

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042790.D
 Acq On : 12 Sep 2019 20:13
 Operator : HP/JU
 Sample : K4852-10MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 9/16/2019 9:03:34 AM

Quant Time: Sep 13 08:09:41 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	82437	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	309984	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	207275	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	480556	20.00	ng	0.00
76) Chrysene-d12	21.76	240	476540	20.00	ng	0.00
87) Perylene-d12	25.03	264	539674	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	687832	145.06	ng	0.00
7) Phenol-d6	7.27	99	990051	145.47	ng	0.00
23) Nitrobenzene-d5	9.28	82	609545	102.37	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	399293	144.80	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1256464	95.95	ng	0.00
79) Terphenyl-d14	20.09	244	2021053	93.99	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	77434	35.782	ng	98
3) Pyridine	3.98	79	216165	33.177	ng	96
4) n-Nitrosodimethylamine	3.89	42	135914	42.869	ng	99
6) Aniline	7.44	93	356989	38.877	ng	98
8) 2-Chlorophenol	7.68	128	246535	48.099	ng	95
9) Benzaldehyde	7.25	77	174540	39.409	ng	95
10) Phenol	7.30	94	351350	50.339	ng	98
11) bis(2-Chloroethyl)ether	7.54	93	239486	44.708	ng	98
12) 1,3-Dichlorobenzene	8.01	146	260960	41.743	ng	98
13) 1,4-Dichlorobenzene	8.16	146	266809	42.629	ng	98
14) 1,2-Dichlorobenzene	8.48	146	249181	41.824	ng	96
15) Benzyl Alcohol	8.35	79	270151	46.253	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	496507	42.208	ng	97
17) 2-Methylphenol	8.55	107	223460	47.855	ng	99
18) Hexachloroethane	9.22	117	96344	41.694	ng	96
19) n-Nitroso-di-n-propylamine	8.93	70	218199	43.509	ng	97
20) 3+4-Methylphenols	8.88	107	304319	47.278	ng	96
22) Acetophenone	8.94	105	382463	48.854	ng	98
24) Nitrobenzene	9.32	77	306677	49.071	ng	98
25) Isophorone	9.85	82	594028	47.864	ng	97
26) 2-Nitrophenol	10.03	139	129343	52.631	ng	94
27) 2,4-Dimethylphenol	10.09	122	245776	56.537	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	327297	47.289	ng	99
29) 2,4-Dichlorophenol	10.57	162	259659	51.400	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	281327	45.613	ng	97
31) Naphthalene	10.98	128	743645	48.588	ng	99
32) Benzoic acid	10.22	122	164646	46.972	ng	93
33) 4-Chloroaniline	11.07	127	200739	28.062	ng	97
34) Hexachlorobutadiene	11.28	225	193374	44.749	ng	96
35) Caprolactam	11.84	113	91459m	48.686	ng	
36) 4-Chloro-3-methylphenol	12.19	107	275622	50.250	ng	97
37) 2-Methylnaphthalene	12.58	142	553478	48.276	ng	98
38) 1-Methylnaphthalene	12.79	142	510197	47.447	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	342084	49.944	ng	99

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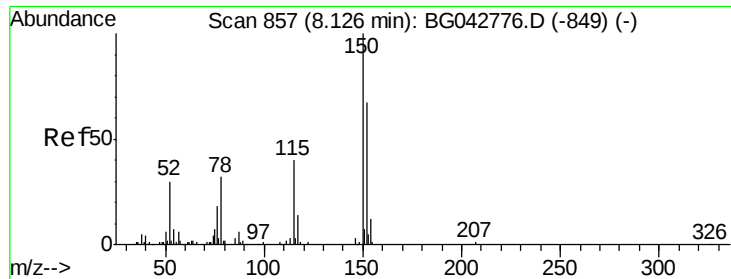
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	385244	98.182	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	228127	50.028	nq	95
44) 2,4,5-Trichlorophenol	13.24	196	246147	52.700	nq	98
46) 1,1'-Biphenyl	13.58	154	727938	50.166	nq	99
47) 2-Chloronaphthalene	13.62	162	571882	47.643	nq	100
48) 2-Nitroaniline	13.81	65	206066	49.488	nq	95
49) Acenaphthylene	14.46	152	919794	50.143	nq	98
50) Dimethylphthalate	14.19	163	841674	54.206	nq	100
51) 2,6-Dinitrotoluene	14.30	165	162507	51.005	nq	97
52) Acenaphthene	14.80	154	632032	52.741	nq	98
53) 3-Nitroaniline	14.63	138	130075	36.376	nq	99
54) 2,4-Dinitrophenol	14.83	184	163474	104.225	nq	# 75
55) Dibenzofuran	15.14	168	876832	49.226	nq	98
56) 4-Nitrophenol	14.93	139	283285	102.462	nq	96
57) 2,4-Dinitrotoluene	15.09	165	218476	51.445	nq	99
58) Fluorene	15.79	166	711645	48.207	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	237425m	52.438	nq	
60) Diethylphthalate	15.56	149	739355	46.909	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	416428	47.709	nq	99
62) 4-Nitroaniline	15.79	138	184356	47.830	nq	98
63) Azobenzene	16.07	77	746043	49.153	nq	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	117364	57.077	nq	95
66) n-Nitrosodiphenylamine	15.99	169	645981	49.955	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	279216	48.004	nq	97
68) Hexachlorobenzene	16.79	284	286822	46.149	nq	99
69) Atrazine	16.93	200	252128	55.990	nq	98
70) Pentachlorophenol	17.12	266	397632	107.848	nq	96
71) Phenanthrene	17.52	178	1132657	49.284	nq	99
72) Anthracene	17.62	178	1158310	50.448	nq	99
73) Carbazole	17.88	167	1088961	49.900	nq	97
74) Di-n-butylphthalate	18.45	149	1240084	47.437	nq	99
75) Fluoranthene	19.53	202	1489728	50.016	nq	99
77) Benzidine	19.70	184	818626	61.486	nq	98
78) Pyrene	19.89	202	1490482	49.958	nq	99
80) Butylbenzylphthalate	20.78	149	588683	48.755	nq	99
81) Benzo(a)anthracene	21.74	228	1449212	47.830	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	394436	33.498	nq	99
83) Chrysene	21.81	228	1390226	48.440	nq	98
84) Bis(2-ethylhexyl)phthalate	21.67	149	798173	48.380	nq	99
85) Di-n-octyl phthalate	22.91	149	1387644	49.338	nq	100
86) Indeno(1,2,3-cd)pyrene	28.78	276	1768596	49.761	nq	# 93
88) Benzo(b)fluoranthene	24.00	252	1562806	49.318	nq	98
89) Benzo(k)fluoranthene	24.07	252	1450377	48.453	nq	99
90) Benzo(a)pyrene	24.88	252	1503667	50.676	nq	98
91) Dibenzo(a,h)anthracene	28.85	278	1446248	49.557	nq	99
92) Benzo(g,h,i)perylene	29.95	276	1452249	51.017	nq	98

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



#1

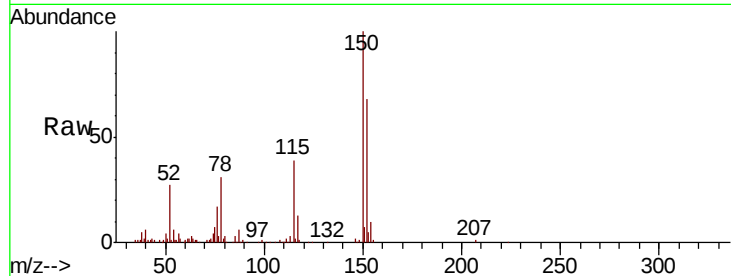
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	118.9	178.3
115	57.1	47.4	71.2

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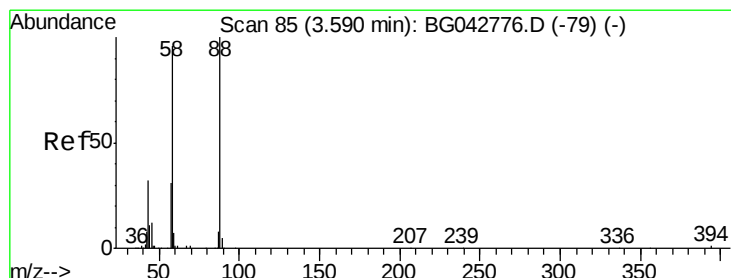
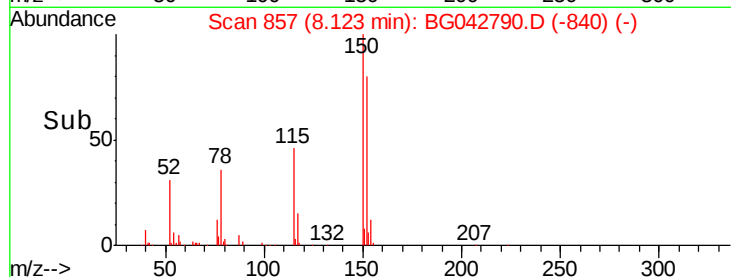
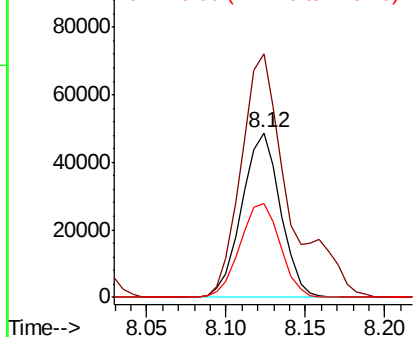


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

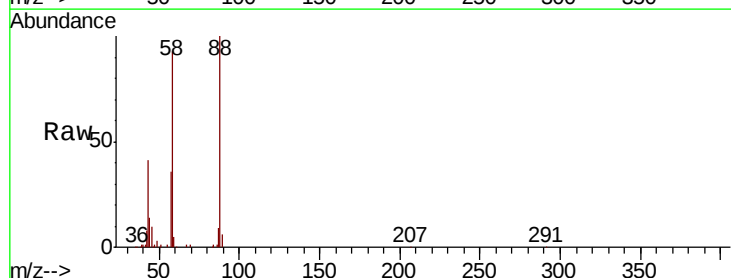
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.782 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.0	79.1	118.7
43	40.5	30.4	45.6

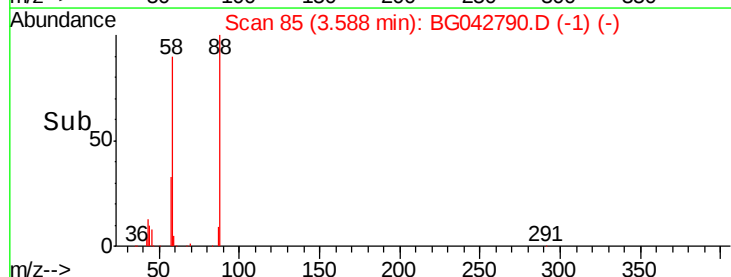
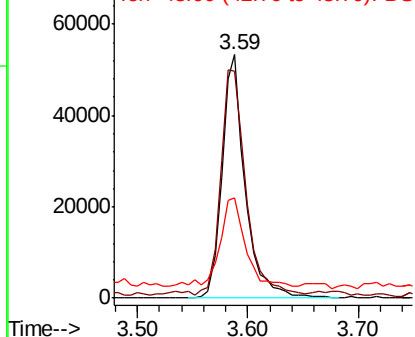


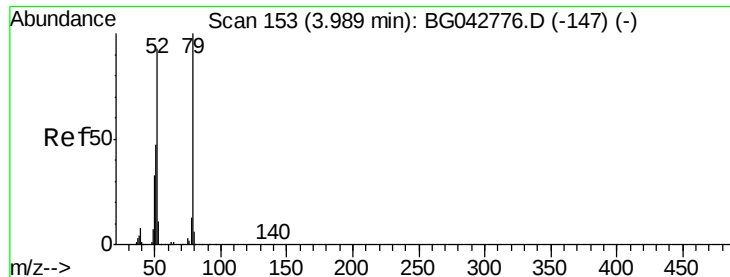
Abundance

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: 33.177 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Instrument :

BNA_G

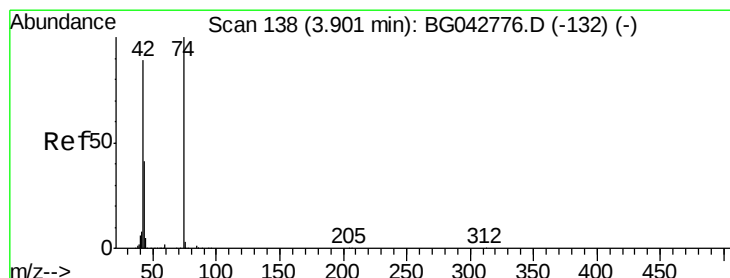
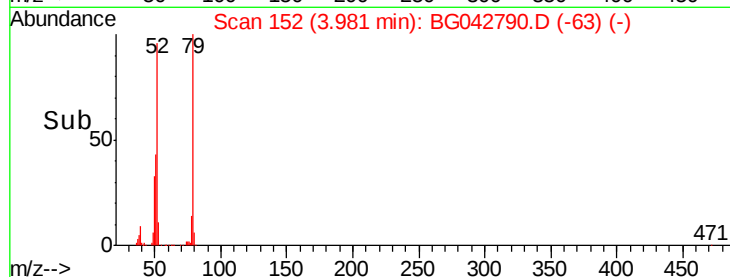
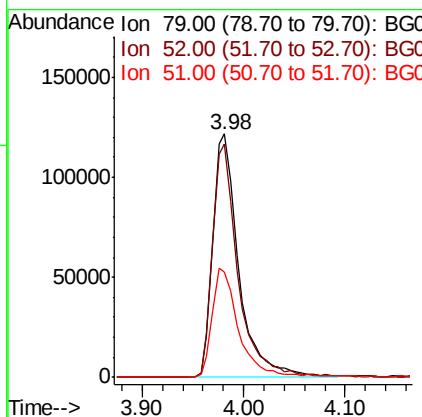
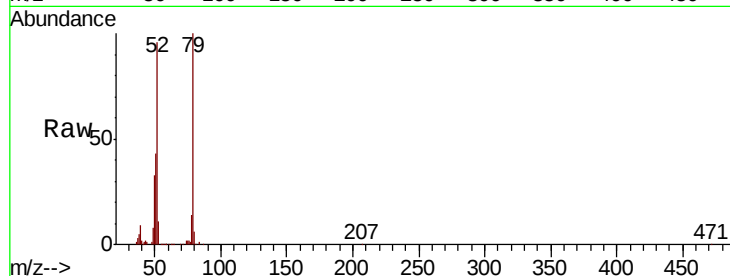
ClientSampleId :

GIS-4(0-4)MSD

Tot Ion:	79	Resp:	216165
Ion	Ratio	Lower	Upper
79	100		
52	96.1	74.0	111.0
51	43.3	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 42.869 ng

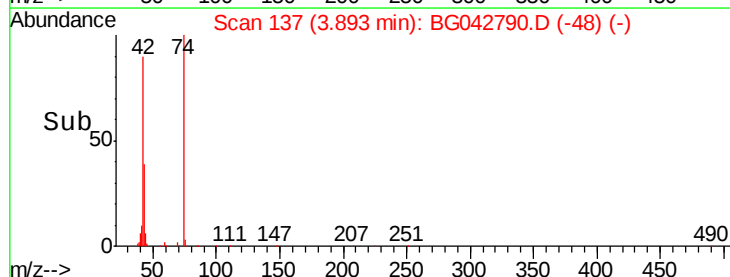
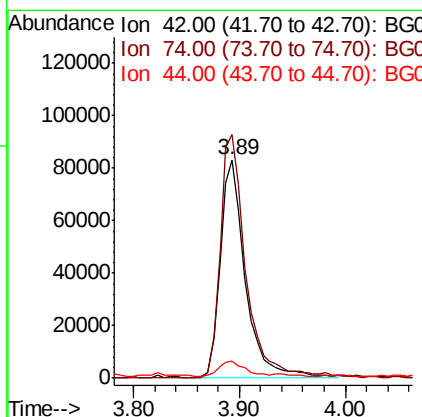
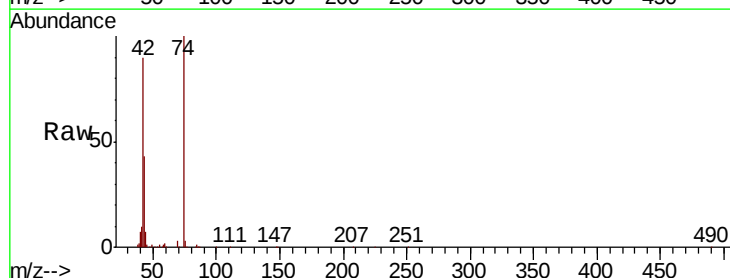
RT: 3.89 min Scan# 137

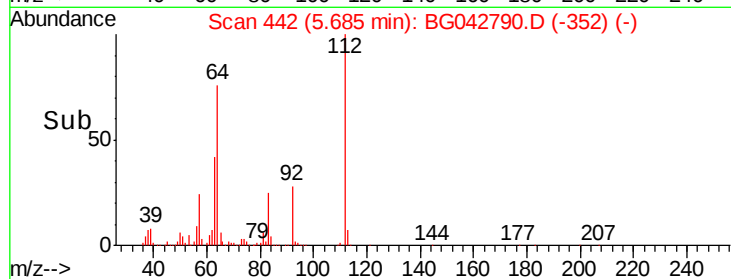
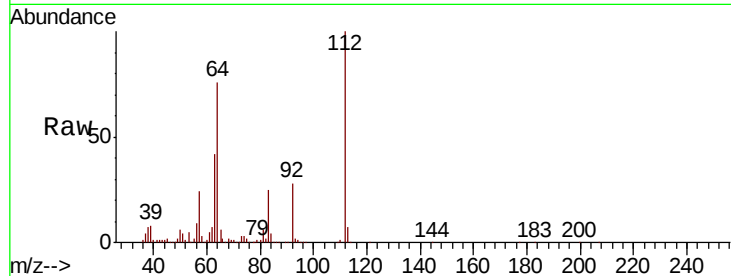
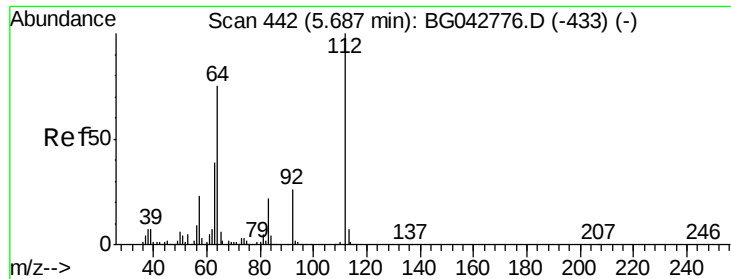
Delta R.T. -0.01 min

Lab File: BG042790.D

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Tgt Ion:	42	Resp:	135914
Ion	Ratio	Lower	Upper
42	100		
74	111.4	90.2	135.2
44	8.0	6.6	9.8





#5

2-Fluorophenol

Concen: 145.060 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Instrument :

BNA_G

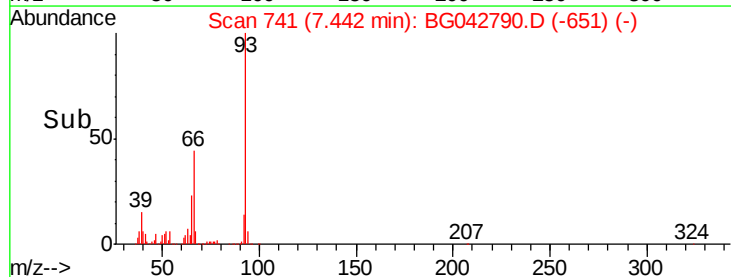
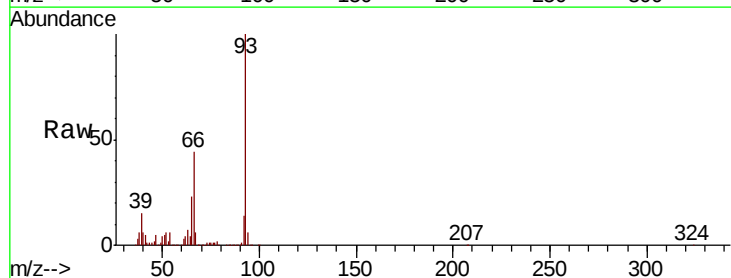
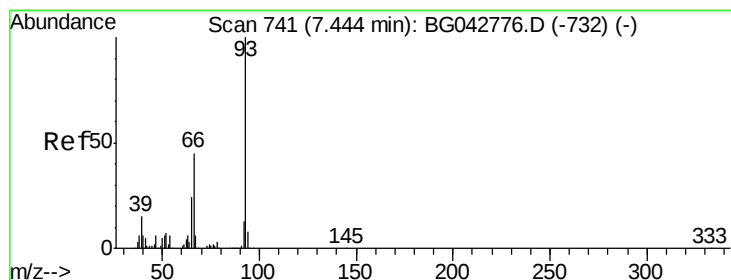
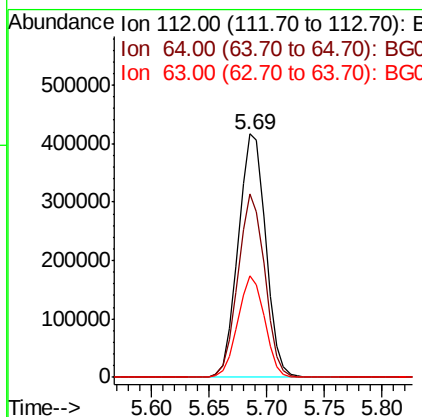
ClientSampleId :

GIS-4(0-4)MSD

Tot Ion:	112	Resp:	687832
Ion Ratio	Lower	Upper	
112	100		
64	75.6	60.2	90.2
63	41.8	31.2	46.8

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#6

Aniline

Concen: 38.877 ng

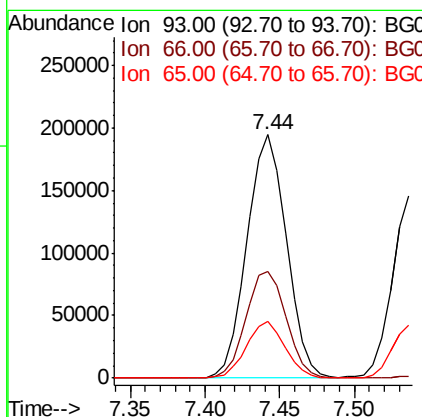
RT: 7.44 min Scan# 741

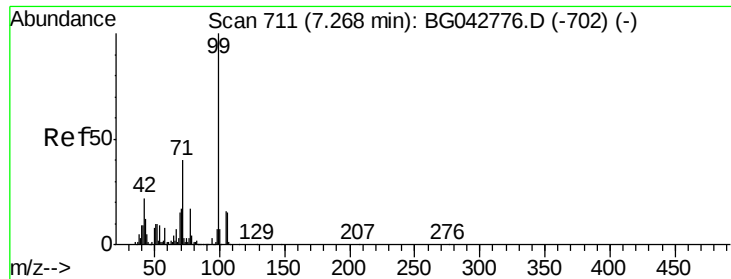
Delta R.T. -0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Tgt Ion:	93	Resp:	356989
Ion Ratio	Lower	Upper	
93	100		
66	44.0	36.3	54.5
65	23.3	19.3	28.9





#7

Phenol-d6

Concen: 145.468 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Instrument :

BNA_G

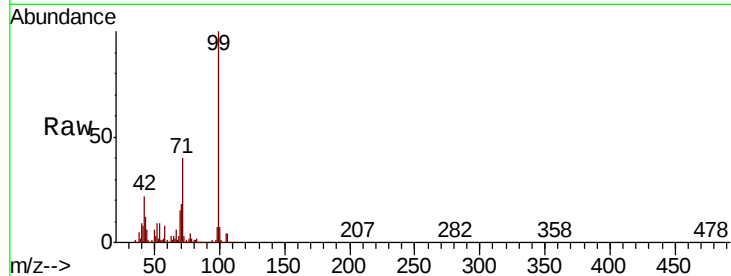
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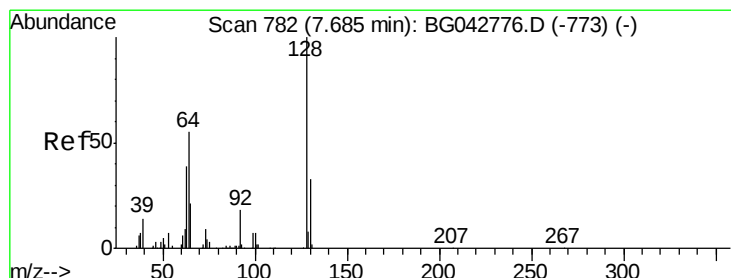
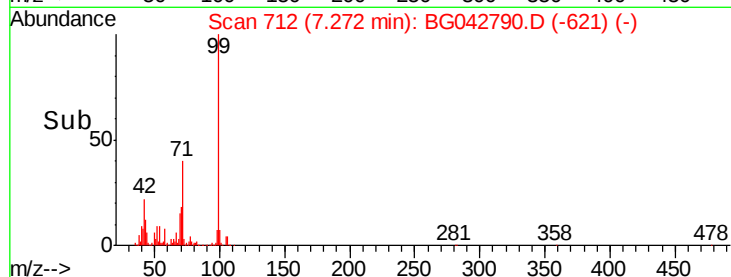
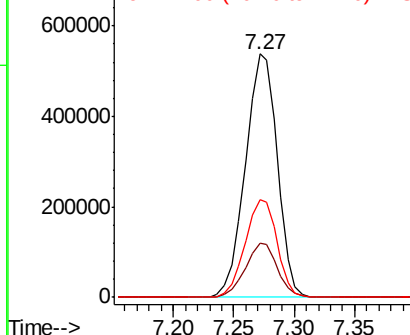
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		990051		
42	22.1	17.5	26.3		
71	40.2	32.0	48.0		

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.099 ng

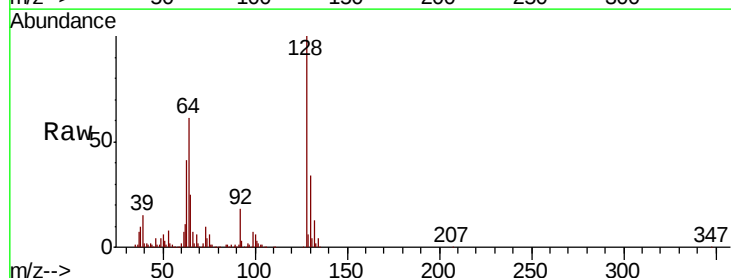
RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

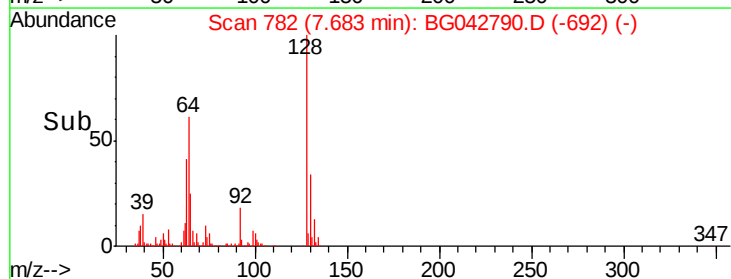
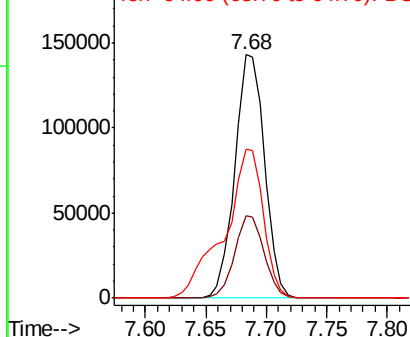
Lab File: BG042790.D

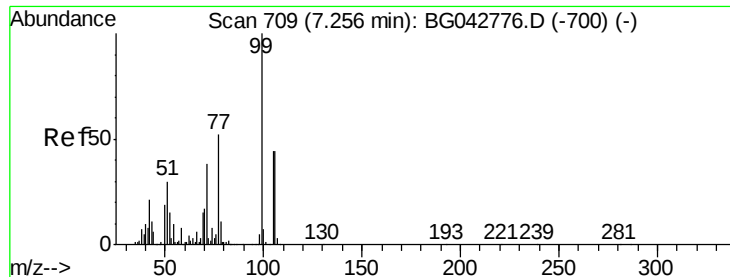
Acq: 12 Sep 2019 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		246535		
130	33.9	12.8	52.8		
64	61.3	36.8	76.8		



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 39.409 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Instrument :

BNA_G

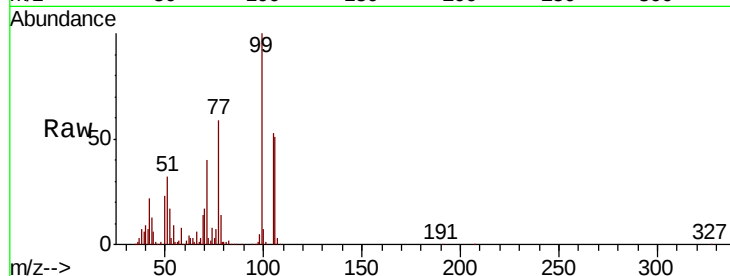
ClientSampleId :

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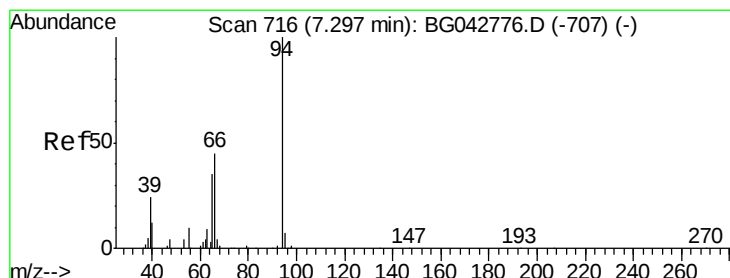
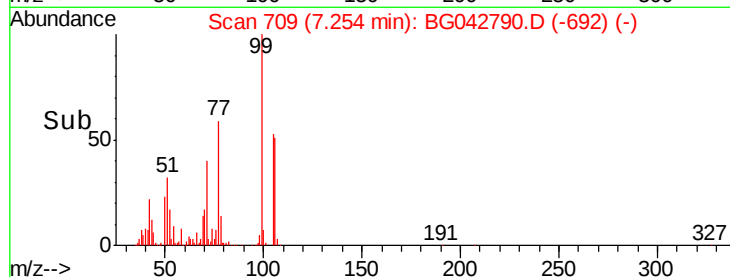
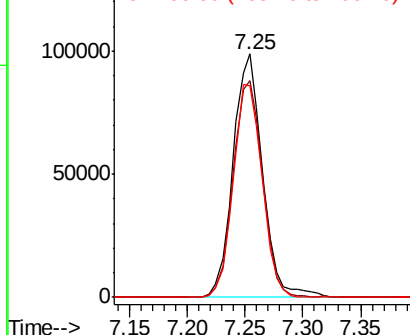
Tot Ion:	77	Resp:	174540
Ion	Ratio	Lower	Upper
77	100		
105	89.3	64.5	104.5
106	87.0	63.4	103.4

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



#10

Phenol

Concen: 50.339 ng

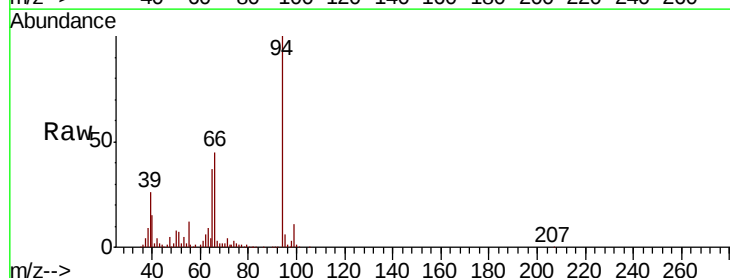
RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

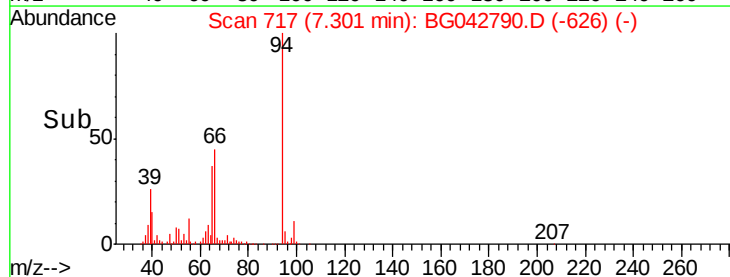
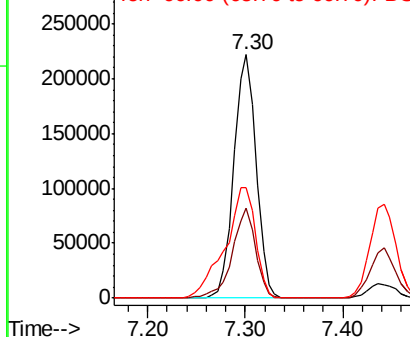
Lab File: BG042790.D

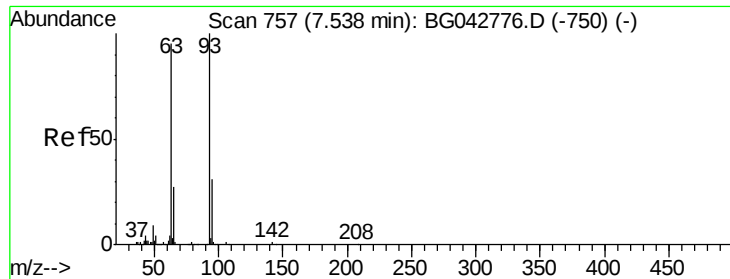
Acq: 12 Sep 2019 20:13

Tgt Ion:	94	Resp:	351350
Ion	Ratio	Lower	Upper
94	100		
65	37.0	15.0	55.0
66	45.3	26.1	66.1



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





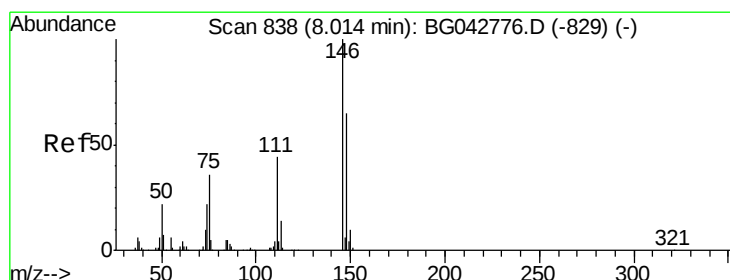
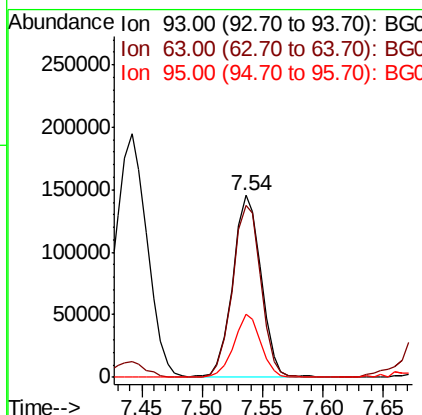
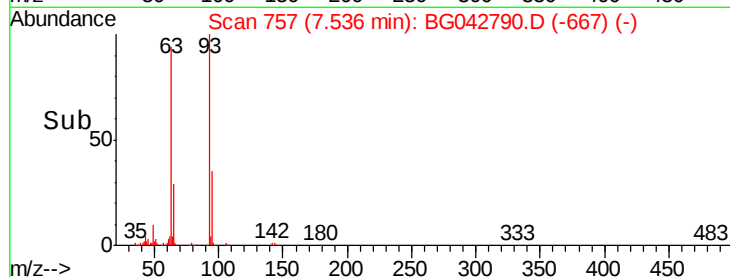
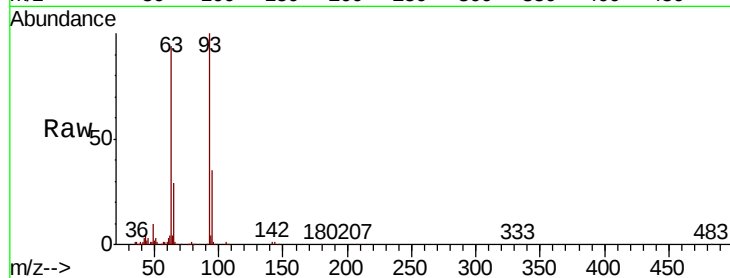
#11
bis(2-Chloroethyl)ether
Concen: 44.708 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	94.3	74.7	114.7
95	34.8	11.1	51.1

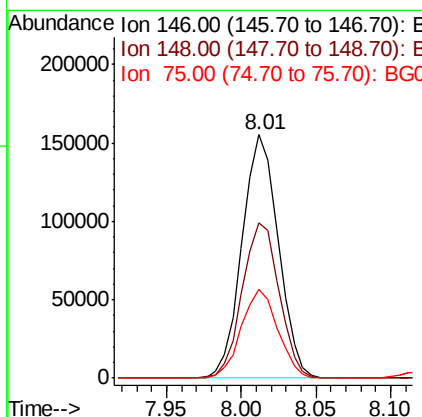
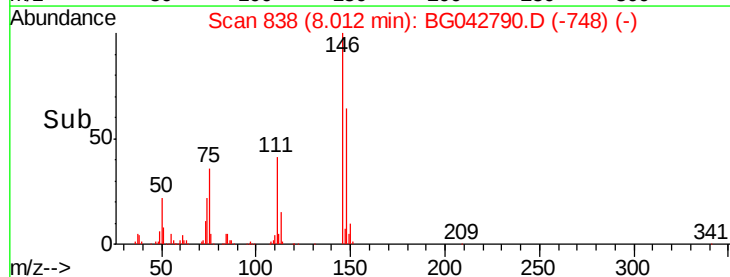
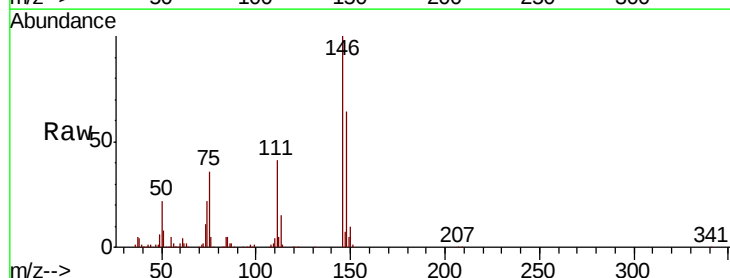
Manual Integrations
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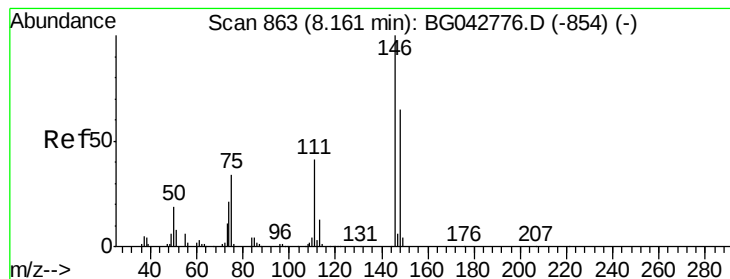
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.743 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.9	77.9
75	36.5	28.4	42.6





#13

1,4-Dichlorobenzene

Concen: 42.629 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Instrument :

BNA_G

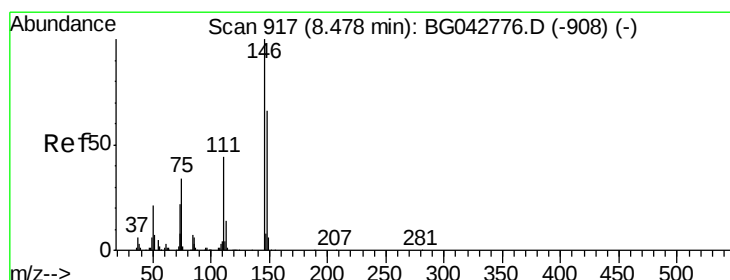
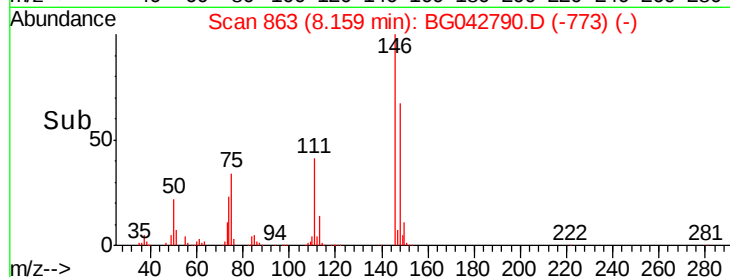
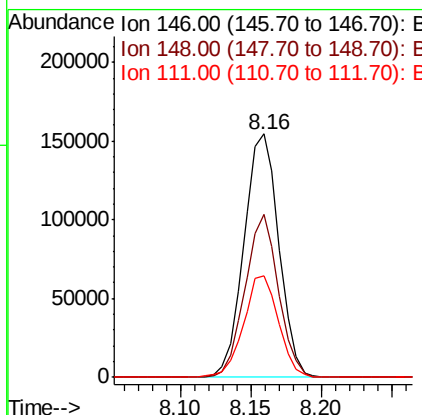
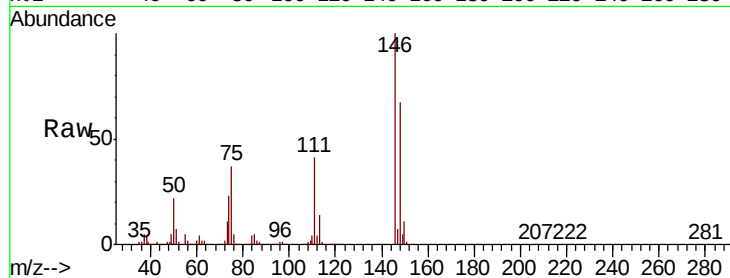
ClientSampleId :

GIS-4(0-4)MSD

Tot Ion:	146	Resp:	266809
Ion Ratio	Lower	Upper	
146	100		
148	66.8	52.2	78.4
111	41.5	32.6	49.0

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#14

1,2-Dichlorobenzene

Concen: 41.824 ng

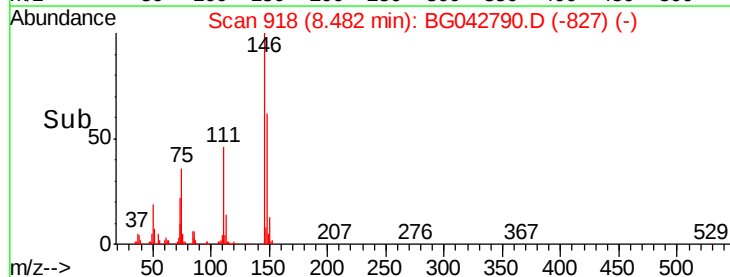
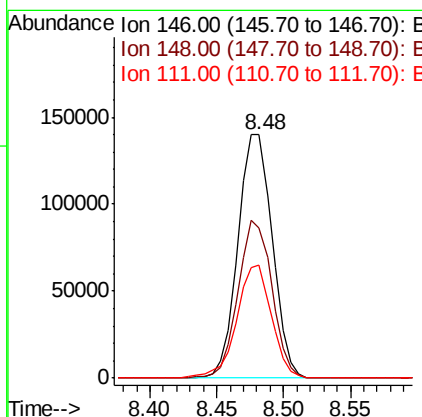
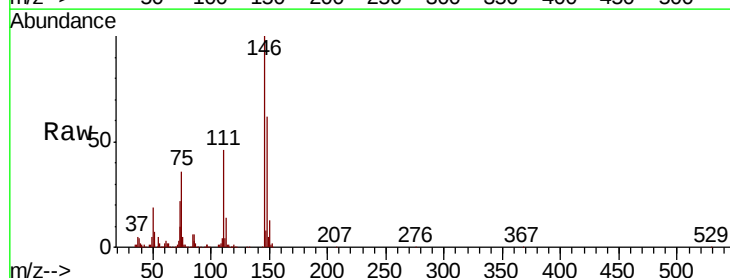
RT: 8.48 min Scan# 918

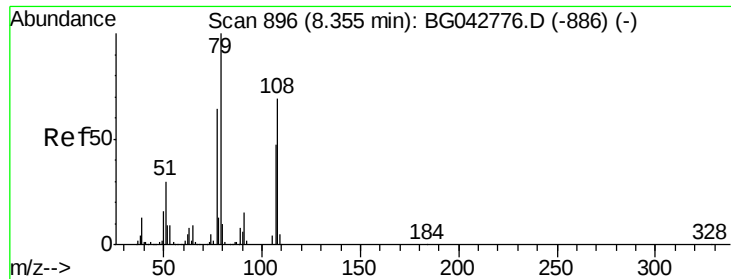
Delta R.T. 0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Tgt Ion:	146	Resp:	249181
Ion Ratio	Lower	Upper	
146	100		
148	61.9	52.6	78.8
111	46.2	35.3	52.9





#15

Benzyl Alcohol

Concen: 46.253 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Instrument :

BNA_G

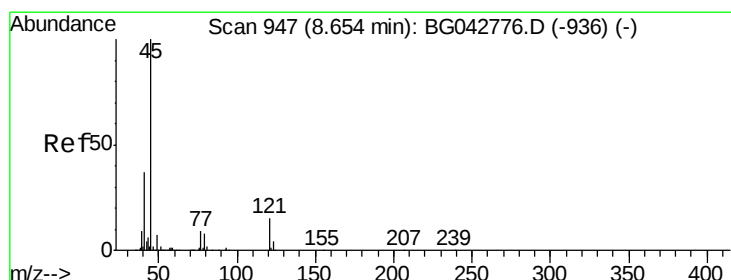
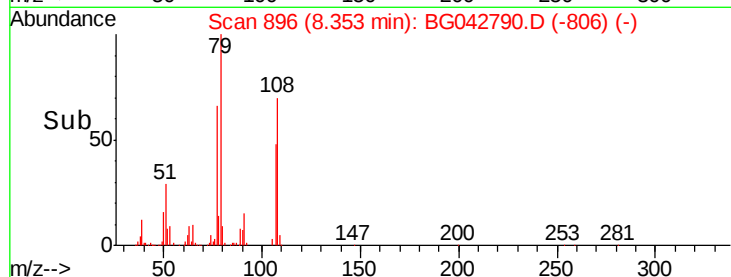
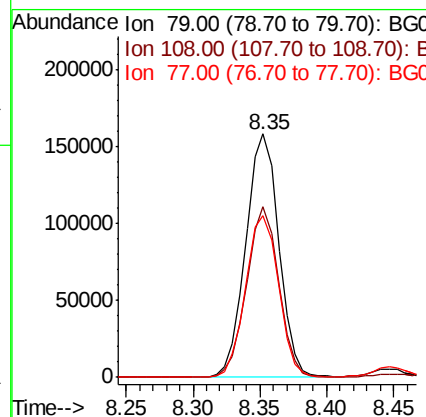
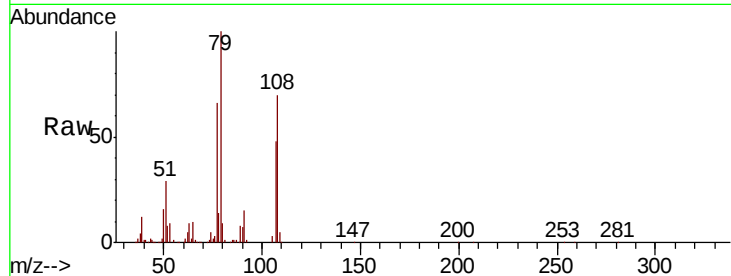
ClientSampleId :

GIS-4(0-4)MSD

Tot Ion:	79	Resp:	270151
Ion Ratio	Lower	Upper	
79	100		
108	70.1	54.9	82.3
77	66.3	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.208 ng

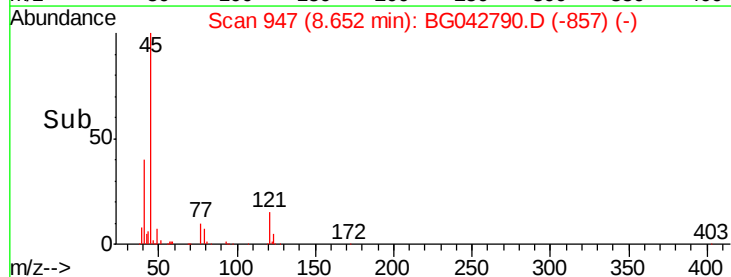
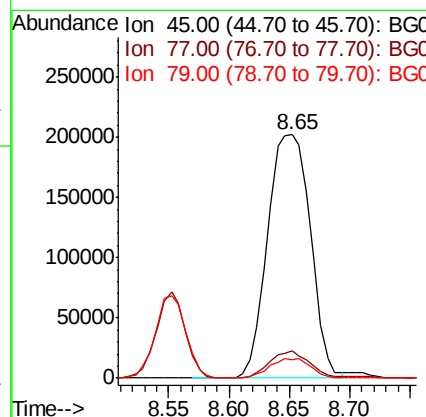
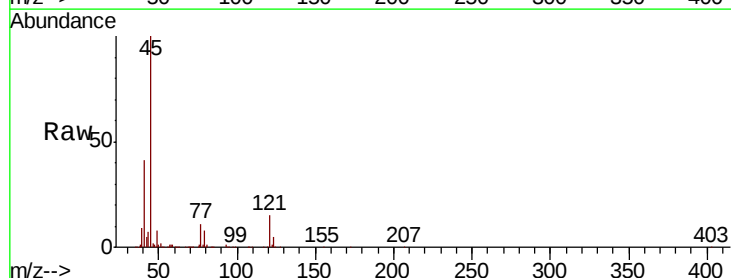
RT: 8.65 min Scan# 947

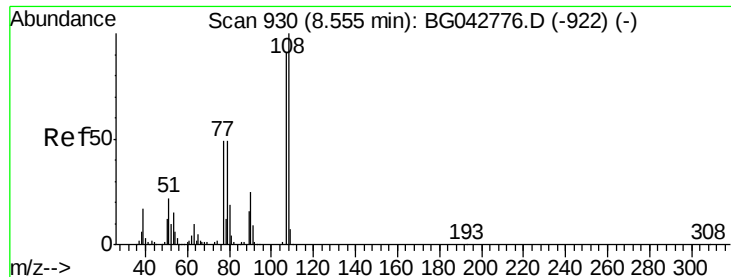
Delta R.T. -0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Tgt Ion:	45	Resp:	496507
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	29.4
79	7.6	0.0	28.4





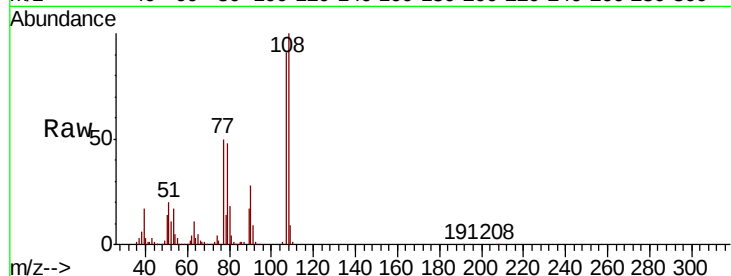
#17
2-Methylphenol
Concen: 47.855 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.2	87.7	131.5	
77	55.0	42.6	64.0	
79	52.7	43.4	65.2	

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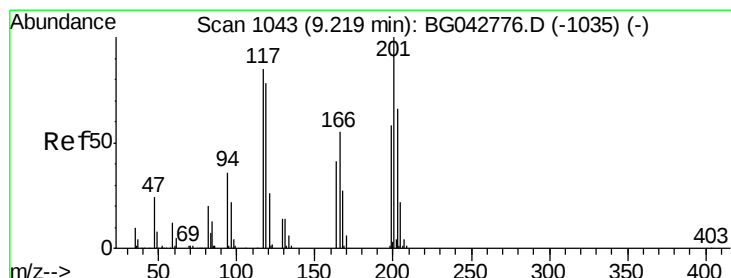
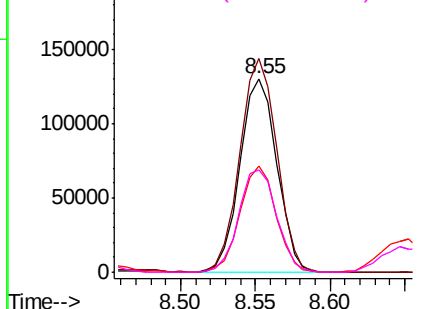
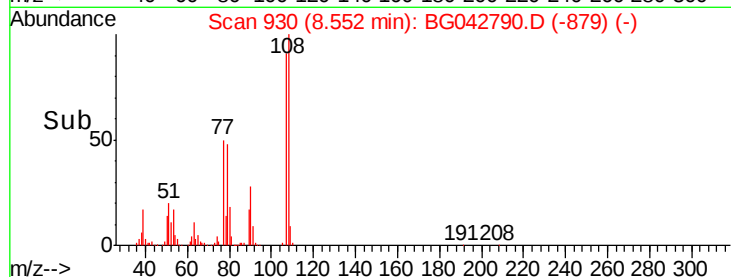
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

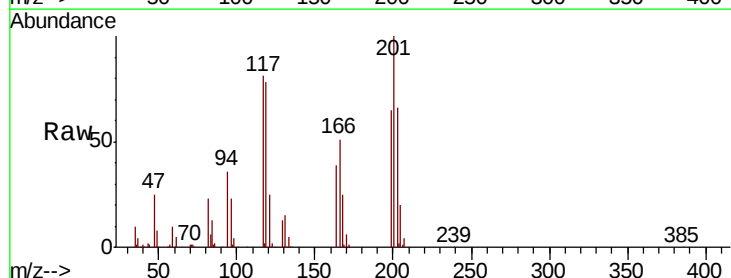
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 41.694 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	73.8	110.8	
201	123.1	94.6	142.0	

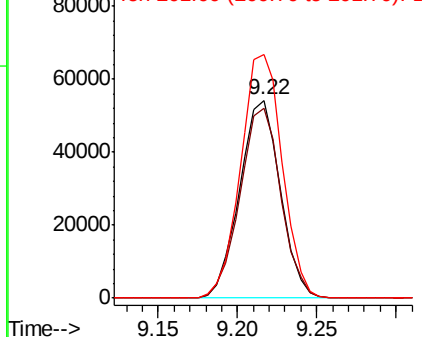
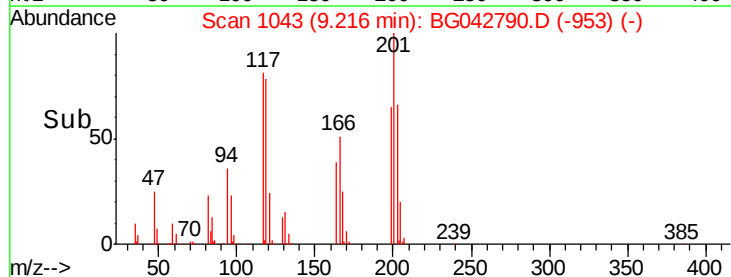


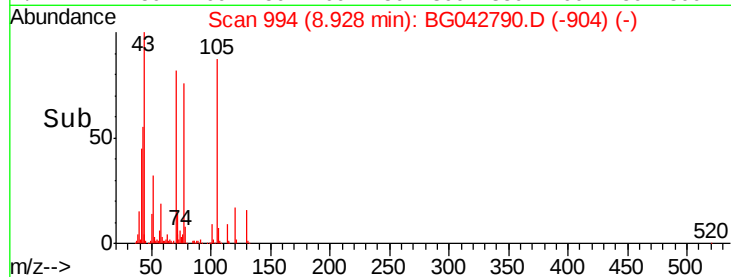
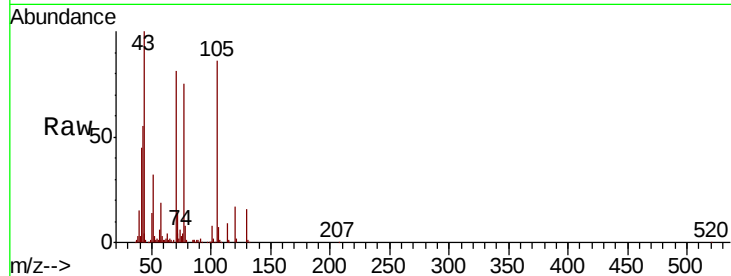
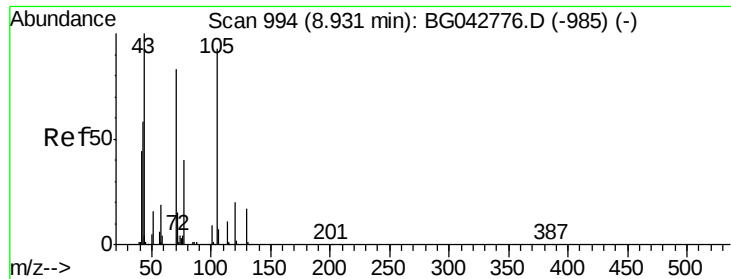
Abundance

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





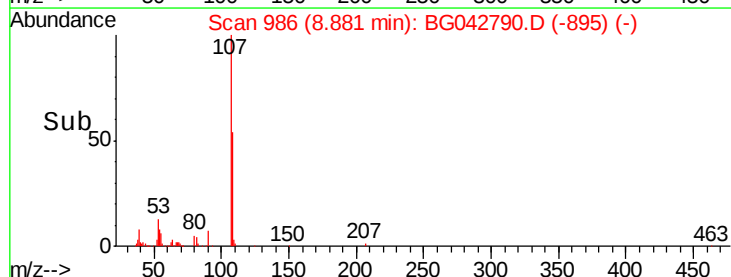
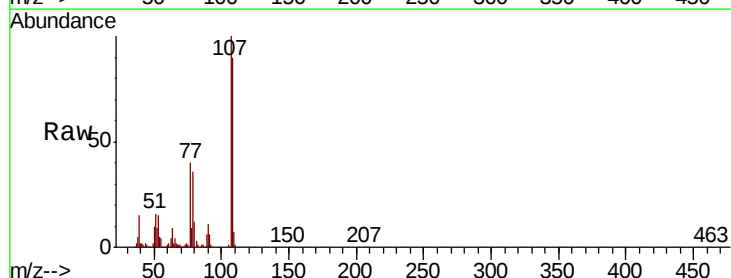
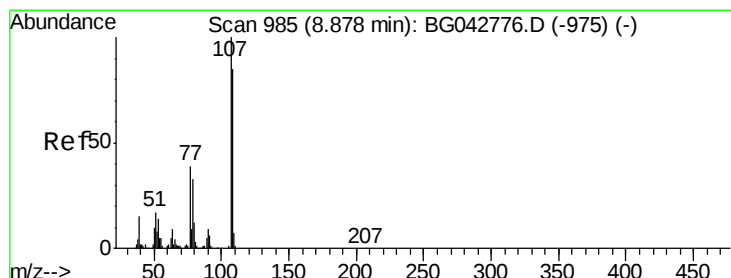
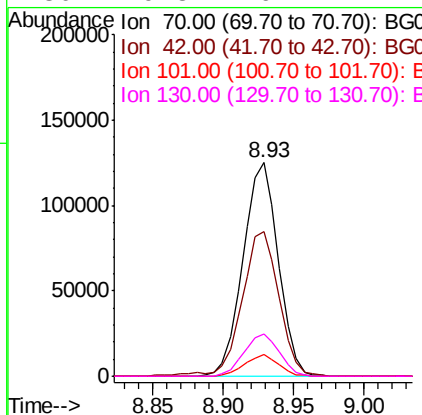
#19
n-Nitroso-di-n-propylamine
Concen: 43.509 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

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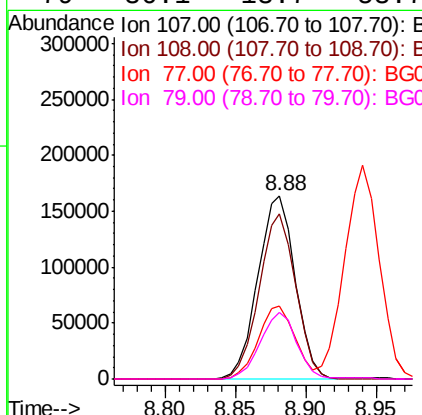
mohammad
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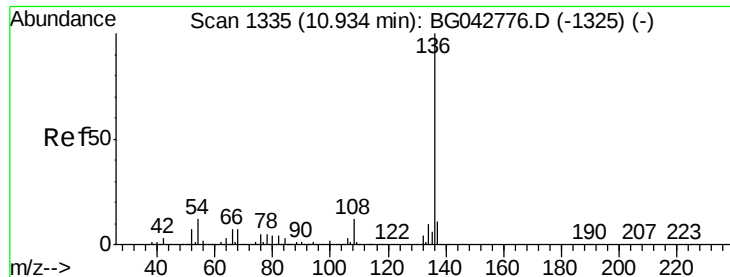
Tot Ion	Ratio	Lower	Upper
70	100		
42	67.4	57.0	85.6
101	10.4	8.4	12.6
130	19.8	16.1	24.1



#20
3+4-Methylphenols
Concen: 47.278 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	65.4	105.4
77	39.7	18.7	58.7
79	36.1	13.7	53.7





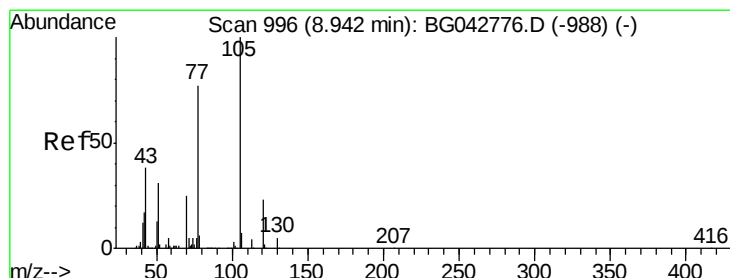
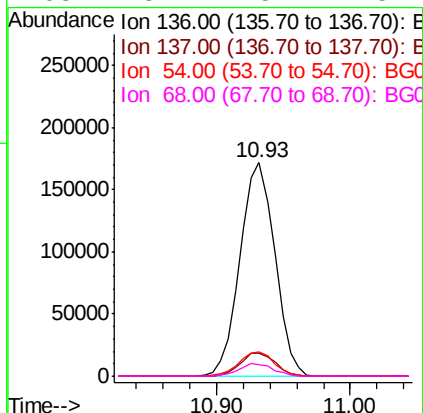
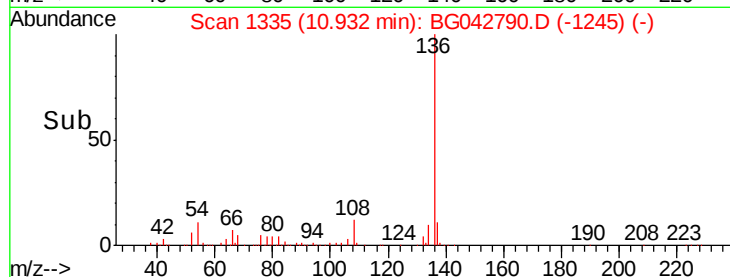
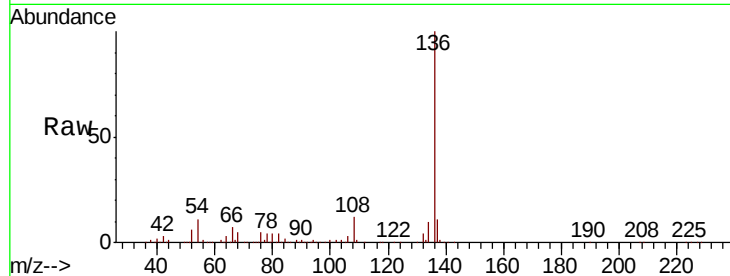
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	309984		
137	10.6		9.0	13.6
54	11.1		9.4	14.0
68	5.2		5.4	8.2#

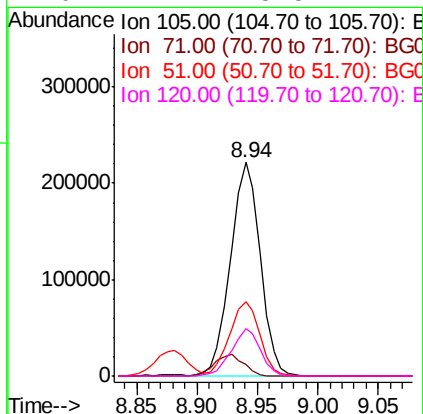
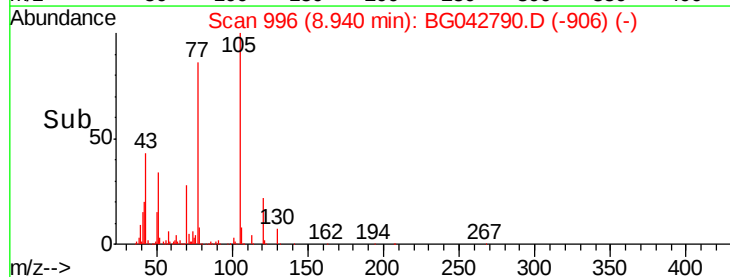
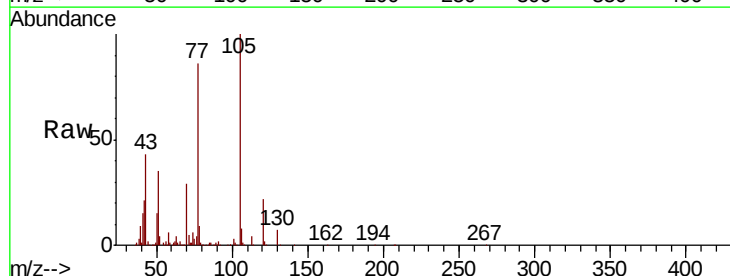
Manual Integrations
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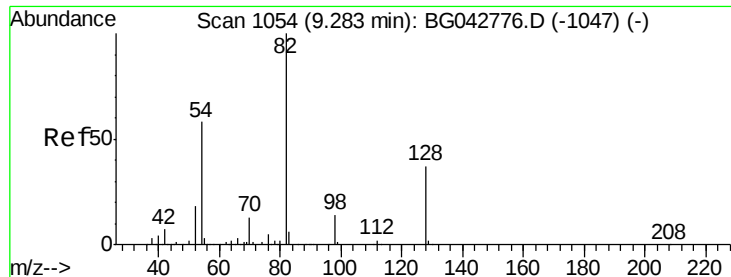
mohammad
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#22
Acetophenone
Concen: 48.854 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	382463		
71	5.3		3.7	5.5
51	34.6		28.8	43.2
120	22.1		18.5	27.7





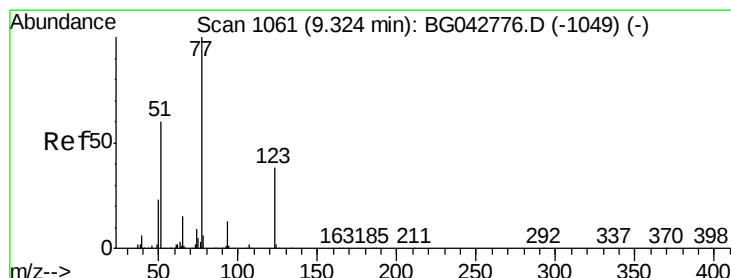
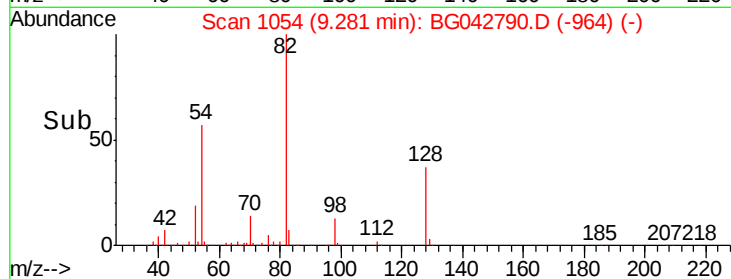
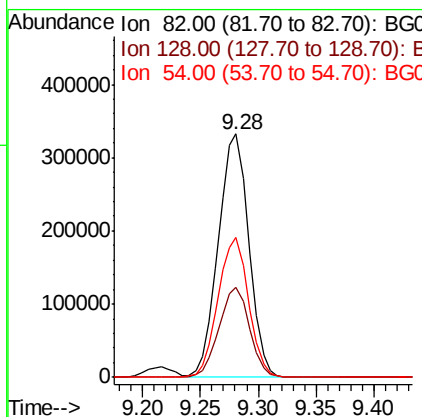
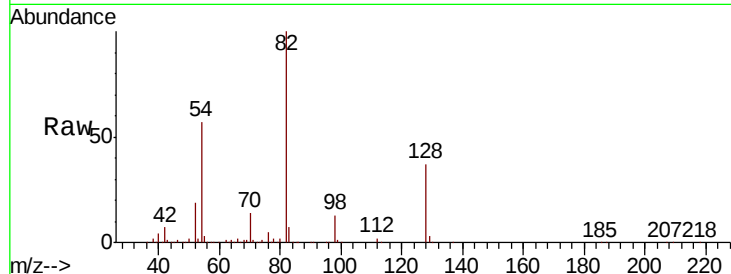
#23
 Nitrobenzene-d5
 Concen: 102.374 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG042790.D
 Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	609545		
128	36.8	29.8	44.8	
54	57.3	46.1	69.1	

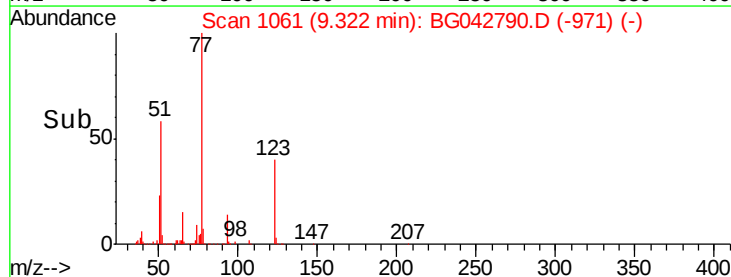
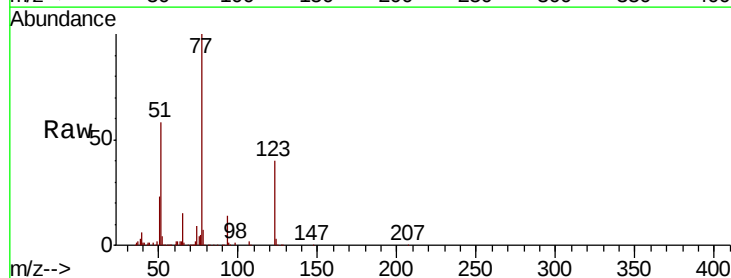
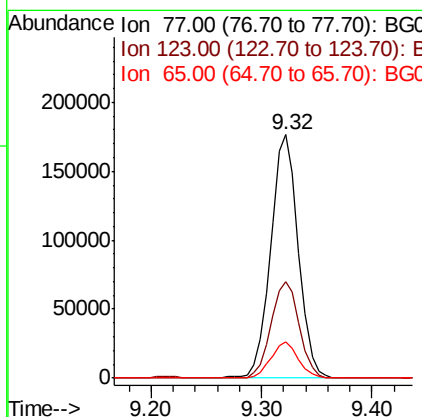
Manual Integrations
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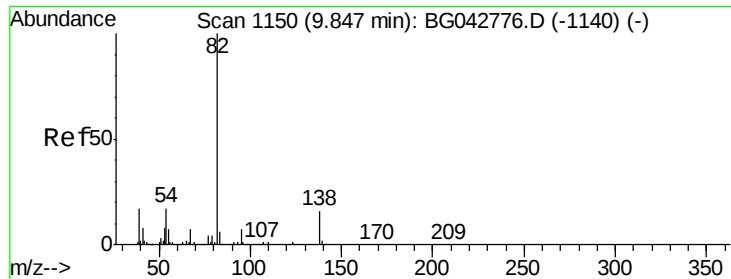
mohammad
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#24
 Nitrobenzene
 Concen: 49.071 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BG042790.D
 Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	306677		
123	39.5	30.7	46.1	
65	15.0	12.2	18.4	





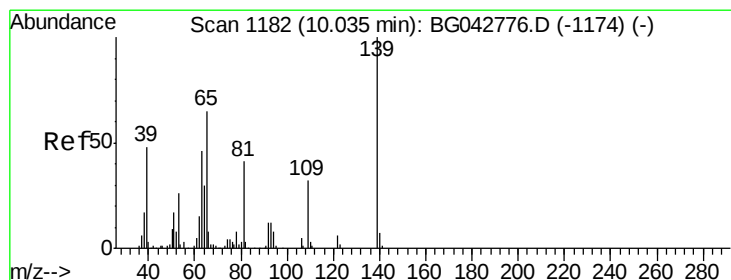
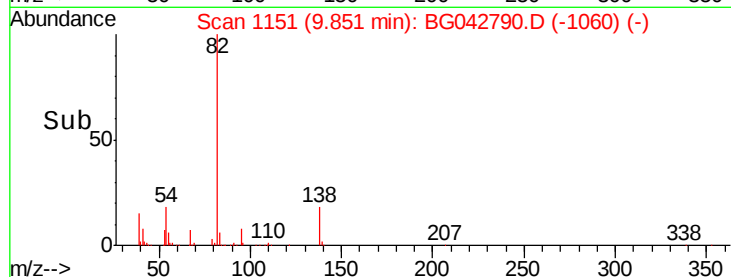
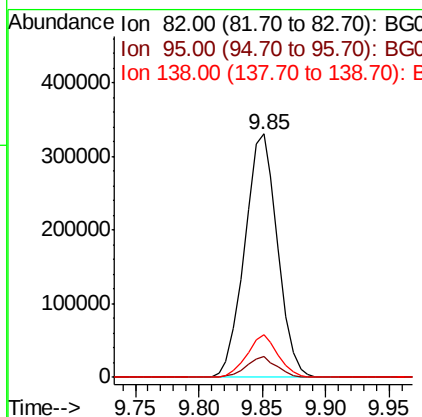
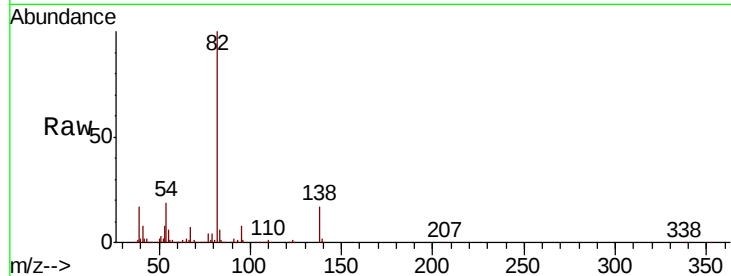
#25
Isophorone
Concen: 47.864 ng
RT: 9.85 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.4	5.8	8.8	
138	17.5	12.9	19.3	

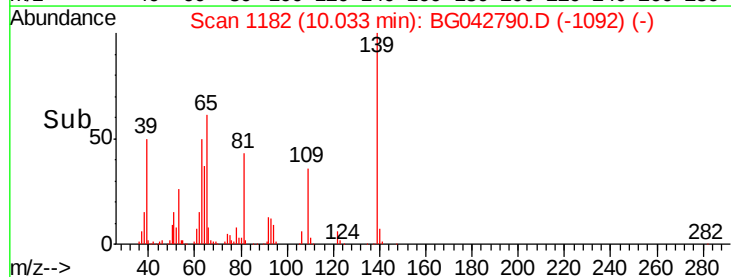
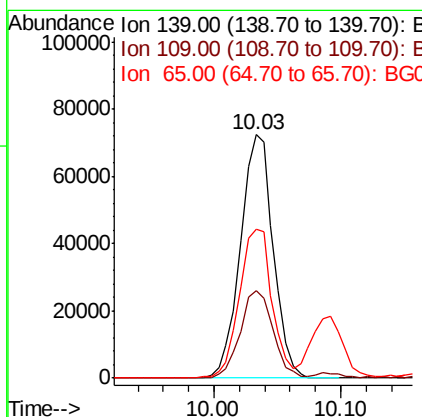
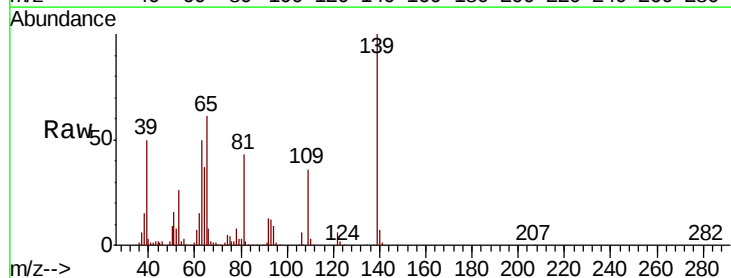
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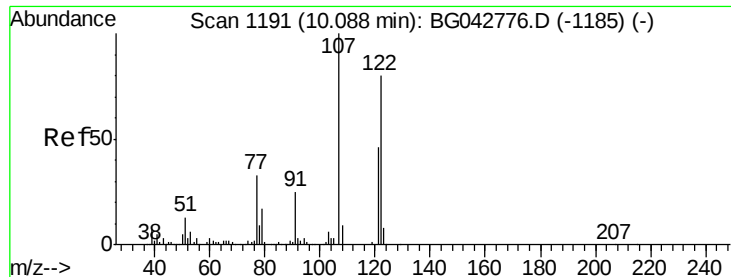
mohammad
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#26
2-Nitrophenol
Concen: 52.631 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	35.7	25.8	38.8	
65	61.0	52.2	78.2	





#27

2,4-Dimethylphenol

Concen: 56.537 ng

RT: 10.09 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Instrument :

BNA_G

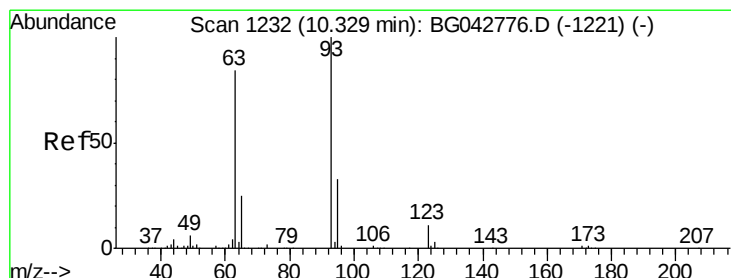
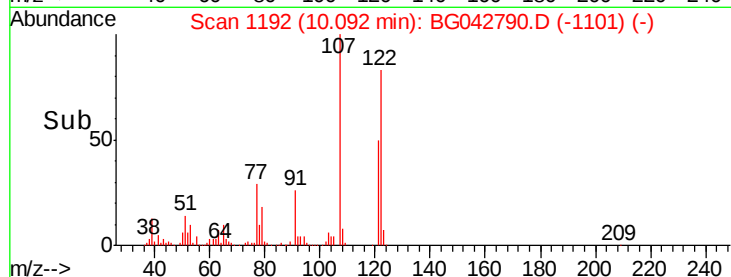
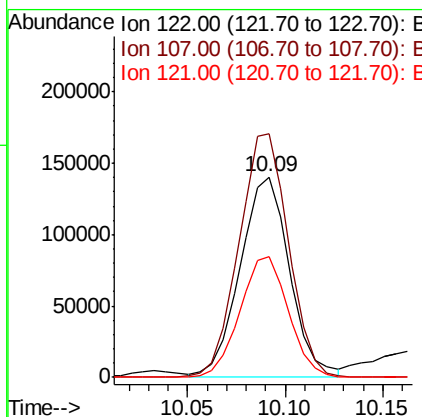
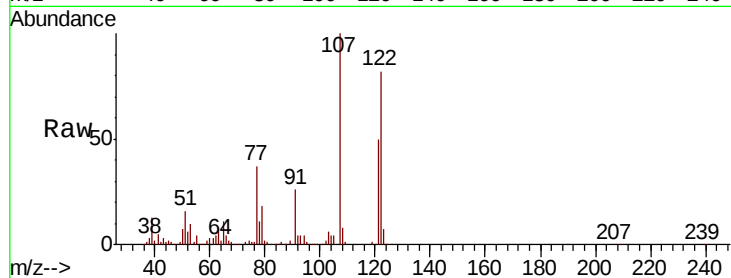
ClientSampleId :

GIS-4(0-4)MSD

Tot Ion:	122	Resp:	245776
Ion Ratio	Lower	Upper	
122	100		
107	121.5	98.9	148.3
121	60.4	46.2	69.2

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#28

bis(2-Chloroethoxy)methane

Concen: 47.289 ng

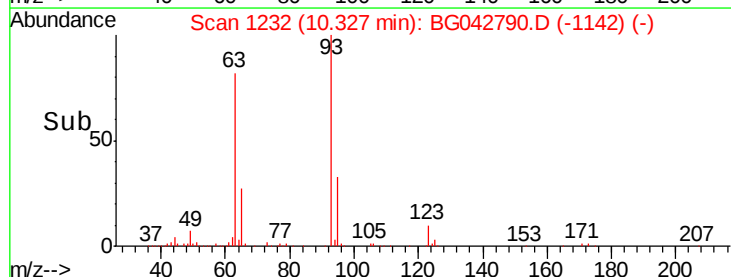
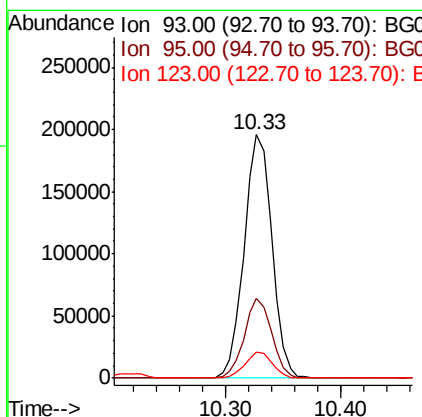
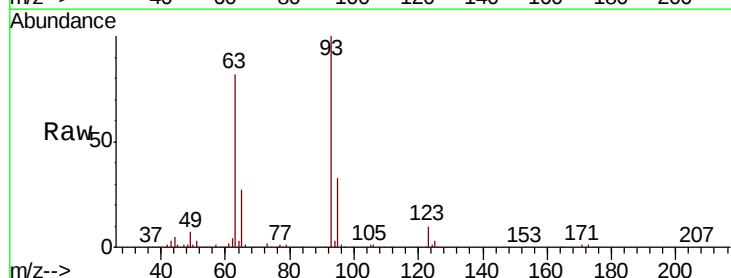
RT: 10.33 min Scan# 1232

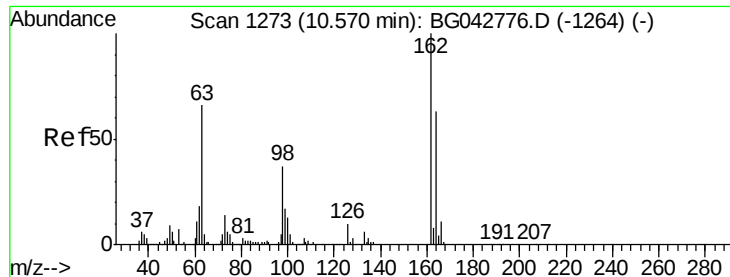
Delta R.T. -0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Tgt Ion:	93	Resp:	327297
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.6	40.0
123	10.5	9.0	13.6





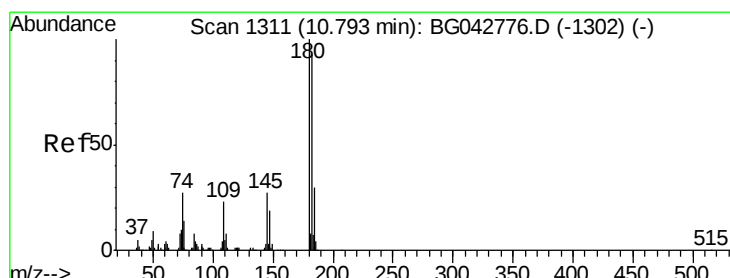
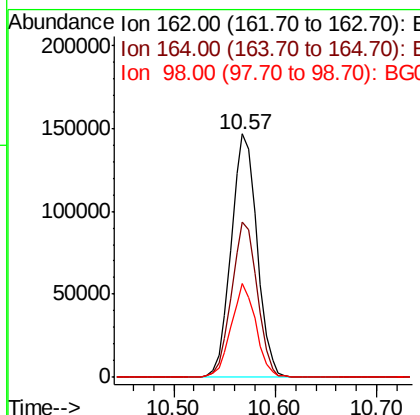
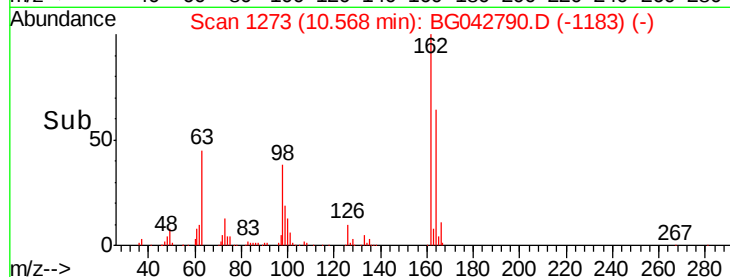
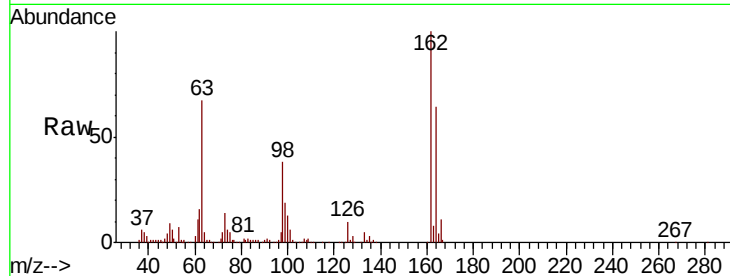
#29
 2,4-Dichlorophenol
 Concen: 51.400 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042790.D
 Acq: 12 Sep 2019 20:13

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

Tot Ion:	162	Resp:	259659
Ion Ratio	Lower	Upper	
162	100		
164	63.9	43.4	83.4
98	38.5	17.0	57.0

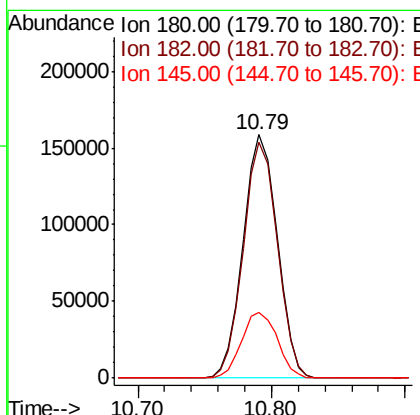
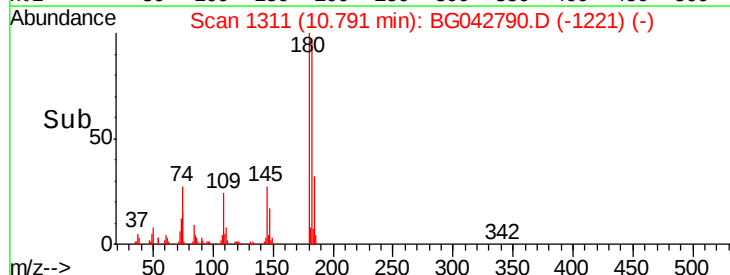
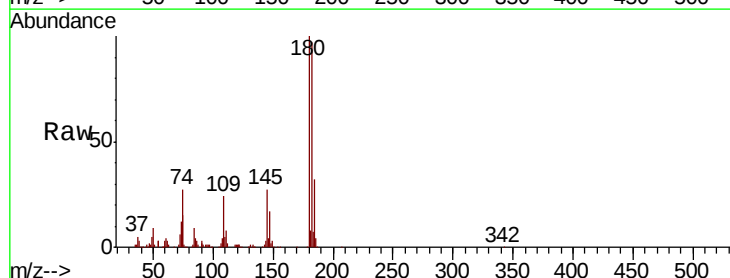
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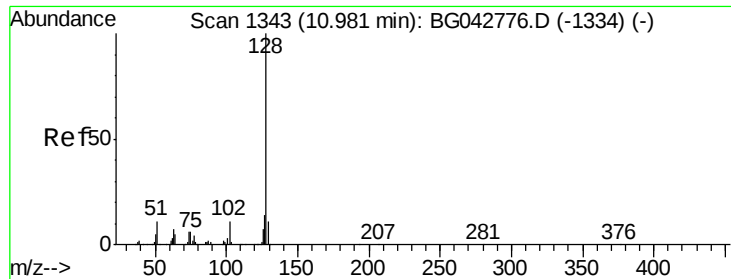
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.613 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042790.D
 Acq: 12 Sep 2019 20:13

Tgt Ion:	180	Resp:	281327
Ion Ratio	Lower	Upper	
180	100		
182	96.7	74.6	112.0
145	27.1	21.8	32.6





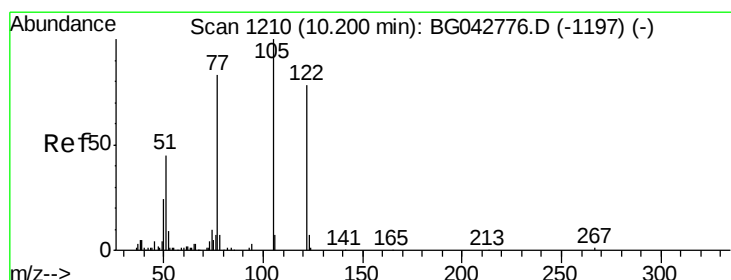
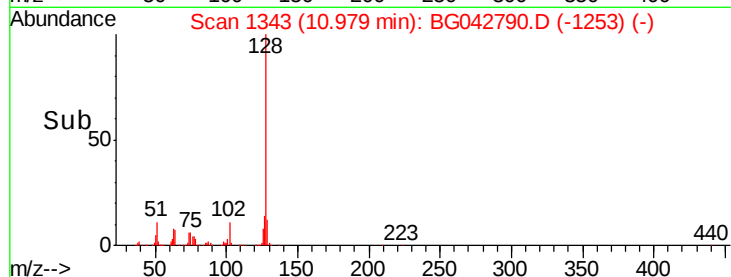
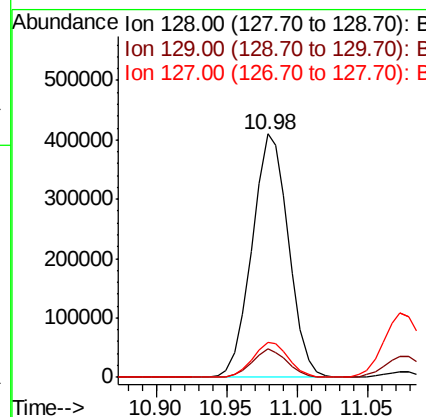
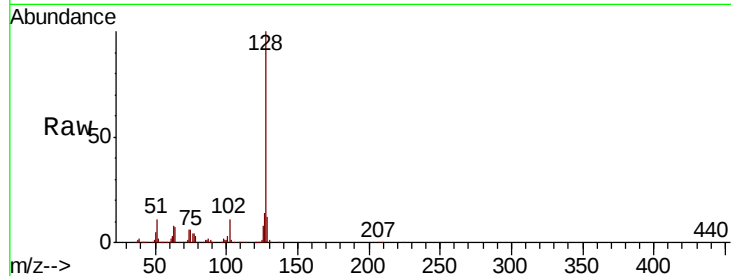
#31
Naphthalene
Concen: 48.588 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

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

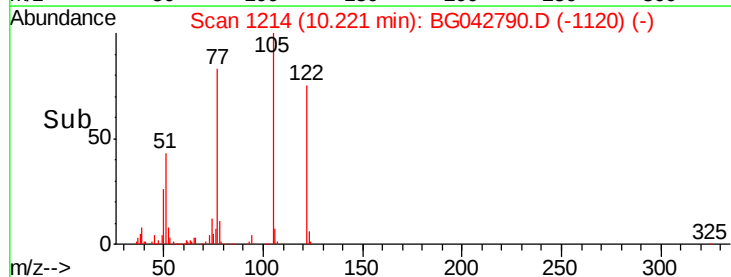
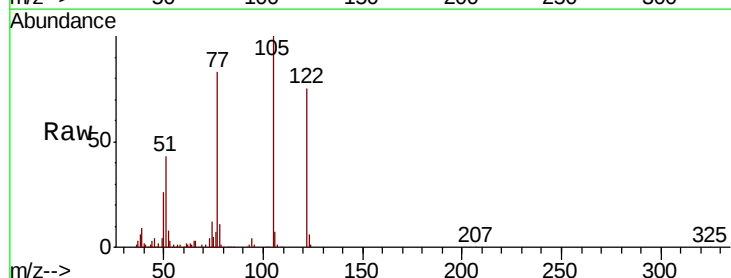
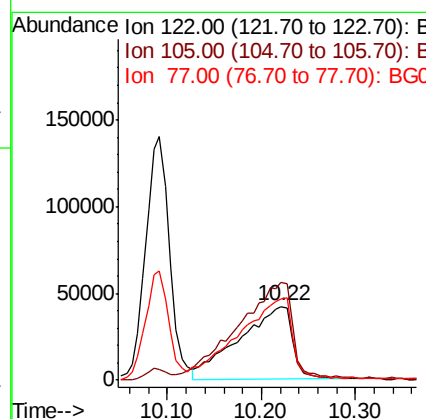
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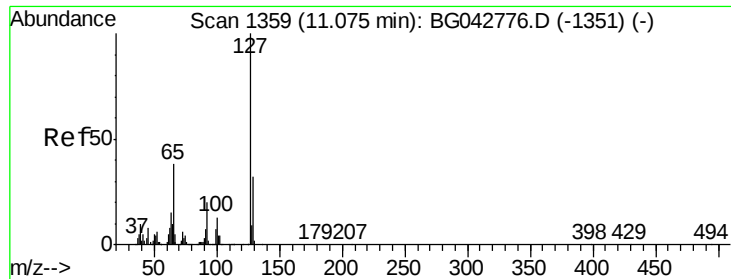
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#32
Benzoic acid
Concen: 46.972 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.8	104.0	144.0
77	110.9	84.2	124.2





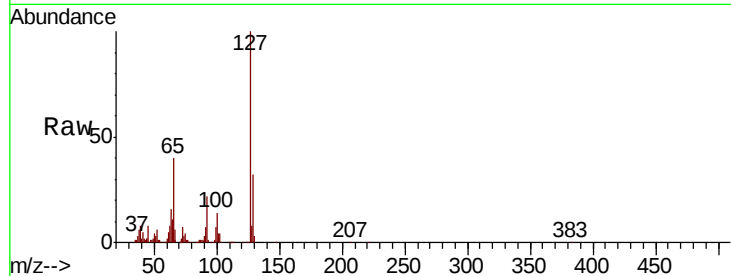
#33
4-Chloroaniline
Concen: 28.062 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

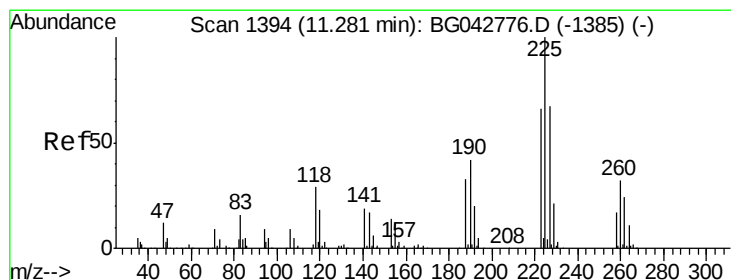
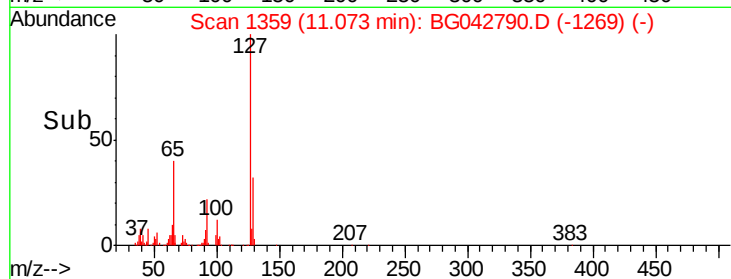
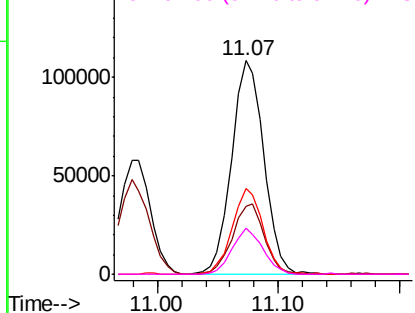
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	25.8	38.6		
65	40.2	30.5	45.7		
92	21.7	15.9	23.9		

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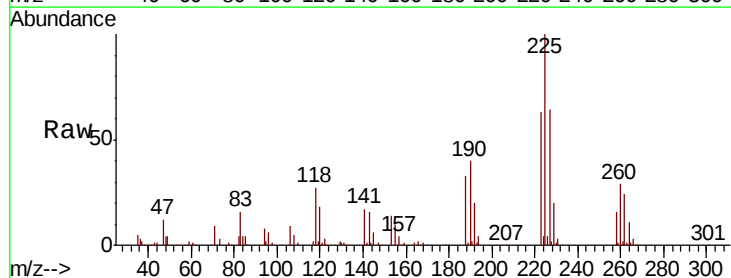


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

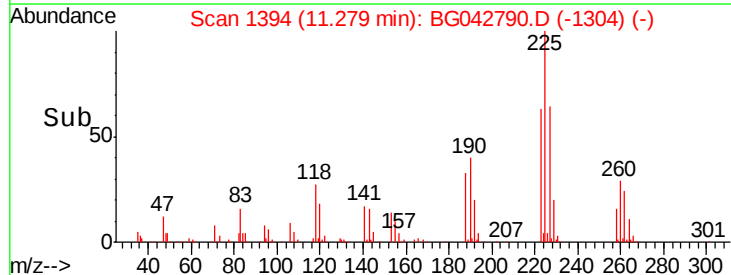
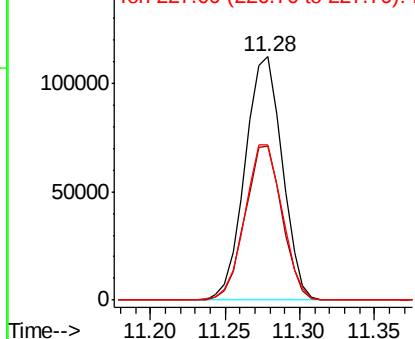


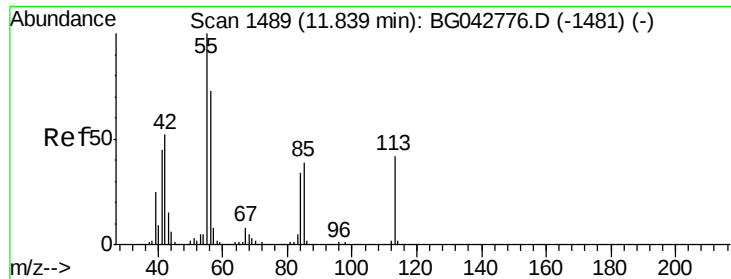
#34
Hexachlorobutadiene
Concen: 44.749 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	52.6	79.0		
227	63.5	53.6	80.4		



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





#35

Caprolactam

Concen: 48.686 ng/mL

RT: 11.84 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Instrument :

BNA_G

ClientSampleId :

GIS-4(0-4)MSD

Tot Ion:113 Resp: 91459

Ion Ratio Lower Upper

113 100

55 223.3 218.4 258.4

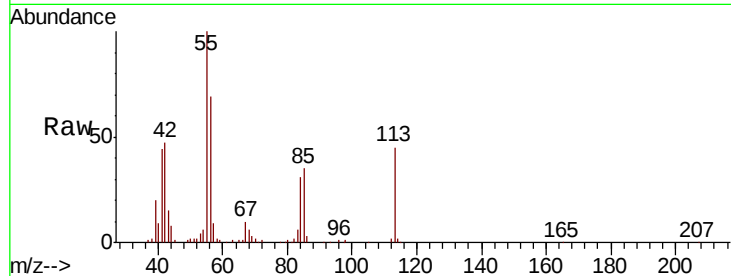
56 153.6 154.8 194.8#

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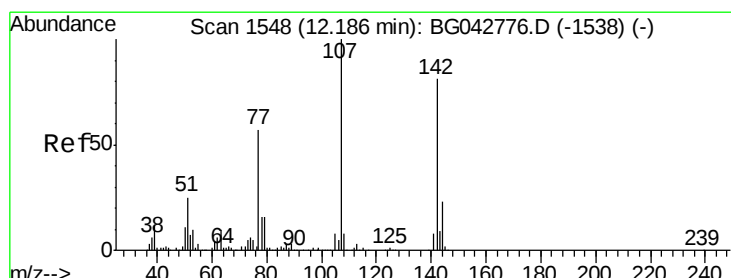
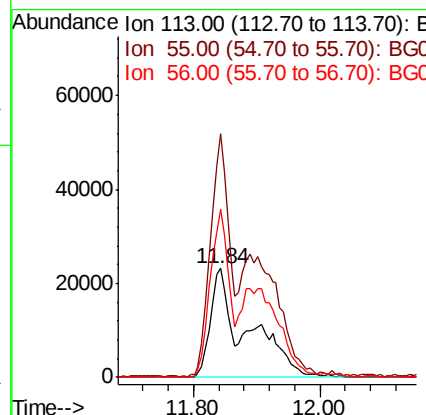
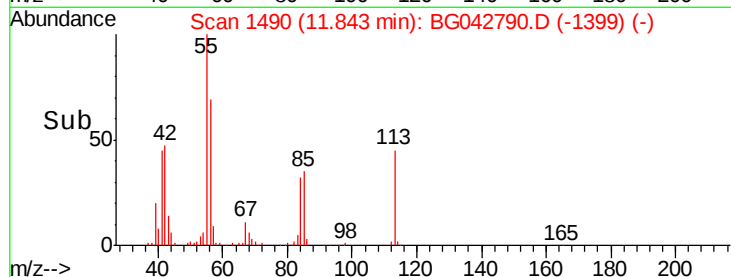
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG042776.D (-1481) (-)

Ion 56.00 (55.70 to 56.70): BG042776.D (-1481) (-)



#36

4-Chloro-3-methylphenol

Concen: 50.250 ng/mL

RT: 12.19 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

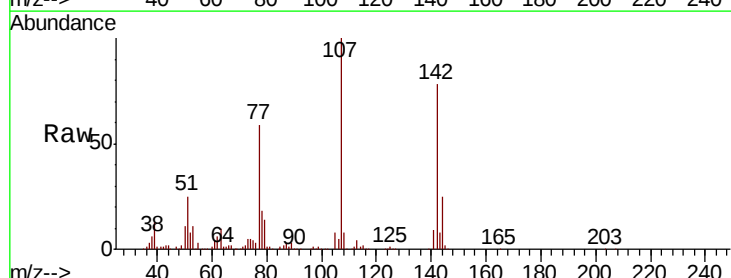
Tgt Ion:107 Resp: 275622

Ion Ratio Lower Upper

107 100

144 25.5 18.7 28.1

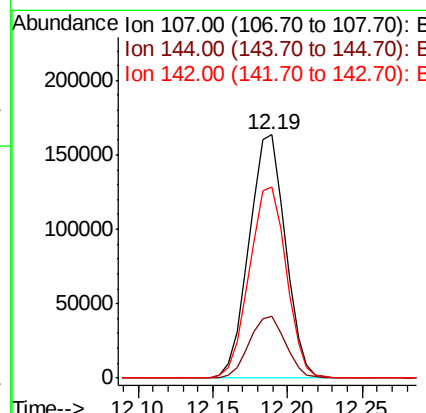
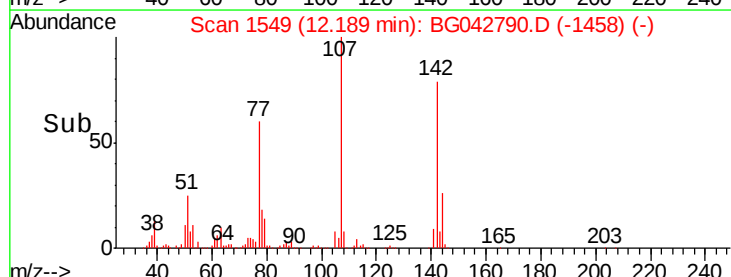
142 78.5 65.0 97.4

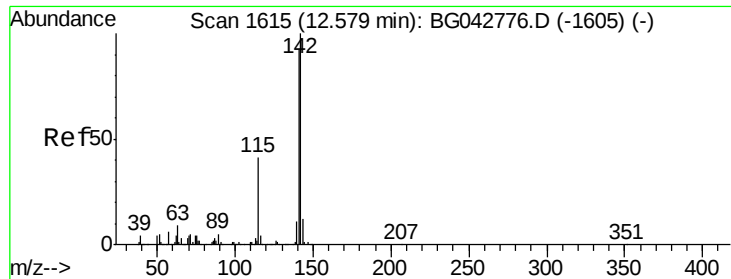


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





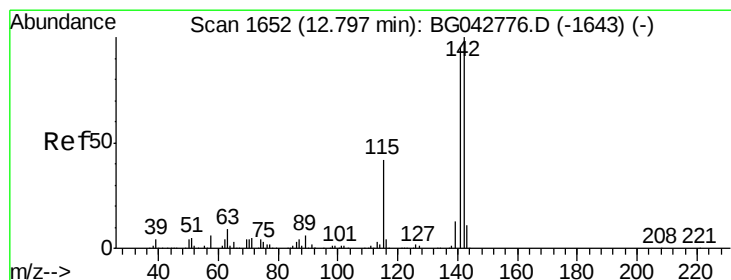
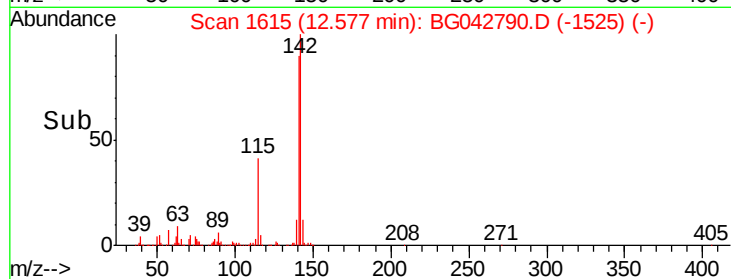
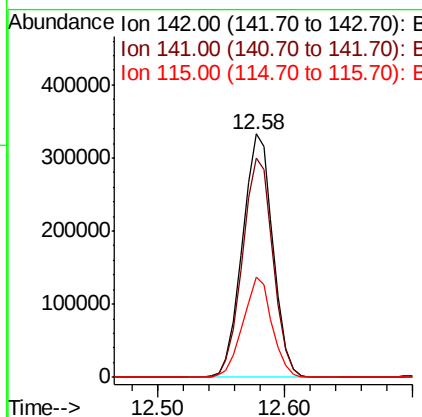
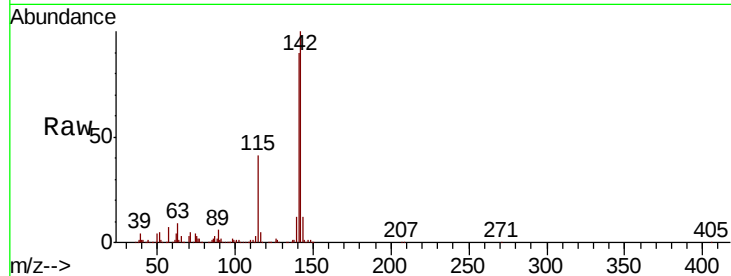
#37
2-Methylnaphthalene
Concen: 48.276 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.8	110.8
115	41.1	33.0	49.4

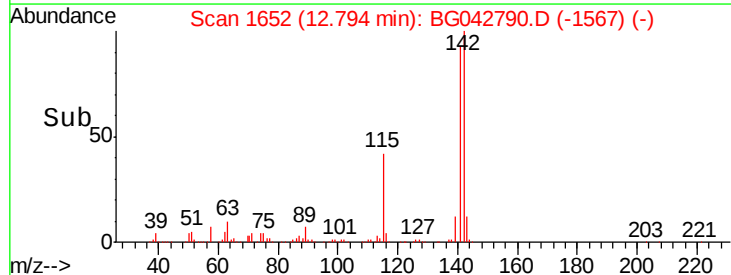
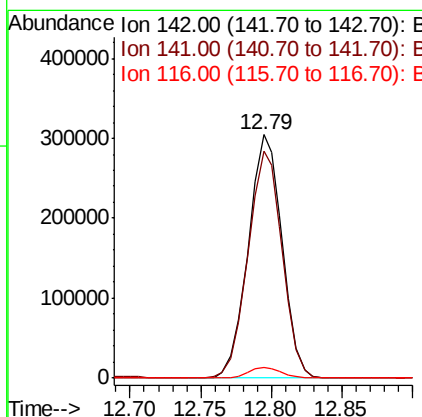
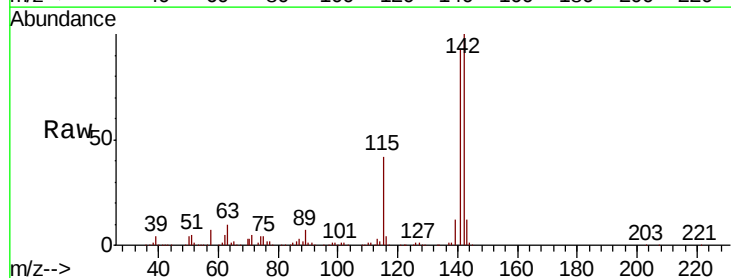
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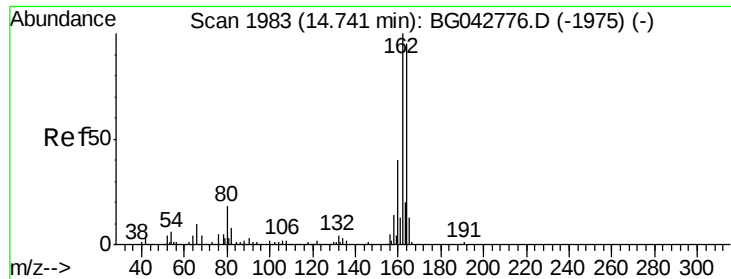
mohammad
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#38
1-Methylnaphthalene
Concen: 47.447 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	76.3	114.5
116	4.1	3.4	5.0





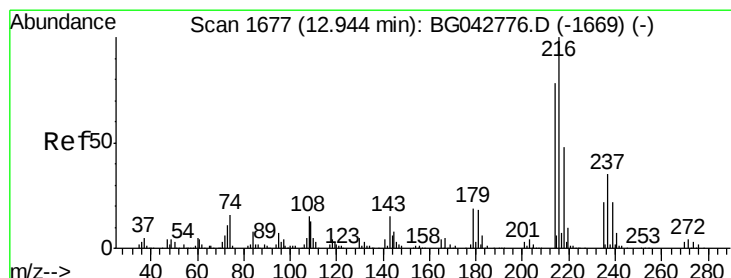
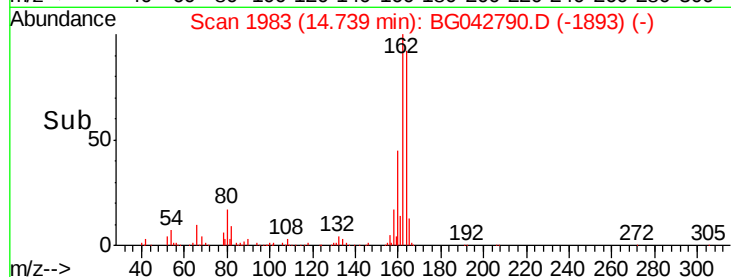
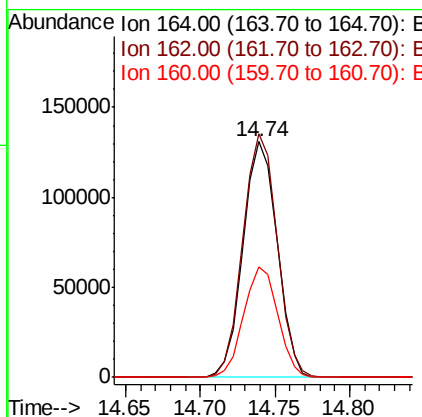
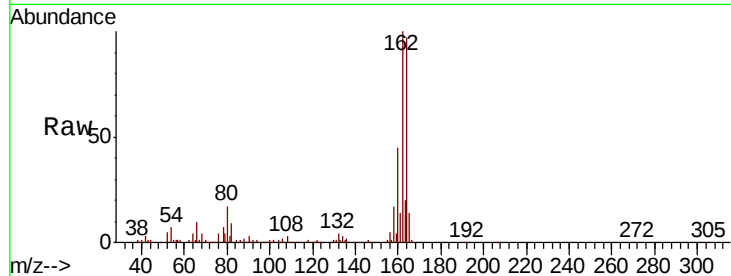
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100	207275		
162	103.4	84.6	126.8	
160	46.7	34.2	51.2	

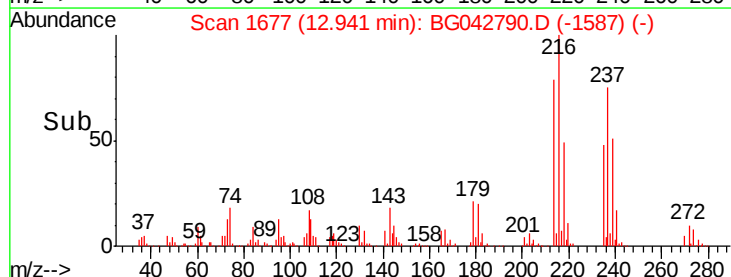
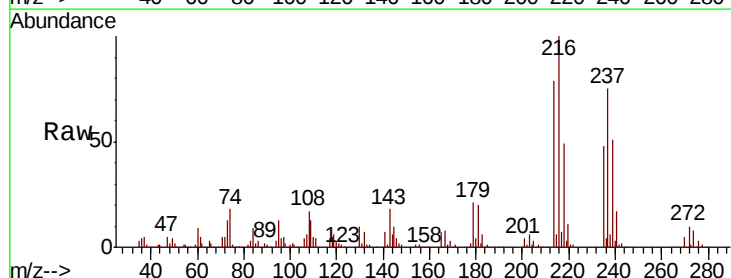
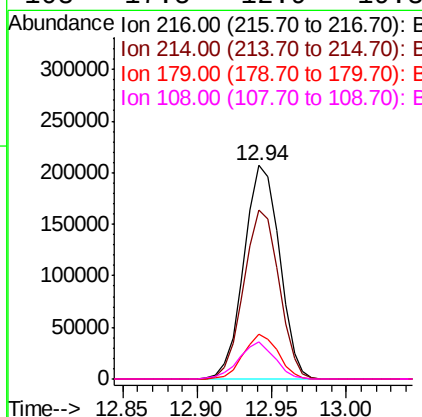
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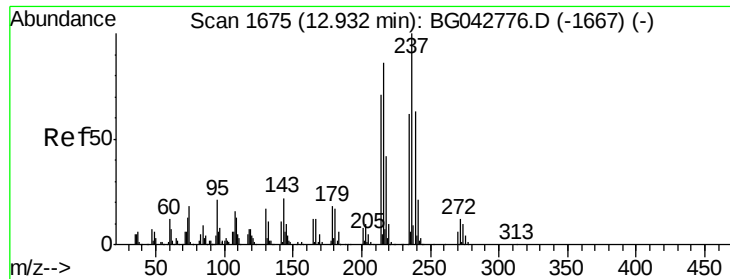
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.944 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	342084		
214	78.5	62.8	94.2	
179	20.3	15.3	22.9	
108	17.5	12.9	19.3	





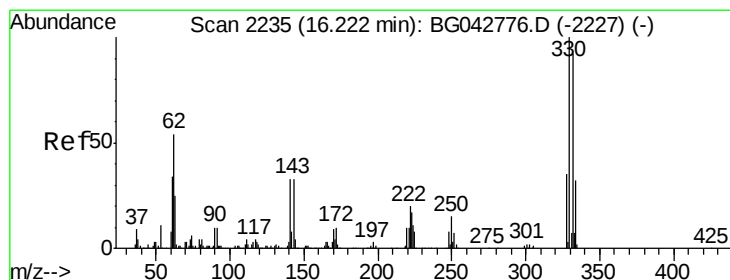
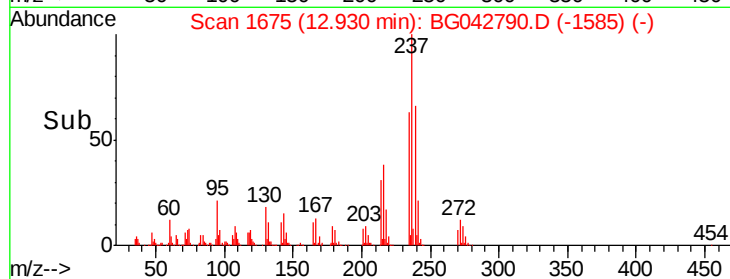
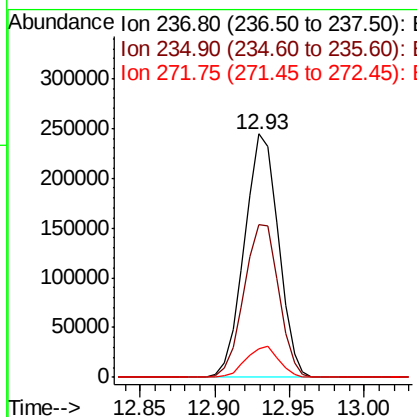
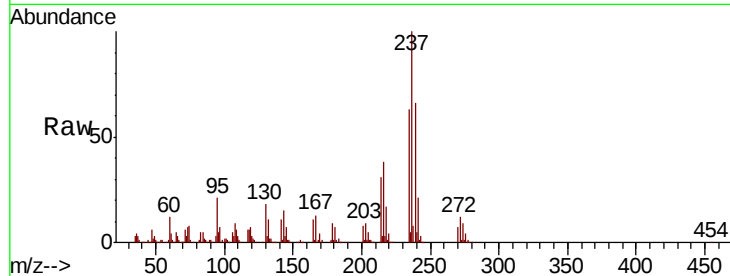
#41
 Hexachlorocyclopentadiene
 Concen: 98.182 ng
 RT: 12.93 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BG042790.D
 Acq: 12 Sep 2019 20:13

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

Tot Ion:	237	Resp:	385244
Ion Ratio	Lower	Upper	
237	100		
235	62.8	41.9	81.9
272	12.0	0.0	31.6

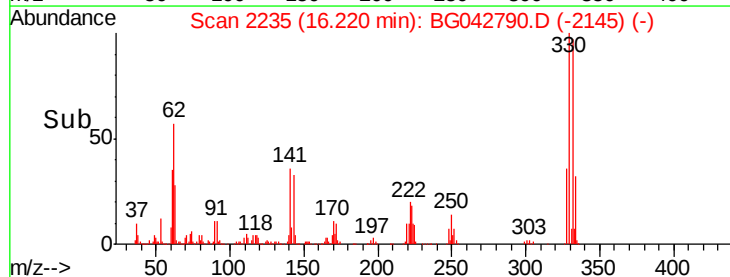
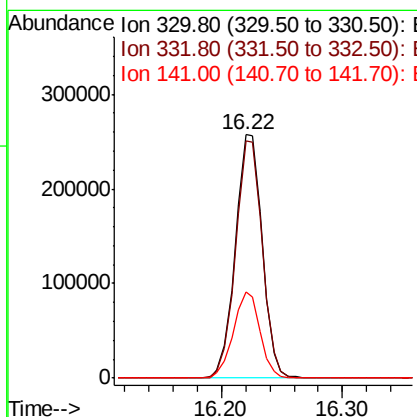
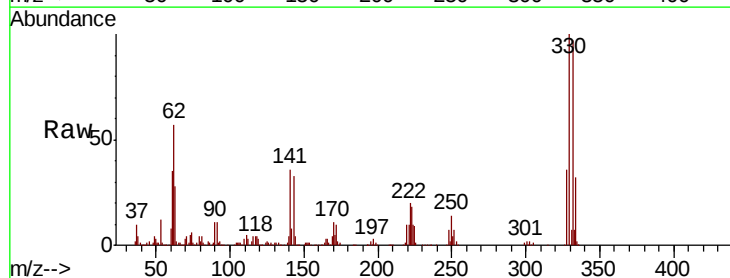
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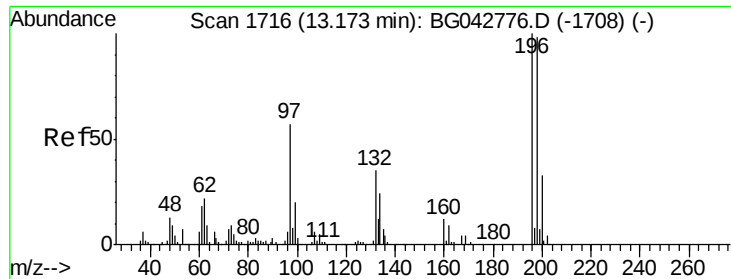
mohammad
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#42
 2,4,6-Tribromophenol
 Concen: 144.796 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG042790.D
 Acq: 12 Sep 2019 20:13

Tgt Ion:	330	Resp:	399293
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.7	115.1
141	34.9	27.0	40.6





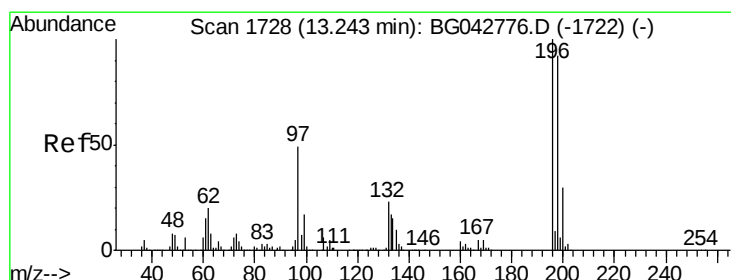
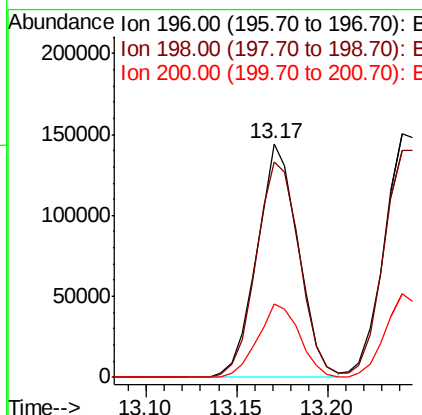
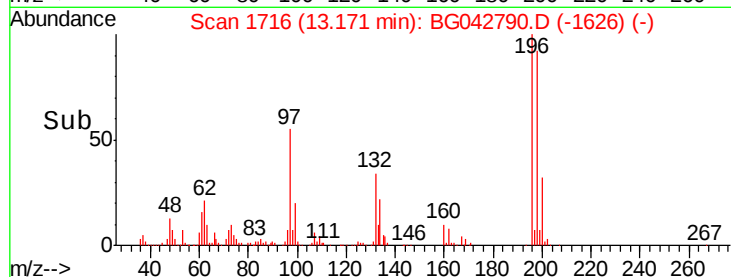
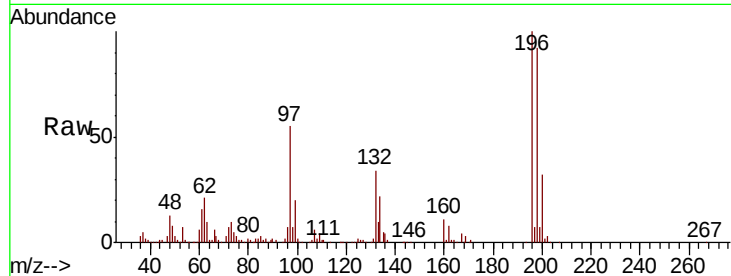
#43
 2,4,6-Trichlorophenol
 Concen: 50.028 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042790.D
 Acq: 12 Sep 2019 20:13

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

Tot Ion:196	Resp:	228127
Ion Ratio	Lower	Upper
196	100	
198	92.2	78.8 118.2
200	31.6	26.2 39.4

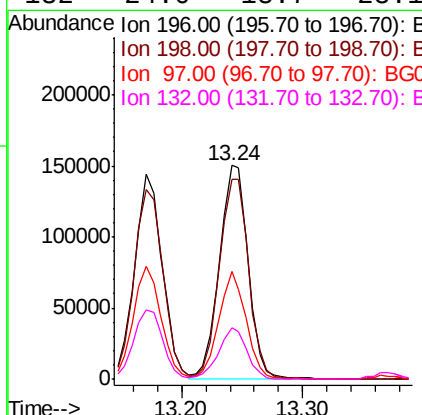
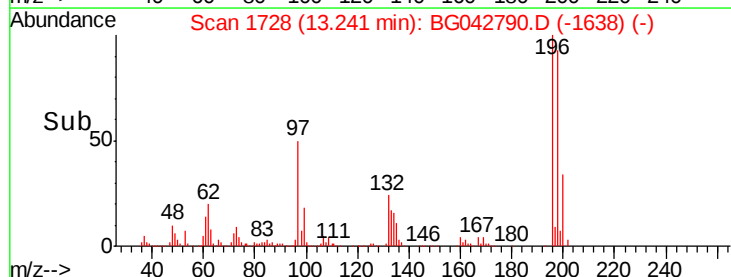
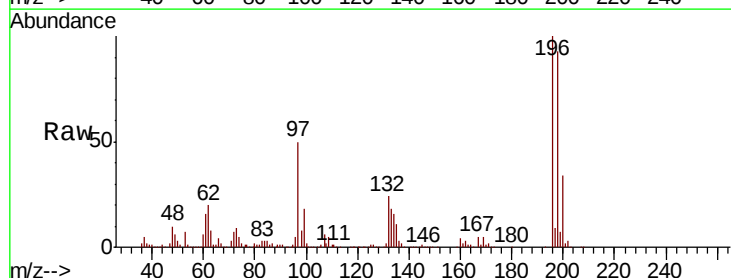
Manual Integrations
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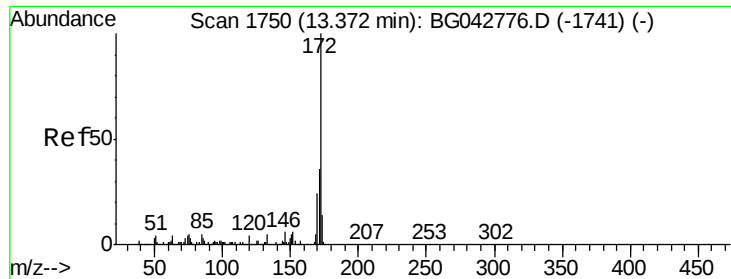
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 52.700 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042790.D
 Acq: 12 Sep 2019 20:13

Tgt Ion:196	Resp:	246147
Ion Ratio	Lower	Upper
196	100	
198	93.3	73.4 110.0
97	50.1	39.2 58.8
132	24.0	18.7 28.1





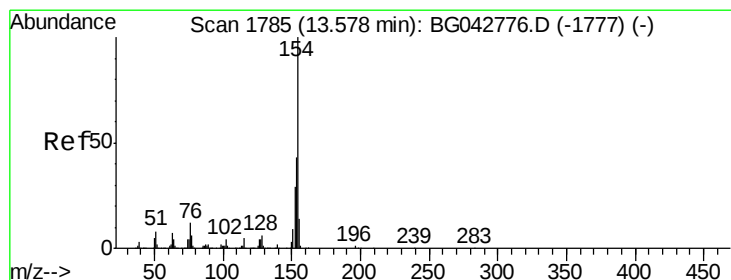
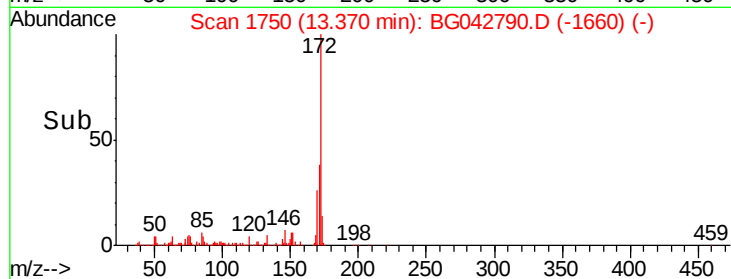
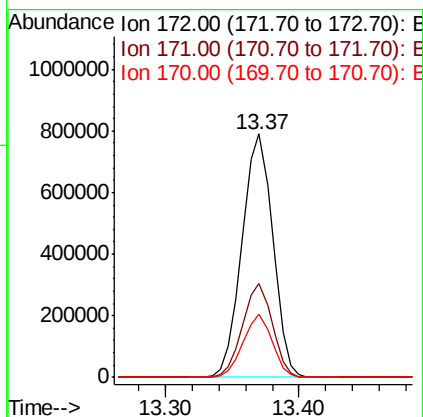
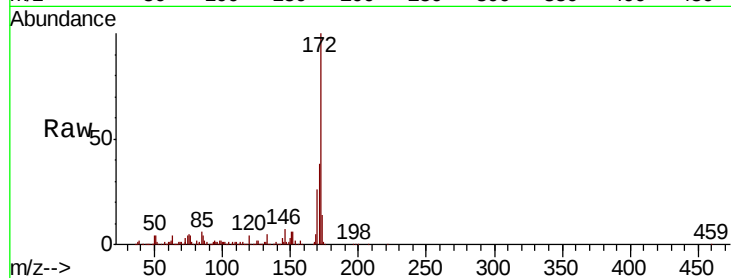
#45
2-Fluorobiphenyl
Concen: 95.955 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	25.9	19.1	28.7

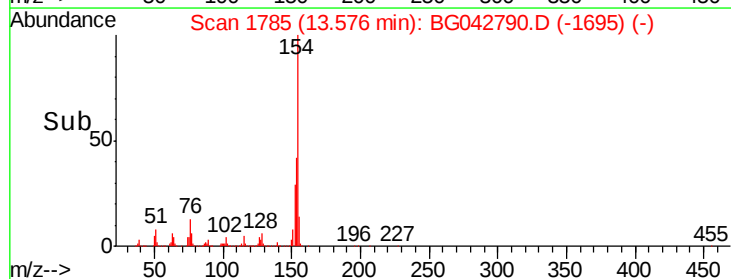
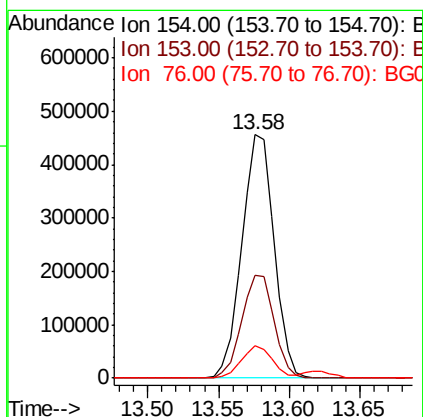
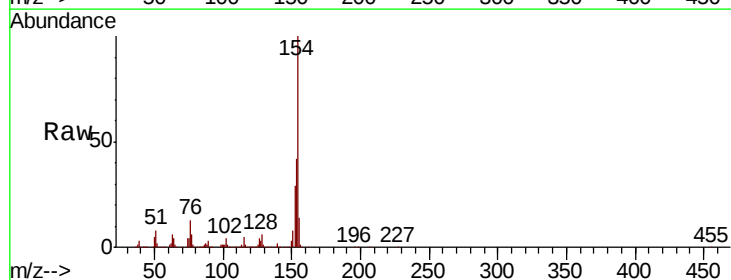
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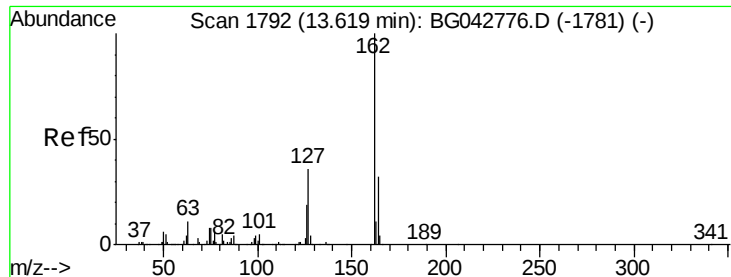
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#46
1,1'-Biphenyl
Concen: 50.166 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.6	62.6
76	13.1	0.0	32.2





#47

2-Chloronaphthalene

Concen: 47.643 ng

RT: 13.62 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Instrument :

BNA_G

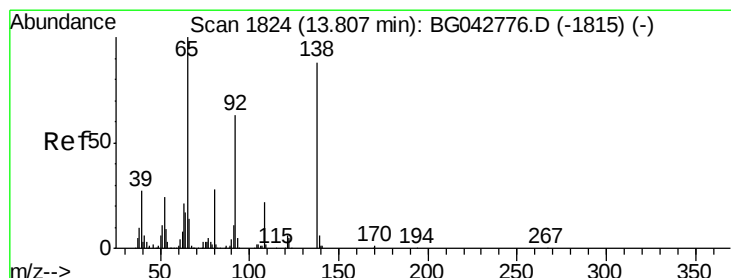
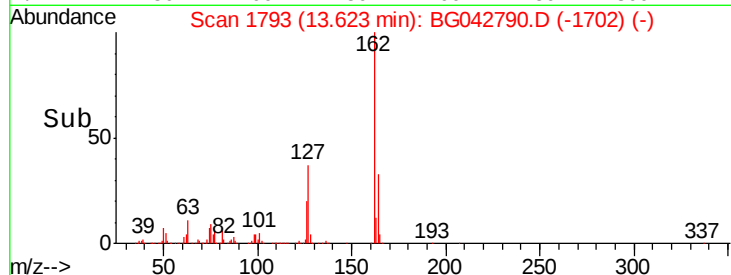
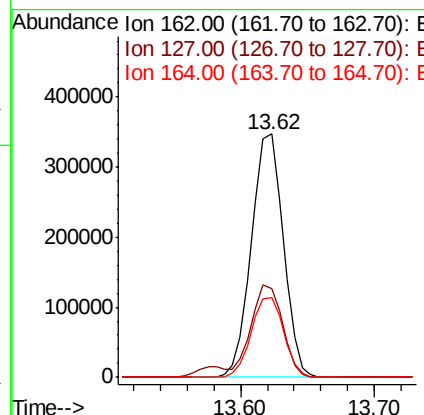
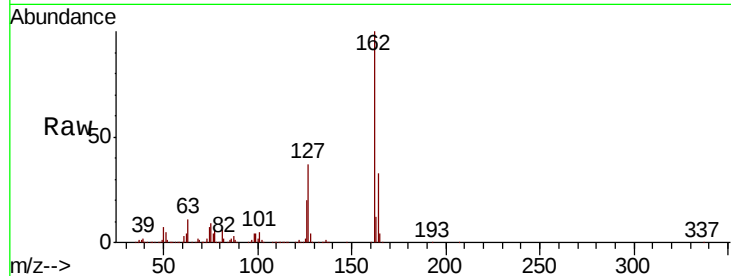
ClientSampleId :

GIS-4(0-4)MSD

Tot Ion:	162	Resp:	571882
Ion Ratio	Lower	Upper	
162	100		
127	36.6	29.3	43.9
164	32.7	26.0	39.0

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#48

2-Nitroaniline

Concen: 49.488 ng

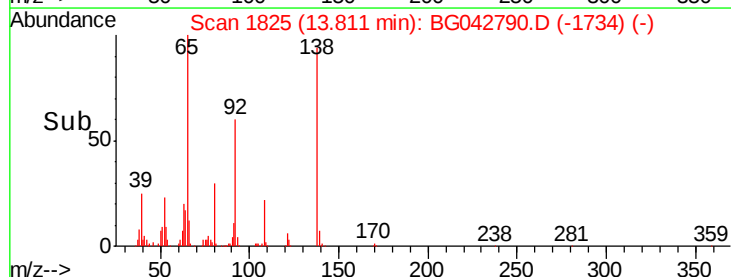
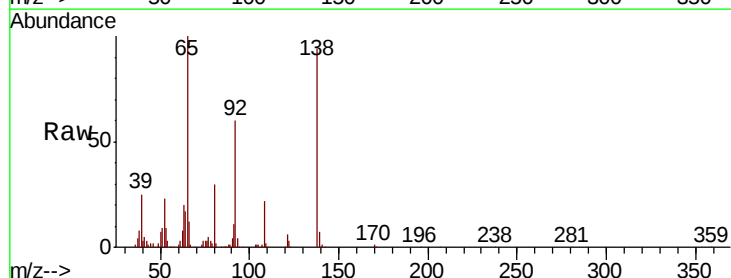
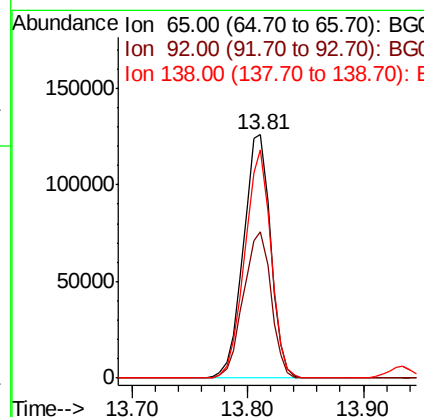
RT: 13.81 min Scan# 1825

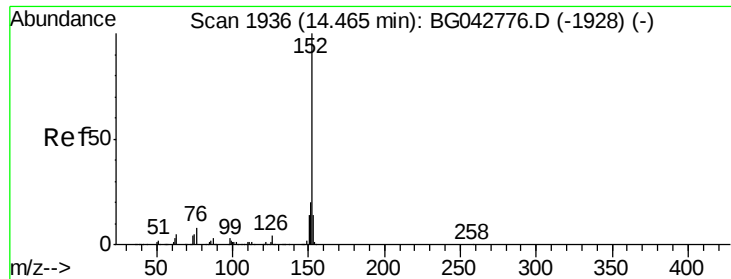
Delta R.T. 0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Tgt Ion:	65	Resp:	206066
Ion Ratio	Lower	Upper	
65	100		
92	60.2	50.4	75.6
138	93.9	70.6	106.0





#49

Acenaphthylene

Concen: 50.143 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Instrument :

BNA_G

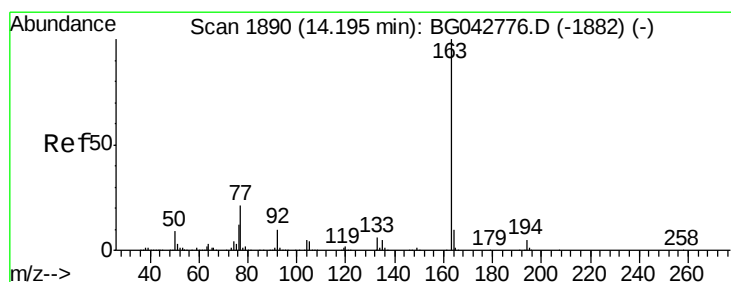
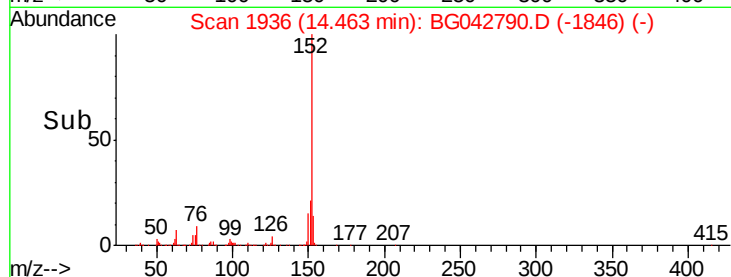
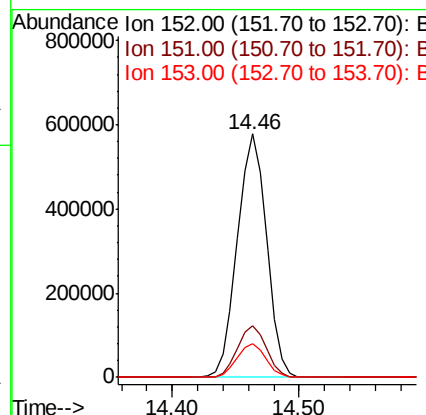
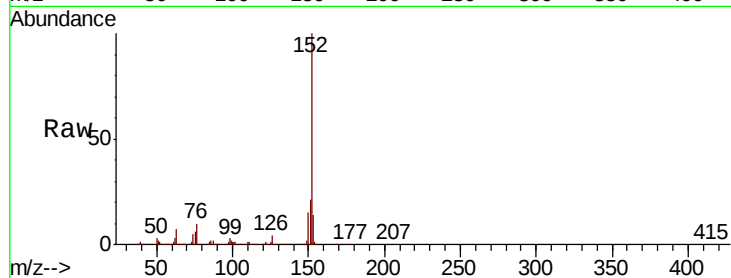
ClientSampleId :

GIS-4(0-4)MSD

Tot Ion:	152	Resp:	919794
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.0	24.0
153	13.7	11.4	17.0

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#50

Dimethylphthalate

Concen: 54.206 ng

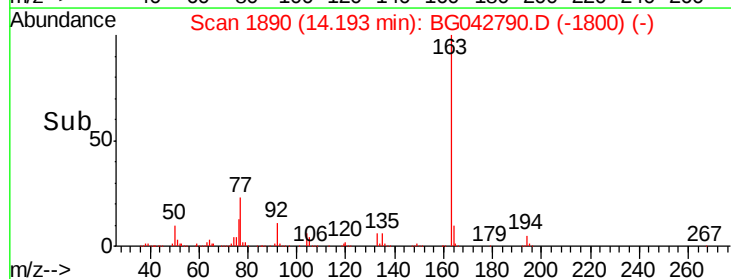
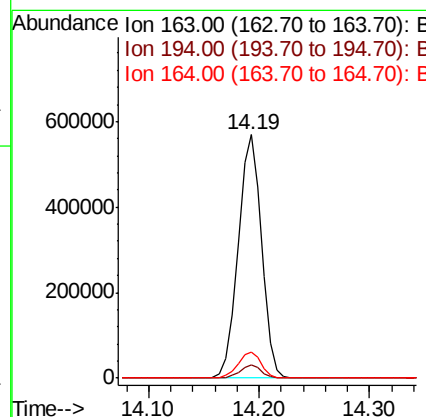
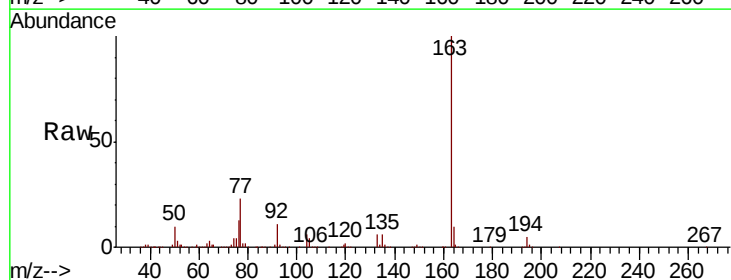
RT: 14.19 min Scan# 1890

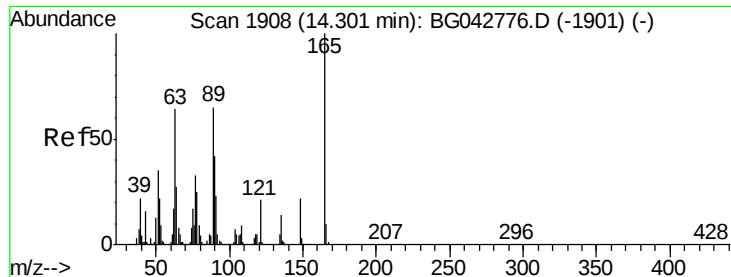
Delta R.T. -0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Tgt Ion:	163	Resp:	841674
Ion Ratio	Lower	Upper	
163	100		
194	5.2	4.2	6.4
164	10.4	8.4	12.6





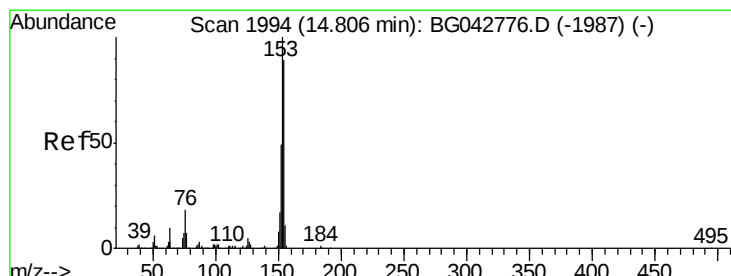
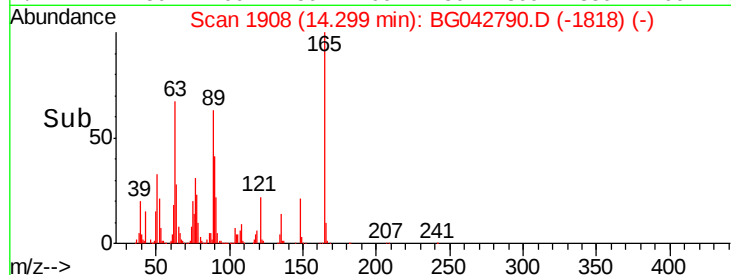
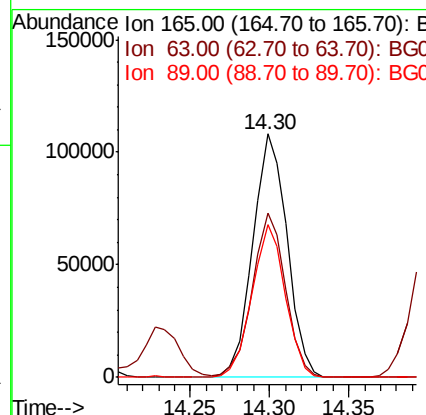
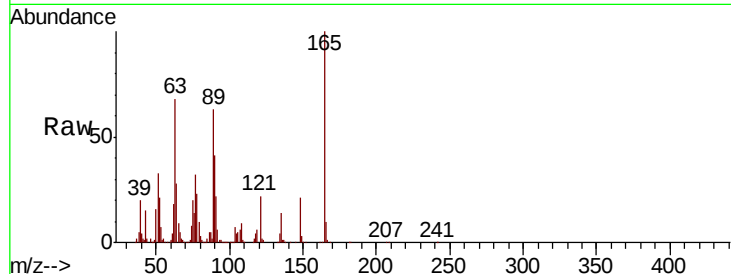
#51
2,6-Dinitrotoluene
Concen: 51.005 ng
RT: 14.30 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	162507		
63	67.7	52.1	78.1	
89	62.9	51.7	77.5	

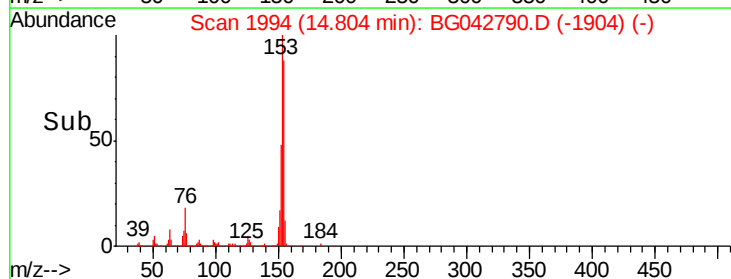
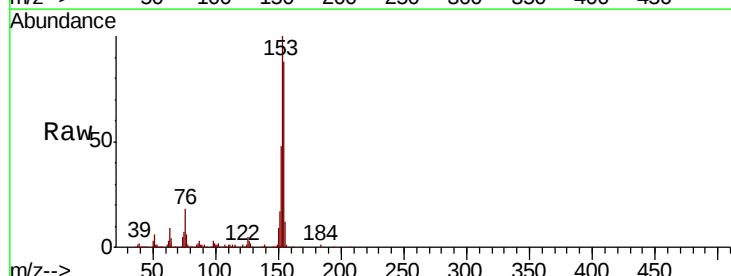
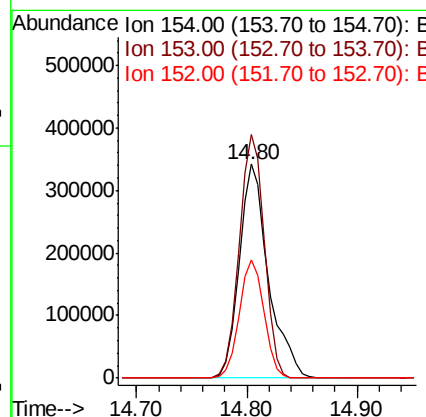
Manual Integrations
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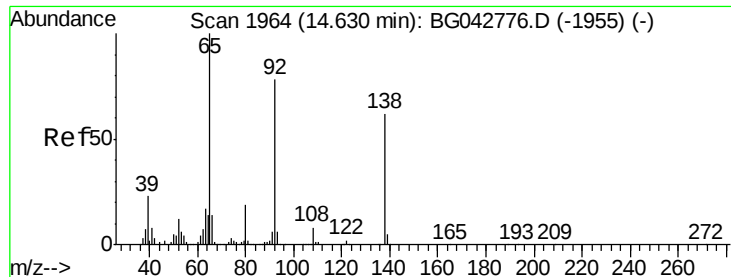
mohammad
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#52
Acenaphthene
Concen: 52.741 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	632032		
153	114.0	89.4	134.2	
152	55.2	43.5	65.3	





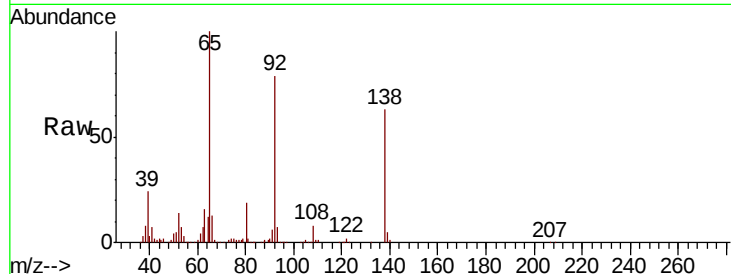
#53
 3-Nitroaniline
 Concen: 36.376 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG042790.D
 Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.9	10.7	16.1
92	126.4	100.5	150.7

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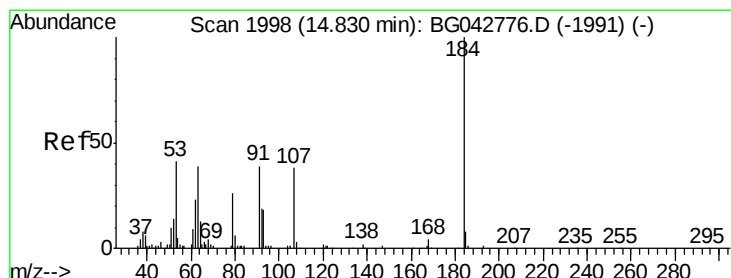
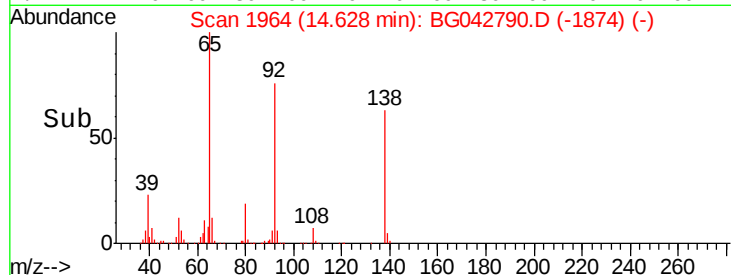
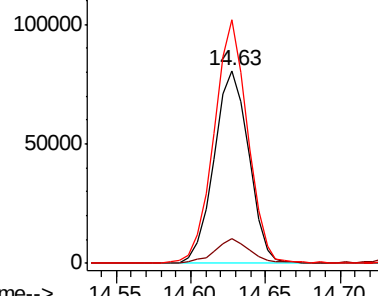


Abundance

Ion 138.00 (137.70 to 138.70): E

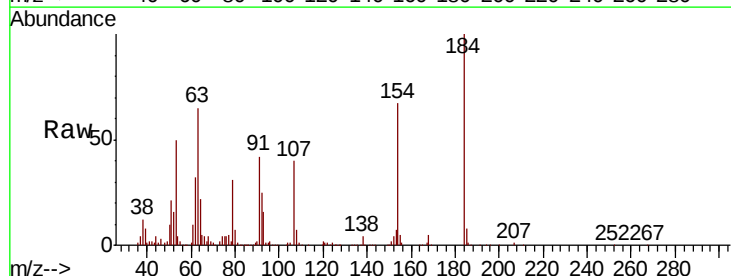
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
 2,4-Dinitrophenol
 Concen: 104.225 ng
 RT: 14.83 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BG042790.D
 Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.5	46.2	69.4
154	66.8	81.3	121.9#

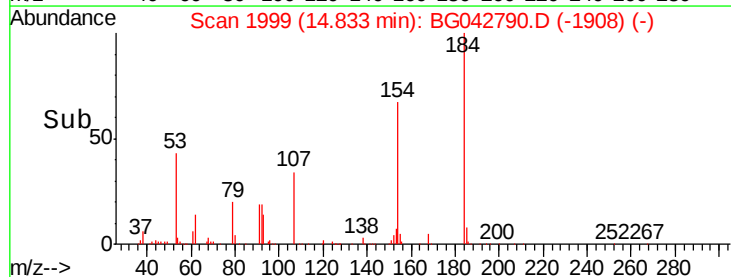
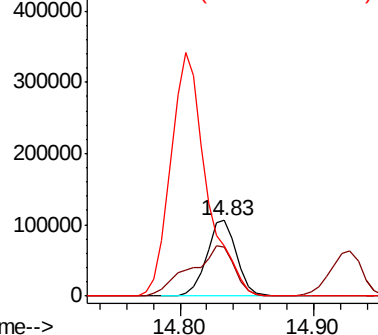


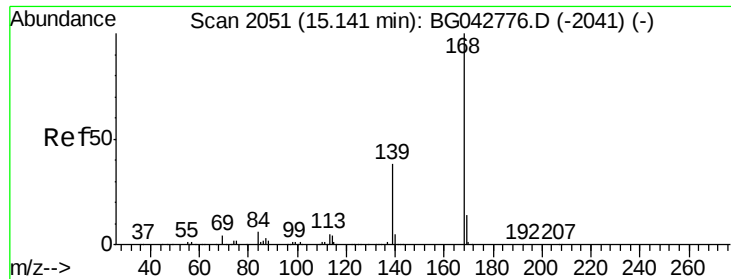
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





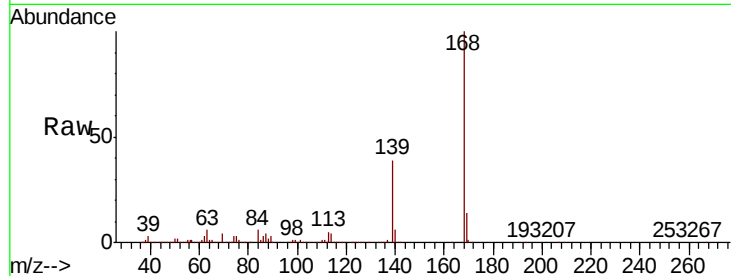
#55
Dibenzenofuran
Concen: 49.226 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.2	45.4
169	14.5	11.2	16.8

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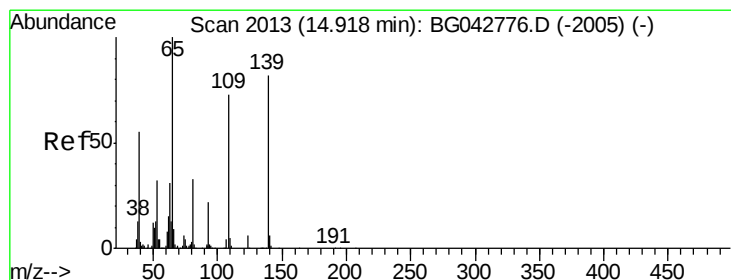
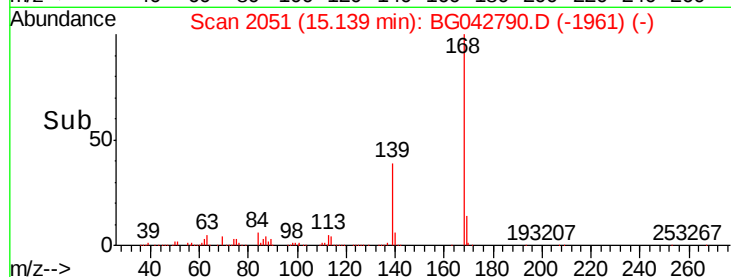
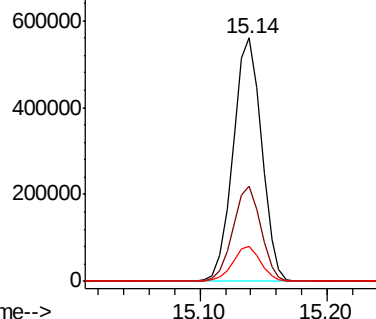


Abundance

Ion 168.00 (167.70 to 168.70): E

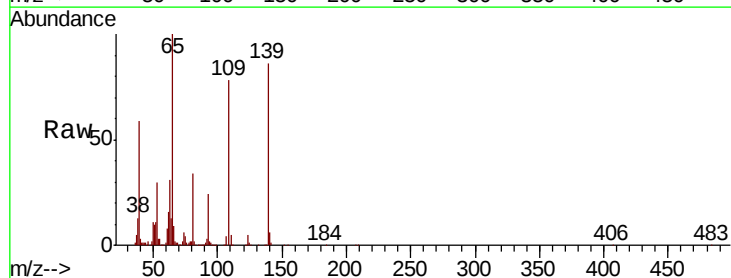
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 102.462 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.3	69.4	109.4
65	116.4	102.5	142.5

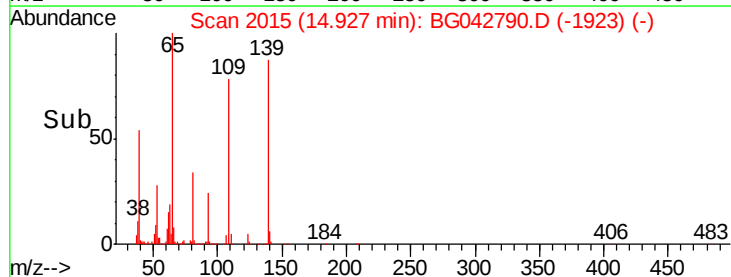
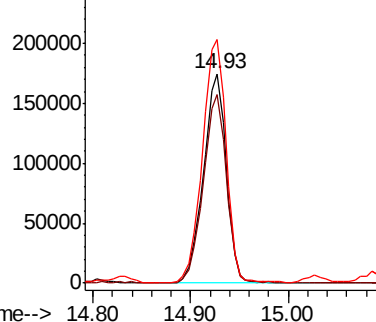


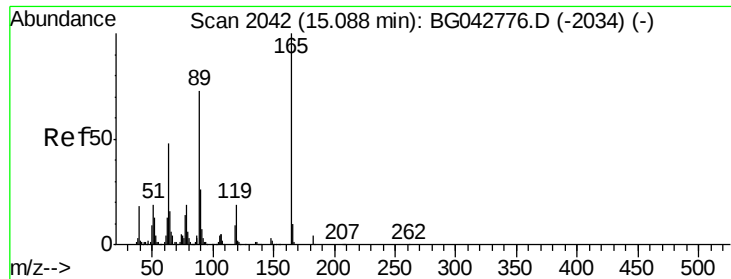
Abundance

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





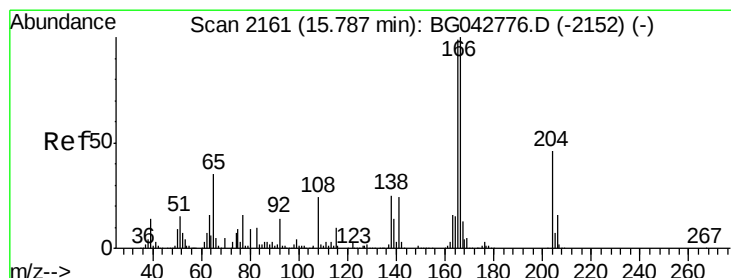
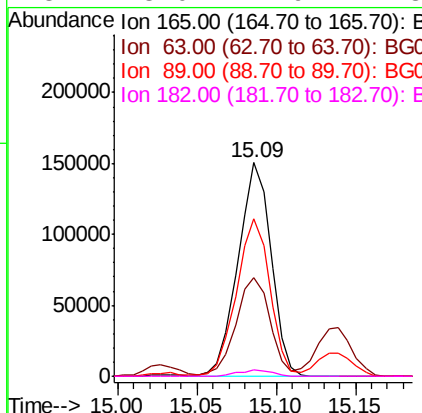
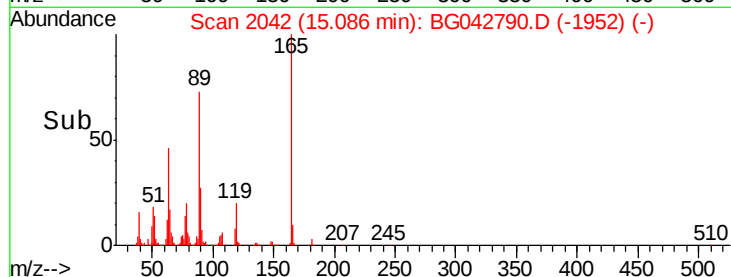
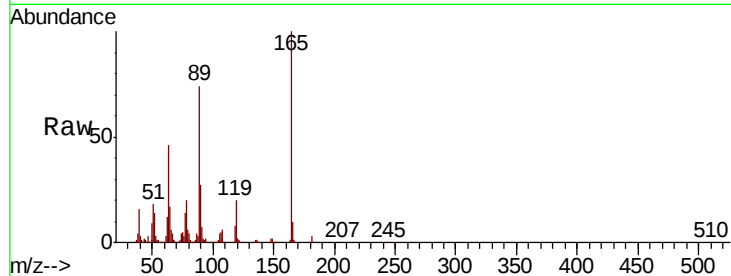
#57
2,4-Dinitrotoluene
Concen: 51.445 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		218476		
63	46.5	38.3		57.5	
89	73.5	58.4		87.6	
182	3.0	2.9		4.3	

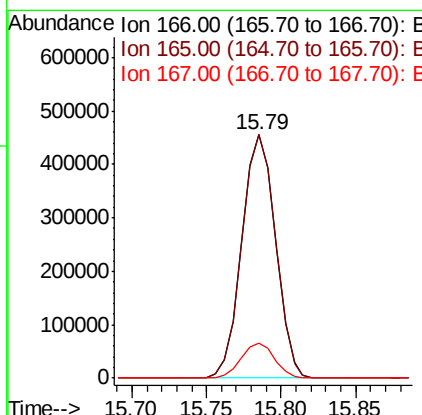
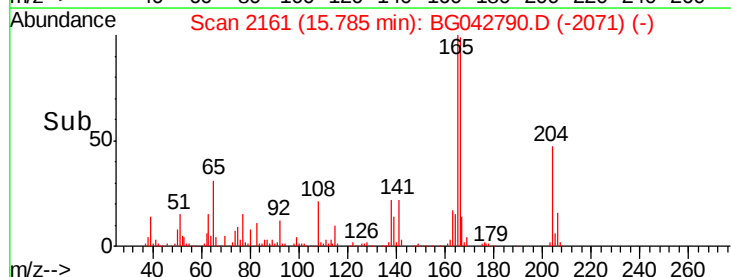
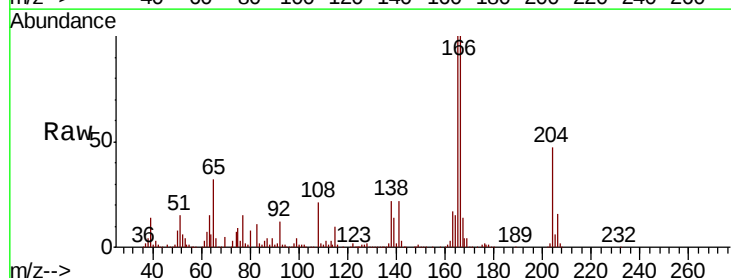
Manual Integrations
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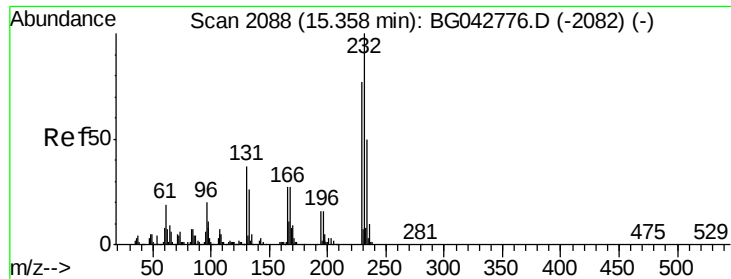
mohammad
9/16/2019 9:03:34 AM



#58
Fluorene
Concen: 48.207 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		711645		
165	100.0	79.1		118.7	
167	14.2	10.7		16.1	





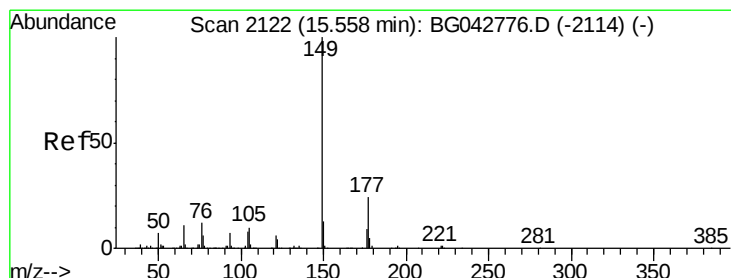
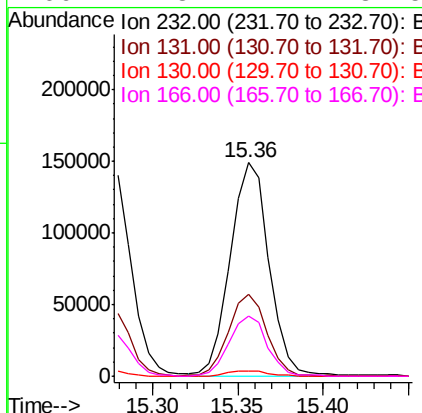
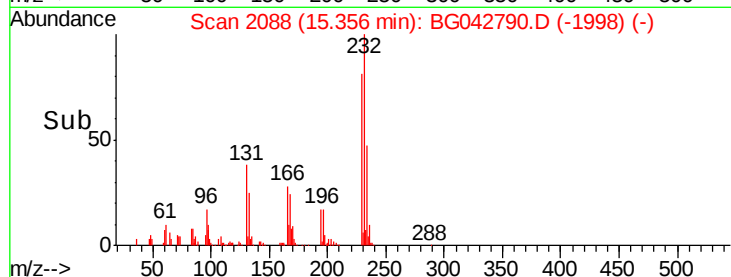
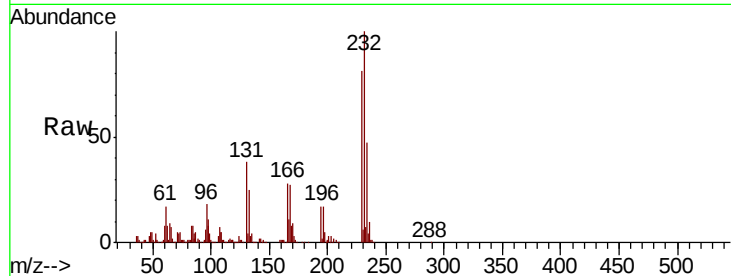
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.438 ng m
RT: 15.36 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.0	31.1	46.7
130	2.4	1.8	2.6
166	21.8	21.7	32.5

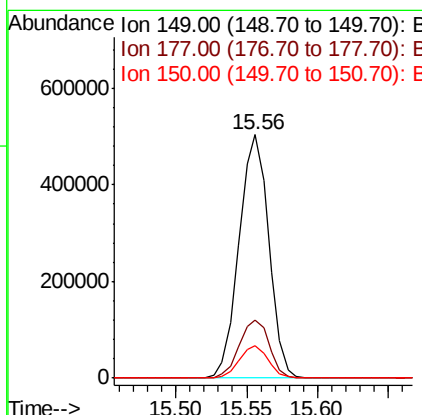
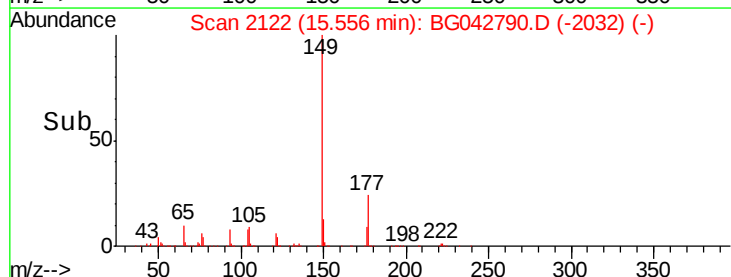
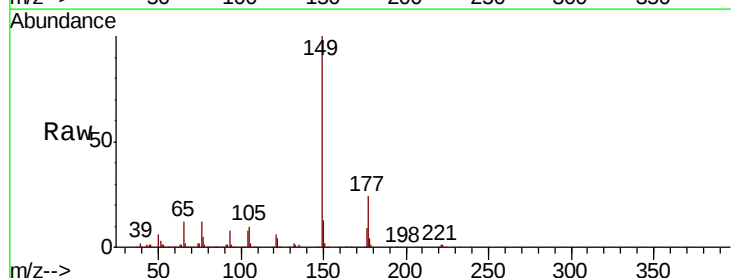
Manual Integrations
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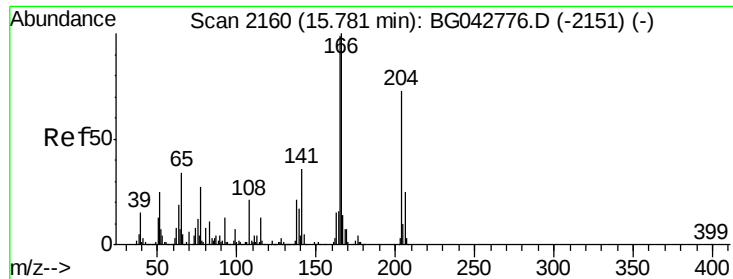
mohammad
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#60
Diethylphthalate
Concen: 46.909 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.4	29.0
150	13.4	10.2	15.4





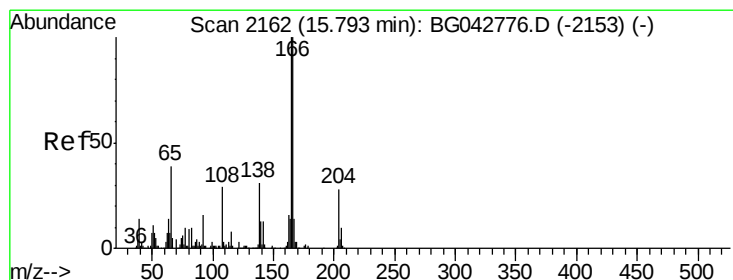
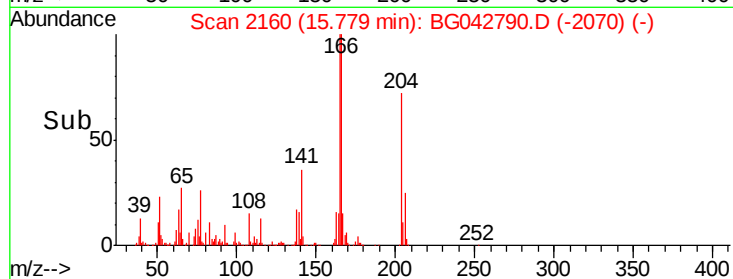
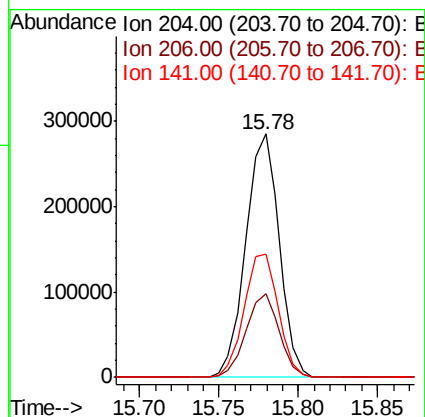
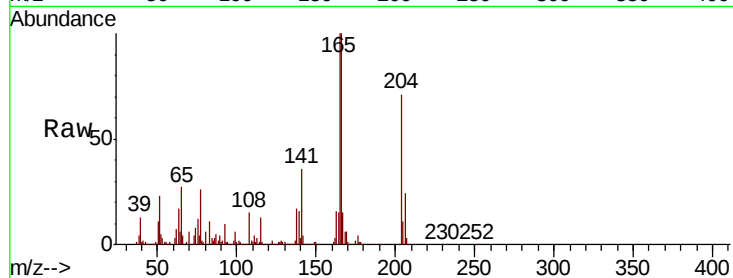
#61
4-Chlorophenyl-phenylether
Concen: 47.709 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.2	27.6	41.4	
141	50.9	39.8	59.6	

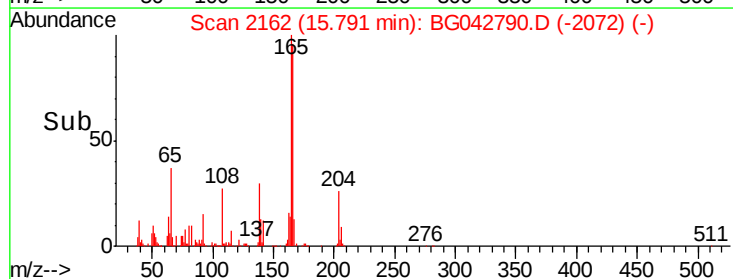
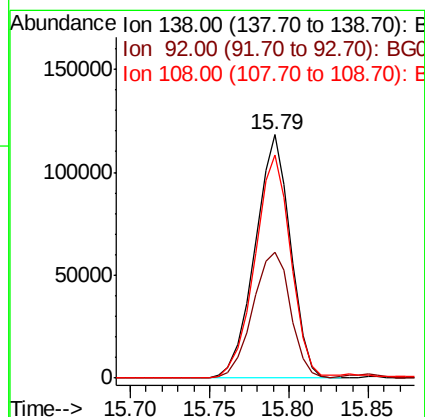
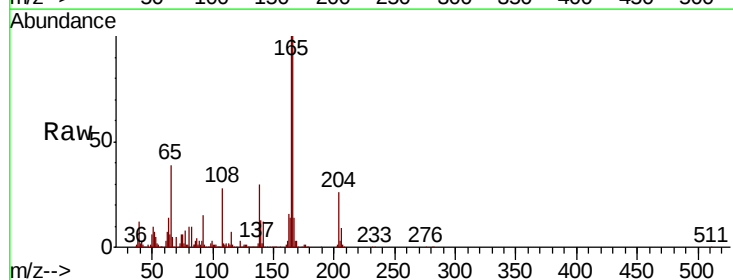
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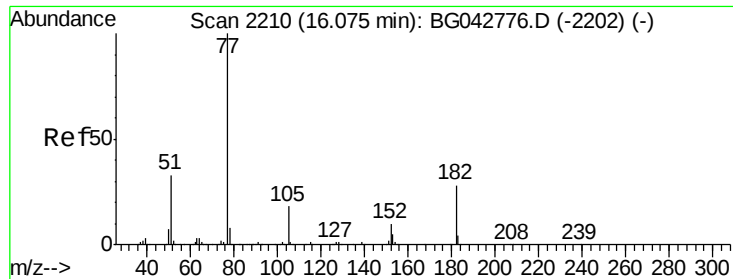
mohammad
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#62
4-Nitroaniline
Concen: 47.830 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	51.6	31.4	71.4	
108	91.7	74.8	114.8	





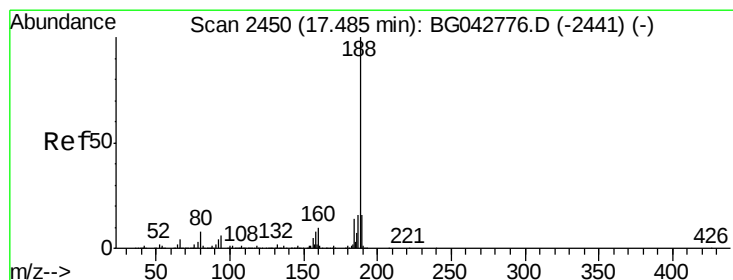
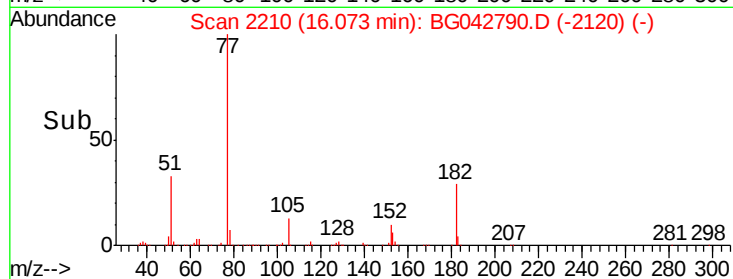
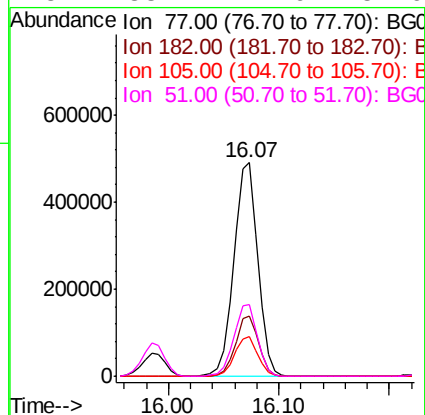
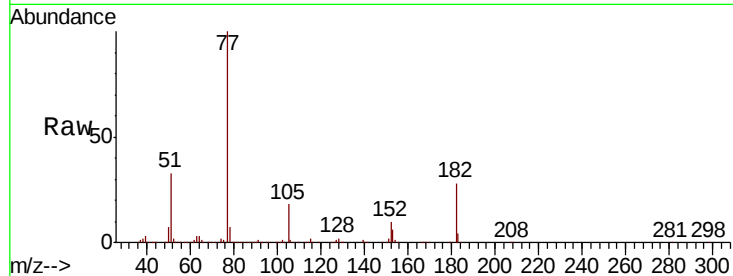
#63
Azobenzene
Concen: 49.153 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.3	8.1	48.1
105	18.5	0.0	38.1
51	33.4	12.9	52.9

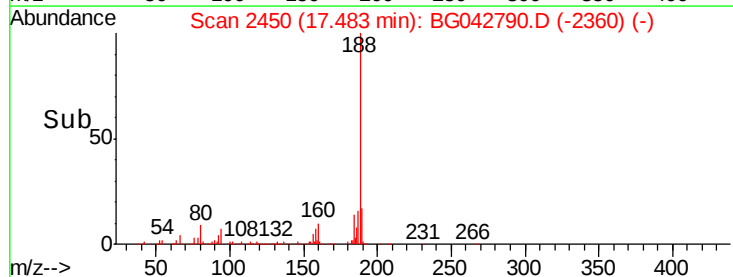
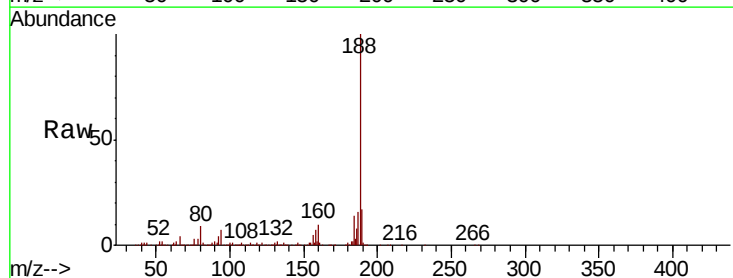
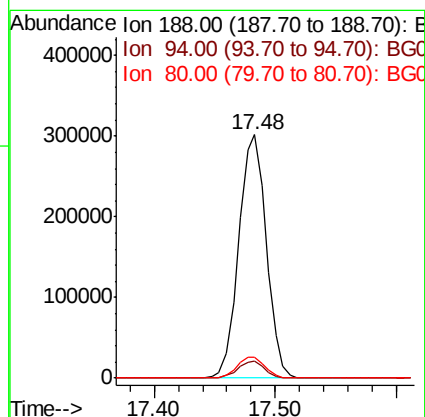
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	4.8	7.2
80	8.6	6.6	9.8





#65

4,6-Dinitro-2-methylphenol

Concen: 57.077 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Instrument :

BNA_G

ClientSampleId :

GIS-4(0-4)MSD

Tot Ion:198 Resp: 117364

Ion Ratio Lower Upper

198 100

51 44.8 20.9 60.9

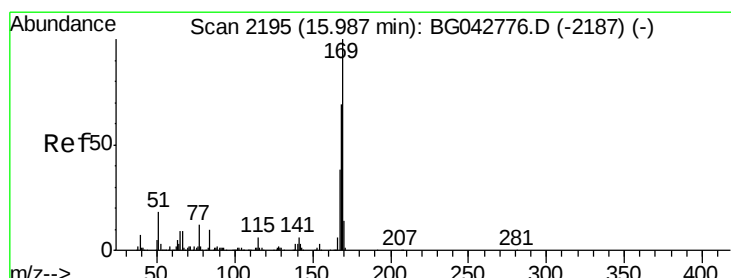
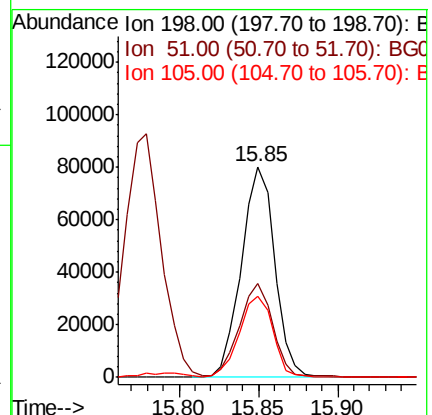
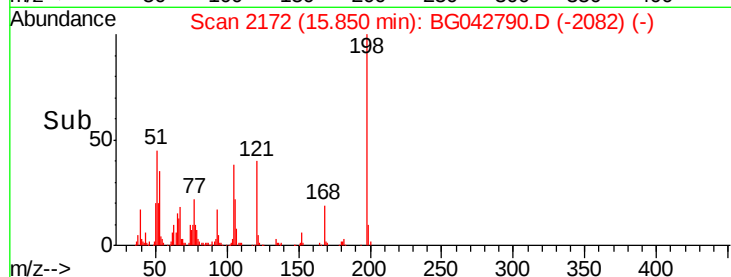
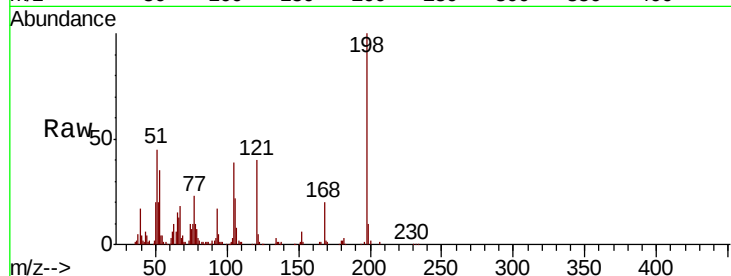
105 38.7 16.4 56.4

Manual Integrations

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#66

n-Nitrosodiphenylamine

Concen: 49.955 ng

RT: 15.99 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

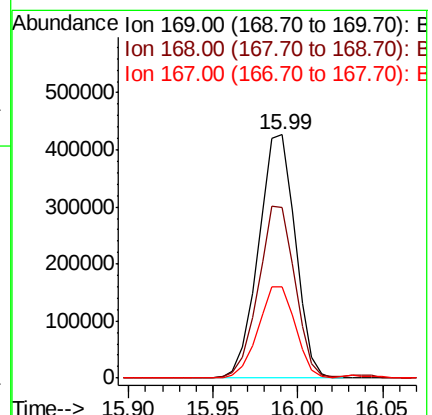
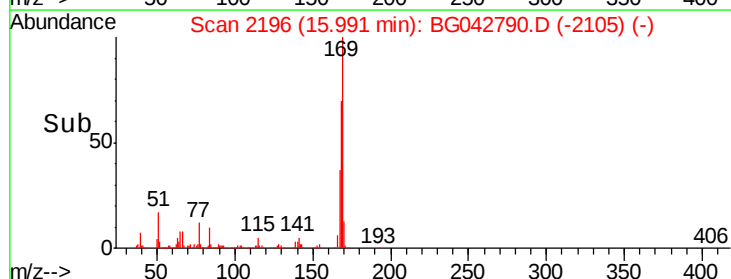
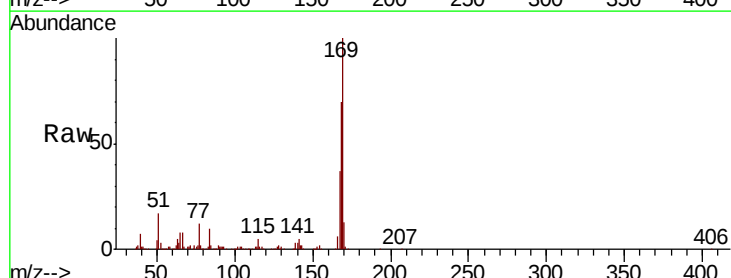
Tgt Ion:169 Resp: 645981

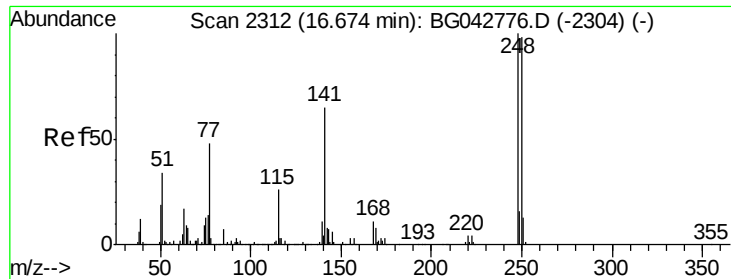
Ion Ratio Lower Upper

169 100

168 70.0 55.4 83.2

167 37.5 30.4 45.6





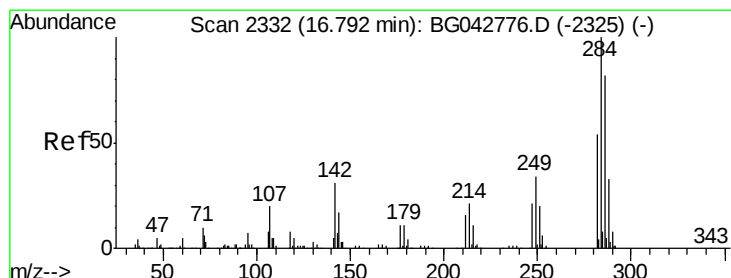
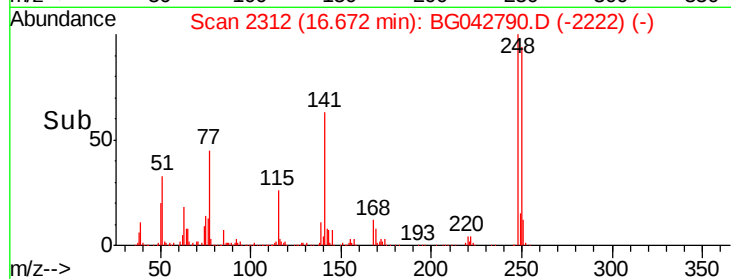
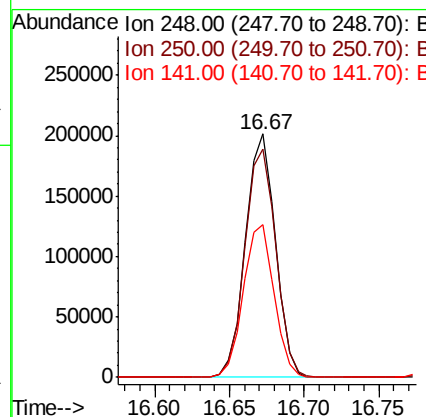
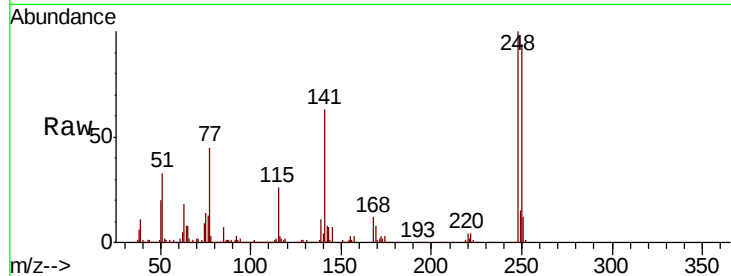
#67
4-Bromophenyl-phenylether
Concen: 48.004 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Instrument :
BNA_G
ClientSampled :
GIS-4(0-4)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.9	78.0	117.0
141	62.8	51.8	77.6

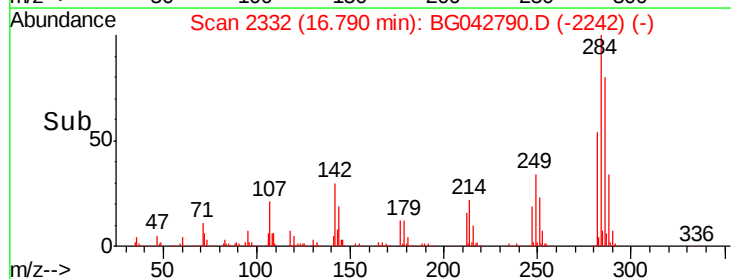
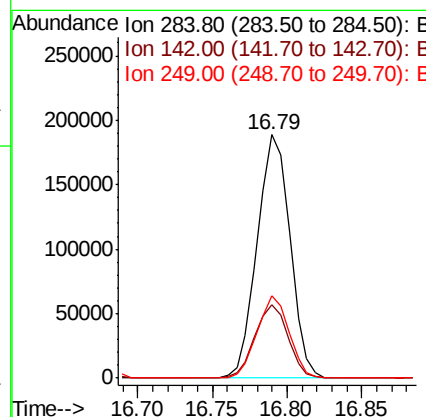
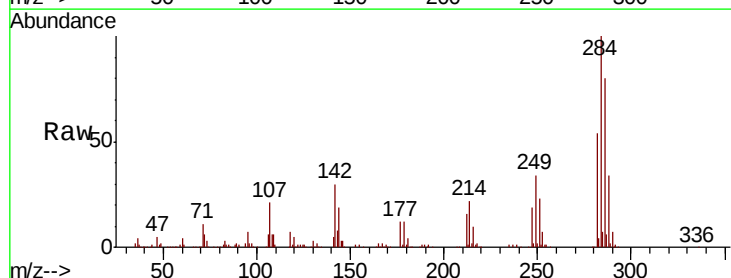
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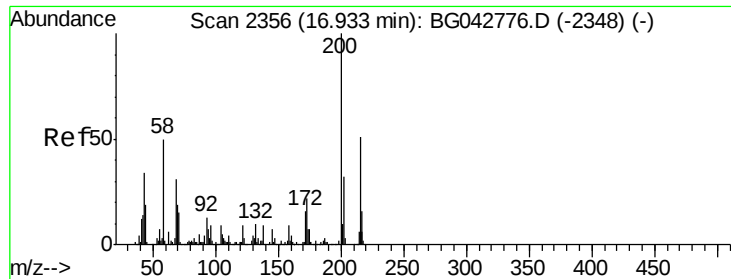
mohammad
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#68
Hexachlorobenzene
Concen: 46.149 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	24.7	37.1
249	33.7	27.0	40.4





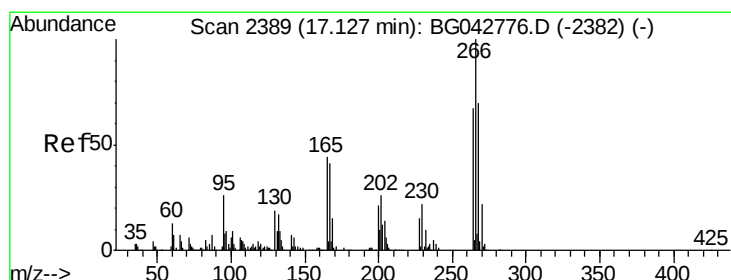
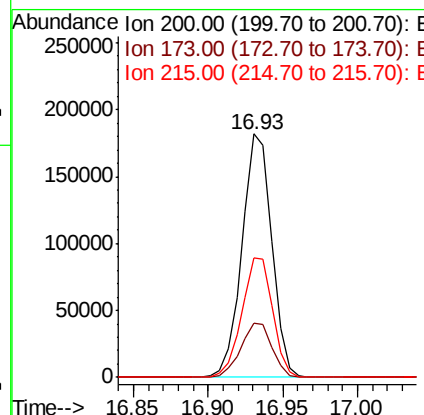
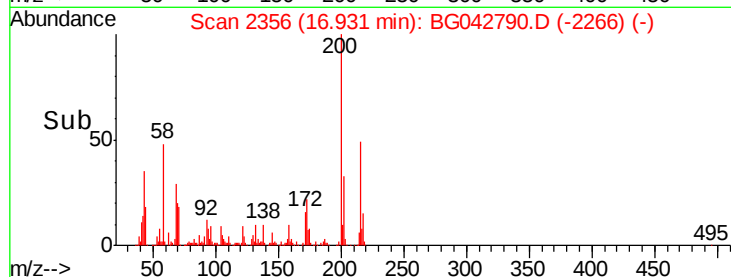
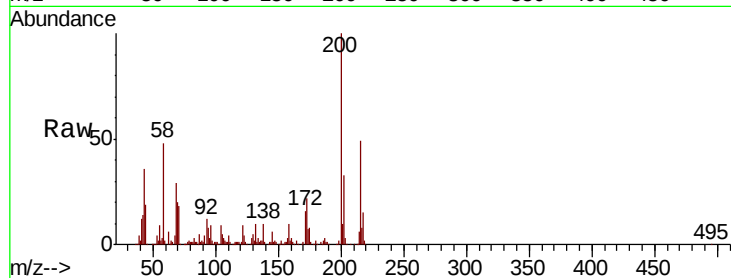
#69
Atrazine
Concen: 55.990 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Resp	Lower	Upper
200	100	252128		
173	22.2		2.5	42.5
215	49.2		31.0	71.0

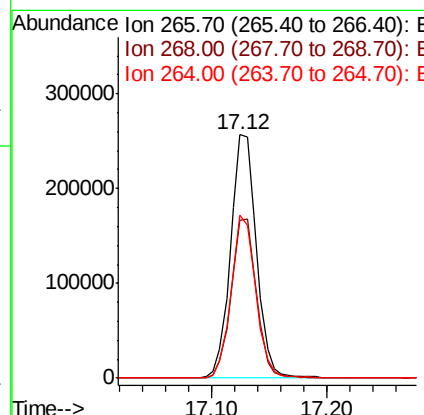
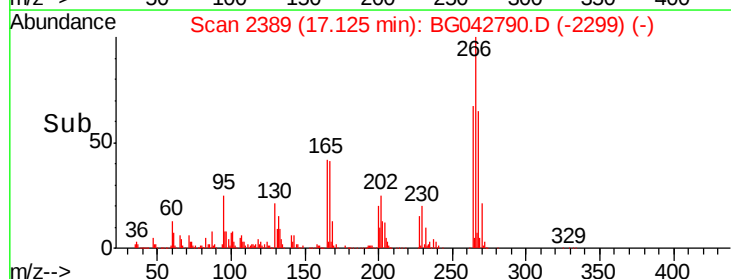
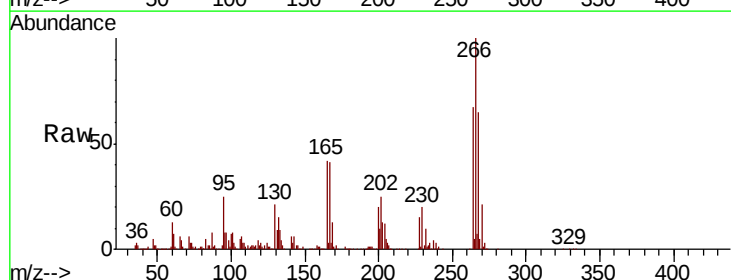
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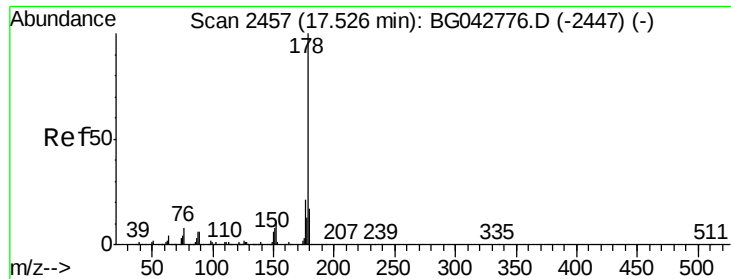
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#70
Pentachlorophenol
Concen: 107.848 ng
RT: 17.12 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	397632		
268	64.6		56.2	84.4
264	67.0		53.4	80.2





#71

Phenanthrene

Concen: 49.284 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Instrument :

BNA_G

ClientSampleId :

GIS-4(0-4)MSD

Tot Ion:178 Resp: 1132657

Ion Ratio Lower Upper

178 100

176 21.4 17.0 25.4

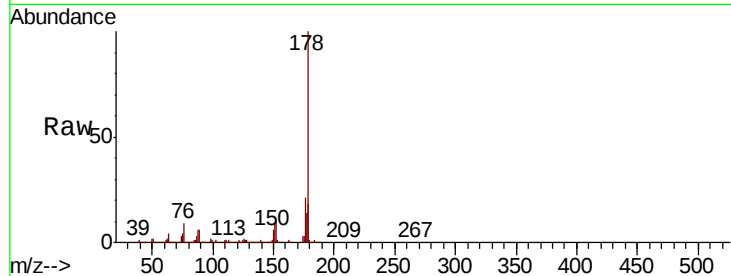
179 17.8 13.6 20.4

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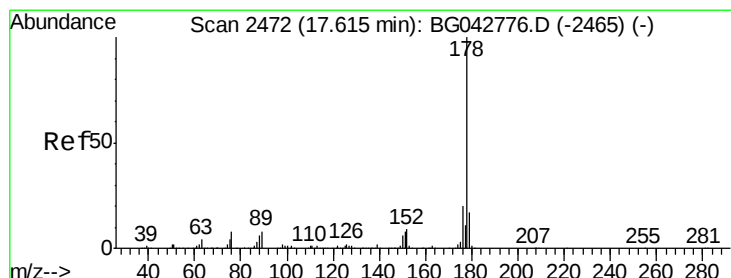
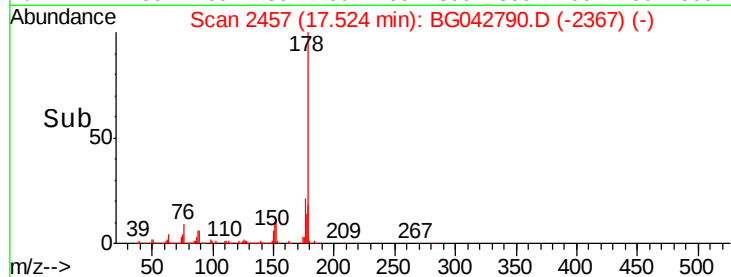
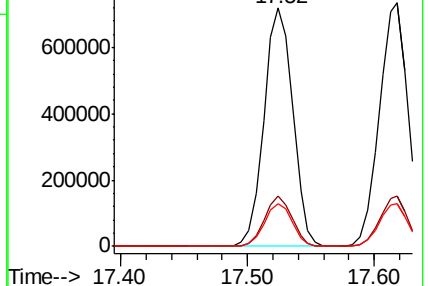
9/16/2019 9:03:34 AM



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: 50.448 ng

RT: 17.62 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

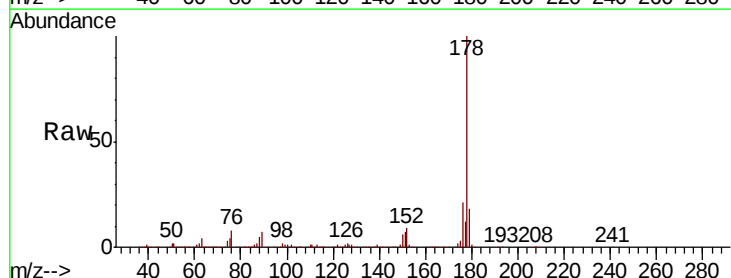
Tgt Ion:178 Resp: 1158310

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.4

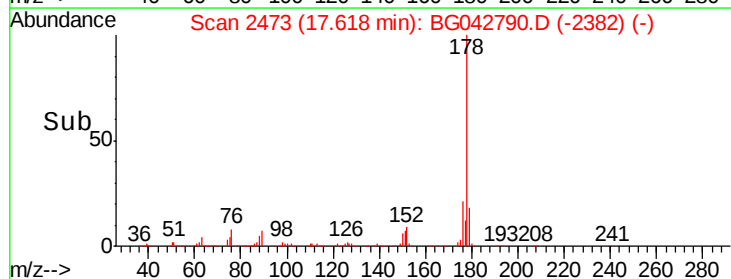
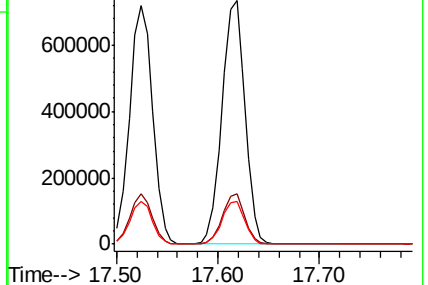
179 17.6 13.6 20.4

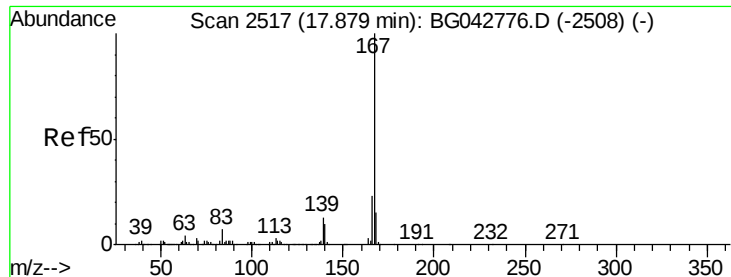


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





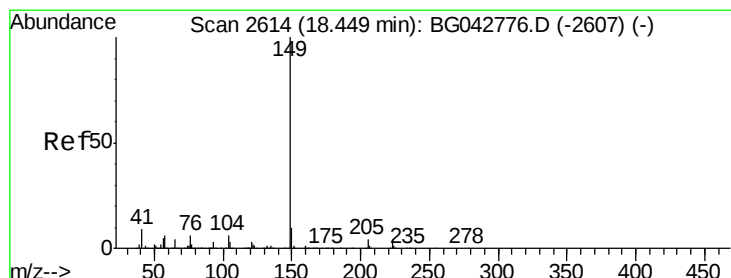
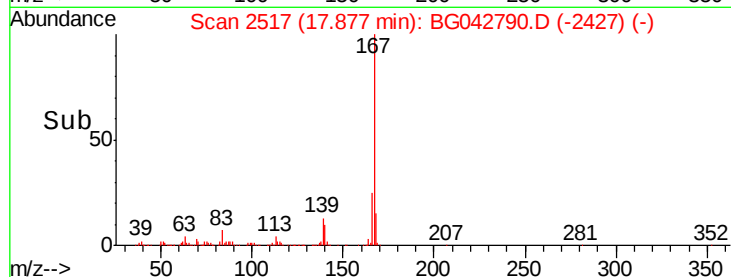
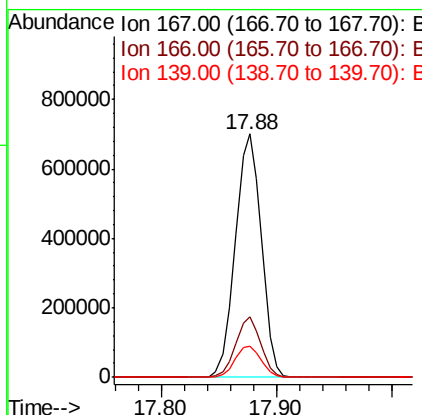
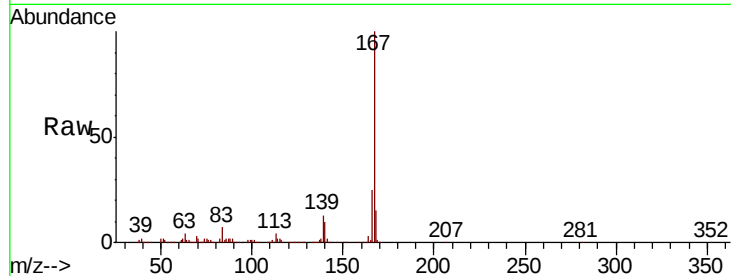
#73
 Carbazole
 Concen: 49.900 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042790.D
 Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	18.3	27.5
139	13.0	10.2	15.4

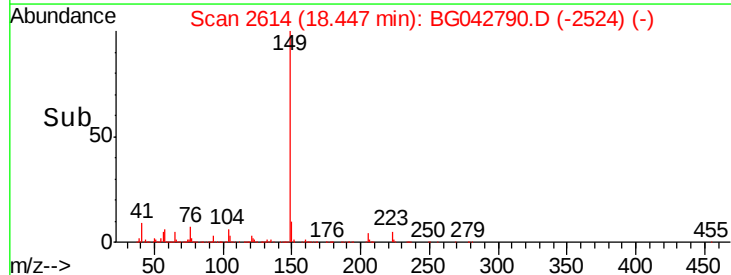
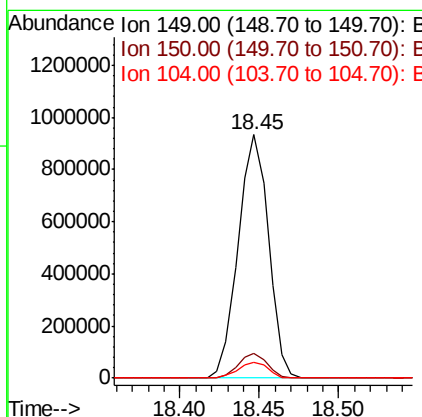
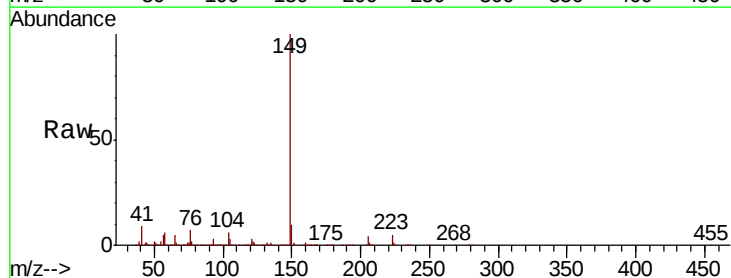
Manual Integrations
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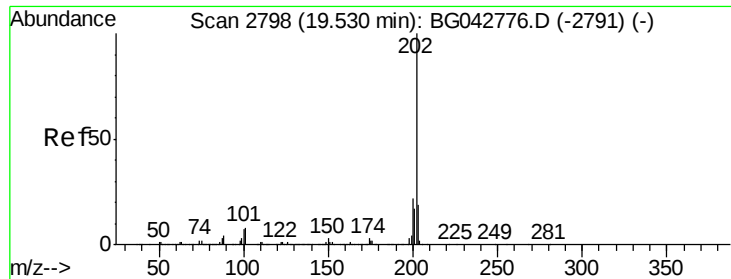
mohammad
 9/16/2019 9:03:34 AM



#74
 Di-n-butylphthalate
 Concen: 47.437 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BG042790.D
 Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.0	12.0
104	6.3	5.1	7.7





#75

Fluoranthene

Concen: 50.016 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Instrument :

BNA_G

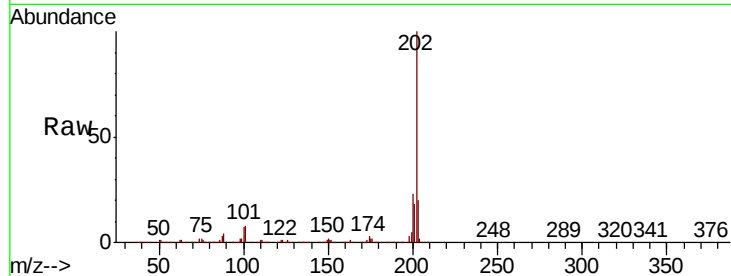
ClientSampleId :

GIS-4(0-4)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	27.8
203	19.7	0.0	39.1

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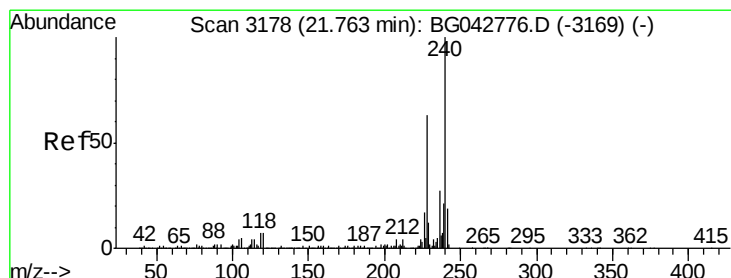
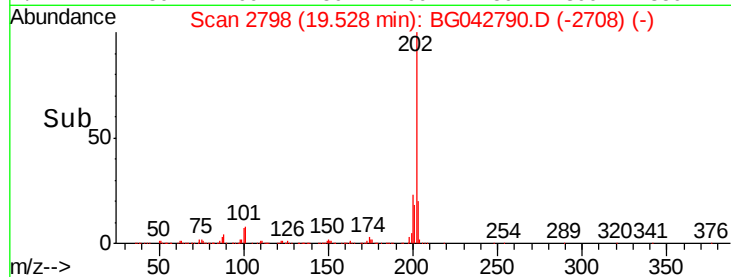
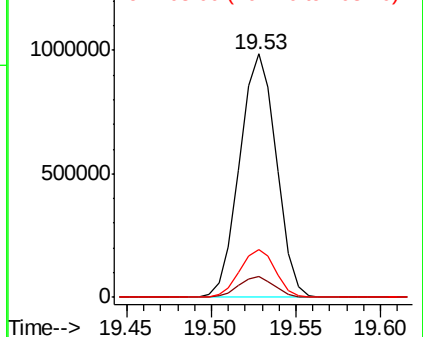


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

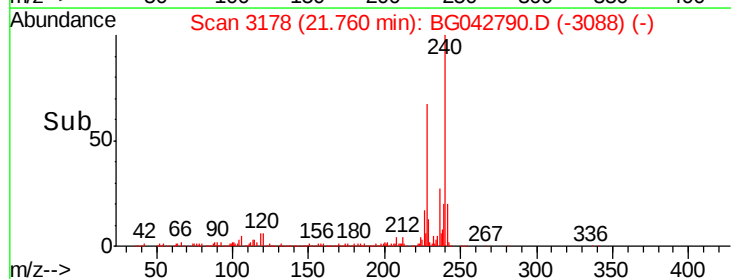
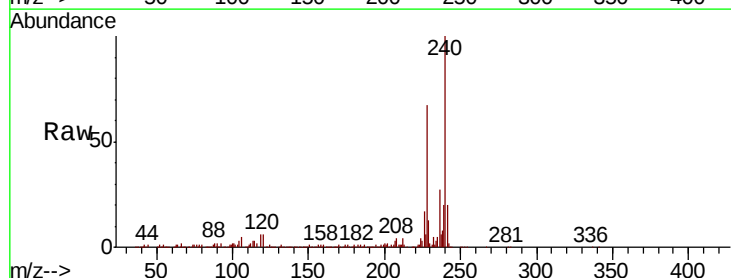
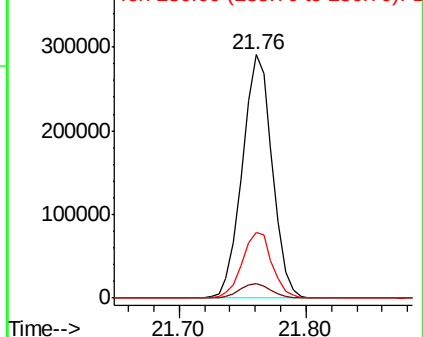
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.4	8.2
236	26.9	21.7	32.5

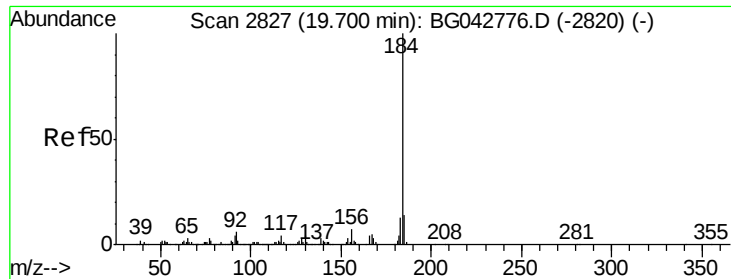
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.486 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Instrument :

BNA_G

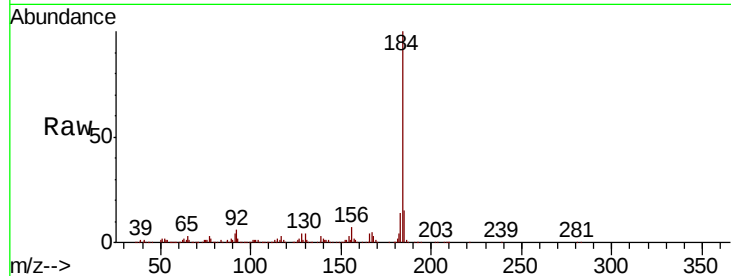
ClientSampleId :

GIS-4(0-4)MSD

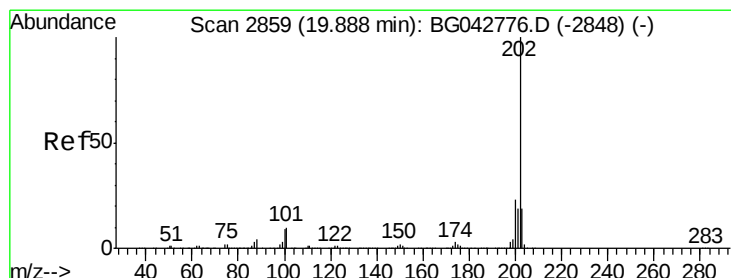
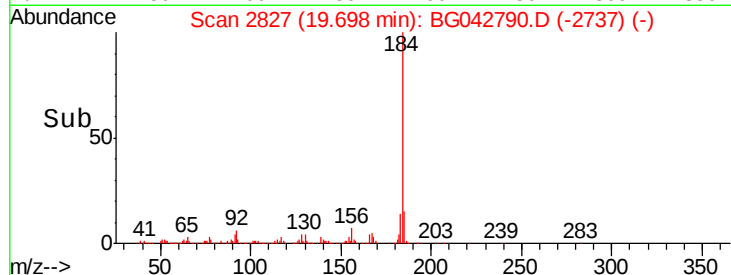
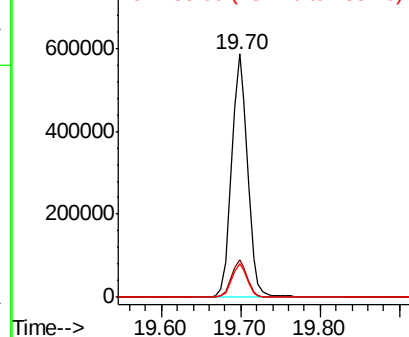
Tot Ion:	184	Resp:	818626
Ion Ratio	Lower	Upper	
184	100		
185	15.3	11.6	17.4
183	13.7	10.4	15.6

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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: 49.958 ng

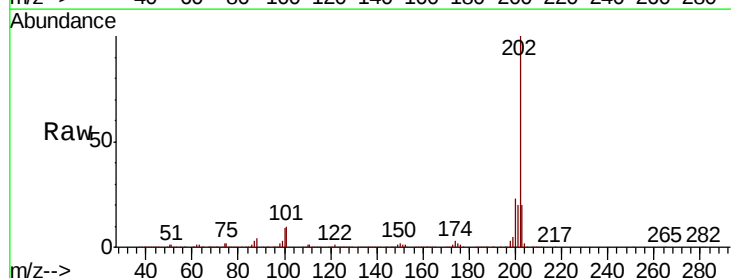
RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

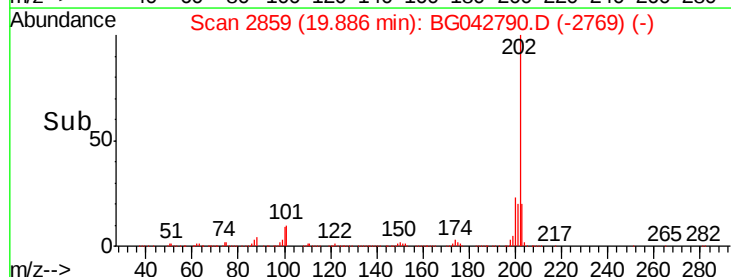
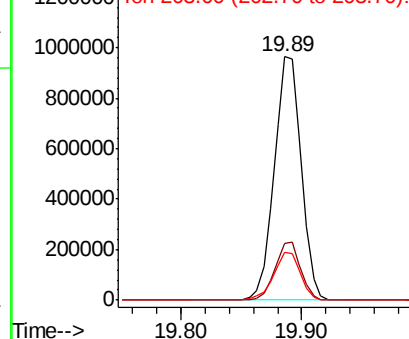
Lab File: BG042790.D

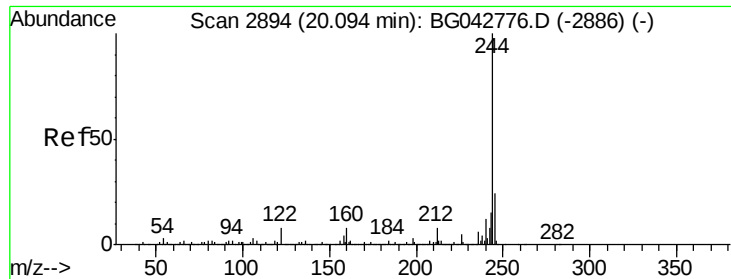
Acq: 12 Sep 2019 20:13

Tgt Ion:	202	Resp:	1490482
Ion Ratio	Lower	Upper	
202	100		
200	23.3	18.5	27.7
203	19.6	15.3	22.9



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





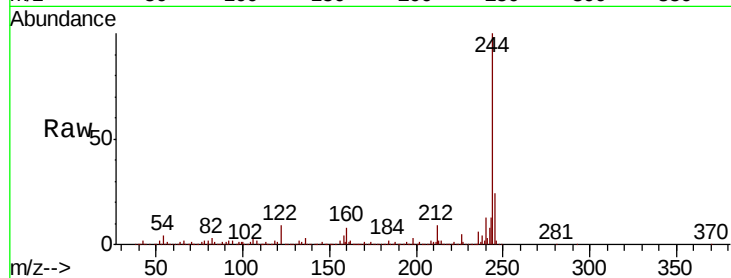
#79
 Terphenyl-d14
 Concen: 93.995 ng
 RT: 20.09 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BG042790.D
 Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	8.9	6.2	9.4

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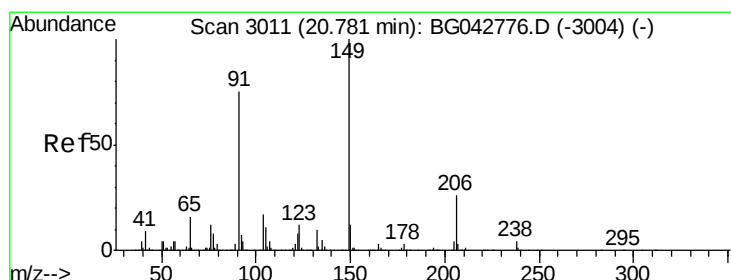
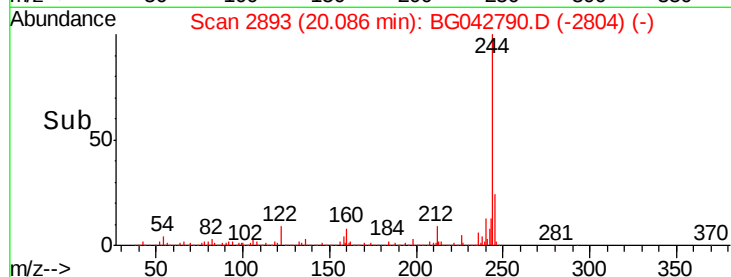
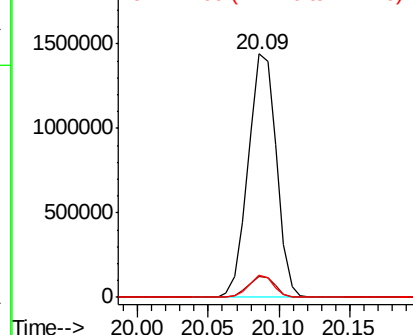


Abundance

Ion 244.00 (243.70 to 244.70): E

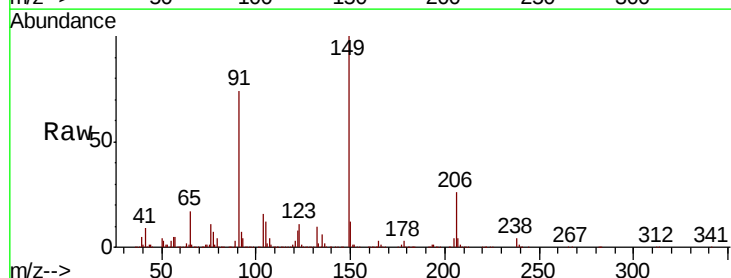
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 48.755 ng
 RT: 20.78 min Scan# 3011
 Delta R.T. -0.00 min
 Lab File: BG042790.D
 Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.5	60.2	90.2
206	26.1	20.6	30.8

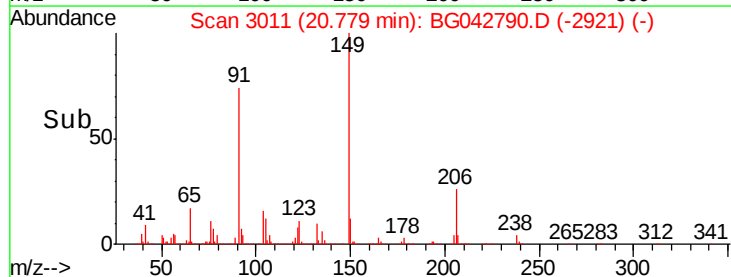
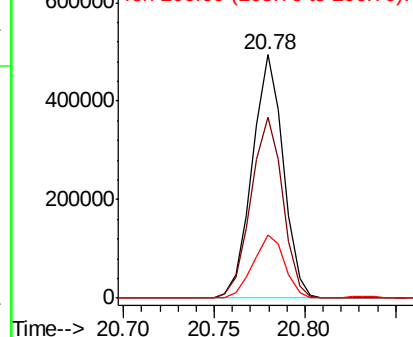


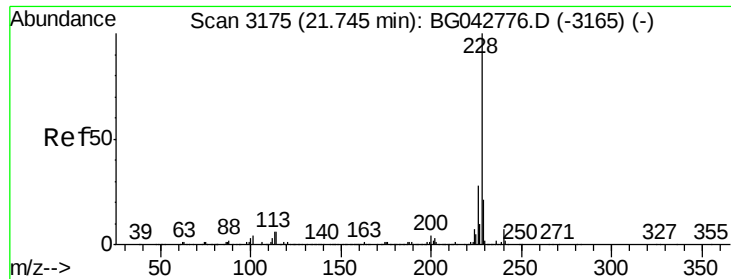
Abundance

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





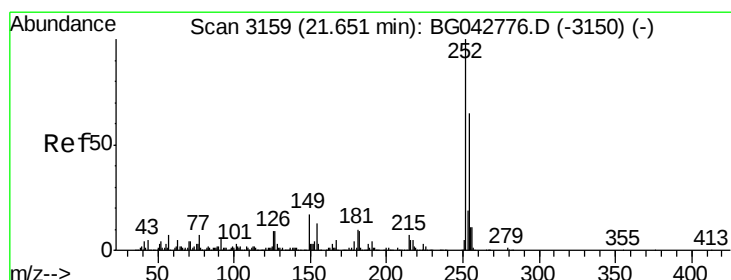
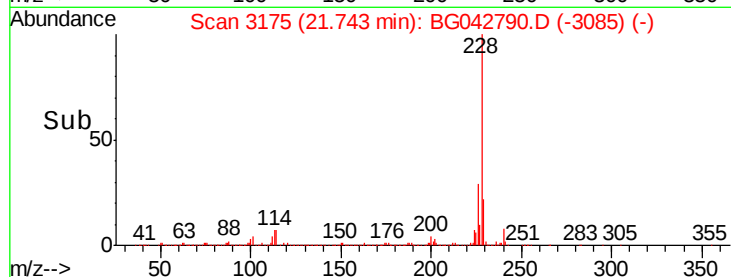
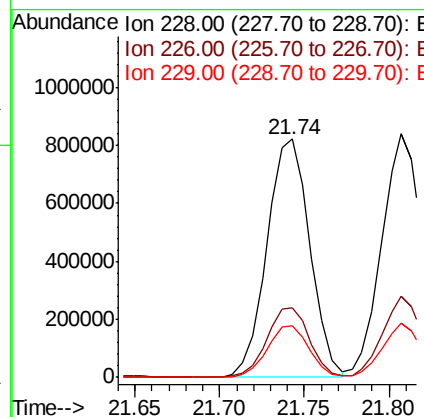
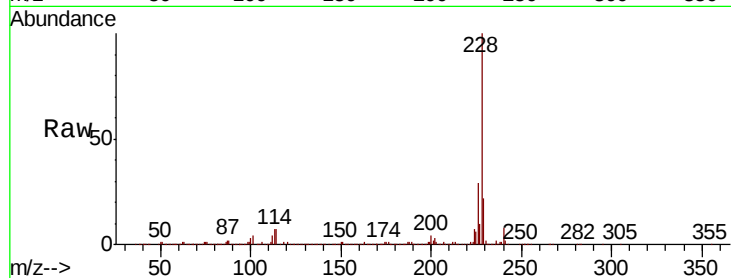
#81
Benzo(a)anthracene
Concen: 47.830 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.5	33.7
229	21.5	17.2	25.8

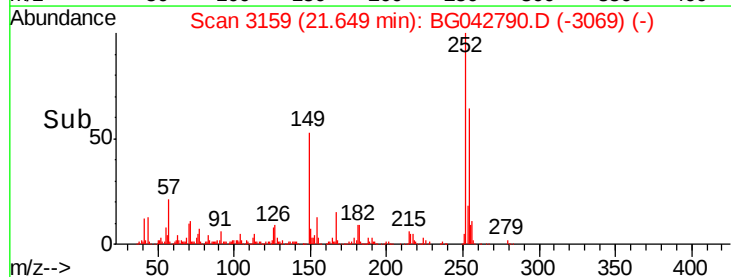
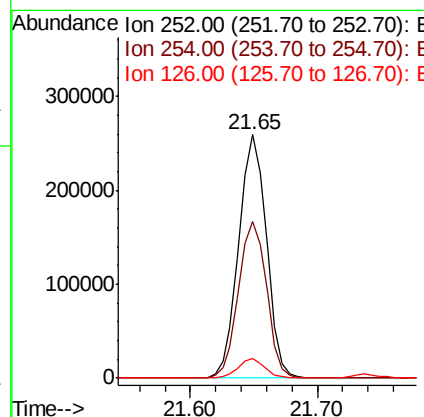
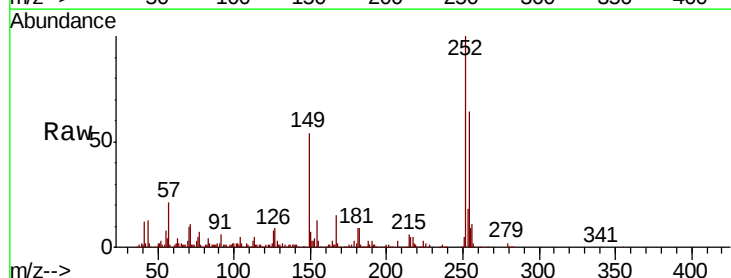
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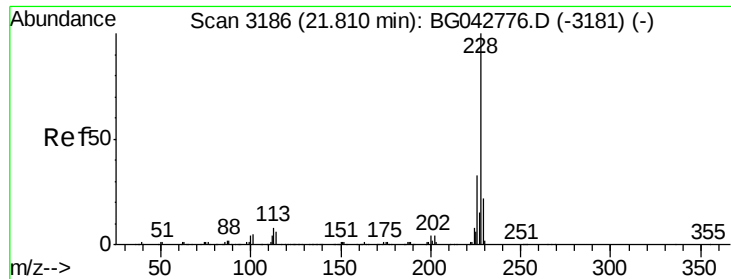
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#82
3,3'-Dichlorobenzidine
Concen: 33.498 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.2	78.2
126	8.3	7.0	10.4





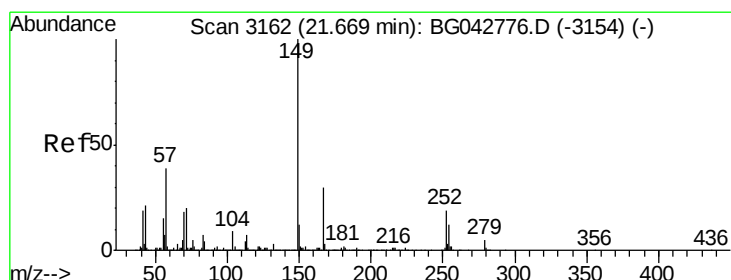
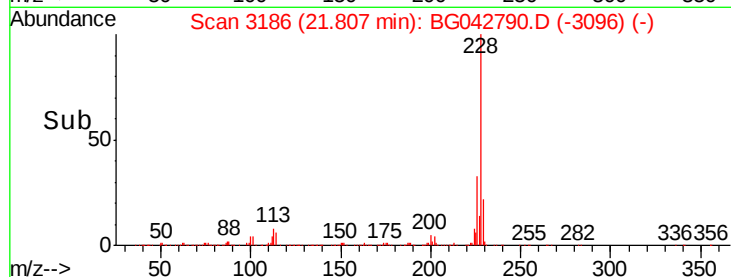
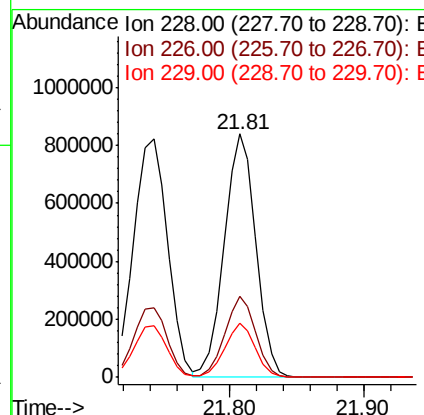
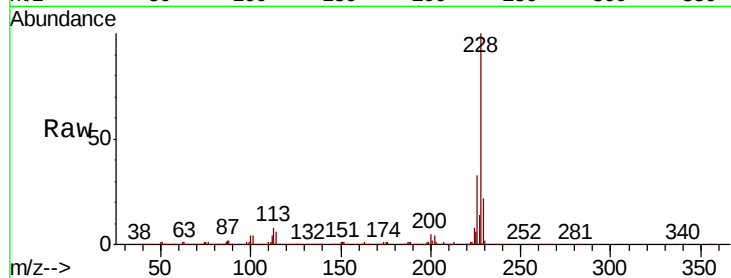
#83
Chrysene
Concen: 48.440 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.0	39.0
229	22.5	17.1	25.7

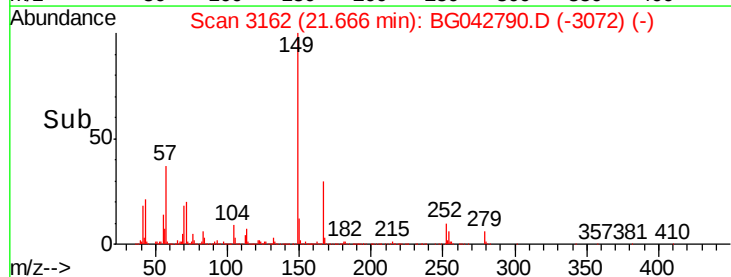
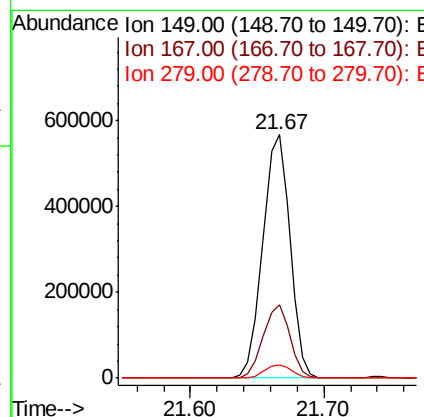
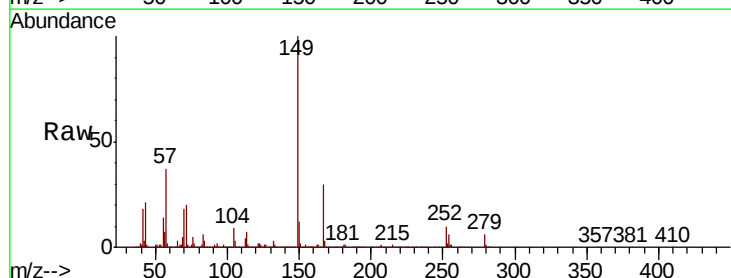
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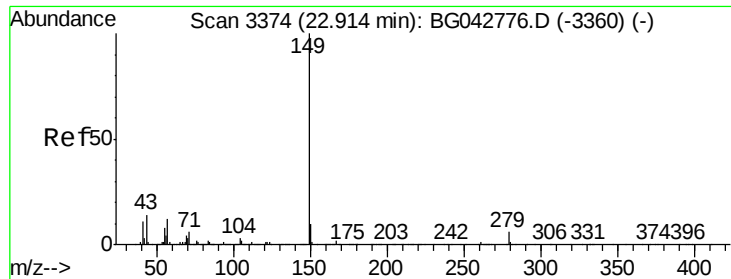
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.380 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.3	36.5
279	5.7	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 49.338 ng

RT: 22.91 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Instrument :

BNA_G

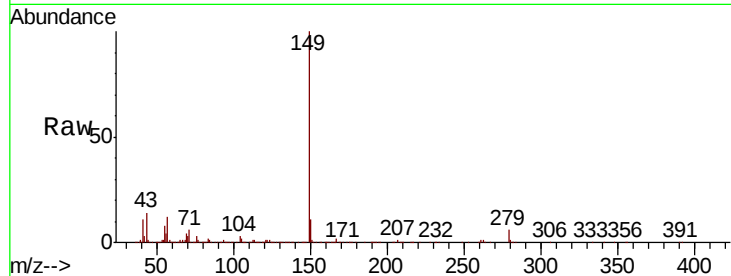
ClientSampleId :

GIS-4(0-4)MSD

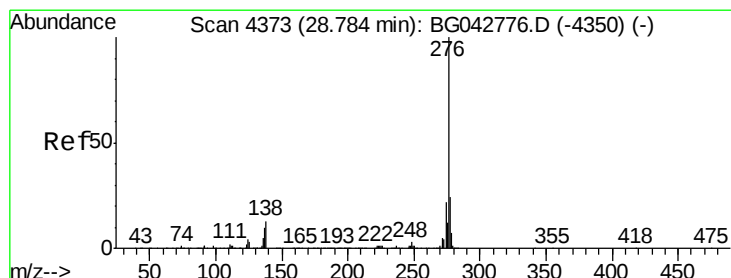
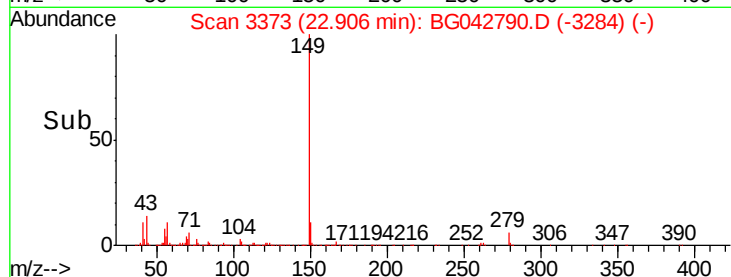
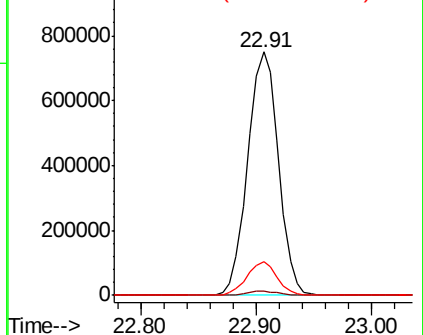
Tot Ion:	149	Resp:	1387644
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	13.2	10.6	15.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.761 ng

RT: 28.78 min Scan# 4372

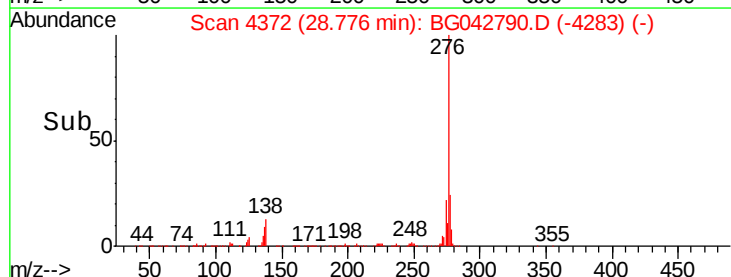
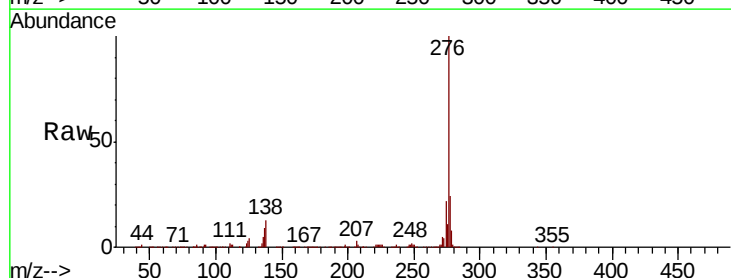
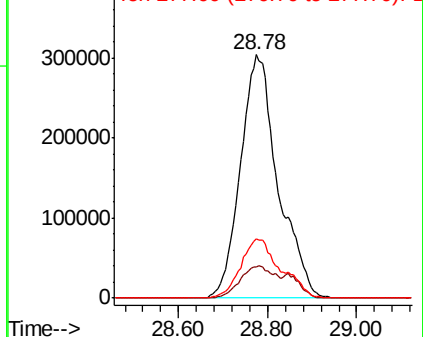
Delta R.T. -0.01 min

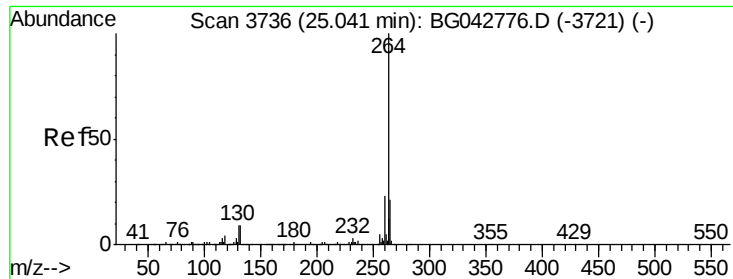
Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Tgt Ion:	276	Resp:	1768596
Ion Ratio	Lower	Upper	
276	100		
138	12.1	9.3	13.9
277	26.0	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: BG042790.D

Acq: 12 Sep 2019 20:13

Instrument :

BNA_G

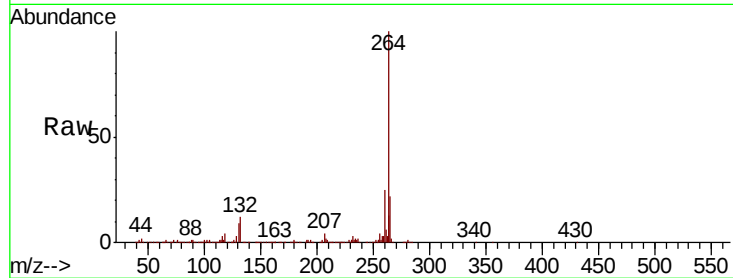
ClientSampleId :

GIS-4(0-4)MSD

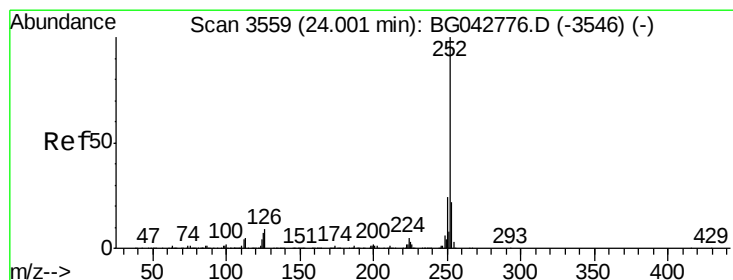
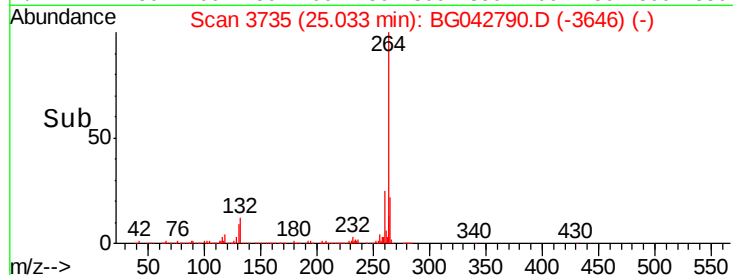
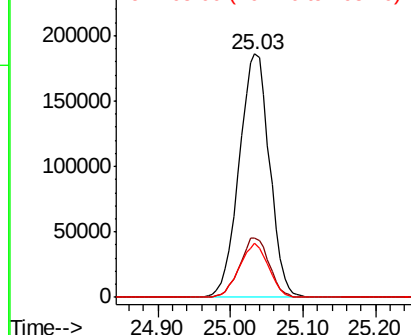
Tot Ion:	264	Resp:	539674
Ion Ratio		Lower	Upper
264	100		
260	24.5	18.2	27.2
265	22.3	16.9	25.3

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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: 49.318 ng

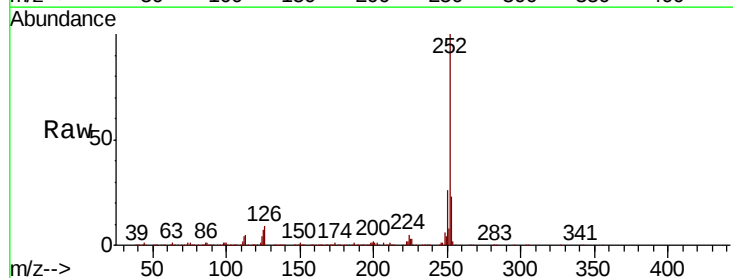
RT: 24.00 min Scan# 3559

Delta R.T. -0.00 min

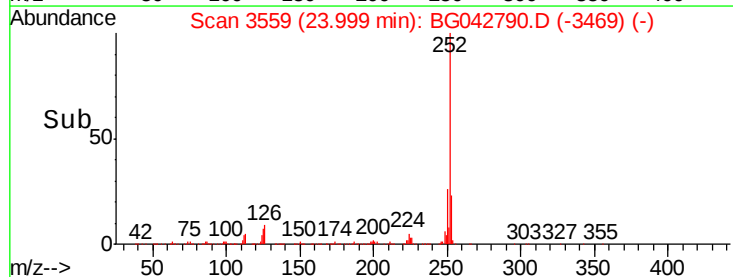
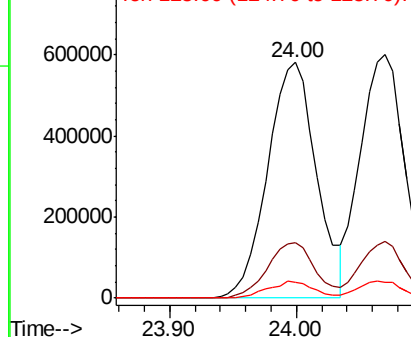
Lab File: BG042790.D

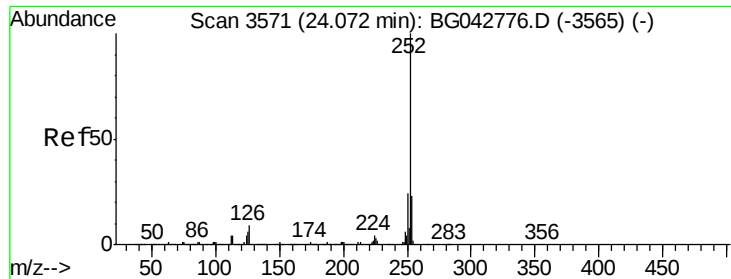
Acq: 12 Sep 2019 20:13

Tgt Ion:	252	Resp:	1562806
Ion Ratio		Lower	Upper
252	100		
253	23.3	17.9	26.9
125	6.8	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





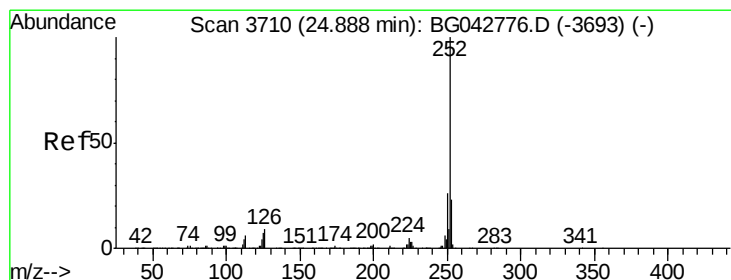
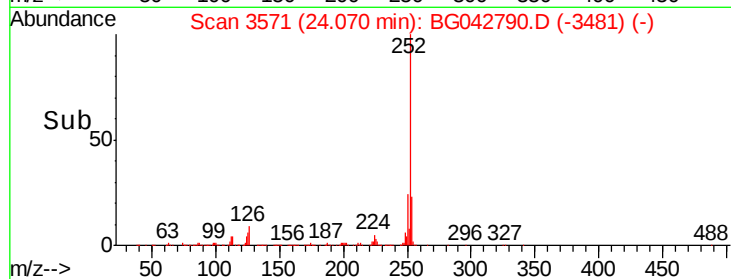
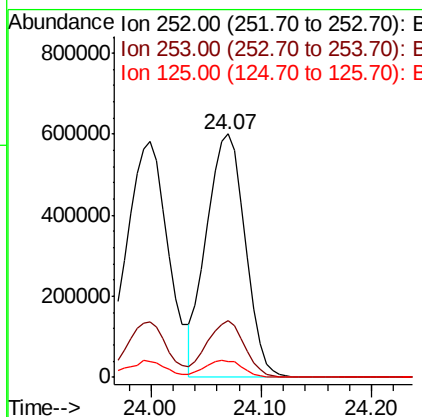
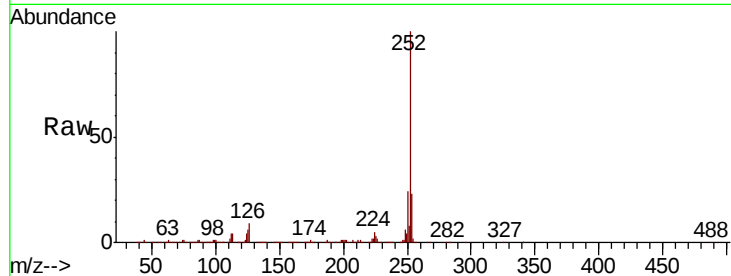
#89
Benzo(k)fluoranthene
Concen: 48.453 ng
RT: 24.07 min Scan# 3571
Delta R.T. -0.00 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	6.2	5.3	7.9

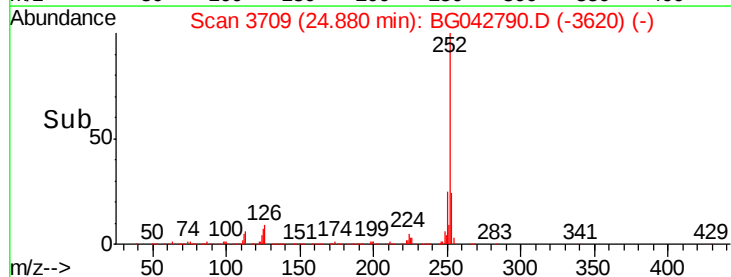
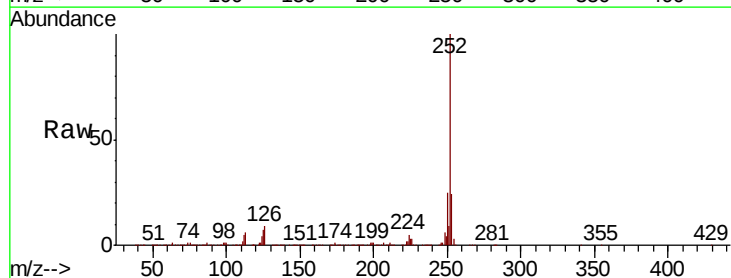
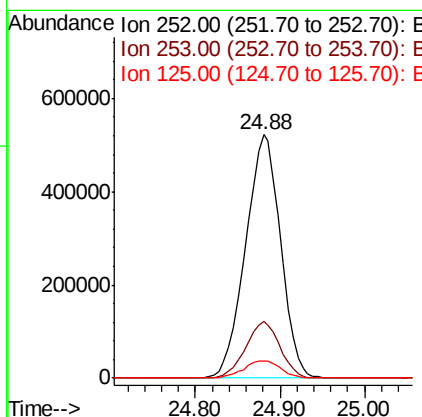
Manual Integrations
APPROVED

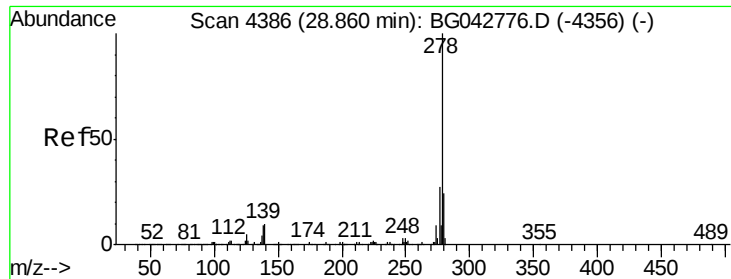
mohammad
9/16/2019 9:03:34 AM



#90
Benzo(a)pyrene
Concen: 50.676 ng
RT: 24.88 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG042790.D
Acq: 12 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	7.1	5.7	8.5





#91

Dibenzo(a,h)anthracene

Concen: 49.557 ng

RT: 28.85 min Scan# 4385

Delta R.T. -0.01 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

Instrument :

BNA_G

ClientSampleId :

GIS-4(0-4)MSD

Tot Ion:278 Resp: 1446248

Ion Ratio Lower Upper

278 100

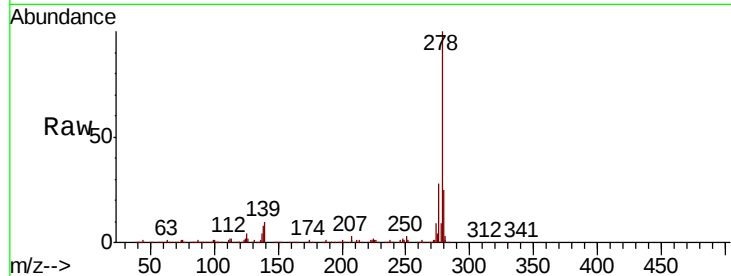
139 10.3 8.2 12.2

279 25.3 19.4 29.2

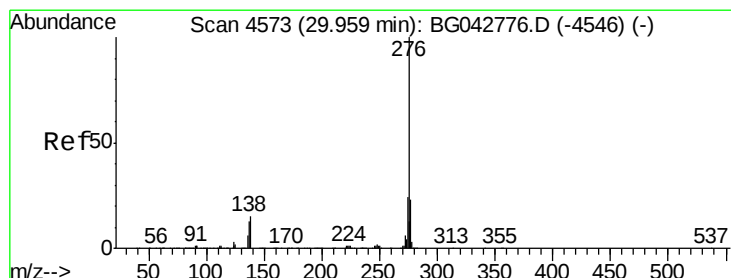
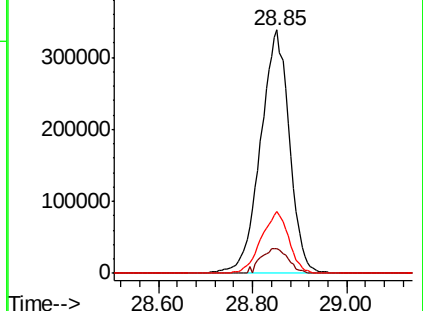
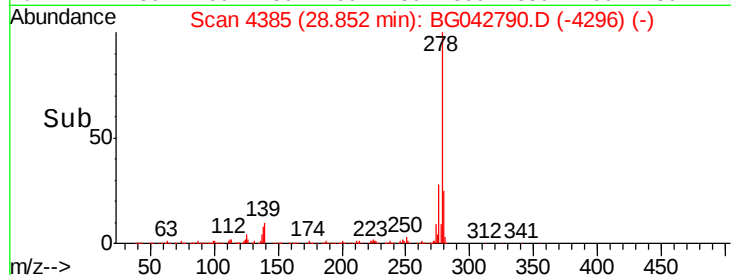
Manual Integrations
APPROVED

mohammad

9/16/2019 9:03:34 AM



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



#92

Benzo(g,h,i)perylene

Concen: 51.017 ng

RT: 29.95 min Scan# 4572

Delta R.T. -0.01 min

Lab File: BG042790.D

Acq: 12 Sep 2019 20:13

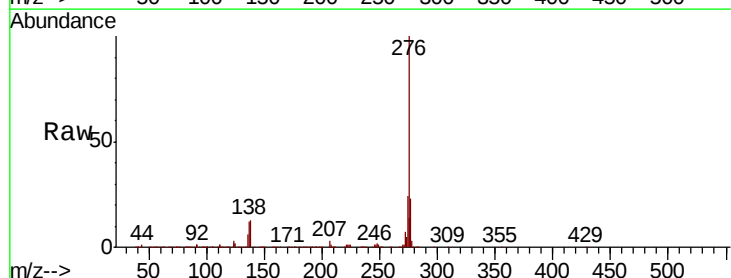
Tgt Ion:276 Resp: 1452249

Ion Ratio Lower Upper

276 100

277 23.5 18.4 27.6

138 13.3 11.8 17.8



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

