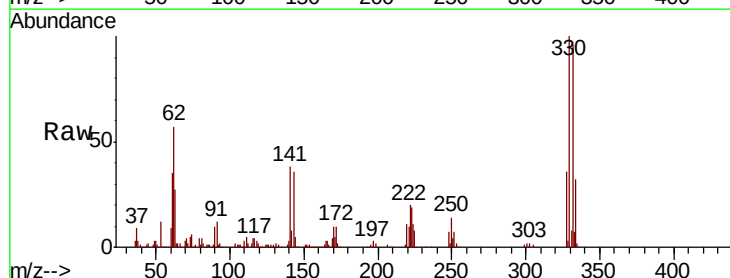
RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Tgt Ion:	330	Resp:	275179
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.7	115.1
141	35.2	27.0	40.6

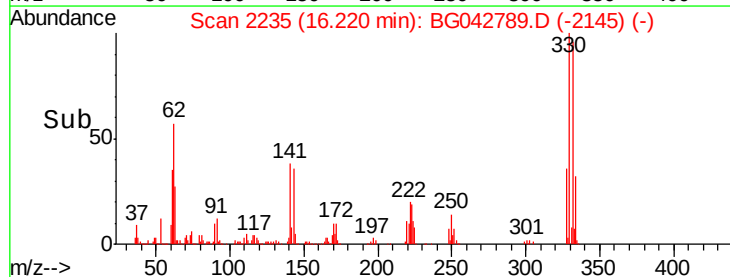
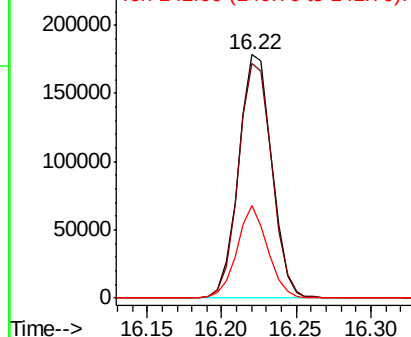


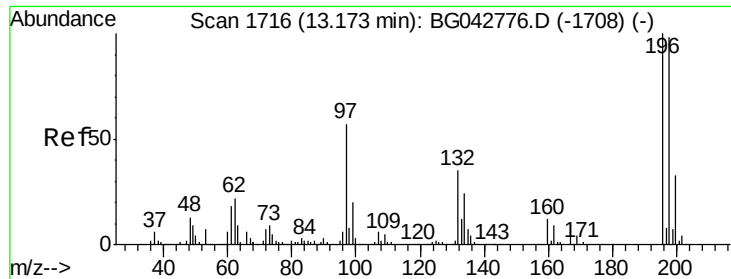
Abundance

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





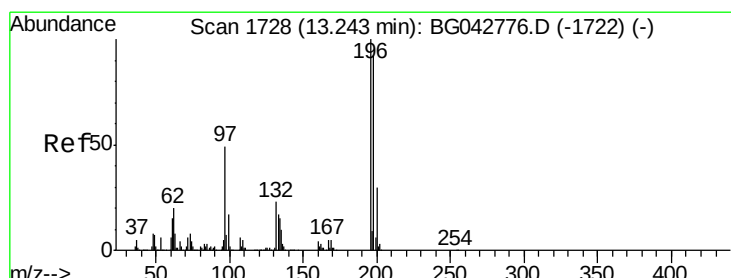
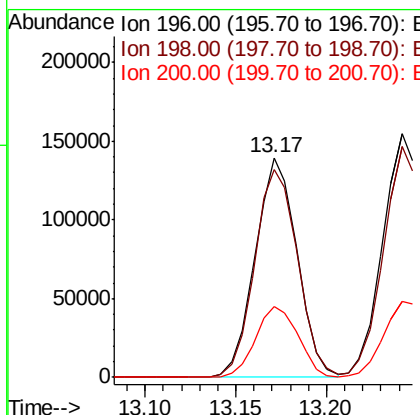
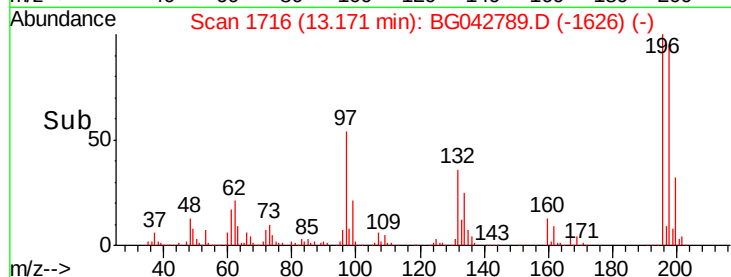
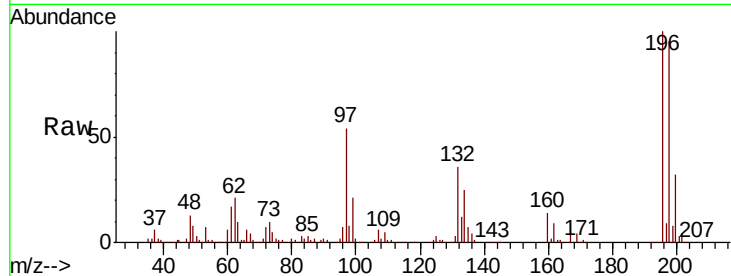
#43
 2,4,6-Trichlorophenol
 Concen: 47.527 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :
 GIS-4(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	224377		
198	94.9	78.8	118.2	
200	32.2	26.2	39.4	

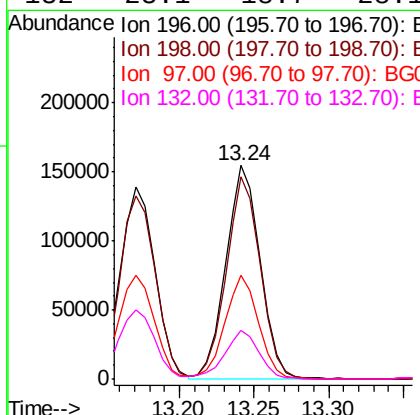
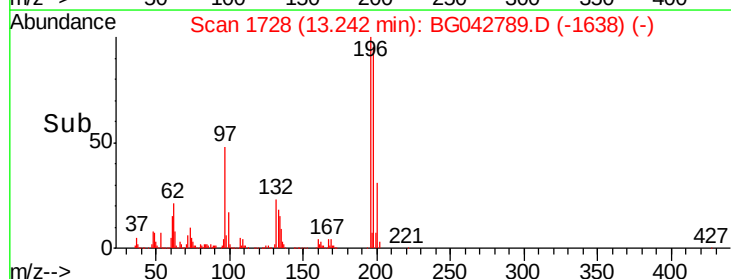
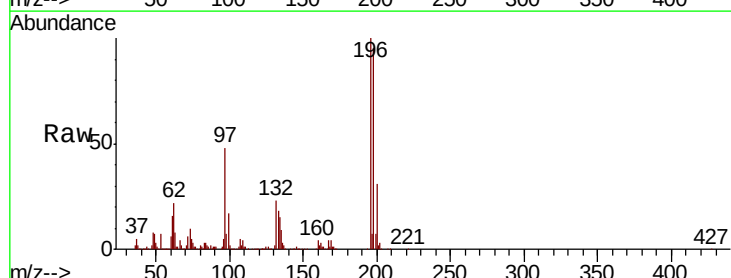
Manual Integrations
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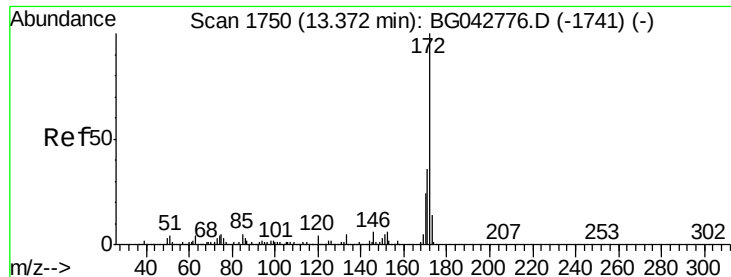
mohammad
 9/16/2019 9:03:30 AM



#44
 2,4,5-Trichlorophenol
 Concen: 51.298 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	248062		
198	94.9	73.4	110.0	
97	48.3	39.2	58.8	
132	23.1	18.7	28.1	





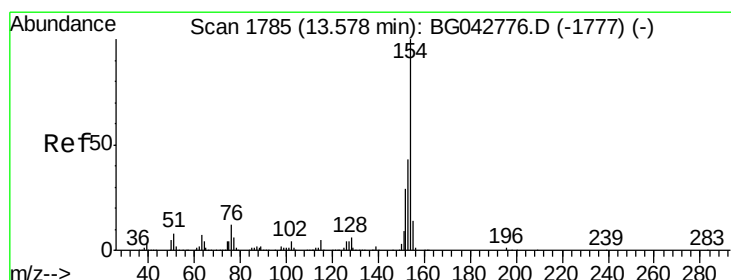
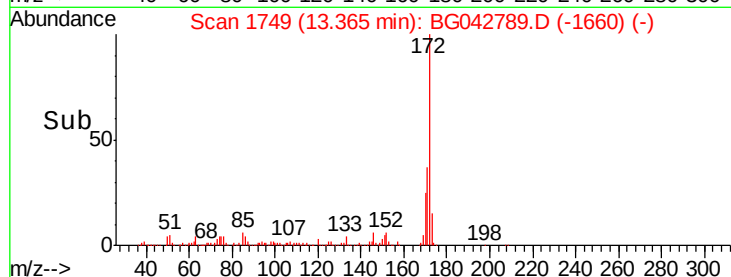
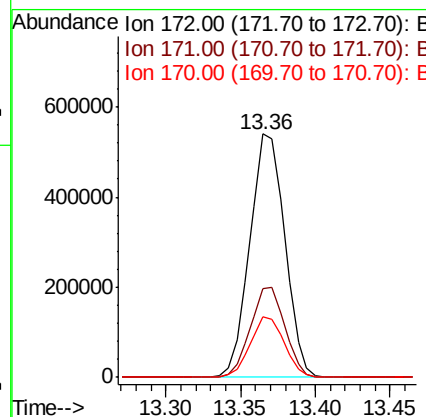
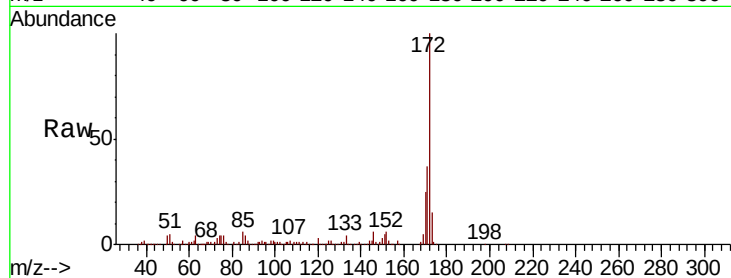
#45
2-Fluorobiphenyl
Concen: 64.472 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	874047		
171	36.6		28.9	43.3
170	24.7		19.1	28.7

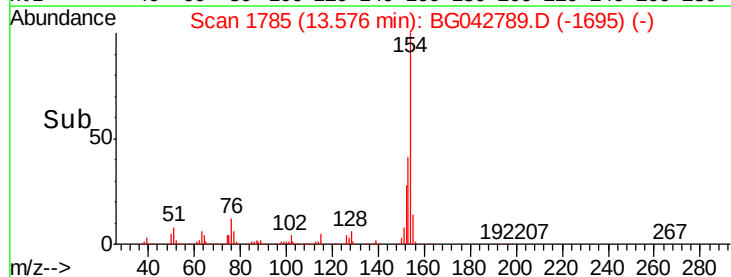
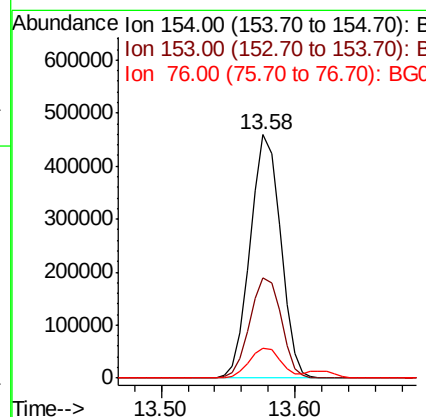
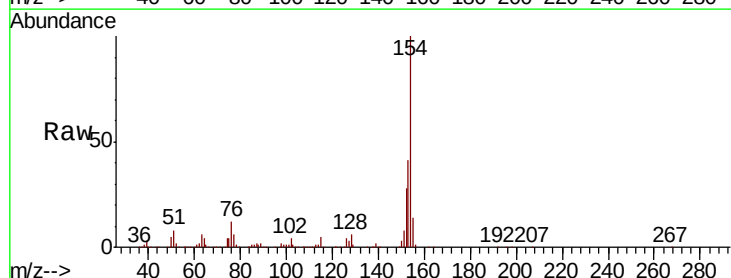
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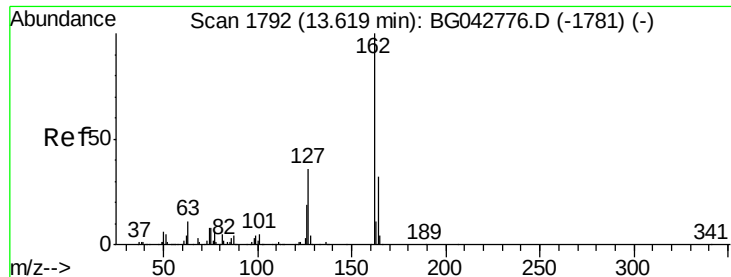
mohammad
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#46
1,1'-Biphenyl
Concen: 47.872 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	719191		
153	41.4		22.6	62.6
76	12.3		0.0	32.2





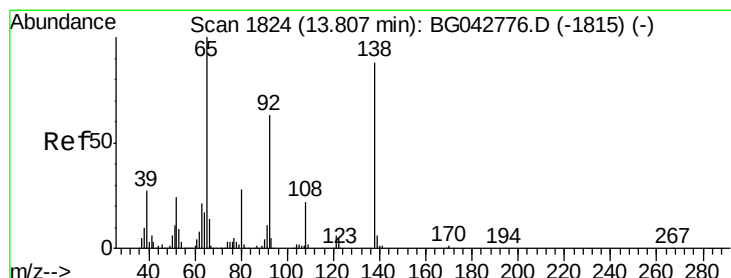
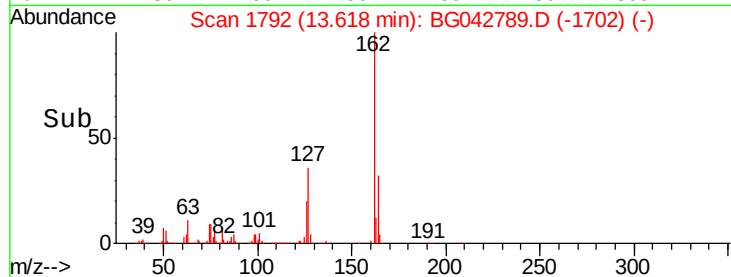
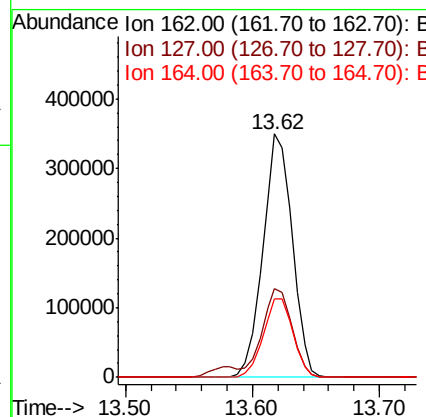
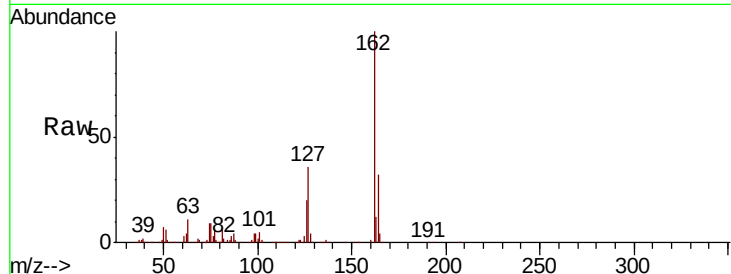
#47
 2-Chloronaphthalene
 Concen: 45.226 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :
 GIS-4(0-4)MS

Tot Ion:	162	Resp:	562046
Ion Ratio	Lower	Upper	
162	100		
127	36.3	29.3	43.9
164	32.0	26.0	39.0

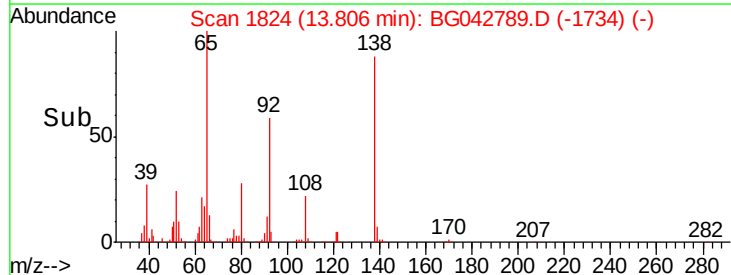
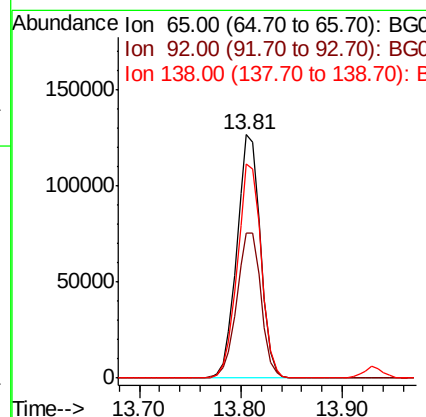
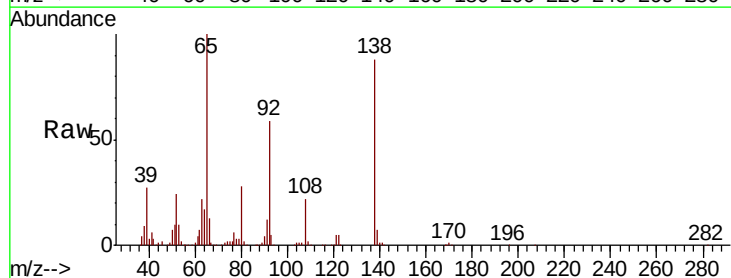
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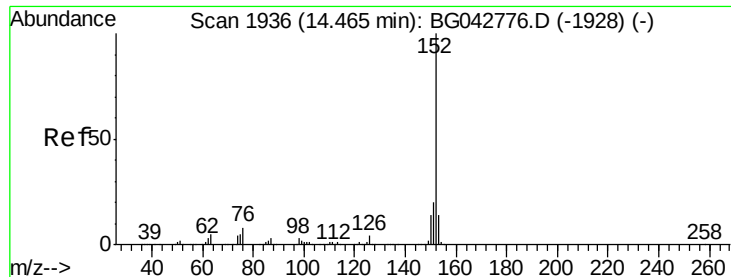
mohammad
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#48
 2-Nitroaniline
 Concen: 47.225 ng
 RT: 13.81 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion:	65	Resp:	203593
Ion Ratio	Lower	Upper	
65	100		
92	59.4	50.4	75.6
138	88.1	70.6	106.0





#49

Acenaphthylene

Concen: 47.834 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

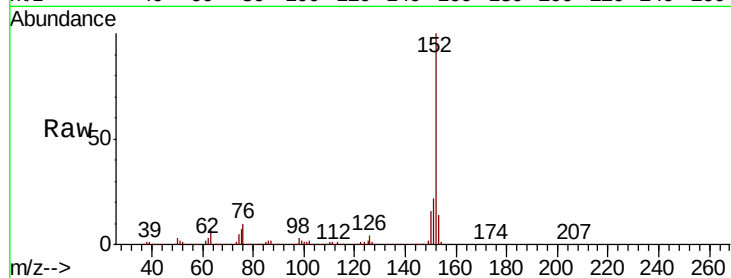
ClientSampleId :

GIS-4(0-4)MS

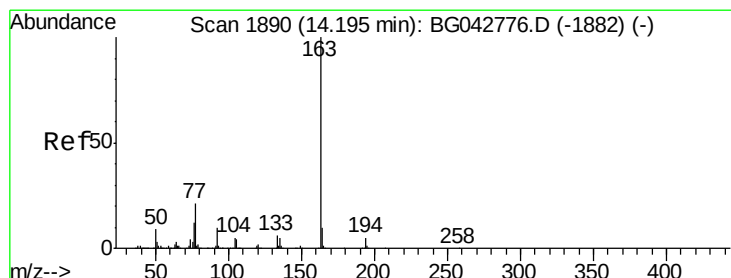
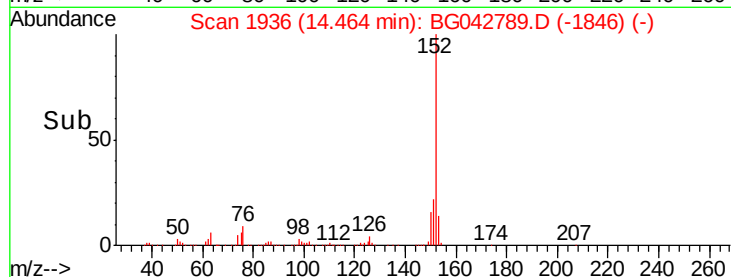
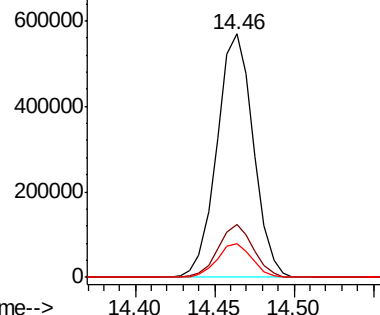
Tot Ion:	152	Resp:	908426
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.0	24.0
153	13.9	11.4	17.0

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



#50

Dimethylphthalate

Concen: 50.779 ng

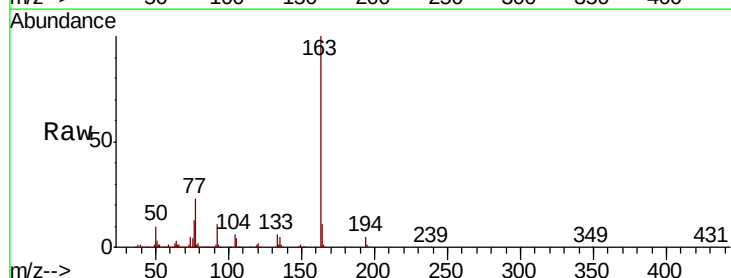
RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

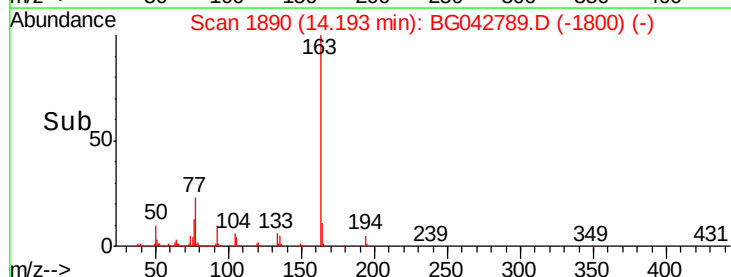
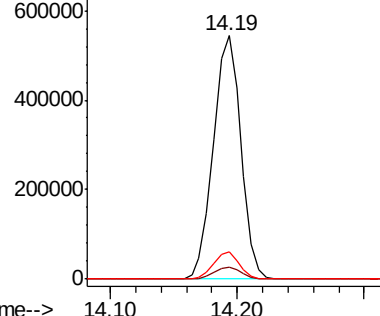
Lab File: BG042789.D

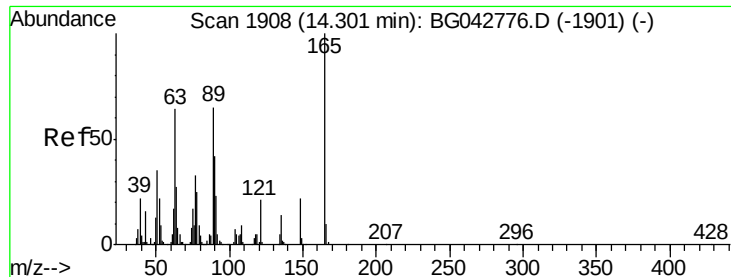
Acq: 12 Sep 2019 19:34

Tgt Ion:	163	Resp:	816327
Ion Ratio	Lower	Upper	
163	100		
194	4.7	4.2	6.4
164	11.1	8.4	12.6



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





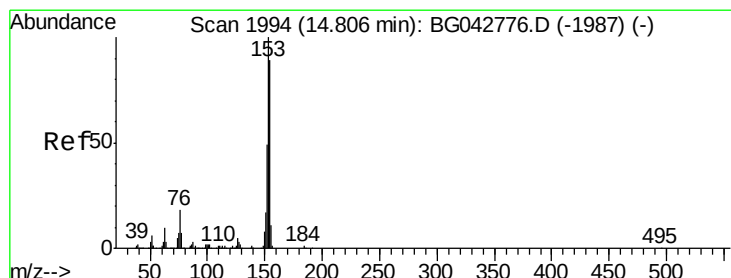
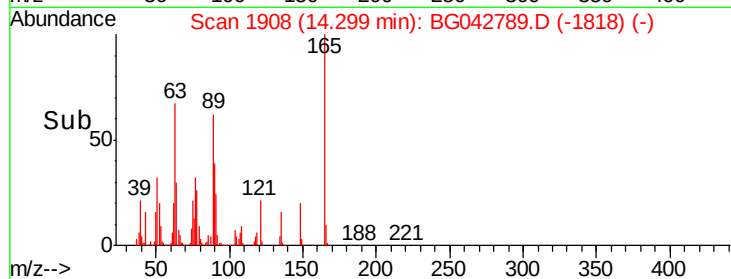
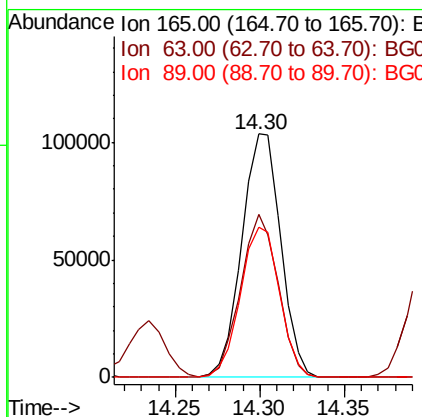
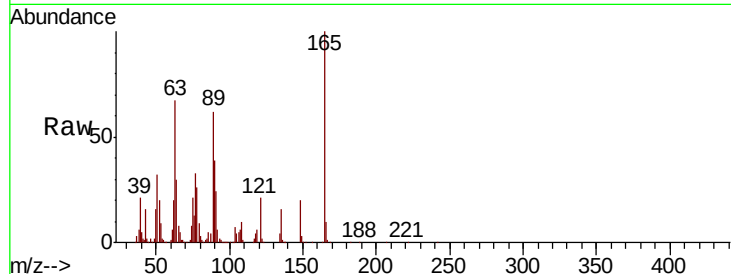
#51
2,6-Dinitrotoluene
Concen: 50.372 ng
RT: 14.30 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	166159		
63	67.1	52.1	78.1	
89	61.9	51.7	77.5	

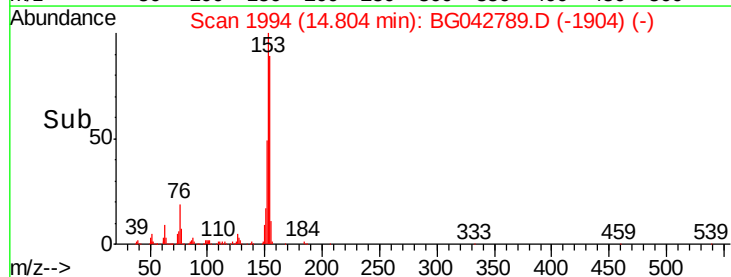
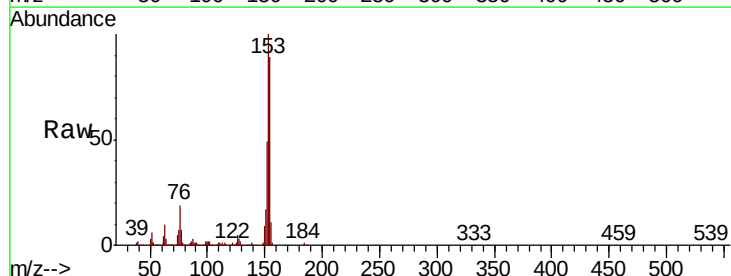
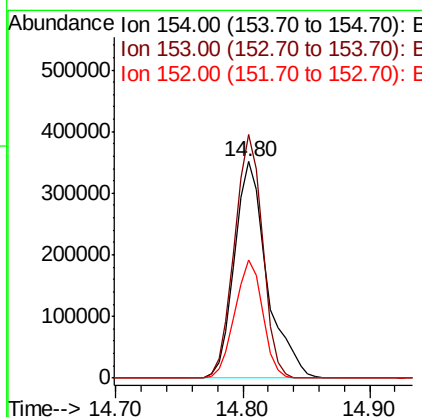
Manual Integrations
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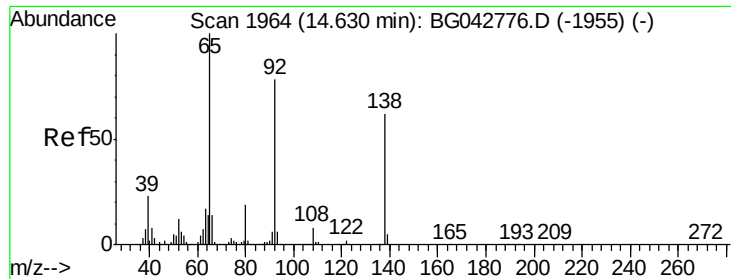
mohammad
9/16/2019 9:03:30 AM



#52
Acenaphthene
Concen: 50.154 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	622259		
153	112.4	89.4	134.2	
152	54.6	43.5	65.3	





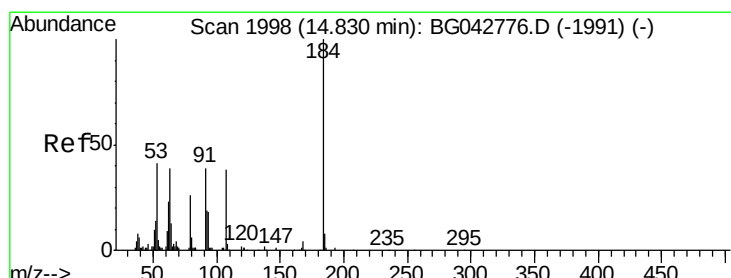
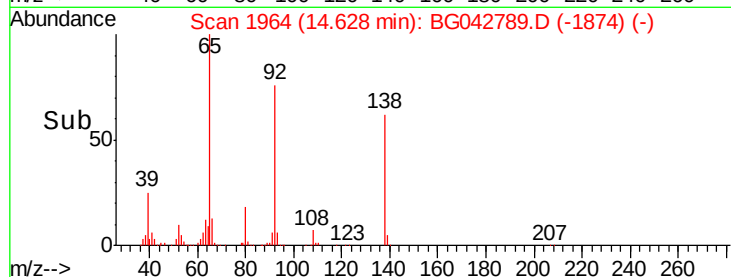
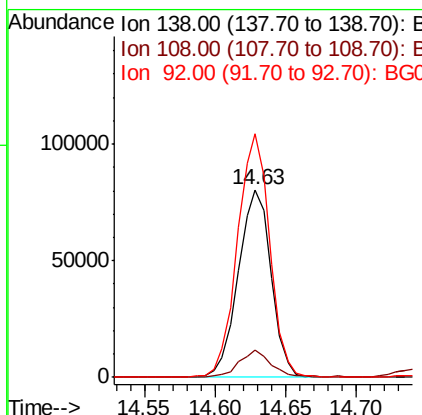
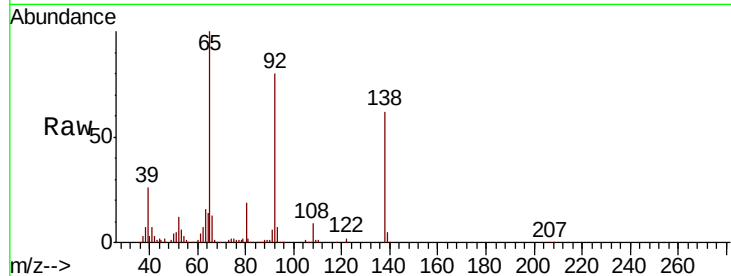
#53
 3-Nitroaniline
 Concen: 35.305 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :
 GIS-4(0-4)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.5	10.7	16.1
92	129.6	100.5	150.7

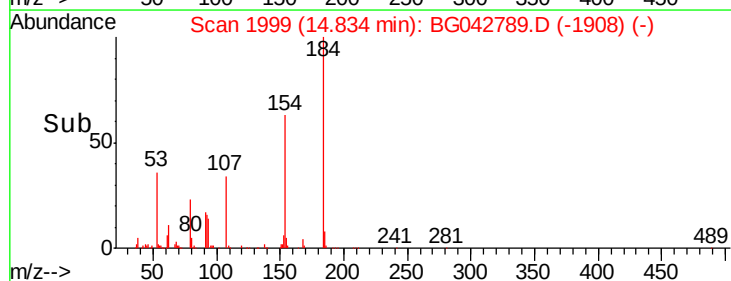
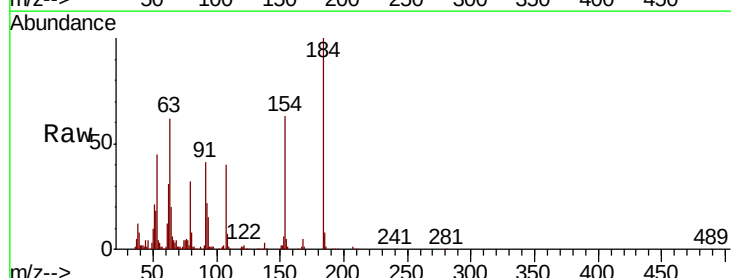
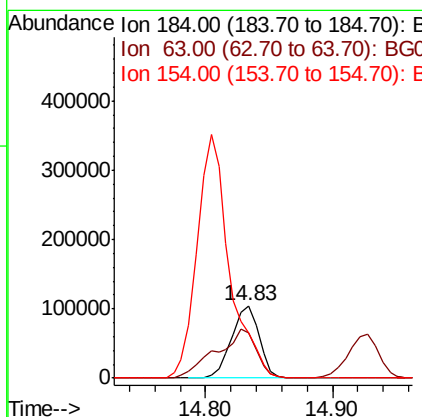
Manual Integrations
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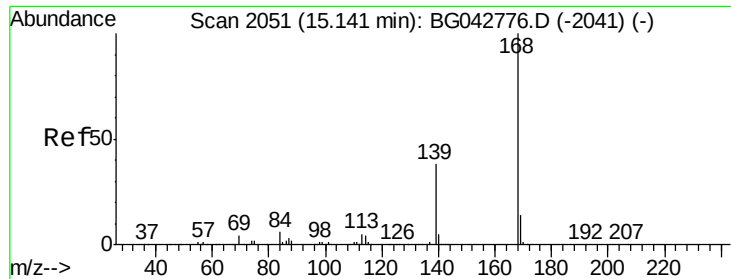
mohammad
 9/16/2019 9:03:30 AM



#54
 2,4-Dinitrophenol
 Concen: 96.989 ng
 RT: 14.83 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.7	46.2	69.4
154	62.5	81.3	121.9#





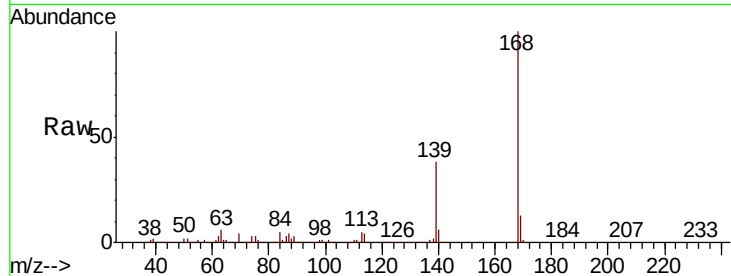
#55
Dibenzenofuran
Concen: 47.688 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.2	45.4
169	13.0	11.2	16.8

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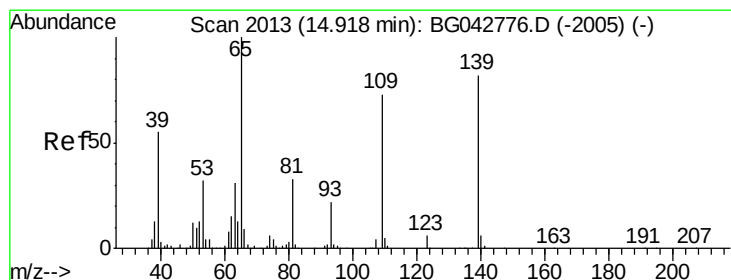
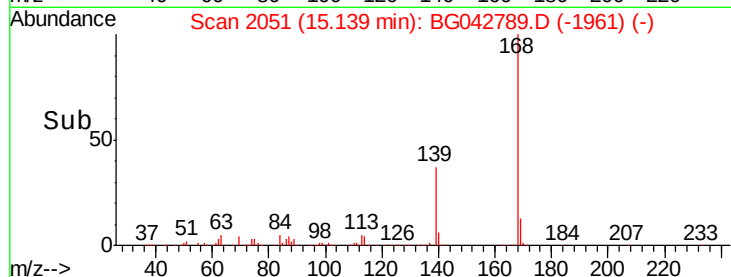
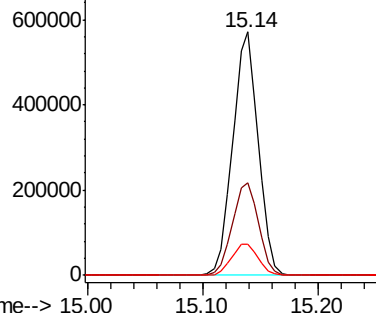


Abundance

Ion 168.00 (167.70 to 168.70): E

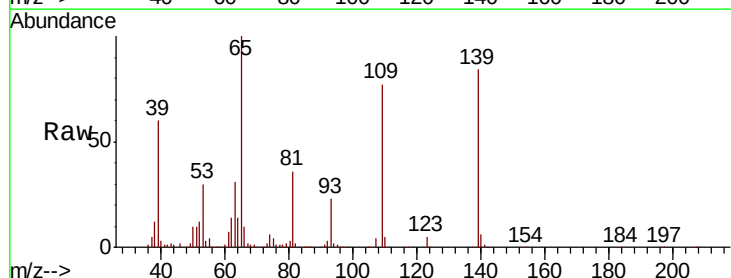
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 100.052 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.0	69.4	109.4
65	118.8	102.5	142.5

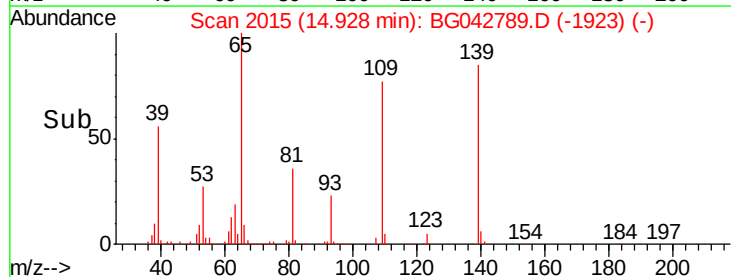
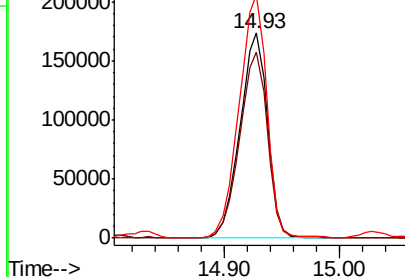


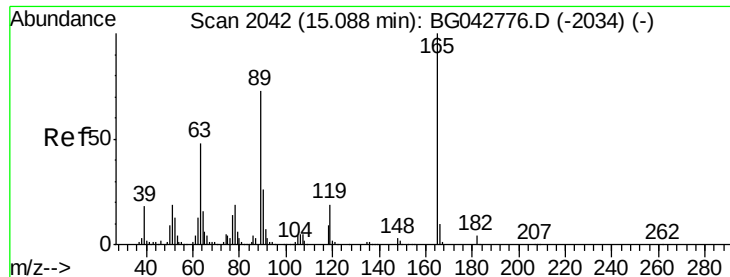
Abundance

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





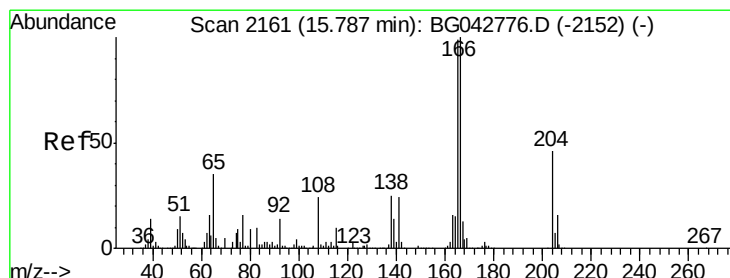
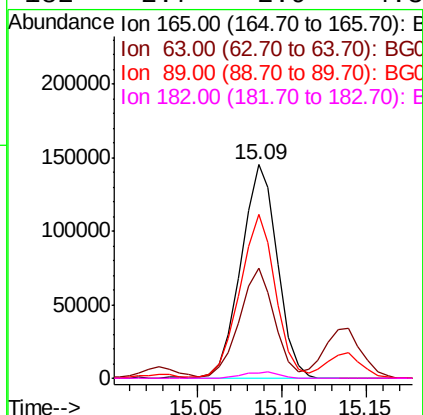
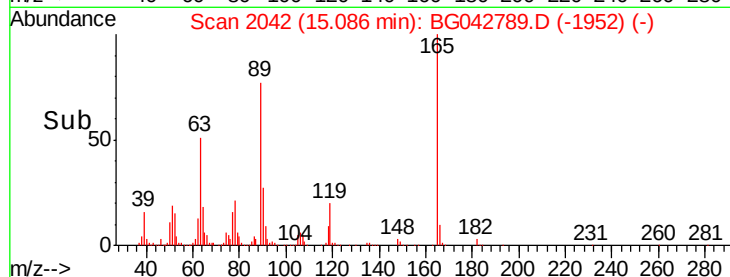
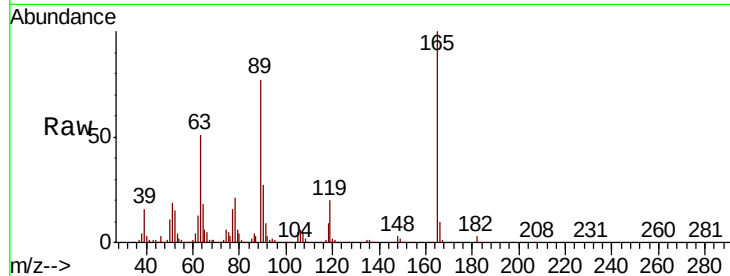
#57
 2,4-Dinitrotoluene
 Concen: 49.348 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :
 GIS-4(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		216975		
63	51.3	38.3	57.5		
89	76.7	58.4	87.6		
182	2.7	2.9	4.3#		

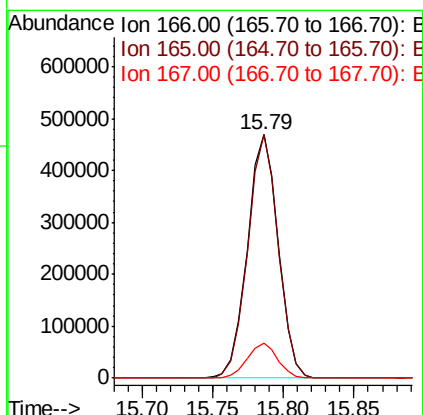
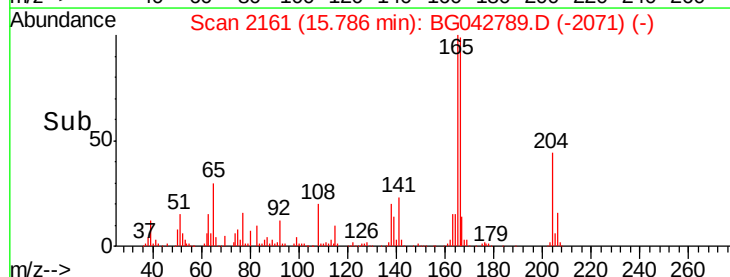
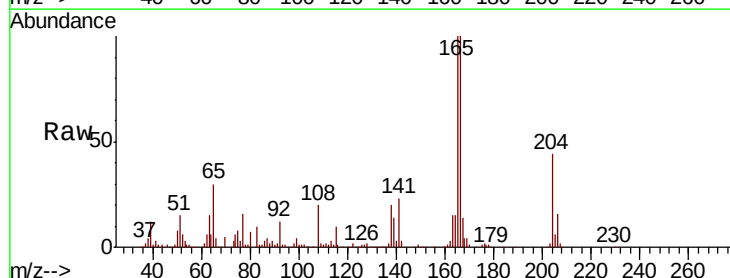
Manual Integrations
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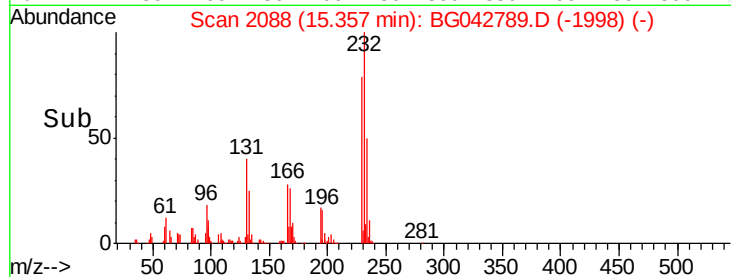
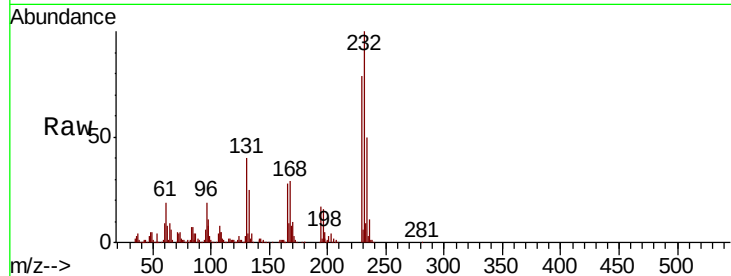
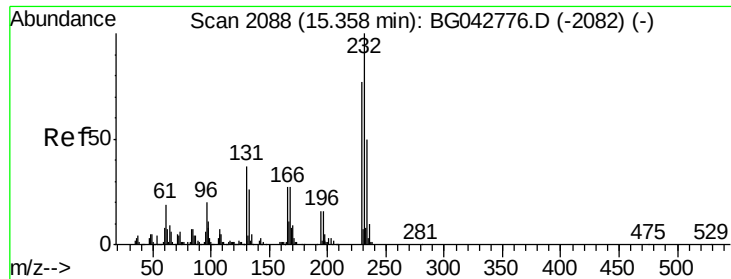
mohammad
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#58
 Fluorene
 Concen: 47.022 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		718679		
165	100.2	79.1	118.7		
167	14.4	10.7	16.1		





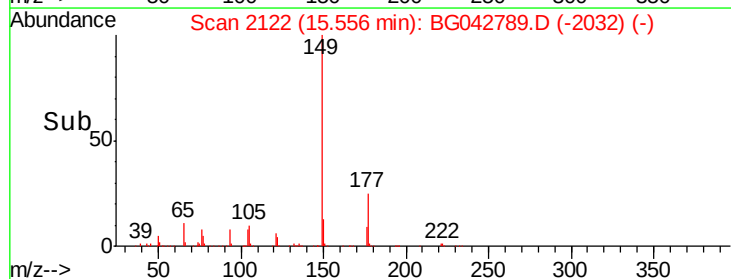
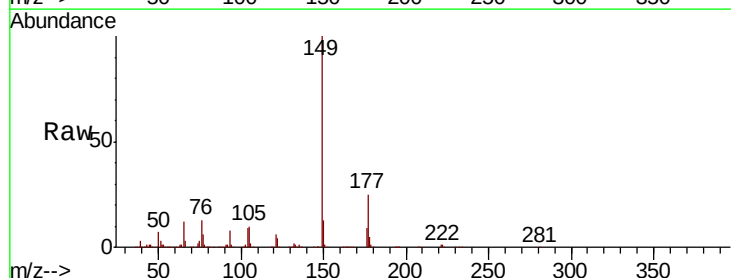
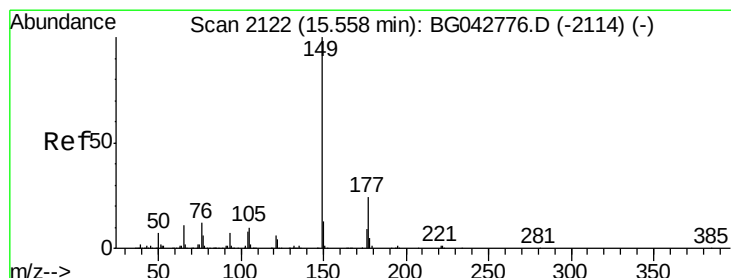
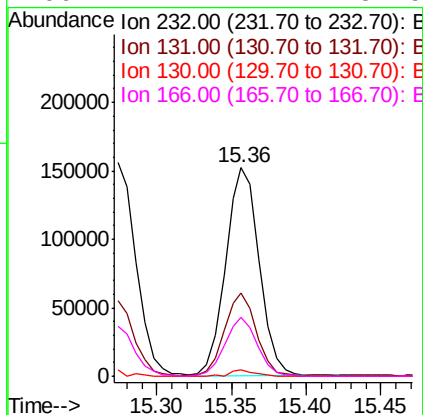
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.688 ng
RT: 15.36 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		237607		
131	38.4	31.1	46.7		
130	2.4	1.8	2.6		
166	27.4	21.7	32.5		

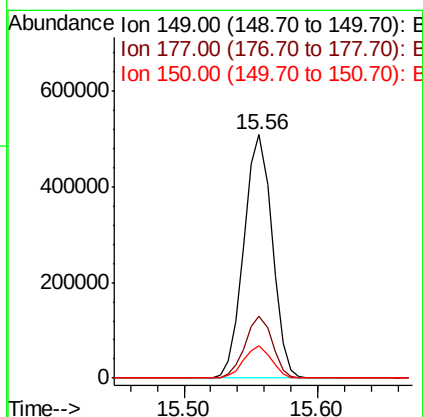
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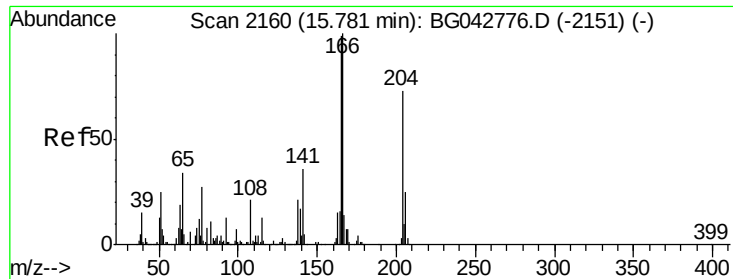
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#60
Diethylphthalate
Concen: 45.387 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		740651		
177	25.3	19.4	29.0		
150	13.1	10.2	15.4		





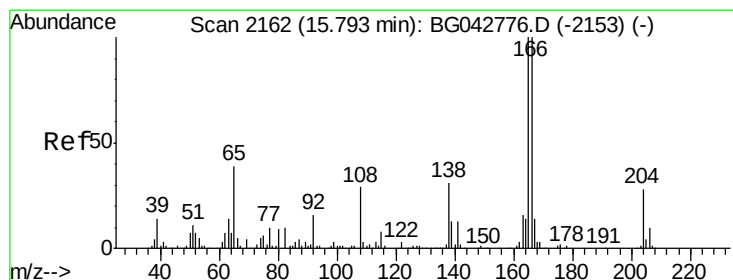
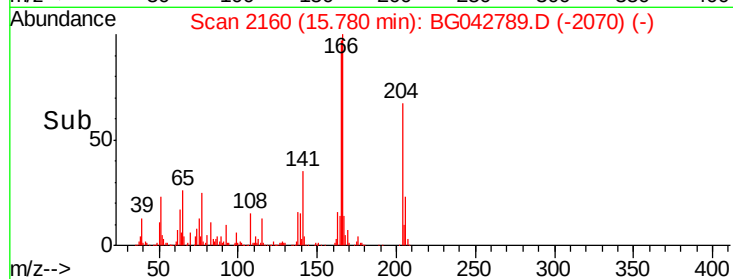
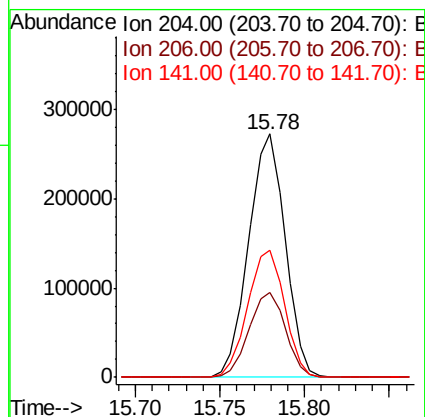
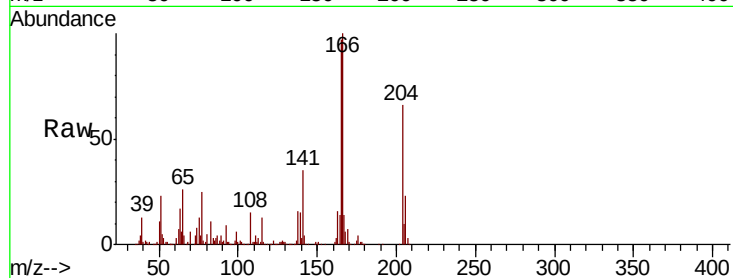
#61
4-Chlorophenyl-phenylether
Concen: 45.421 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.1	27.6	41.4	
141	52.3	39.8	59.6	

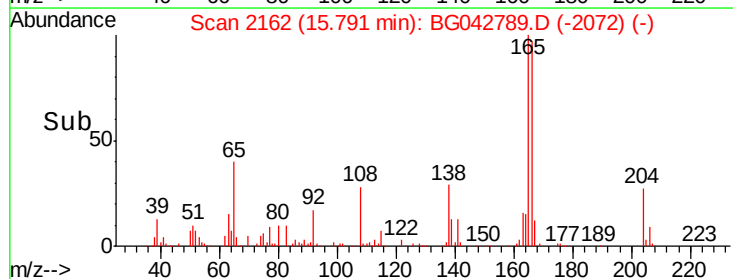
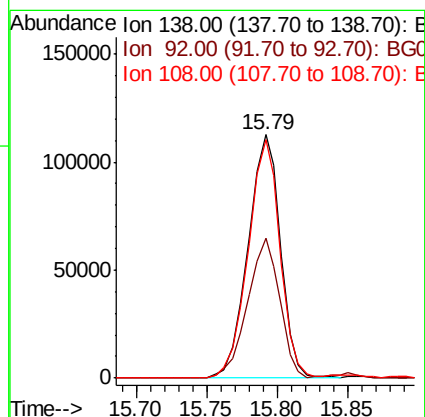
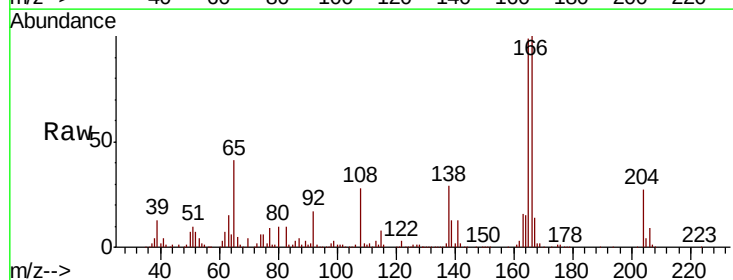
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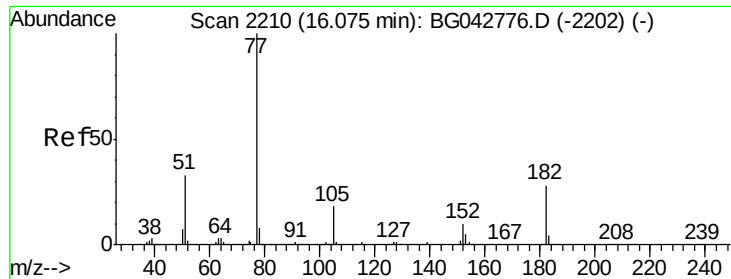
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#62
4-Nitroaniline
Concen: 45.442 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	57.7	31.4	71.4	
108	98.1	74.8	114.8	





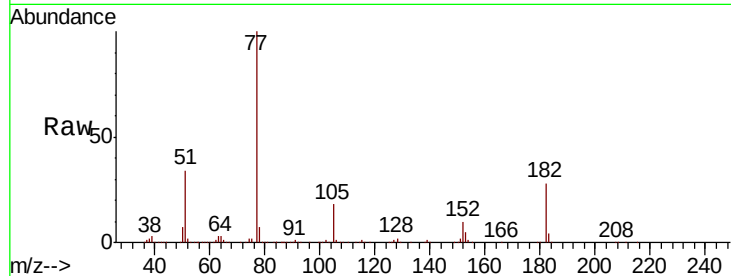
#63
Azobenzene
Concen: 47.491 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

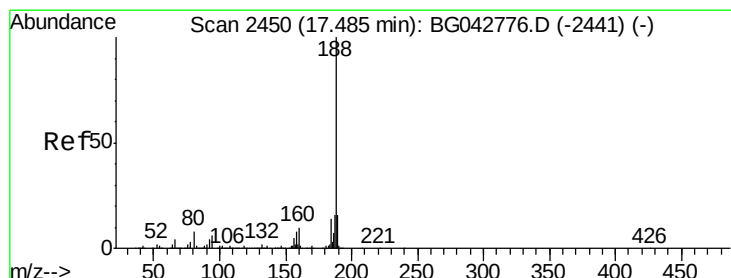
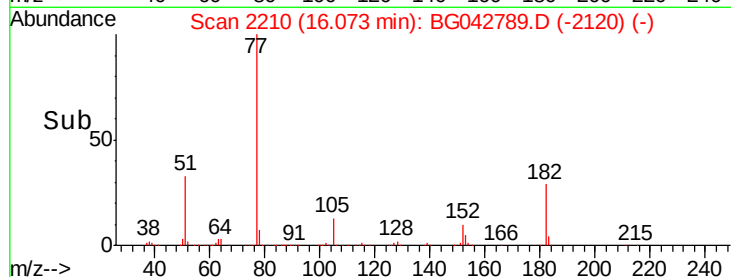
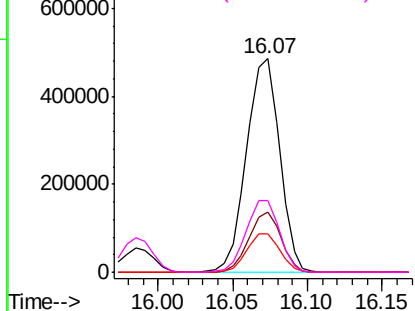
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.4	8.1	48.1
105	18.3	0.0	38.1
51	33.8	12.9	52.9

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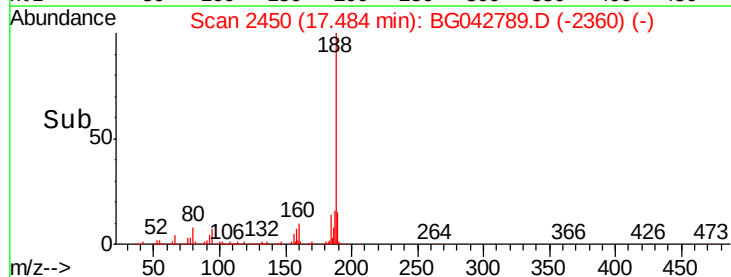
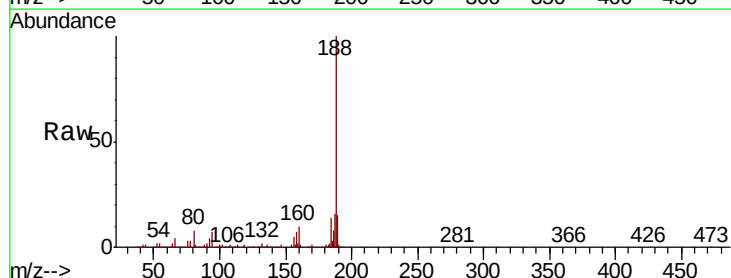
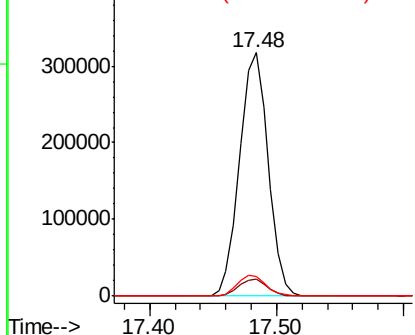
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

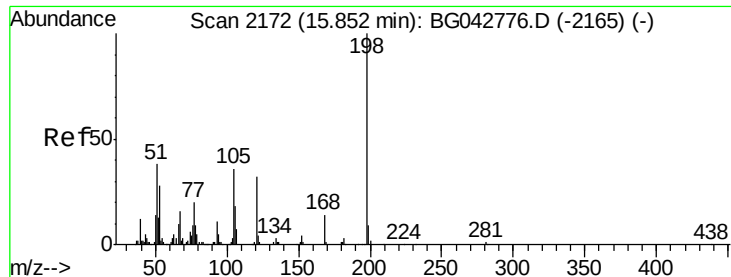


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	4.8	7.2
80	8.0	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: 55.829 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

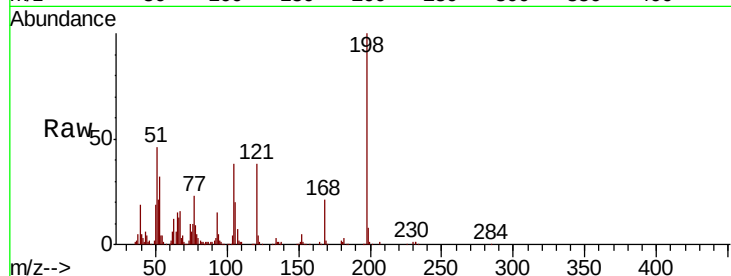
ClientSampleId :

GIS-4(0-4)MS

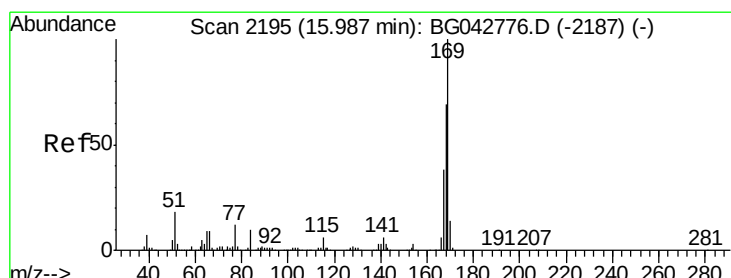
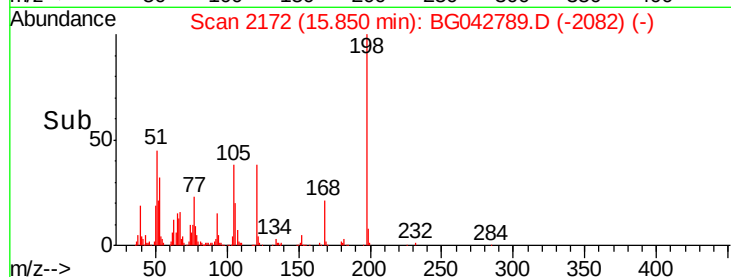
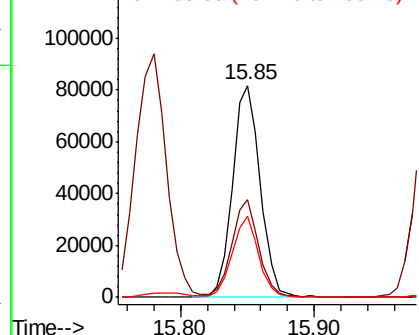
Tot Ion:	198	Resp:	118280
Ion Ratio	Lower	Upper	
198	100		
51	45.8	20.9	60.9
105	38.2	16.4	56.4

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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: 49.104 ng

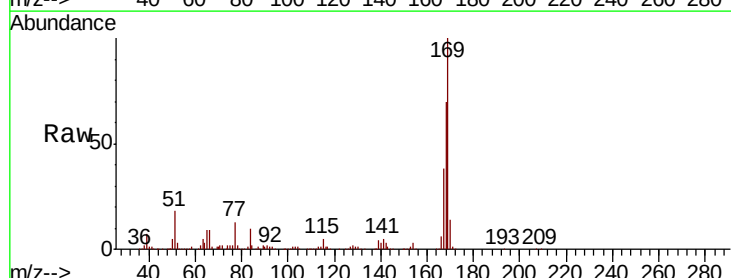
RT: 15.99 min Scan# 2195

Delta R.T. -0.00 min

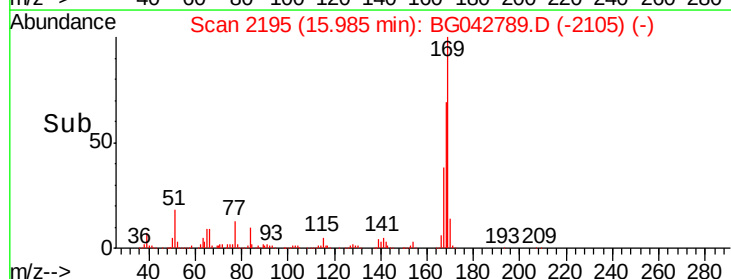
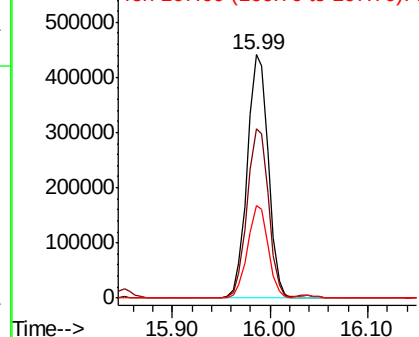
Lab File: BG042789.D

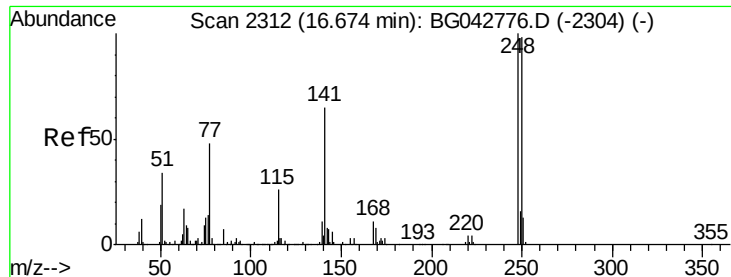
Acq: 12 Sep 2019 19:34

Tgt Ion:	169	Resp:	654255
Ion Ratio	Lower	Upper	
169	100		
168	69.5	55.4	83.2
167	38.1	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





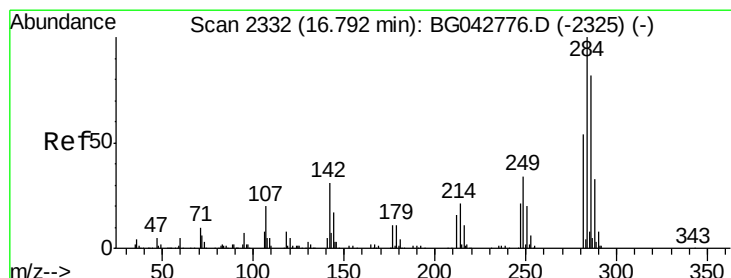
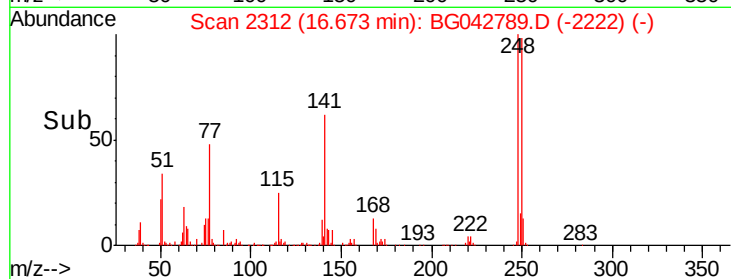
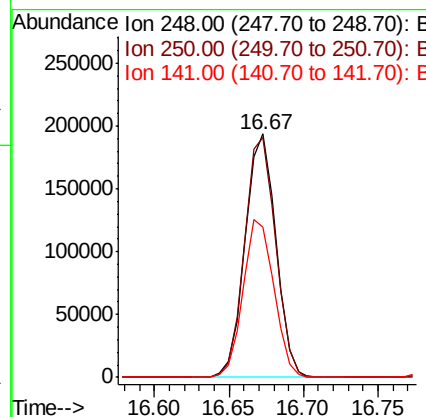
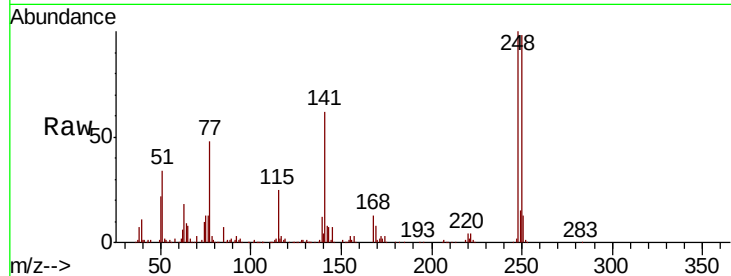
#67
 4-Bromophenyl-phenylether
 Concen: 46.000 ng
 RT: 16.67 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :
 GIS-4(0-4)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.0	117.0
141	61.8	51.8	77.6

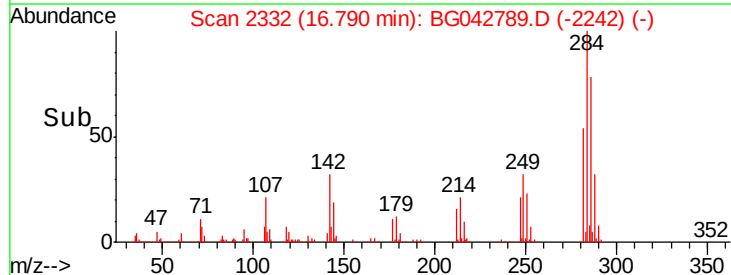
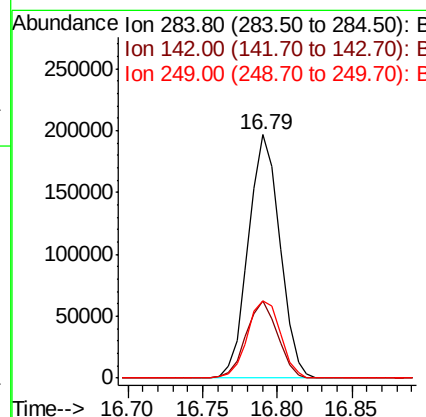
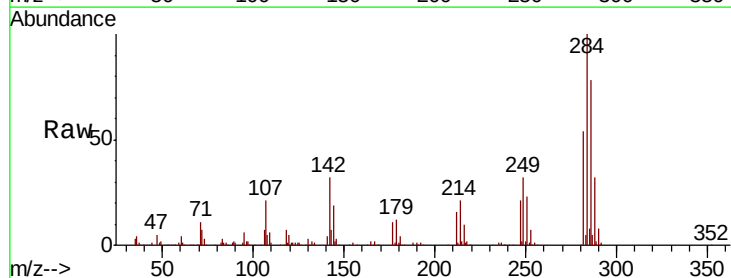
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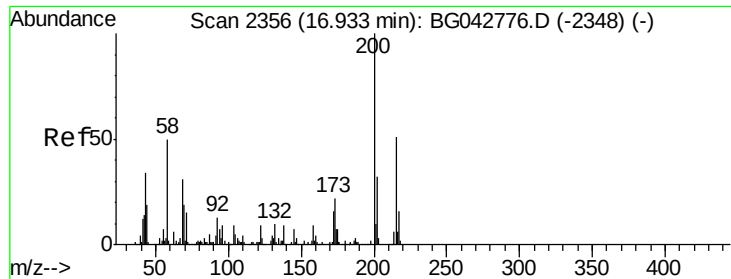
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#68
 Hexachlorobenzene
 Concen: 44.852 ng
 RT: 16.79 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	24.7	37.1
249	31.6	27.0	40.4





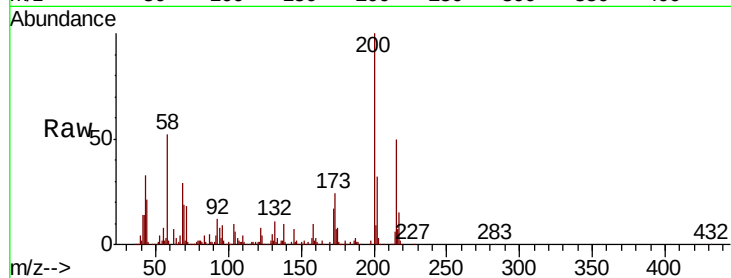
#69
Atrazine
Concen: 54.769 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	254118		
173	23.8		2.5	42.5
215	49.5		31.0	71.0

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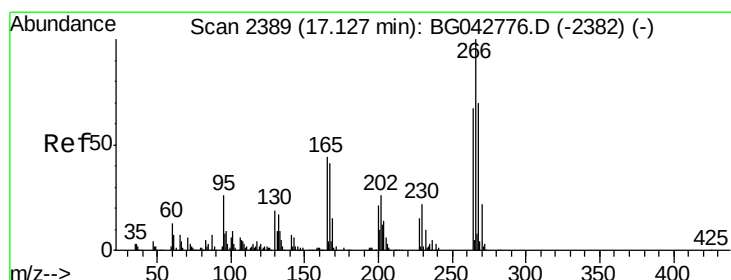
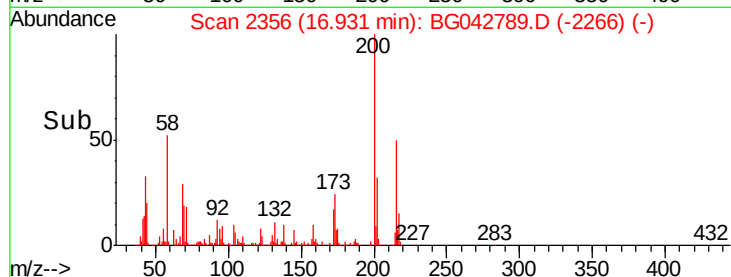
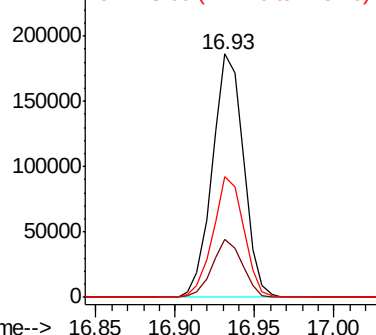


Abundance

Ion 200.00 (199.70 to 200.70): E

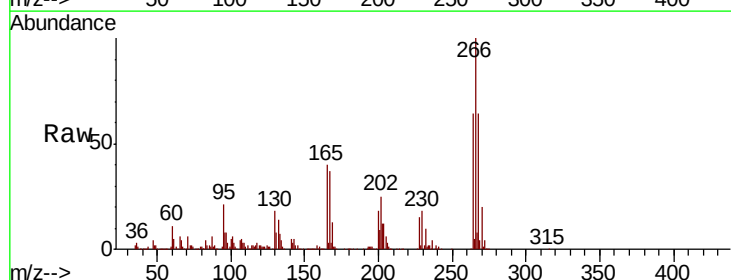
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 105.303 ng
RT: 17.13 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	400032		
268	63.8		56.2	84.4
264	63.6		53.4	80.2

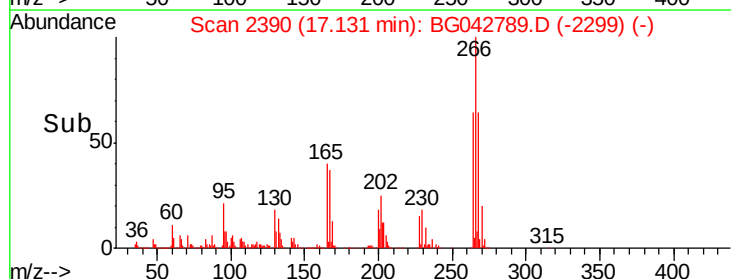
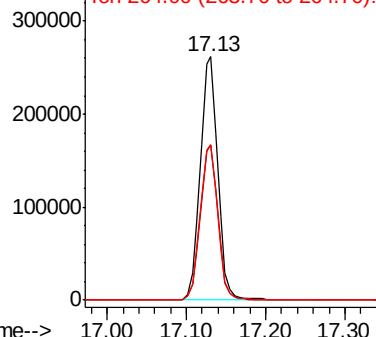


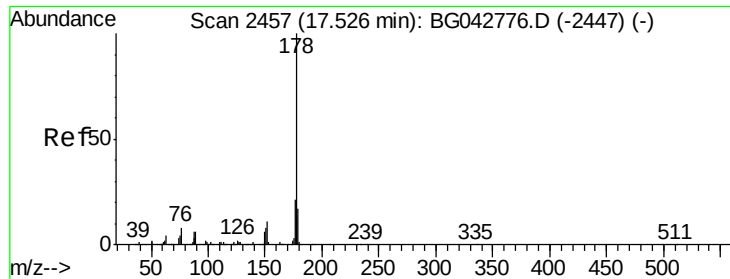
Abundance

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: 48.333 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

GIS-4(0-4)MS

Tot Ion:178 Resp: 1144501

Ion Ratio Lower Upper

178 100

176 21.8 17.0 25.4

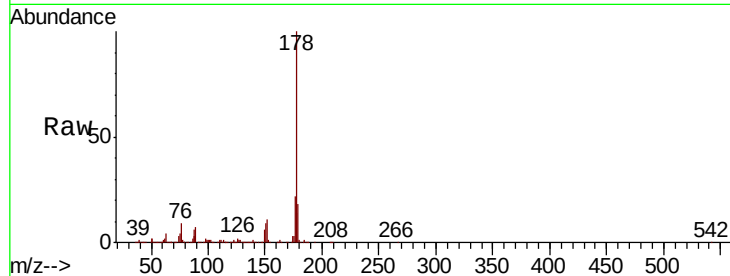
179 18.4 13.6 20.4

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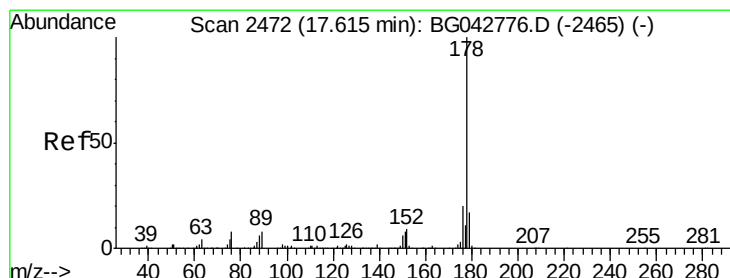
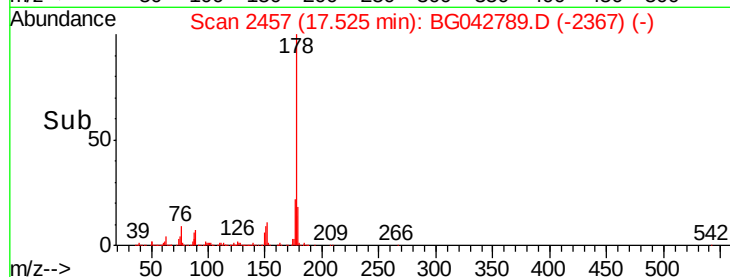
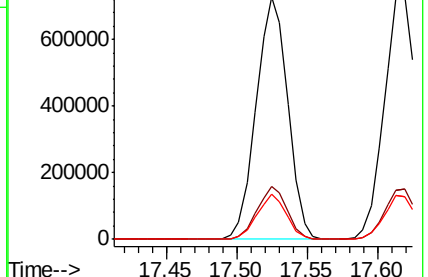
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.530 ng

RT: 17.62 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Tgt Ion:178 Resp: 1171730

Ion Ratio Lower Upper

178 100

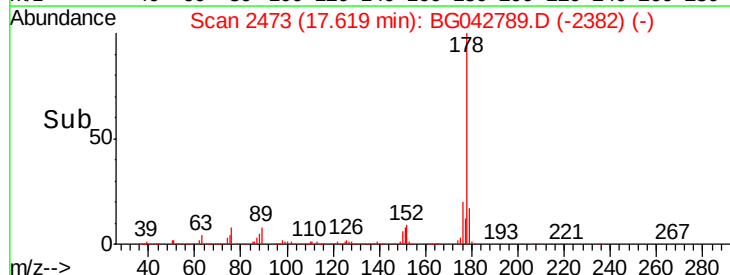
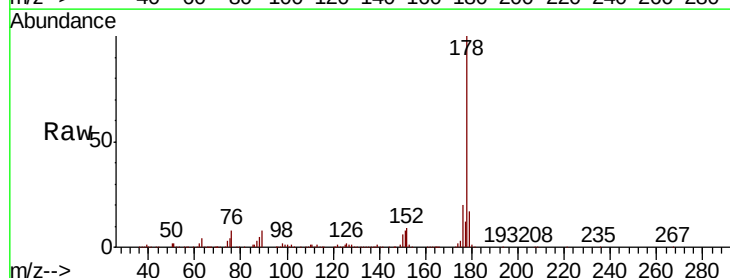
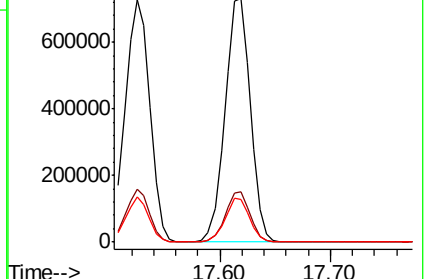
176 20.5 16.2 24.4

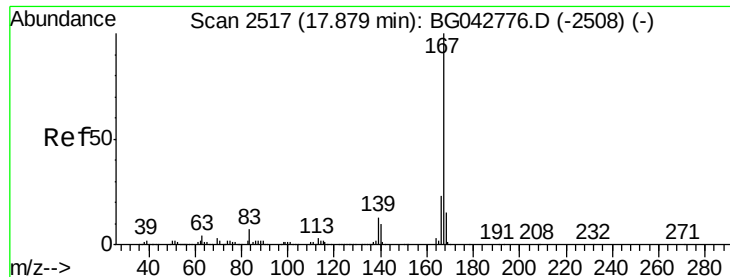
179 17.5 13.6 20.4

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





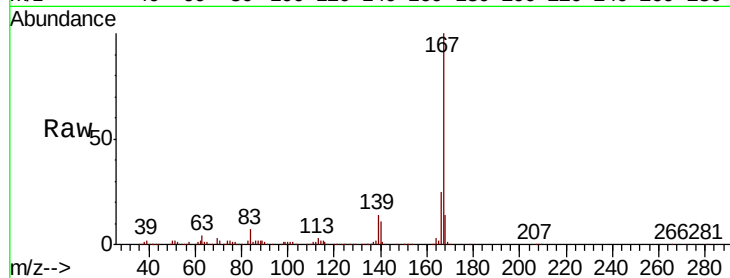
#73
 Carbazole
 Concen: 48.946 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :
 GIS-4(0-4)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.9	18.3	27.5
139	13.9	10.2	15.4

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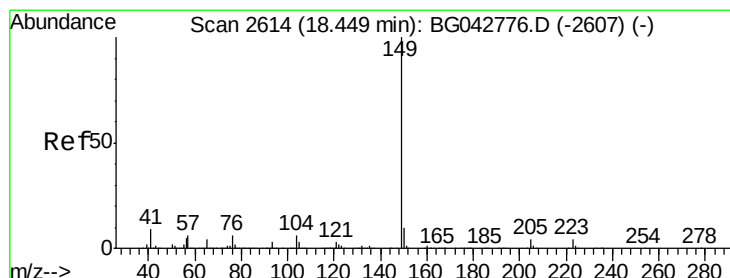
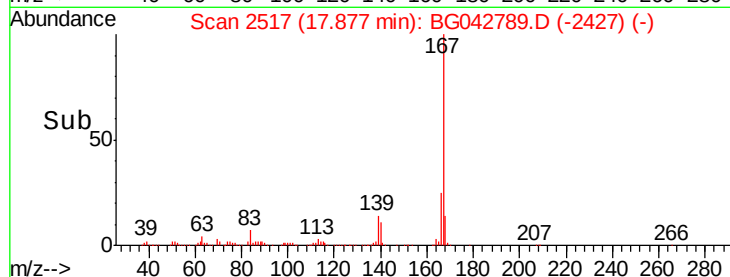
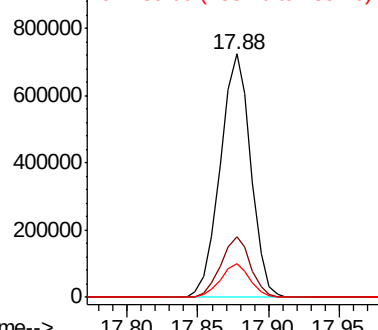


Abundance

Ion 167.00 (166.70 to 167.70): E

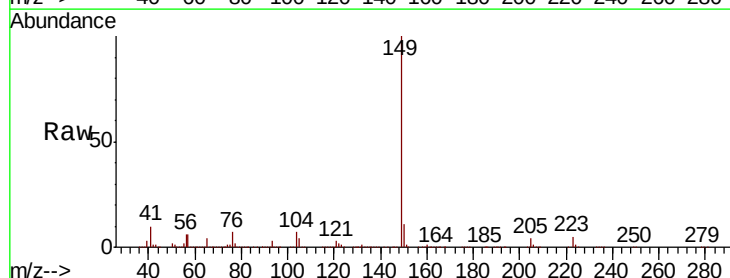
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 46.878 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.0	12.0
104	7.0	5.1	7.7

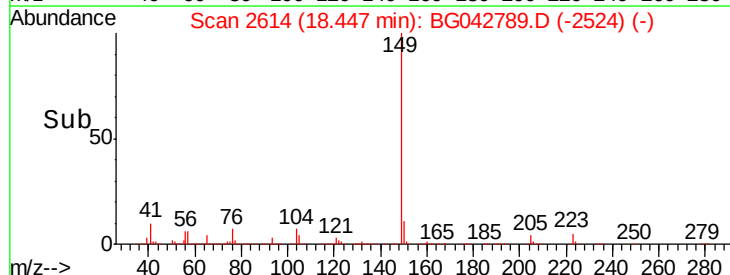
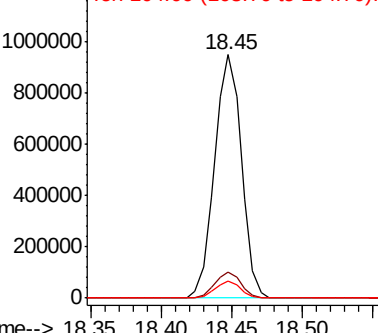


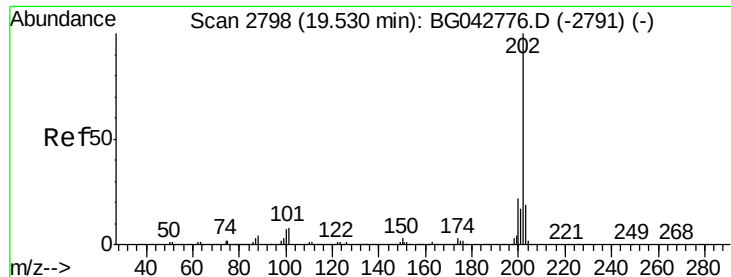
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.471 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampled :

GIS-4(0-4)MS

Tot Ion:202 Resp: 1518227

Ion Ratio Lower Upper

202 100

101 8.4 0.0 27.8

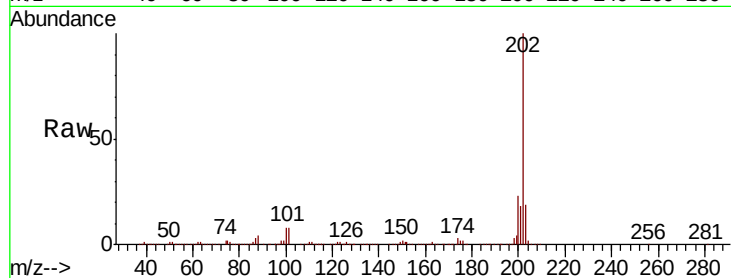
203 19.4 0.0 39.1

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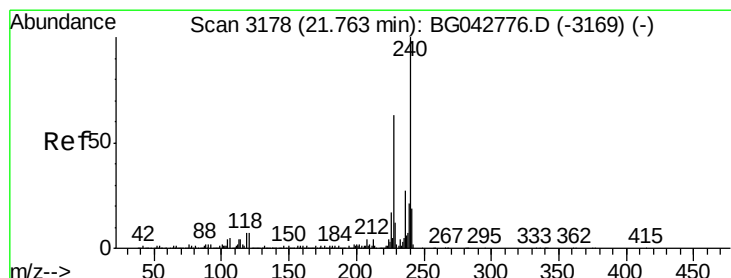
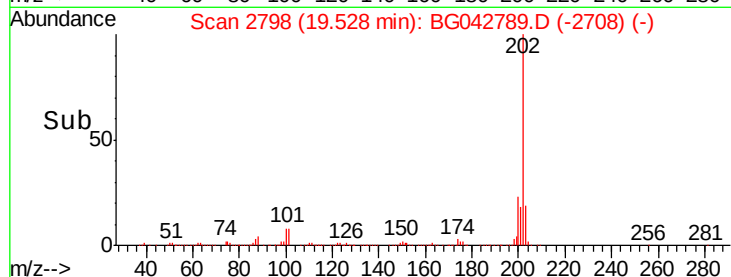
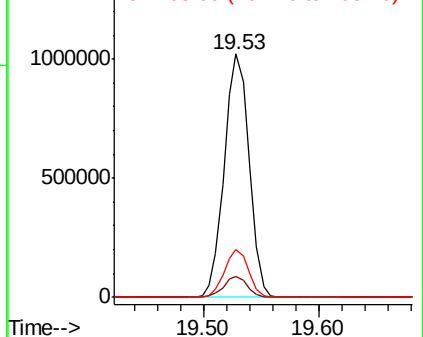
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

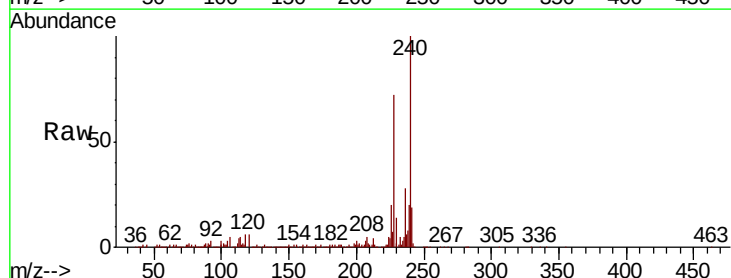
Tgt Ion:240 Resp: 497211

Ion Ratio Lower Upper

240 100

120 6.2 5.4 8.2

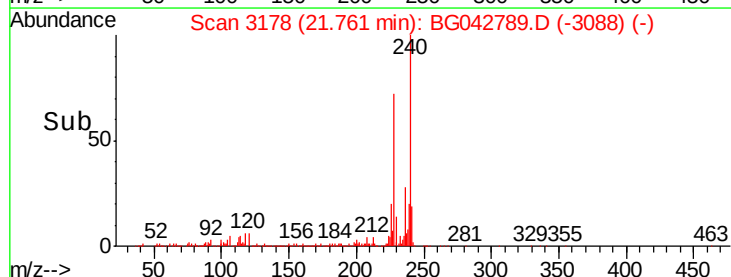
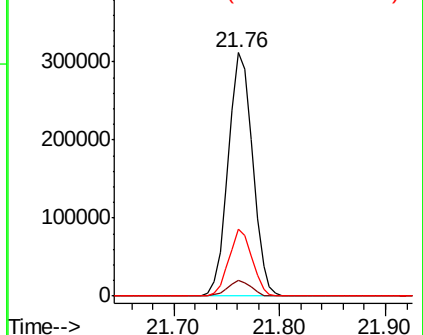
236 27.5 21.7 32.5

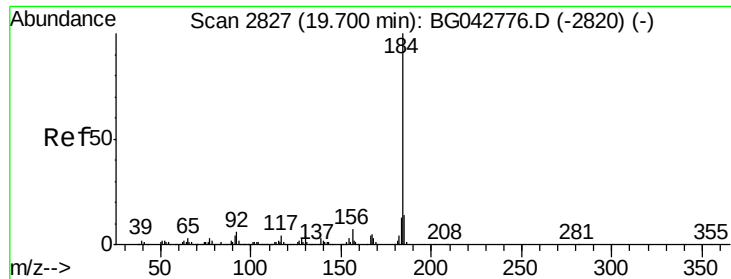


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.762 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

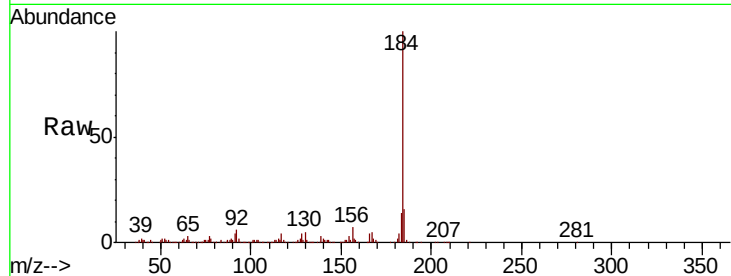
ClientSampleId :

GIS-4(0-4)MS

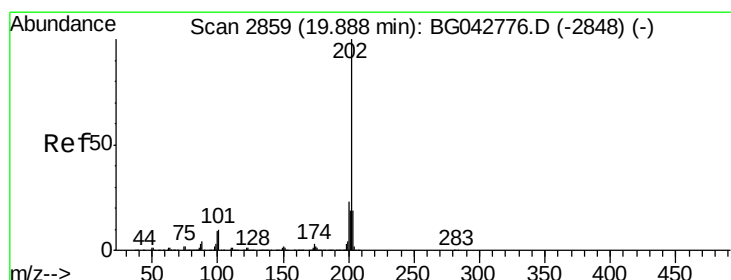
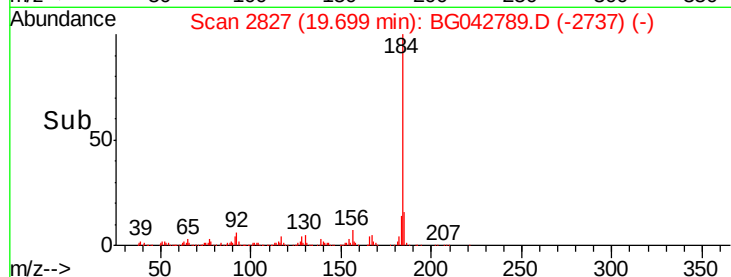
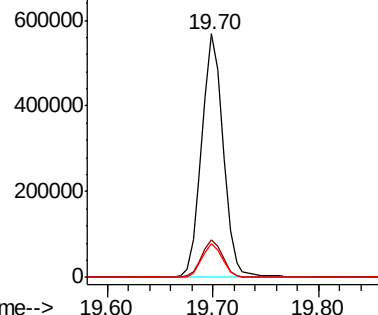
Tot Ion:	184	Resp:	802405
Ion Ratio	Lower	Upper	
184	100		
185	15.6	11.6	17.4
183	13.8	10.4	15.6

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



#78

Pyrene

Concen: 48.659 ng

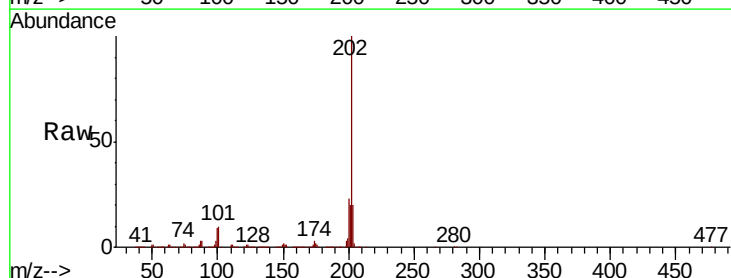
RT: 19.89 min Scan# 2860

Delta R.T. 0.00 min

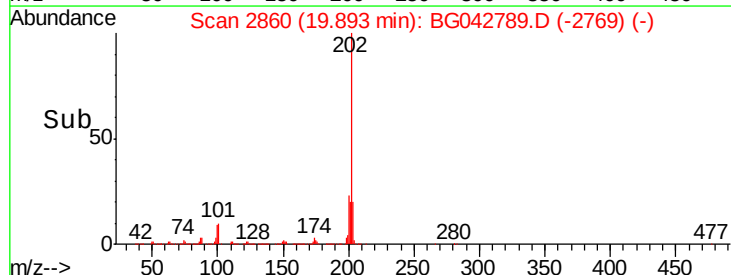
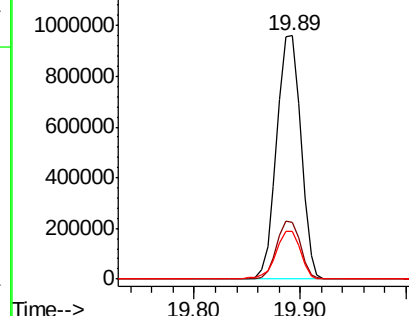
Lab File: BG042789.D

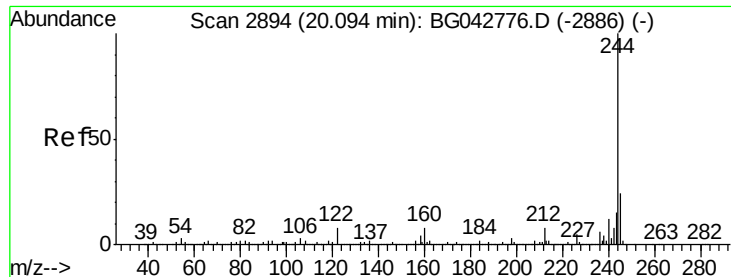
Acq: 12 Sep 2019 19:34

Tgt Ion:	202	Resp:	1514702
Ion Ratio	Lower	Upper	
202	100		
200	23.5	18.5	27.7
203	19.8	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: 66.826 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

GIS-4(0-4)MS

Tot Ion:244 Resp: 1499218

Ion Ratio Lower Upper

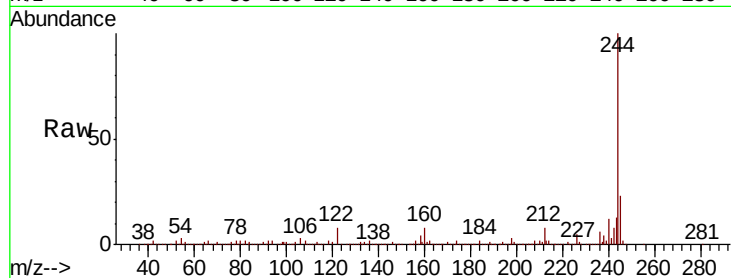
244 100

212 8.1 6.6 10.0

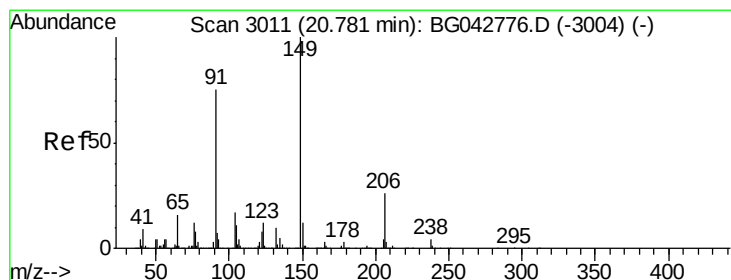
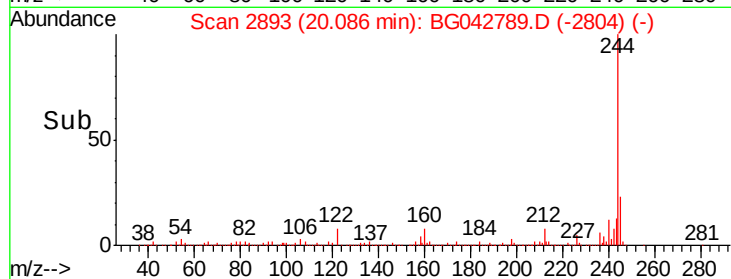
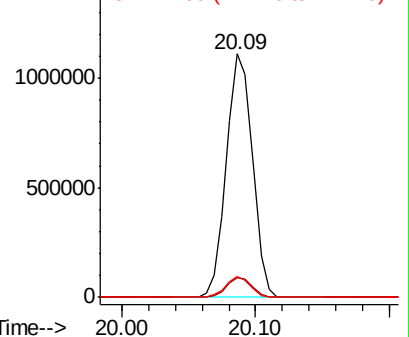
122 8.4 6.2 9.4

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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: 47.330 ng

RT: 20.78 min Scan# 3011

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

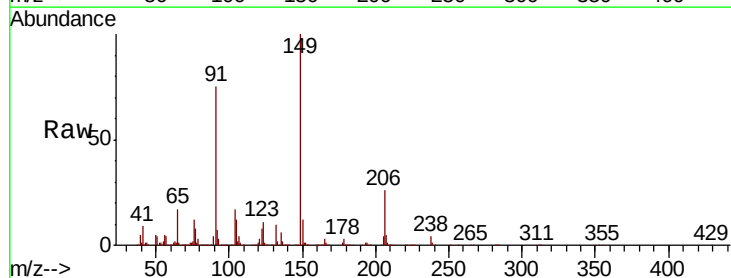
Tgt Ion:149 Resp: 596263

Ion Ratio Lower Upper

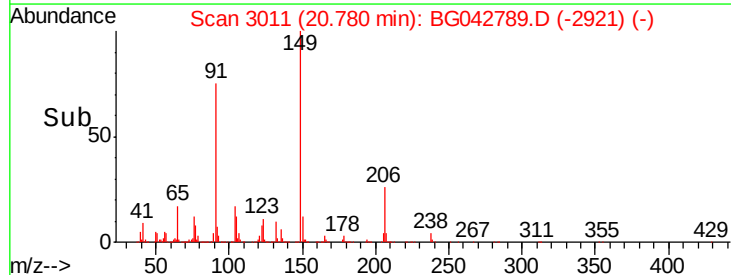
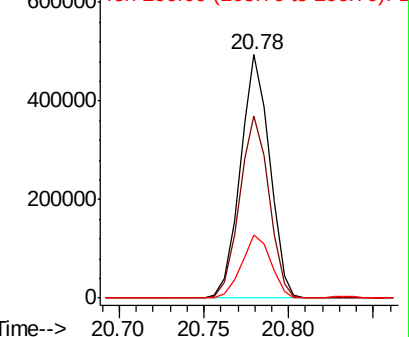
149 100

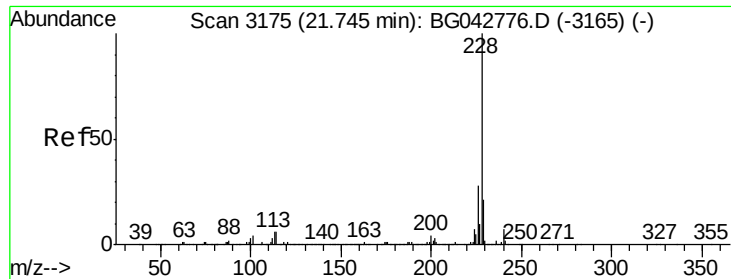
91 74.8 60.2 90.2

206 26.1 20.6 30.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





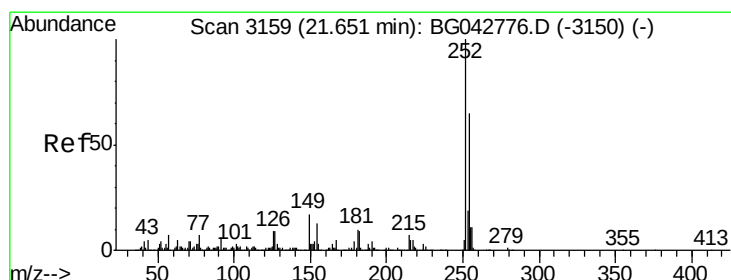
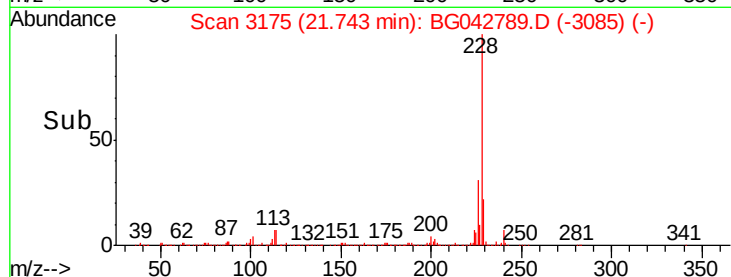
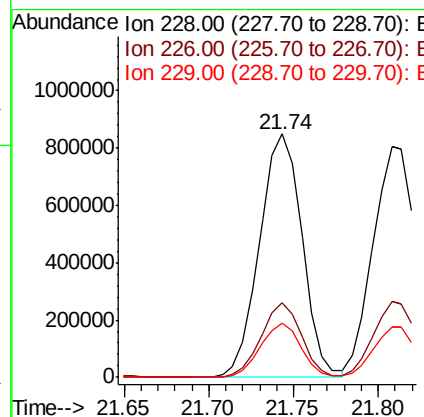
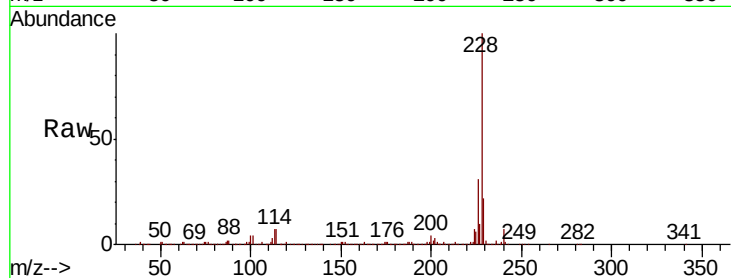
#81
Benzo(a)anthracene
Concen: 47.108 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	30.6	22.5	33.7	
229	22.5	17.2	25.8	

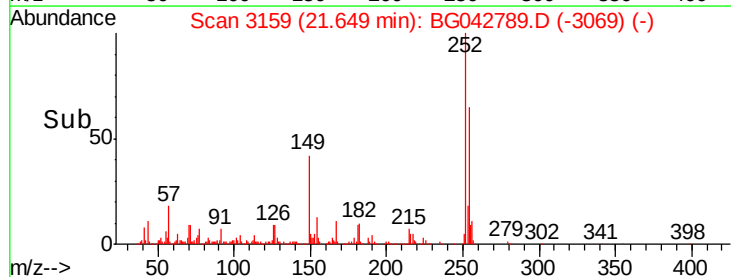
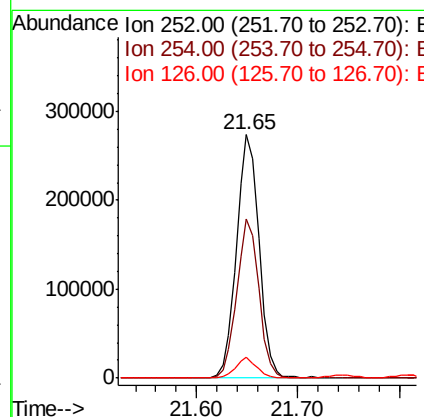
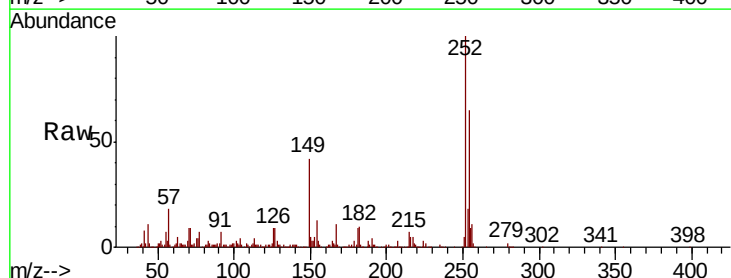
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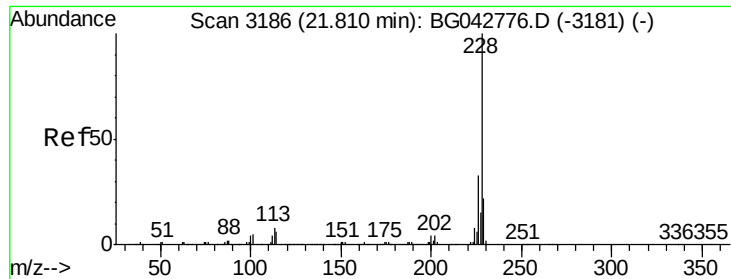
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#82
3,3'-Dichlorobenzidine
Concen: 34.387 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
254	65.4	52.2	78.2	
126	8.6	7.0	10.4	





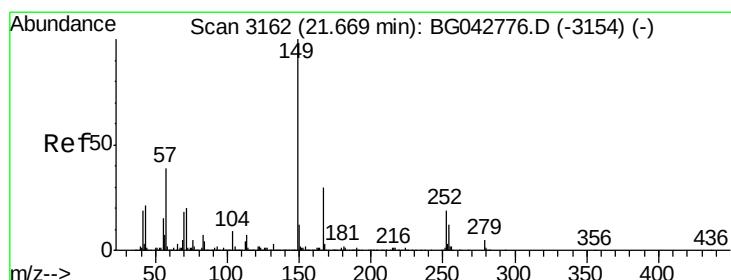
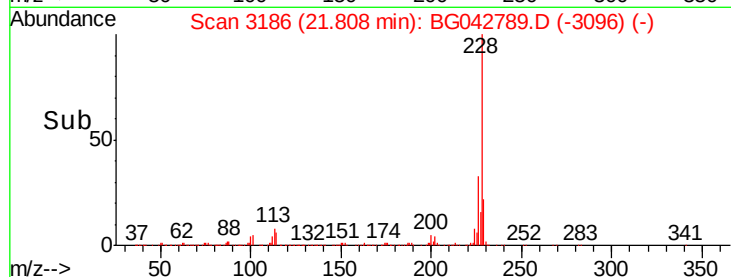
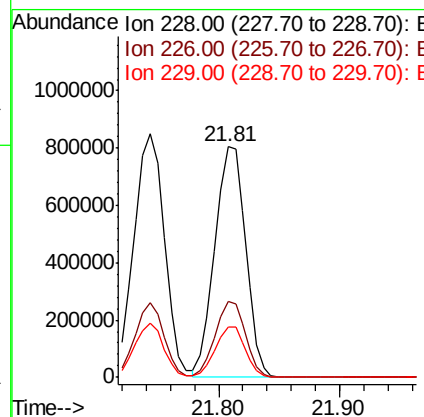
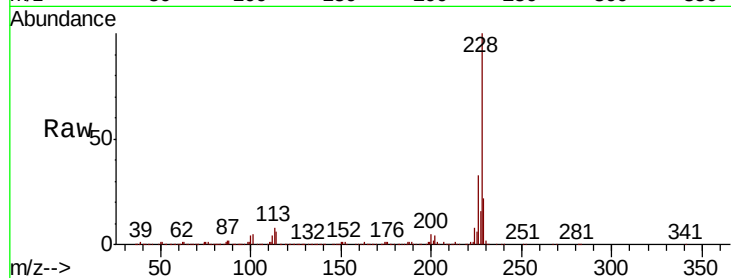
#83
 Chrysene
 Concen: 47.413 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :
 GIS-4(0-4)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	26.0	39.0
229	21.7	17.1	25.7

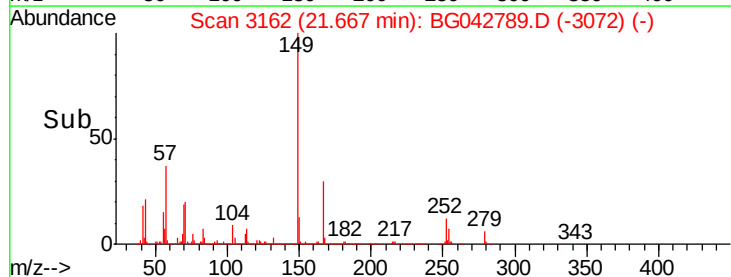
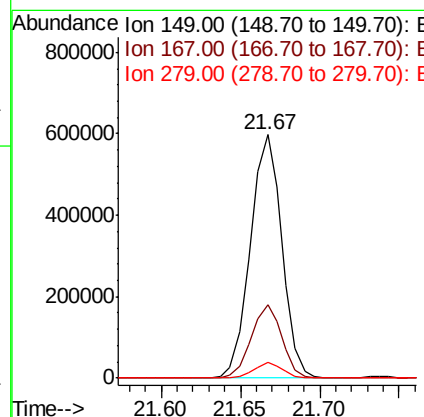
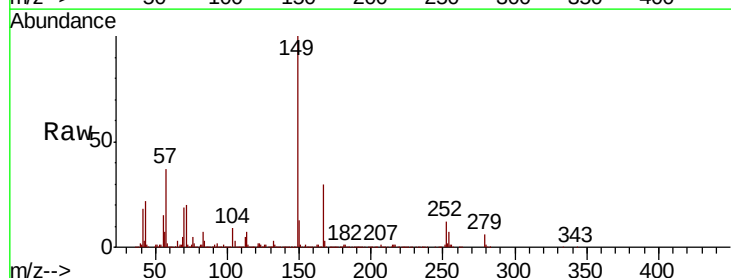
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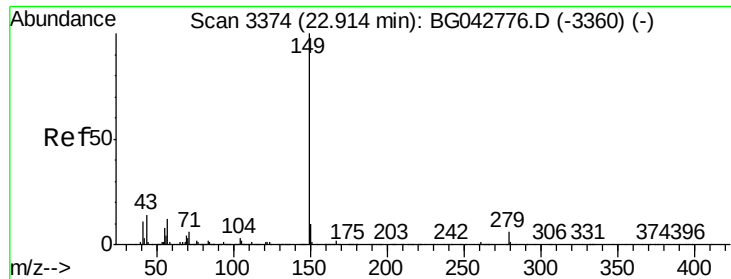
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.893 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.3	36.5
279	6.3	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 48.548 ng

RT: 22.91 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

GIS-4(0-4)MS

Tot Ion:149 Resp: 1424633

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

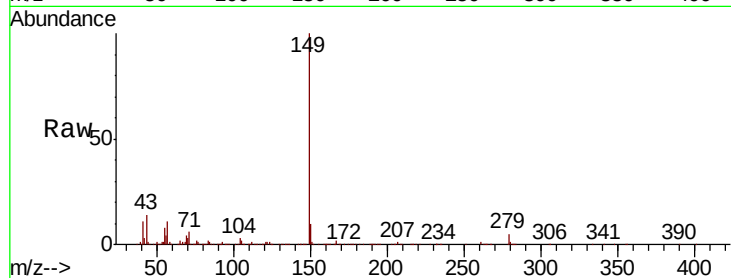
43 13.4 10.6 15.8

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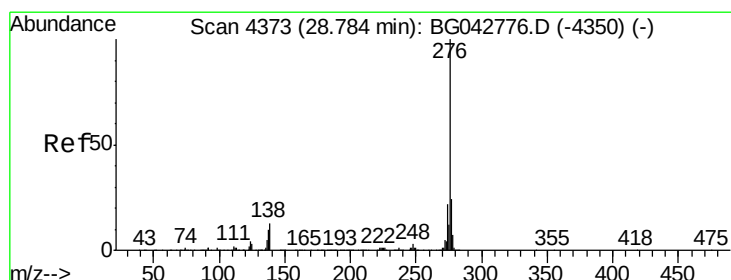
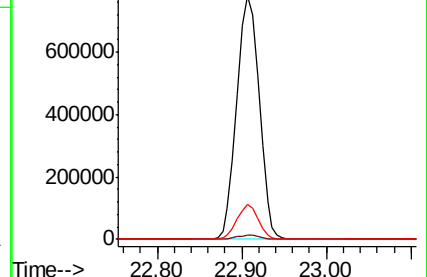
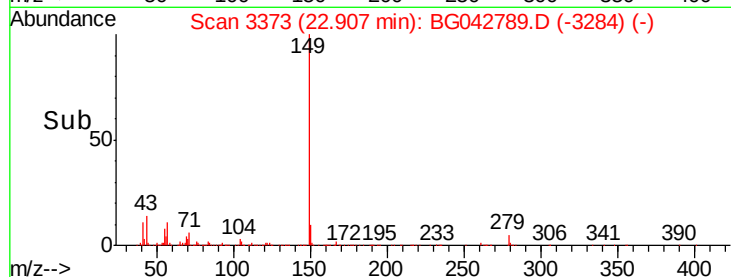
9/16/2019 9:03:30 AM



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: 49.155 ng

RT: 28.78 min Scan# 4373

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

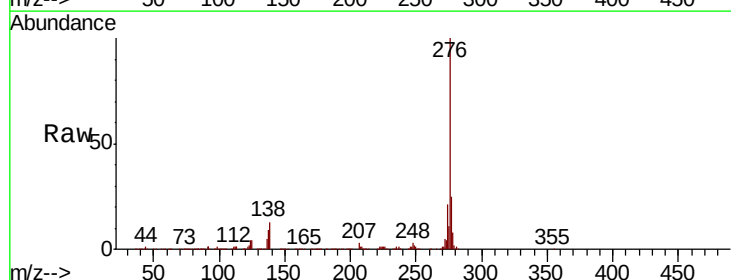
Tgt Ion:276 Resp: 1822817

Ion Ratio Lower Upper

276 100

138 12.3 9.3 13.9

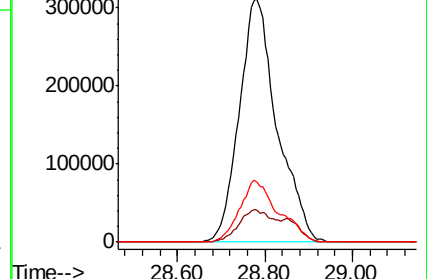
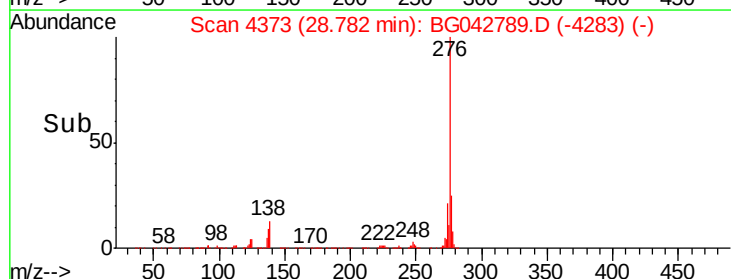
277 26.1 17.2 25.8#

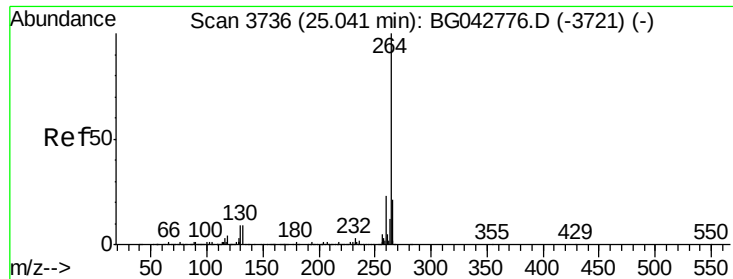


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3735

Delta R.T. -0.01 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

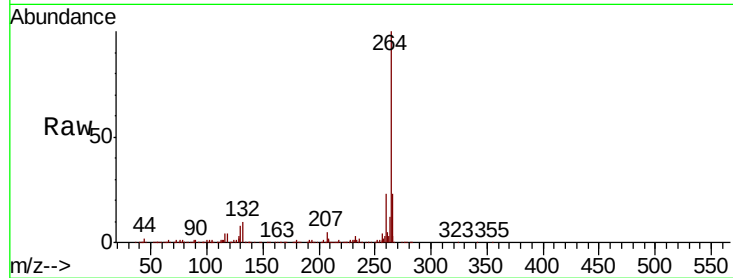
ClientSampleId :

GIS-4(0-4)MS

Tot Ion:	264	Resp:	564177
Ion Ratio		Lower	Upper
264	100		
260	23.1	18.2	27.2
265	23.4	16.9	25.3

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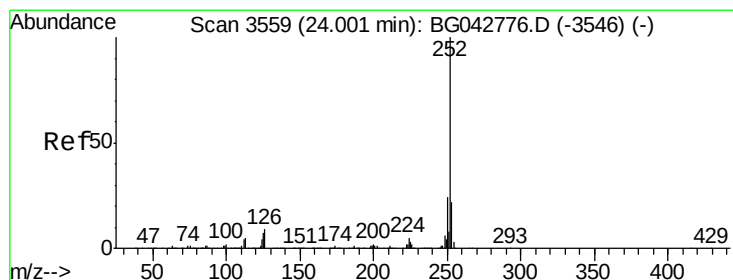
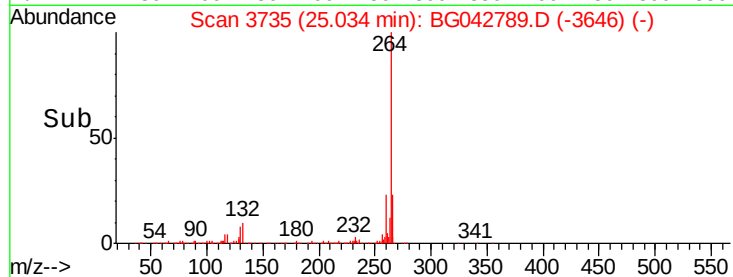
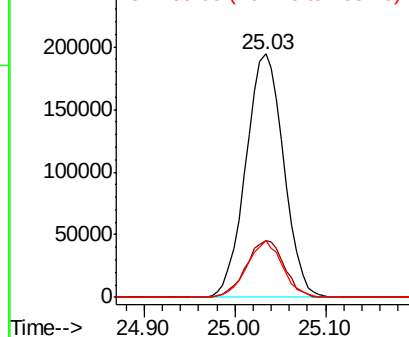


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.963 ng

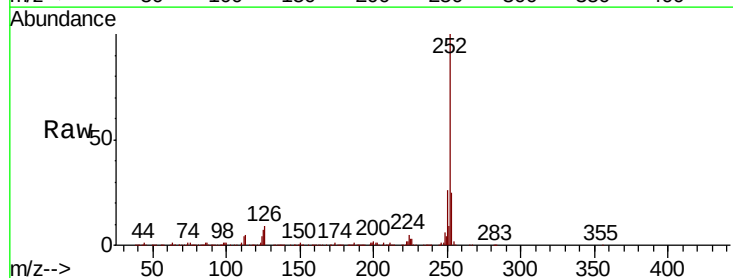
RT: 24.00 min Scan# 3559

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Tgt Ion:	252	Resp:	1588885
Ion Ratio		Lower	Upper
252	100		
253	24.9	17.9	26.9
125	7.0	5.6	8.4

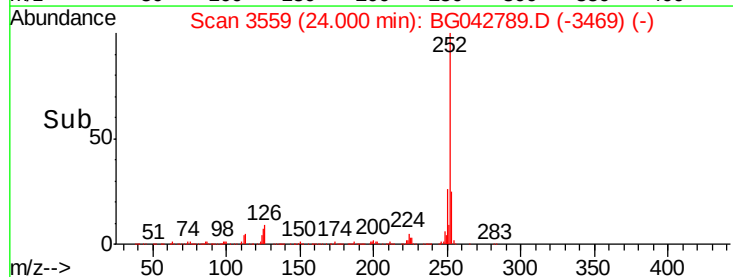
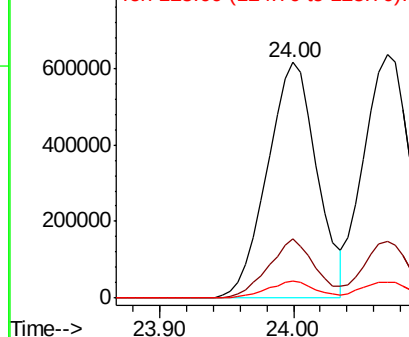


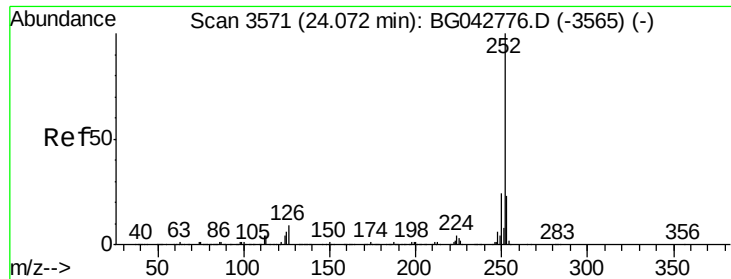
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.404 ng

RT: 24.07 min Scan# 3571

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

GIS-4(0-4)MS

Tot Ion:252 Resp: 1514692

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.4

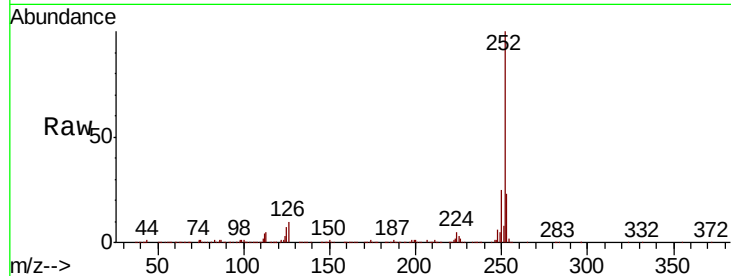
125 6.7 5.3 7.9

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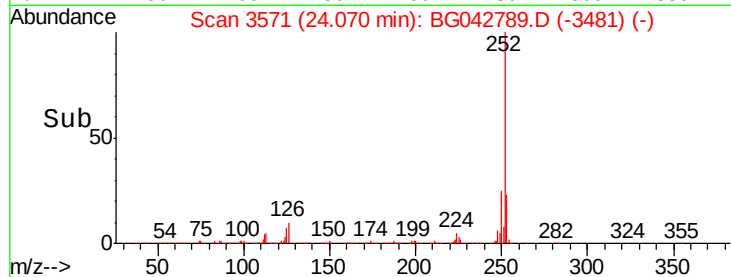


Abundance Ion 252.00 (251.70 to 252.70): E

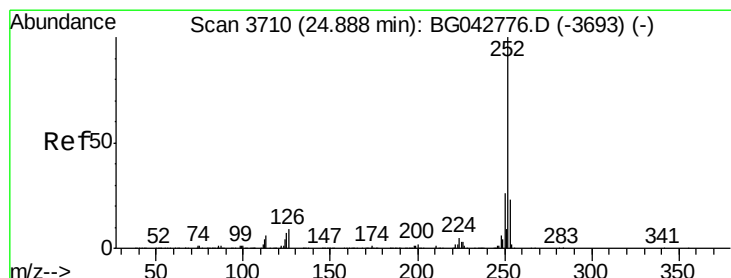
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

24.07



Time-->



#90

Benzo(a)pyrene

Concen: 49.920 ng

RT: 24.89 min Scan# 3710

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

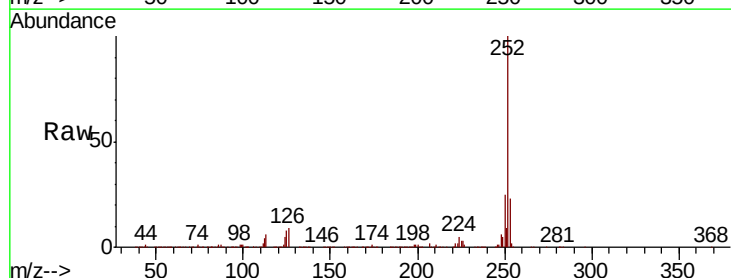
Tgt Ion:252 Resp: 1548483

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 7.7 5.7 8.5

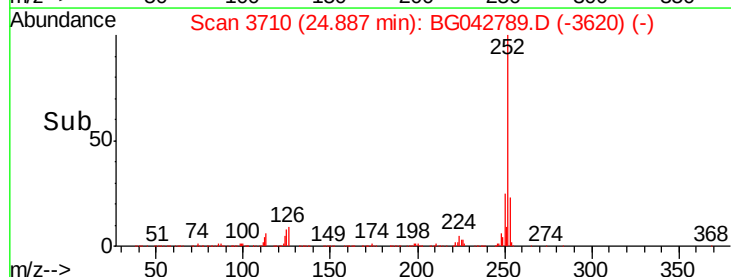


Abundance Ion 252.00 (251.70 to 252.70): E

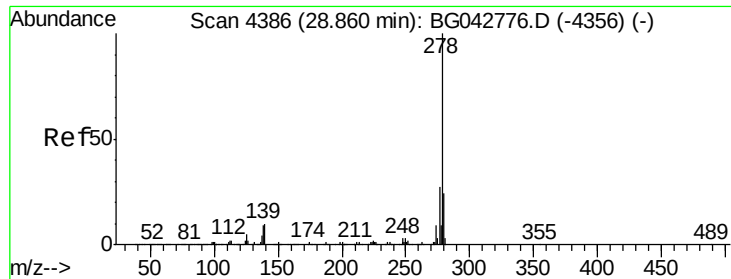
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

24.89



Time-->



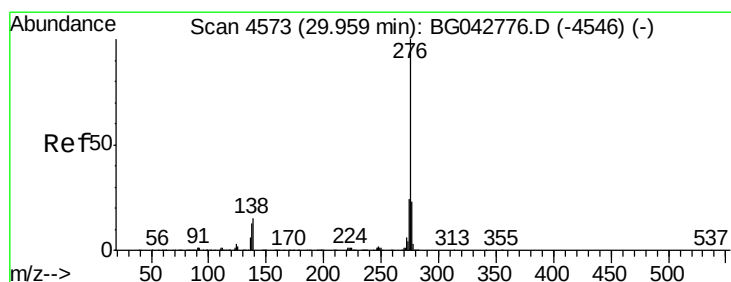
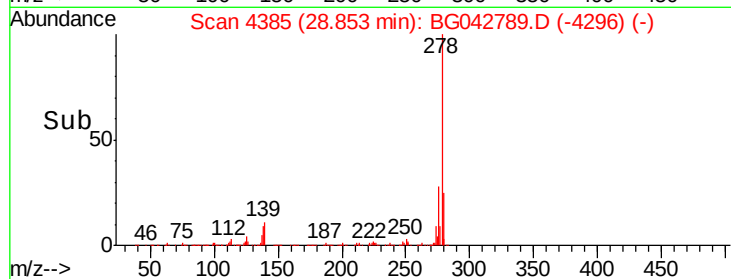
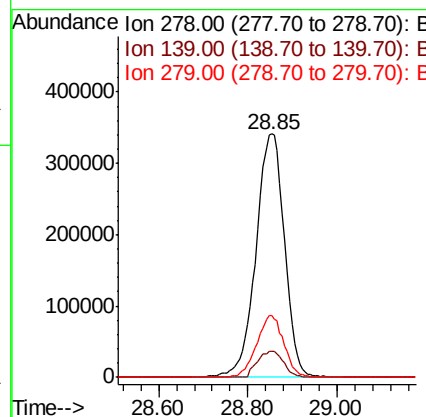
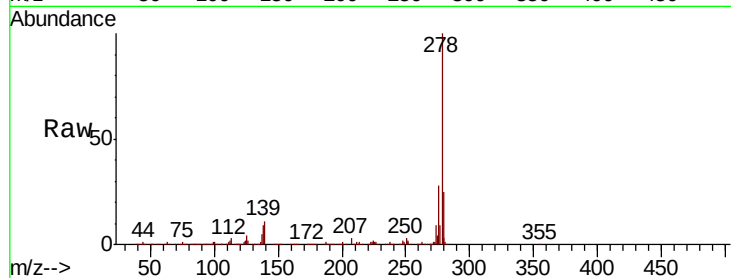
#91
Dibenzo(a,h)anthracene
Concen: 49.060 ng
RT: 28.85 min Scan# 4385
Delta R.T. -0.01 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.8	8.2	12.2
279	25.3	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/16/2019 9:03:30 AM



#92
Benzo(g,h,i)perylene
Concen: 50.122 ng
RT: 29.96 min Scan# 4573
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	13.1	11.8	17.8

