

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042607.D
 Acq On : 30 Aug 2019 19:21
 Operator : HP/JU
 Sample : K4409-17MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MS

Manual Integrations
 APPROVED

mohammad
 8/31/2019 2:42:47 PM

Quant Time: Aug 30 23:38:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	35787	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	137895	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	102979	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	245755	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	258733	20.00	ng	0.00
87) Perylene-d12	24.93	264	311456	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	254634	144.10	ng	0.00
7) Phenol-d6	7.17	99	337959	141.59	ng	0.00
23) Nitrobenzene-d5	9.16	82	189819	95.12	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	217973	148.92	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	572037	93.95	ng	0.00
79) Terphenyl-d14	20.02	244	1045051	87.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	26694	36.200	ng	98
3) Pyridine	3.82	79	73737	38.996	ng	97
4) n-Nitrosodimethylamine	3.73	42	32926	48.754	ng	95
6) Aniline	7.32	93	114049	35.825	ng	100
8) 2-Chlorophenol	7.57	128	109766	51.257	ng	100
9) Benzaldehyde	7.12	77	57544	48.156	ng	99
10) Phenol	7.20	94	144747	59.645	ng	95
11) bis(2-Chloroethyl)ether	7.41	93	86259	45.259	ng	99
12) 1,3-Dichlorobenzene	7.89	146	123773	45.434	ng	99
13) 1,4-Dichlorobenzene	8.04	146	126803	45.952	ng	98
14) 1,2-Dichlorobenzene	8.35	146	120656	45.658	ng	99
15) Benzyl Alcohol	8.24	79	83247	48.479	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	107161	41.483	ng	98
17) 2-Methylphenol	8.45	107	88156	49.319	ng	95
18) Hexachloroethane	9.09	117	41408	43.833	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	66902	43.265	ng	# 90
20) 3+4-Methylphenols	8.78	107	119386	48.268	ng	97
22) Acetophenone	8.82	105	153259	51.964	ng	97
24) Nitrobenzene	9.21	77	101024	49.995	ng	100
25) Isophorone	9.73	82	189210	48.046	ng	99
26) 2-Nitrophenol	9.93	139	67297	53.145	ng	96
27) 2,4-Dimethylphenol	9.99	122	103011	59.055	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	118934	47.917	ng	98
29) 2,4-Dichlorophenol	10.47	162	126446	55.405	ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	144832	51.703	ng	97
31) Naphthalene	10.87	128	324623	50.706	ng	99
32) Benzoic acid	10.16	122	45922	38.270	ng	97
33) 4-Chloroaniline	10.98	127	75925	25.690	ng	99
34) Hexachlorobutadiene	11.16	225	97100	51.577	ng	97
35) Caprolactam	11.77	113	36607m	48.071	ng	
36) 4-Chloro-3-methylphenol	12.11	107	113652	52.459	ng	96
37) 2-Methylnaphthalene	12.48	142	265763	51.699	ng	100
38) 1-Methylnaphthalene	12.70	142	250817	51.366	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	182339	55.137	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	167590	96.475	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	119538	53.477	nq	93
44) 2,4,5-Trichlorophenol	13.17	196	128462	55.457	nq	97
46) 1,1'-Biphenyl	13.49	154	350241	52.615	nq	98
47) 2-Chloronaphthalene	13.53	162	291270	50.746	nq	98
48) 2-Nitroaniline	13.73	65	64312	46.465	nq	96
49) Acenaphthylene	14.38	152	454963	52.686	nq	99
50) Dimethylphthalate	14.11	163	417372	56.172	nq	99
51) 2,6-Dinitrotoluene	14.23	165	89186	51.784	nq	98
52) Acenaphthene	14.72	154	265807	50.693	nq	99
53) 3-Nitroaniline	14.56	138	57435	33.345	nq	97
54) 2,4-Dinitrophenol	14.78	184	85395	74.059	nq	95
55) Dibenzofuran	15.06	168	463452	53.396	nq	98
56) 4-Nitrophenol	14.89	139	129608	105.895	nq	96
57) 2,4-Dinitrotoluene	15.02	165	127159	51.559	nq	97
58) Fluorene	15.71	166	374070	52.723	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	127090m	55.479	nq	
60) Diethylphthalate	15.47	149	362533	49.911	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	221135	51.704	nq	98
62) 4-Nitroaniline	15.73	138	89058	48.310	nq	94
63) Azobenzene	15.99	77	244509	49.126	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	75750	49.163	nq	99
66) n-Nitrosodiphenylamine	15.91	169	347086	51.356	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	160024	51.335	nq	98
68) Hexachlorobenzene	16.72	284	169115	49.906	nq	98
69) Atrazine	16.86	200	132391	55.394	nq	99
70) Pentachlorophenol	17.07	266	198819	112.920	nq	99
71) Phenanthrene	17.45	178	642443	52.629	nq	99
72) Anthracene	17.54	178	659176	54.092	nq	99
73) Carbazole	17.81	167	572568	52.718	nq	100
74) Di-n-butylphthalate	18.37	149	657788	51.235	nq	100
75) Fluoranthene	19.46	202	834363	56.006	nq	98
77) Benzidine	19.64	184	348052	46.920	nq	99
78) Pyrene	19.83	202	833724	52.558	nq	99
80) Butylbenzylphthalate	20.70	149	305099	48.900	nq	99
81) Benzo(a)anthracene	21.67	228	834949	53.049	nq	97
82) 3,3'-Dichlorobenzidine	21.58	252	283044	44.714	nq	100
83) Chrysene	21.74	228	796845	52.496	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	433451	50.036	nq	99
85) Di-n-octyl phthalate	22.78	149	754497	50.640	nq	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1074419	52.086	nq	# 96
88) Benzo(b)fluoranthene	23.91	252	918893	53.665	nq	99
89) Benzo(k)fluoranthene	23.97	252	887019	53.894	nq	99
90) Benzo(a)pyrene	24.78	252	903620	55.614	nq	99
91) Dibenzo(a,h)anthracene	28.70	278	881466	53.581	nq	97
92) Benzo(g,h,i)perylene	29.80	276	901437	54.786	nq	97

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

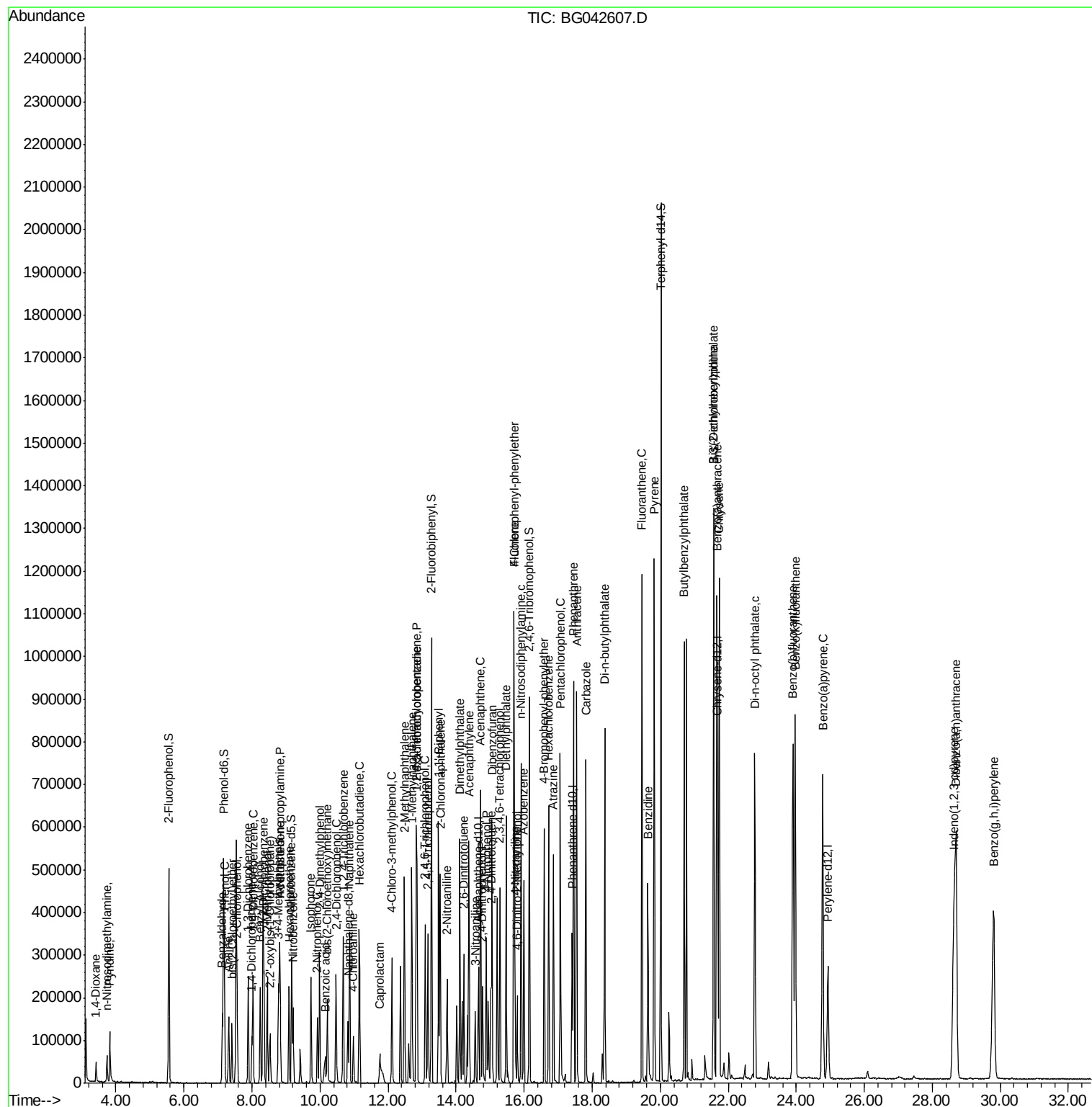
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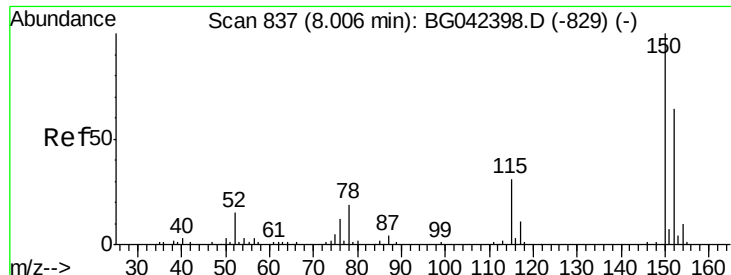
Instrument :
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#1

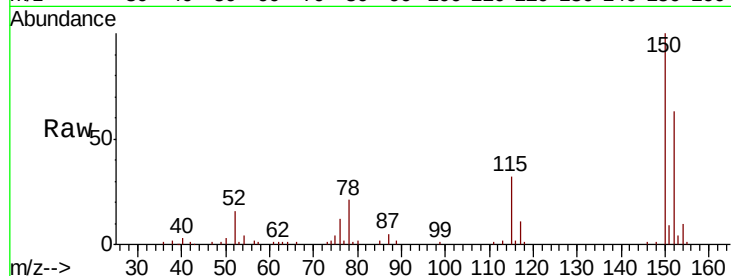
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

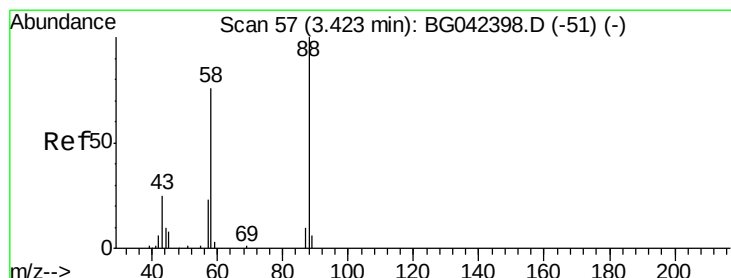
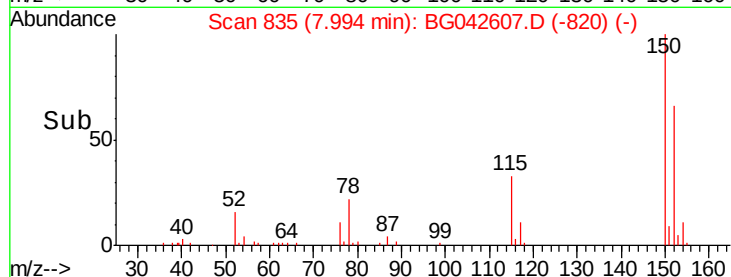
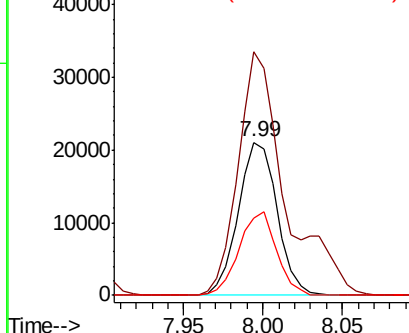
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	125.4	188.0
115	50.2	38.5	57.7

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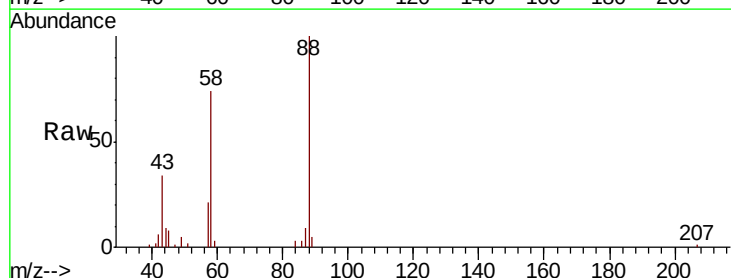
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



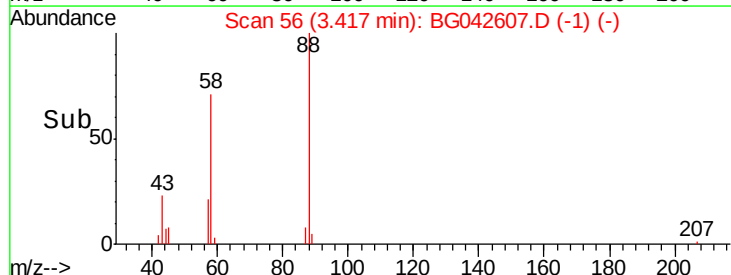
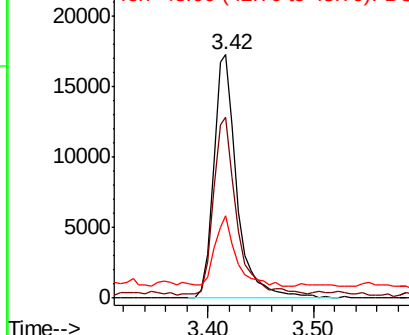
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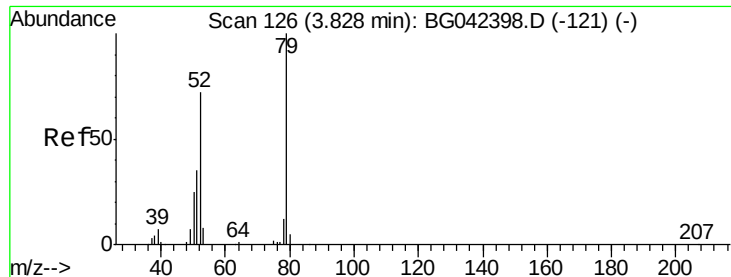
1,4-Dioxane
Concen: 36.200 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	58.3	87.5
43	25.8	20.2	30.2



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: 38.996 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

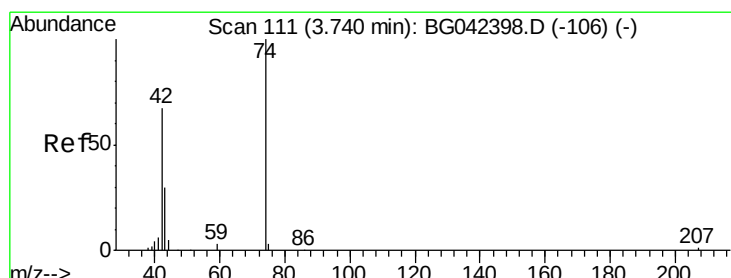
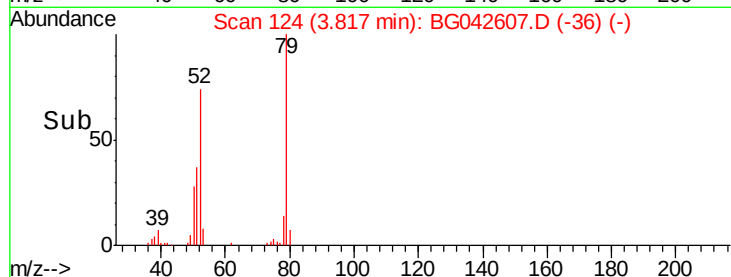
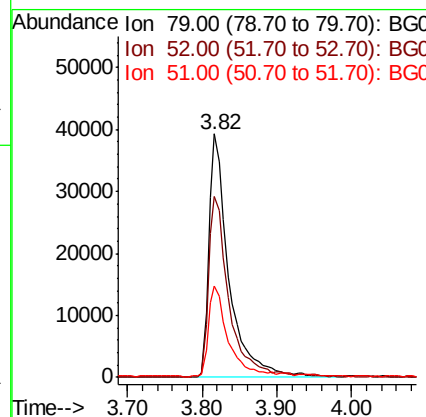
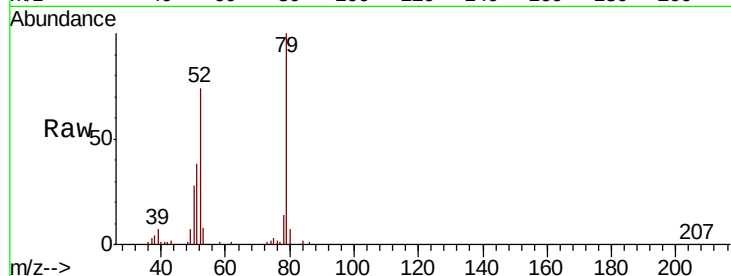
ClientSampleId :

S301-S-7.0-7.5-081919MS

Tot Ion:	79	Resp:	73737
Ion	Ratio	Lower	Upper
79	100		
52	74.4	57.7	86.5
51	37.5	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 48.754 ng

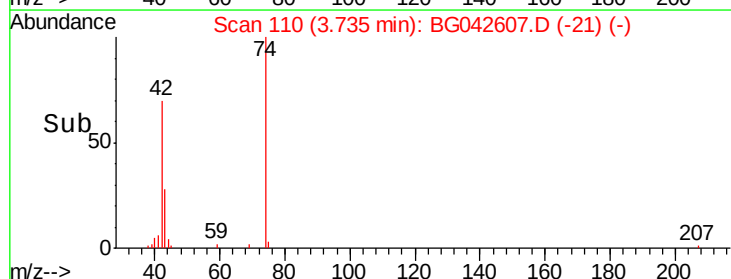
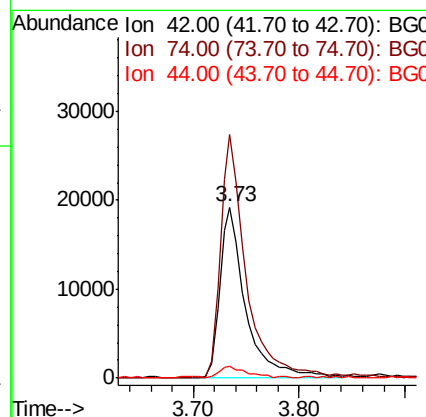
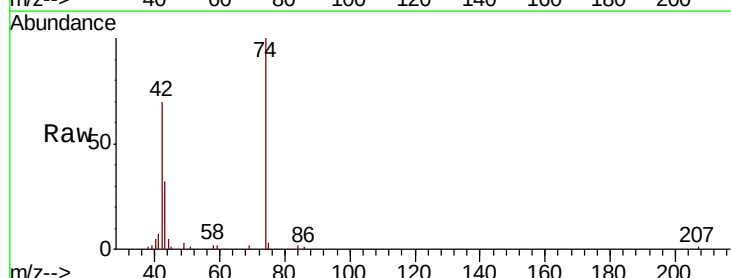
RT: 3.73 min Scan# 110

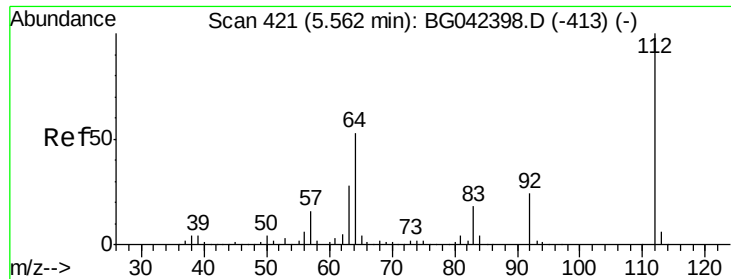
Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Tgt Ion:	42	Resp:	32926
Ion	Ratio	Lower	Upper
42	100		
74	142.4	119.6	179.4
44	7.0	6.5	9.7





#5

2-Fluorophenol

Concen: 144.105 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

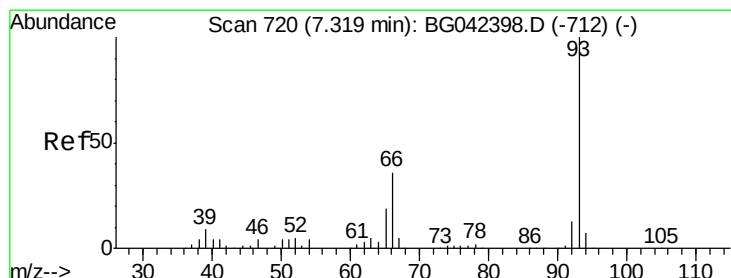
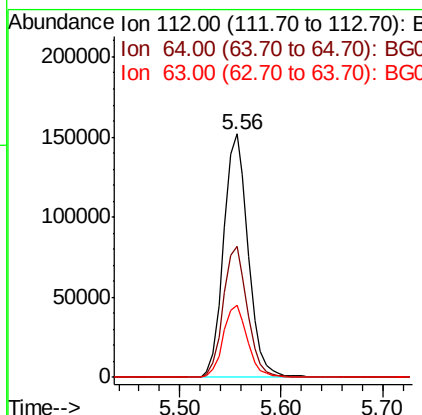
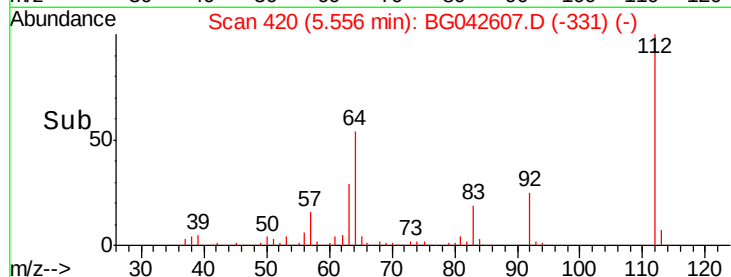
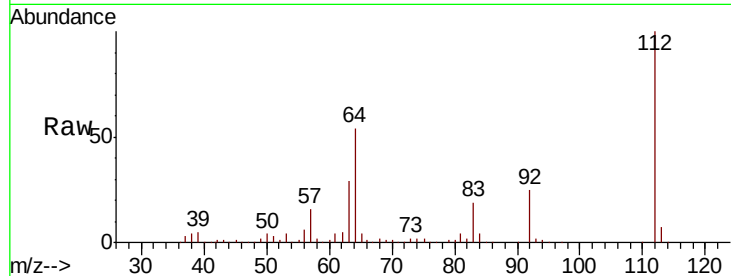
ClientSampleId :

S301-S-7.0-7.5-081919MS

Tot Ion:	112	Resp:	254634
Ion Ratio	Lower	Upper	
112	100		
64	53.6	42.8	64.2
63	29.4	22.7	34.1

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#6

Aniline

Concen: 35.825 ng

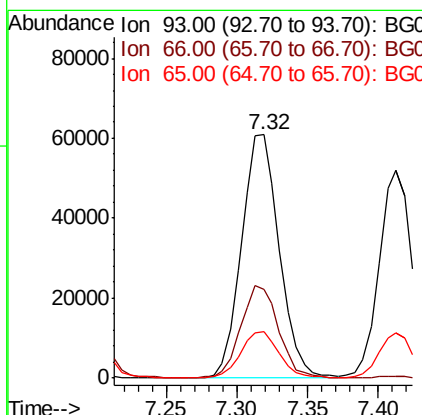
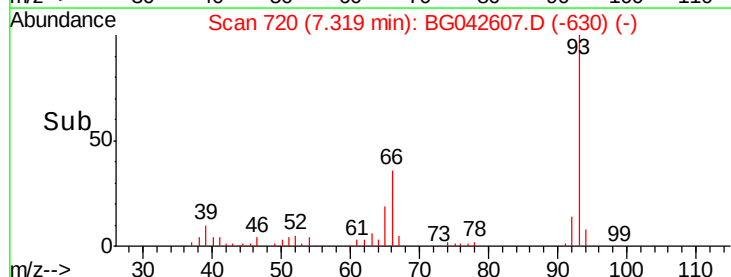
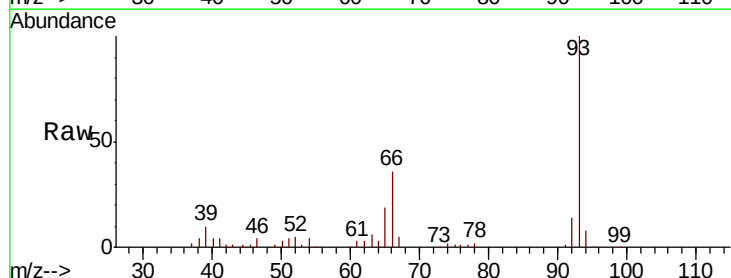
RT: 7.32 min Scan# 720

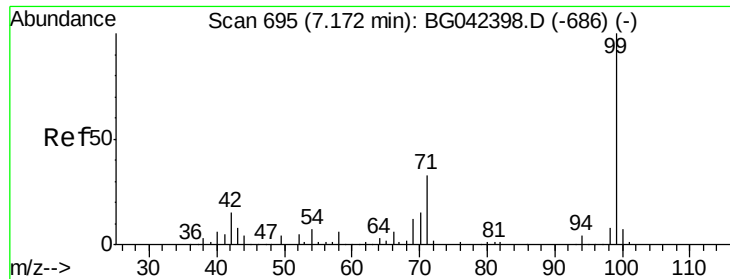
Delta R.T. 0.00 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Tgt Ion:	93	Resp:	114049
Ion Ratio	Lower	Upper	
93	100		
66	36.3	29.0	43.6
65	18.8	15.2	22.8





#7

Phenol-d6

Concen: 141.594 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042607.D

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BNA_G

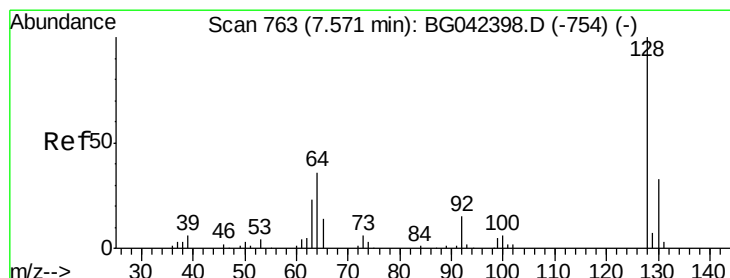
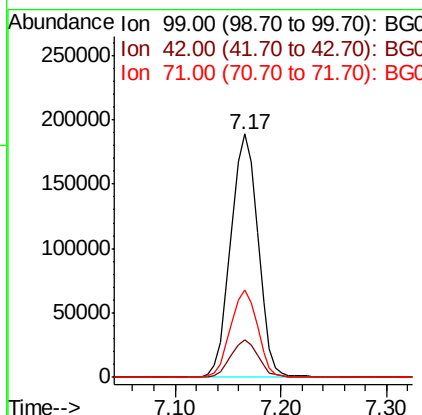
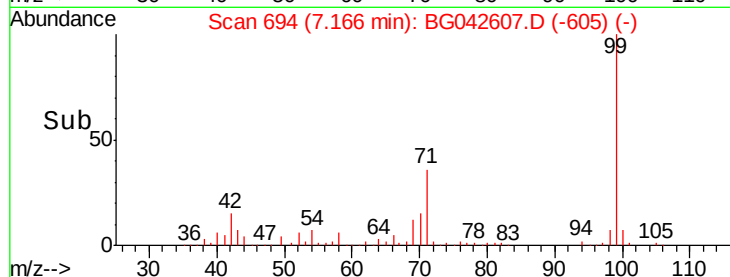
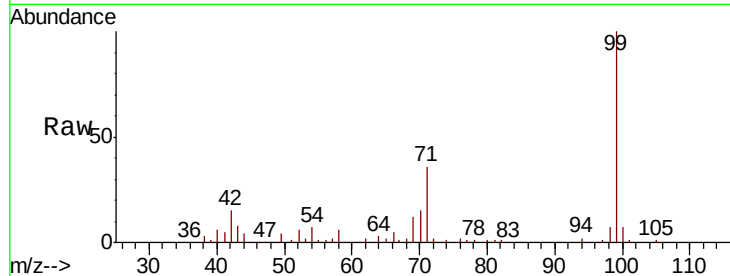
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S301-S-7.0-7.5-081919MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		337959		
42	15.3	12.0	18.0		
71	35.9	26.3	39.5		

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#8

2-Chlorophenol

Concen: 51.257 ng

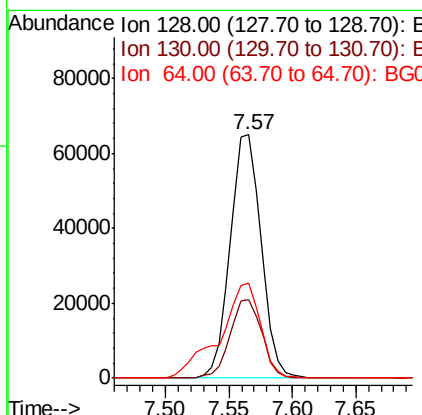
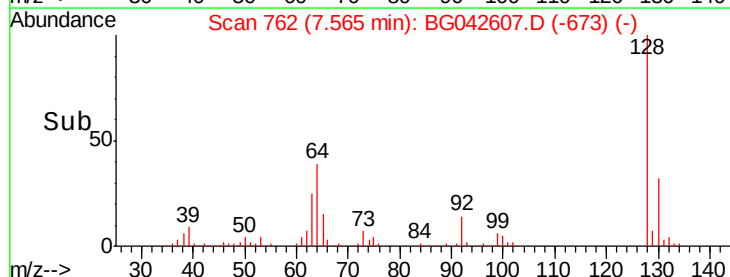
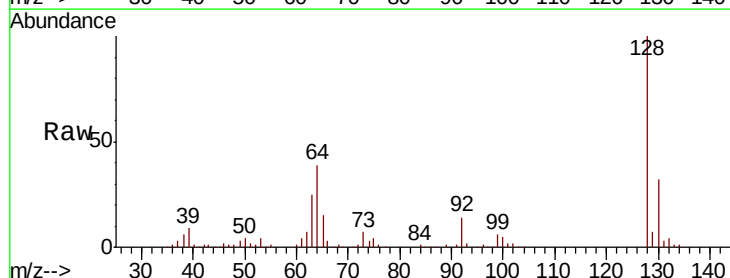
RT: 7.57 min Scan# 762

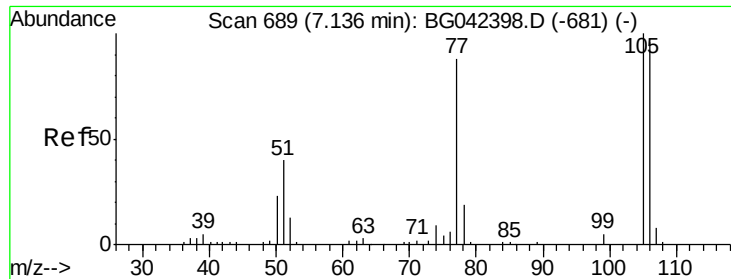
Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		109766		
130	32.5	12.8	52.8		
64	38.9	19.2	59.2		





#9

Benzaldehyde

Concen: 48.156 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

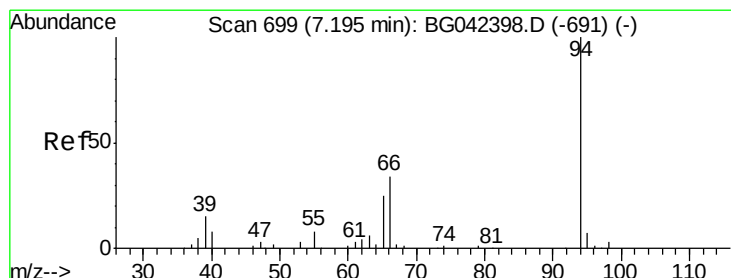
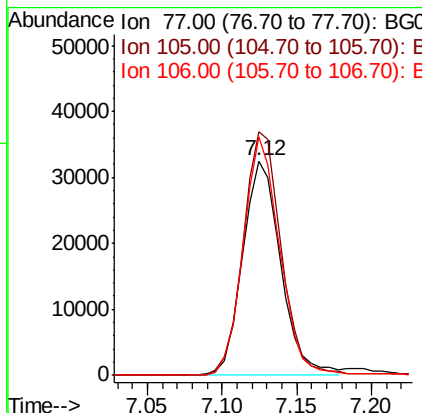
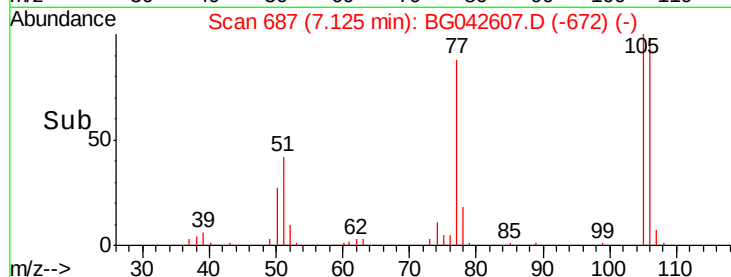
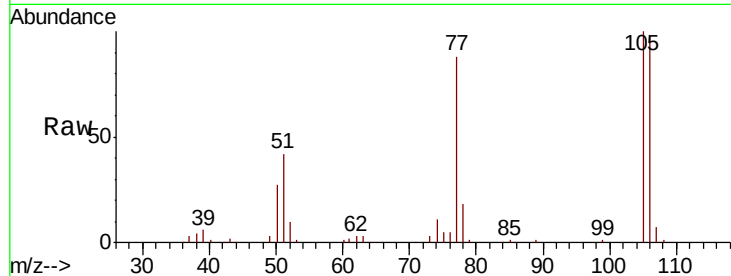
ClientSampleId :

S301-S-7.0-7.5-081919MS

Tot Ion:	77	Resp:	57544
Ion	Ratio	Lower	Upper
77	100		
105	113.4	93.4	133.4
106	111.3	88.4	128.4

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#10

Phenol

Concen: 59.645 ng

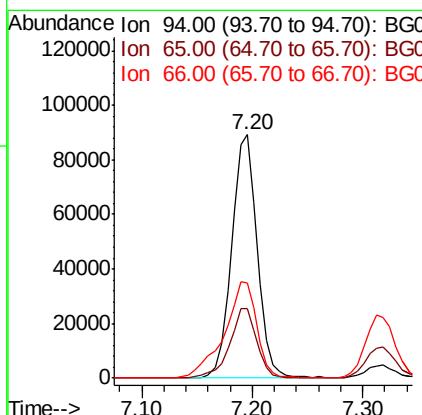
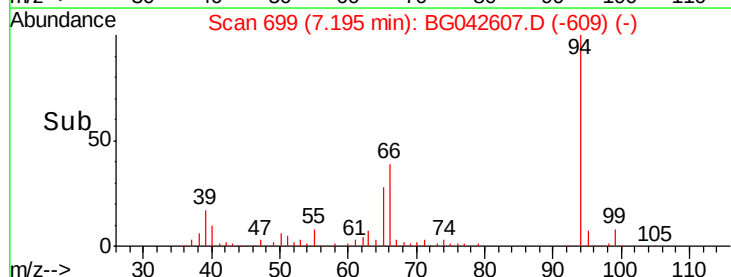
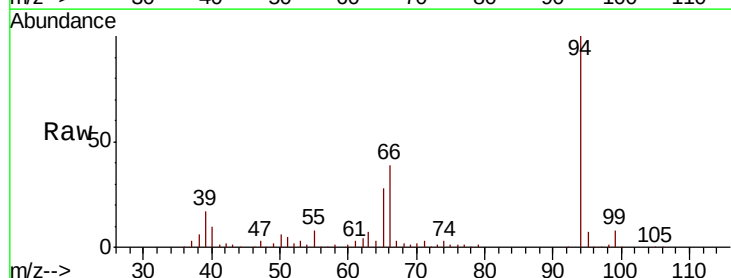
RT: 7.20 min Scan# 699

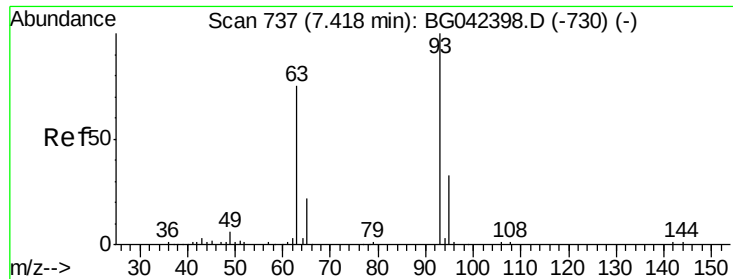
Delta R.T. 0.00 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Tgt Ion:	94	Resp:	144747
Ion	Ratio	Lower	Upper
94	100		
65	28.4	5.6	45.6
66	38.9	16.0	56.0





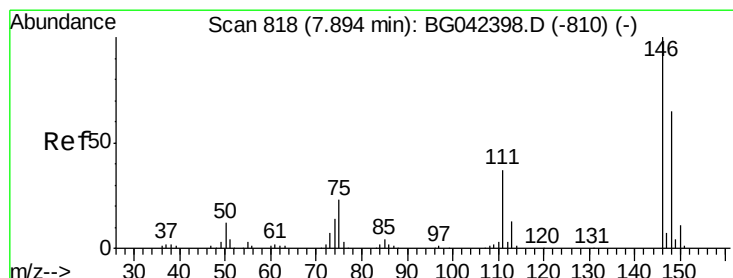
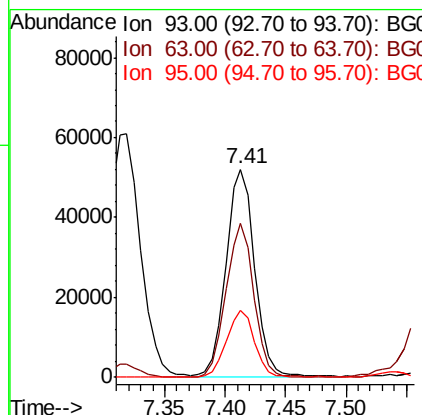
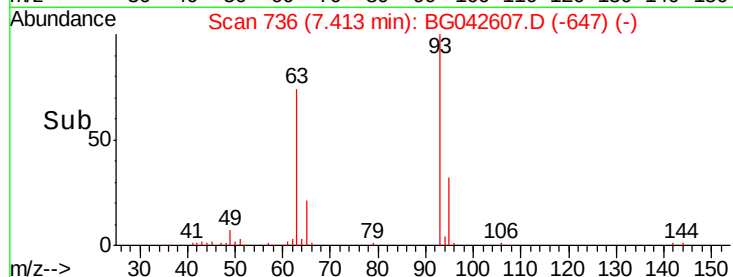
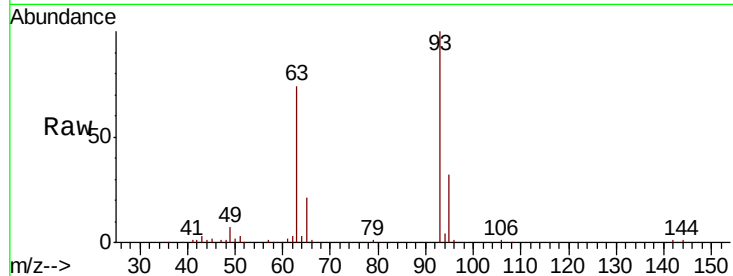
#11
bis(2-Chloroethyl)ether
Concen: 45.259 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion:	93	Resp:	86259
Ion	Ratio	Lower	Upper
93	100		
63	73.9	53.8	93.8
95	32.1	13.1	53.1

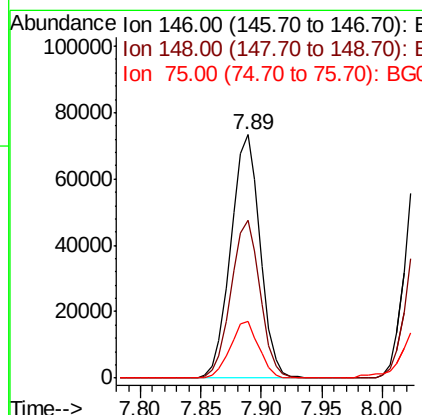
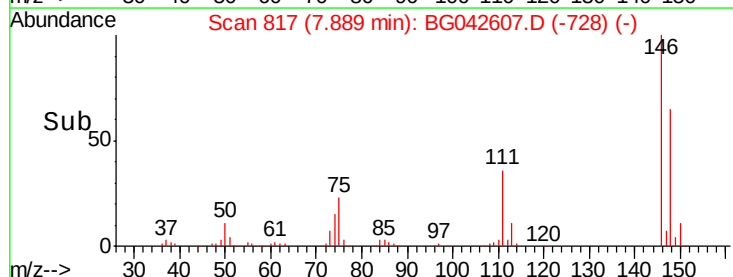
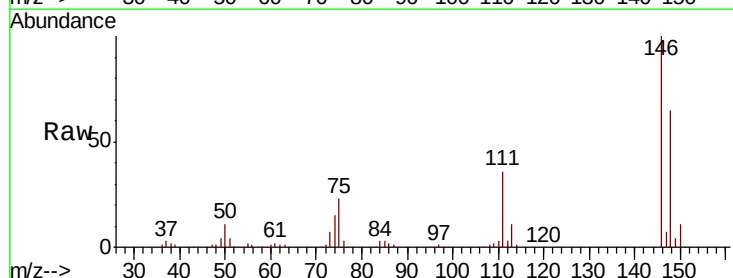
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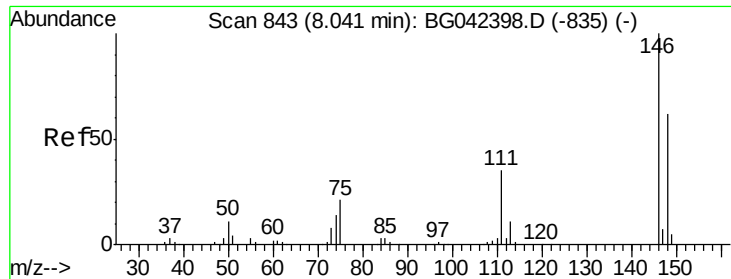
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#12
1,3-Dichlorobenzene
Concen: 45.434 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion:	146	Resp:	123773
Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
75	23.3	18.0	27.0





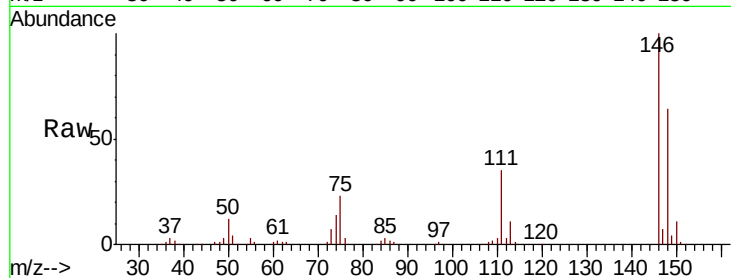
#13
 1,4-Dichlorobenzene
 Concen: 45.952 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.5	74.3
111	34.8	28.1	42.1

Manual Integrations
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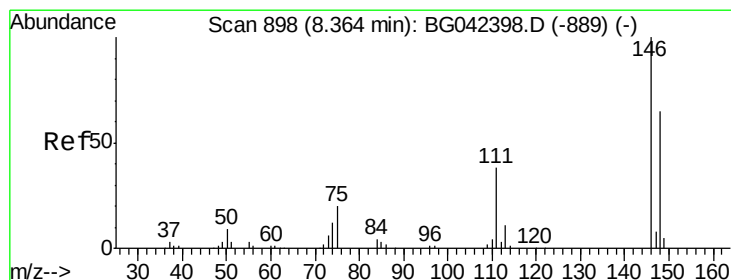
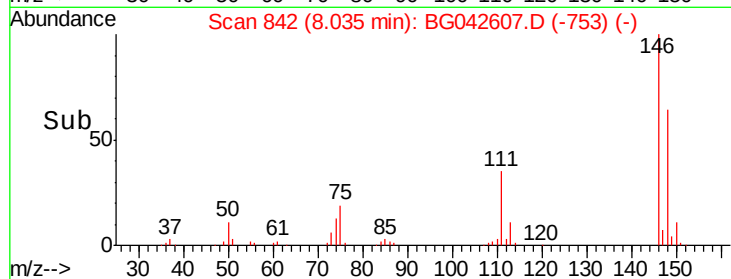
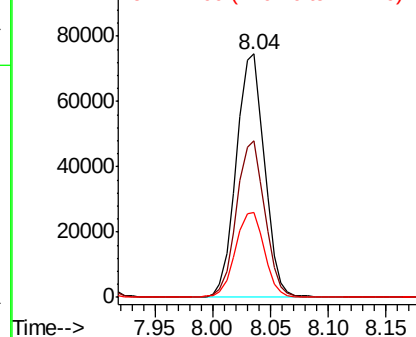


Abundance

Ion 146.00 (145.70 to 146.70): E

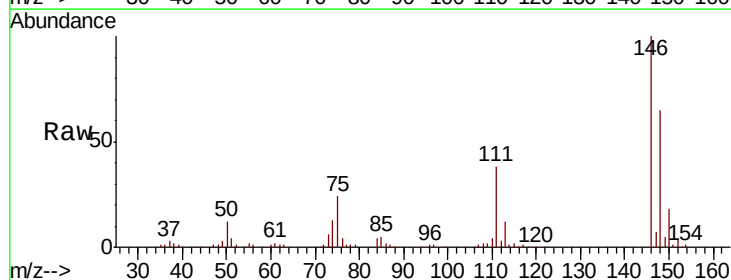
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 45.658 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
111	37.6	30.9	46.3

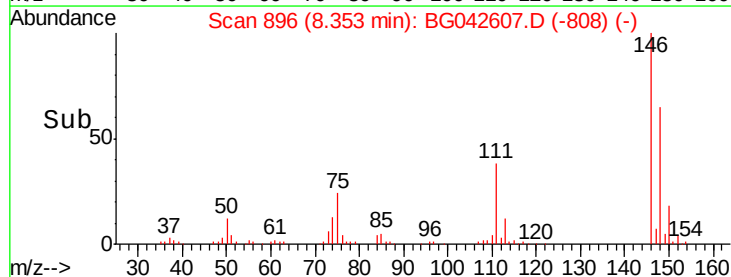
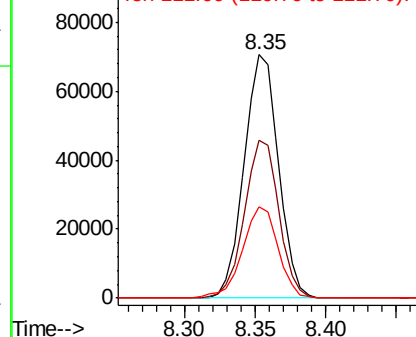


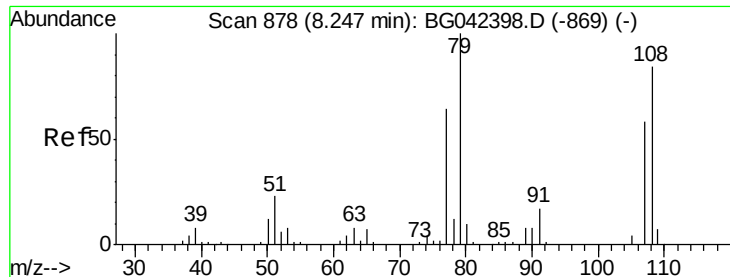
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





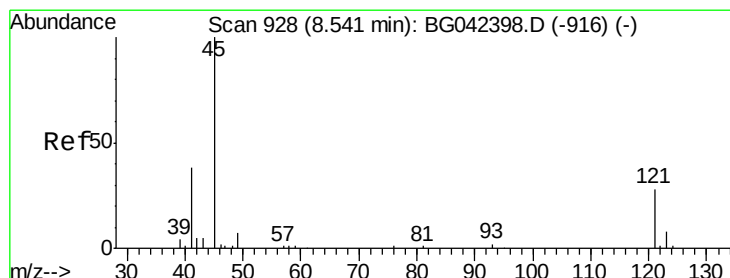
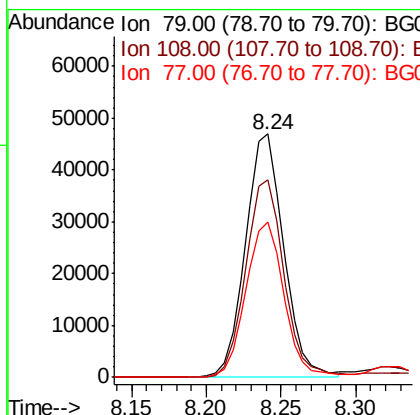
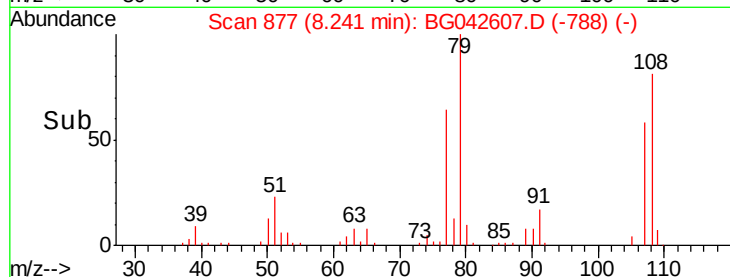
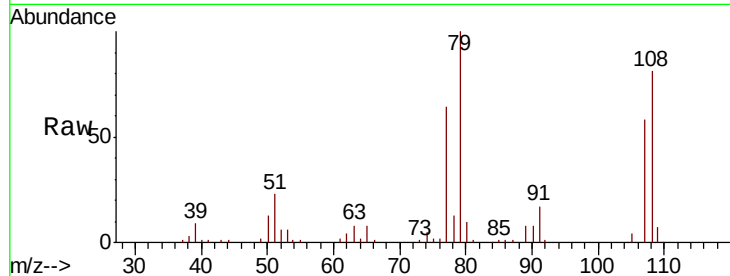
#15
Benzyl Alcohol
Concen: 48.479 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.2	67.4	101.2
77	63.5	50.8	76.2

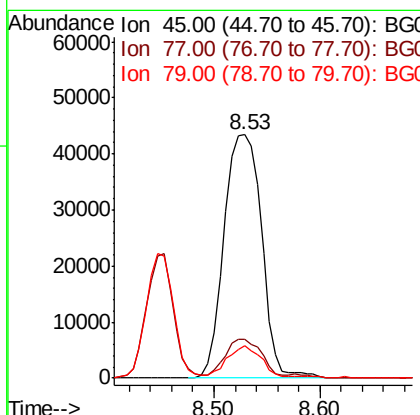
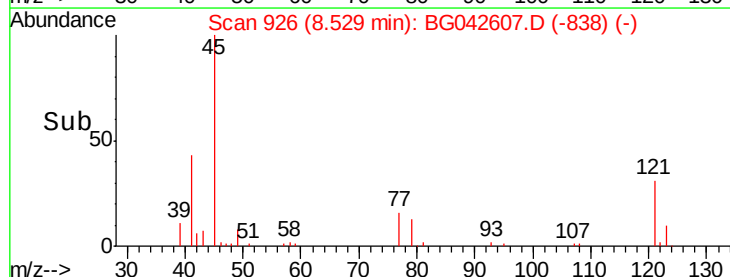
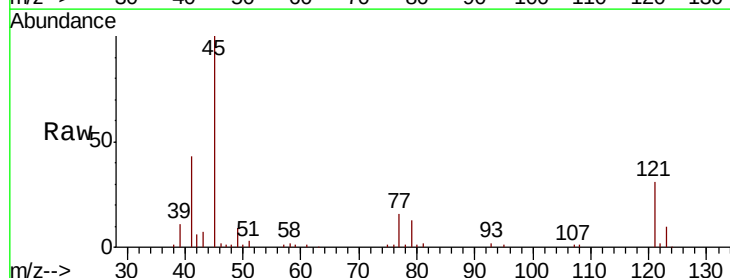
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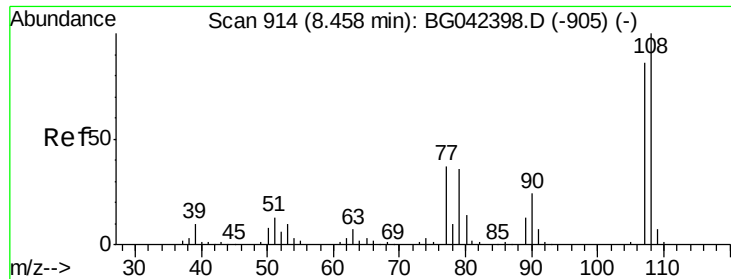
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8/31/2019 2:42:47 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.483 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	35.6
79	13.1	0.0	31.6





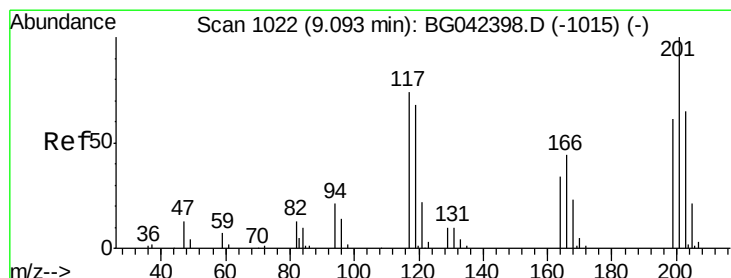
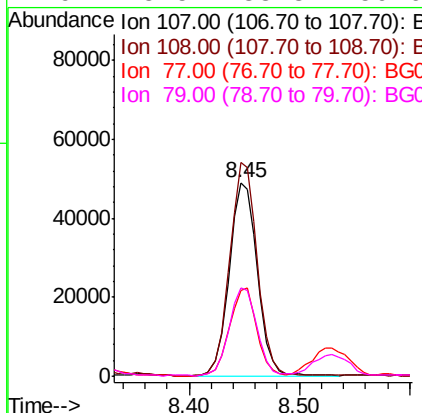
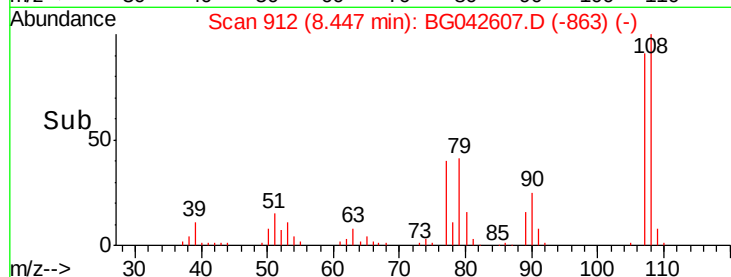
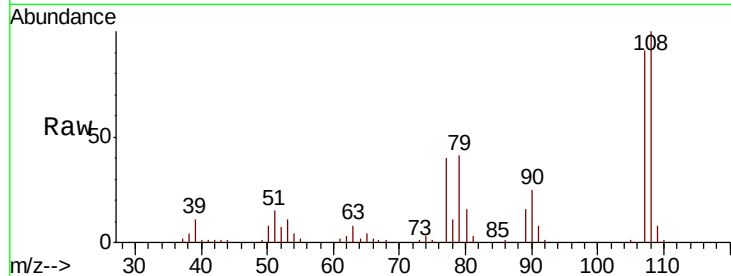
#17
2-Methylphenol
Concen: 49.319 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	92.9	139.3	
77	44.2	34.4	51.6	
79	45.5	33.8	50.6	

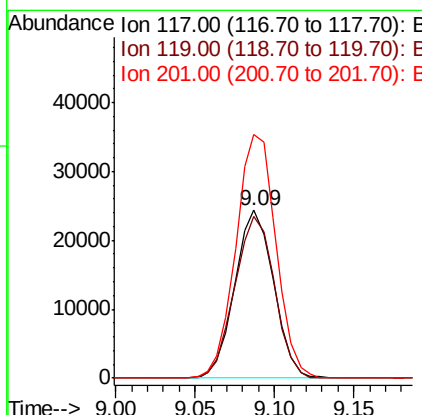
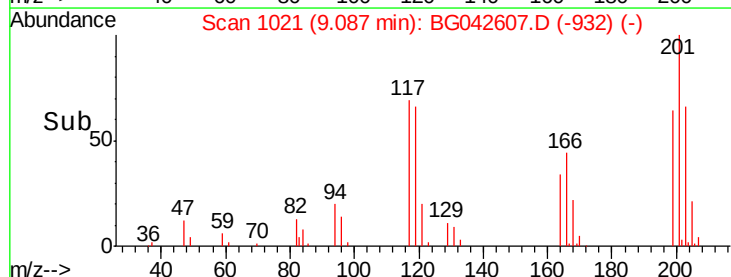
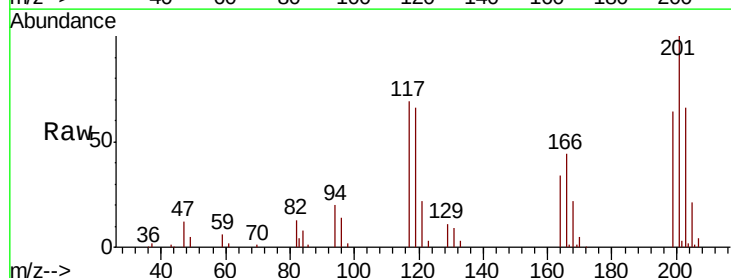
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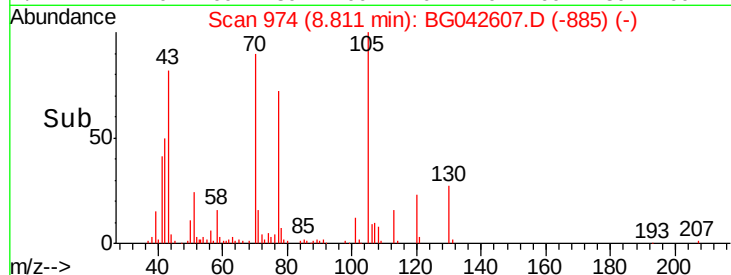
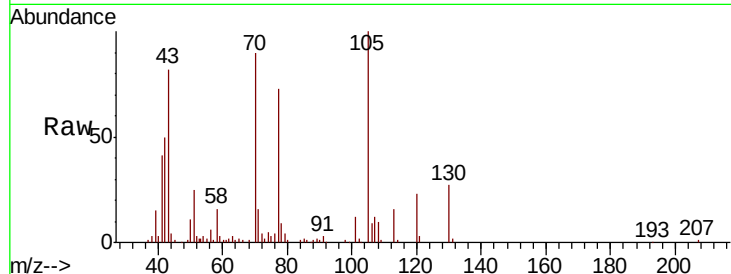
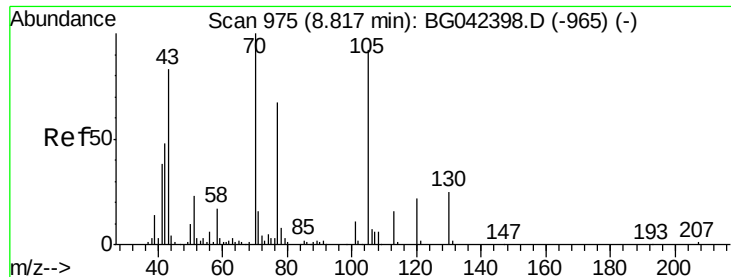
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#18
Hexachloroethane
Concen: 43.833 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	73.8	110.8	
201	144.9	108.3	162.5	





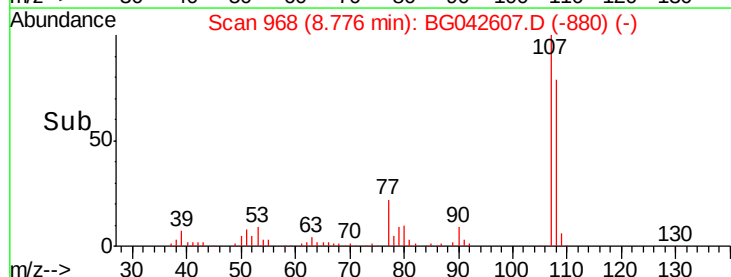
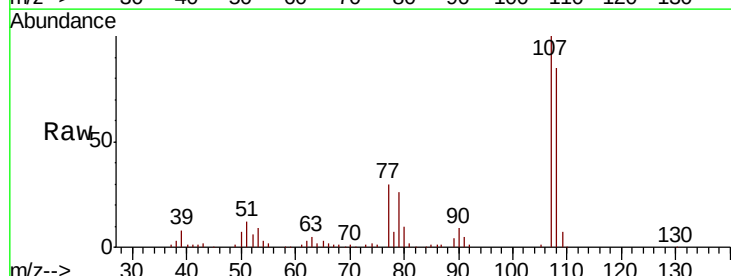
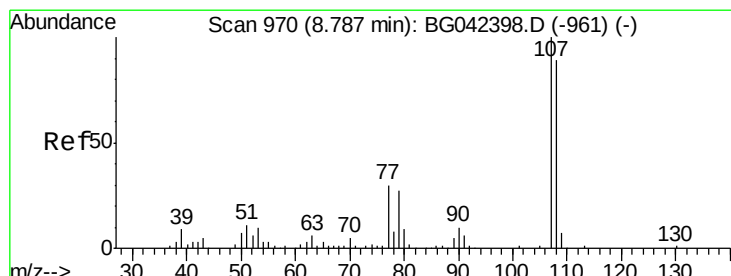
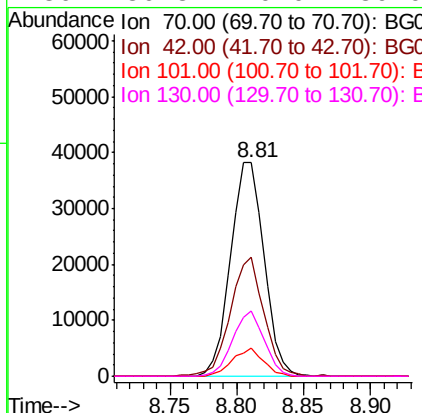
#19
n-Nitroso-di-n-propylamine
Concen: 43.265 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.7	38.8	58.2
101	13.5	9.0	13.6
130	30.3	20.0	30.0#

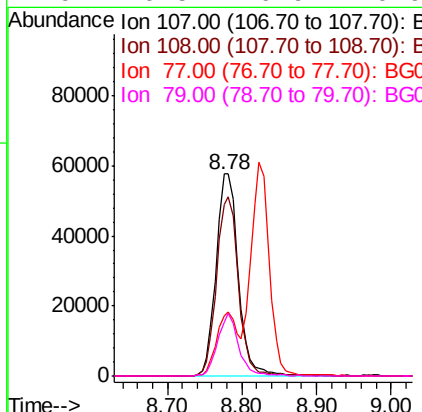
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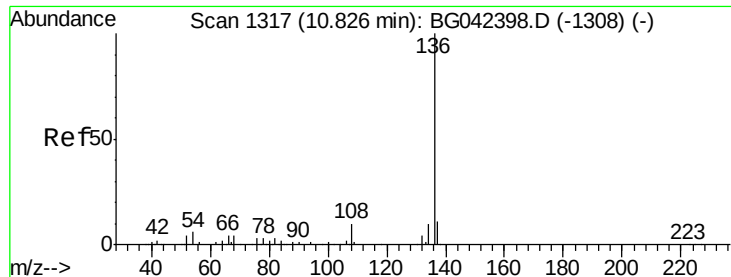
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#20
3+4-Methylphenols
Concen: 48.268 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.8	68.7	108.7
77	30.0	10.2	50.2
79	26.5	6.9	46.9





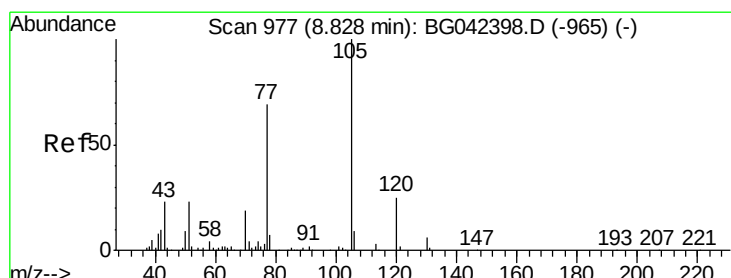
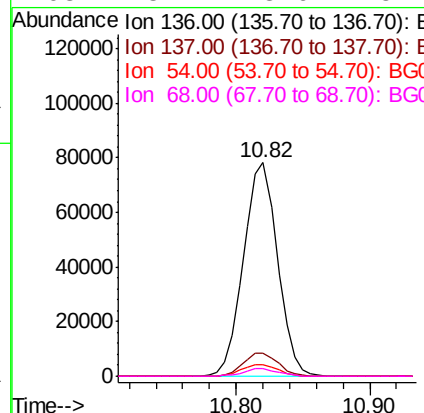
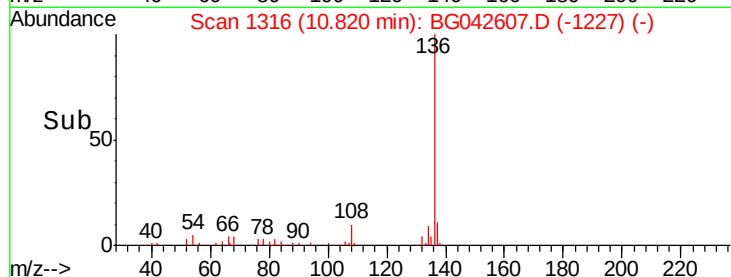
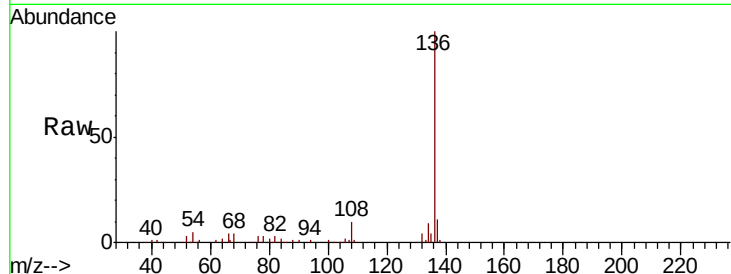
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.7	13.1	
54	5.4	4.9	7.3	
68	3.7	3.6	5.4	

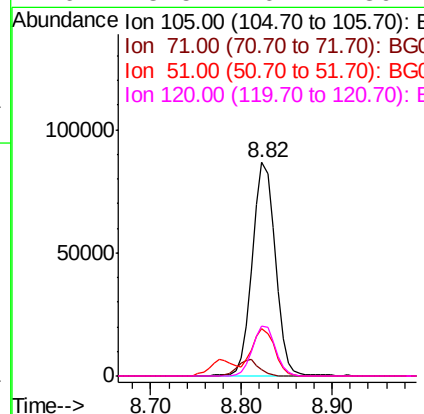
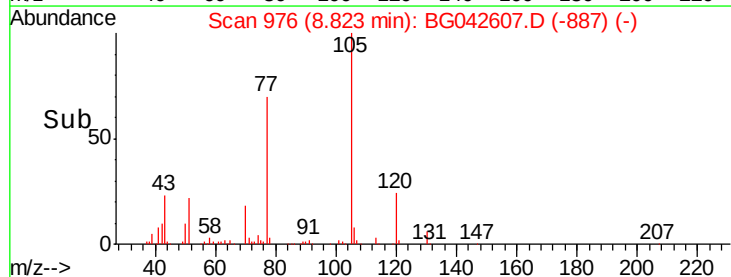
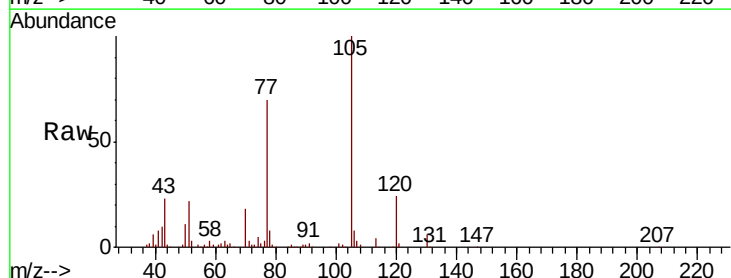
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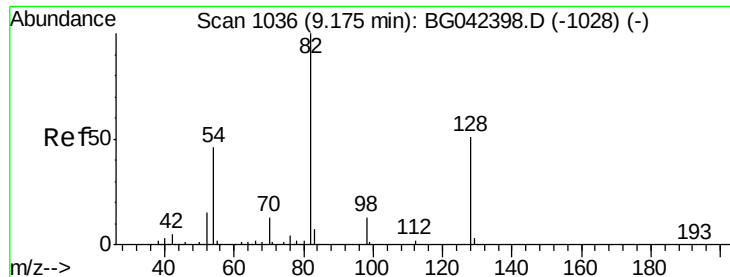
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#22
Acetophenone
Concen: 51.964 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.2	2.8	4.2	
51	22.2	18.7	28.1	
120	23.5	20.1	30.1	





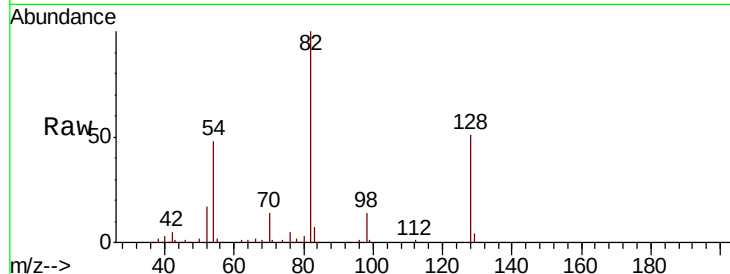
#23
 Nitrobenzene-d5
 Concen: 95.125 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	189819		
128	50.5	40.7	61.1	
54	48.0	36.3	54.5	

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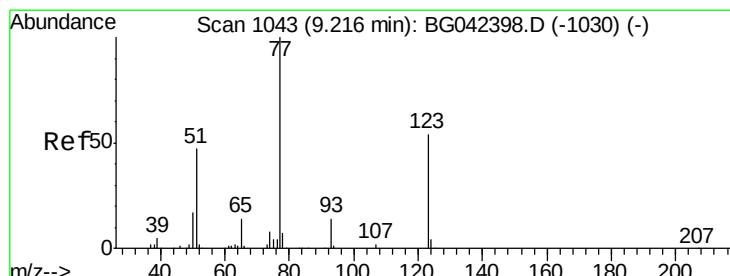
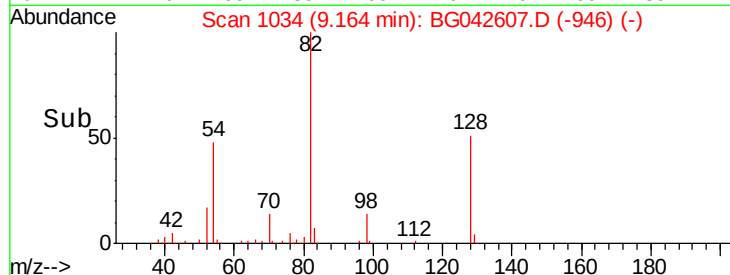
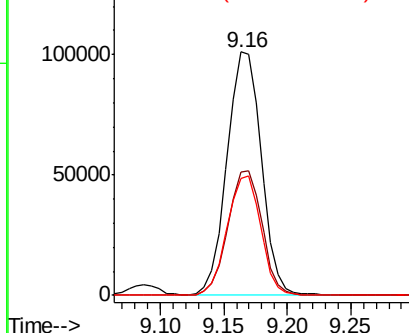


Abundance

Ion 82.00 (81.70 to 82.70): BGC

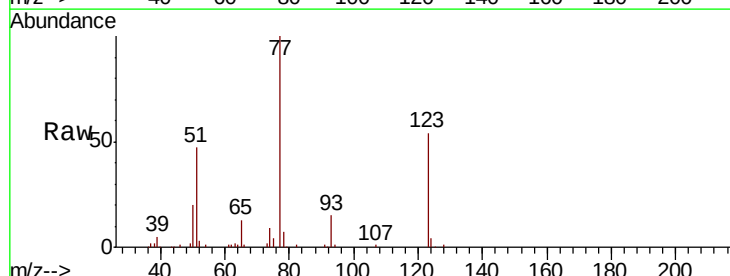
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 49.995 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	101024		
123	54.3	43.4	65.0	
65	13.1	11.0	16.6	

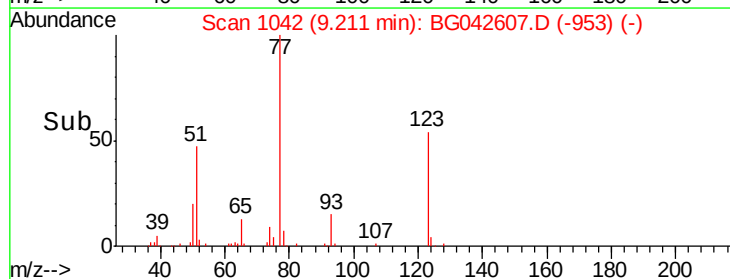
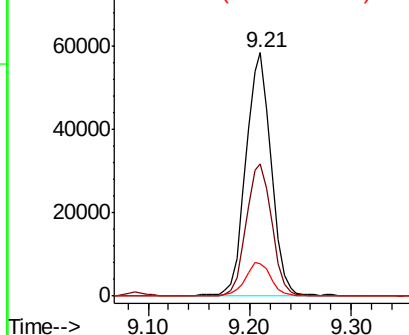


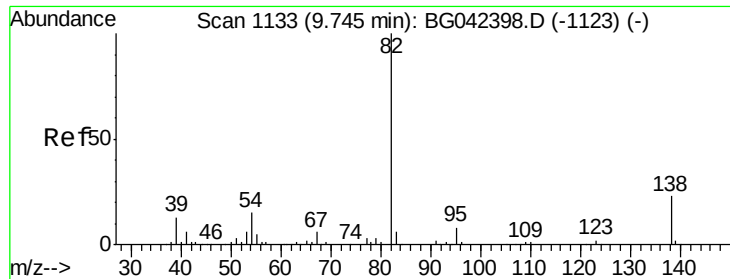
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





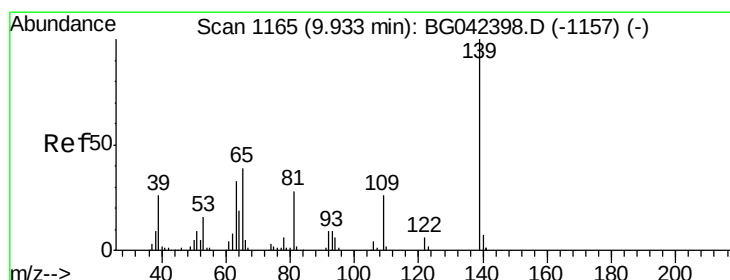
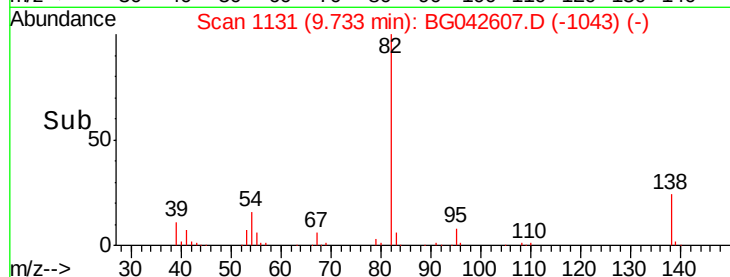
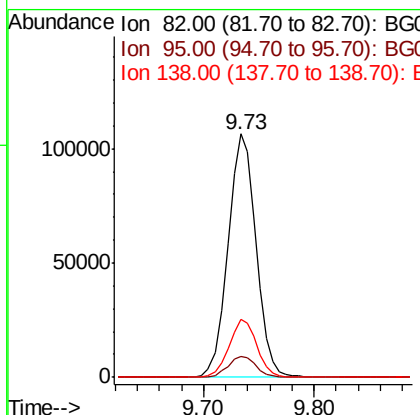
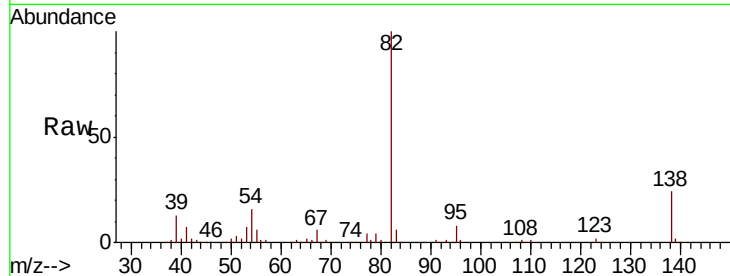
#25
Isophorone
Concen: 48.046 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	189210		
95	8.4	6.6	9.8	
138	23.6	18.6	27.8	

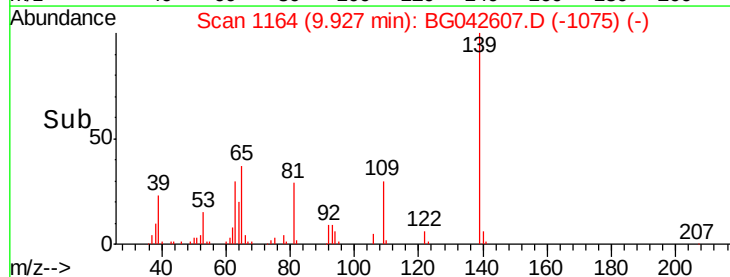
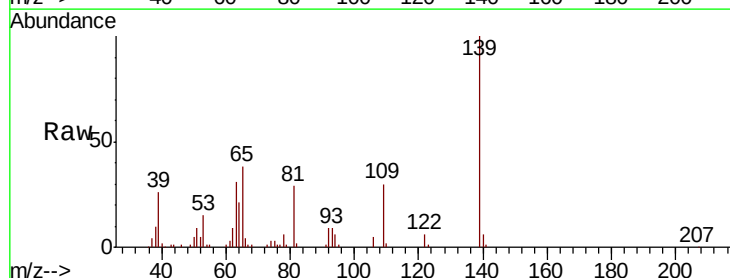
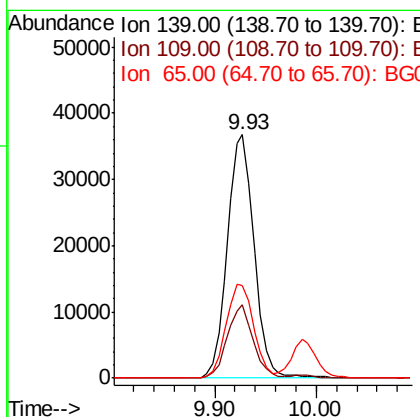
Manual Integrations
APPROVED

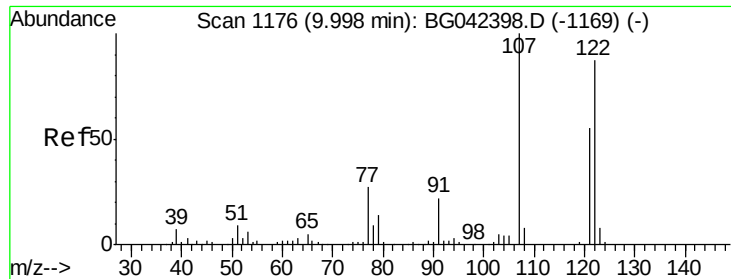
mohammad
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#26
2-Nitrophenol
Concen: 53.145 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	67297		
109	30.4	20.5	30.7	
65	38.0	30.9	46.3	





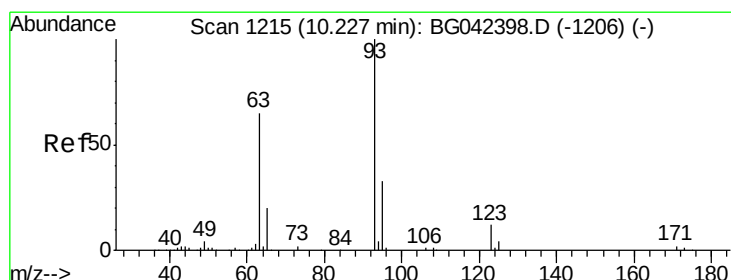
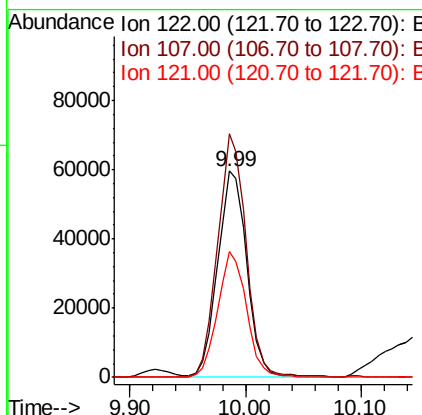
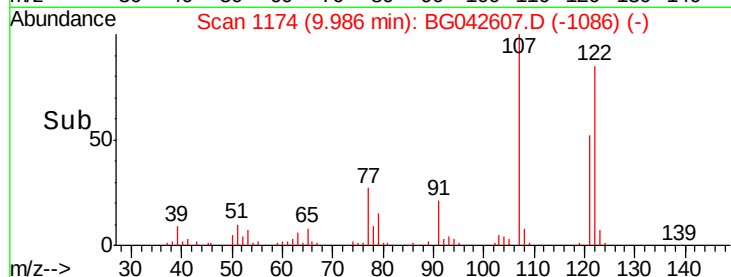
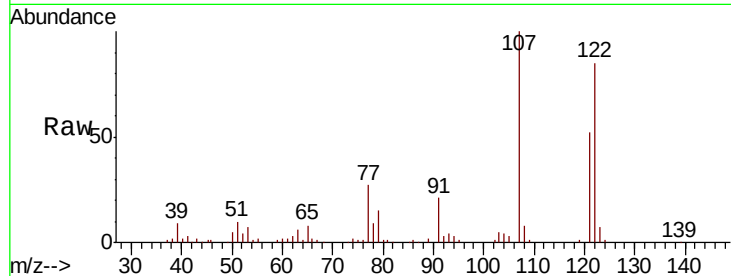
#27
2,4-Dimethylphenol
Concen: 59.055 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	103011		
107	118.2	90.8	136.2	
121	61.1	49.6	74.4	

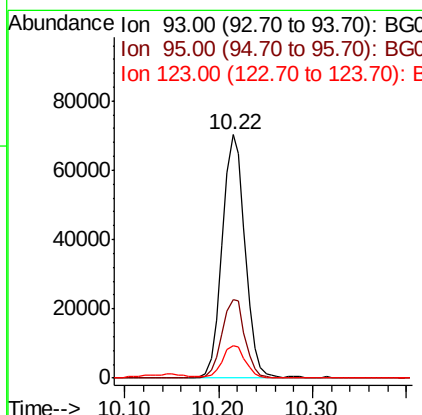
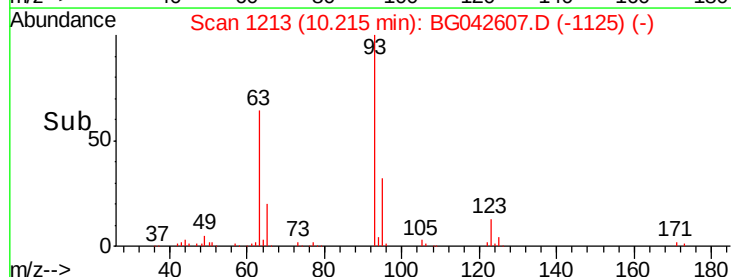
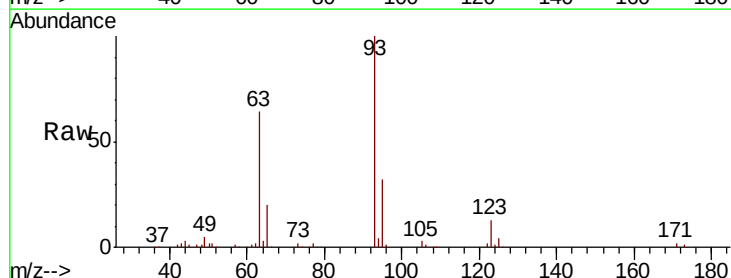
Manual Integrations
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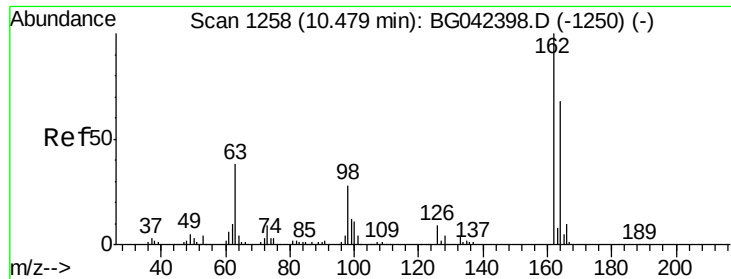
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 47.917 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	118934		
95	32.4	26.6	40.0	
123	13.4	10.1	15.1	





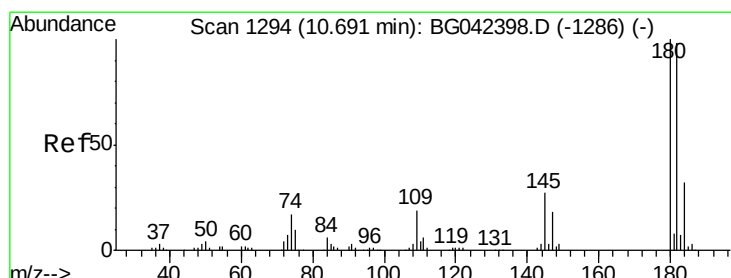
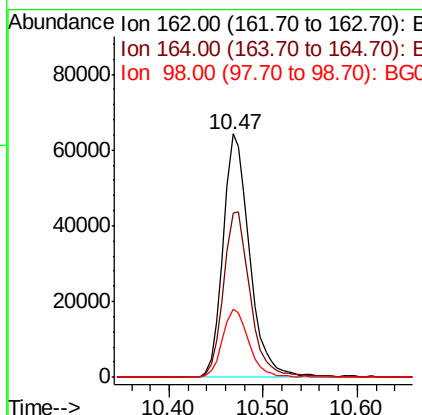
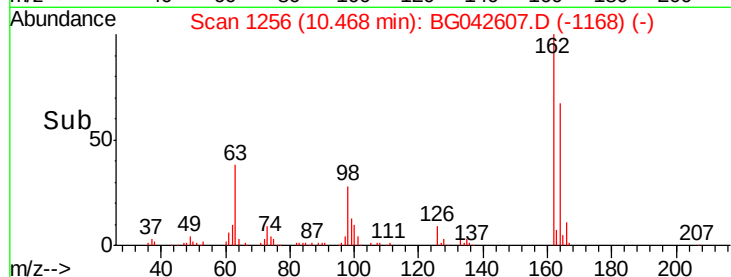
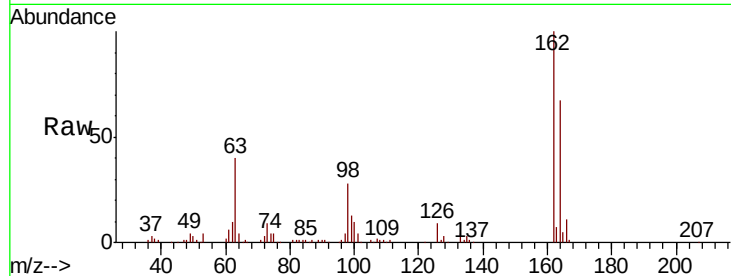
#29
 2,4-Dichlorophenol
 Concen: 55.405 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	126446		
164	67.4	48.1	88.1	
98	28.2	7.6	47.6	

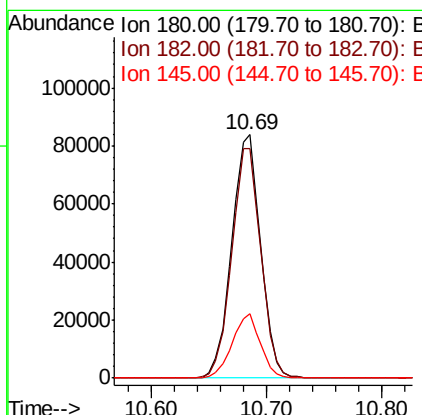
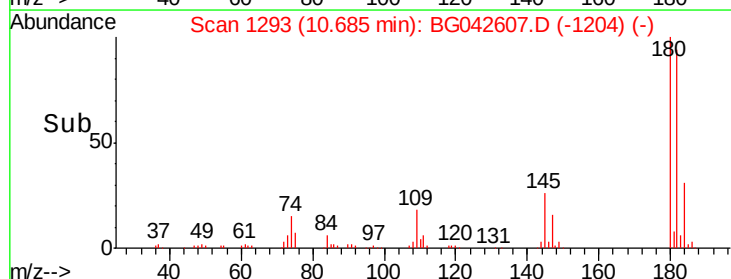
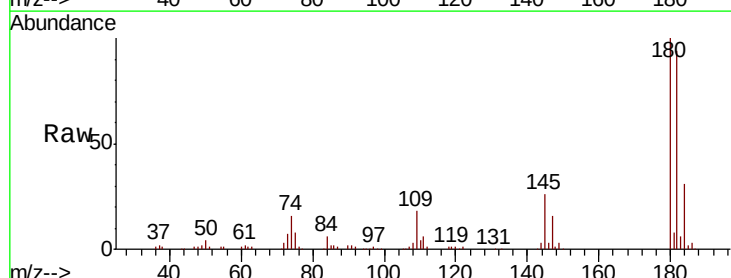
Manual Integrations
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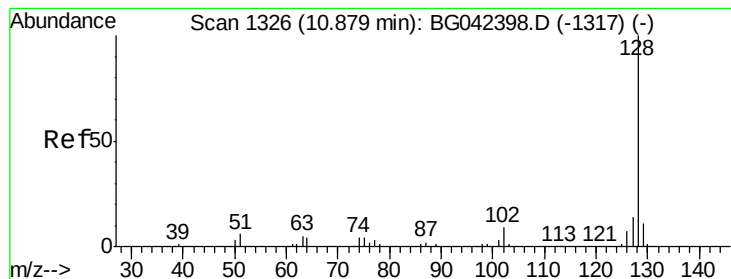
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#30
 1,2,4-Trichlorobenzene
 Concen: 51.703 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	144832		
182	94.4	78.7	118.1	
145	26.3	21.6	32.4	





#31

Naphthalene

Concen: 50.706 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

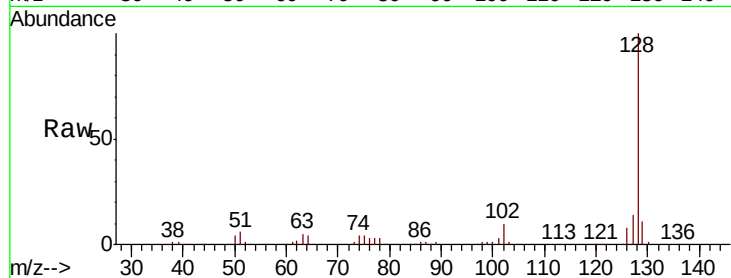
ClientSampleId :

S301-S-7.0-7.5-081919MS

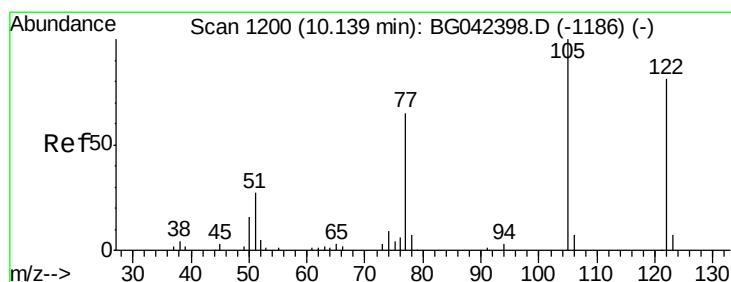
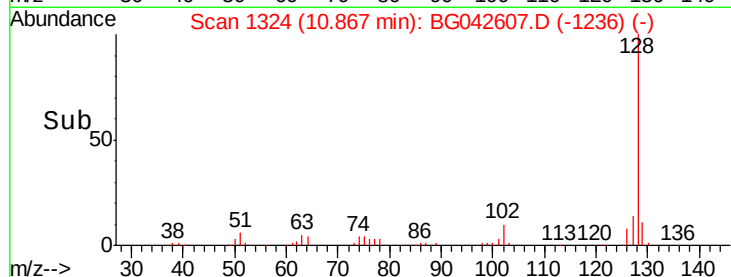
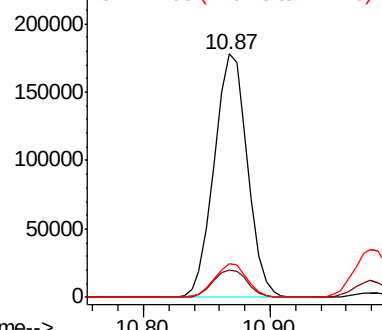
Tot Ion:	128	Resp:	324623
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	13.7	11.4	17.0

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



#32

Benzoic acid

Concen: 38.270 ng

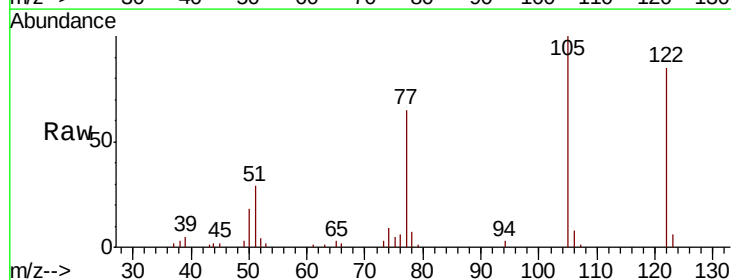
RT: 10.16 min Scan# 1203

Delta R.T. 0.02 min

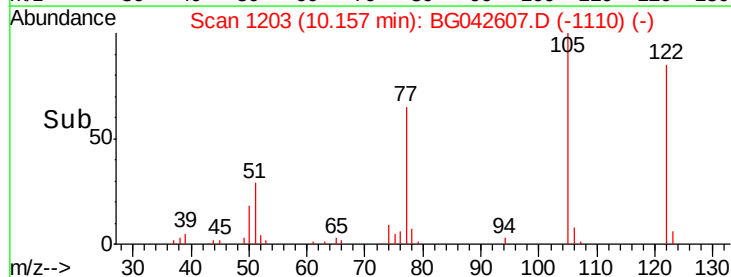
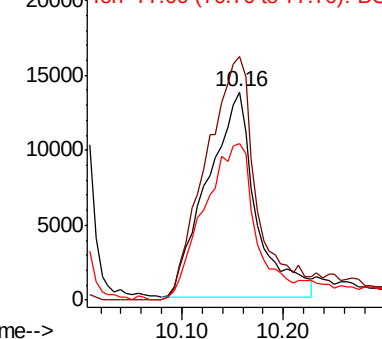
Lab File: BG042607.D

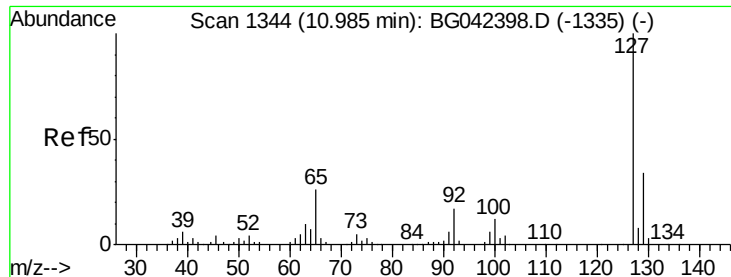
Acq: 30 Aug 2019 19:21

Tgt Ion:	122	Resp:	45922
Ion Ratio	Lower	Upper	
122	100		
105	117.1	99.6	139.6
77	75.6	59.5	99.5



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





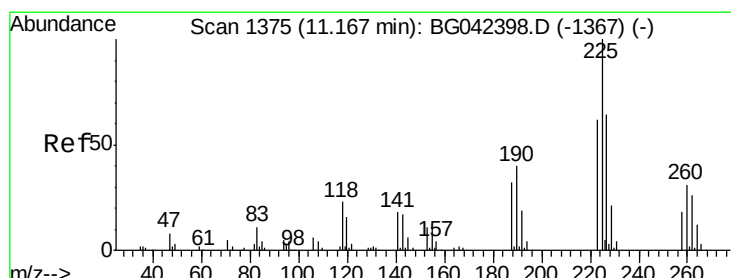
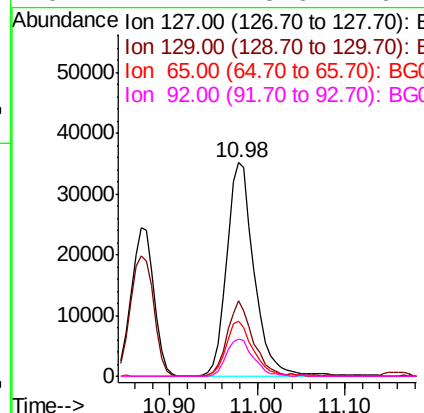
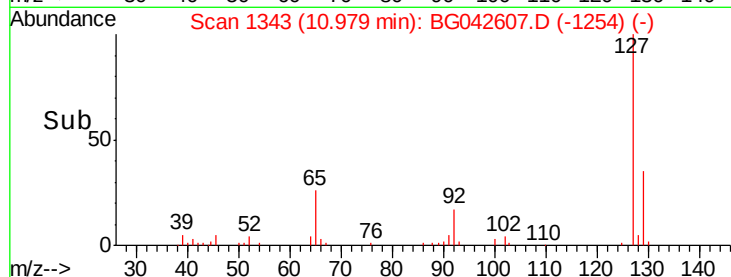
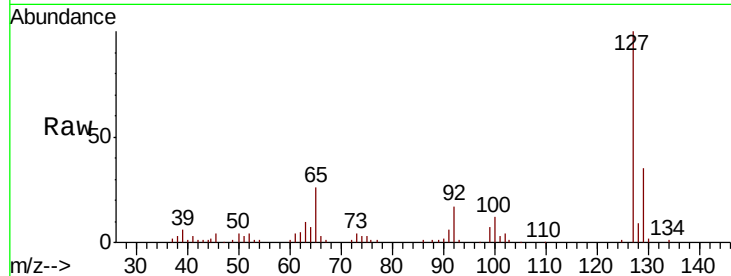
#33
4-Chloroaniline
Concen: 25.690 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.3	26.8	40.2
65	25.9	20.7	31.1
92	17.2	13.6	20.4

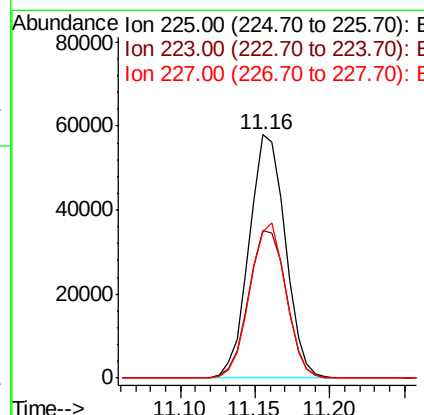
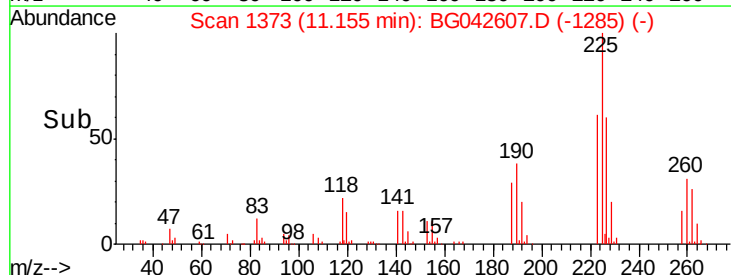
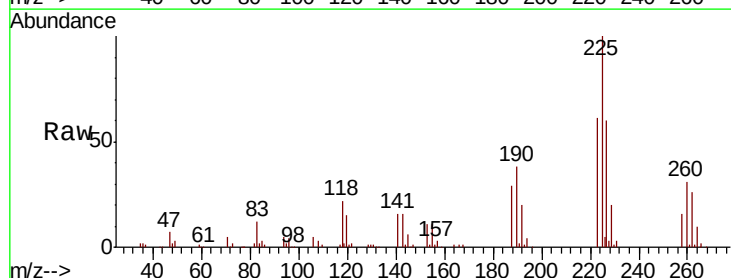
Manual Integrations
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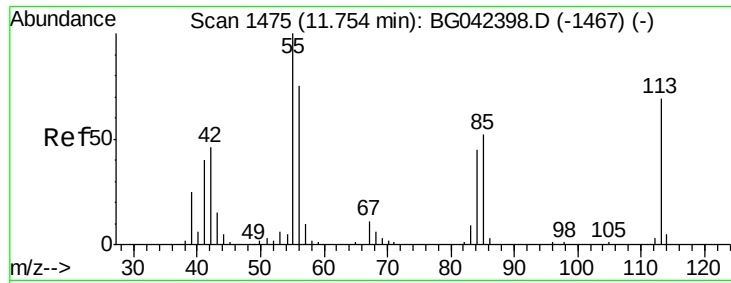
mohammad
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#34
Hexachlorobutadiene
Concen: 51.577 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.8	74.6
227	60.1	50.9	76.3





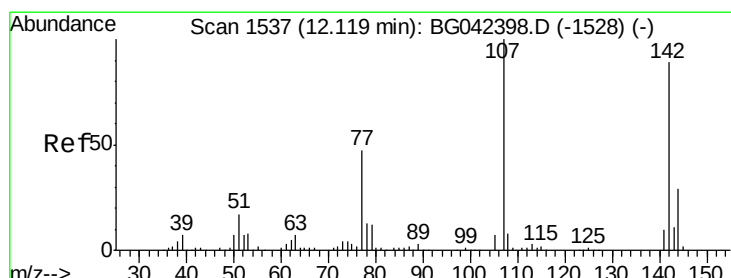
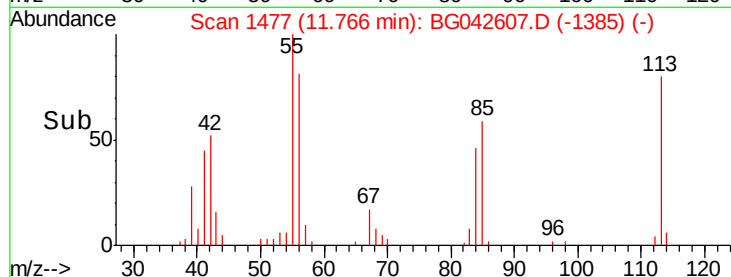
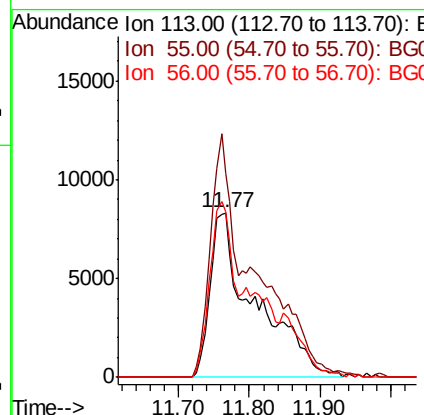
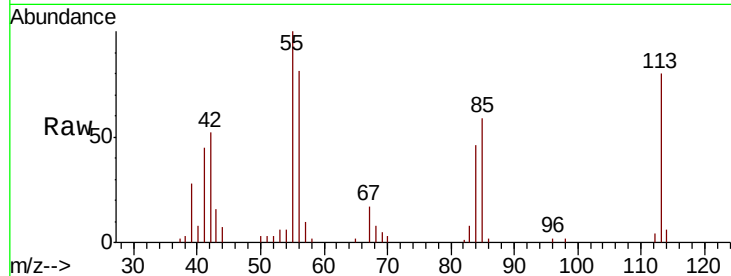
#35
 Caprolactam
 Concen: 48.071 ng/ml
 RT: 11.77 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MS

Tot Ion: 113 Resp: 36607
 Ion Ratio Lower Upper
 113 100
 55 124.3 124.6 164.6#
 56 100.4 88.3 128.3

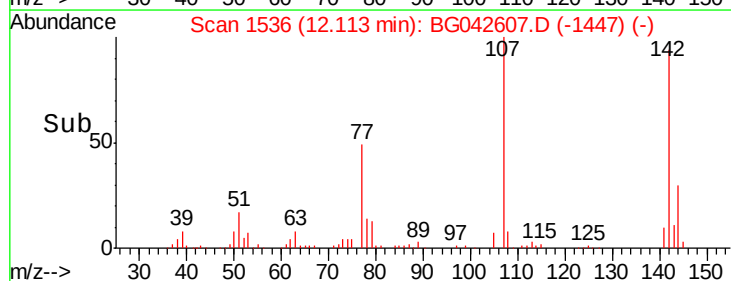
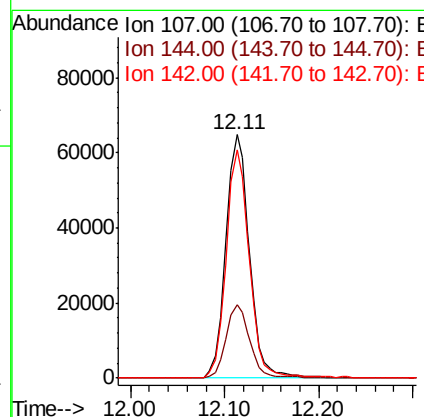
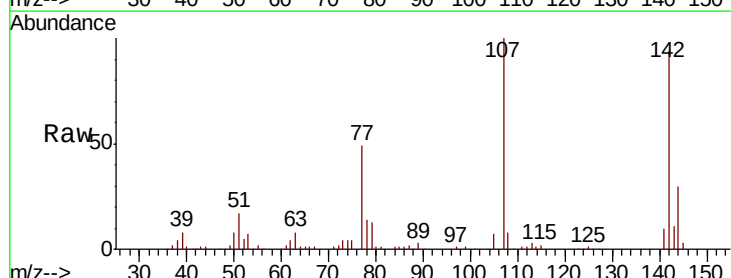
Manual Integrations
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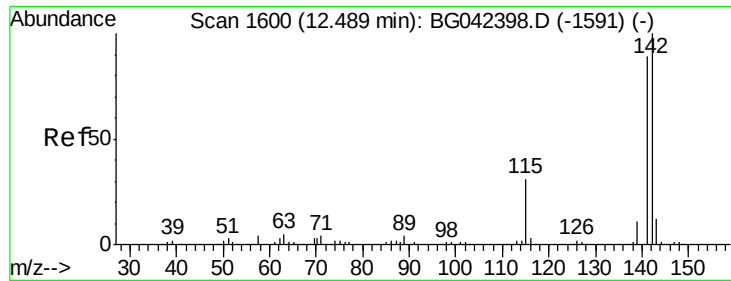
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#36
 4-Chloro-3-methylphenol
 Concen: 52.459 ng/ml
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion: 107 Resp: 113652
 Ion Ratio Lower Upper
 107 100
 144 30.2 23.6 35.4
 142 93.7 71.0 106.4





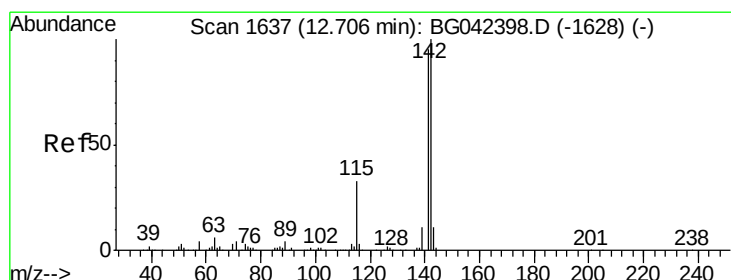
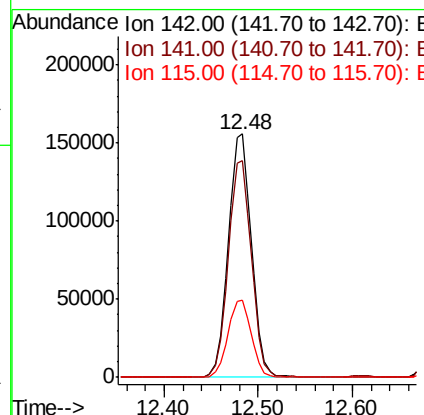
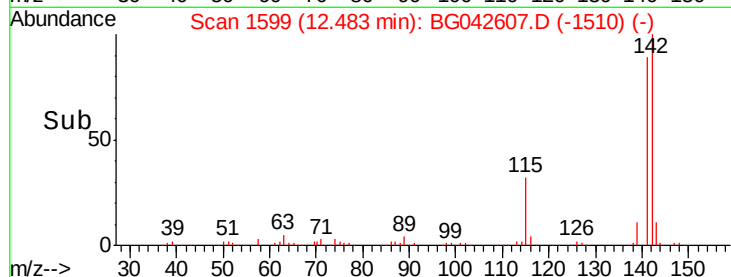
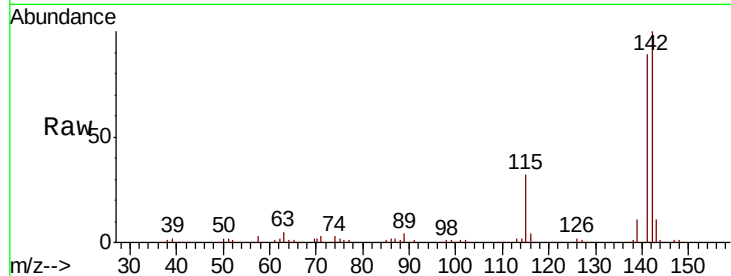
#37
2-Methylnaphthalene
Concen: 51.699 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	32.0	25.2	37.8

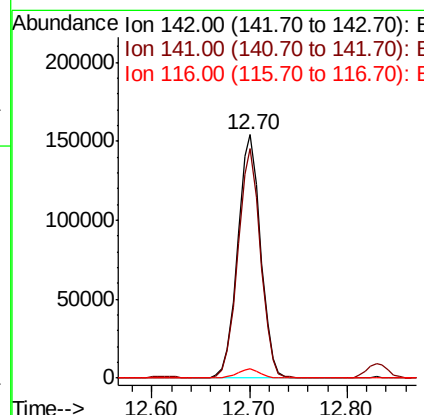
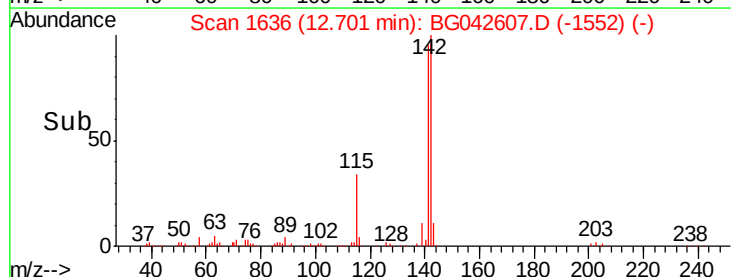
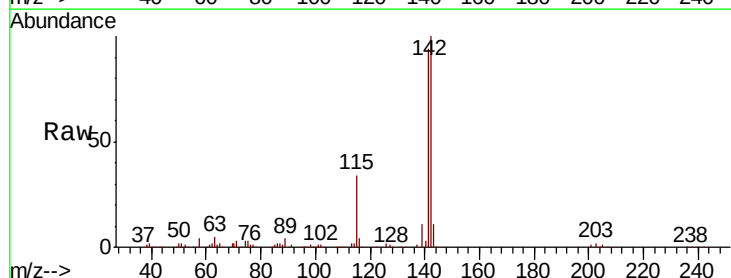
Manual Integrations
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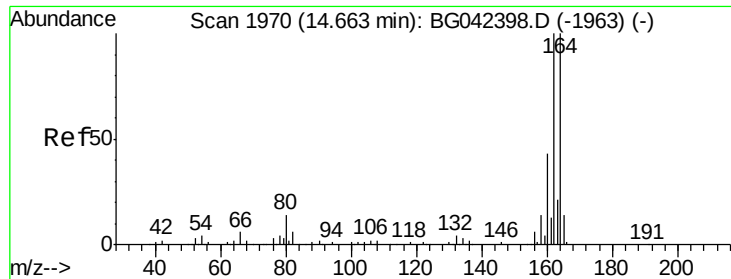
mohammad
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#38
1-Methylnaphthalene
Concen: 51.366 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	76.2	114.2
116	3.7	2.8	4.2





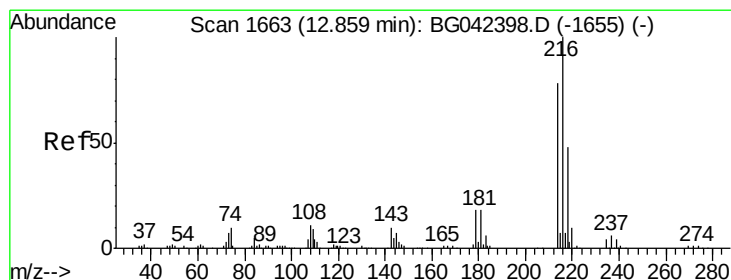
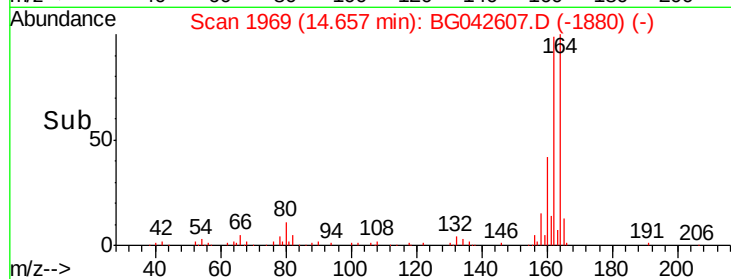
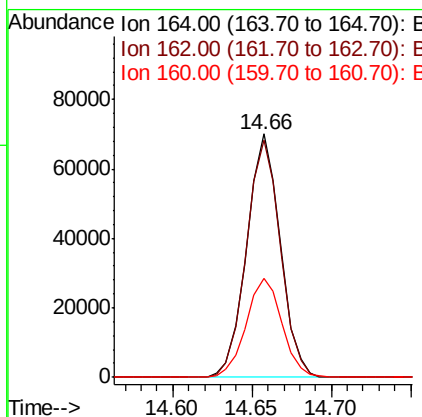
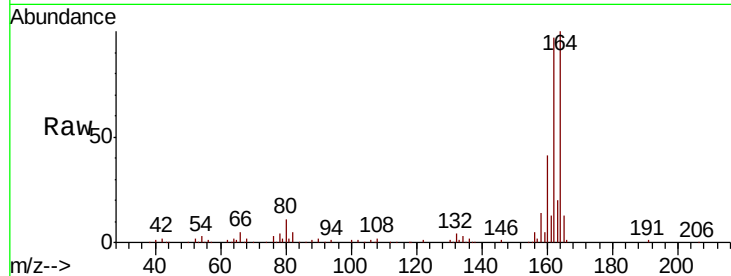
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion:	164	Resp:	102979
Ion	Ratio	Lower	Upper
164	100		
162	97.4	79.9	119.9
160	40.9	34.3	51.5

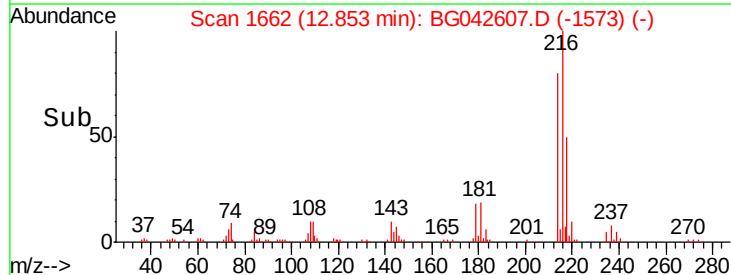
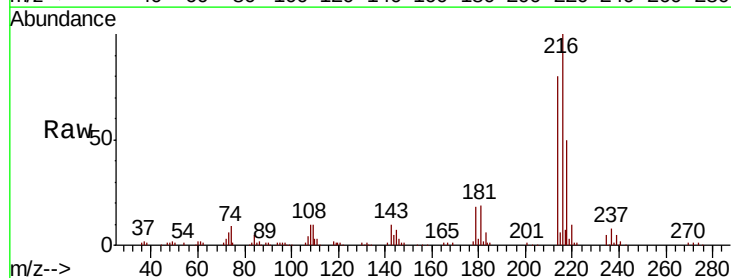
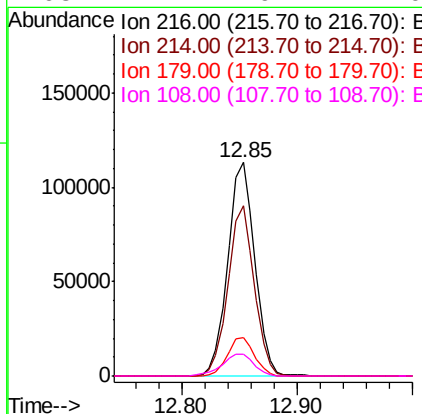
Manual Integrations
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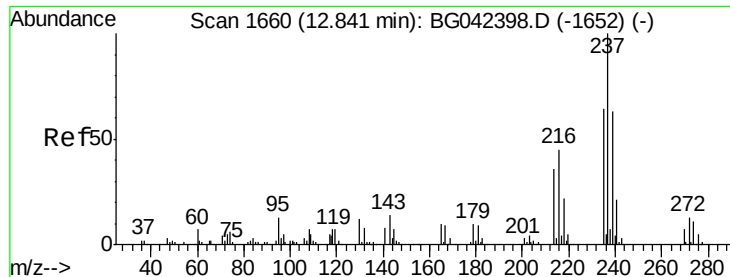
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.137 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion:	216	Resp:	182339
Ion	Ratio	Lower	Upper
216	100		
214	77.7	61.4	92.2
179	18.1	15.1	22.7
108	12.2	9.4	14.0





#41

Hexachlorocyclopentadiene

Concen: 96.475 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

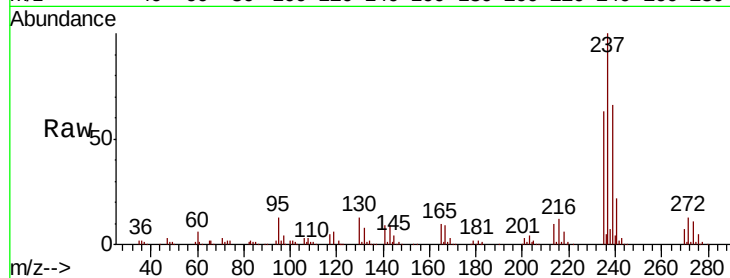
ClientSampleId :

S301-S-7.0-7.5-081919MS

Tot Ion:	237	Resp:	167590
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.7	83.7
272	12.7	0.0	33.3

Manual Integrations
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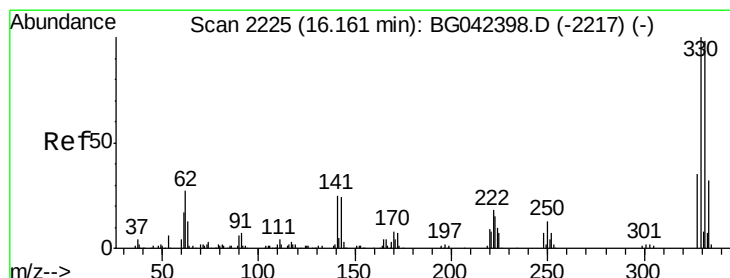
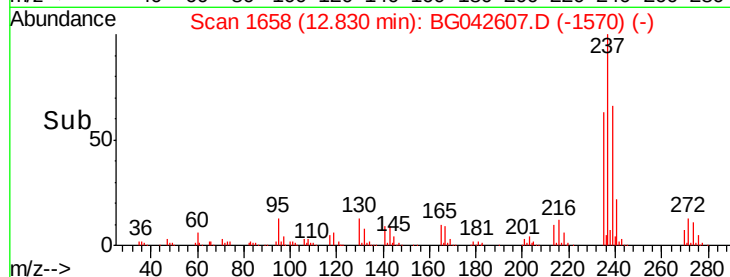
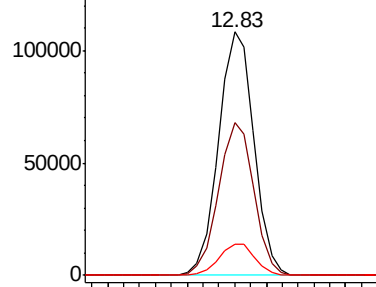


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 148.921 ng

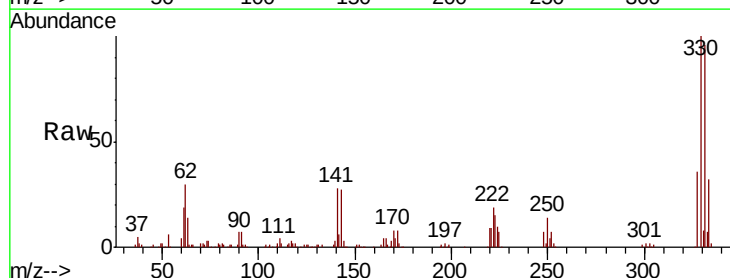
RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Tgt Ion:	330	Resp:	217973
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.4	116.0
141	26.7	21.4	32.0

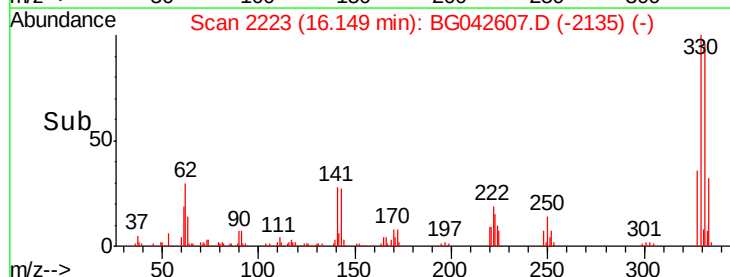
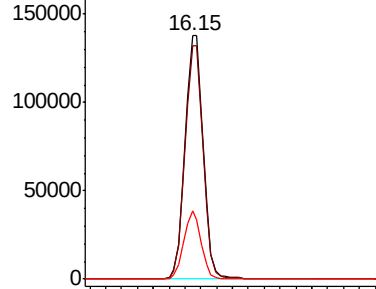


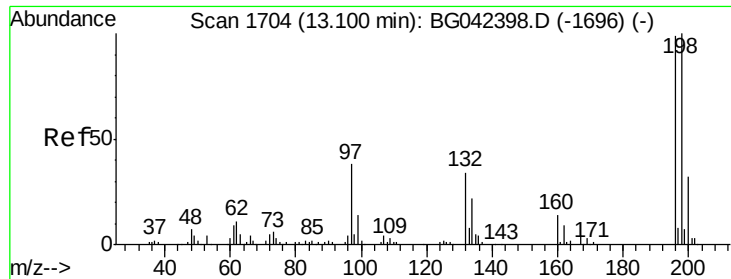
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





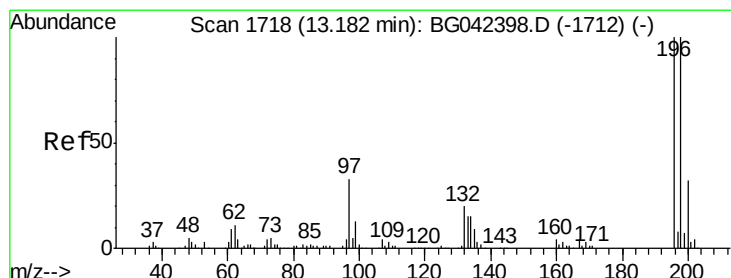
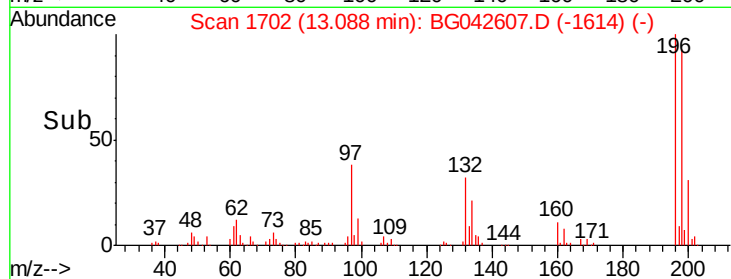
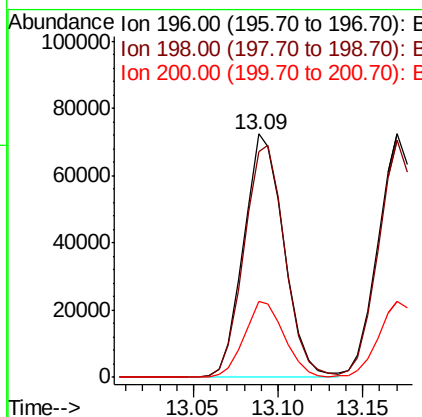
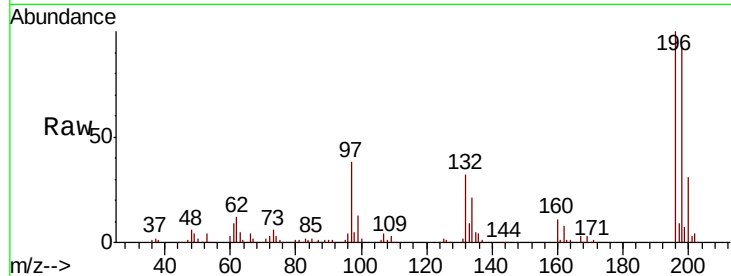
#43
 2,4,6-Trichlorophenol
 Concen: 53.477 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	119538		
198	92.6	80.7	121.1	
200	31.1	25.7	38.5	

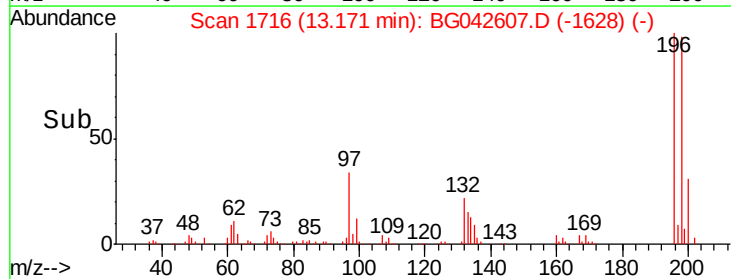
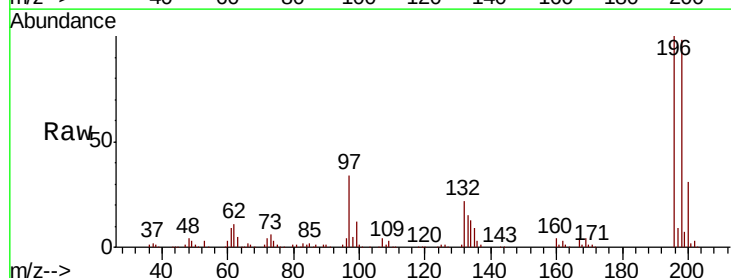
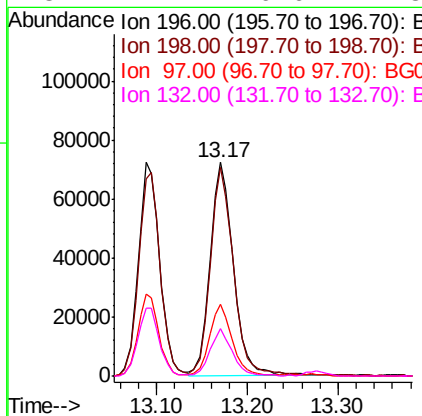
Manual Integrations
 APPROVED

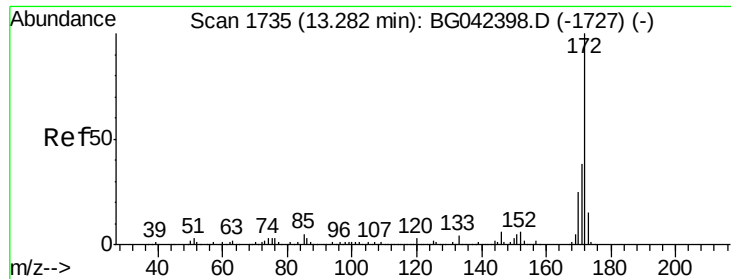
mohammad
 8/31/2019 2:42:47 PM



#44
 2,4,5-Trichlorophenol
 Concen: 55.457 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	128462		
198	97.6	80.2	120.4	
97	33.9	26.3	39.5	
132	22.1	16.6	24.8	





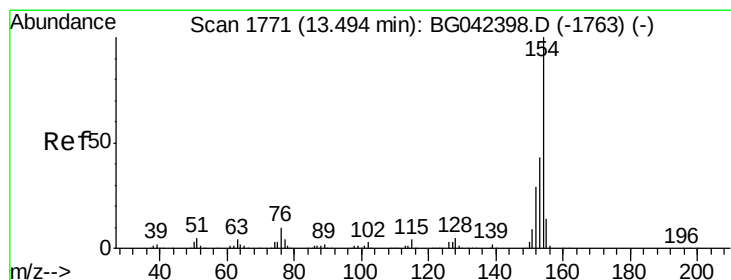
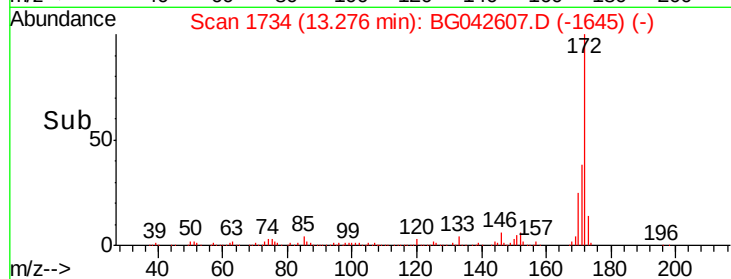
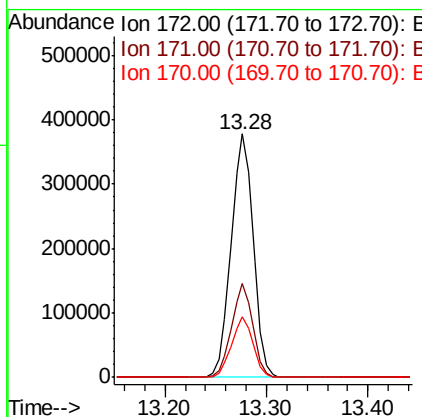
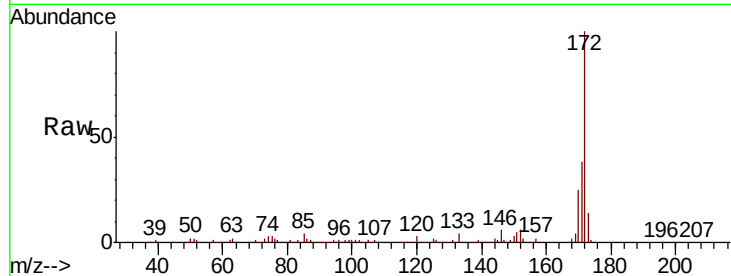
#45
2-Fluorobiphenyl
Concen: 93.949 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.5	45.7
170	24.8	20.2	30.2

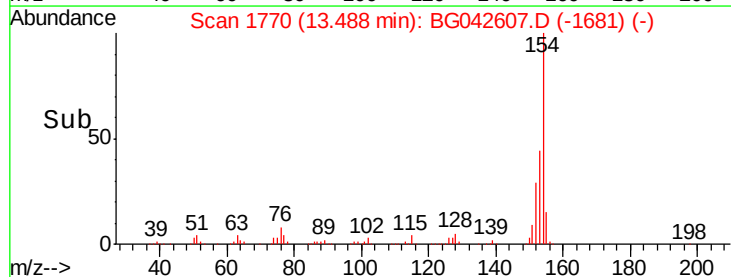
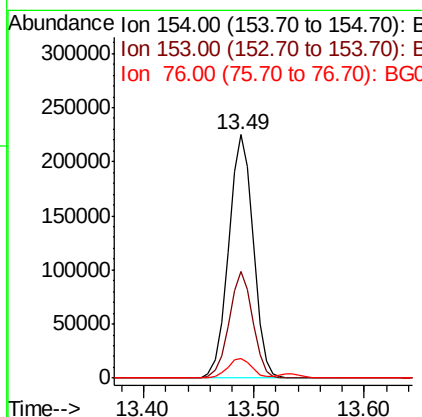
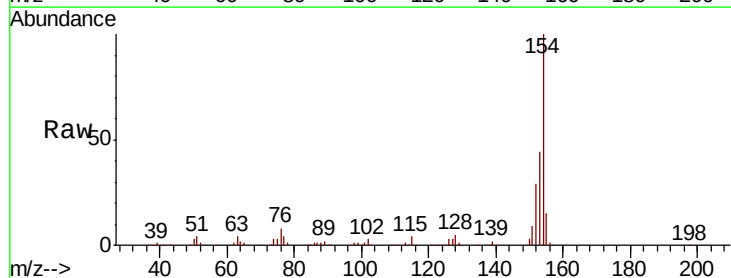
Manual Integrations
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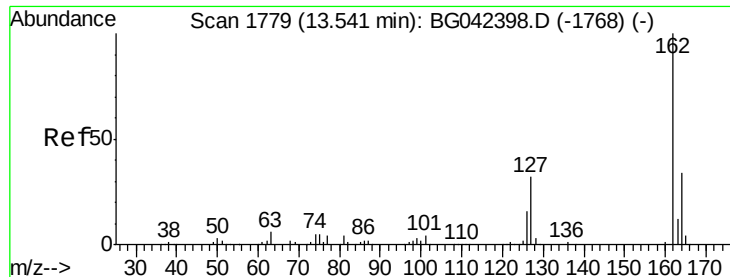
mohammad
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#46
1,1'-Biphenyl
Concen: 52.615 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.9	23.0	63.0
76	8.2	0.0	29.6





#47

2-Chloronaphthalene

Concen: 50.746 ng

RT: 13.53 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

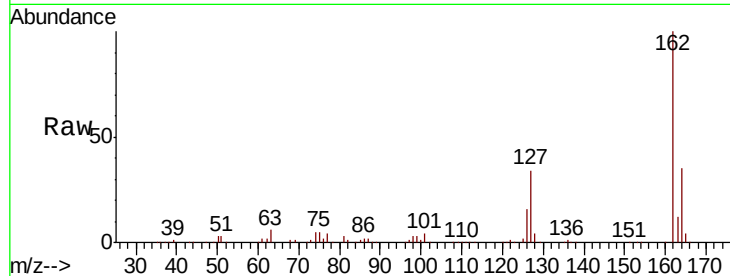
ClientSampleId :

S301-S-7.0-7.5-081919MS

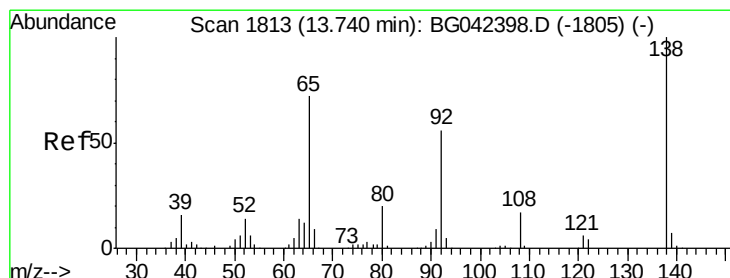
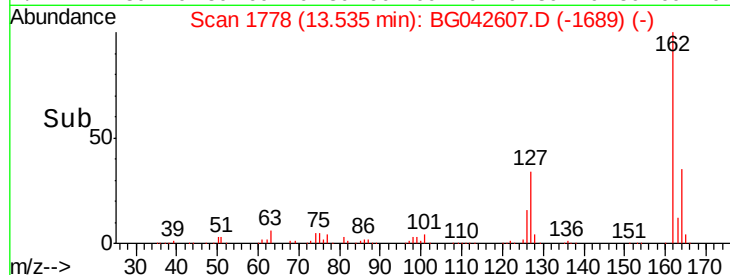
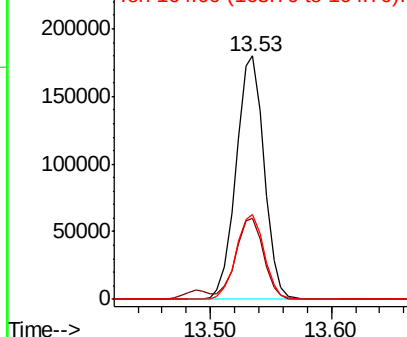
Tot Ion:	162	Resp:	291270
Ion Ratio	Lower	Upper	
162	100		
127	33.5	26.0	39.0
164	35.0	27.4	41.0

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



#48

2-Nitroaniline

Concen: 46.465 ng

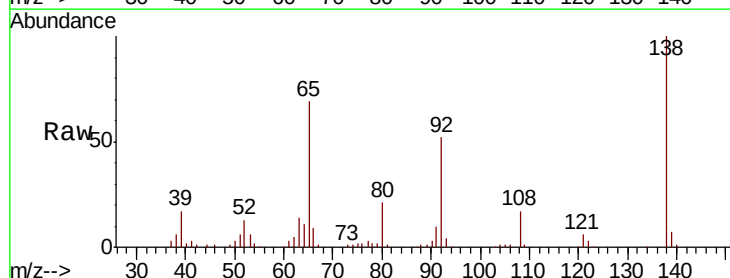
RT: 13.73 min Scan# 1812

Delta R.T. -0.01 min

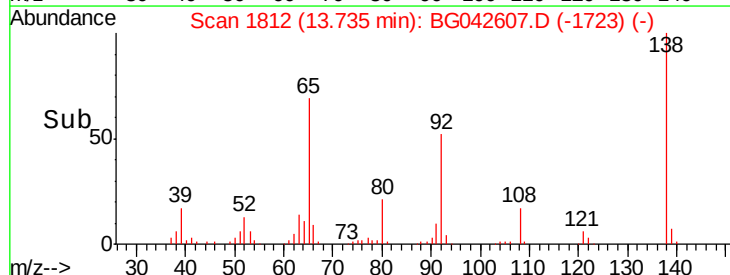
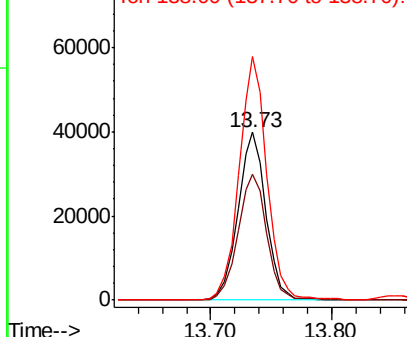
Lab File: BG042607.D

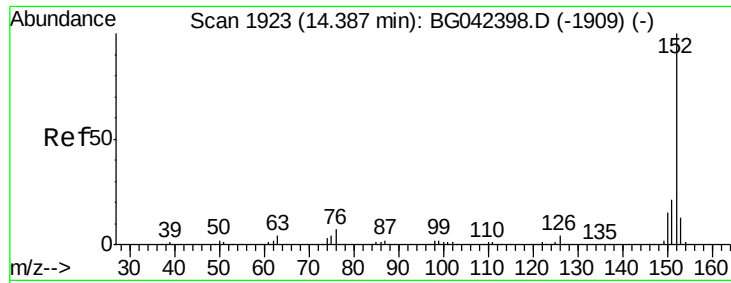
Acq: 30 Aug 2019 19:21

Tgt Ion:	65	Resp:	64312
Ion Ratio	Lower	Upper	
65	100		
92	74.9	61.8	92.6
138	145.1	111.0	166.6



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





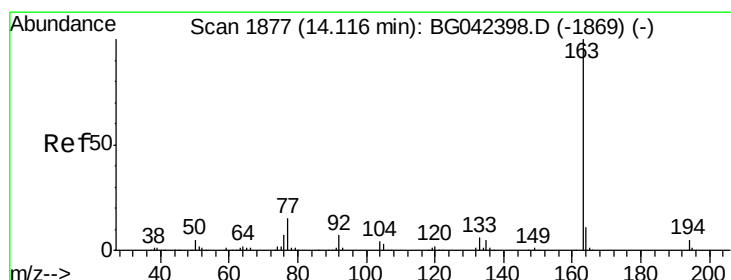
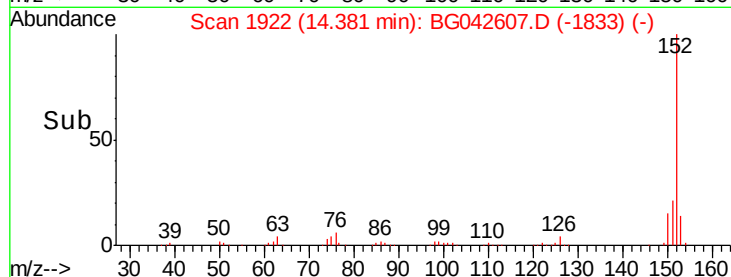
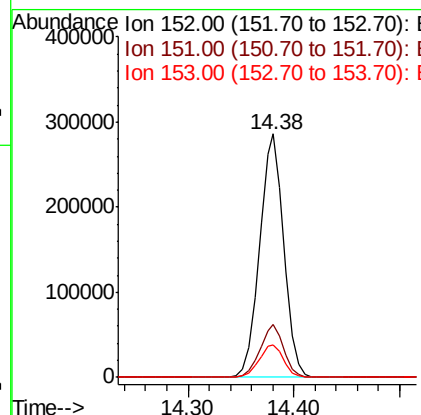
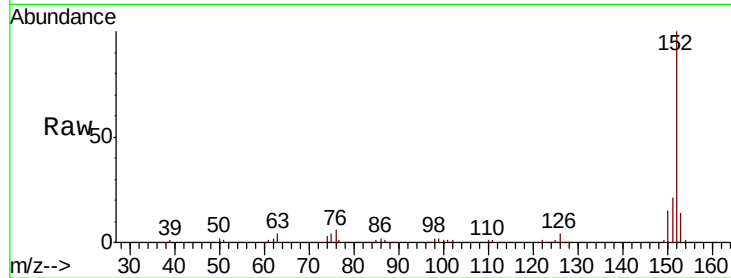
#49
Acenaphthylene
Concen: 52.686 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	454963		
151	21.5		17.0	25.4
153	13.5		10.6	16.0

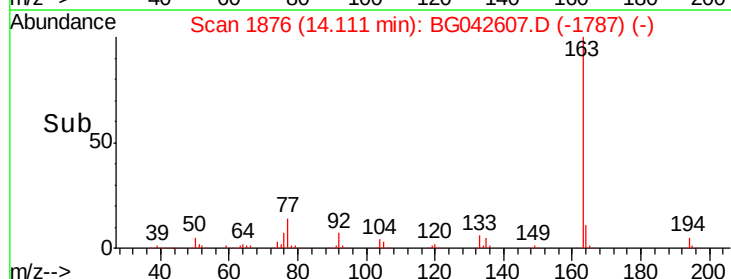
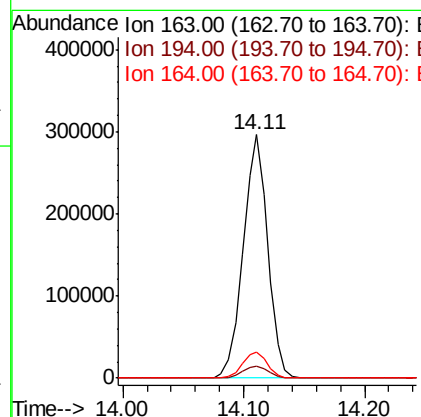
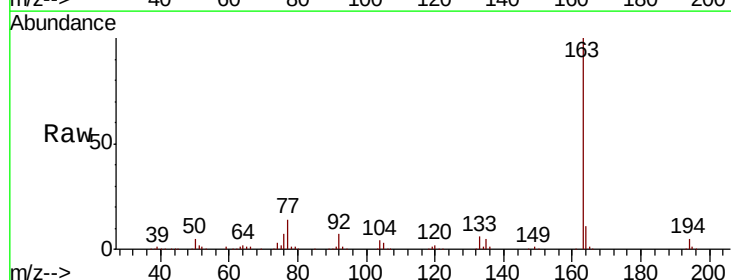
Manual Integrations
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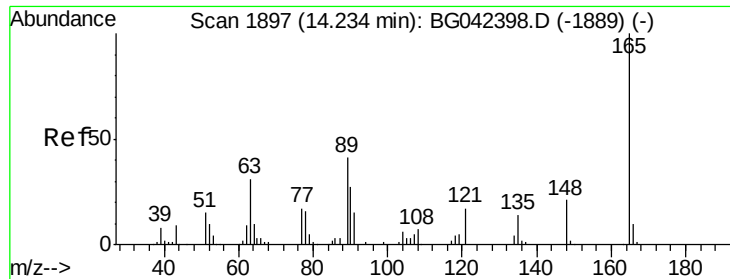
mohammad
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#50
Dimethylphthalate
Concen: 56.172 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	417372		
194	5.1		4.2	6.2
164	10.5		8.8	13.2





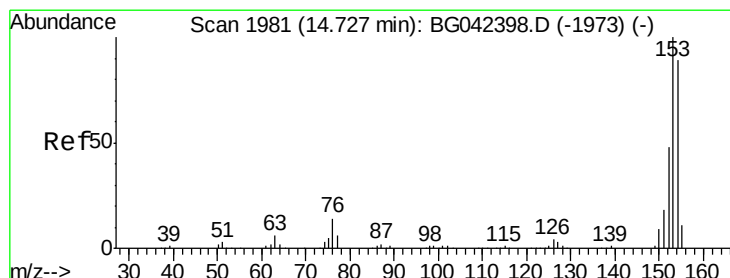
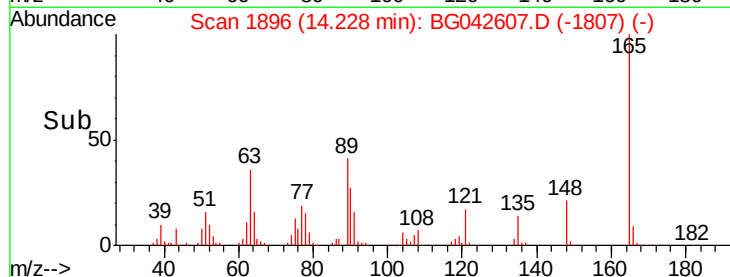
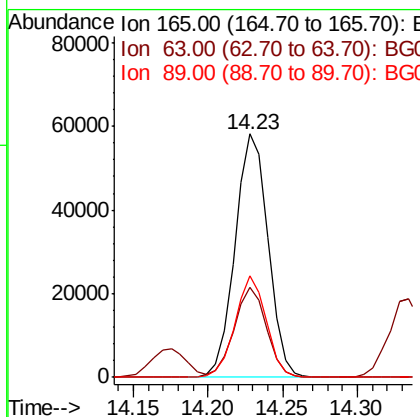
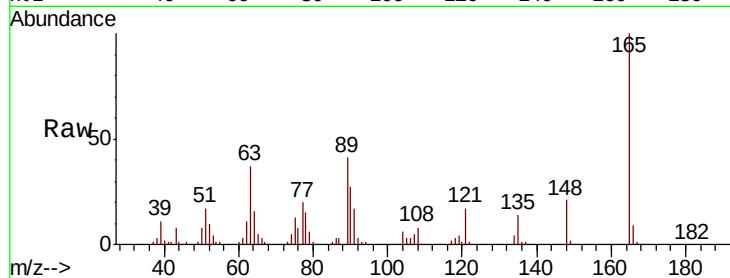
#51
 2,6-Dinitrotoluene
 Concen: 51.784 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MS

Tot Ion:	165	Resp:	89186
Ion Ratio	Lower	Upper	
165	100		
63	36.9	30.6	45.8
89	41.5	32.6	49.0

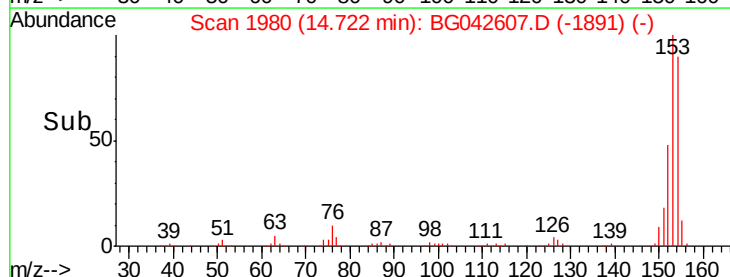
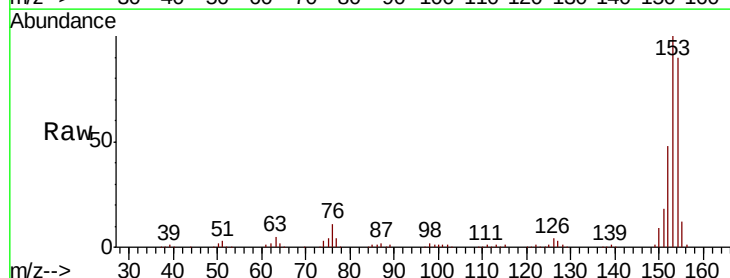
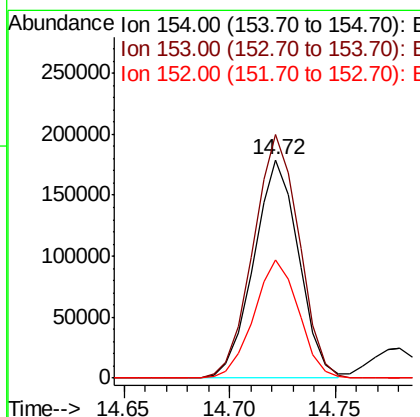
Manual Integrations
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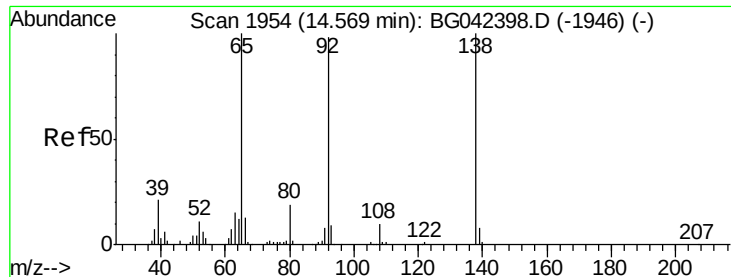
mohammad
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#52
 Acenaphthene
 Concen: 50.693 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion:	154	Resp:	265807
Ion Ratio	Lower	Upper	
154	100		
153	111.6	90.2	135.4
152	54.0	43.2	64.8





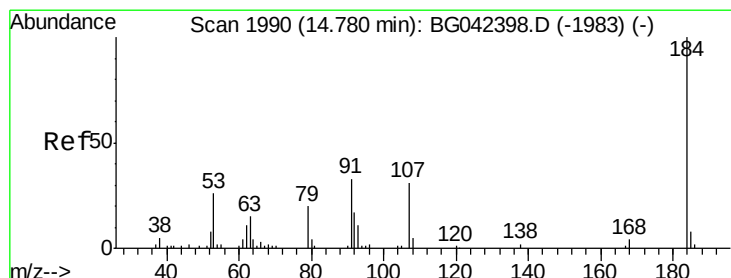
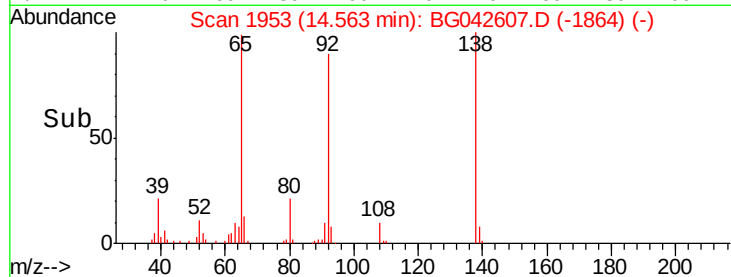
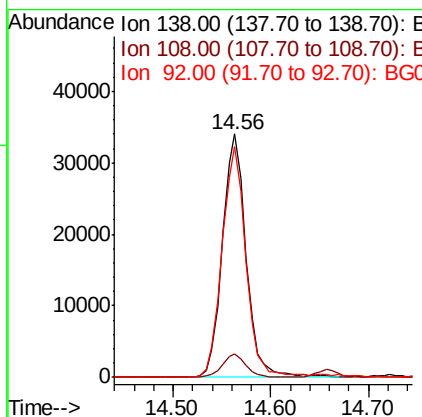
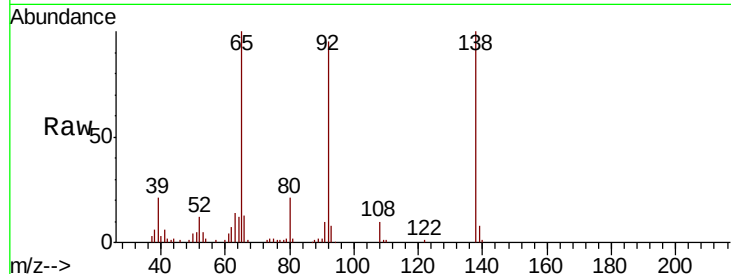
#53
3-Nitroaniline
Concen: 33.345 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.3	12.5
92	95.0	78.2	117.4

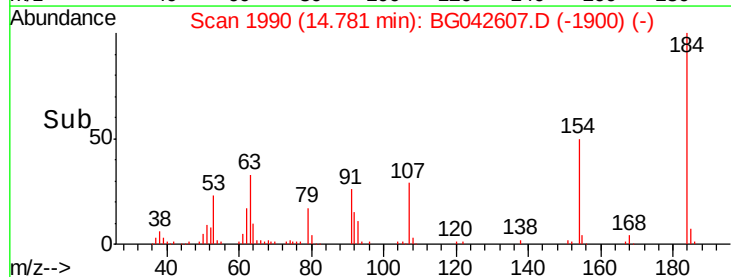
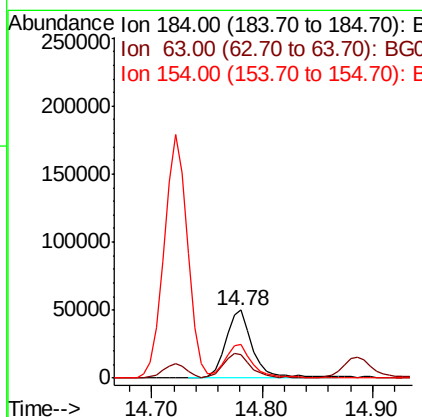
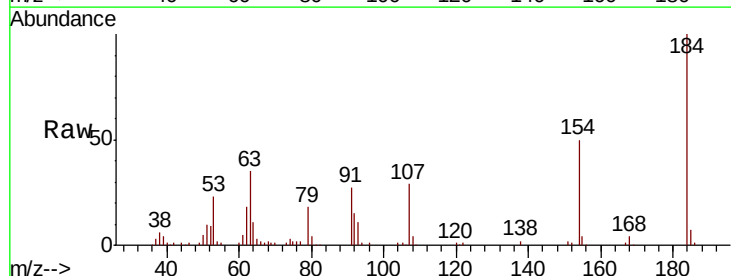
Manual Integrations
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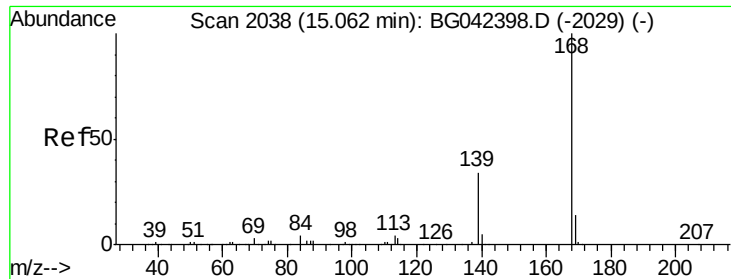
mohammad
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#54
2,4-Dinitrophenol
Concen: 74.059 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	35.4	31.7	47.5
154	50.0	42.0	63.0





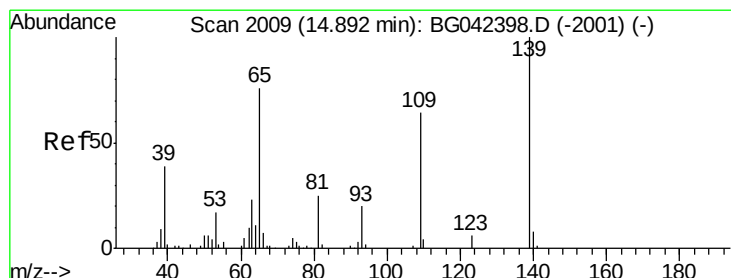
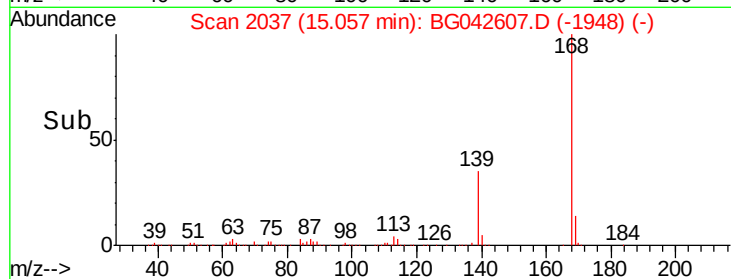
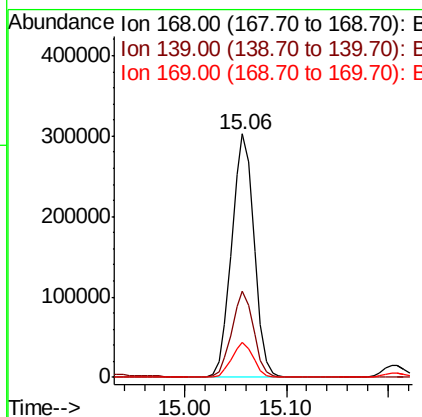
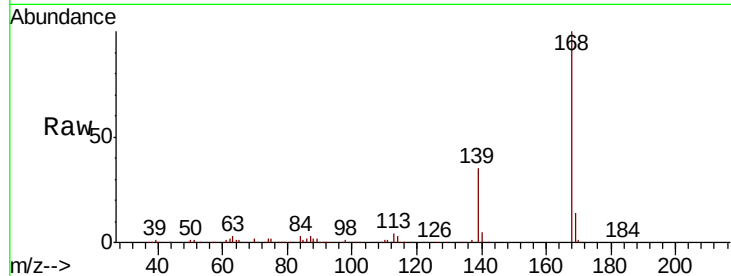
#55
Dibenzenofuran
Concen: 53.396 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.3	27.2	40.8
169	14.2	11.5	17.3

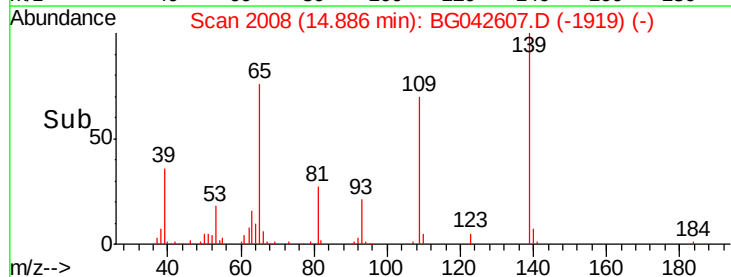
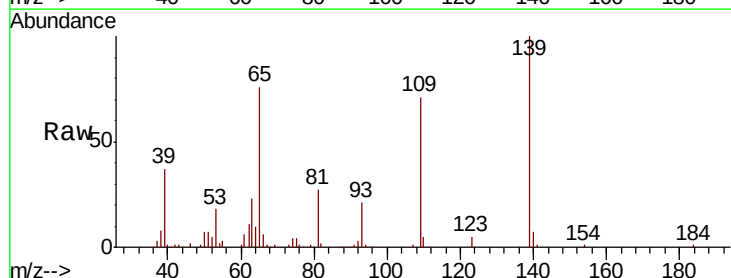
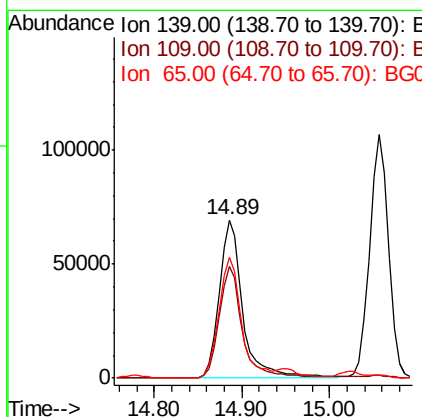
Manual Integrations
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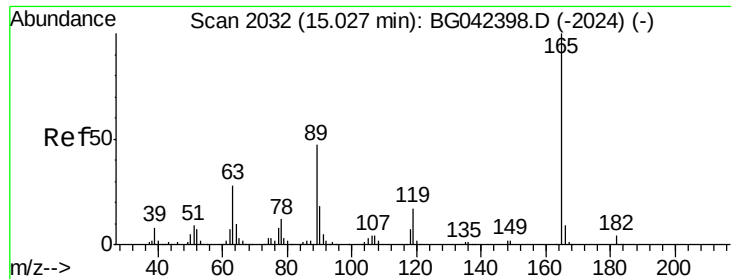
mohammad
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#56
4-Nitrophenol
Concen: 105.895 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.6	43.9	83.9
65	75.9	56.3	96.3





#57

2,4-Dinitrotoluene

Concen: 51.559 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

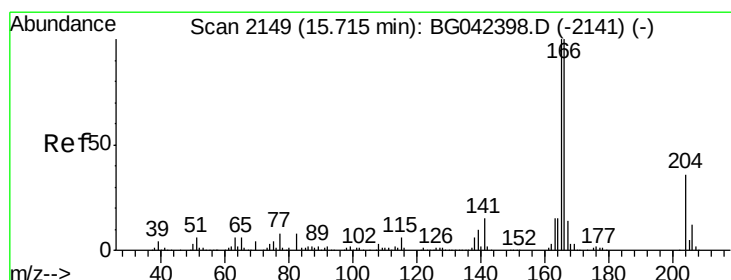
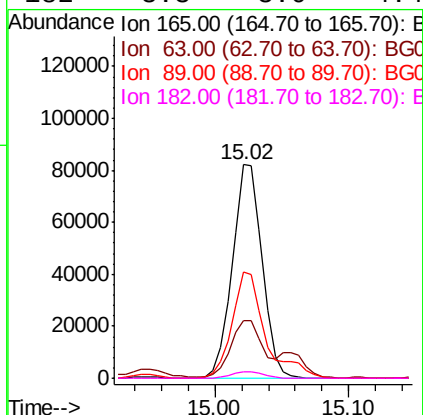
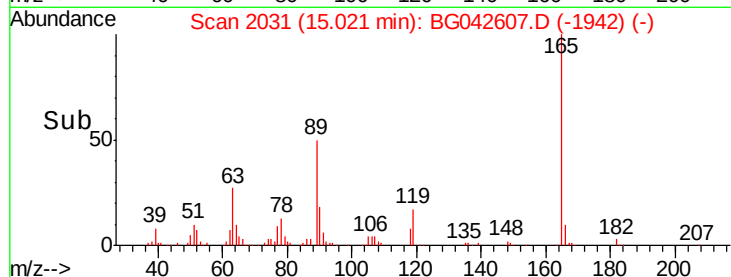
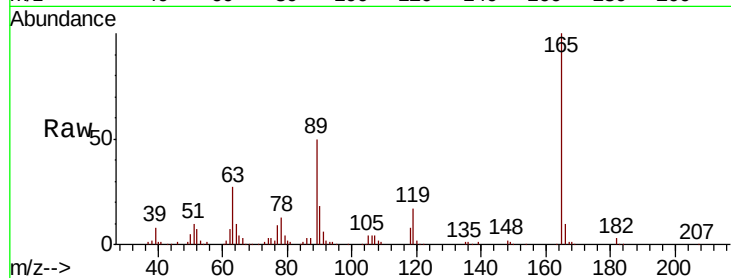
ClientSampleId :

S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	127159		
63	27.2		22.5	33.7
89	49.6		37.8	56.6
182	3.3		3.0	4.4

Manual Integrations
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#58

Fluorene

Concen: 52.723 ng

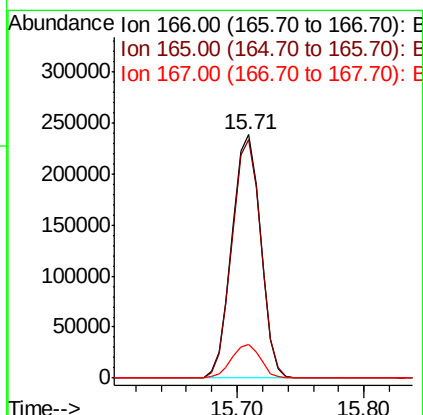
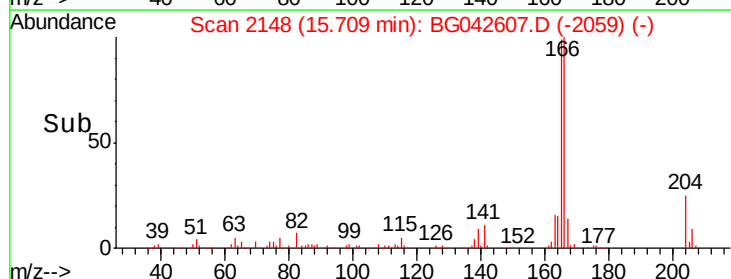
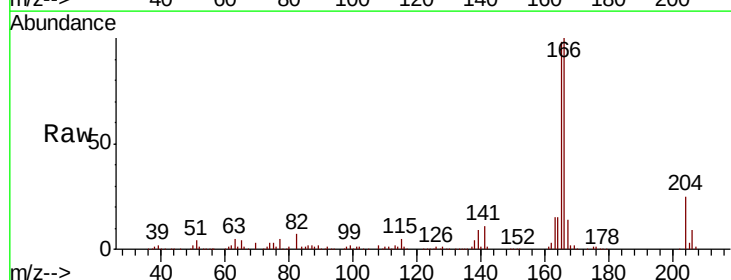
RT: 15.71 min Scan# 2148

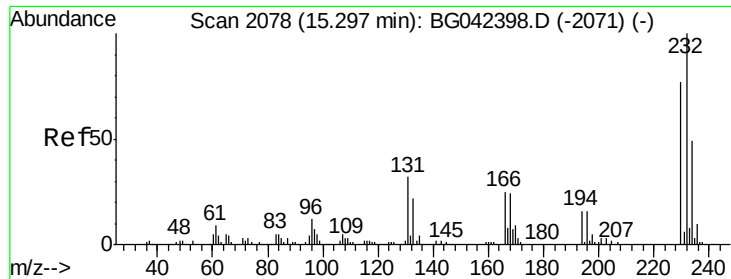
Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	374070		
165	98.1		79.7	119.5
167	14.0		10.9	16.3





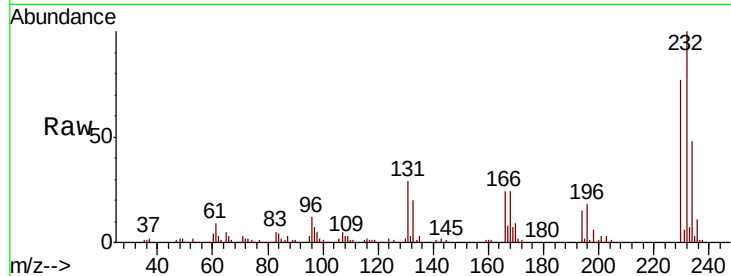
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.479 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		127090		
131	26.6	22.9	34.3		
130	1.4	1.4	2.0		
166	19.9	17.0	25.4		

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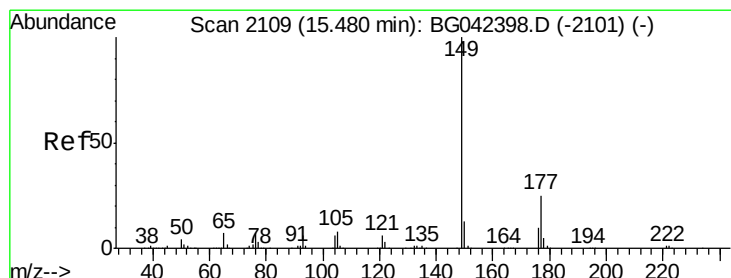
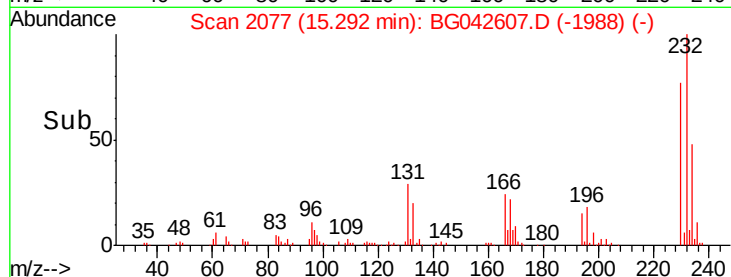
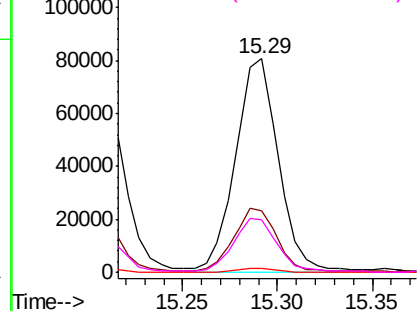
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

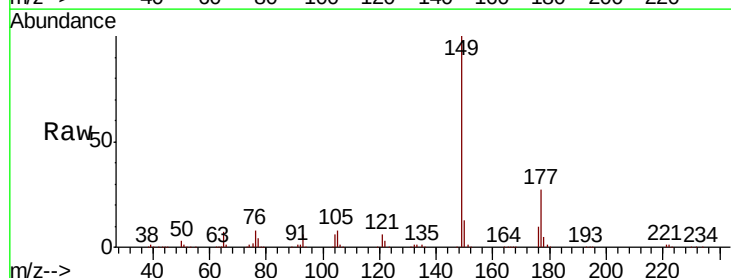
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 49.911 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		362533		
177	26.5	20.4	30.6		
150	13.2	10.3	15.5		

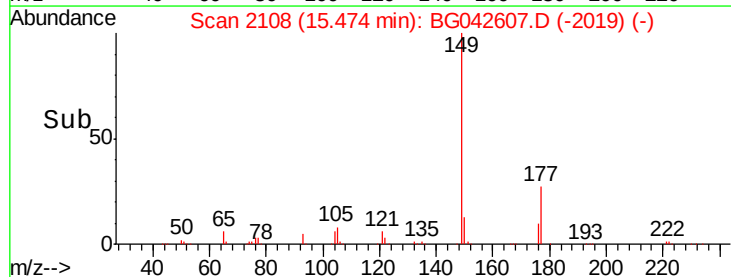
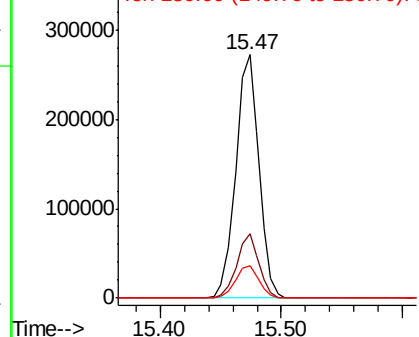


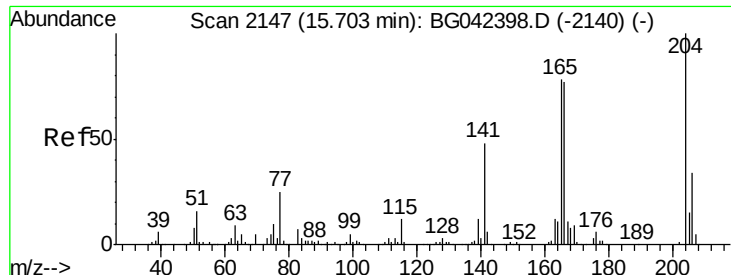
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





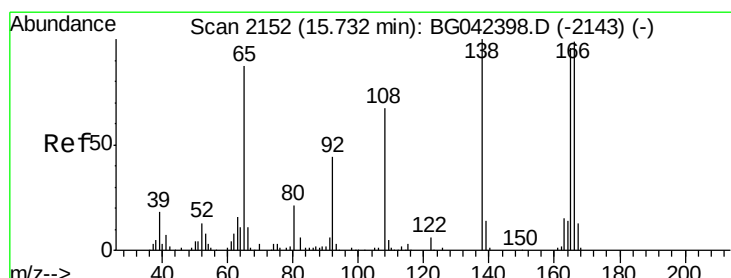
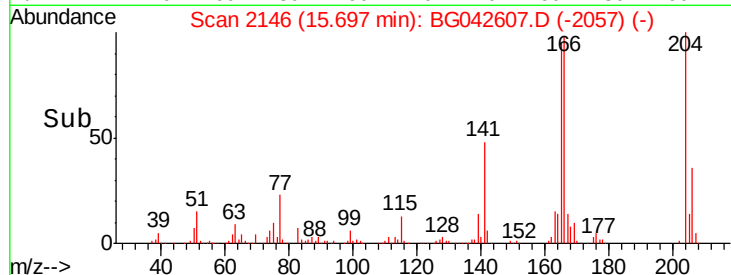
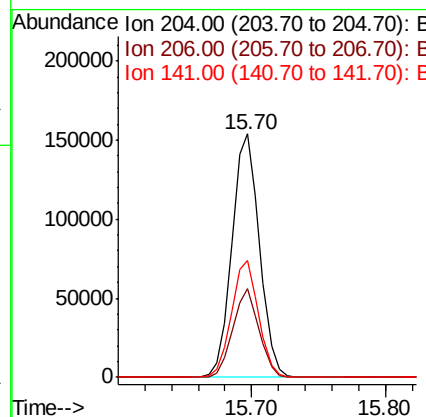
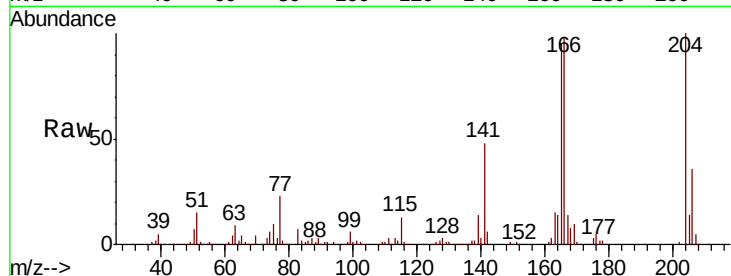
#61
 4-Chlorophenyl-phenylether
 Concen: 51.704 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	221135		
206	36.4	27.2	40.8	
141	48.3	38.7	58.1	

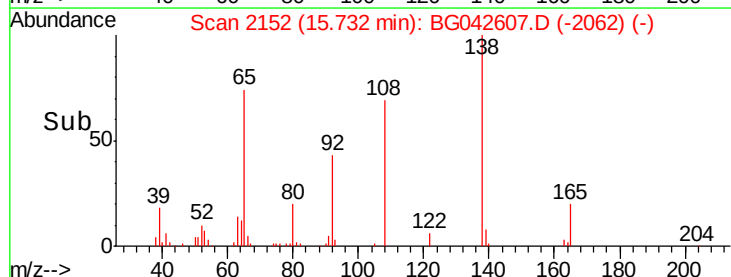
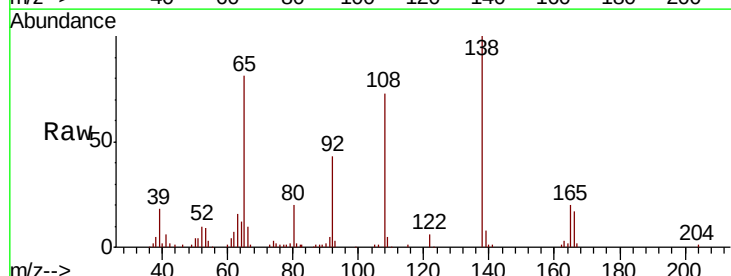
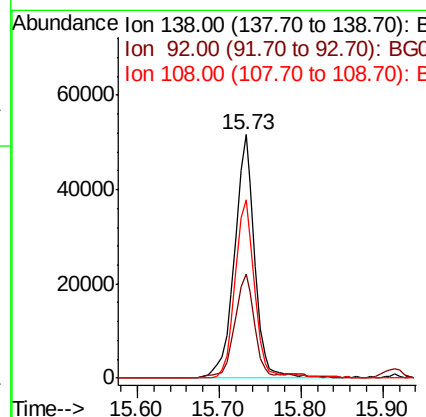
Manual Integrations
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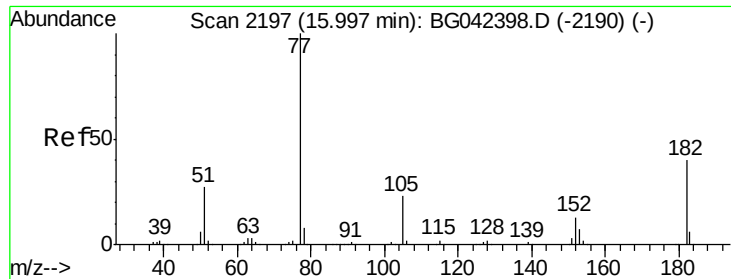
mohammad
 8/31/2019 2:42:47 PM



#62
 4-Nitroaniline
 Concen: 48.310 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	89058		
92	42.7	24.2	64.2	
108	73.0	46.8	86.8	





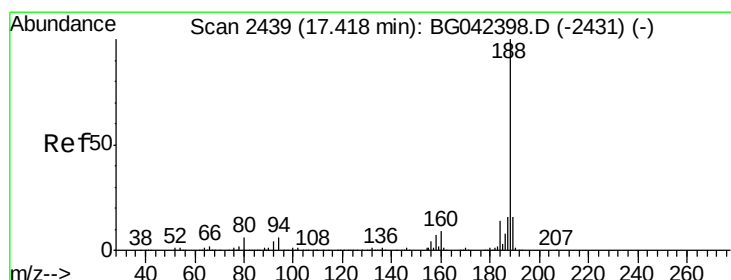
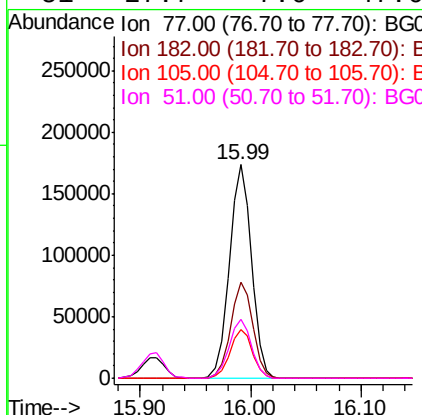
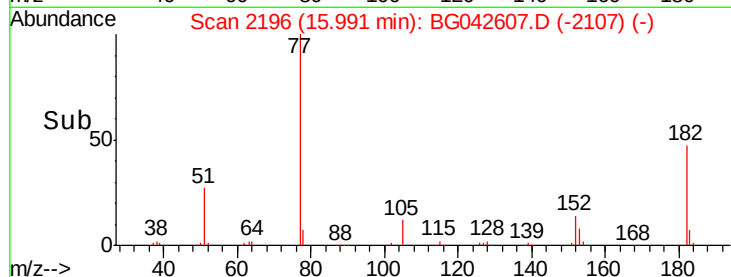
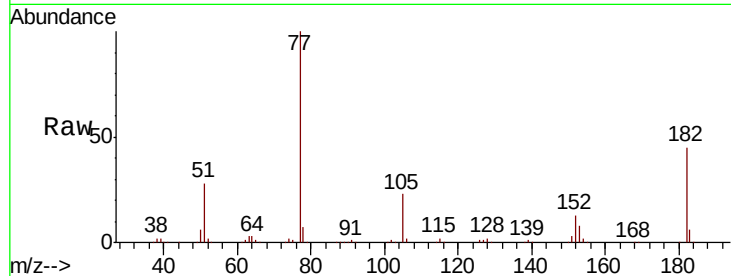
#63
Azobenzene
Concen: 49.126 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		244509		
182	45.1	19.9	59.9		
105	22.6	2.9	42.9		
51	27.7	7.6	47.6		

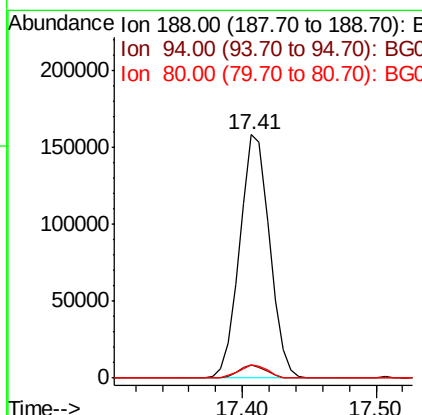
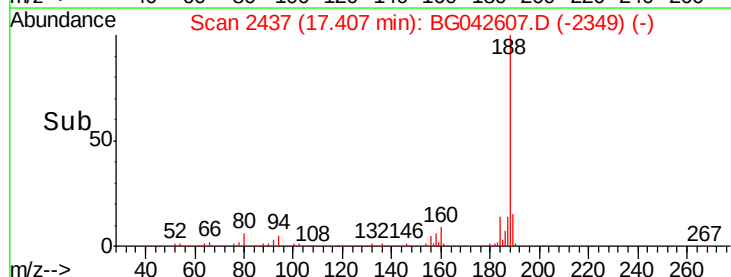
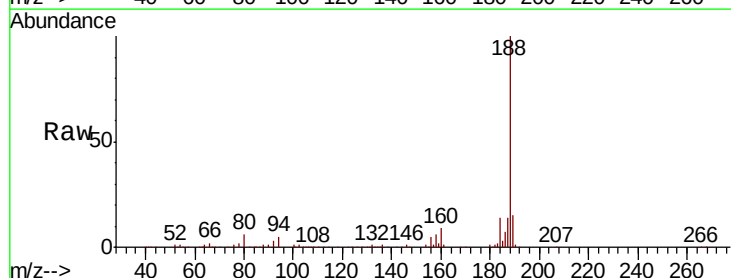
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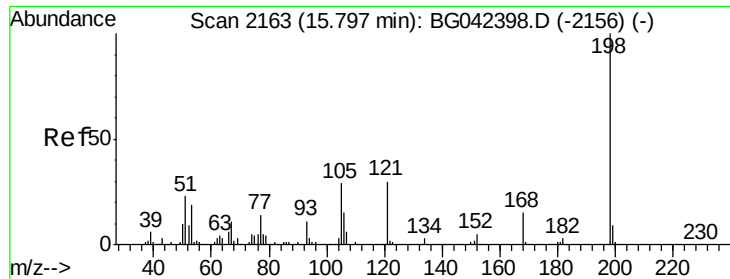
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		245755		
94	5.2	4.5	6.7		
80	5.5	4.9	7.3		





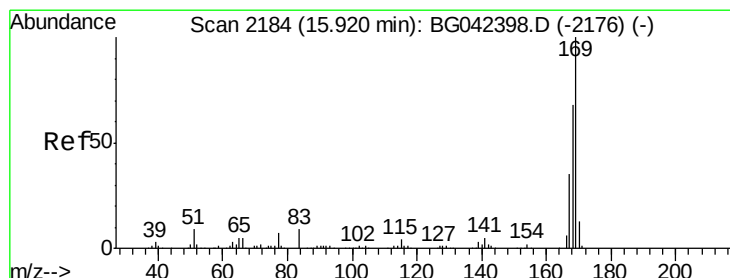
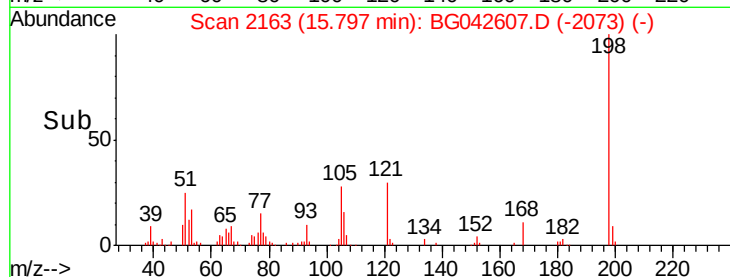
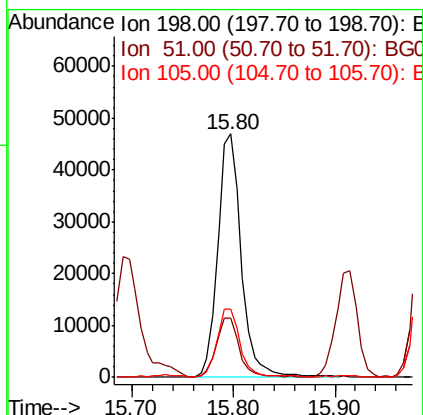
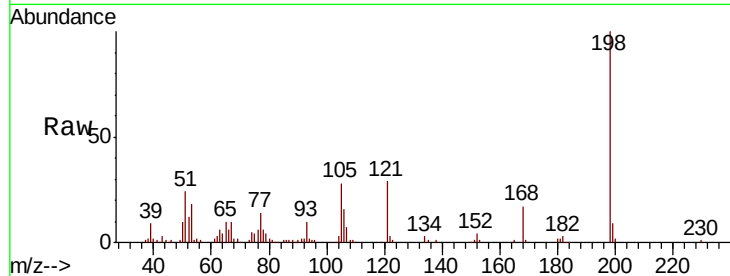
#65
4,6-Dinitro-2-methylphenol
Concen: 49.163 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	75750		
51	24.4		4.2	44.2
105	27.9		8.8	48.8

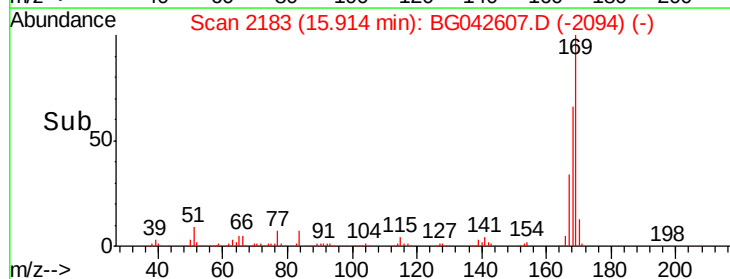
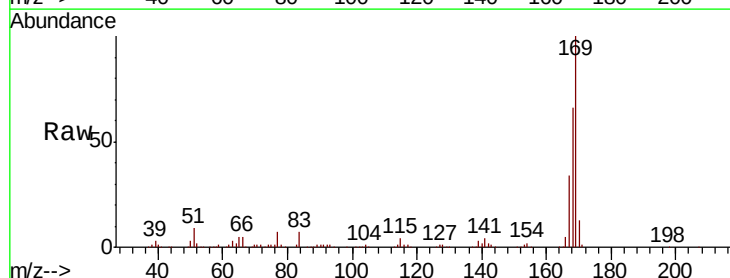
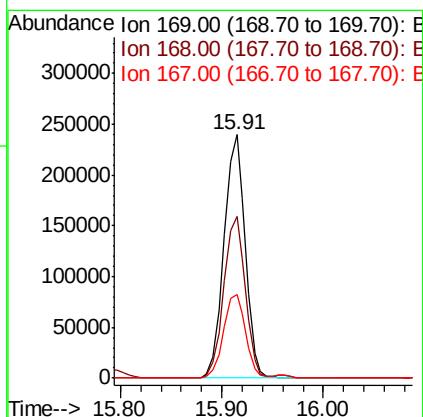
Manual Integrations
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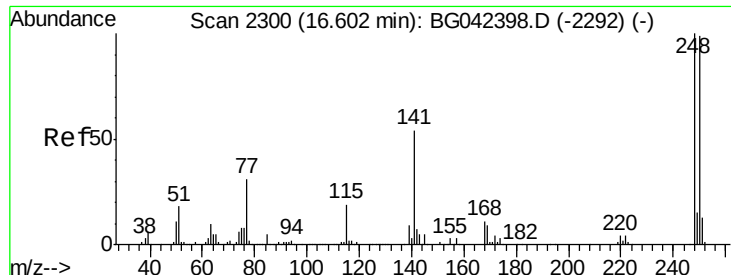
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 51.356 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	347086		
168	66.4		54.3	81.5
167	34.4		28.2	42.2





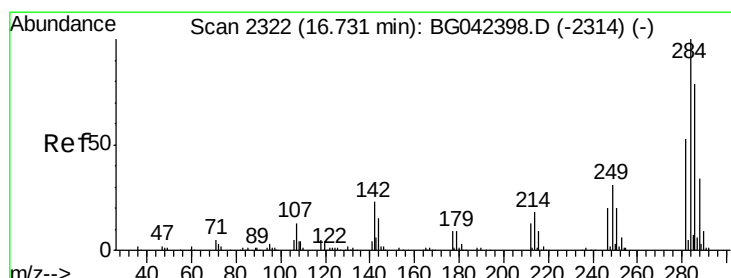
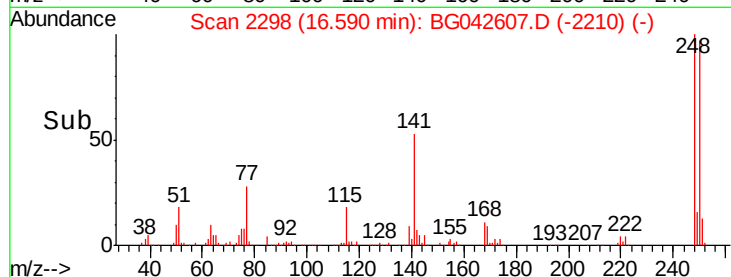
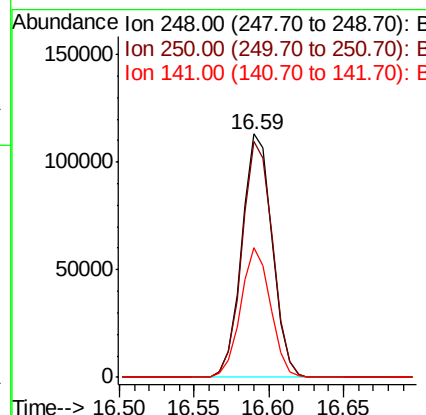
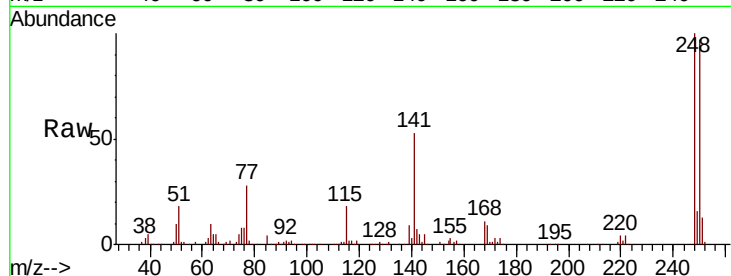
#67
 4-Bromophenyl-phenylether
 Concen: 51.335 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MS

Tot Ion:	248	Resp:	160024
Ion Ratio	Lower	Upper	
248	100		
250	96.9	78.9	118.3
141	53.1	43.3	64.9

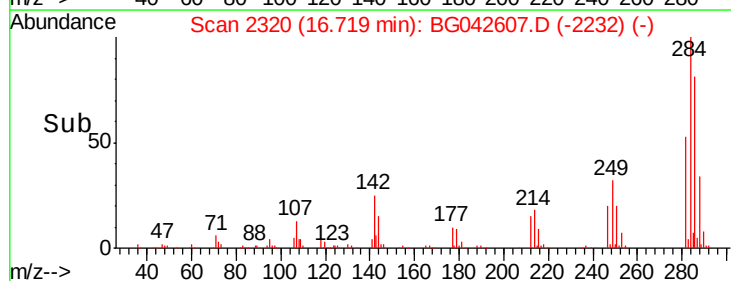
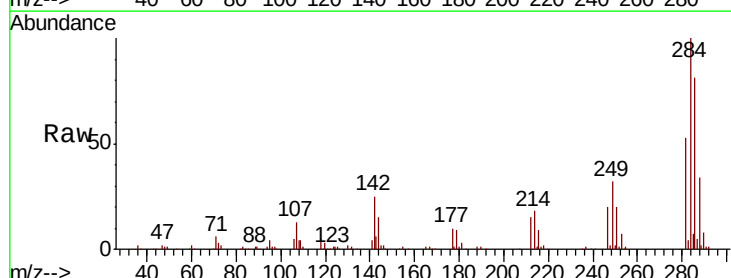
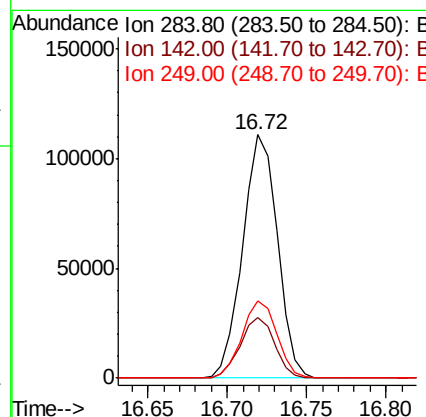
Manual Integrations
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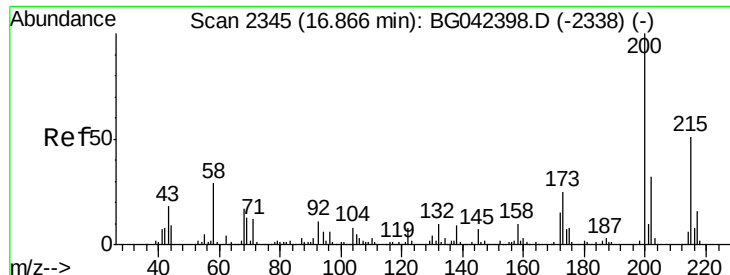
mohammad
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#68
 Hexachlorobenzene
 Concen: 49.906 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion:	284	Resp:	169115
Ion Ratio	Lower	Upper	
284	100		
142	24.6	18.2	27.4
249	31.6	25.0	37.4





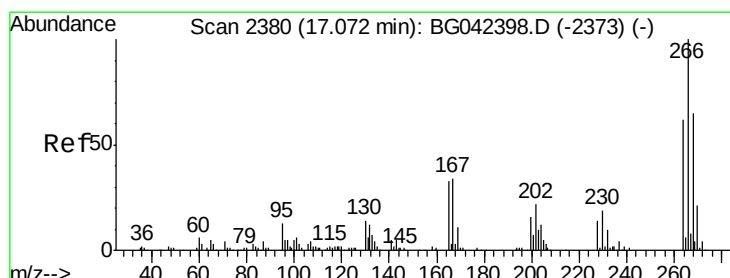
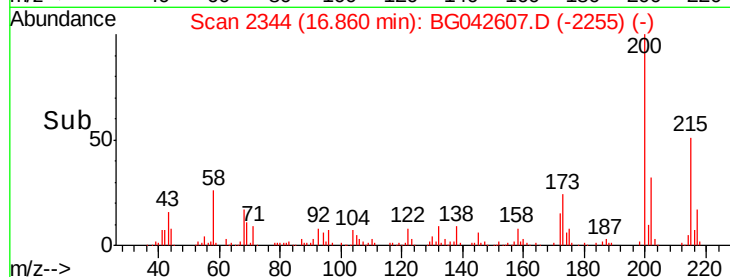
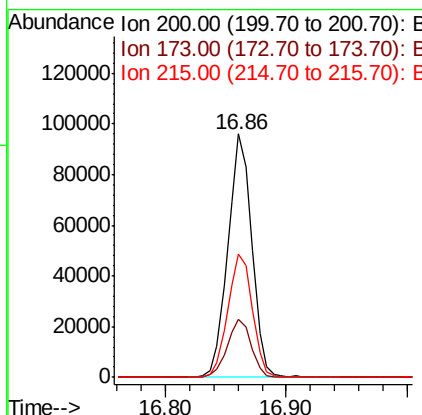
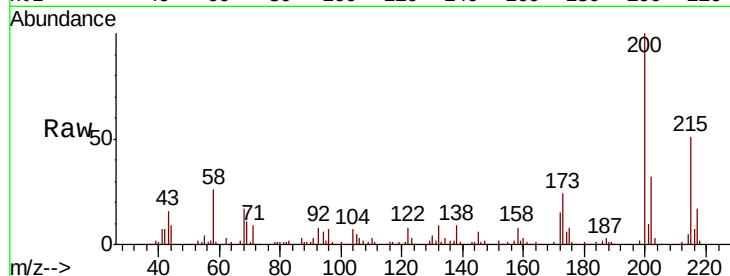
#69
 Atrazine
 Concen: 55.394 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	132391		
173	23.6	4.9	44.9	
215	50.7	30.7	70.7	

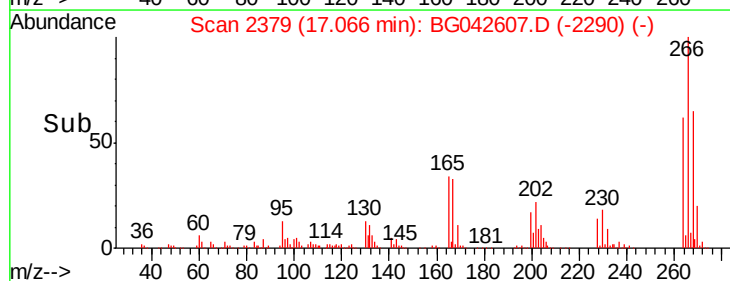
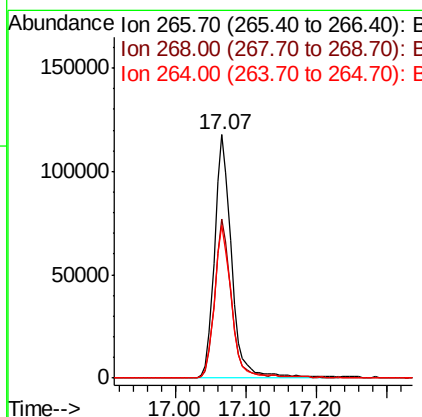
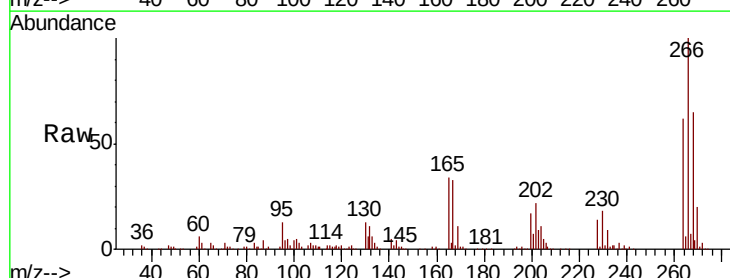
Manual Integrations
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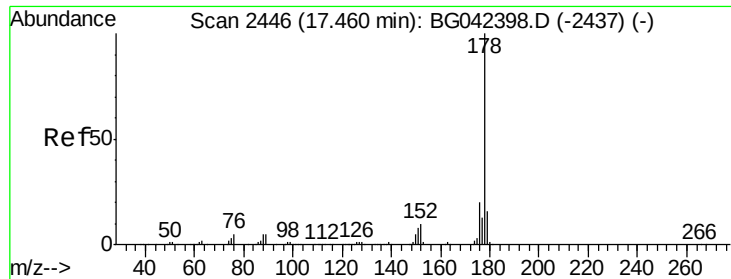
mohammad
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#70
 Pentachlorophenol
 Concen: 112.920 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	198819		
268	65.2	52.1	78.1	
264	62.5	49.4	74.2	





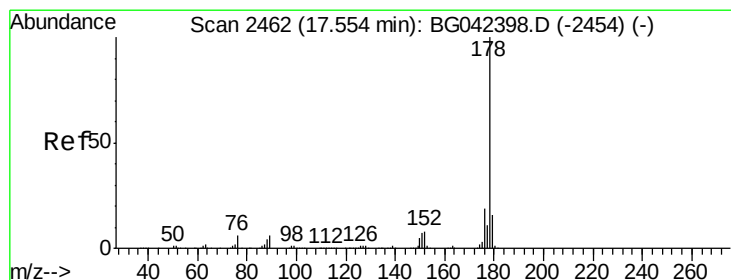
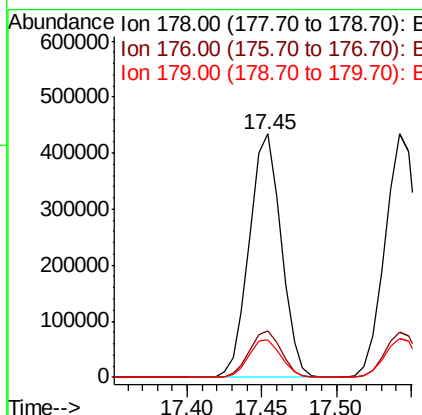
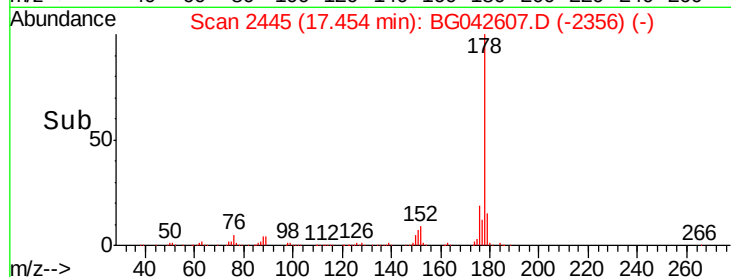
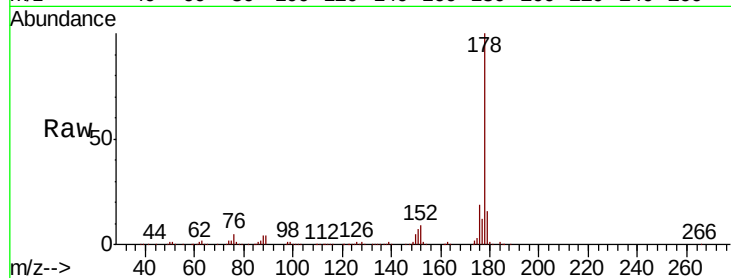
#71
Phenanthrene
Concen: 52.629 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.5	12.7	19.1

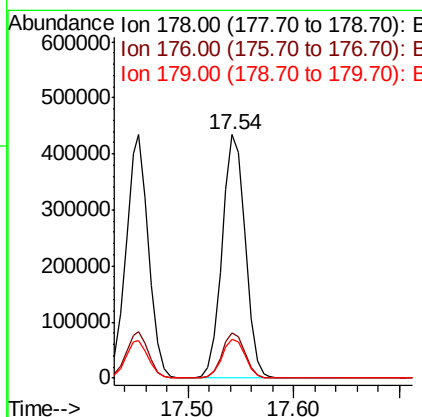
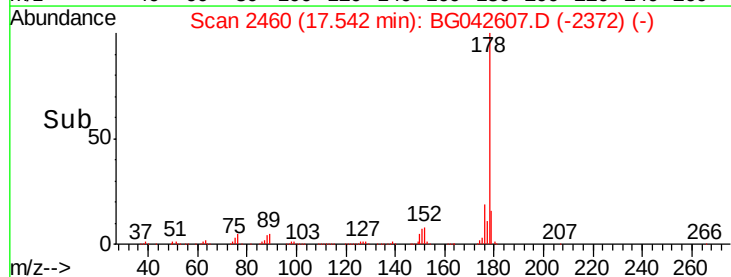
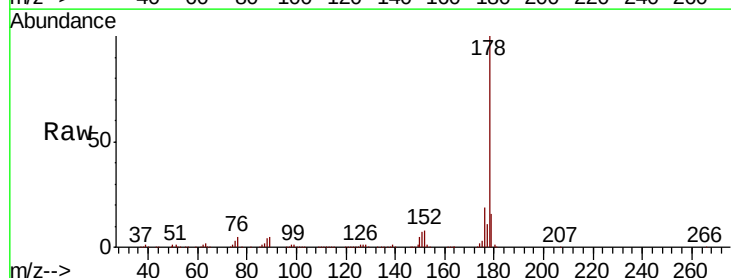
Manual Integrations
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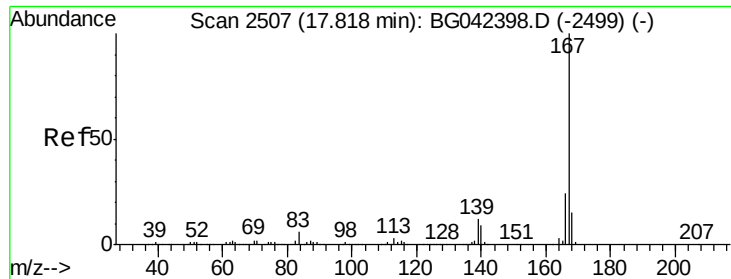
mohammad
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#72
Anthracene
Concen: 54.092 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.9	12.9	19.3





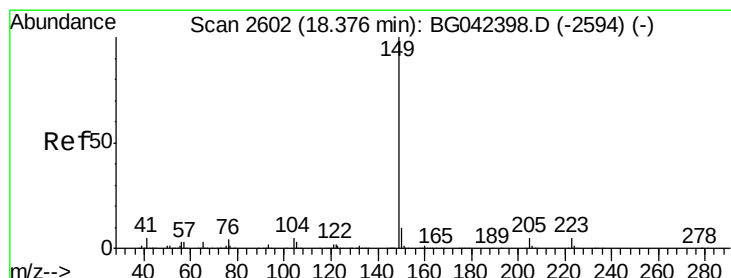
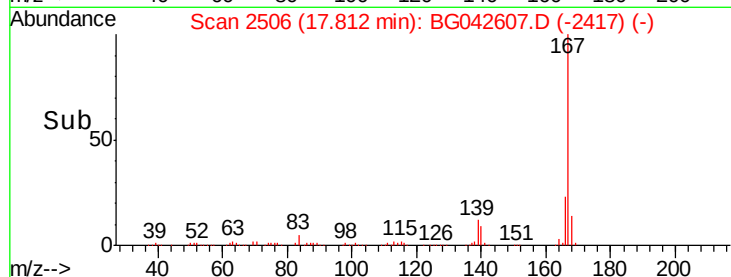
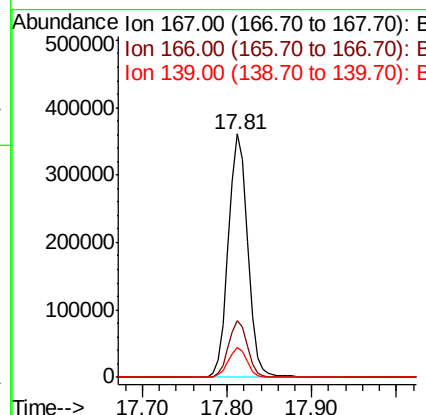
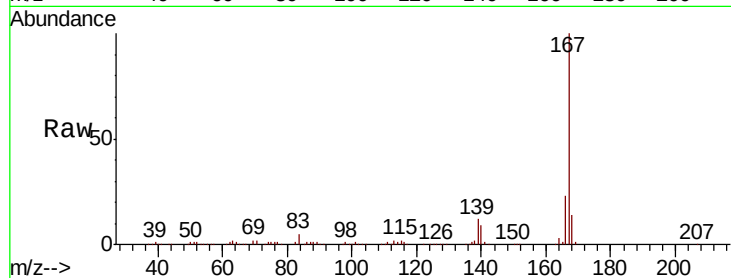
#73
 Carbazole
 Concen: 52.718 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.9	28.3
139	12.2	9.8	14.6

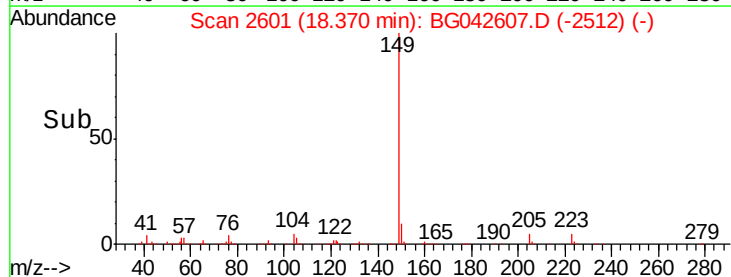
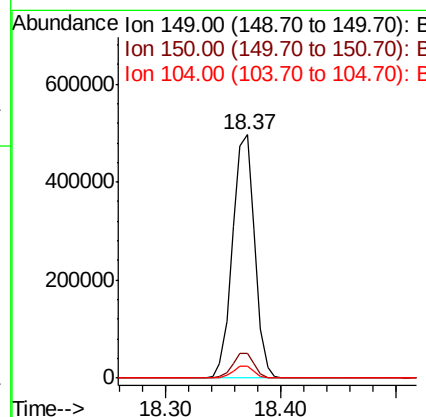
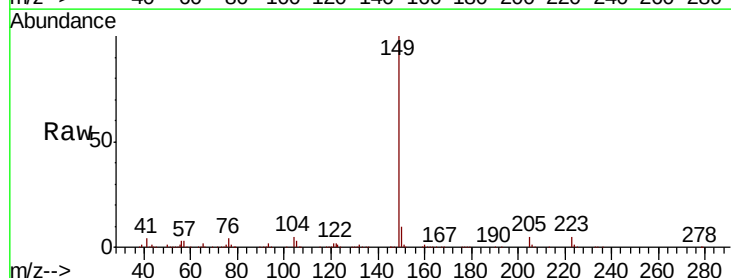
Manual Integrations
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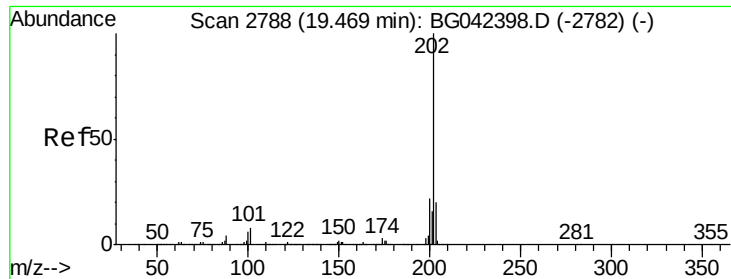
mohammad
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#74
 Di-n-butylphthalate
 Concen: 51.235 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	4.7	3.7	5.5





#75

Fluoranthene

Concen: 56.006 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

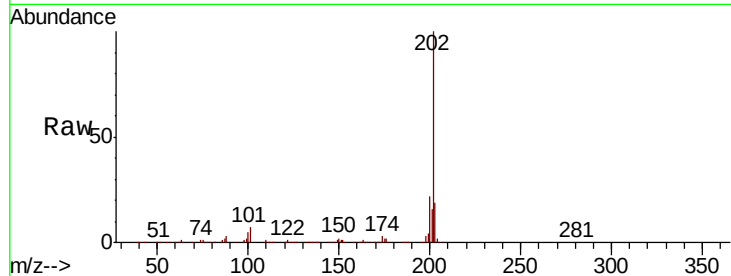
ClientSampleId :

S301-S-7.0-7.5-081919MS

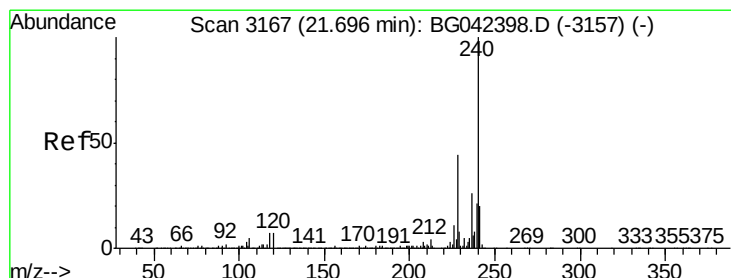
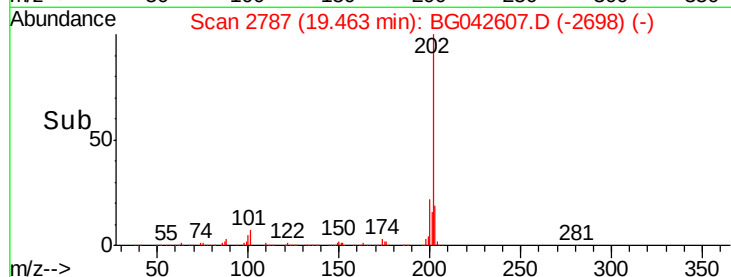
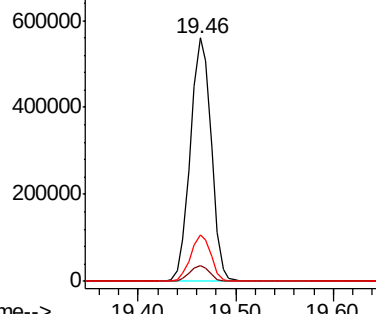
Tot Ion	Ratio	Resp	Lower	Upper
202	100	834363		
101	6.6	0.0	28.3	
203	19.3	0.0	39.6	

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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

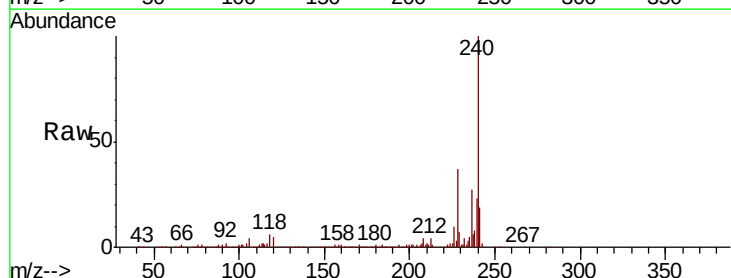
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

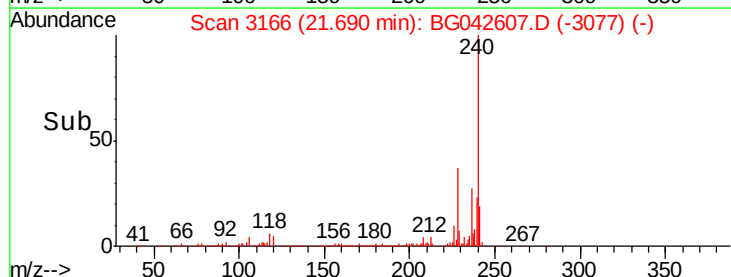
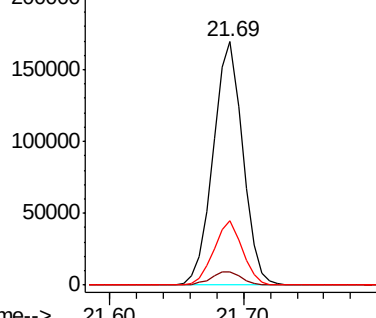
Lab File: BG042607.D

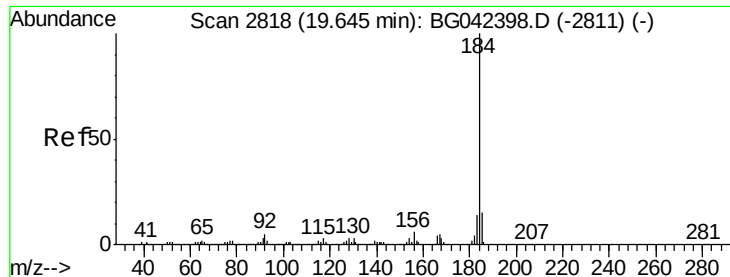
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	258733		
120	5.3	5.7	8.5#	
236	26.6	21.0	31.4	



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: 46.920 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

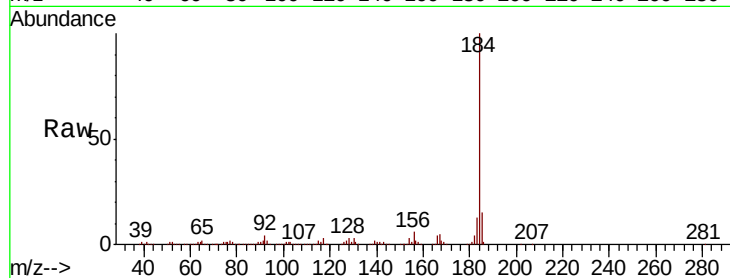
ClientSampleId :

S301-S-7.0-7.5-081919MS

Tot Ion:	184	Resp:	348052
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.2	18.4
183	13.5	10.8	16.2

Manual Integrations
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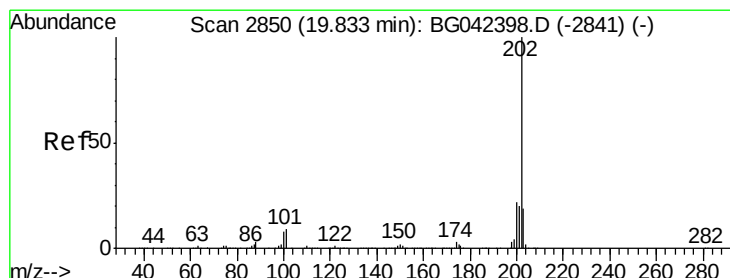
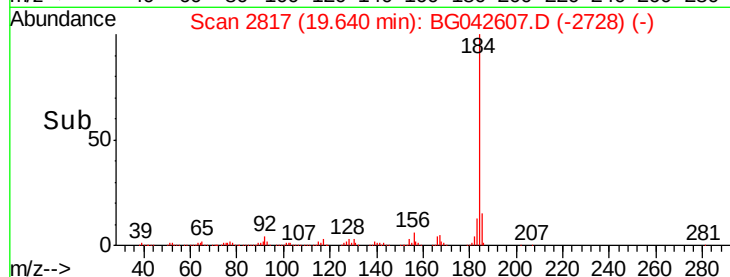
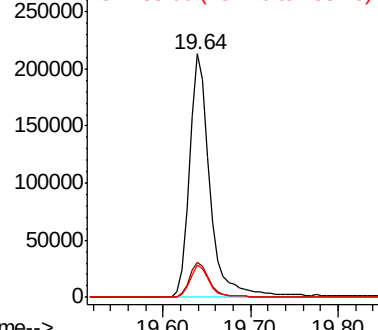


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.558 ng

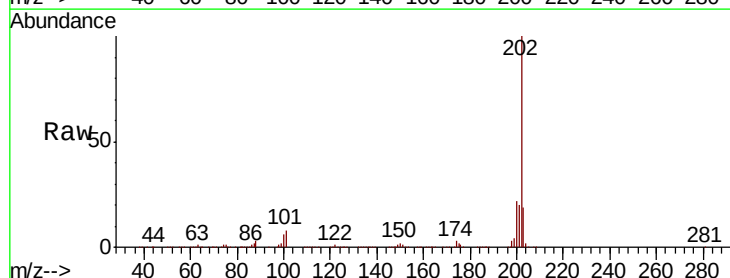
RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Tgt Ion:	202	Resp:	833724
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.8	26.6
203	19.3	15.5	23.3

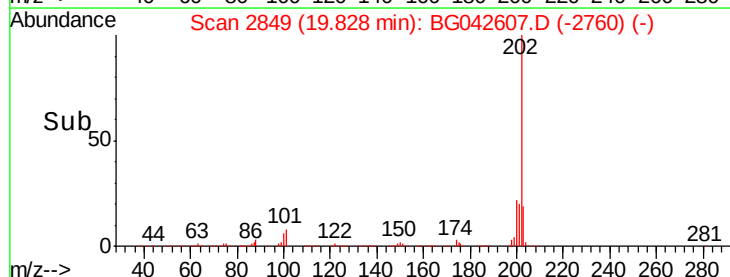
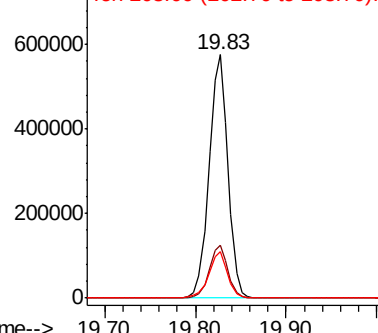


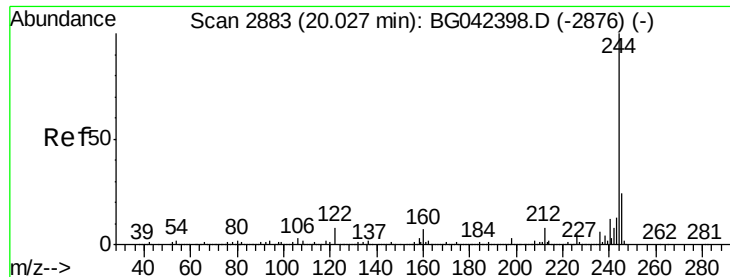
Abundance

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





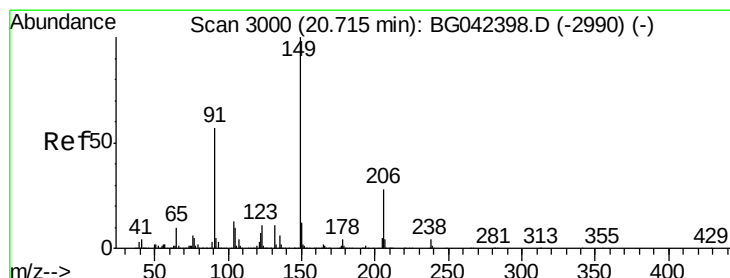
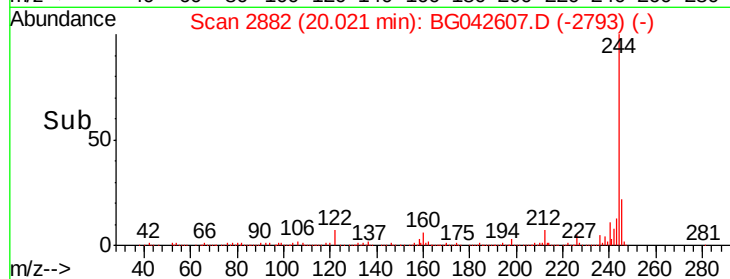
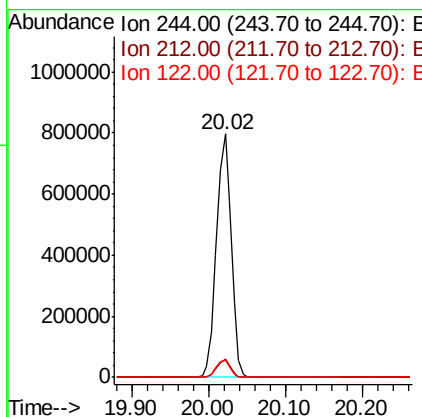
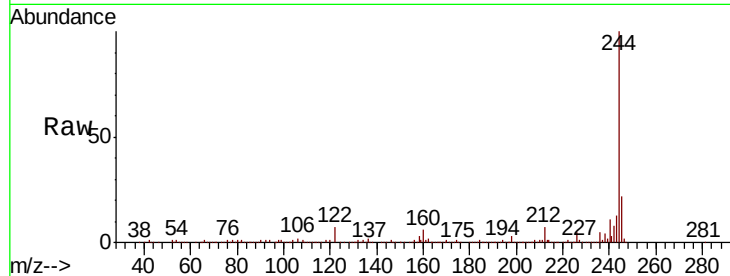
#79
 Terphenyl-d14
 Concen: 87.322 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	6.8	6.7	10.1

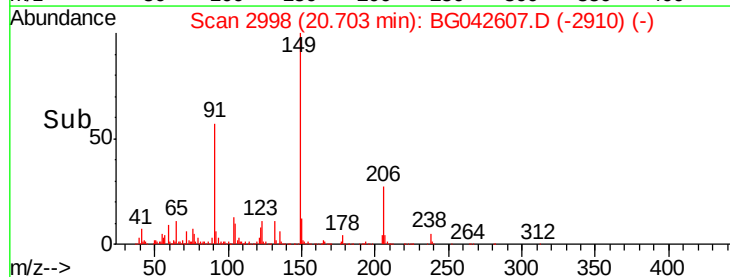
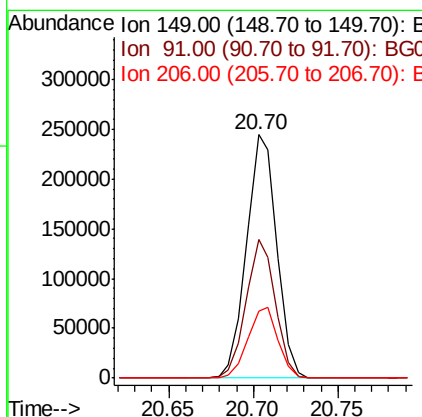
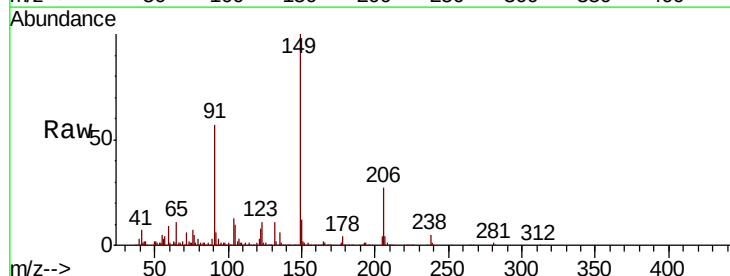
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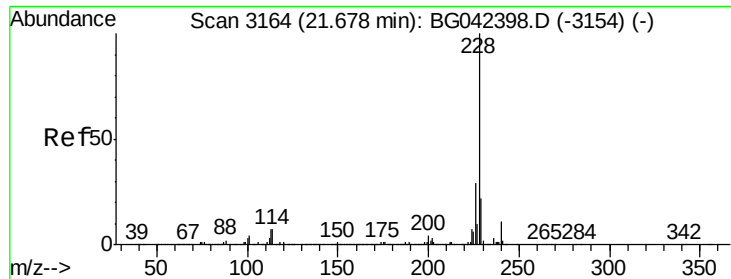
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#80
 Butylbenzylphthalate
 Concen: 48.900 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	57.2	45.9	68.9
206	27.4	22.5	33.7





#81

Benzo(a)anthracene

Concen: 53.049 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

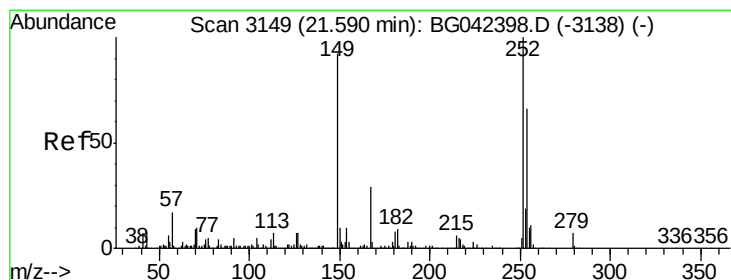
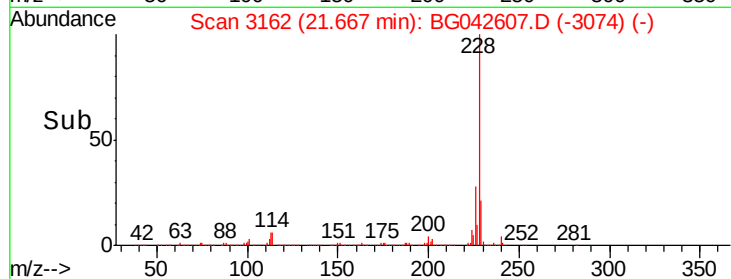
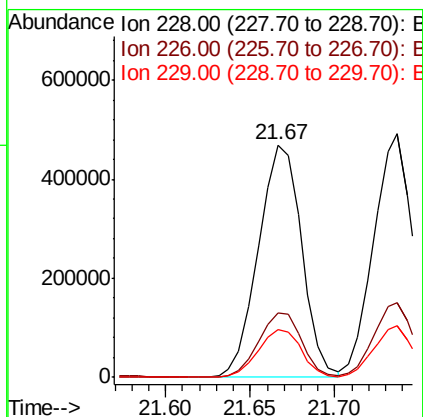
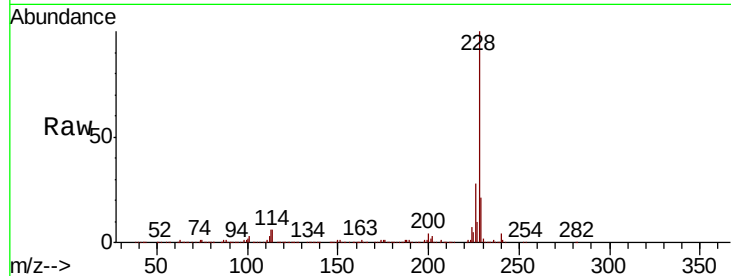
ClientSampleId :

S301-S-7.0-7.5-081919MS

Tot Ion:	228	Resp:	834949
Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.4	35.2
229	20.7	17.4	26.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 44.714 ng

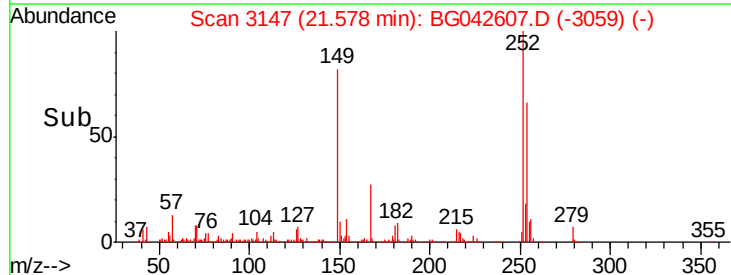
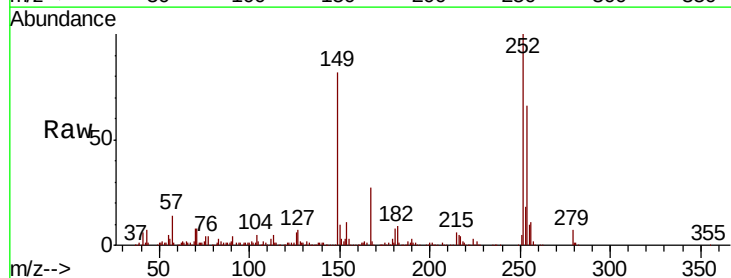
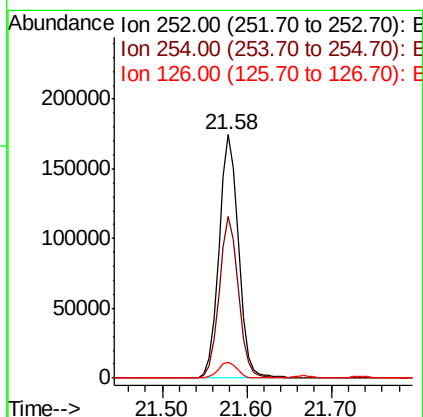
RT: 21.58 min Scan# 3147

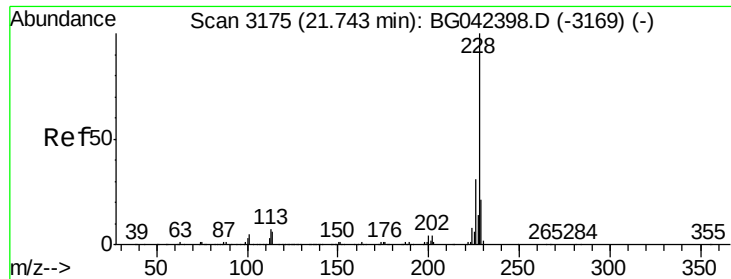
Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Tgt Ion:	252	Resp:	283044
Ion	Ratio	Lower	Upper
252	100		
254	66.3	53.0	79.4
126	6.3	5.7	8.5





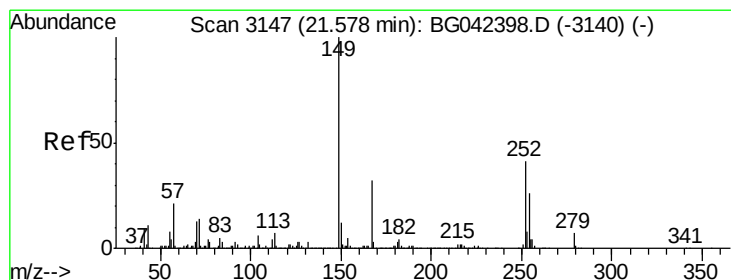
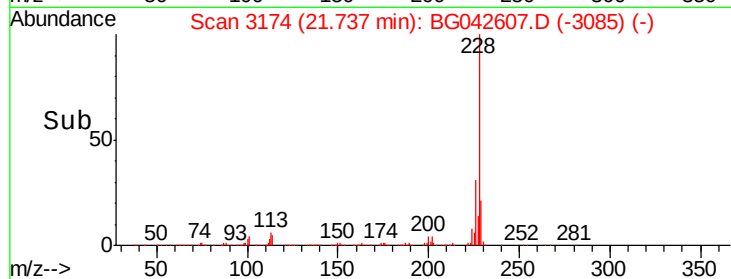
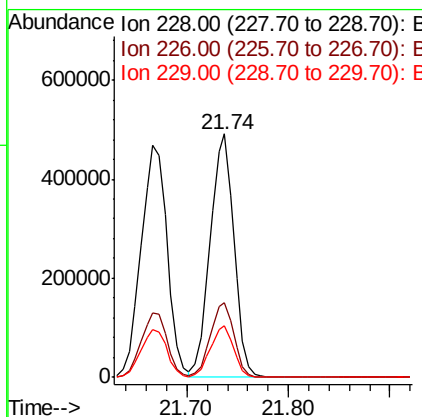
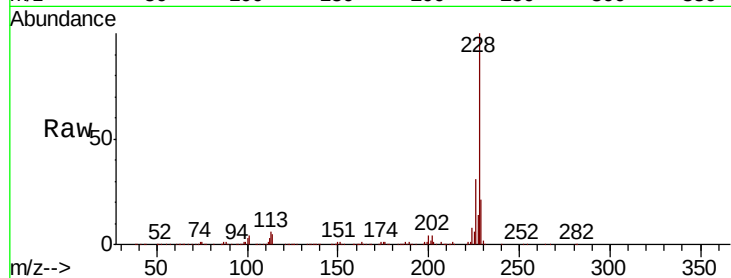
#83
Chrysene
Concen: 52.496 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.3	16.9	25.3

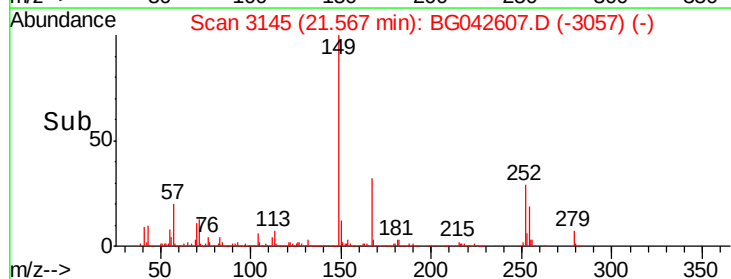
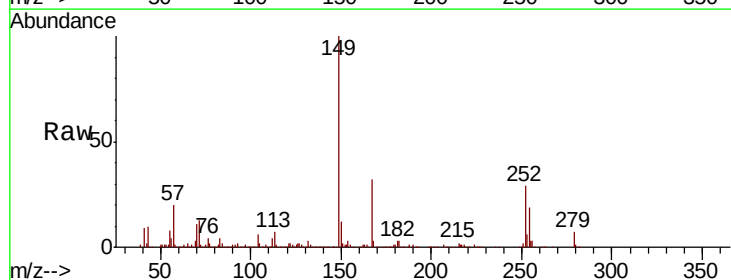
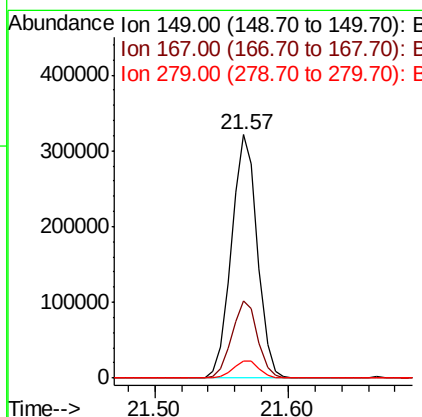
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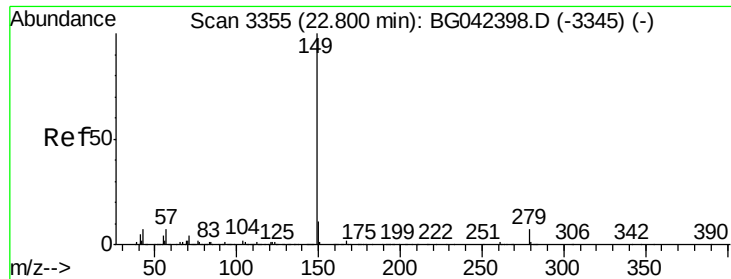
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.036 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.7	26.0	39.0
279	7.0	5.4	8.0





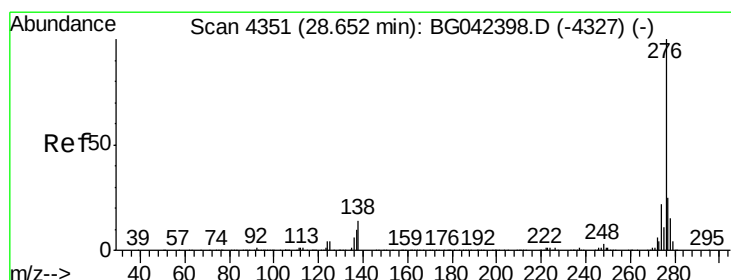
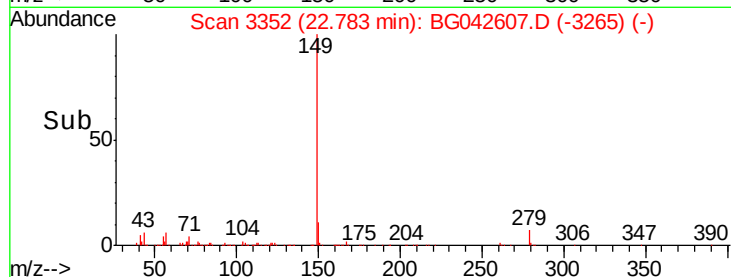
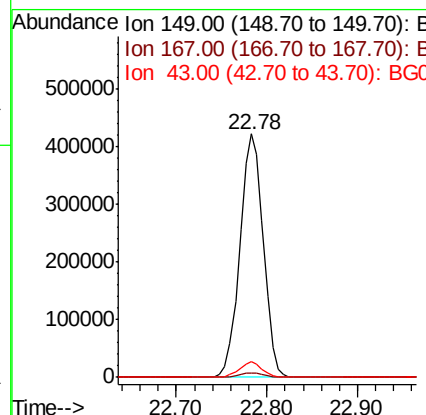
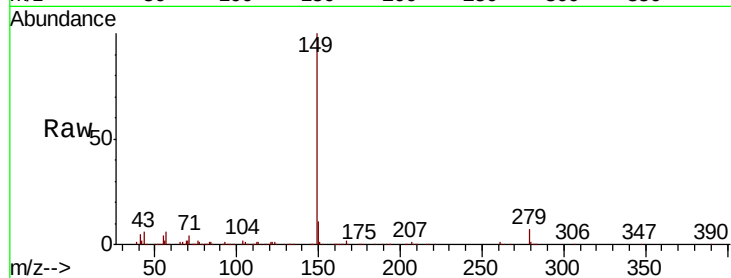
#85
Di-n-octyl phthalate
Concen: 50.640 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.6	2.4	
43	6.2	5.3	7.9	

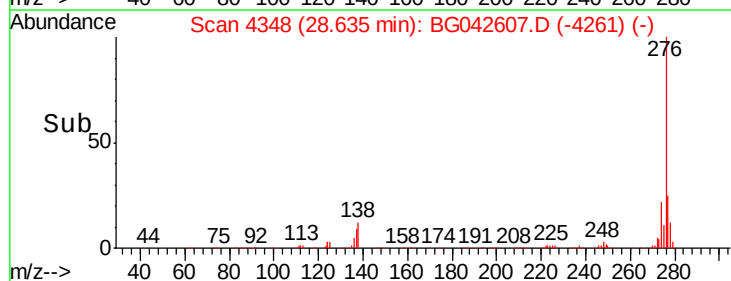
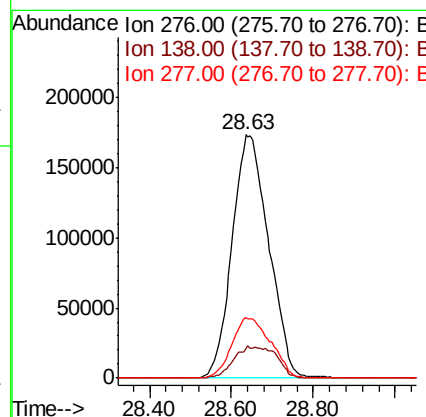
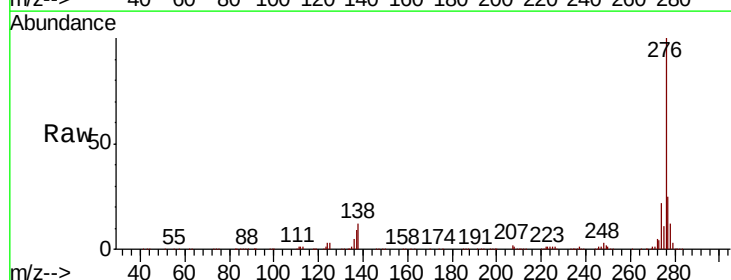
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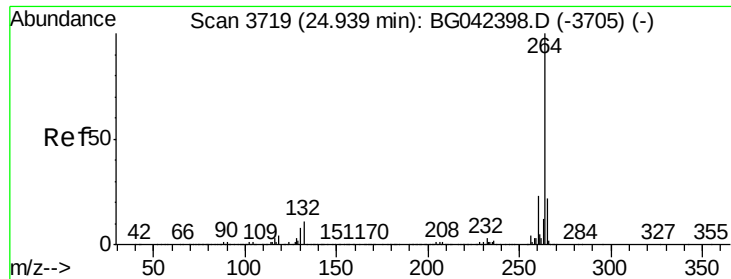
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#86
Indeno(1,2,3-cd)pyrene
Concen: 52.086 ng
RT: 28.63 min Scan# 4348
Delta R.T. -0.02 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	7.1	9.2	13.8#	
277	26.3	21.0	31.6	





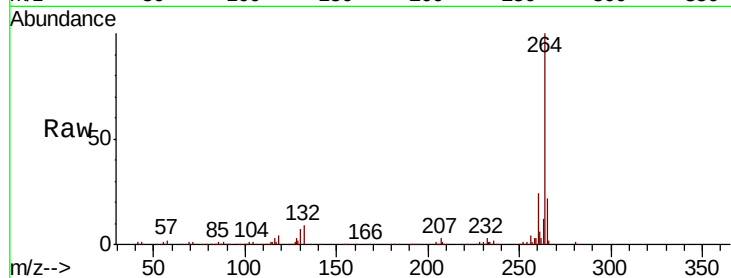
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.8	17.6	26.4

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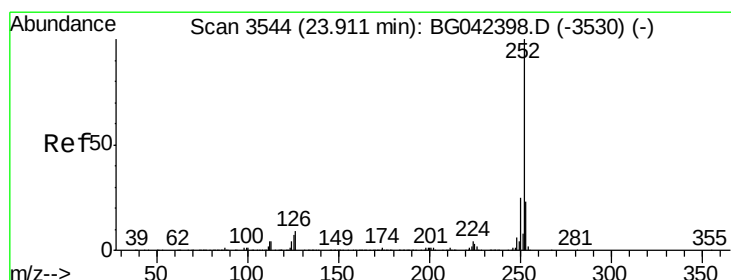
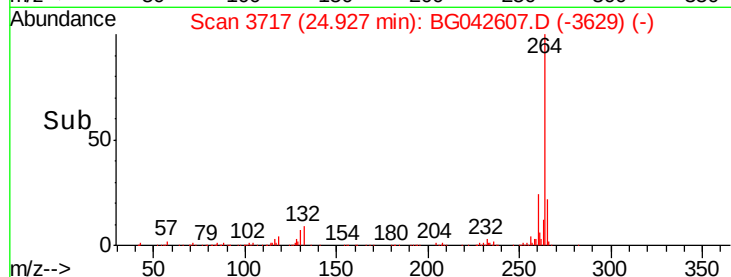
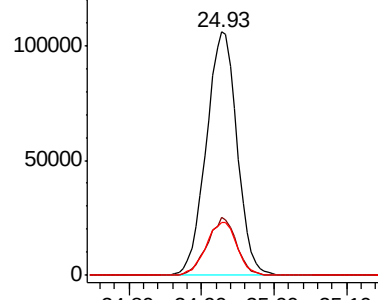


Abundance

Ion 264.00 (263.70 to 264.70): E

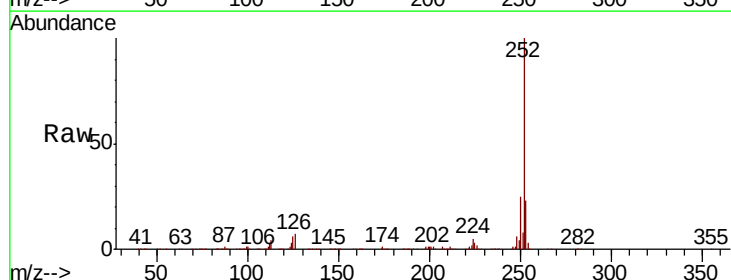
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 53.665 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	5.7	5.6	8.4

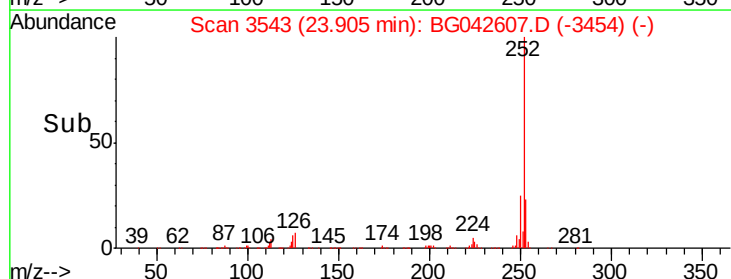
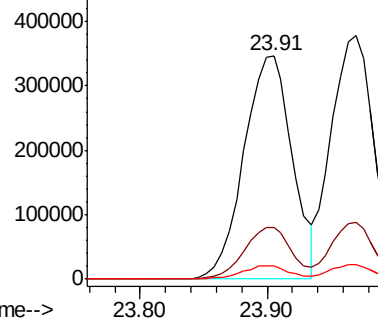


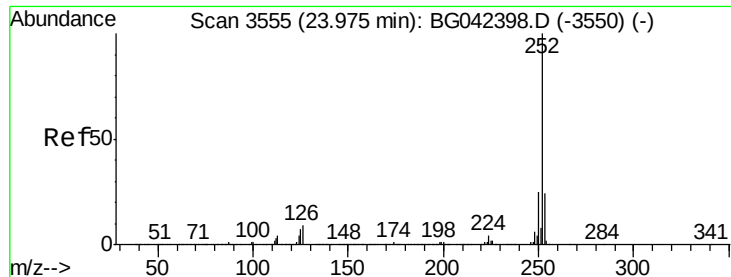
Abundance

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





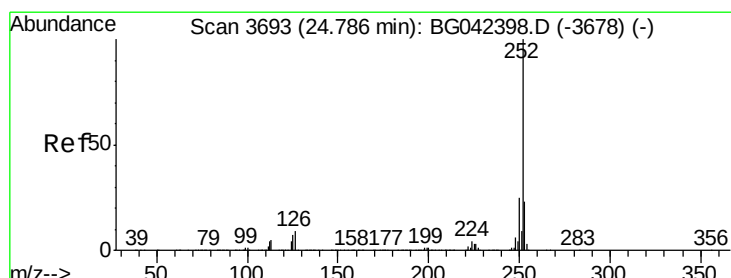
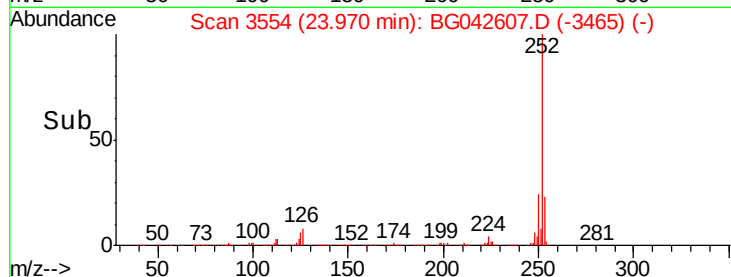
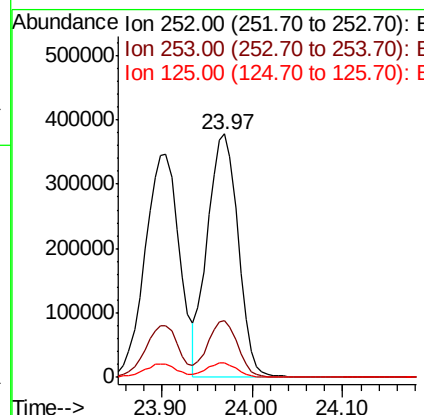
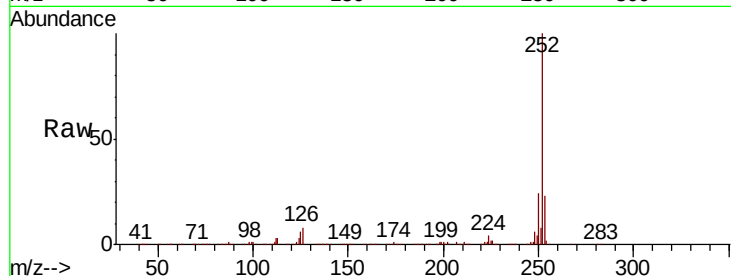
#89
Benzo(k)fluoranthene
Concen: 53.894 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	27.8
125	5.9	5.8	8.6

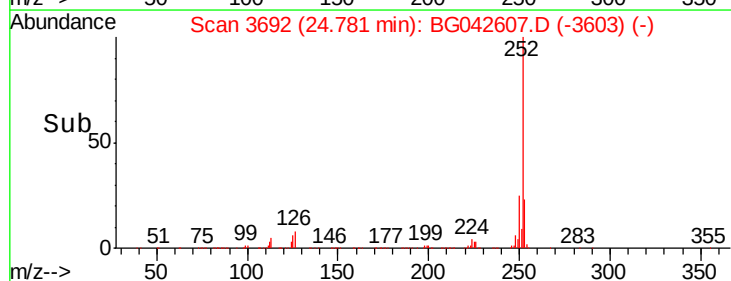
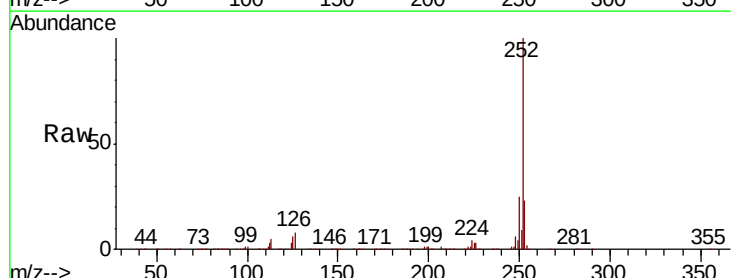
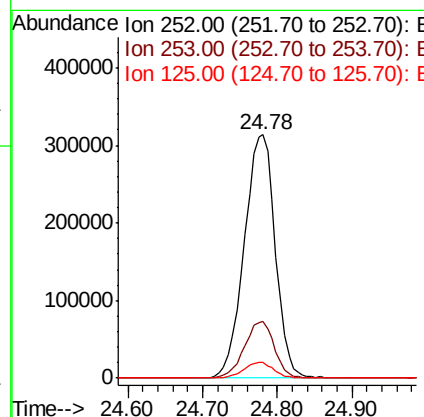
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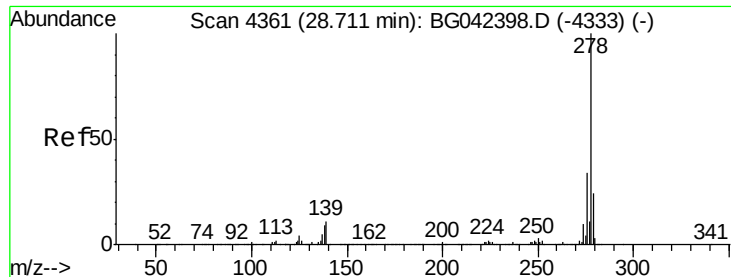
mohammad
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#90
Benzo(a)pyrene
Concen: 55.614 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	6.5	6.0	9.0





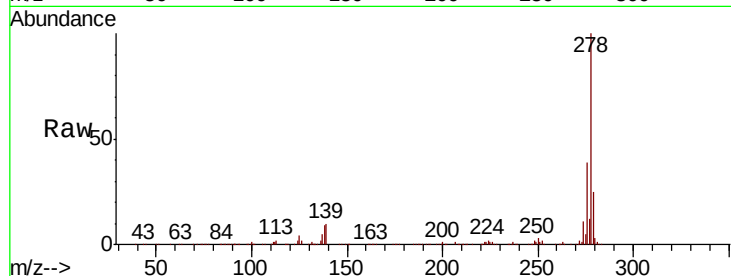
#91
Dibenzo(a,h)anthracene
Concen: 53.581 ng
RT: 28.70 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.6	8.8	13.2
279	25.1	19.1	28.7

Manual Integrations
APPROVED

mohammad
8/31/2019 2:42:47 PM

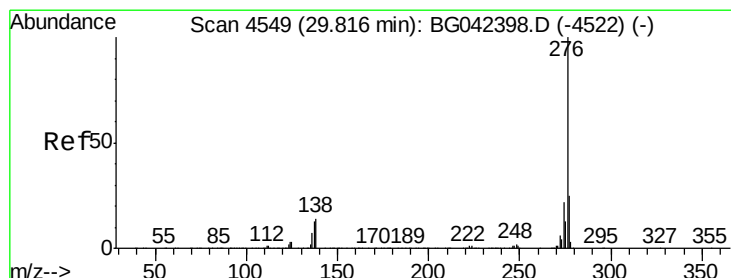
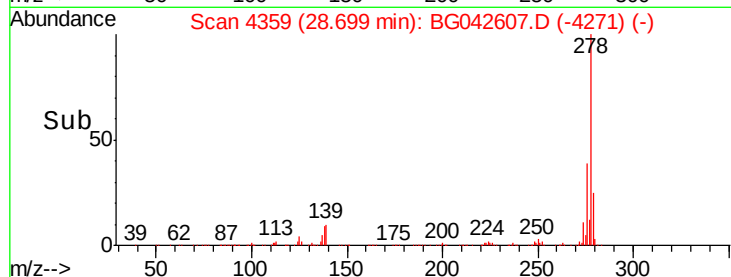
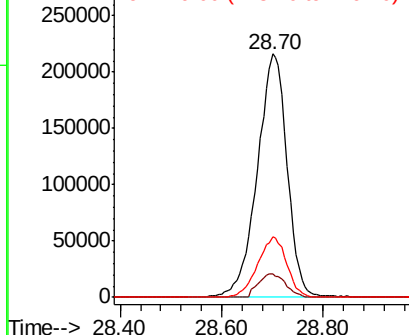


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 54.786 ng
RT: 29.80 min Scan# 4546
Delta R.T. -0.02 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.8
138	11.9	11.4	17.0

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

