

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046196.D
 Acq On : 7 Aug 2020 16:54
 Operator : CG/JU
 Sample : L3594-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

Manual Integrations
 APPROVED

mohammad
 8/10/2020 3:43:40 PM

Quant Time: Aug 07 17:40:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	104039	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	403346	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	278754	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	678823	20.00	ng	0.00
76) Chrysene-d12	21.57	240	729107	20.00	ng	0.00
86) Perylene-d12	24.67	264	793825	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	485645	81.15	ng	0.00
7) Phenol-d6	7.12	99	621385	76.18	ng	0.00
23) Nitrobenzene-d5	9.11	82	392287	52.66	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	411378	96.08	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1002607	52.25	ng	0.00
79) Terphenyl-d14	19.93	244	1718246	48.00	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	98587	36.191	ng	95
3) Pyridine	3.83	79	221799	29.577	ng	95
4) n-Nitrosodimethylamine	3.75	42	116885	36.623	ng	92
6) Aniline	7.27	93	239224	24.639	ng	99
8) 2-Chlorophenol	7.52	128	291630	44.087	ng	95
9) Benzaldehyde	7.09	77	188023	38.847	ng	98
10) Phenol	7.14	94	355742	43.408	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	264179	40.527	ng	99
12) 1,3-Dichlorobenzene	7.84	146	331882	41.392	ng	97
13) 1,4-Dichlorobenzene	7.98	146	331986	41.234	ng	99
14) 1,2-Dichlorobenzene	8.31	146	318592	41.957	ng	99
15) Benzyl Alcohol	8.18	79	241398	42.840	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	401570	37.575	ng	96
17) 2-Methylphenol	8.40	107	248773	44.964	ng	98
18) Hexachloroethane	9.04	117	111443	41.387	ng	98
19) n-Nitroso-di-n-propylamine	8.75	70	207412	39.072	ng	98
20) 3+4-Methylphenols	8.72	107	339657	44.852	ng	96
22) Acetophenone	8.77	105	407292	39.347	ng	96
24) Nitrobenzene	9.15	77	297214	37.420	ng	96
25) Isophorone	9.67	82	573203	38.668	ng	99
26) 2-Nitrophenol	9.86	139	172712	47.979	ng	99
27) 2,4-Dimethylphenol	9.92	122	269279	45.979	ng	100
28) bis(2-Chloroethoxy)methane	10.15	93	353836	43.899	ng	98
29) 2,4-Dichlorophenol	10.39	162	314334	45.627	ng	100
30) 1,2,4-Trichlorobenzene	10.61	180	328356	40.686	ng	97
31) Naphthalene	10.80	128	840660	39.390	ng	99
32) Benzoic acid	10.01	122	73380m	23.112	ng	
33) 4-Chloroaniline	10.90	127	175938	20.174	ng	95
34) Hexachlorobutadiene	11.10	225	213537	39.746	ng	99
35) Caprolactam	11.67	113	123889	54.942	ng	94
36) 4-Chloro-3-methylphenol	12.03	107	310051	45.860	ng	97
37) 2-Methylnaphthalene	12.40	142	661075	40.256	ng	98
38) 1-Methylnaphthalene	12.63	142	627946	40.409	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	386069	38.439	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	502395	87.208	nq	99
43) 2,4,6-Trichlorophenol	13.01	196	308252	48.106	nq	96
44) 2,4,5-Trichlorophenol	13.08	196	327630	46.861	nq	96
46) 1,1'-Biphenyl	13.41	154	856643	39.175	nq	99
47) 2-Chloronaphthalene	13.45	162	667957	38.294	nq	98
48) 2-Nitroaniline	13.65	65	192495	42.102	nq	92
49) Acenaphthylene	14.30	152	1073501	39.634	nq	98
50) Dimethylphthalate	14.04	163	1012587	47.329	nq	99
51) 2,6-Dinitrotoluene	14.15	165	205469	41.265	nq	89
52) Acenaphthene	14.64	154	671048	37.539	nq	98
53) 3-Nitroaniline	14.47	138	115318	23.361	nq	97
54) 2,4-Dinitrophenol	14.68	184	57167	23.587	nq	97
55) Dibenzofuran	14.98	168	1037860	38.477	nq	99
56) 4-Nitrophenol	14.79	139	402525	93.921	nq	96
57) 2,4-Dinitrotoluene	14.93	165	291749	42.616	nq	91
58) Fluorene	15.63	166	862530	39.485	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	358153	54.386	nq	96
60) Diethylphthalate	15.40	149	870783	41.374	nq	98
61) 4-Chlorophenyl-phenylether	15.62	204	470498	41.239	nq	95
62) 4-Nitroaniline	15.64	138	224059	45.131	nq	99
63) Azobenzene	15.91	77	740707	37.552	nq	97
65) 4,6-Dinitro-2-methylphenol	15.70	198	100919	22.479	nq	90
66) n-Nitrosodiphenylamine	15.83	169	804058	39.131	nq	97
67) 4-Bromophenyl-phenylether	16.52	248	343031	40.904	nq	94
68) Hexachlorobenzene	16.63	284	383992	40.834	nq	97
69) Atrazine	16.78	200	311880	39.417	nq	99
70) Pentachlorophenol	16.97	266	444861	72.910	nq	99
71) Phenanthrene	17.36	178	1439312	38.707	nq	99
72) Anthracene	17.45	178	1478782	39.981	nq	98
73) Carbazole	17.72	167	1403144	39.342	nq	98
74) Di-n-butylphthalate	18.29	149	1545036	41.444	nq	98
75) Fluoranthene	19.37	202	1831279	39.447	nq	99
77) Benzidine	19.55	184	927455	44.908	nq	99
78) Pyrene	19.73	202	1844419	37.650	nq	97
80) Butylbenzylphthalate	20.62	149	753027	42.433	nq	97
81) Benzo(a)anthracene	21.55	228	1874111	38.410	nq	99
82) 3,3'-Dichlorobenzidine	21.46	252	414491	20.457	nq	99
83) Chrysene	21.62	228	1778745	37.215	nq	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	1053065	41.507	nq	98
85) Di-n-octyl phthalate	22.65	149	1812111	42.184	nq	99
87) Indeno(1,2,3-cd)pyrene	28.19	276	2468438	40.773	nq	# 95
88) Benzo(b)fluoranthene	23.69	252	2037497	38.302	nq	98
89) Benzo(k)fluoranthene	23.76	252	2005010	38.427	nq	99
90) Benzo(a)pyrene	24.53	252	1916766	38.722	nq	99
91) Dibenzo(a,h)anthracene	28.25	278	2023493	39.982	nq	99
92) Benzo(g,h,i)perylene	29.29	276	2071441	40.527	nq	99

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

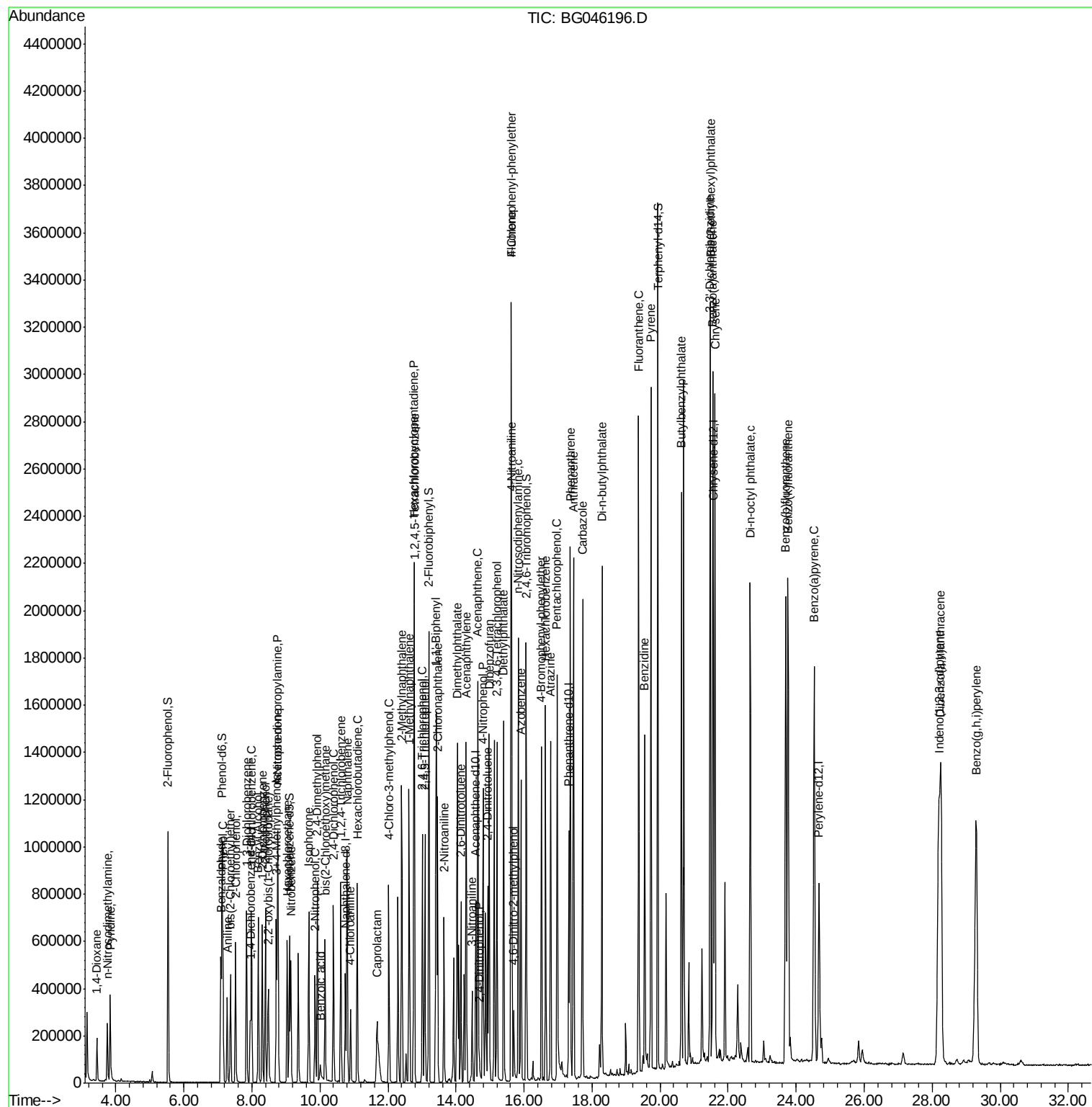
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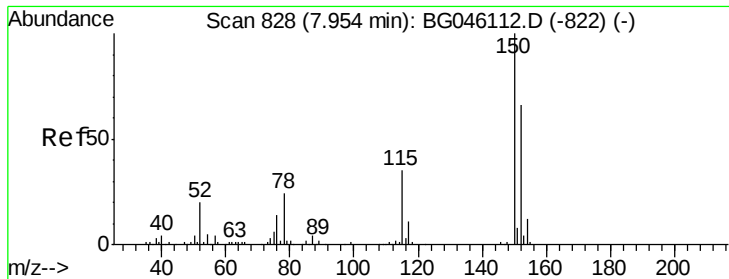
Instrument :
 BNA_G
 ClientSampled :
 TP-2MSD

Manual Integrations
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#1

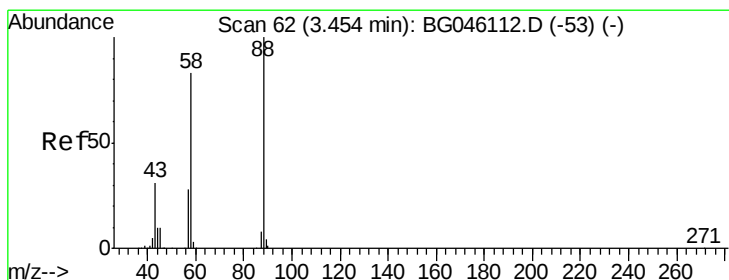
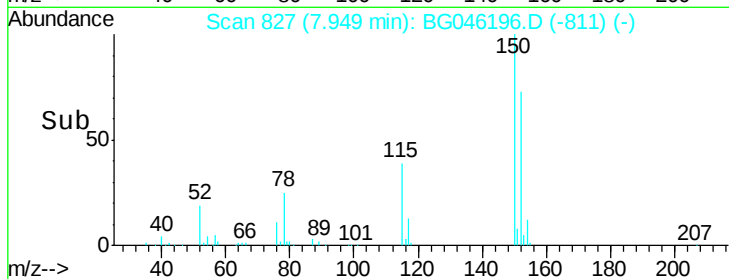
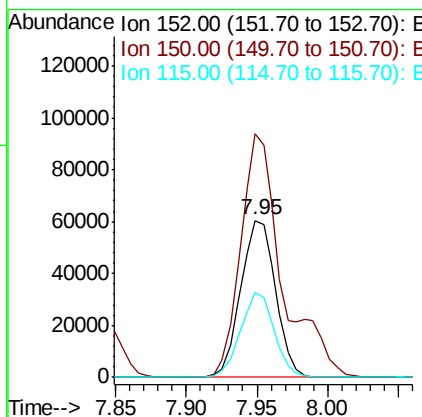
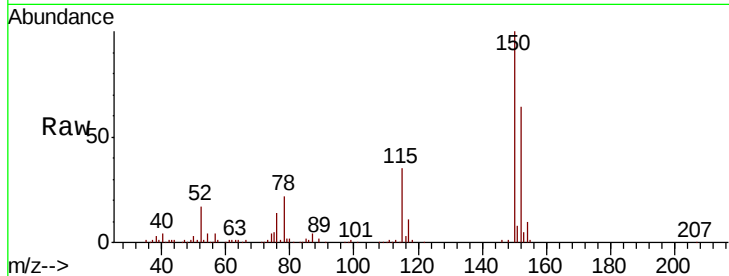
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.1	183.1
115	53.8	43.2	64.8

Manual Integrations
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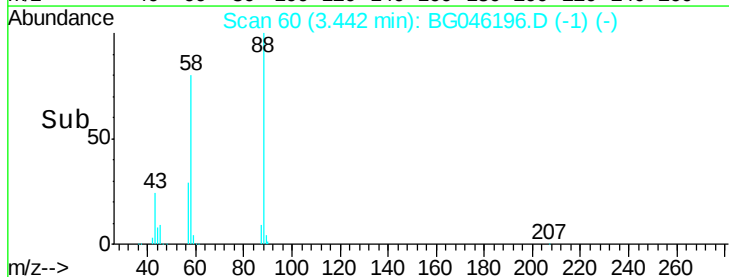
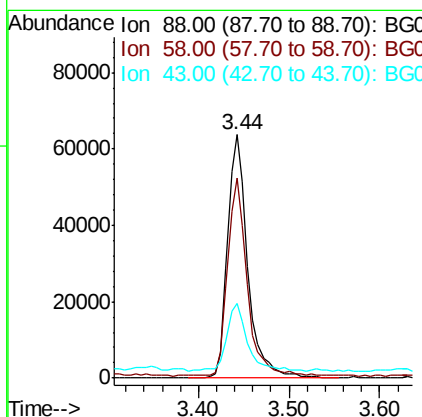
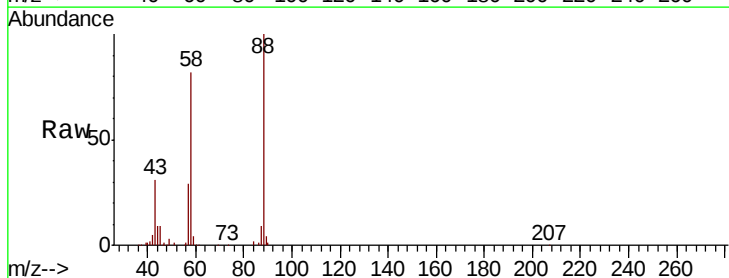
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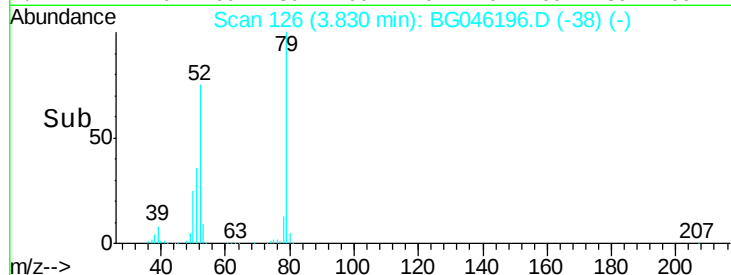
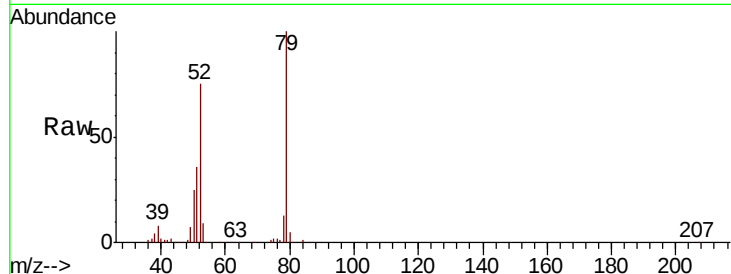
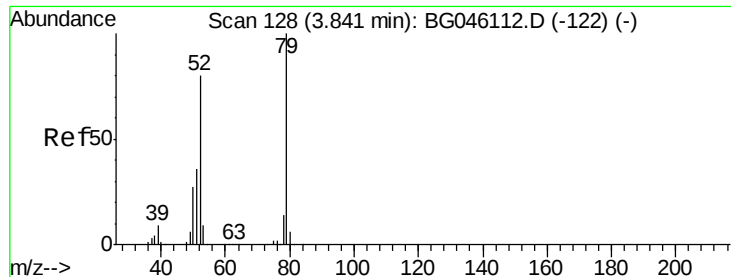


#2

1,4-Dioxane
Concen: 36.191 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.2	66.5	99.7
43	28.2	23.8	35.8





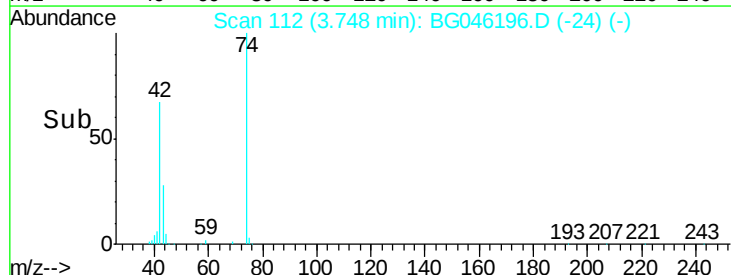
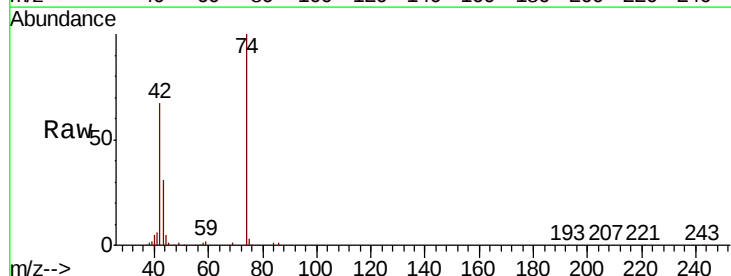
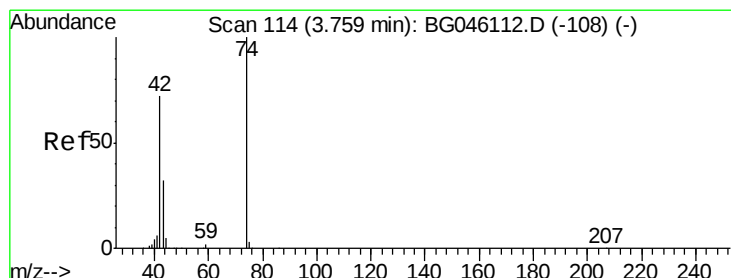
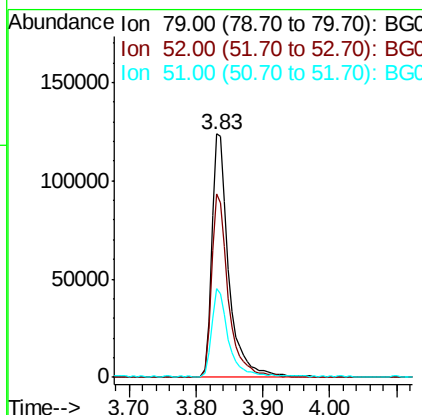
#3
 Pvridine
 Concen: 29.577 ng
 RT: 3.83 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.1	64.3	96.5
51	36.4	29.8	44.6

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

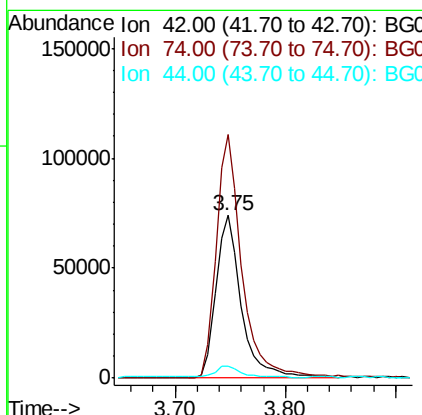
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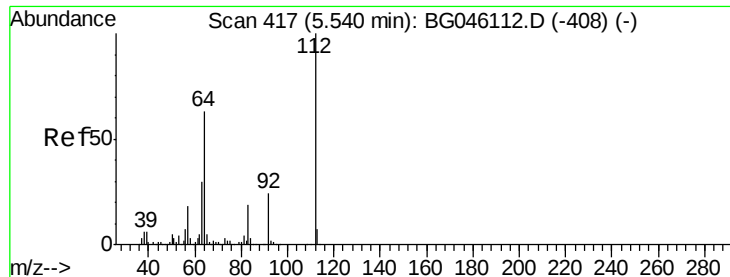
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#4
 n-Nitrosodimethylamine
 Concen: 36.623 ng
 RT: 3.75 min Scan# 112
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.6	111.6	167.4
44	7.6	5.7	8.5





#5

2-Fluorophenol

Concen: 81.146 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

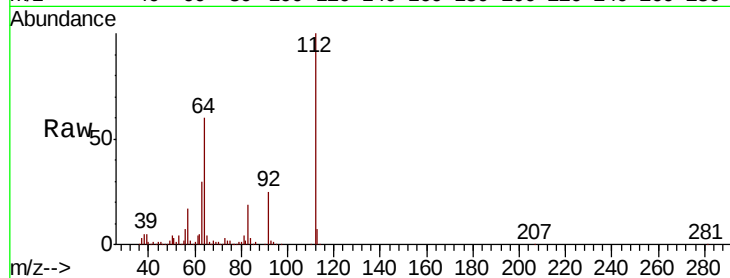
ClientSampleId :

TP-2MSD

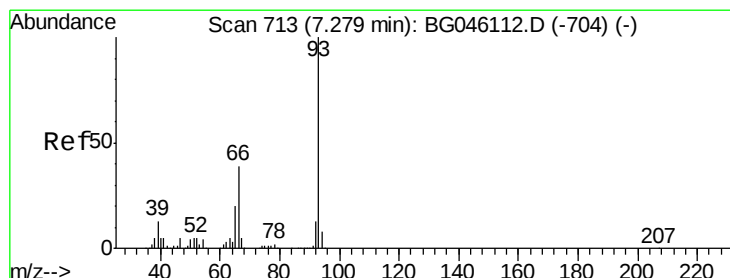
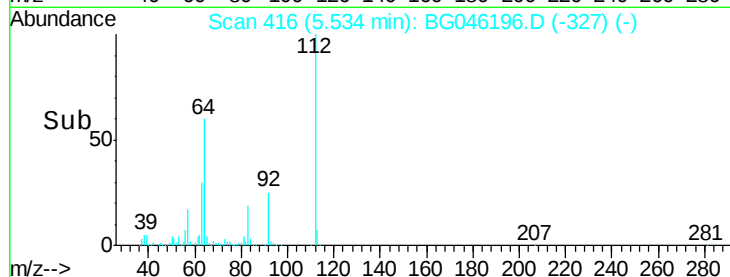
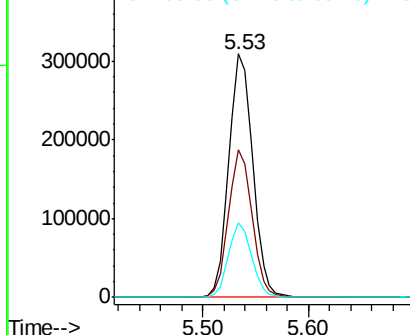
Tot Ion:	112	Resp:	485645
Ion Ratio	Lower	Upper	
112	100		
64	60.4	50.2	75.2
63	30.4	24.2	36.4

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



#6

Aniline

Concen: 24.639 ng

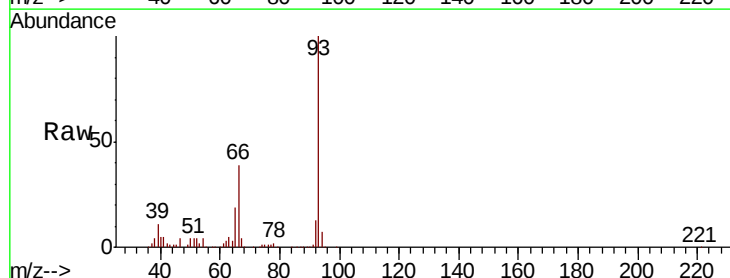
RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

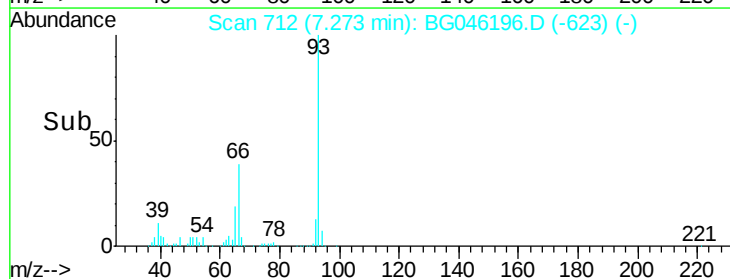
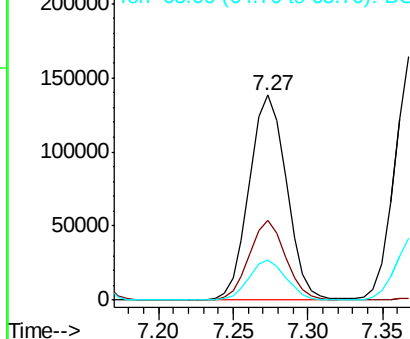
Lab File: BG046196.D

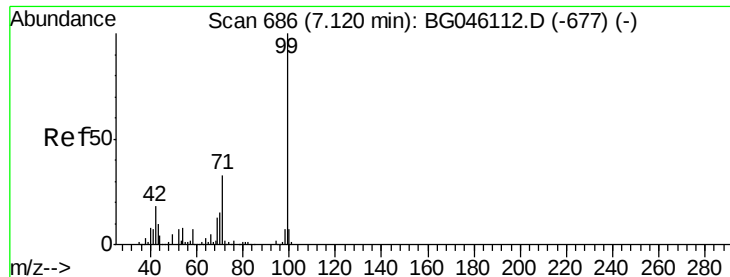
Acq: 7 Aug 2020 16:54

Tgt Ion:	93	Resp:	239224
Ion Ratio	Lower	Upper	
93	100		
66	39.3	31.0	46.4
65	19.5	15.9	23.9



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





#7

Phenol-d6

Concen: 76.182 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

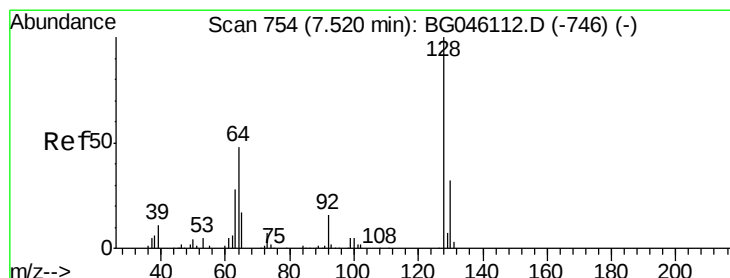
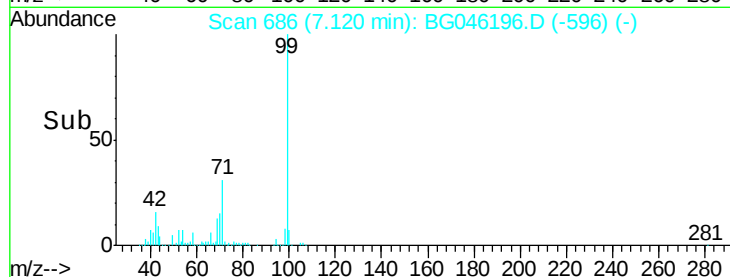
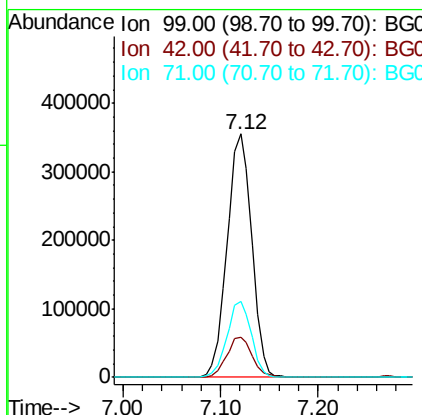
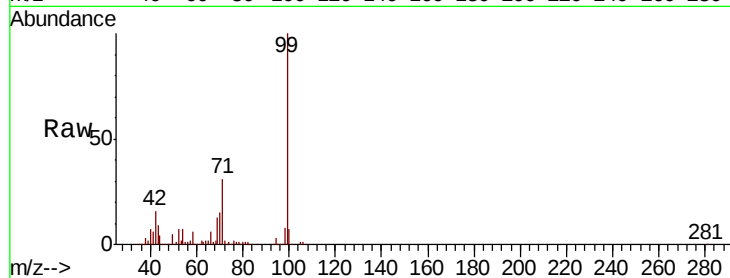
ClientSampleId :

TP-2MSD

Tot Ion:	99	Resp:	621385
Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.7	22.1
71	31.2	26.5	39.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.087 ng

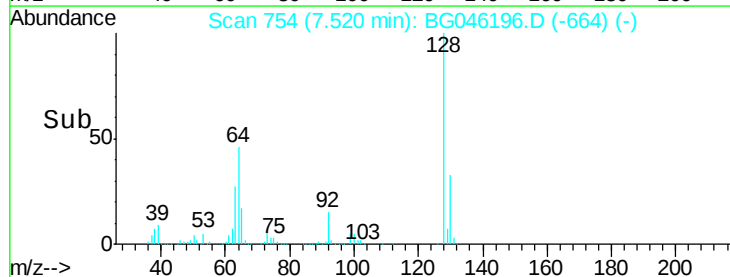
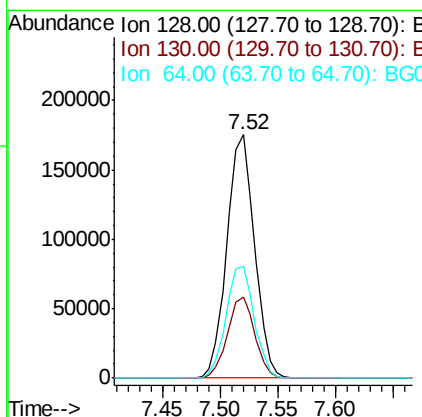
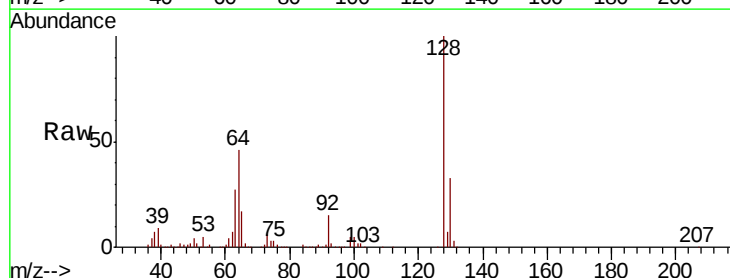
RT: 7.52 min Scan# 754

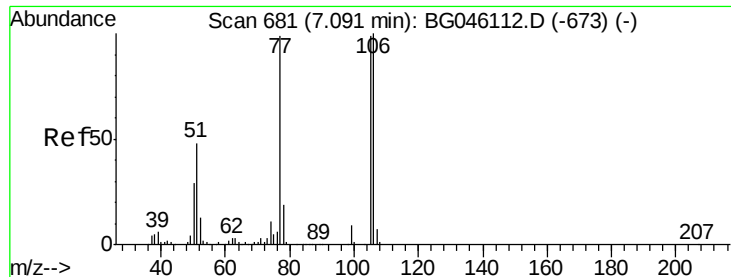
Delta R.T. 0.00 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Tgt Ion:	128	Resp:	291630
Ion	Ratio	Lower	Upper
128	100		
130	33.3	11.6	51.6
64	46.1	30.6	70.6





#9

Benzaldehyde

Concen: 38.847 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

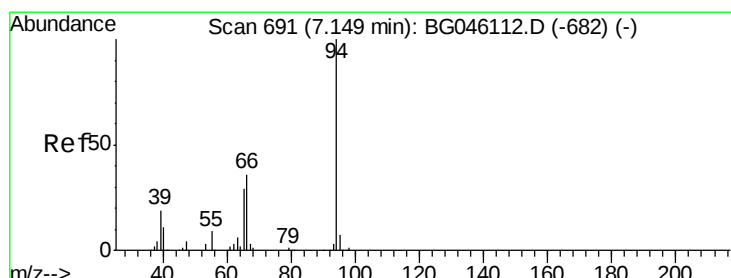
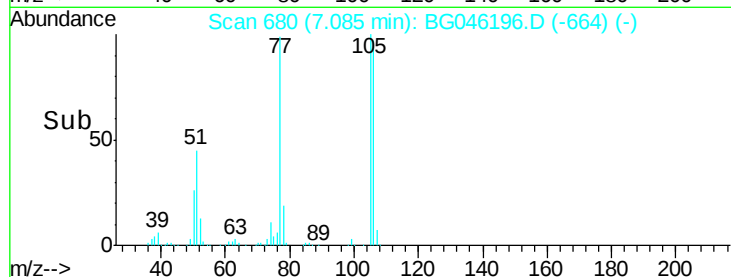
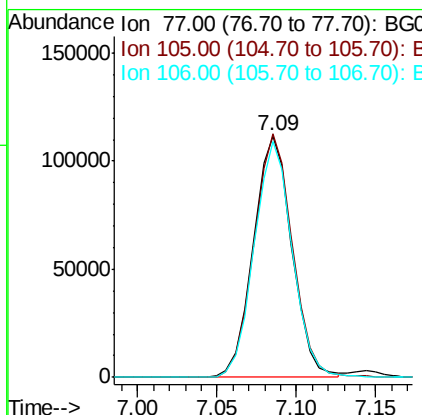
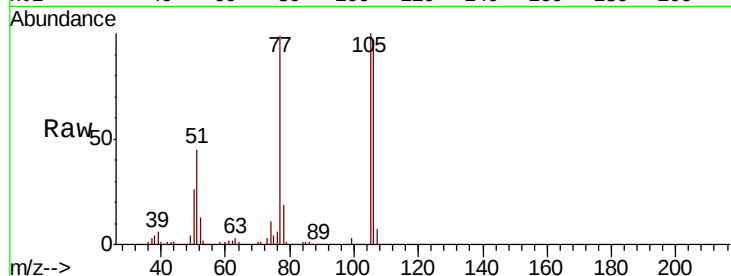
ClientSampleId :

TP-2MSD

Tot Ion:	77	Resp:	188023
Ion	Ratio	Lower	Upper
77	100		
105	100.9	80.3	120.3
106	98.0	81.5	121.5

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#10

Phenol

Concen: 43.408 ng

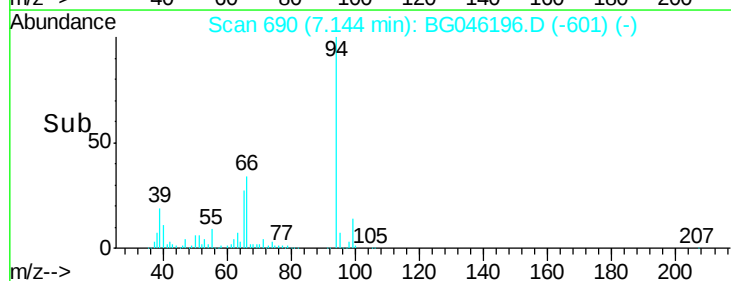
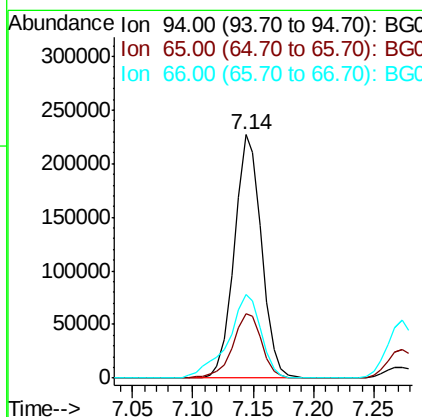
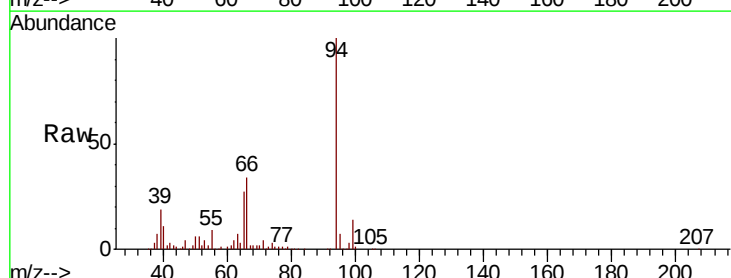
RT: 7.14 min Scan# 690

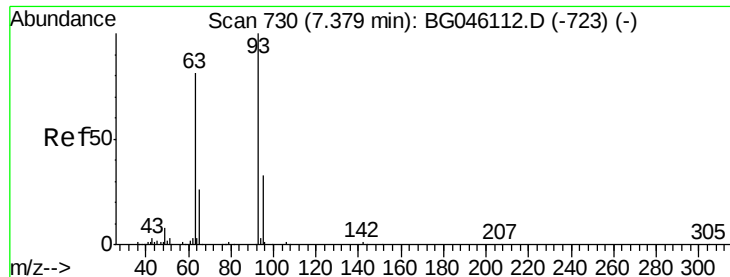
Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Tgt Ion:	94	Resp:	355742
Ion	Ratio	Lower	Upper
94	100		
65	26.7	9.6	49.6
66	34.4	16.3	56.3





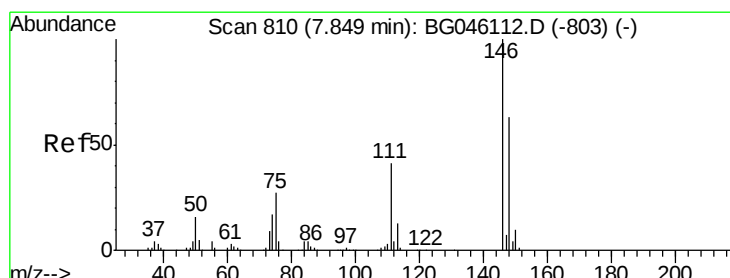
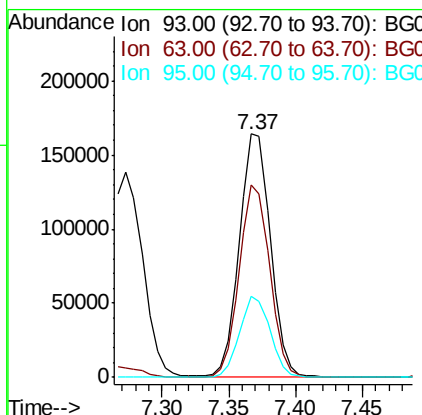
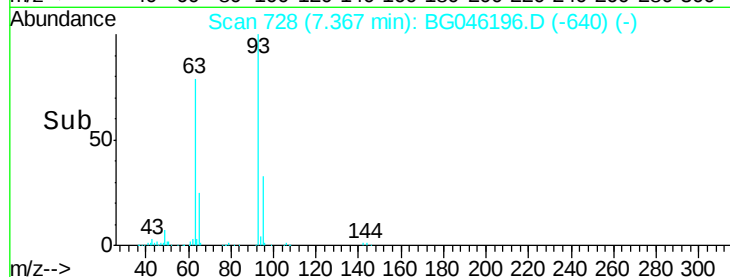
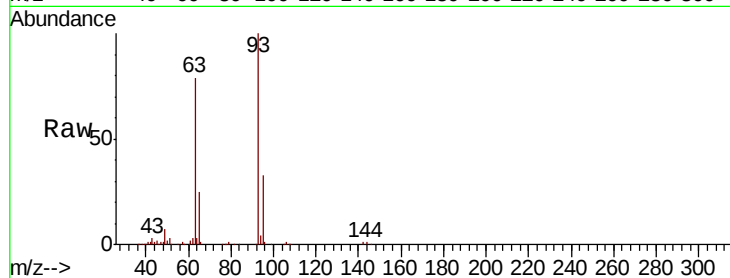
#11
bis(2-Chloroethyl)ether
Concen: 40.527 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion:	93	Resp:	264179
Ion	Ratio	Lower	Upper
93	100		
63	79.1	60.0	100.0
95	33.2	12.6	52.6

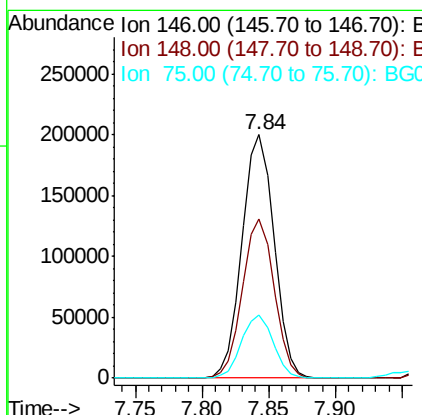
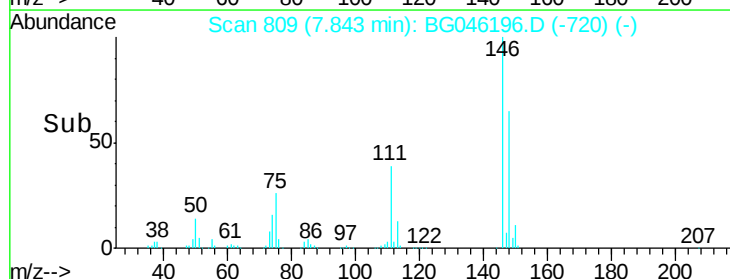
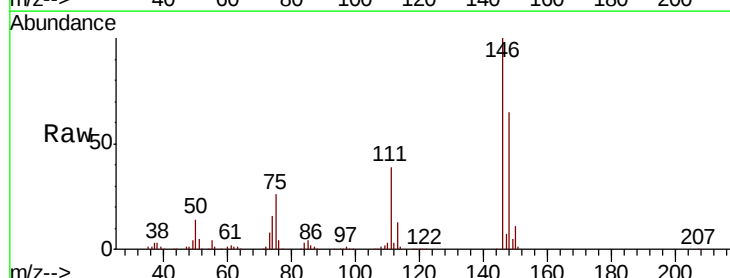
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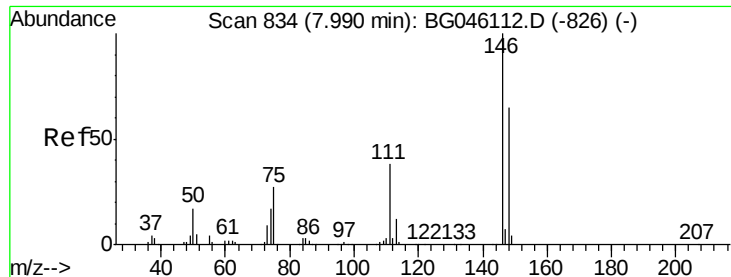
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#12
1,3-Dichlorobenzene
Concen: 41.392 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion:	146	Resp:	331882
Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.5	75.7
75	25.7	21.6	32.4





#13

1,4-Dichlorobenzene

Concen: 41.234 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

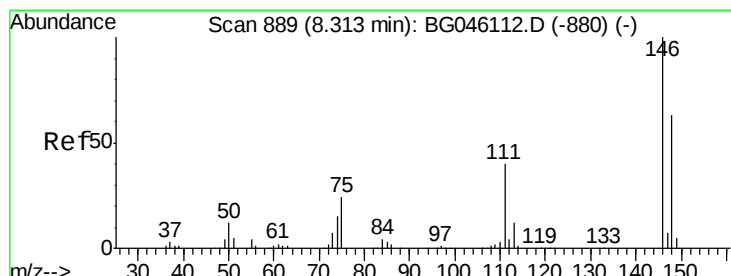
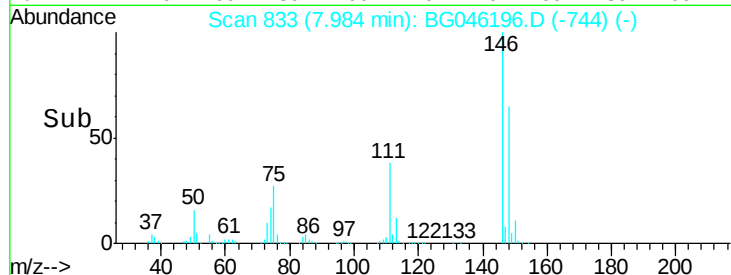
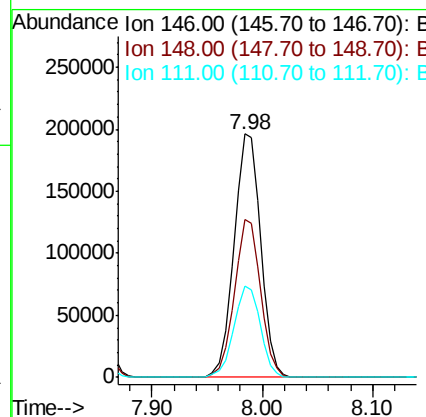
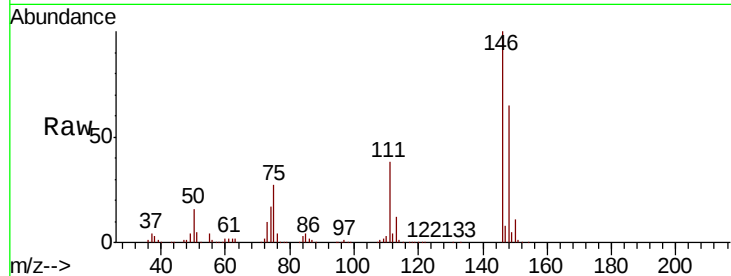
ClientSampled :

TP-2MSD

Tot Ion:	146	Resp:	331986
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.8	77.6
111	37.7	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 41.957 ng

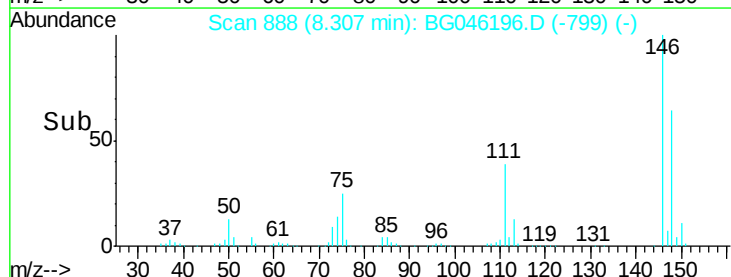
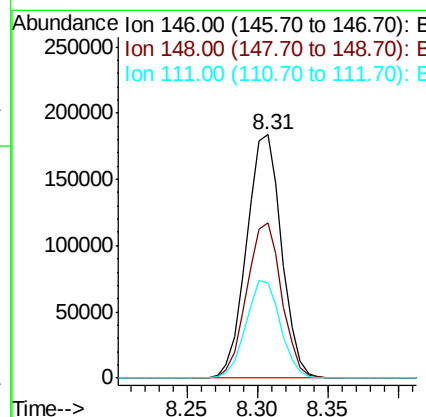
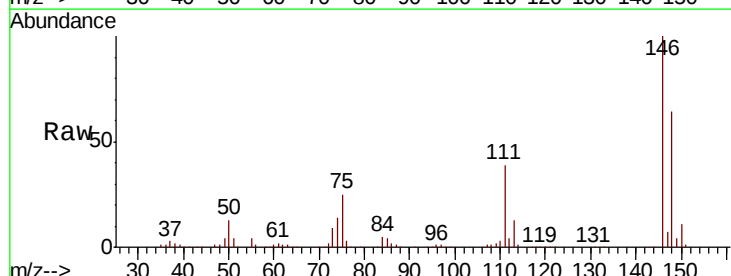
RT: 8.31 min Scan# 888

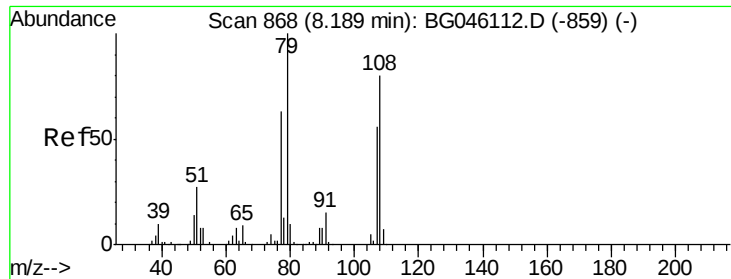
Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Tgt Ion:	146	Resp:	318592
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.8	76.2
111	39.3	32.4	48.6





#15

Benzyl Alcohol

Concen: 42.840 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

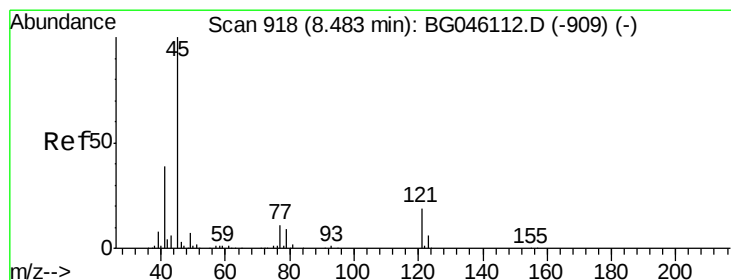
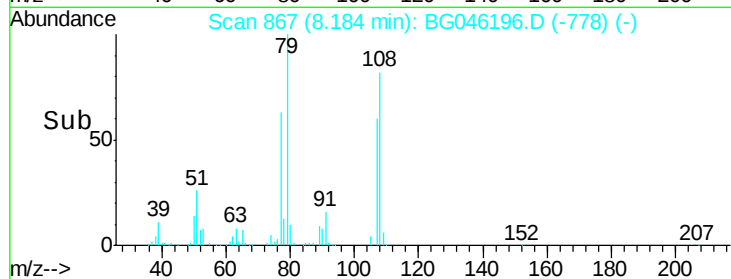
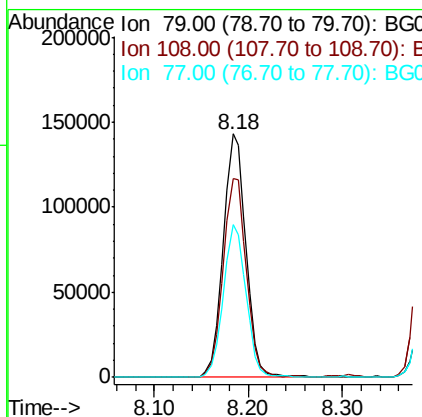
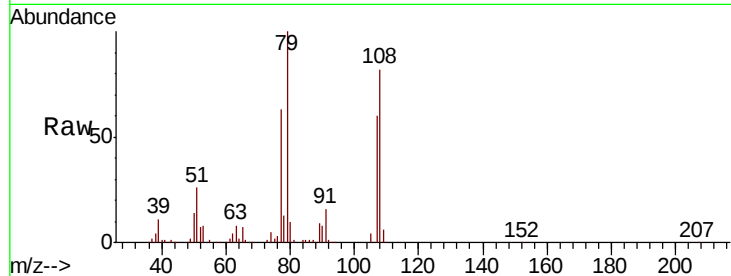
ClientSampleId :

TP-2MSD

Tot Ion:	79	Resp:	241398
Ion Ratio	Lower	Upper	
79	100		
108	81.6	64.1	96.1
77	63.0	50.2	75.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.575 ng

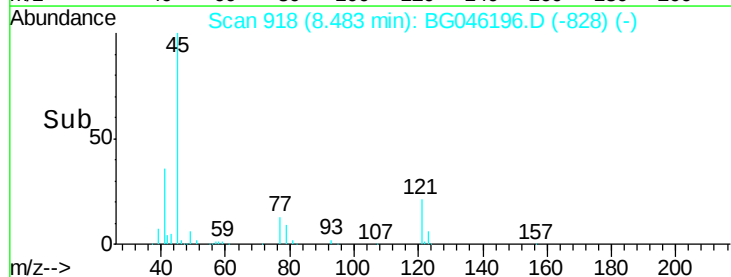
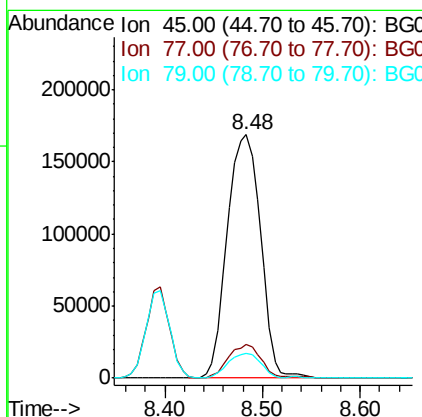
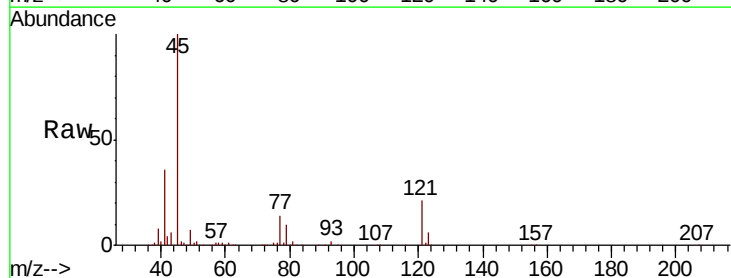
RT: 8.48 min Scan# 918

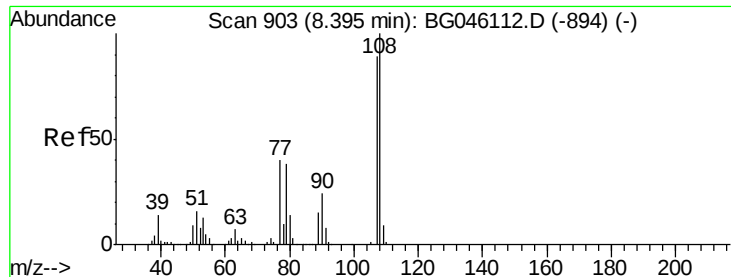
Delta R.T. 0.00 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Tgt Ion:	45	Resp:	401570
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	31.9
79	10.1	0.0	29.5





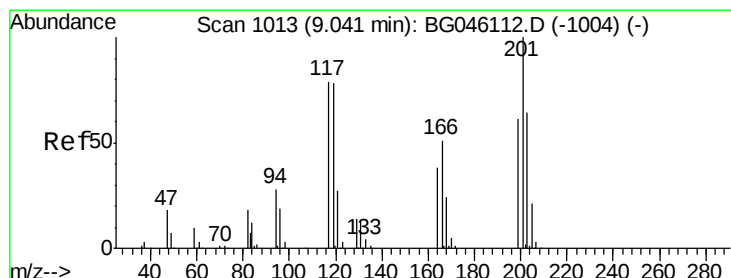
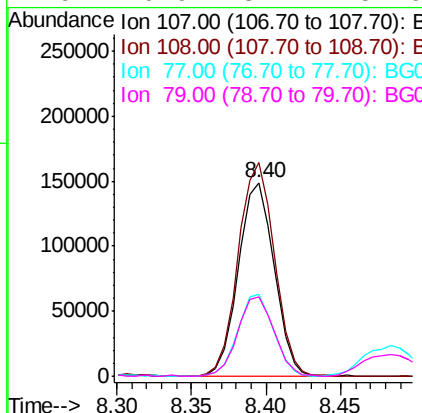
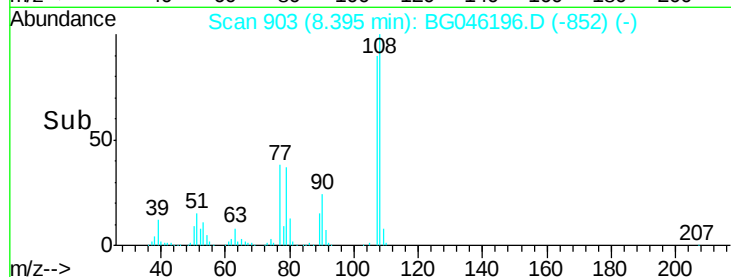
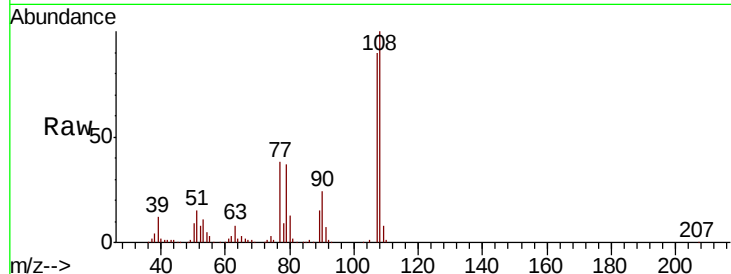
#17
2-Methylphenol
Concen: 44.964 ng
RT: 8.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion	107	Resp	248773
Ion Ratio	Lower	Upper	
107	100		
108	110.5	90.0	135.0
77	42.5	35.6	53.4
79	40.9	34.4	51.6

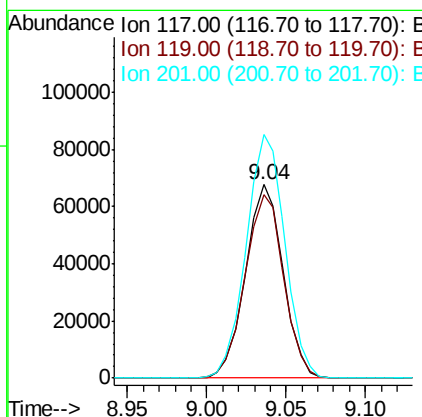
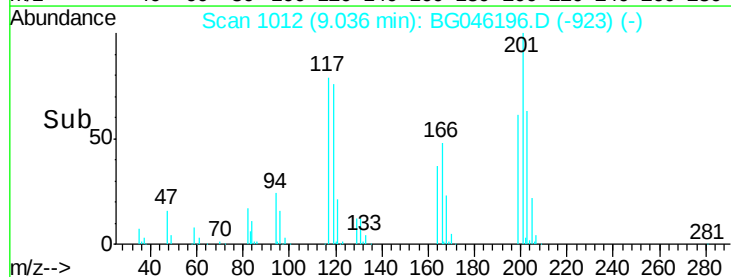
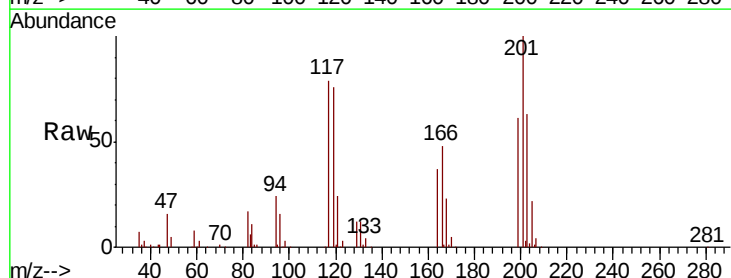
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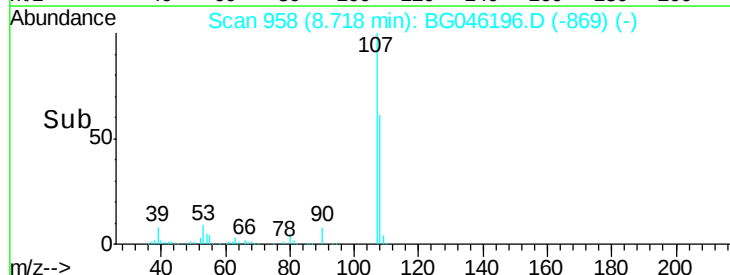
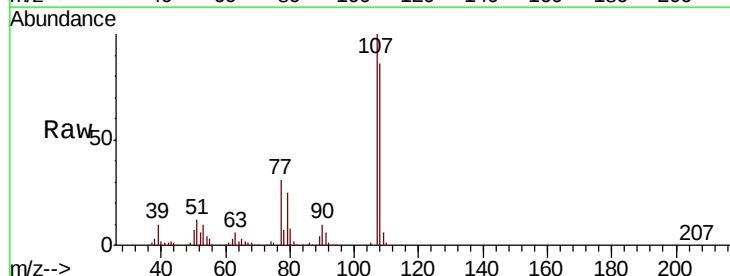
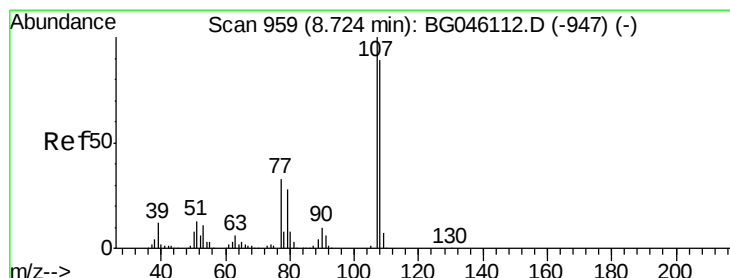
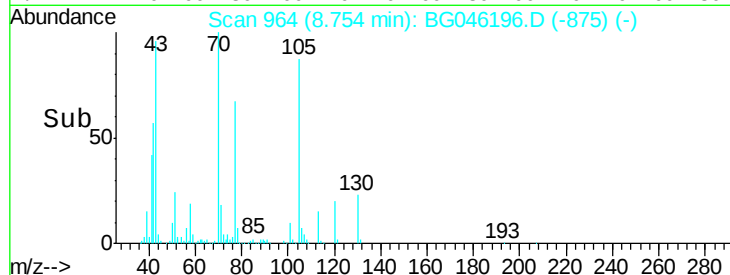
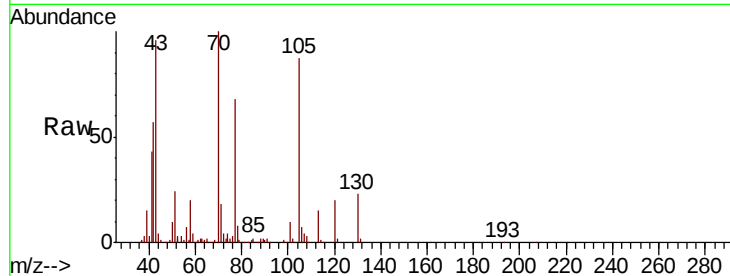
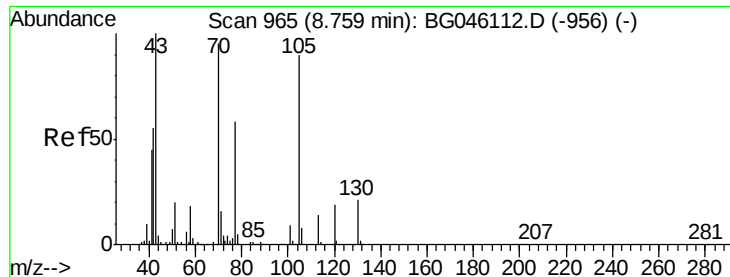
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#18
Hexachloroethane
Concen: 41.387 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

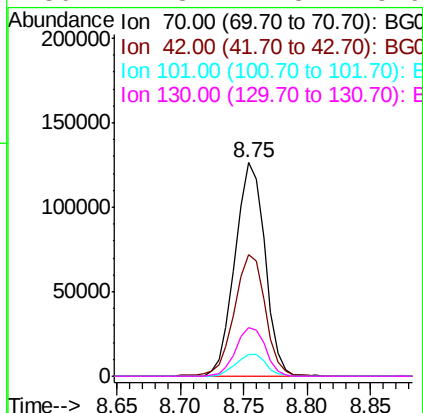
Tgt Ion	117	Resp	111443
Ion Ratio	Lower	Upper	
117	100		
119	95.0	78.5	117.7
201	125.8	101.0	151.4





#19
n-Nitroso-di-n-propylamine
Concen: 39.072 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.7	46.5	69.7
101	10.2	7.6	11.4
130	22.8	17.3	25.9



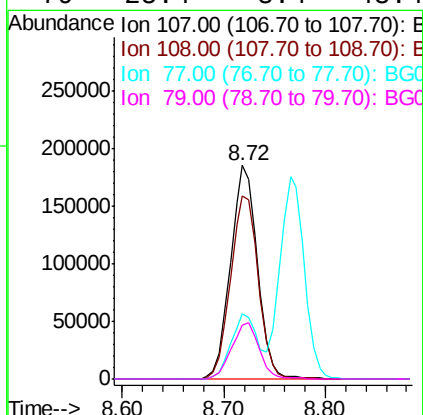
Instrument :
BNA_G
ClientSampleId :
TP-2MSD

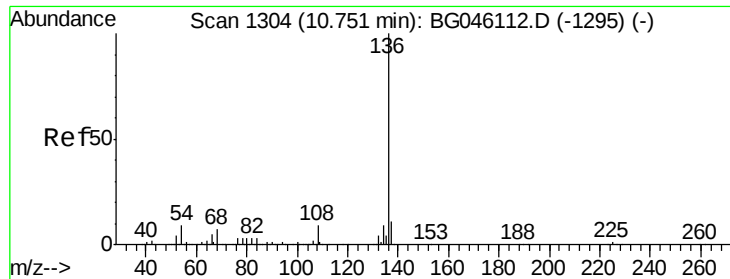
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#20
3+4-Methylphenols
Concen: 44.852 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.6	69.1	109.1
77	30.7	12.5	52.5
79	25.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

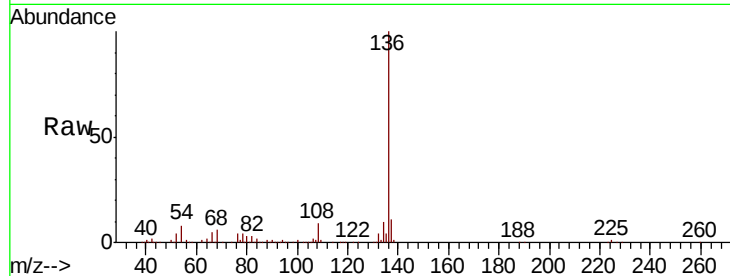
ClientSampleId :

TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	403346		
137	11.4		8.8	13.2
54	8.1		7.0	10.4
68	6.0		5.3	7.9

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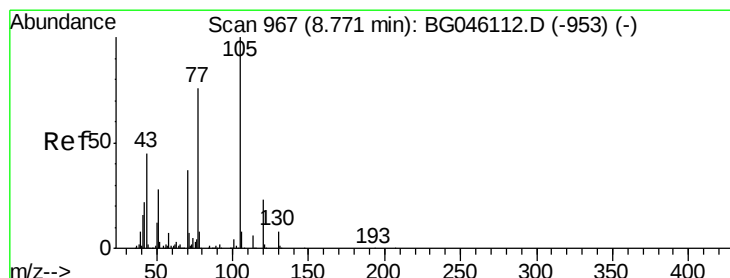
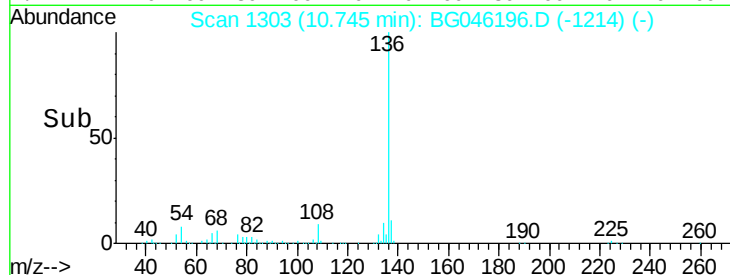
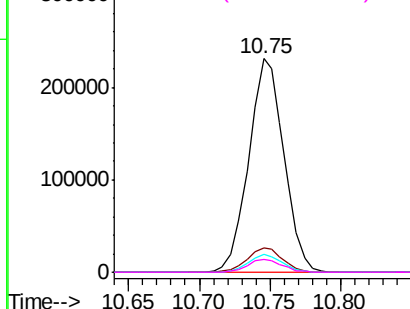
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.347 ng

RT: 8.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	407292		
71	5.5		5.3	7.9
51	25.3		22.7	34.1
120	23.0		18.7	28.1

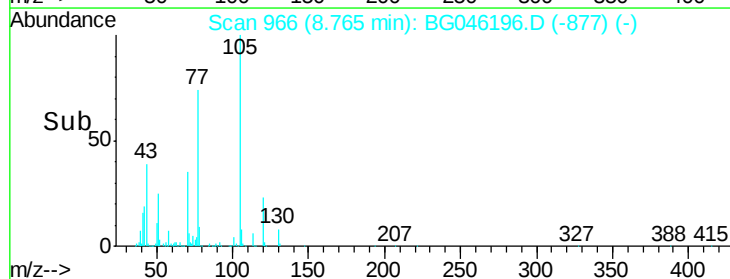
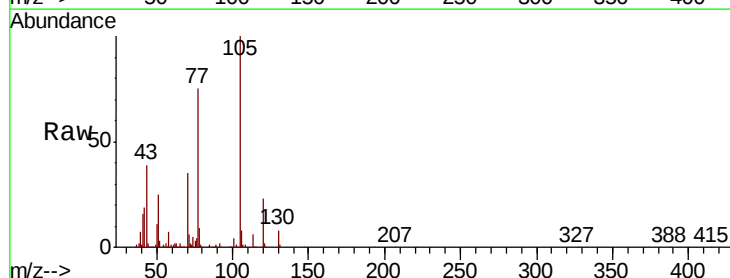
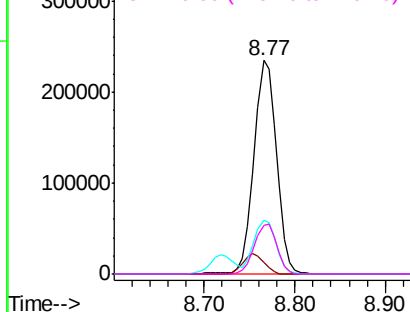
Abundance

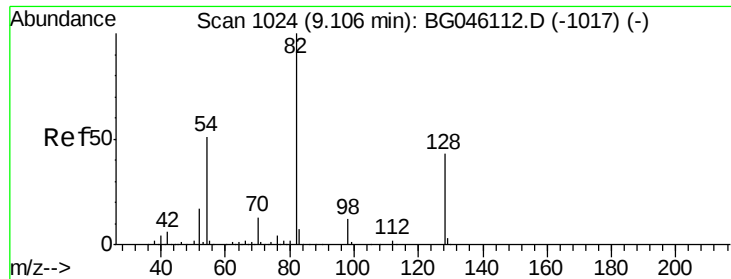
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





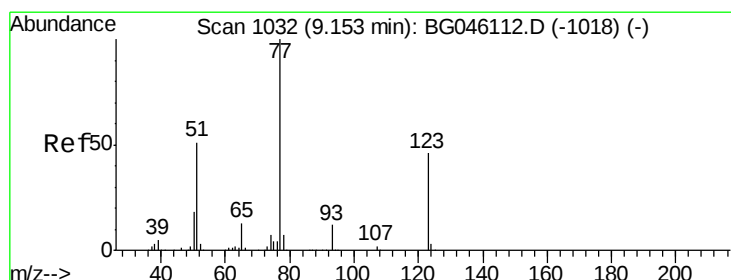
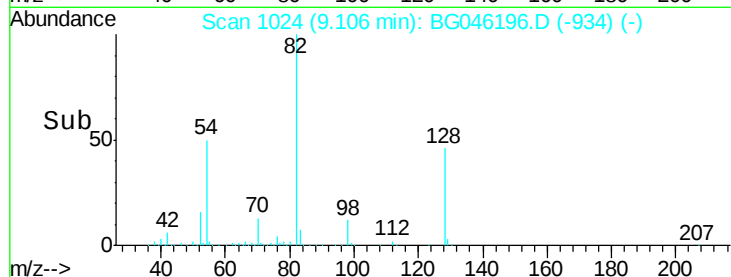
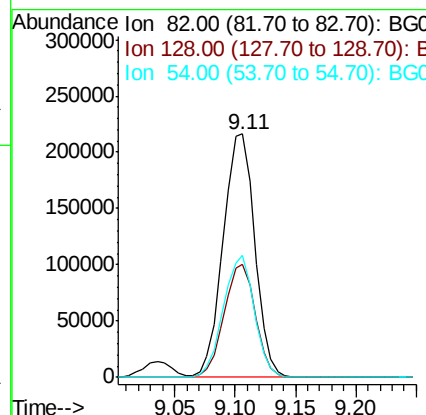
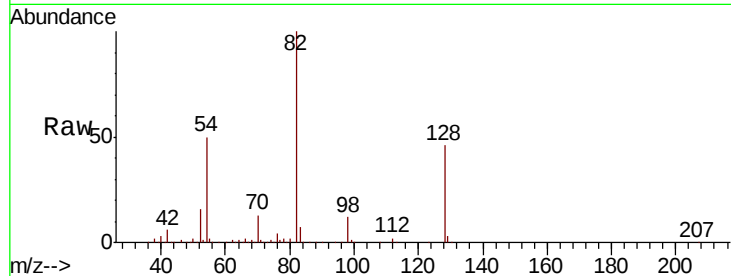
#23
 Nitrobenzene-d5
 Concen: 52.658 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	392287		
128	46.3		34.4	51.6
54	50.3		40.8	61.2

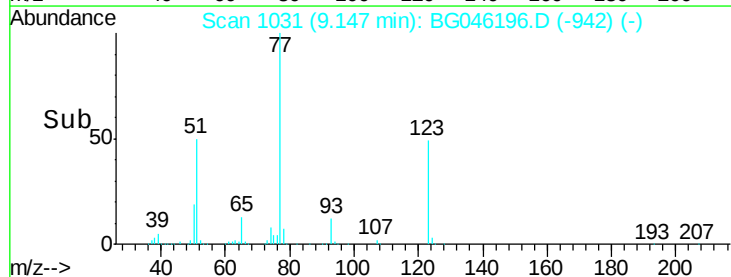
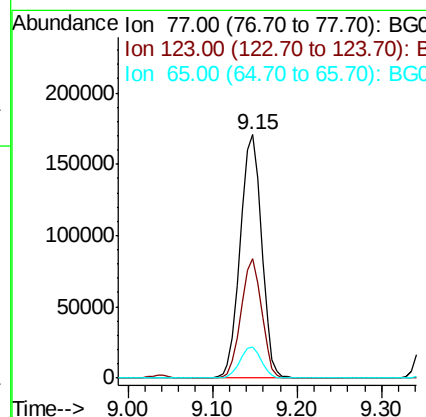
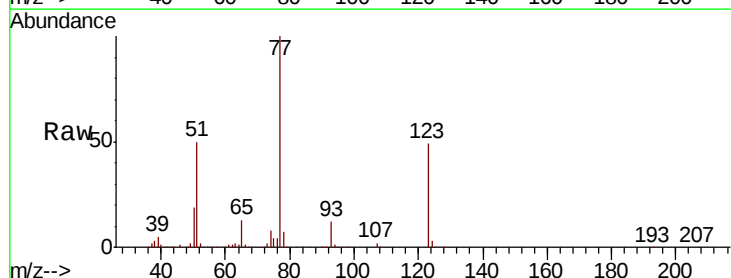
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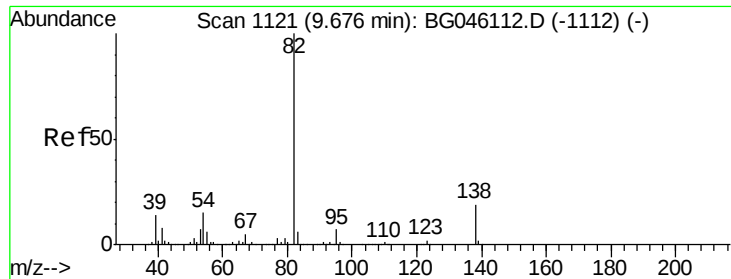
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#24
 Nitrobenzene
 Concen: 37.420 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	297214		
123	49.2		36.8	55.2
65	12.8		10.2	15.2





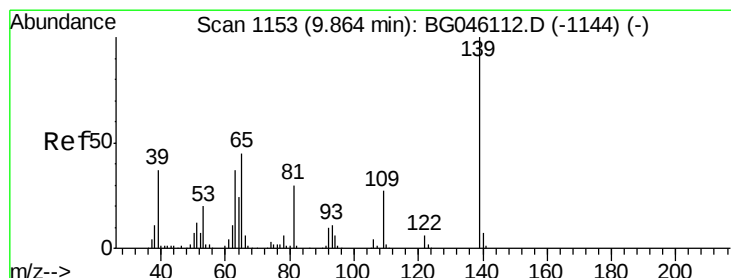
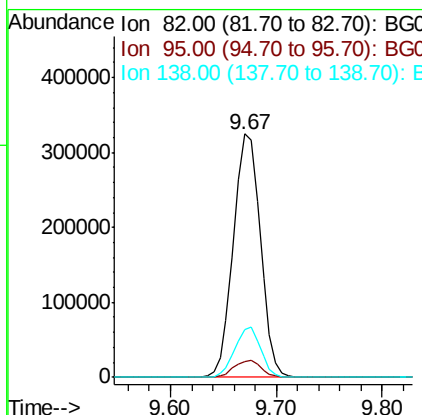
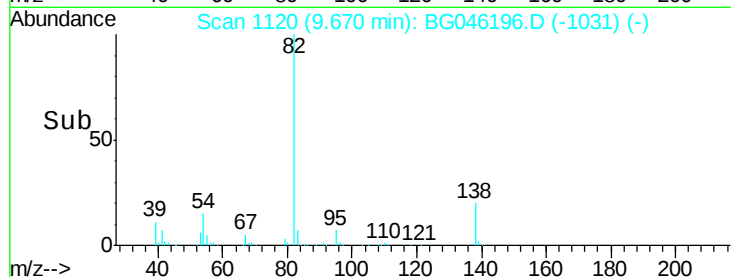
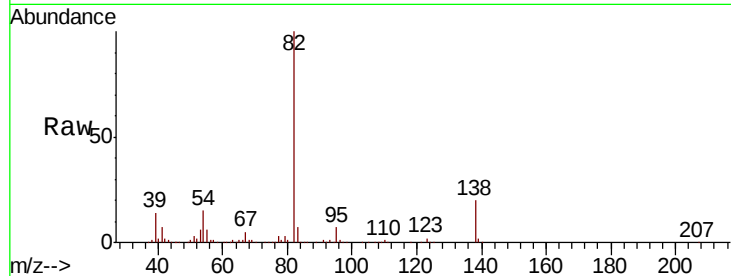
#25
Isophorone
Concen: 38.668 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	19.5	15.3	22.9

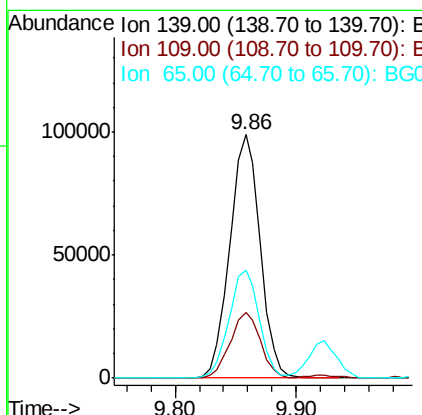
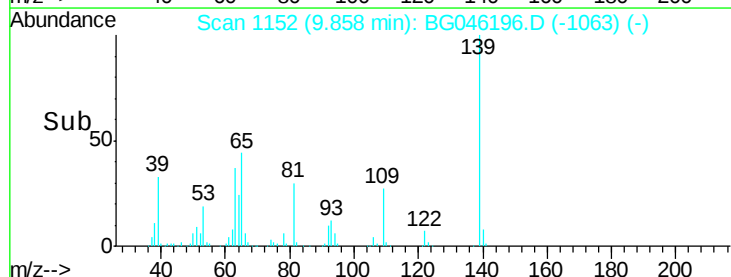
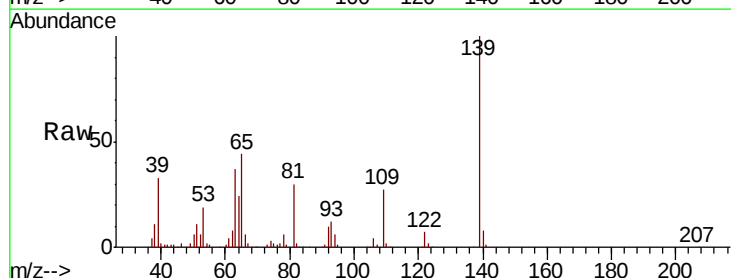
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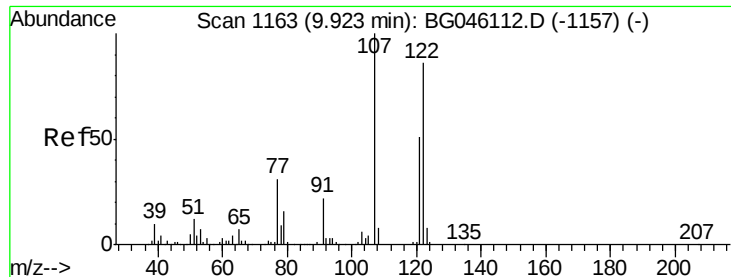
mohammad
8/10/2020 3:43:40 PM



#26
2-Nitrophenol
Concen: 47.979 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.2	21.8	32.8
65	44.2	36.2	54.2





#27

2,4-Dimethylphenol

Concen: 45.979 ng

RT: 9.92 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

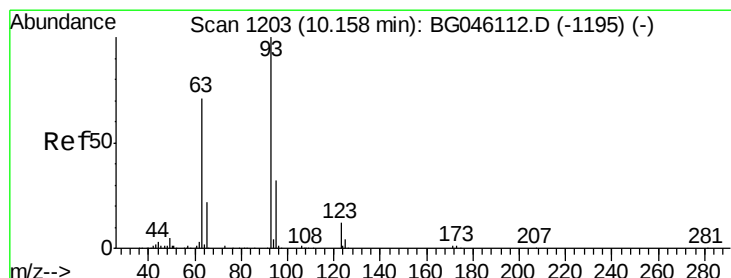
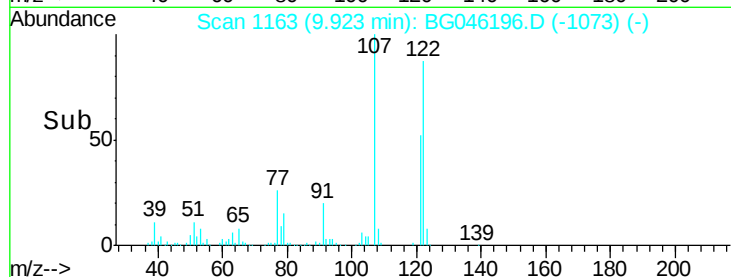
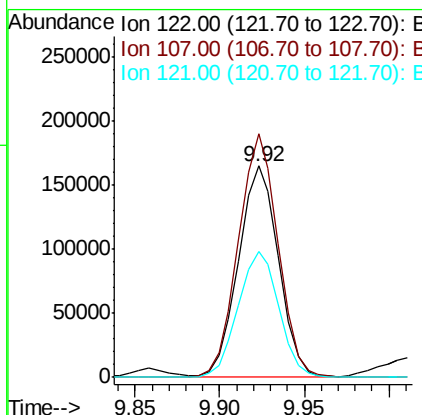
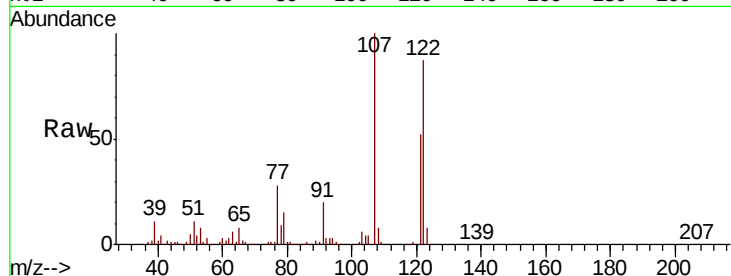
ClientSampleId :

TP-2MSD

Tot Ion:	122	Resp:	269279
Ion Ratio	Lower	Upper	
122	100		
107	115.1	92.4	138.6
121	59.4	47.0	70.6

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 43.899 ng

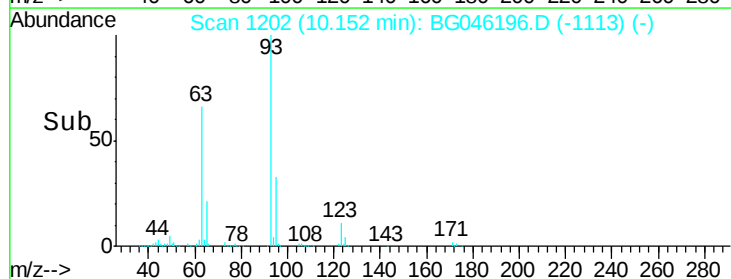
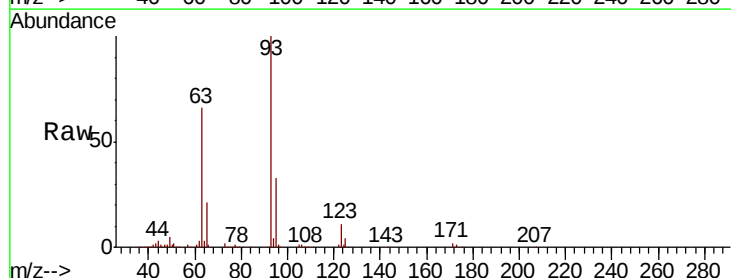
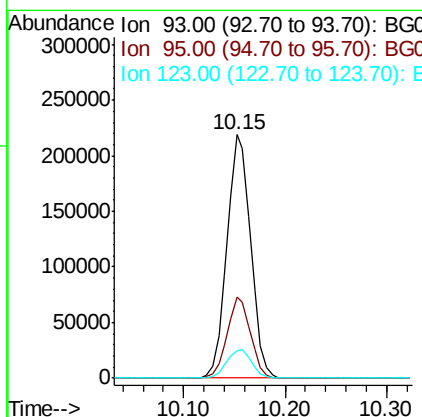
RT: 10.15 min Scan# 1202

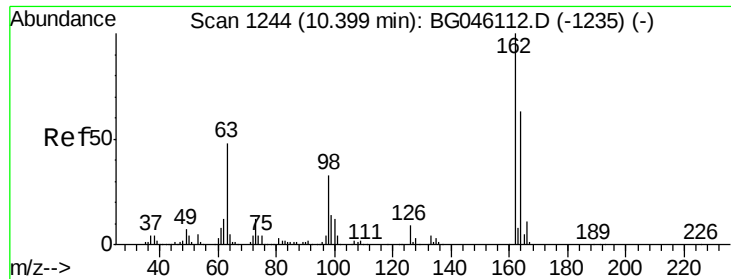
Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Tgt Ion:	93	Resp:	353836
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.0	39.0
123	11.4	9.7	14.5





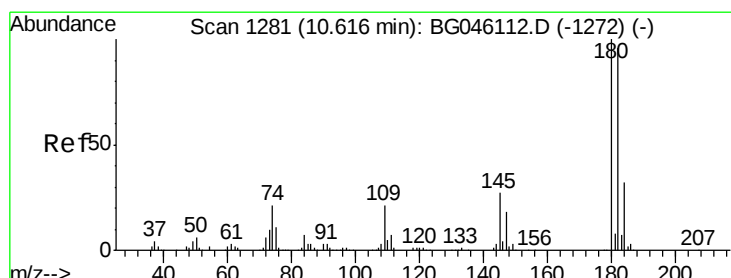
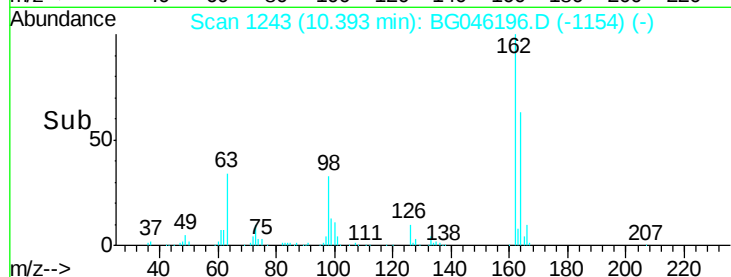
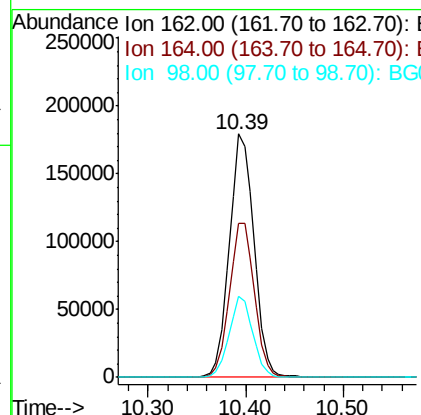
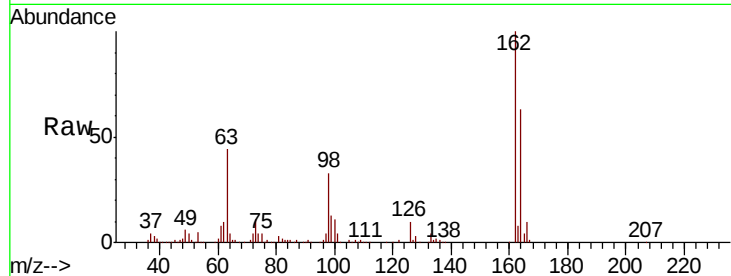
#29
 2,4-Dichlorophenol
 Concen: 45.627 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		314334		
164	63.3	43.3	83.3		
98	33.5	13.1	53.1		

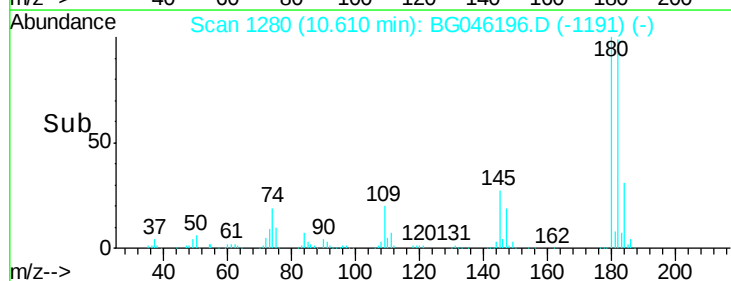
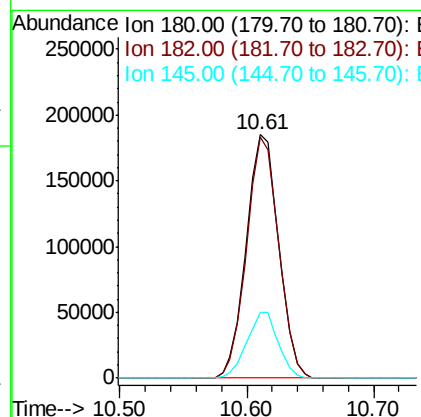
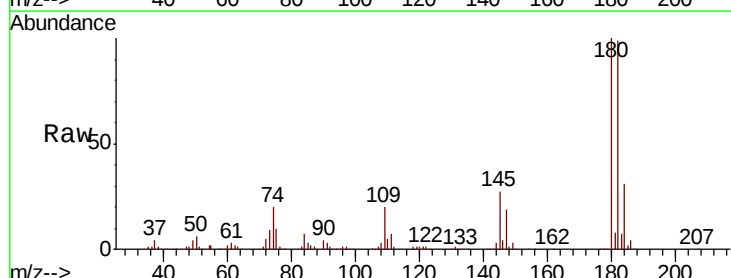
Manual Integrations
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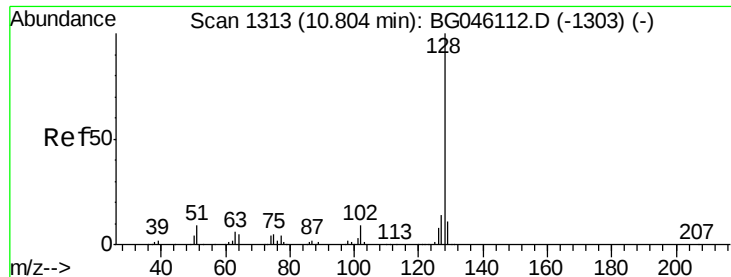
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.686 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		328356		
182	99.1	76.7	115.1		
145	27.2	21.8	32.8		





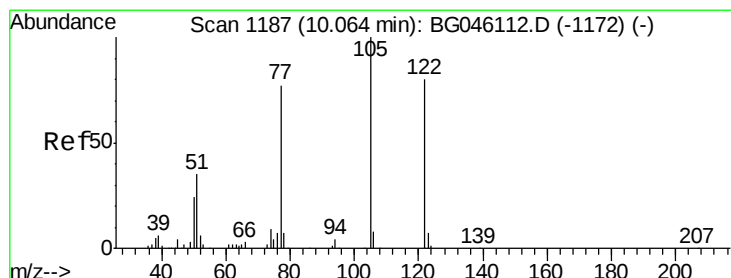
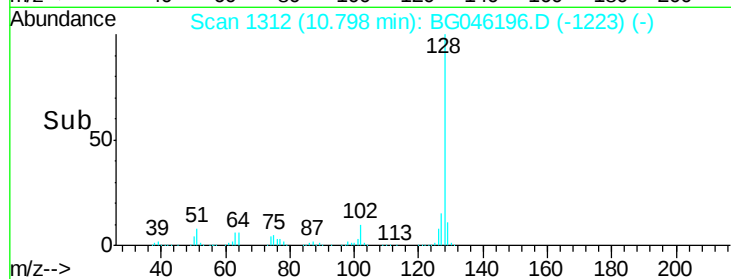
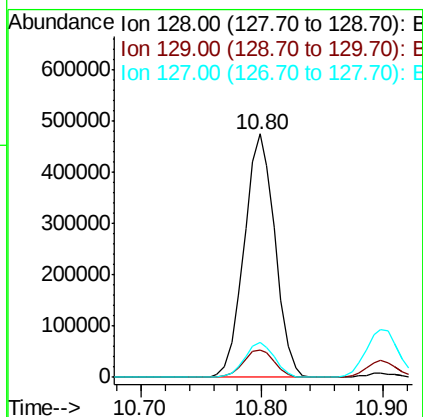
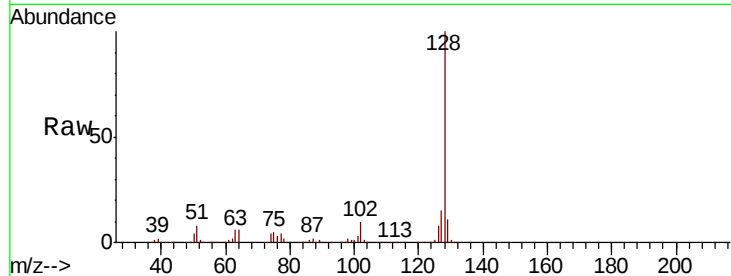
#31
Naphthalene
Concen: 39.390 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.1	13.7	
127	14.5	11.3	16.9	

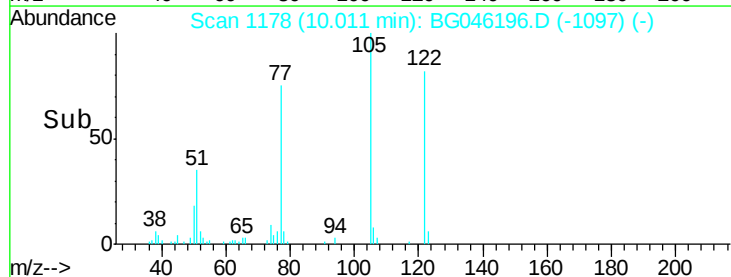
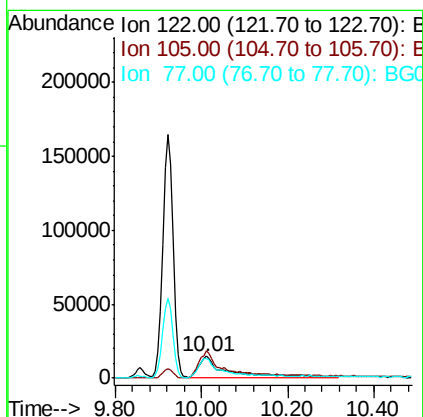
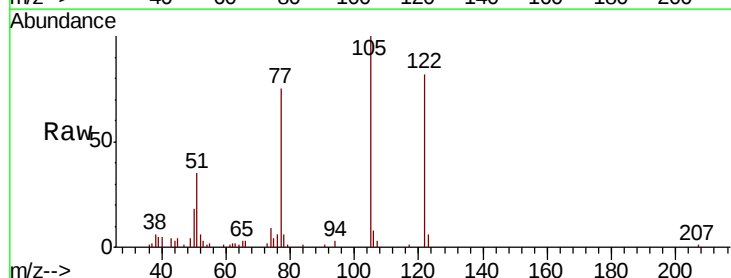
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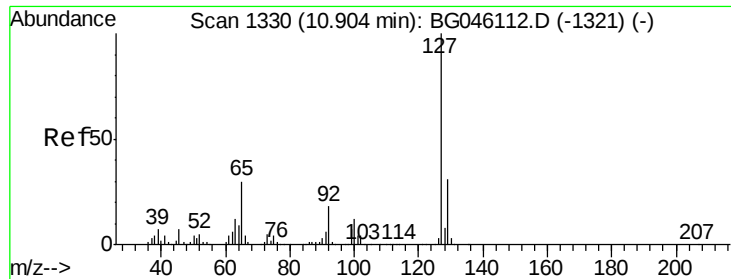
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#32
Benzoic acid
Concen: 23.112 ng m
RT: 10.01 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	121.9	103.0	143.0	
77	91.0	75.2	115.2	





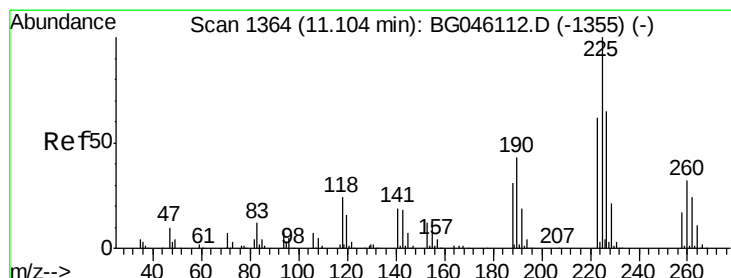
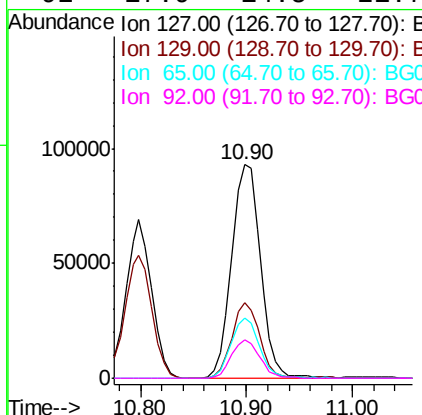
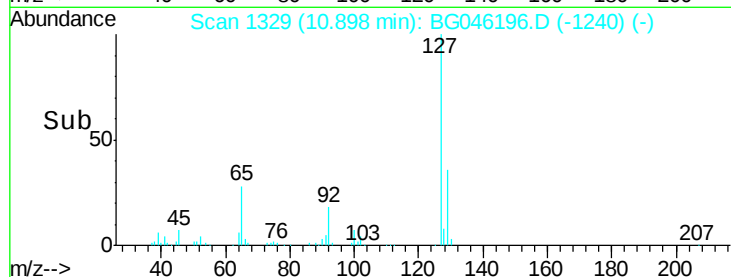
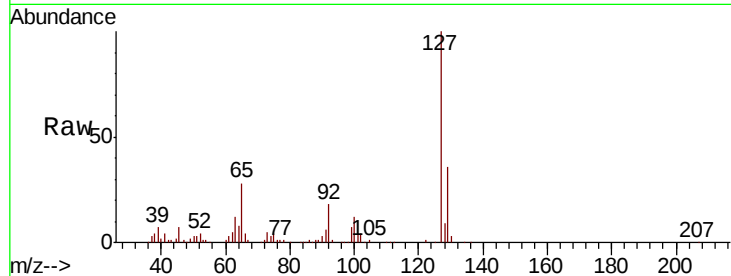
#33
4-Chloroaniline
Concen: 20.174 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.6	25.2	37.8		
65	28.1	24.2	36.2		
92	17.9	14.5	21.7		

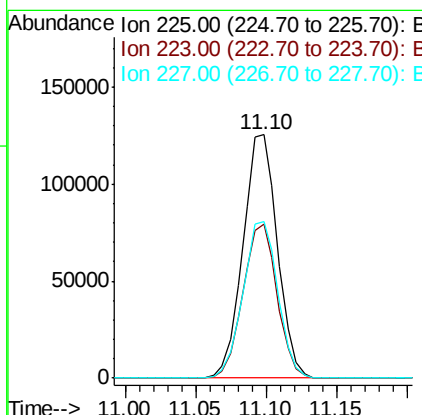
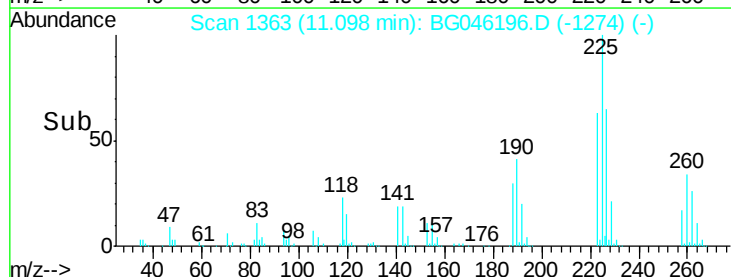
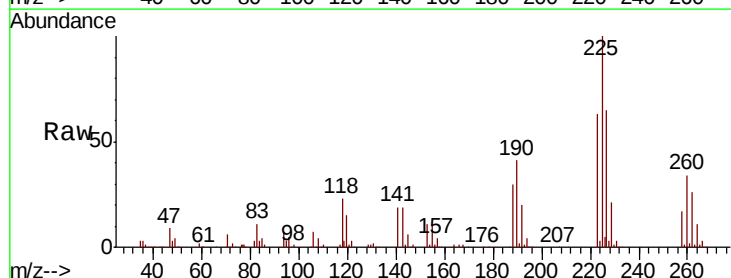
Manual Integrations
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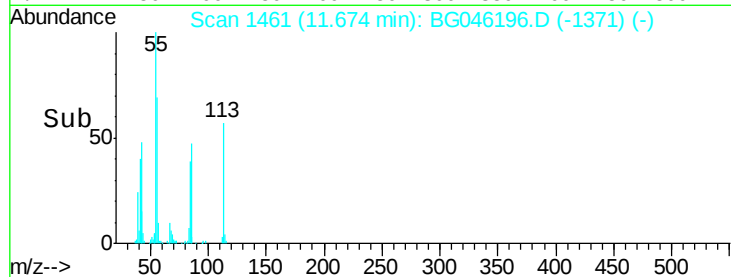
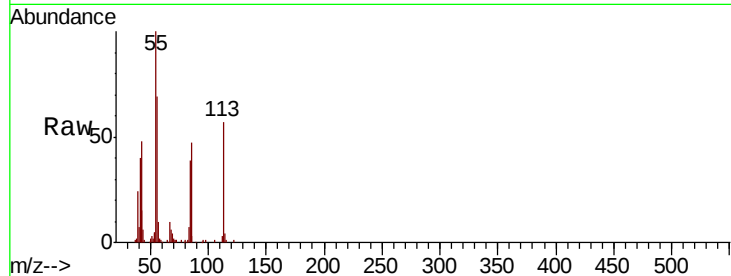
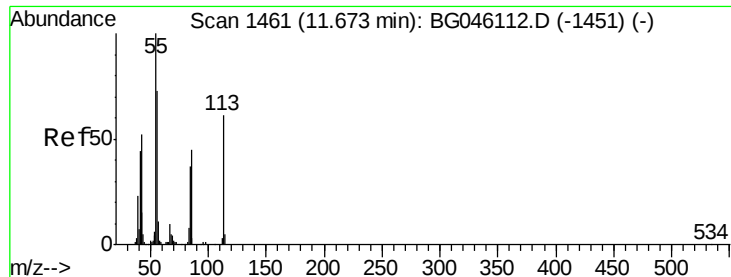
mohammad
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#34
Hexachlorobutadiene
Concen: 39.746 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	49.8	74.6		
227	64.5	51.9	77.9		





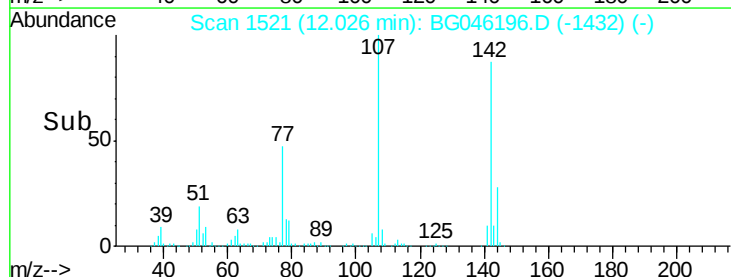
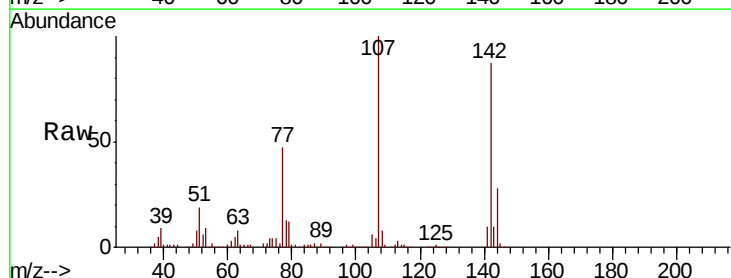
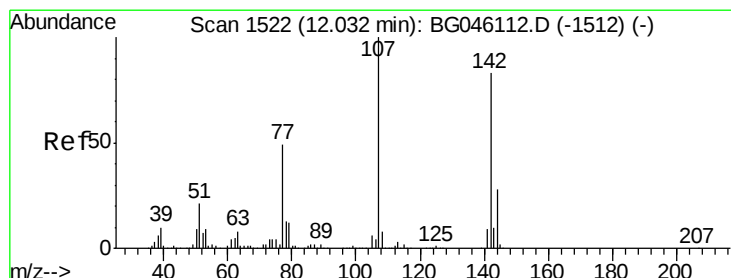
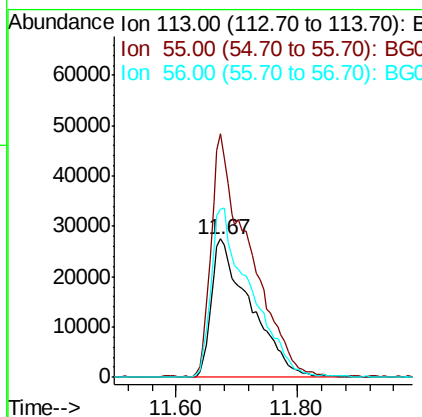
#35
Caprolactam
Concen: 54.942 ng
RT: 11.67 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	176.0	144.7	184.7
56	121.6	99.4	139.4

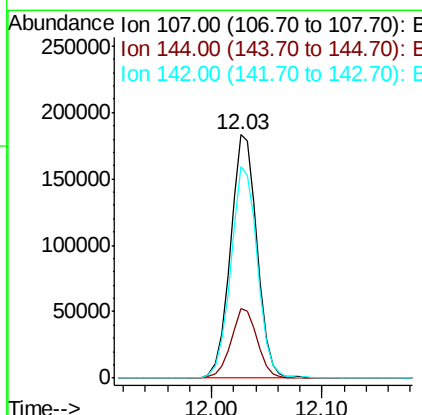
Manual Integrations
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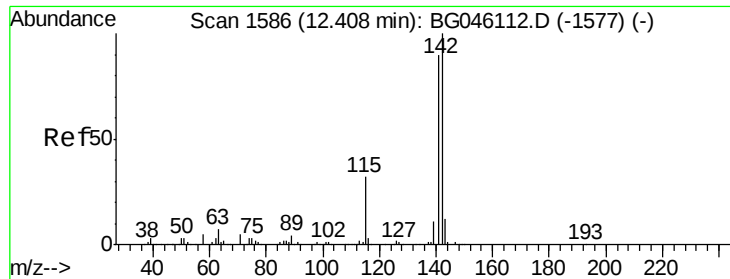
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#36
4-Chloro-3-methylphenol
Concen: 45.860 ng
RT: 12.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.4	33.6
142	86.8	66.6	100.0





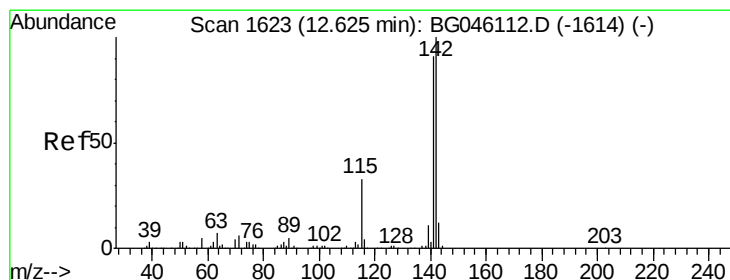
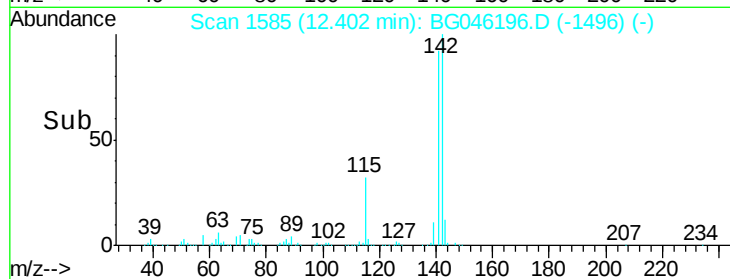
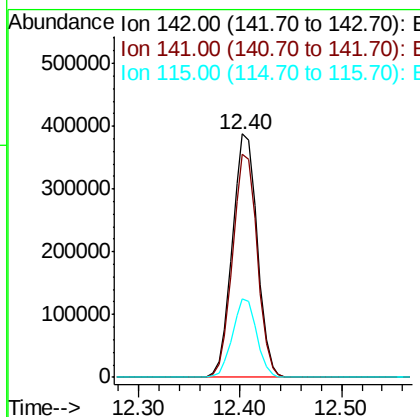
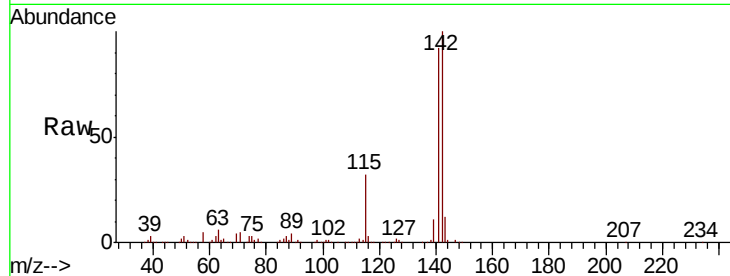
#37
2-Methylnaphthalene
Concen: 40.256 ng
RT: 12.40 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.7	107.5
115	32.3	25.8	38.8

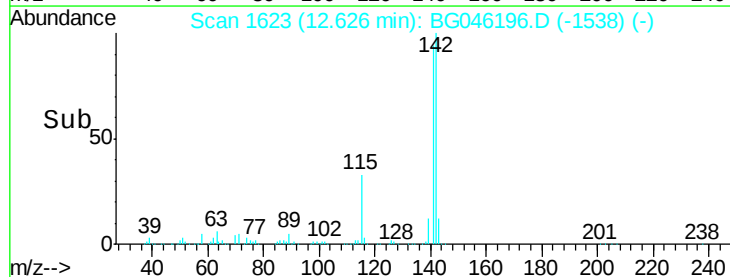
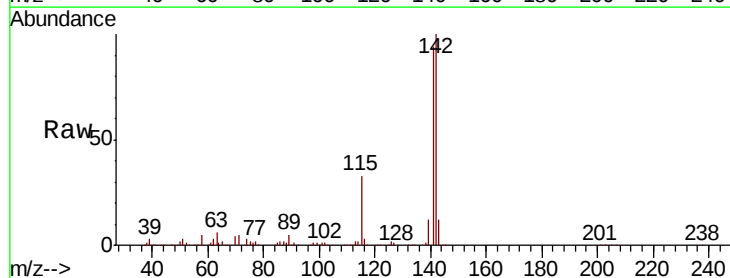
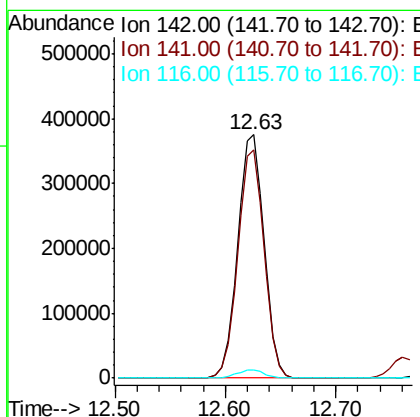
Manual Integrations
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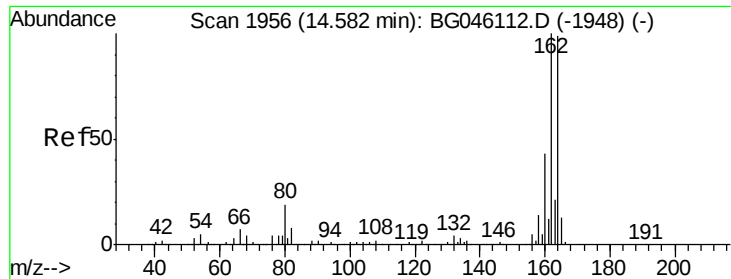
mohammad
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#38
1-Methylnaphthalene
Concen: 40.409 ng
RT: 12.63 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.0	109.4
116	3.2	2.8	4.2





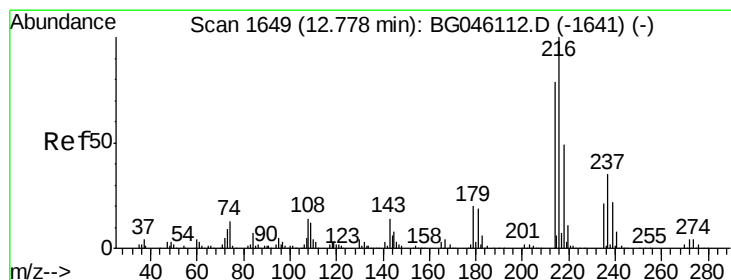
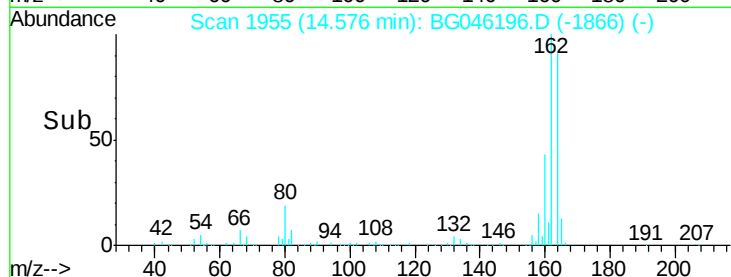
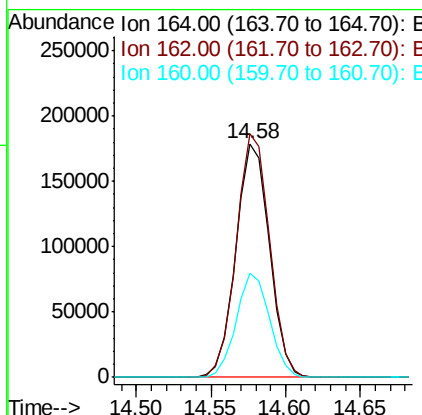
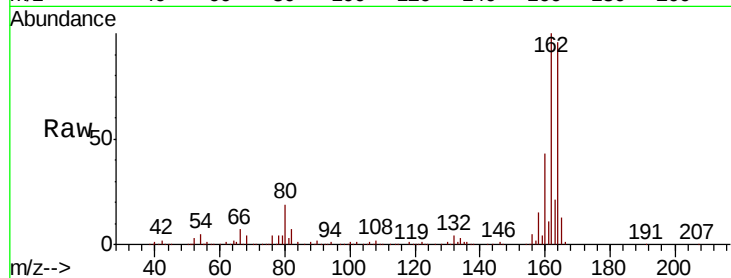
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.6	121.0
160	44.7	34.9	52.3

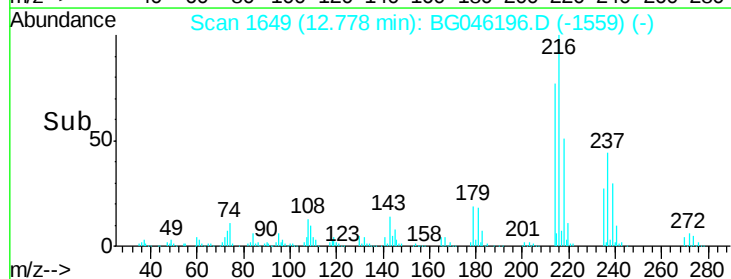
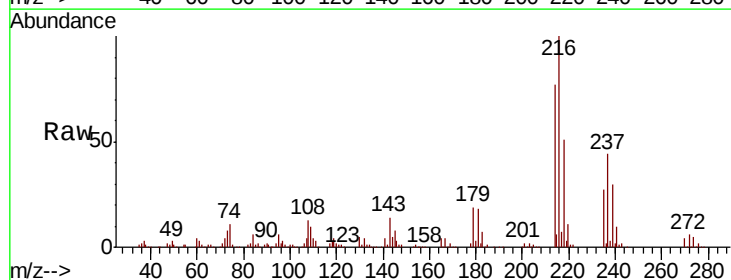
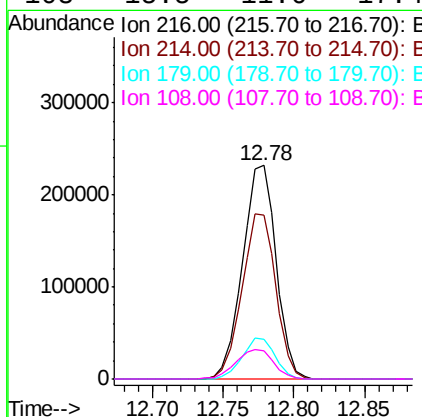
Manual Integrations
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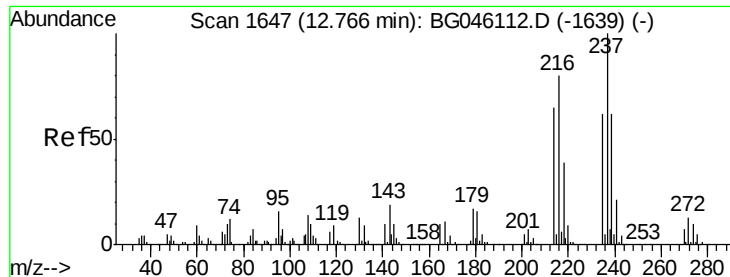
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.439 ng
RT: 12.78 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.7	94.1
179	18.8	15.0	22.6
108	15.5	11.6	17.4





#41

Hexachlorocyclopentadiene

Concen: 87.208 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

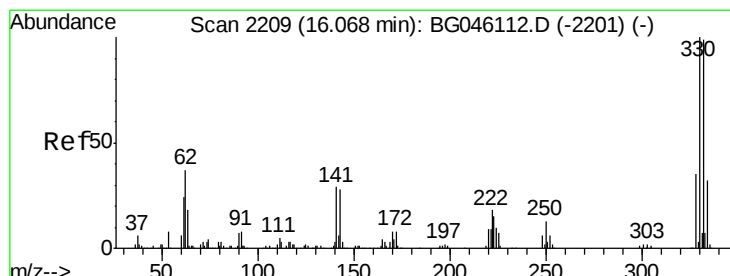
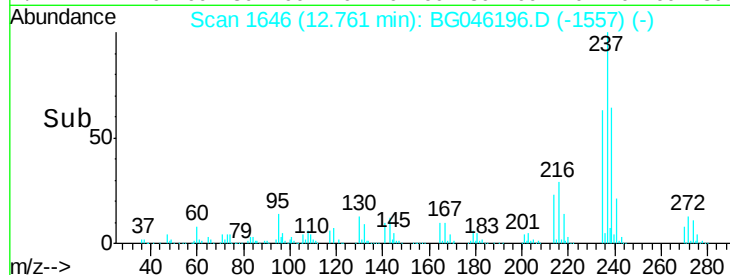
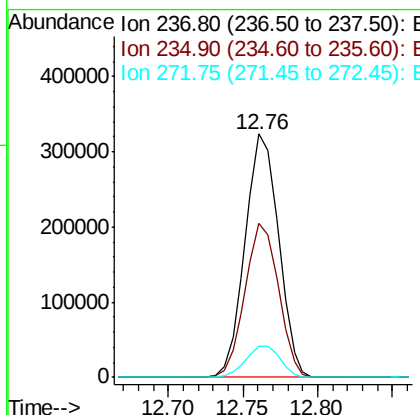
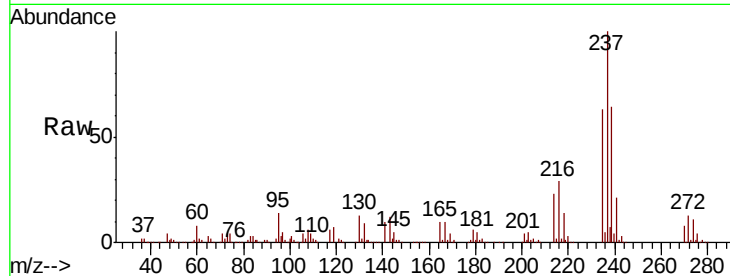
ClientSampleId :

TP-2MSD

Tot Ion:	237	Resp:	502395
Ion Ratio	Lower	Upper	
237	100		
235	63.1	42.3	82.3
272	13.0	0.0	32.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 96.080 ng

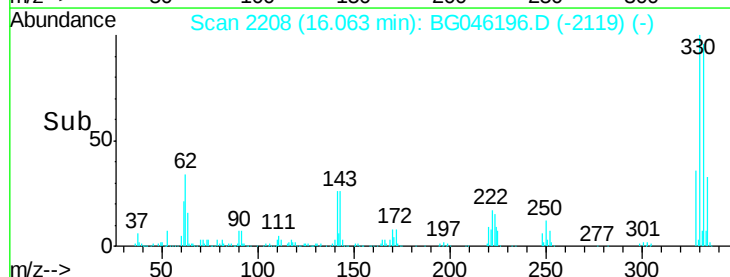
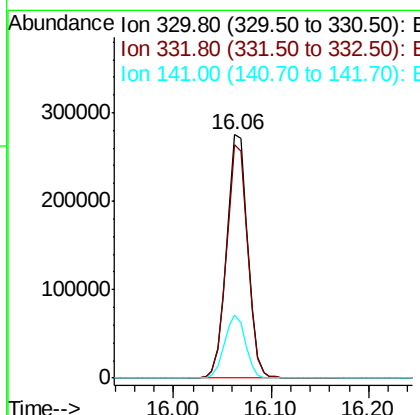
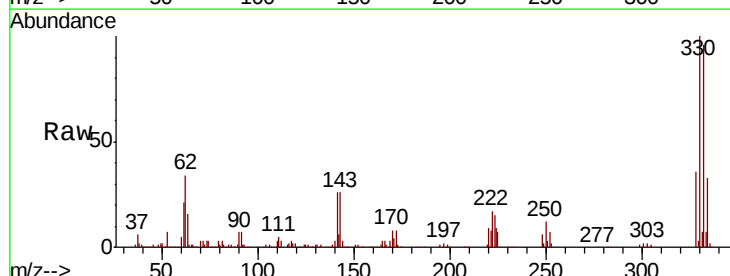
RT: 16.06 min Scan# 2208

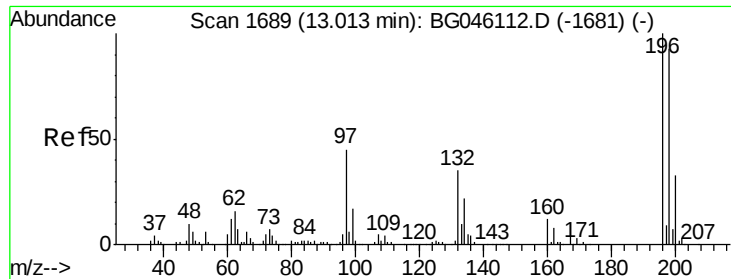
Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Tgt Ion:	330	Resp:	411378
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.4	116.2
141	25.9	23.4	35.0





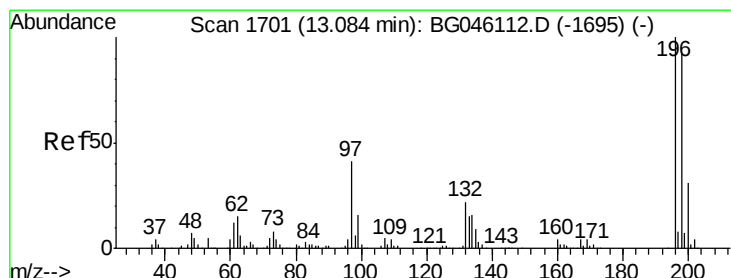
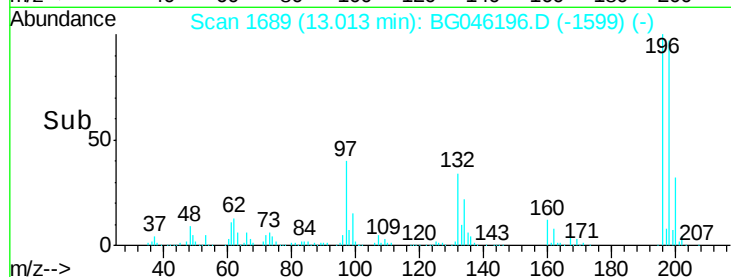
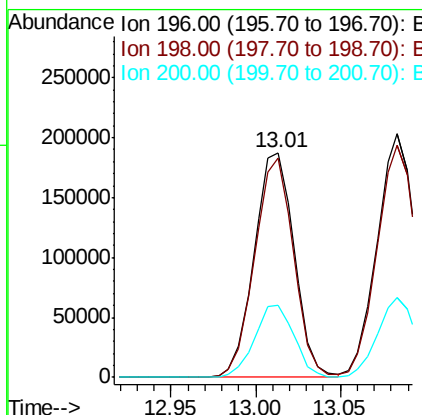
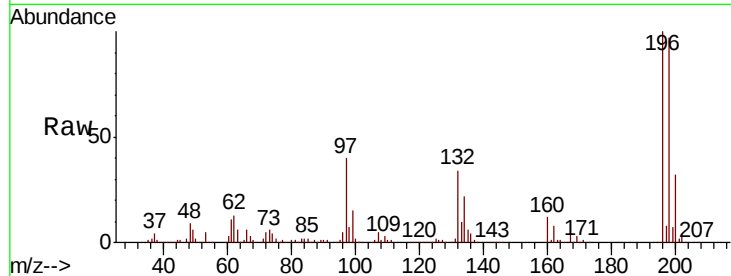
#43
 2,4,6-Trichlorophenol
 Concen: 48.106 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Instrument :
 BNA_G
 ClientSampled :
 TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	308252		
198	97.3	74.2	111.4	
200	32.3	26.0	39.0	

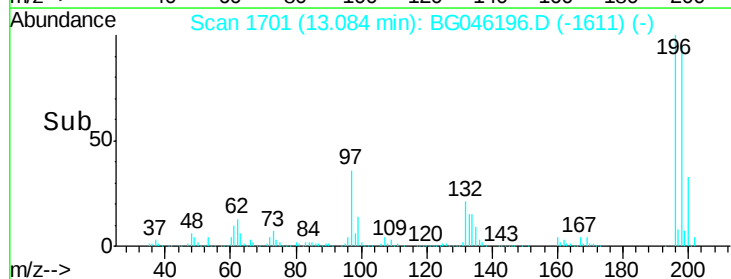
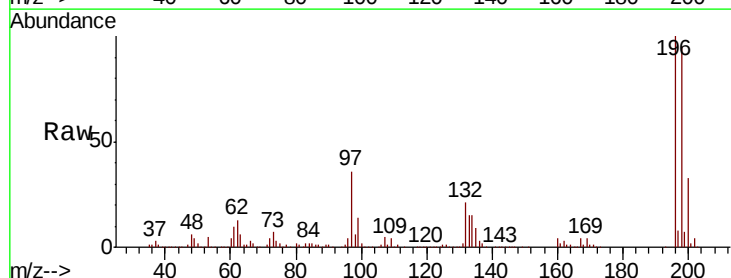
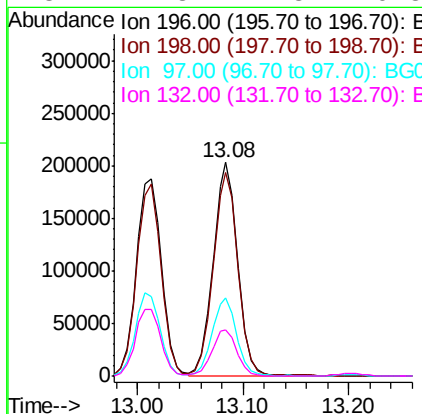
Manual Integrations
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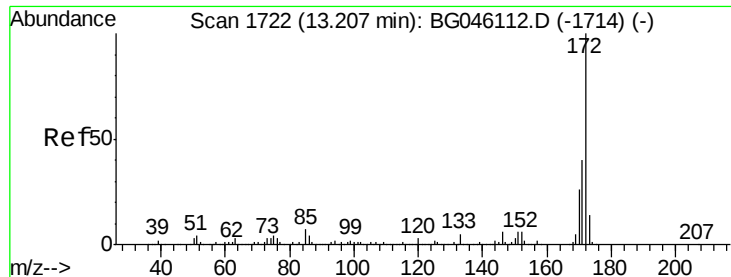
mohammad
 8/10/2020 3:43:40 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.861 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	327630		
198	95.1	73.9	110.9	
97	36.3	32.7	49.1	
132	21.3	17.8	26.8	





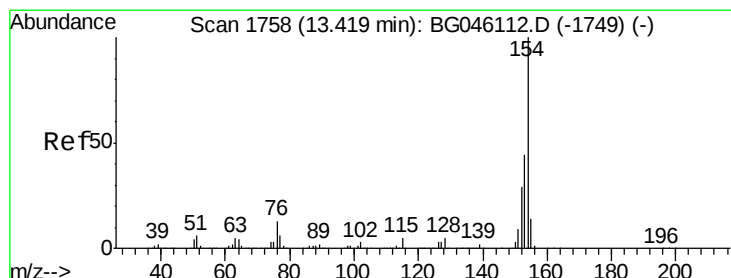
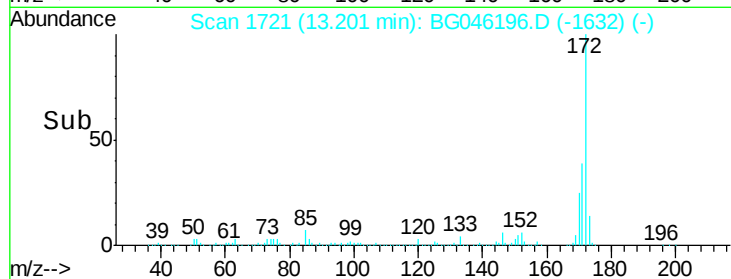
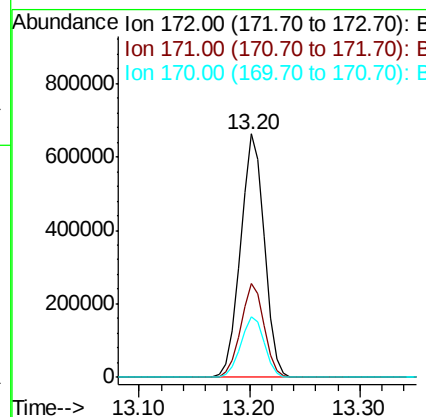
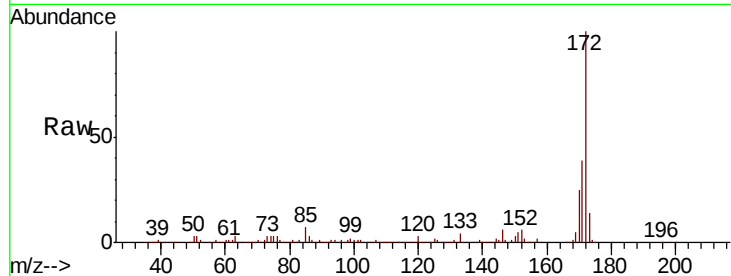
#45
 2-Fluorobiphenyl
 Concen: 52.247 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.7	47.5
170	24.8	20.9	31.3

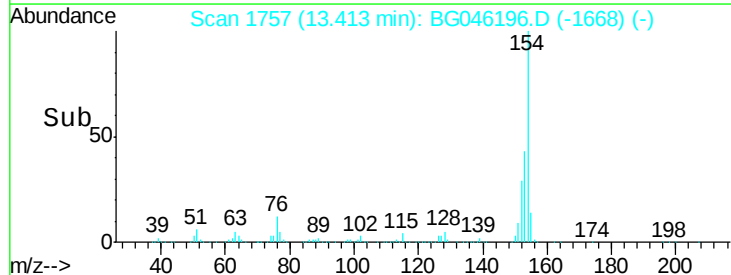
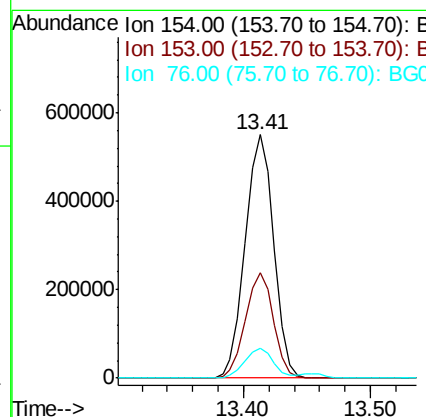
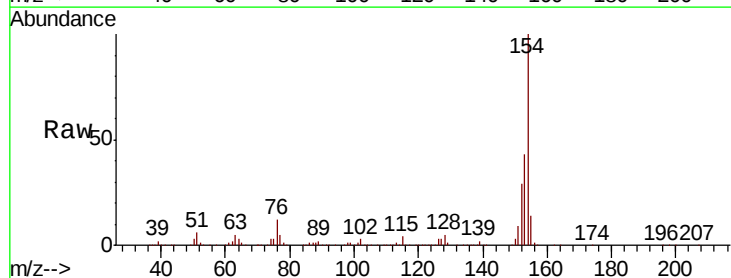
Manual Integrations
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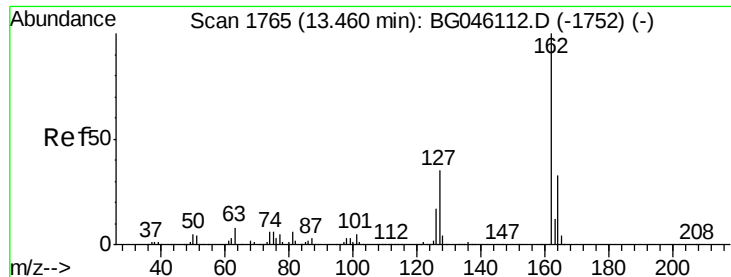
mohammad
 8/10/2020 3:43:40 PM



#46
 1,1'-Biphenyl
 Concen: 39.175 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	23.7	63.7
76	12.3	0.0	32.9





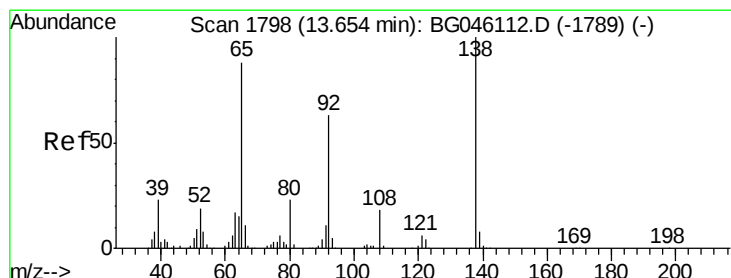
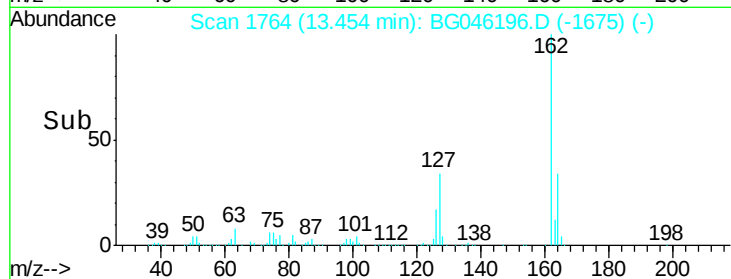
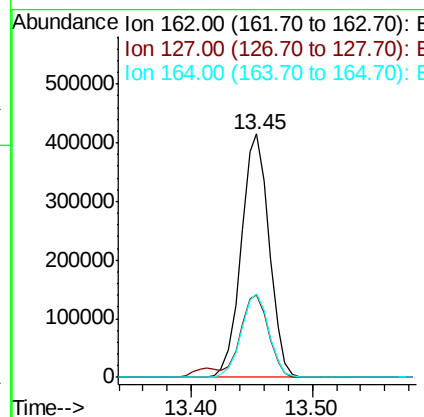
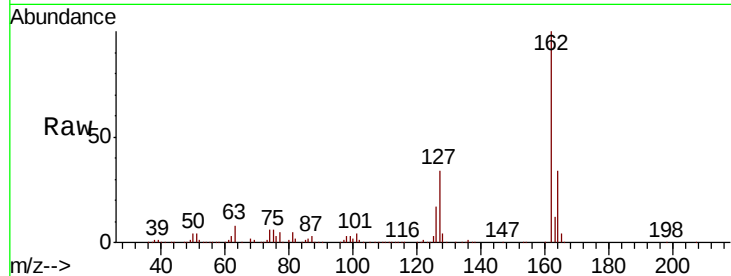
#47
2-Chloronaphthalene
Concen: 38.294 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	667957		
127	34.0	28.0	42.0	
164	34.3	26.5	39.7	

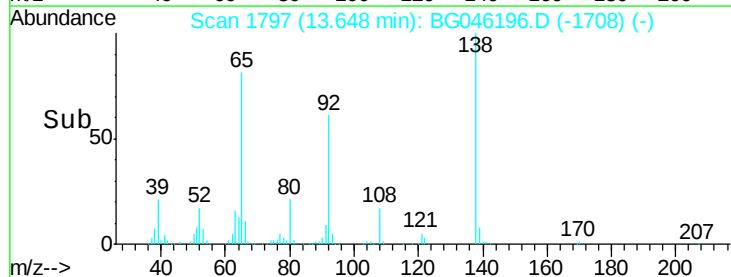
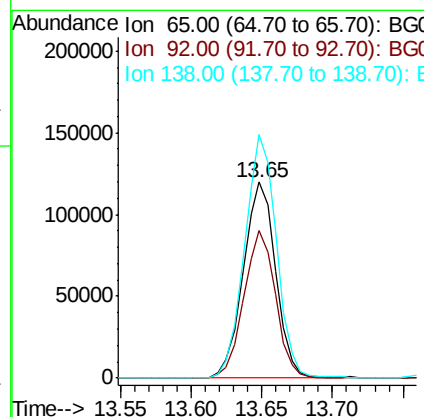
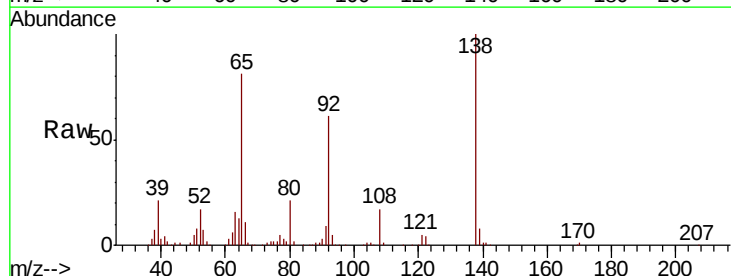
Manual Integrations
APPROVED

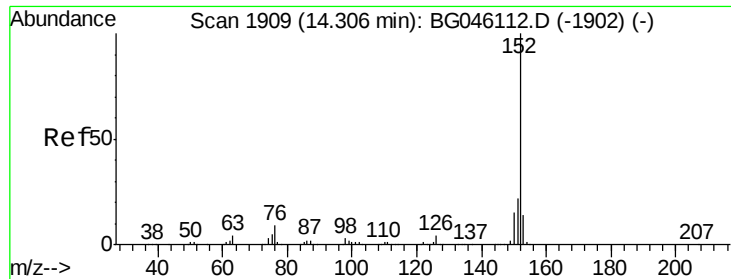
mohammad
8/10/2020 3:43:40 PM



#48
2-Nitroaniline
Concen: 42.102 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	192495		
92	75.6	57.4	86.2	
138	124.2	91.1	136.7	





#49

Acenaphthylene

Concen: 39.634 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

Tot Ion:152 Resp: 1073501

Ion Ratio Lower Upper

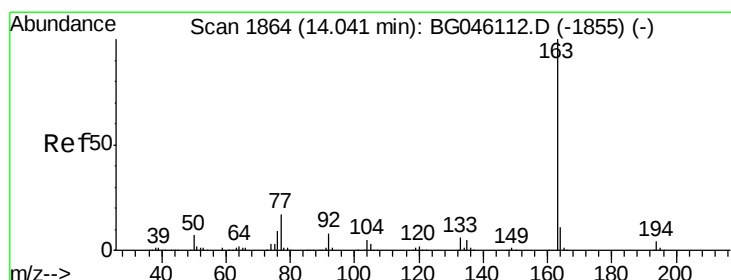
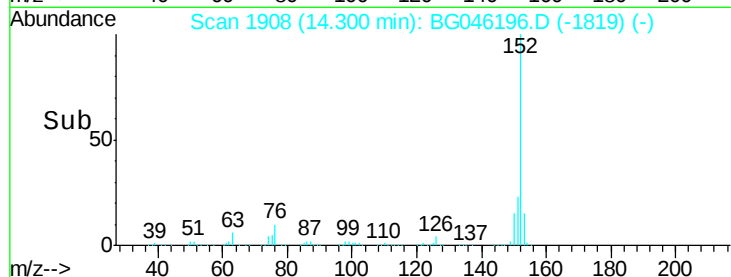
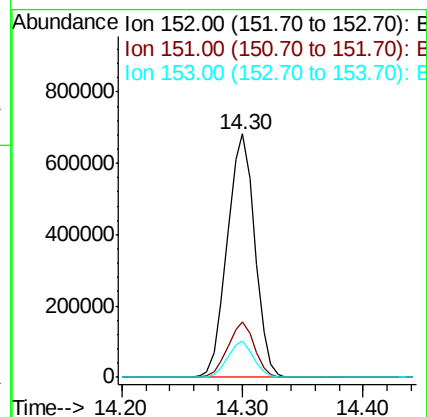
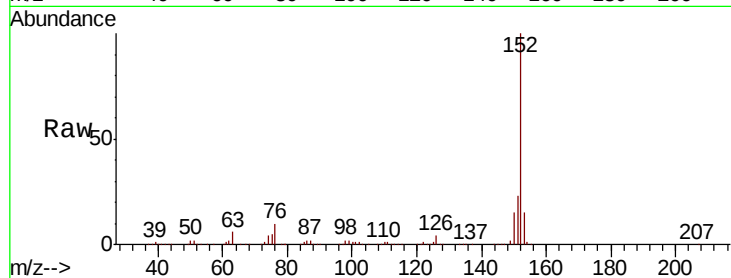
152 100

151 22.7 17.4 26.2

153 14.7 10.9 16.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 47.329 ng

RT: 14.04 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

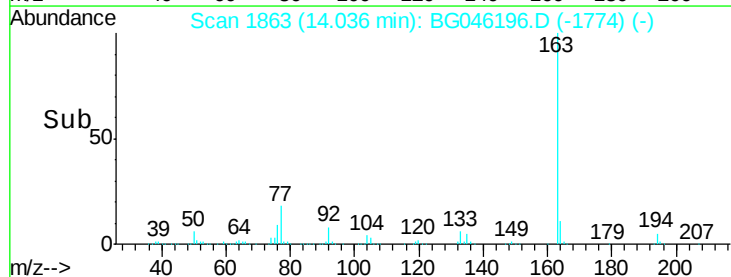
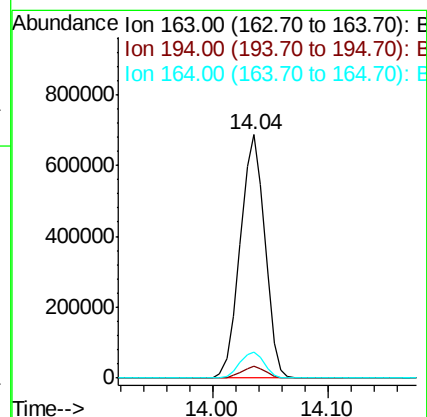
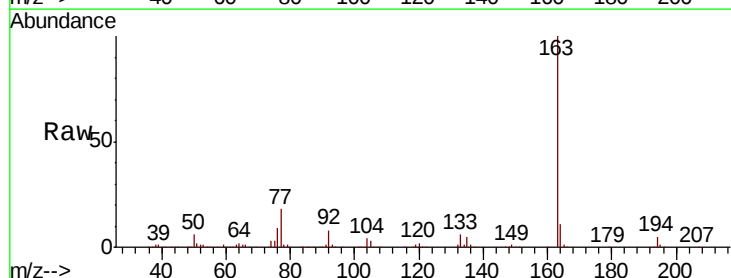
Tgt Ion:163 Resp: 1012587

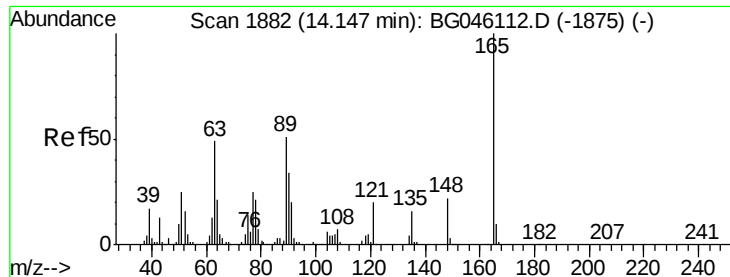
Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

164 10.9 8.8 13.2





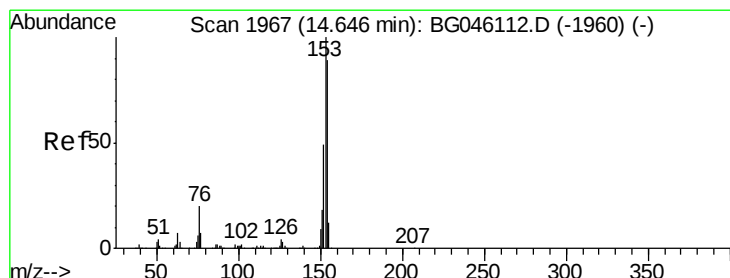
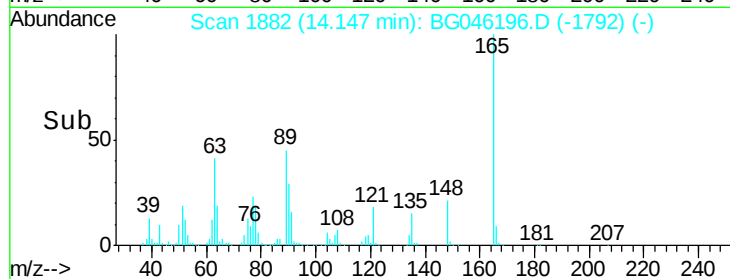
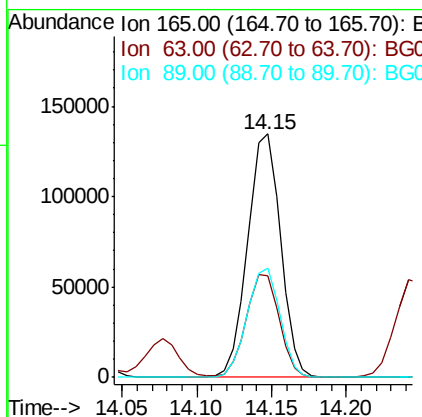
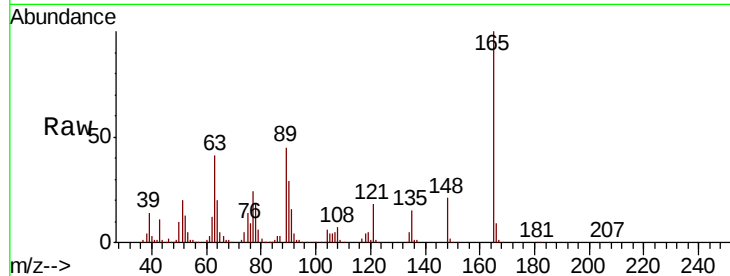
#51
2,6-Dinitrotoluene
Concen: 41.265 ng
RT: 14.15 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	205469		
63	41.5		39.7	59.5
89	44.7		41.0	61.6

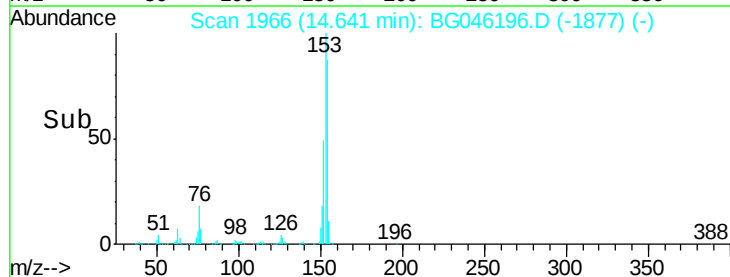
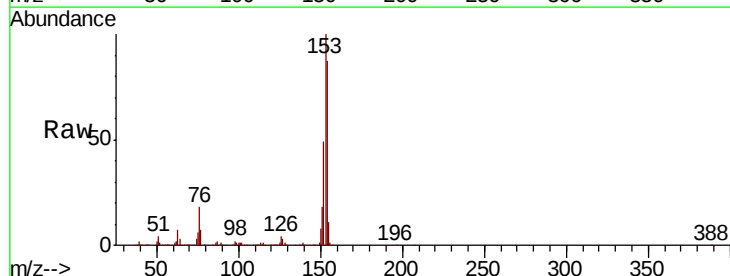
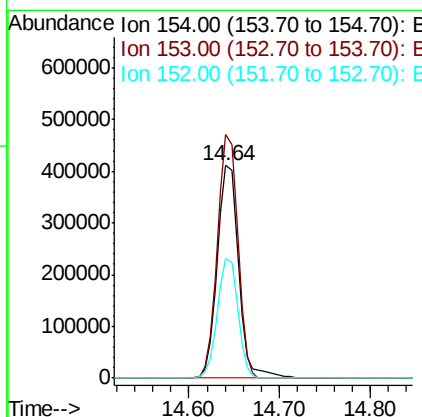
Manual Integrations
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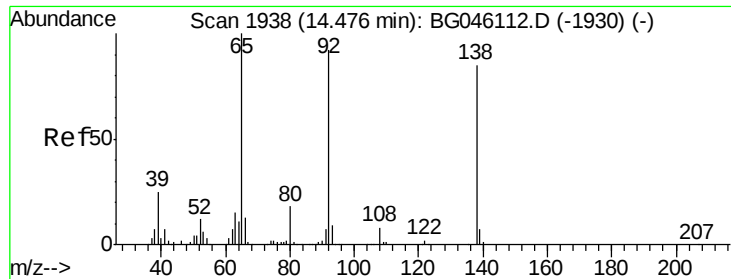
mohammad
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#52
Acenaphthene
Concen: 37.539 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	671048		
153	114.5		89.8	134.8
152	56.3		44.5	66.7





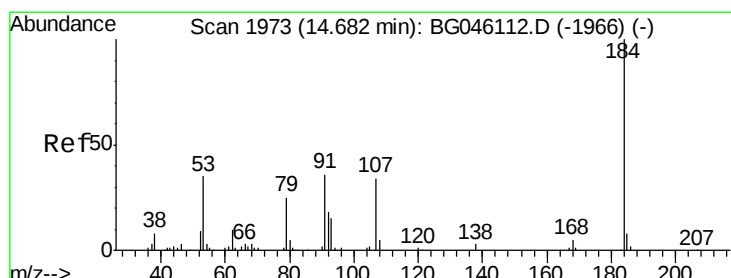
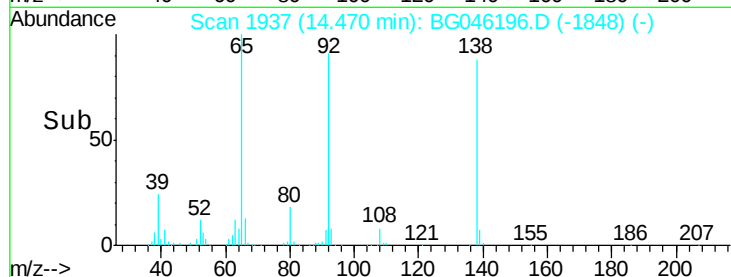
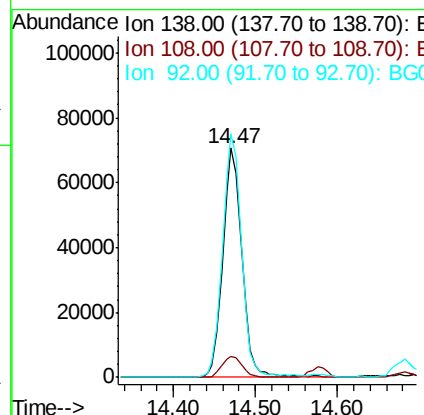
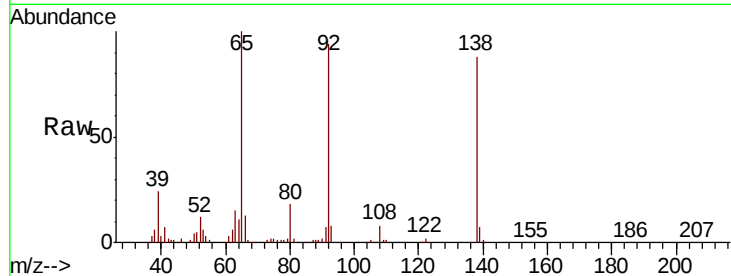
#53
3-Nitroaniline
Concen: 23.361 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	115318		
108	9.0	7.2	10.8	
92	106.3	87.5	131.3	

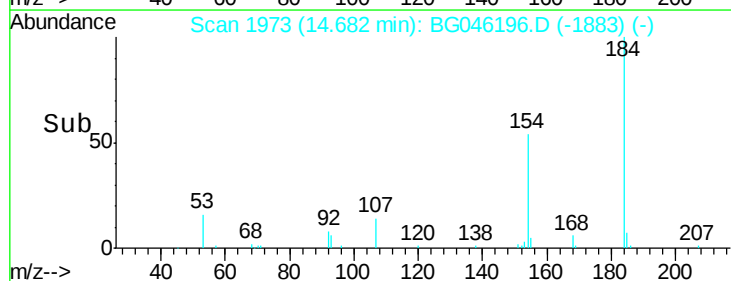
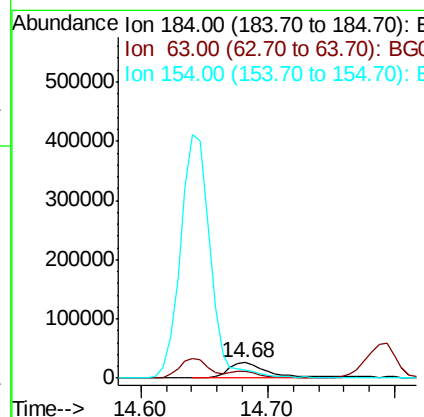
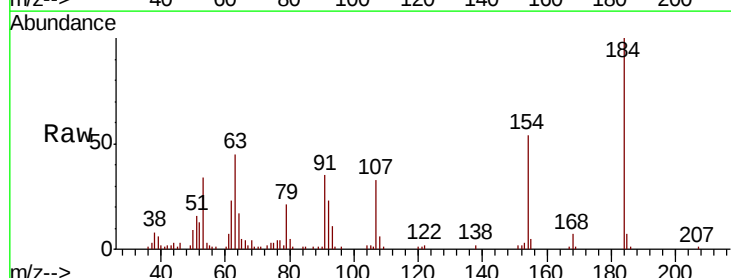
Manual Integrations
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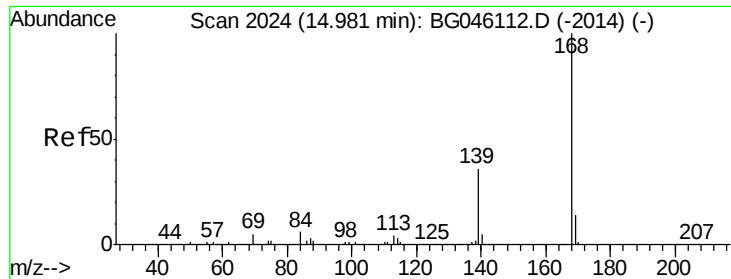
mohammad
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#54
2,4-Dinitrophenol
Concen: 23.587 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	57167		
63	45.1	36.7	55.1	
154	54.4	41.3	61.9	





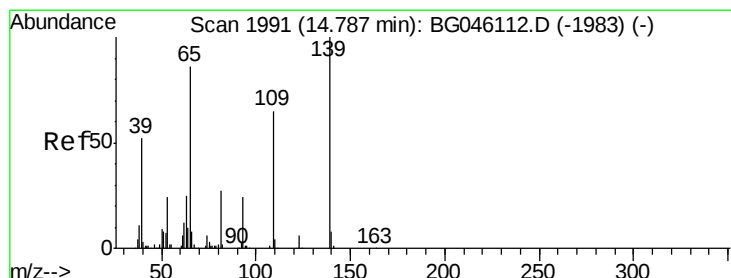
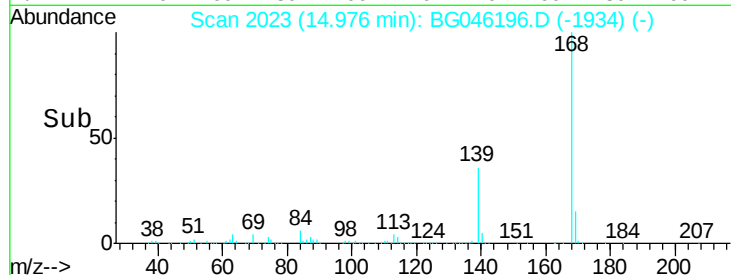
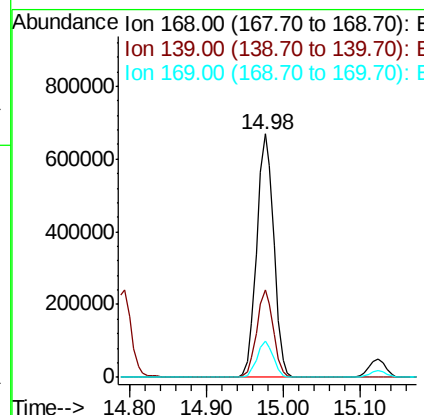
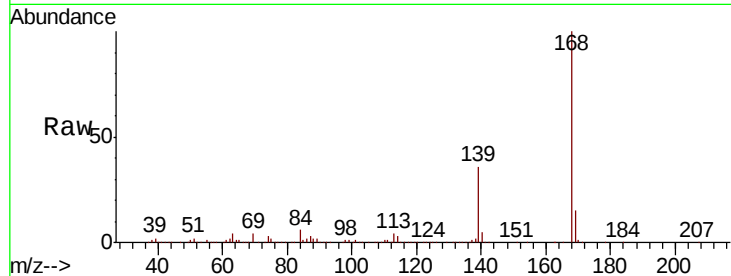
#55
Dibenzenofuran
Concen: 38.477 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion:168 Resp: 1037860
Ion Ratio Lower Upper
168 100
139 36.1 29.0 43.4
169 14.7 11.3 16.9

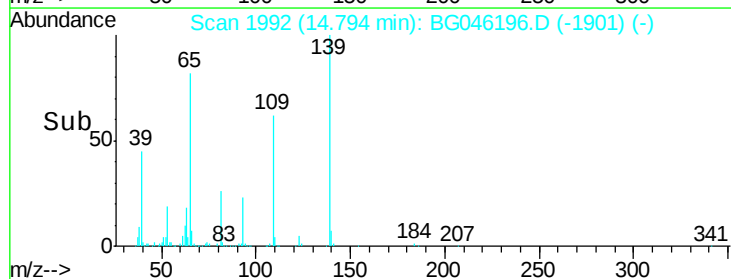
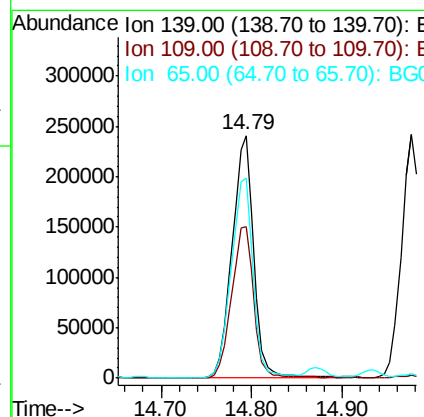
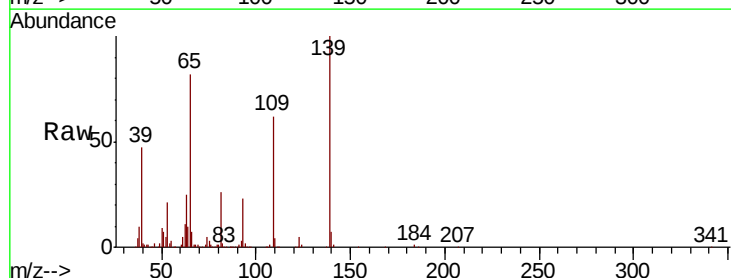
Manual Integrations
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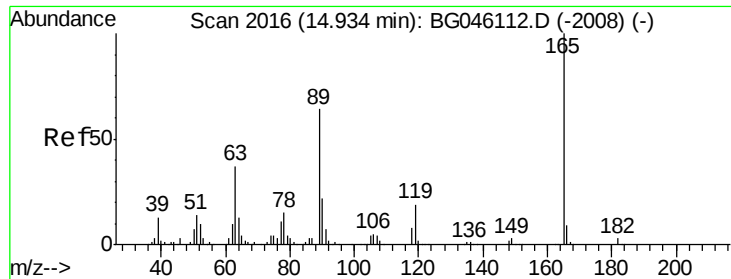
mohammad
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#56
4-Nitrophenol
Concen: 93.921 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion:139 Resp: 402525
Ion Ratio Lower Upper
139 100
109 62.3 45.1 85.1
65 82.4 66.4 106.4





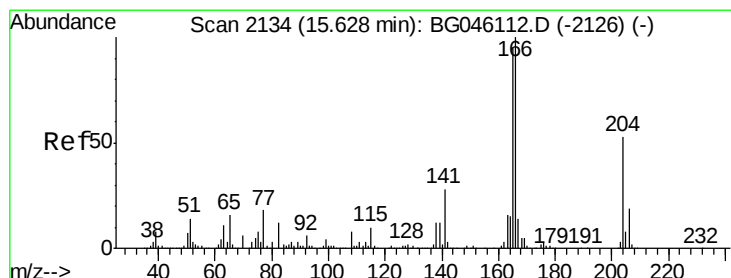
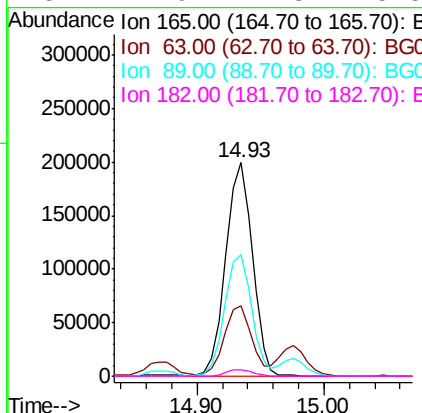
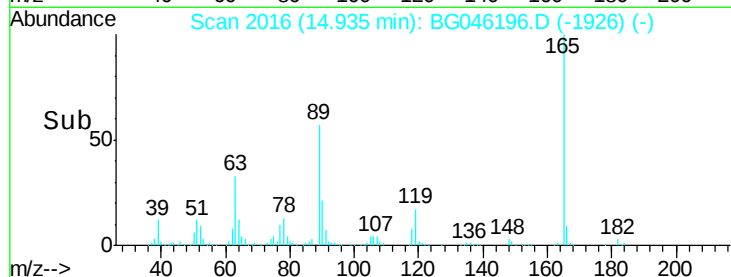
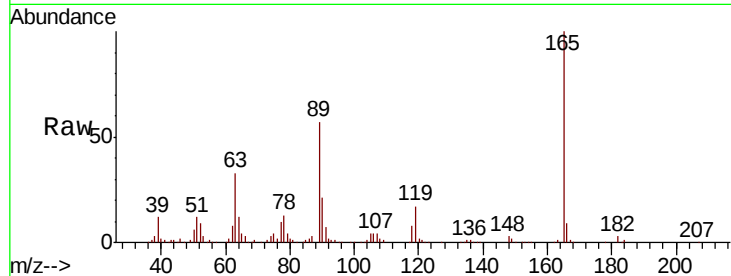
#57
2,4-Dinitrotoluene
Concen: 42.616 ng
RT: 14.93 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	291749		
63	32.8		30.1	45.1
89	56.7		51.4	77.2
182	2.9		2.3	3.5

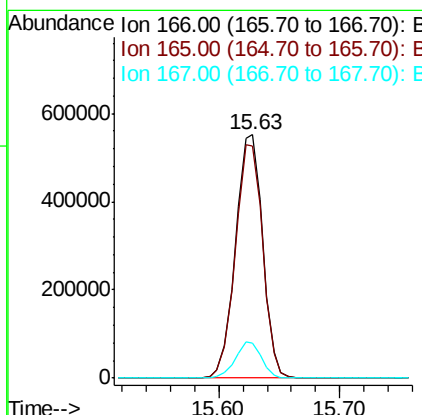
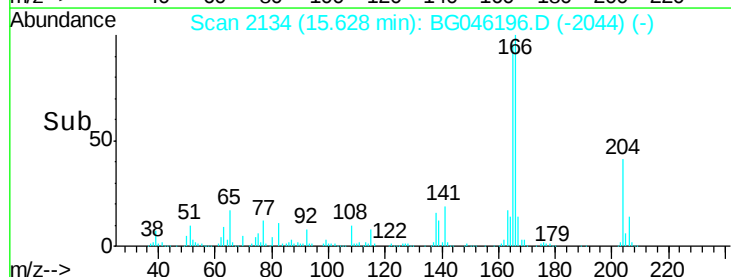
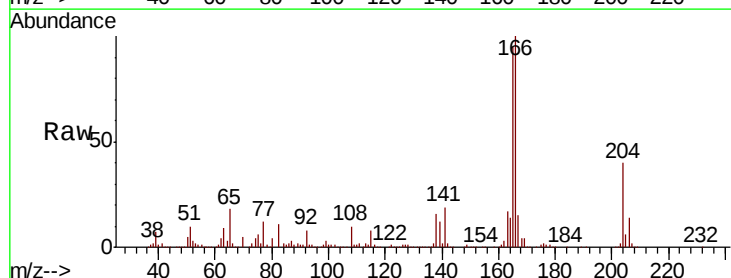
Manual Integrations
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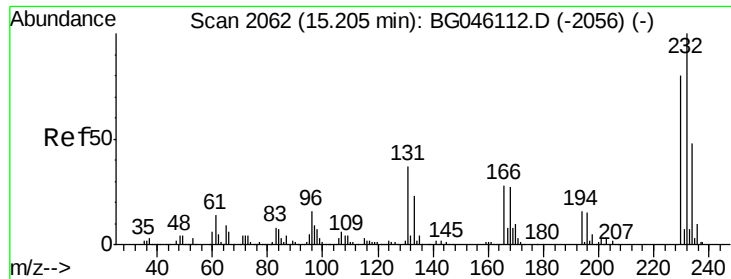
mohammad
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#58
Fluorene
Concen: 39.485 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	862530		
165	95.2		76.3	114.5
167	14.5		11.0	16.6





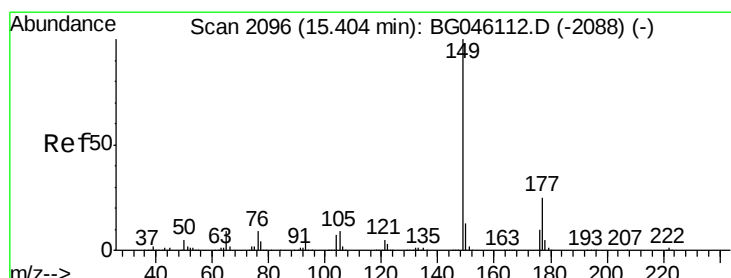
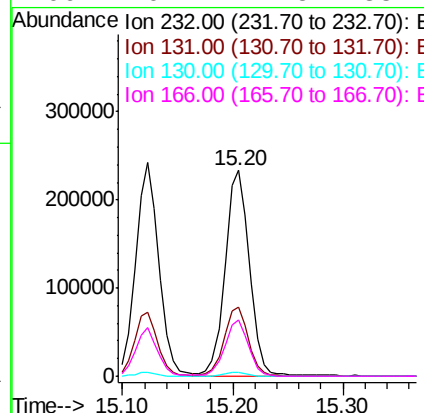
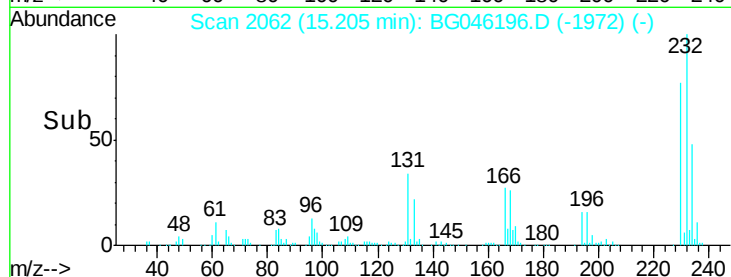
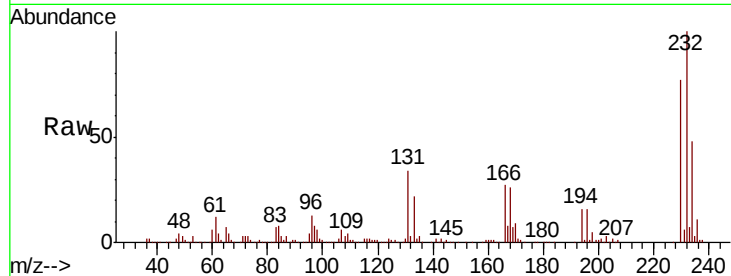
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.386 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	358153		
131	33.3	28.6	42.8	
130	1.8	1.6	2.4	
166	26.2	22.5	33.7	

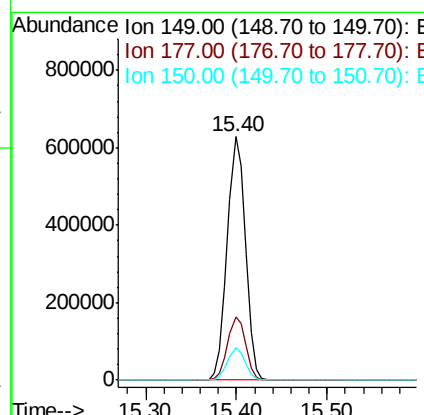
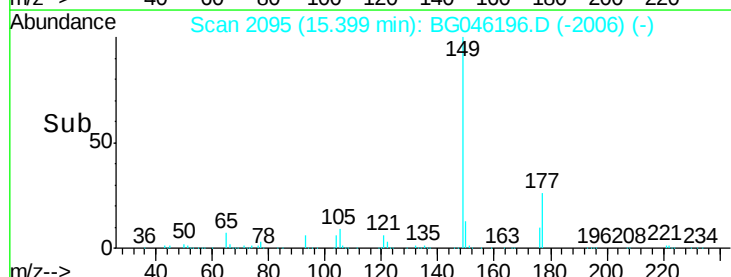
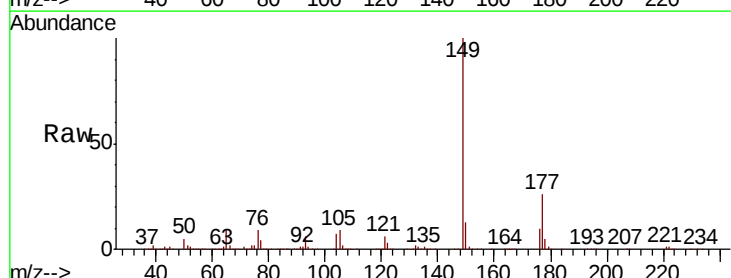
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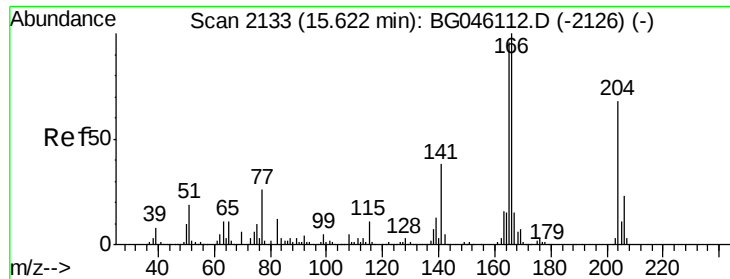
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#60
 Diethylphthalate
 Concen: 41.374 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	870783		
177	25.8	19.7	29.5	
150	13.5	10.8	16.2	





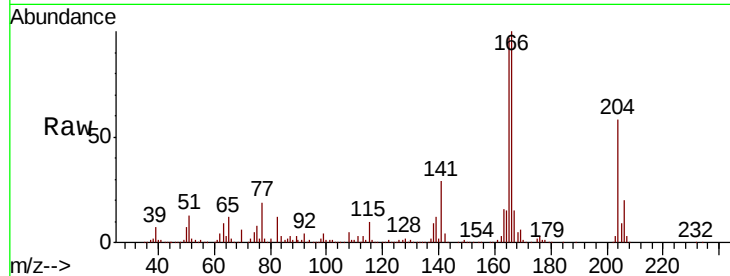
#61
4-Chlorophenyl-phenylether
Concen: 41.239 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.7	41.5
141	50.4	44.7	67.1

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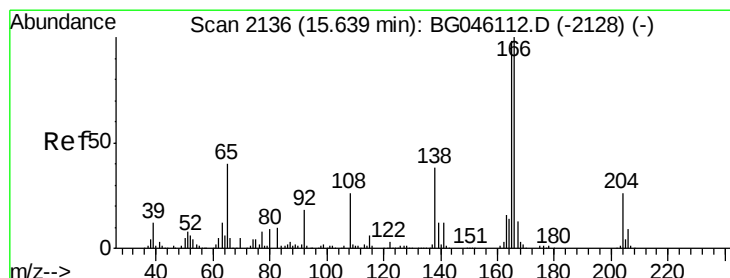
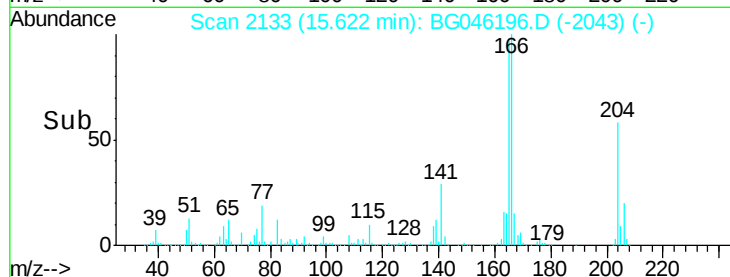
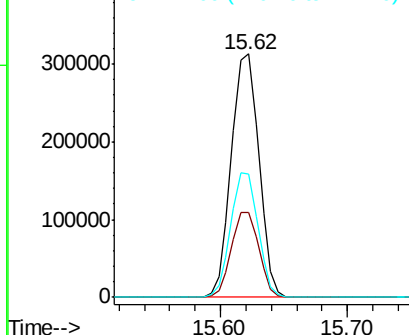


Abundance

Ion 204.00 (203.70 to 204.70): E

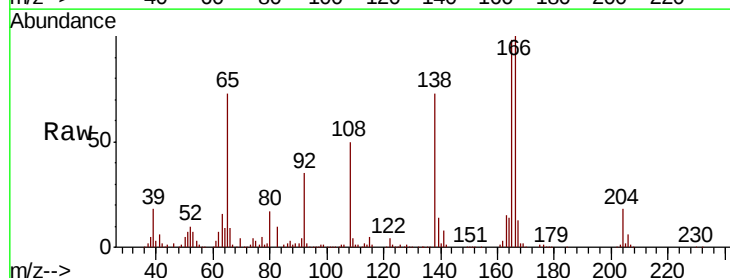
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 45.131 ng
RT: 15.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	28.3	68.3
108	68.1	49.2	89.2

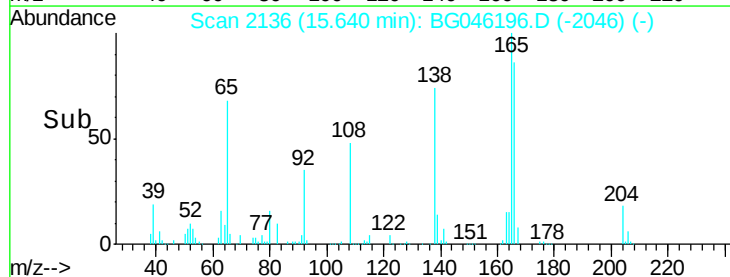
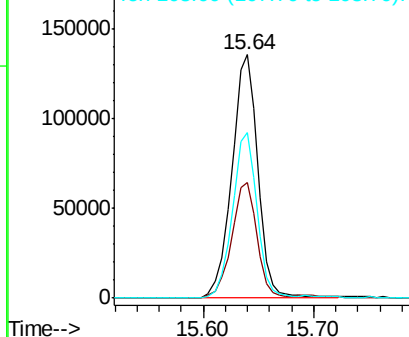


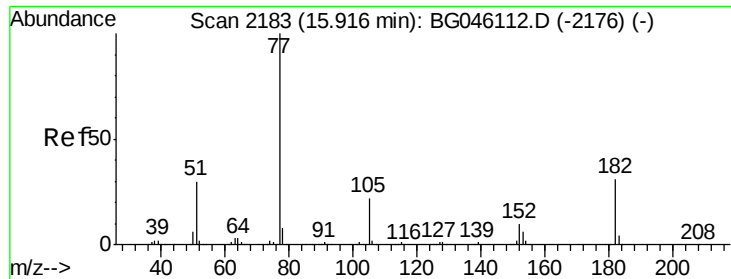
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





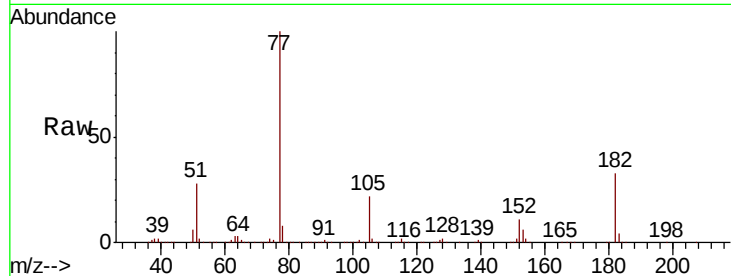
#63
Azobenzene
Concen: 37.552 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

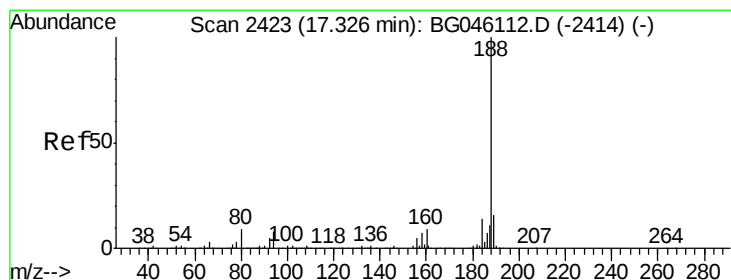
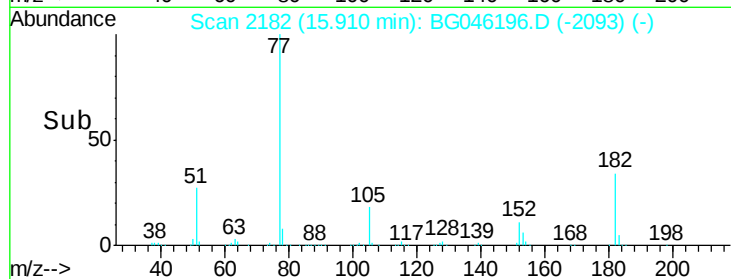
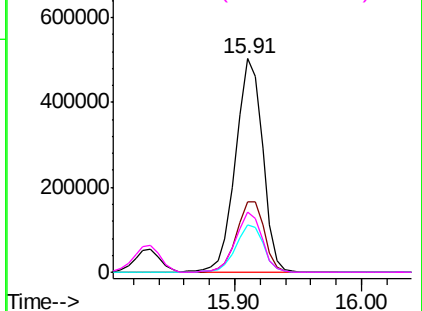
Tot Ion:	77	Resp:	740707
Ion Ratio	Lower	Upper	
77	100		
182	33.2	10.7	50.7
105	22.3	1.9	41.9
51	28.1	9.5	49.5

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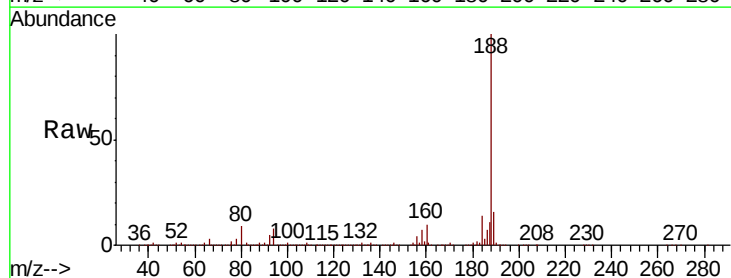


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

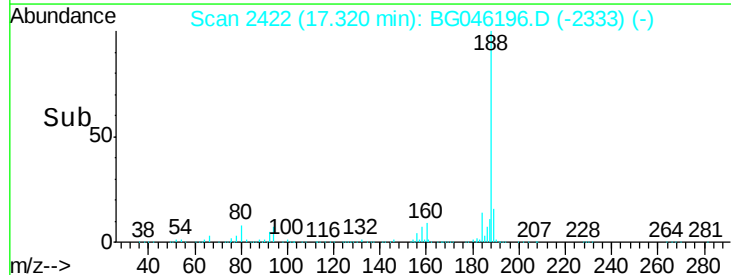
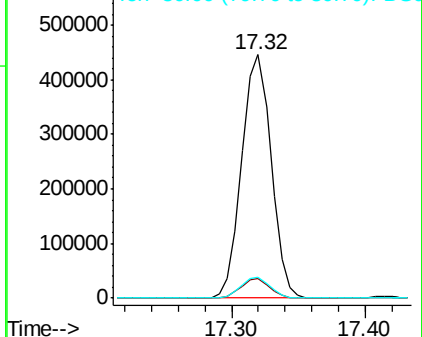


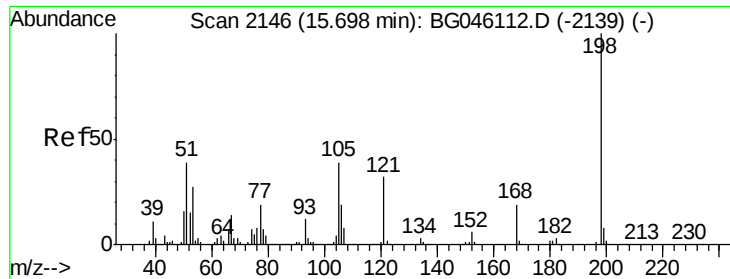
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion:	188	Resp:	678823
Ion Ratio	Lower	Upper	
188	100		
94	7.8	6.4	9.6
80	8.5	7.4	11.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 22.479 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

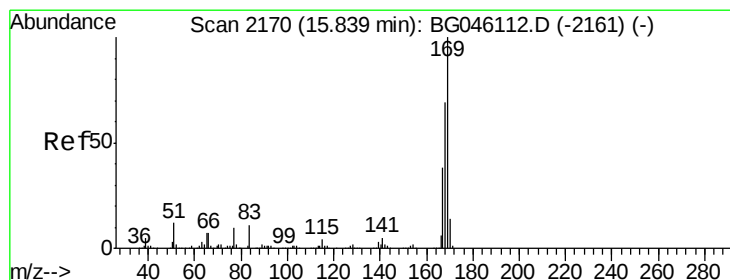
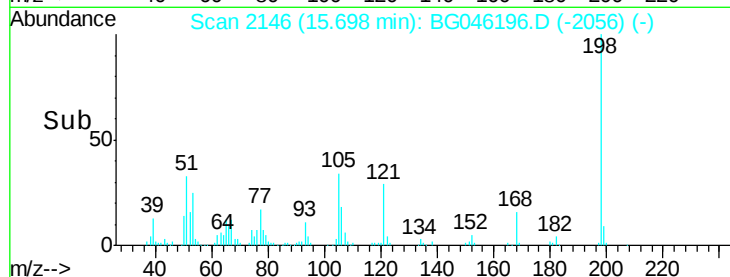
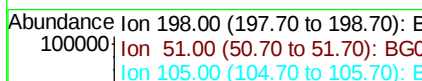
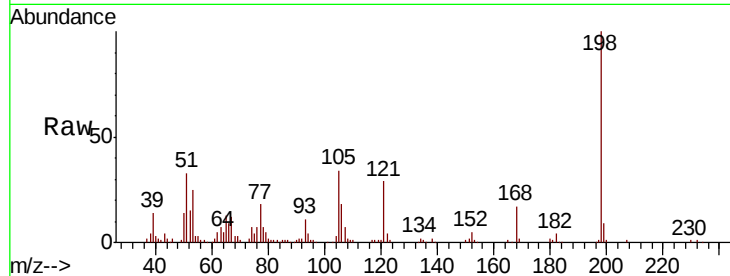
ClientSampleId :

TP-2MSD

Tot Ion:	198	Resp:	100919
Ion Ratio	Lower	Upper	
198	100		
51	33.2	20.1	60.1
105	34.4	19.2	59.2

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#66

n-Nitrosodiphenylamine

Concen: 39.131 ng

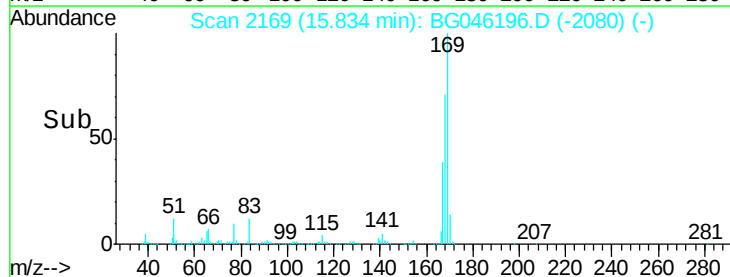
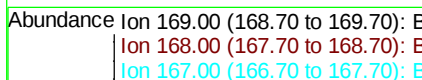
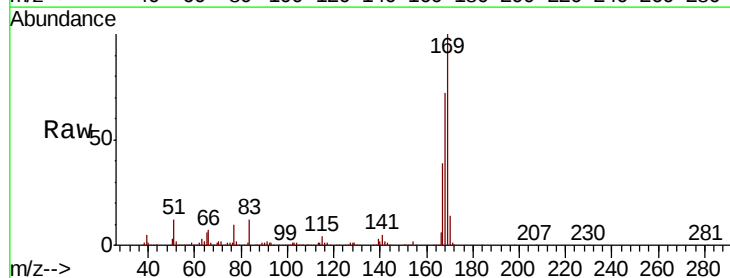
RT: 15.83 min Scan# 2169

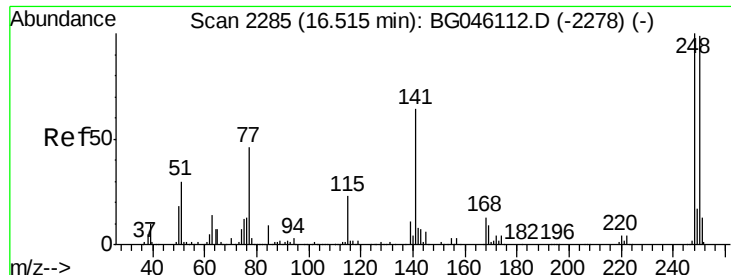
Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Tgt Ion:	169	Resp:	804058
Ion Ratio	Lower	Upper	
169	100		
168	71.5	55.1	82.7
167	39.4	30.5	45.7





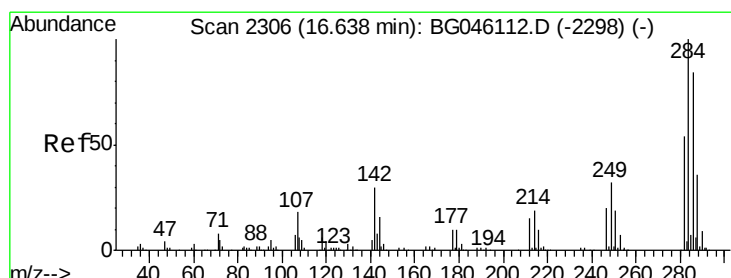
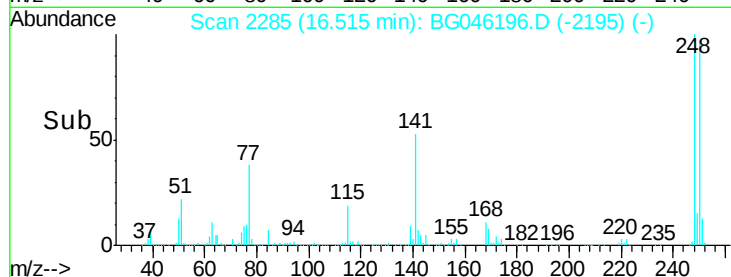
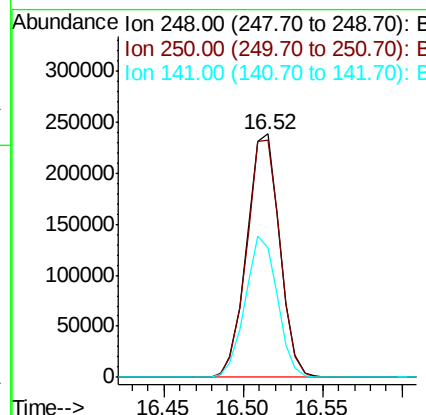
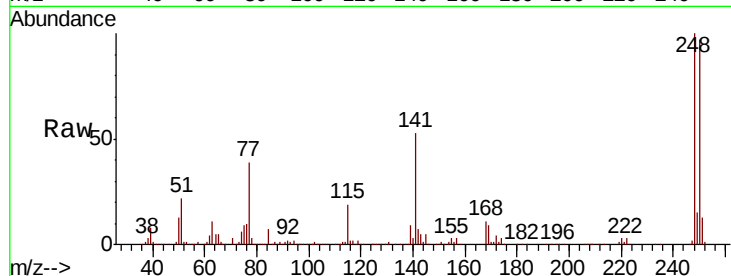
#67
4-Bromophenyl-phenylether
Concen: 40.904 ng
RT: 16.52 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	79.4	119.0
141	53.2	50.9	76.3

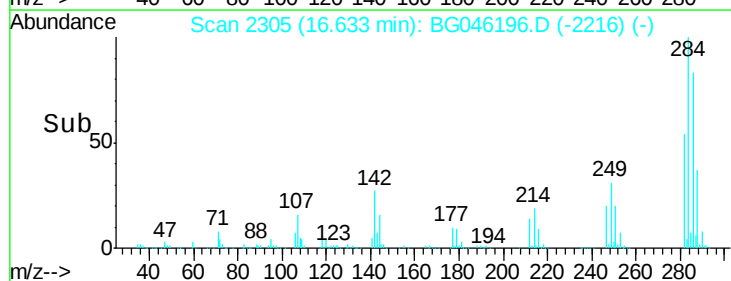
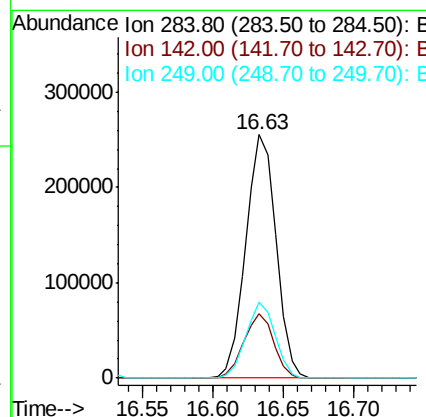
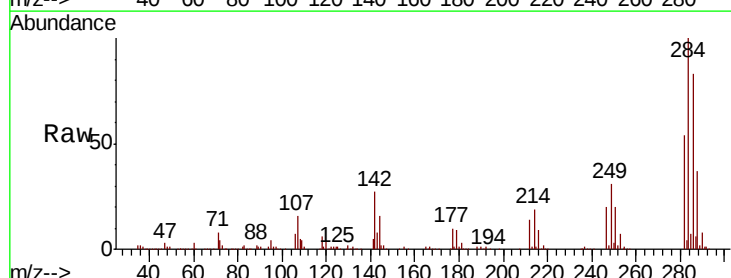
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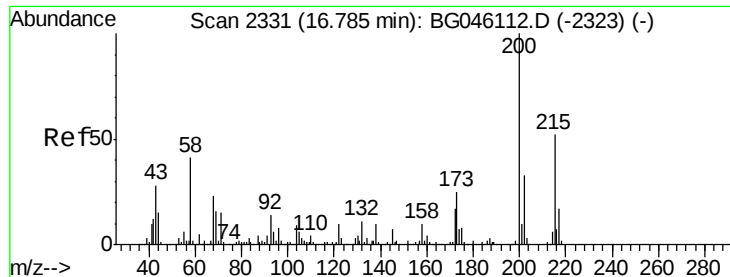
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#68
Hexachlorobenzene
Concen: 40.834 ng
RT: 16.63 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.5	23.6	35.4
249	31.4	25.3	37.9





#69

Atrazine

Concen: 39.417 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

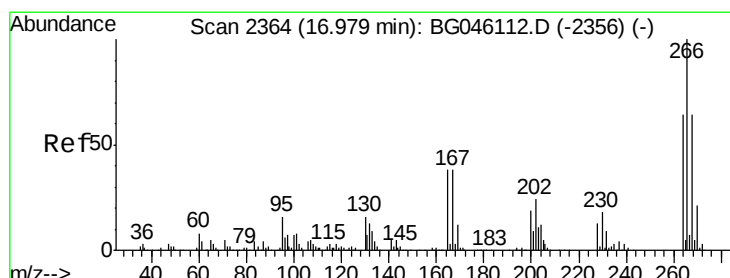
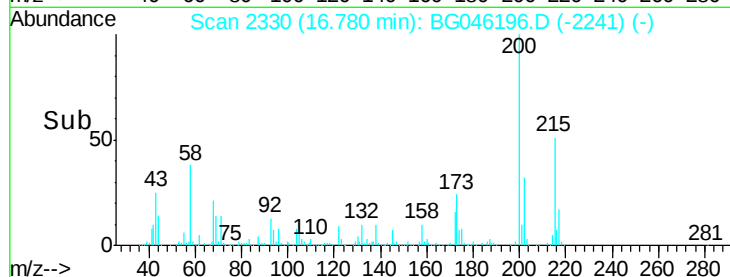
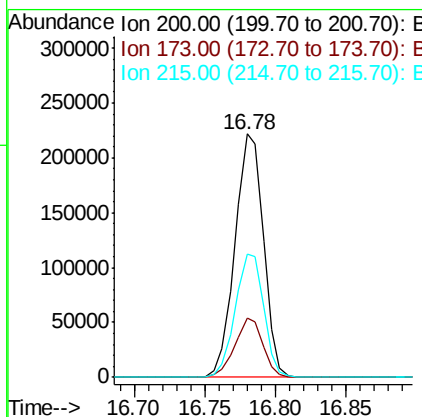
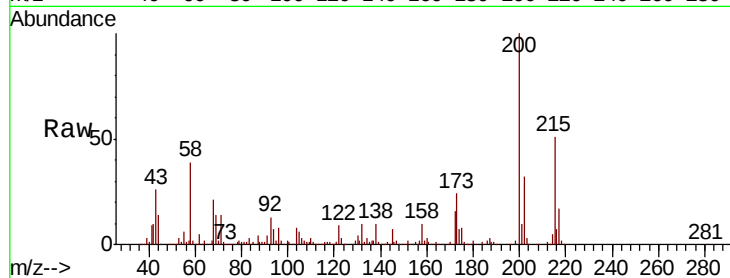
ClientSampleId :

TP-2MSD

Tot Ion:	200	Resp:	311880
Ion Ratio	Lower	Upper	
200	100		
173	24.4	5.3	45.3
215	50.7	31.5	71.5

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#70

Pentachlorophenol

Concen: 72.910 ng

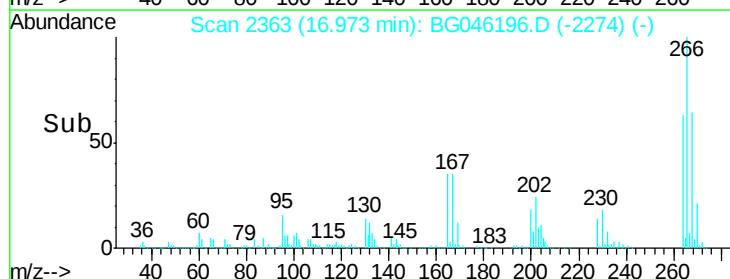
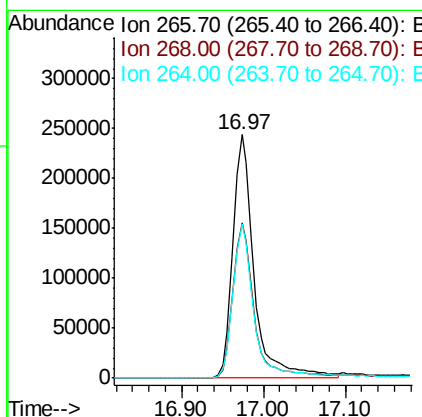
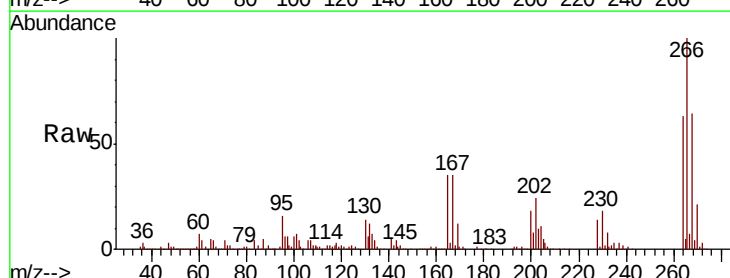
RT: 16.97 min Scan# 2363

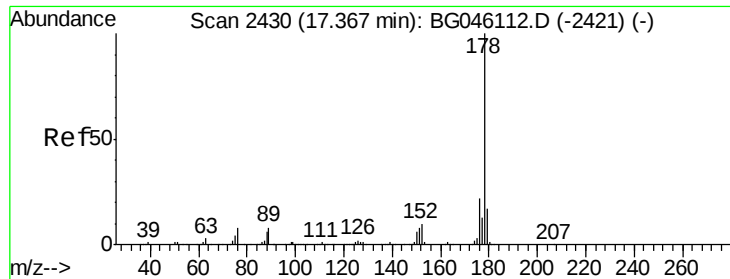
Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Tgt Ion:	266	Resp:	444861
Ion Ratio	Lower	Upper	
266	100		
268	63.7	51.2	76.8
264	63.2	51.1	76.7





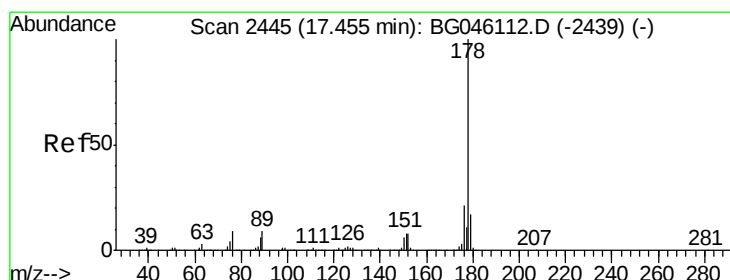
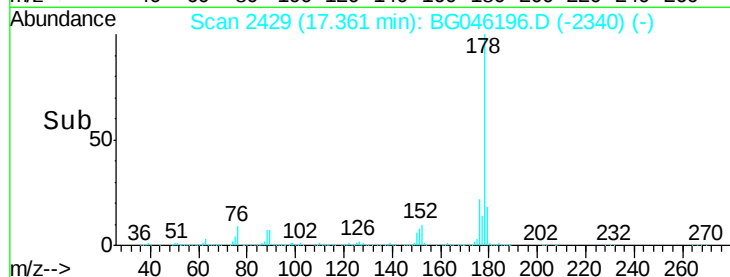
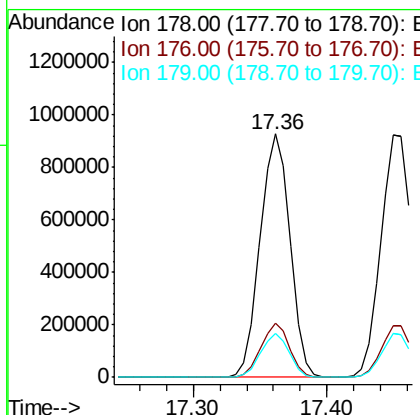
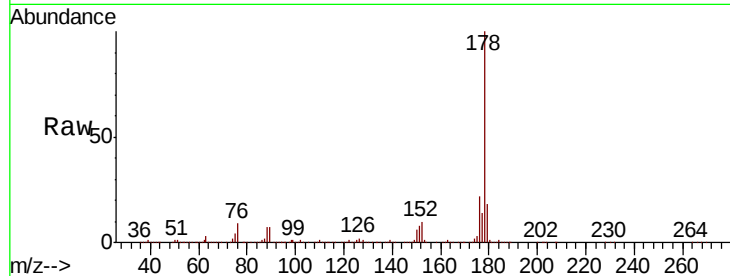
#71
Phenanthrene
Concen: 38.707 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion:178 Resp: 1439312
Ion Ratio Lower Upper
178 100
176 22.0 17.3 25.9
179 17.9 13.8 20.6

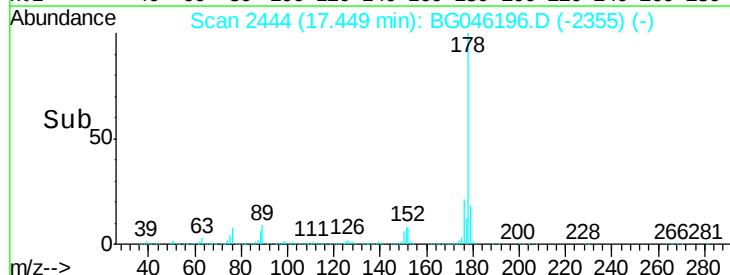
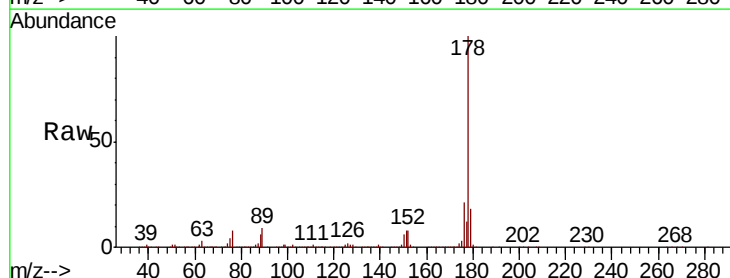
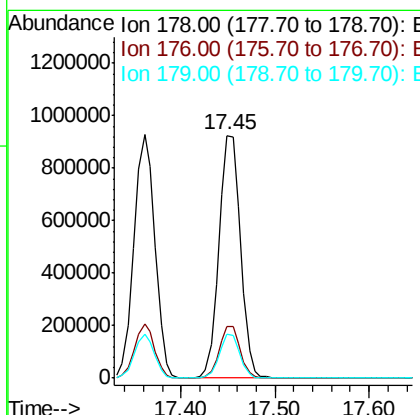
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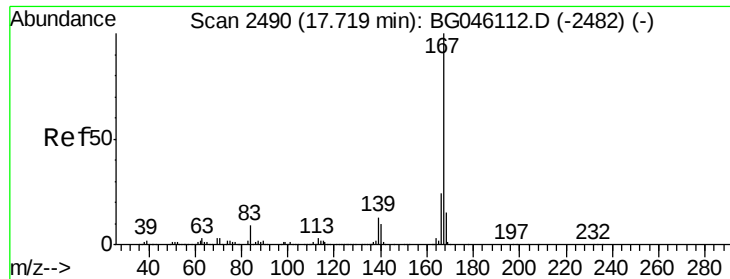
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#72
Anthracene
Concen: 39.981 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion:178 Resp: 1478782
Ion Ratio Lower Upper
178 100
176 21.5 16.6 24.8
179 18.0 13.4 20.2





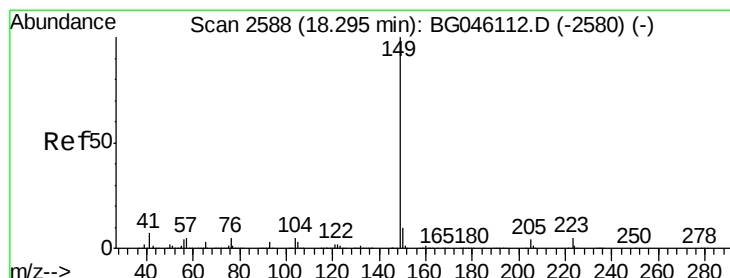
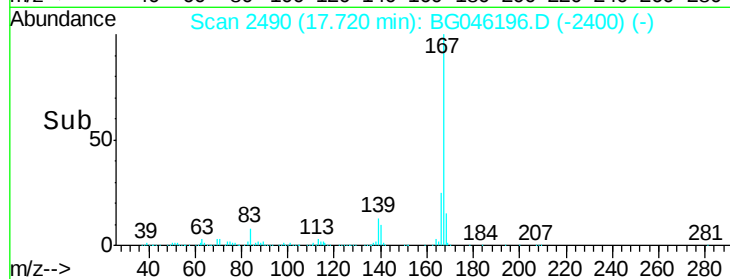
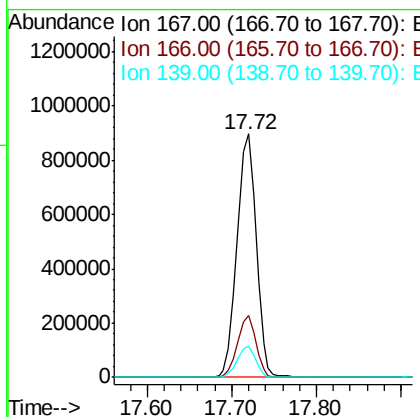
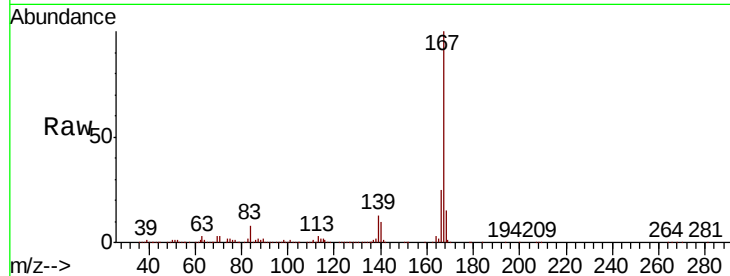
#73
 Carbazole
 Concen: 39.342 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	25.4	19.4	29.0	
139	12.9	10.1	15.1	

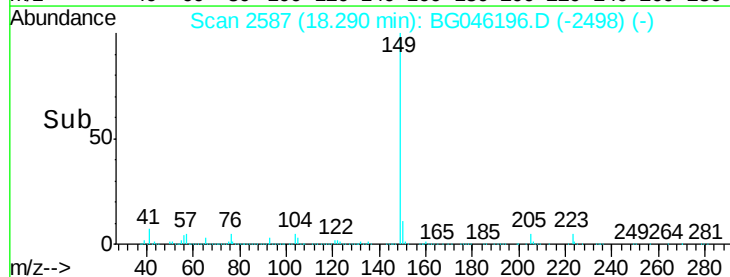
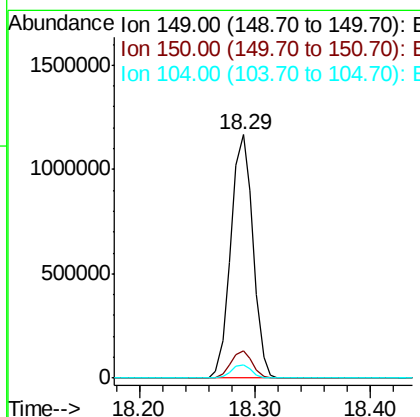
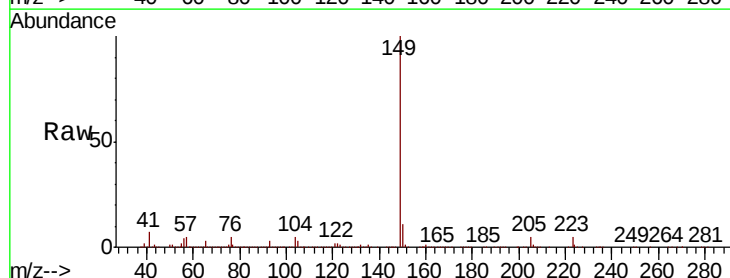
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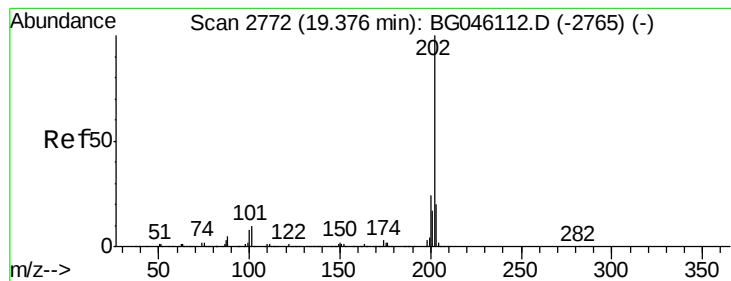
mohammad
 8/10/2020 3:43:40 PM



#74
 Di-n-butylphthalate
 Concen: 41.444 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	11.2	8.4	12.6	
104	5.5	4.2	6.2	





#75

Fluoranthene

Concen: 39.447 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

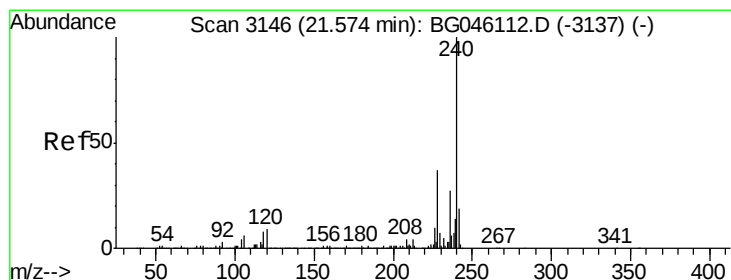
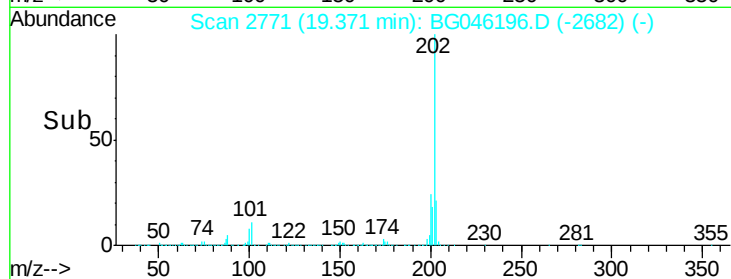
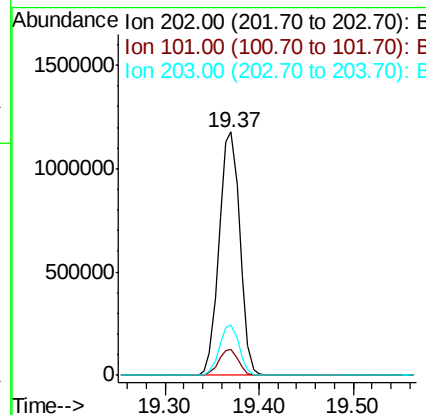
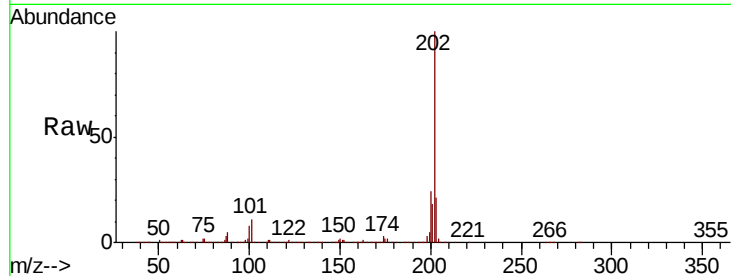
ClientSampleId :

TP-2MSD

Tot Ion:	202	Resp:	1831279
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.0
203	20.8	0.2	40.2

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#76

Chrysene-d12

Concen: 20.000 ng

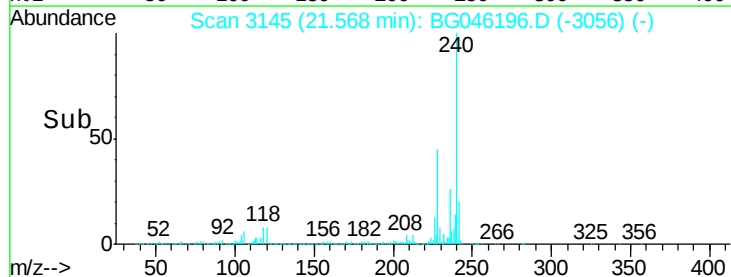
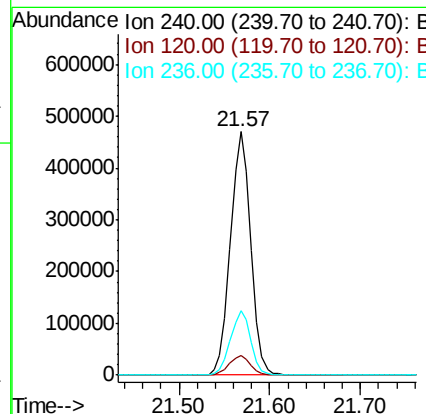
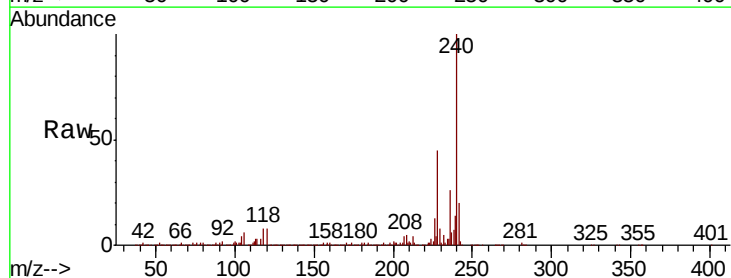
RT: 21.57 min Scan# 3145

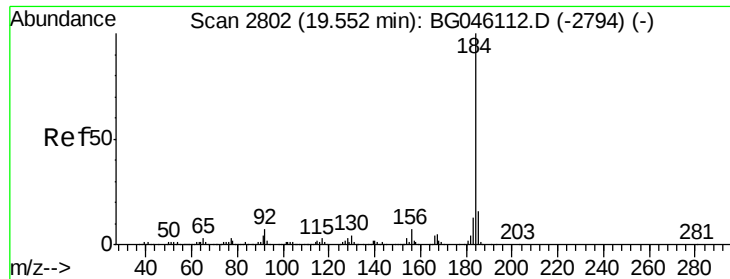
Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Tgt Ion:	240	Resp:	729107
Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.1	10.7
236	26.3	21.7	32.5





#77

Benzidine

Concen: 44.908 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

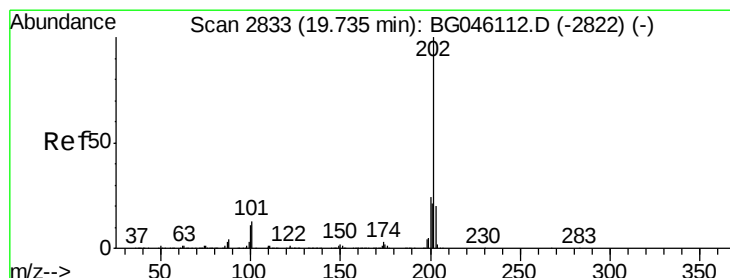
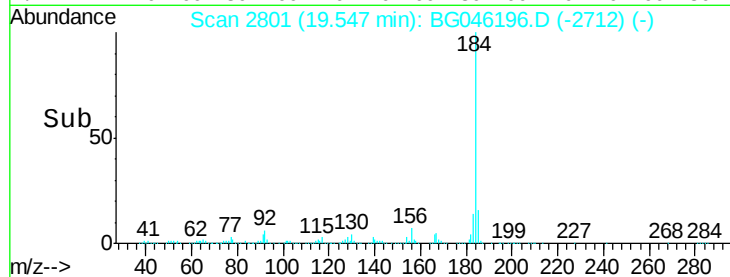
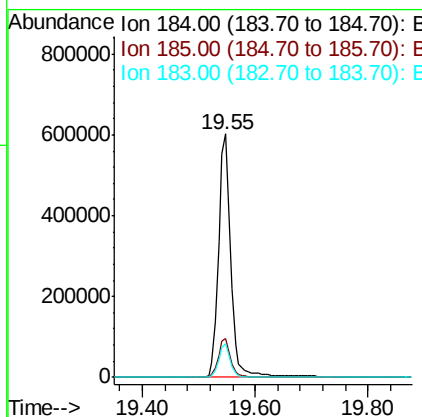
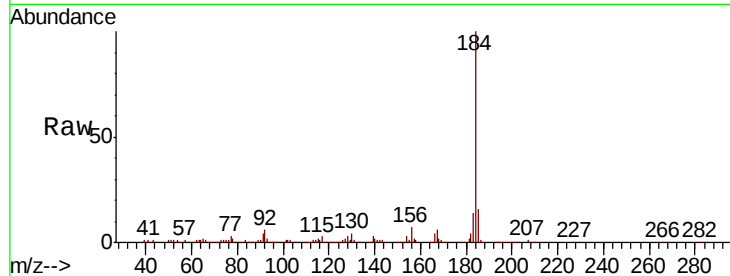
ClientSampleId :

TP-2MSD

Tot Ion:	184	Resp:	927455
Ion Ratio	Lower	Upper	
184	100		
185	16.2	13.0	19.4
183	13.6	10.5	15.7

Manual Integrations
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#78

Pyrene

Concen: 37.650 ng

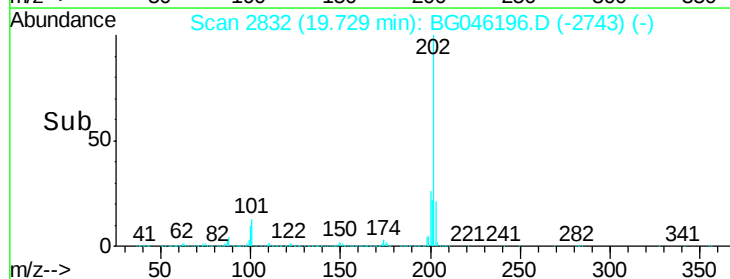
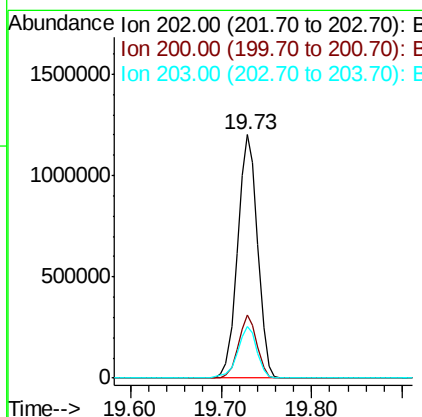
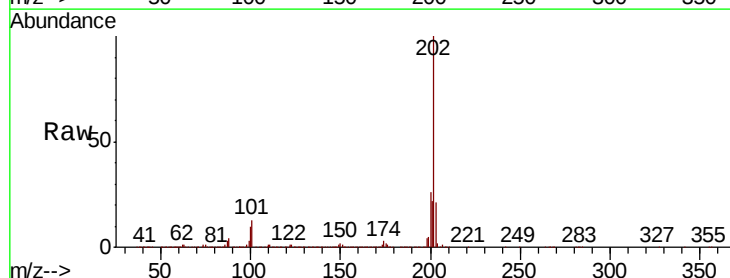
RT: 19.73 min Scan# 2832

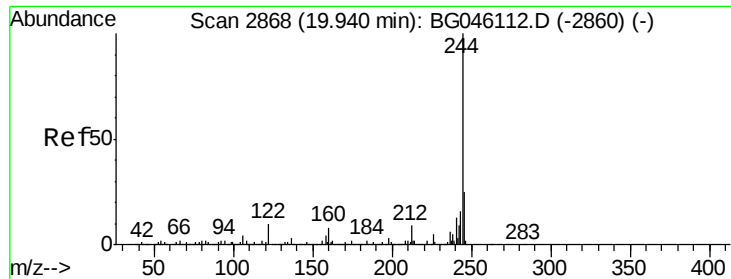
Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Tgt Ion:	202	Resp:	1844419
Ion Ratio	Lower	Upper	
202	100		
200	25.9	19.5	29.3
203	21.2	16.2	24.2





#79
 Terphenyl-d14
 Concen: 47.996 ng
 RT: 19.93 min Scan# 2866
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

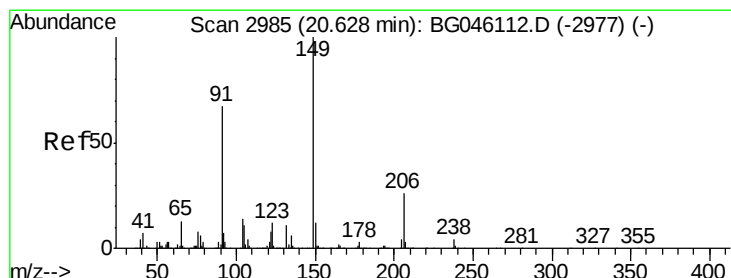
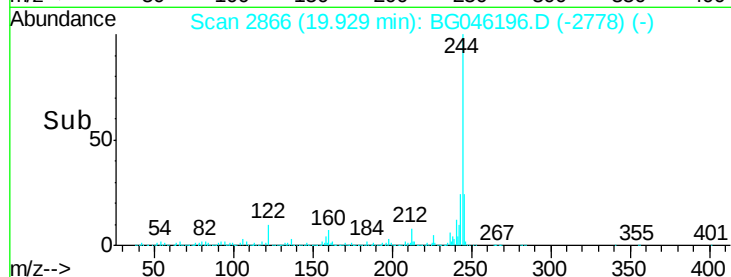
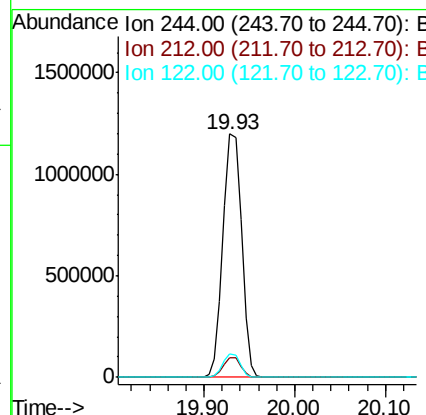
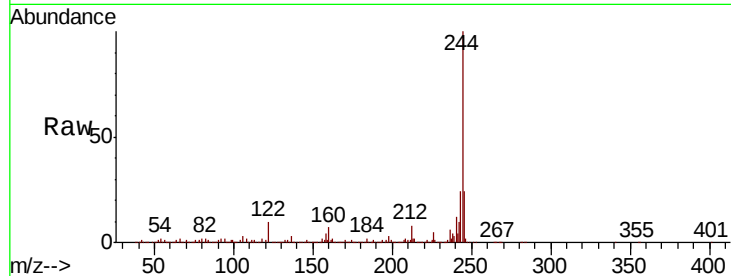
Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

Tot Ion:244 Resp: 1718246

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.2	10.8
122	9.7	8.3	12.5

Manual Integrations
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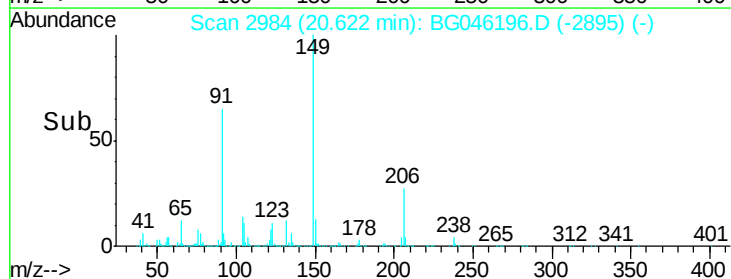
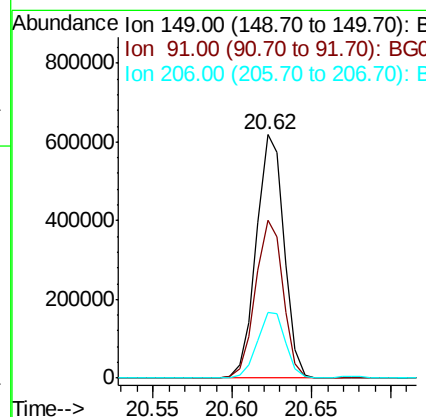
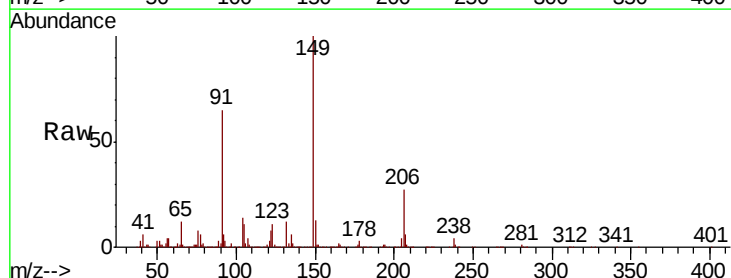
mohammad
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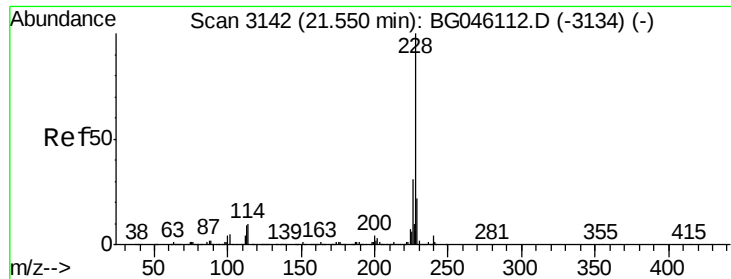


#80
 Butylbenzylphthalate
 Concen: 42.433 ng
 RT: 20.62 min Scan# 2984
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tgt Ion:149 Resp: 753027

Ion	Ratio	Lower	Upper
149	100		
91	64.9	53.8	80.8
206	26.9	20.4	30.6





#81

Benzo(a)anthracene

Concen: 38.410 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

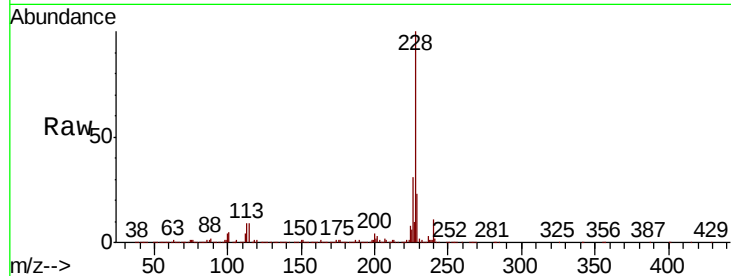
ClientSampled :

TP-2MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	23.0	17.8	26.8

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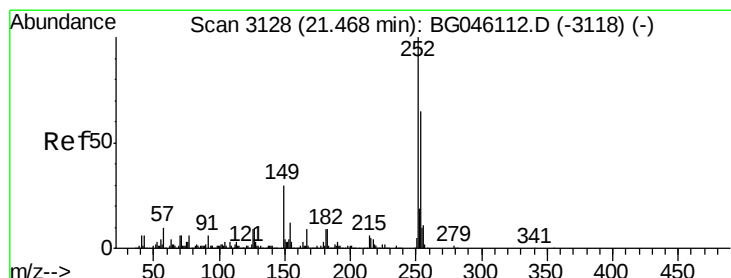
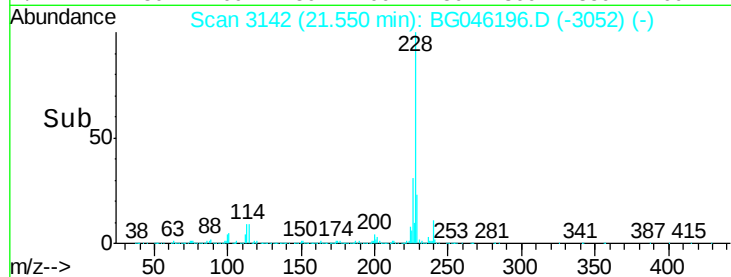
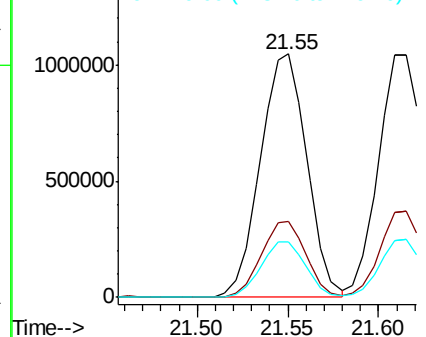


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.457 ng

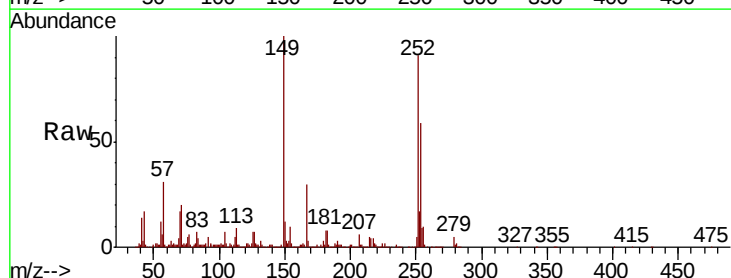
RT: 21.46 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.8
126	8.0	7.1	10.7

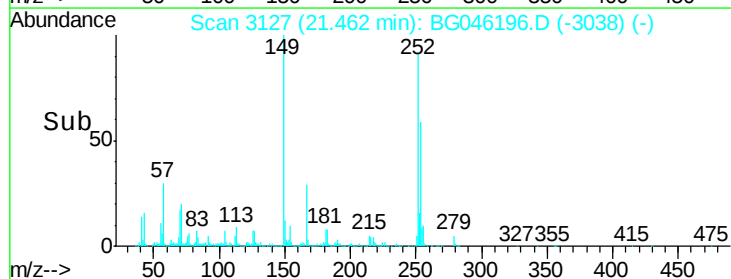
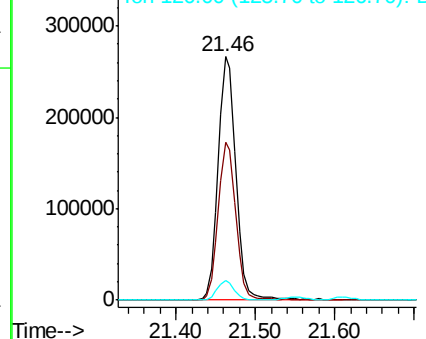


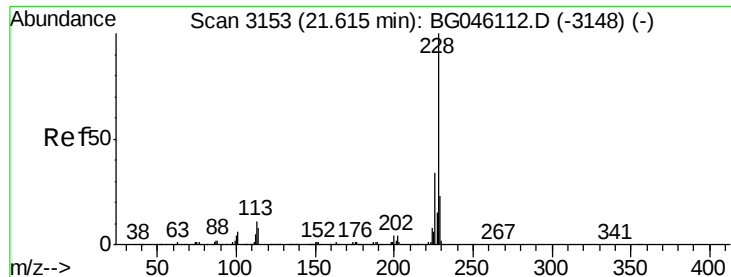
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





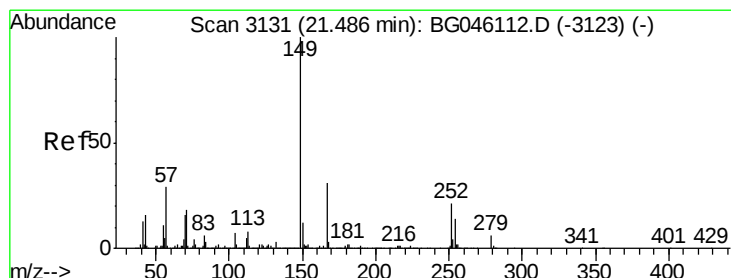
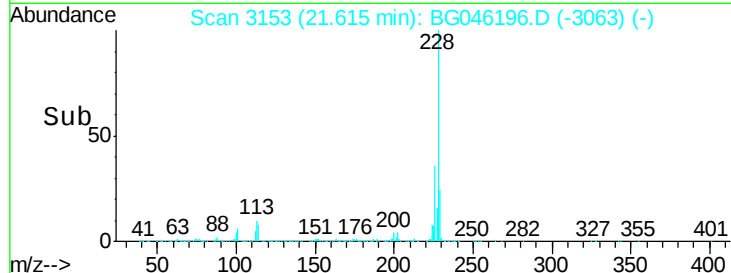
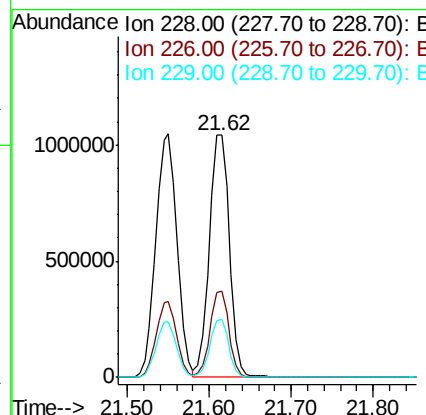
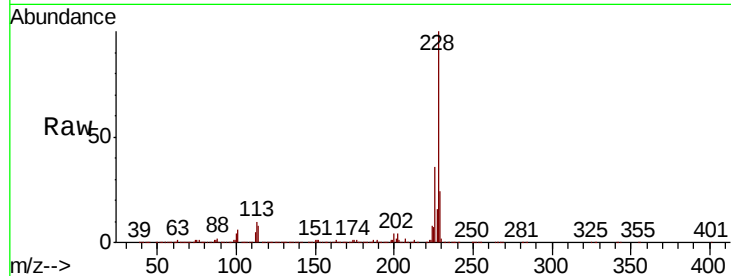
#83
 Chrvsene
 Concen: 37.215 ng
 RT: 21.62 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	35.7	26.9	40.3	
229	23.8	18.2	27.4	

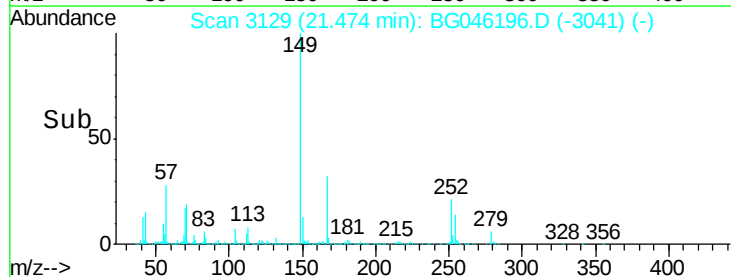
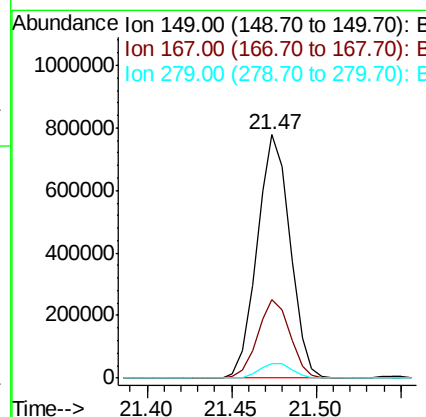
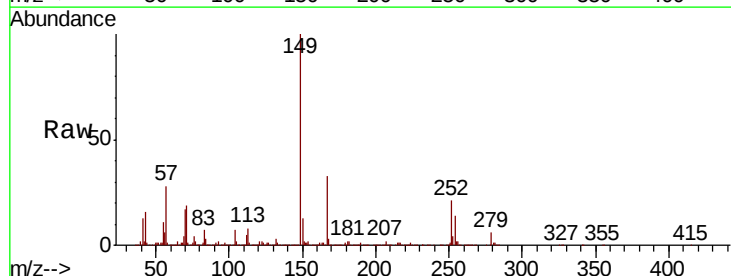
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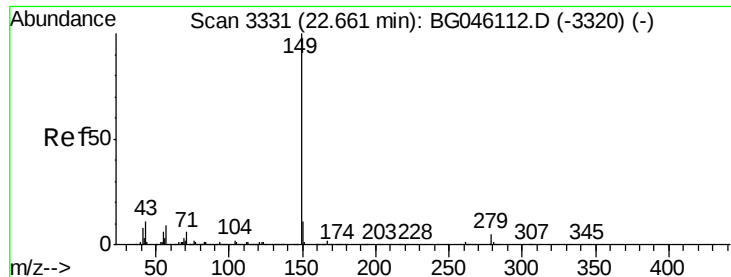
mohammad
 8/10/2020 3:43:40 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.507 ng
 RT: 21.47 min Scan# 3129
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	32.5	24.8	37.2	
279	5.9	4.6	6.8	





#85

Di-n-octyl phthalate

Concen: 42.184 ng

RT: 22.65 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampled :

TP-2MSD

Tot Ion:149 Resp: 1812111

Ion Ratio Lower Upper

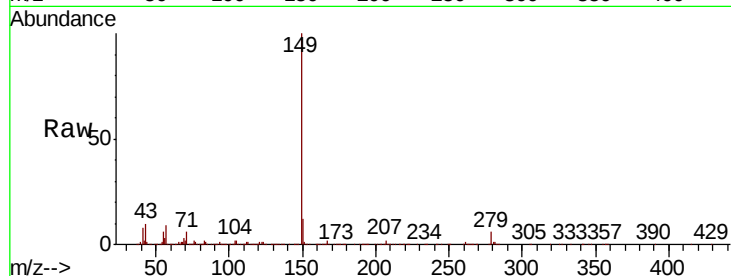
149 100

167 1.9 1.4 2.2

43 9.4 7.8 11.8

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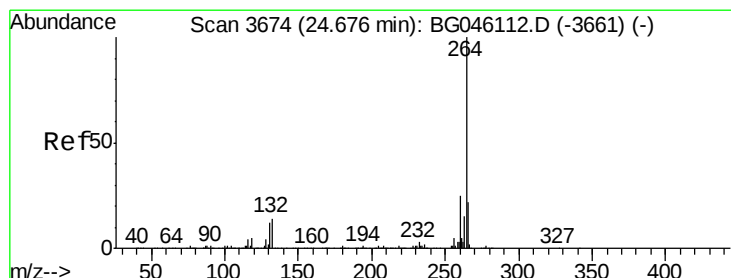
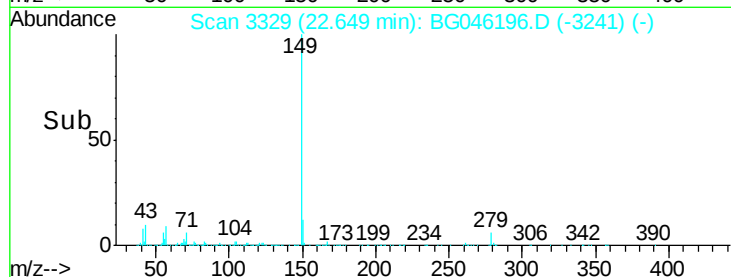
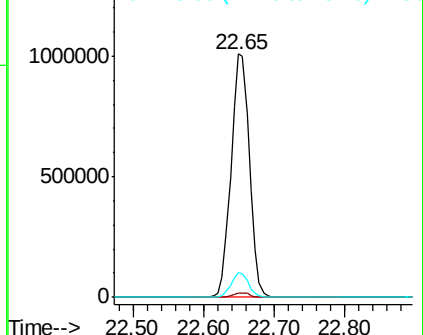
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

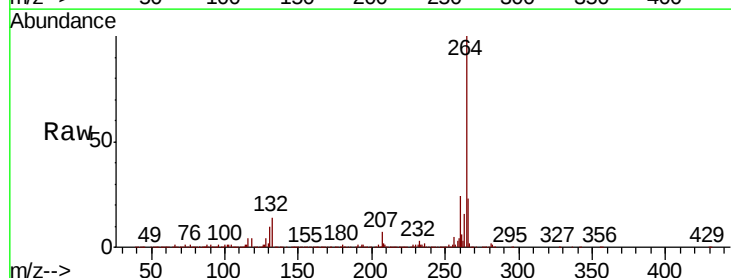
Tgt Ion:264 Resp: 793825

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

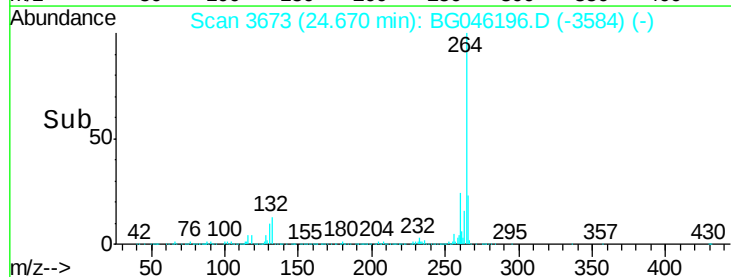
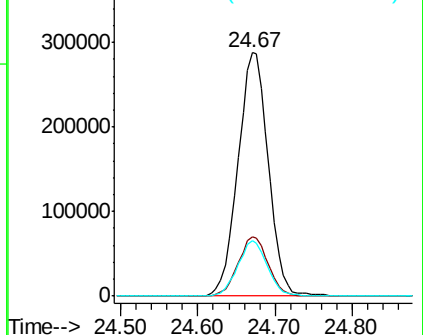
265 23.0 17.6 26.4

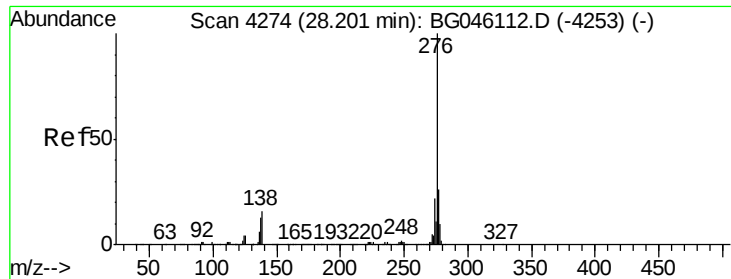


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





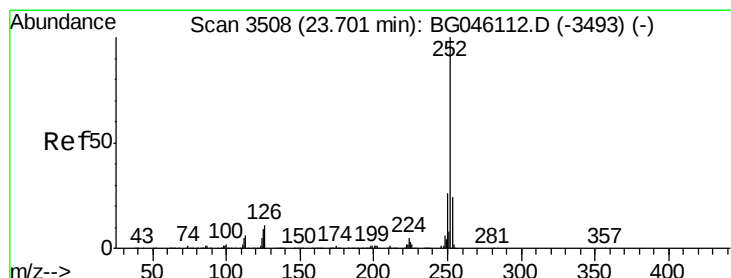
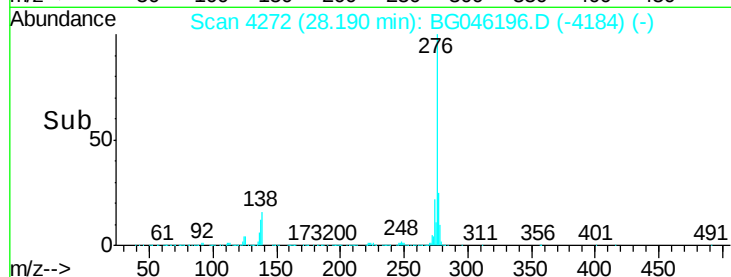
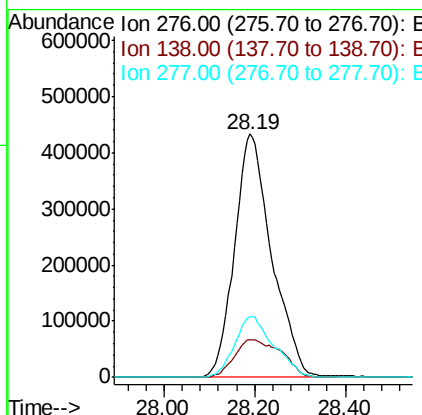
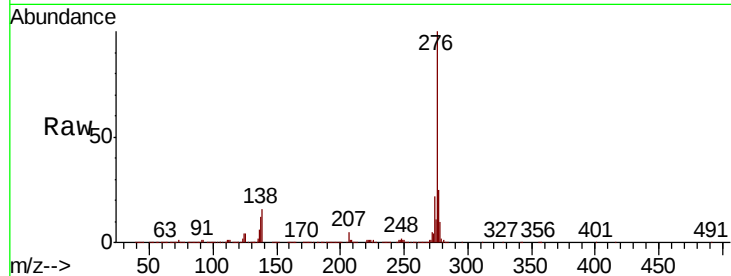
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.773 ng
 RT: 28.19 min Scan# 4272
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	11.6	17.4#
277	26.3	20.8	31.2

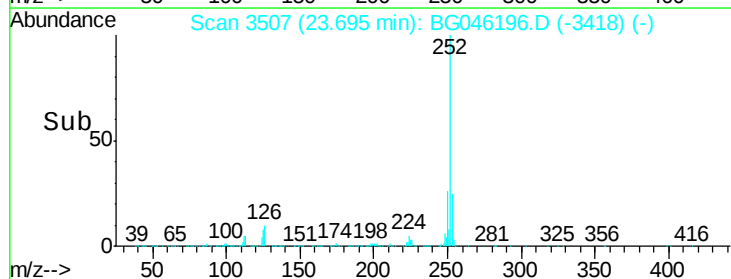
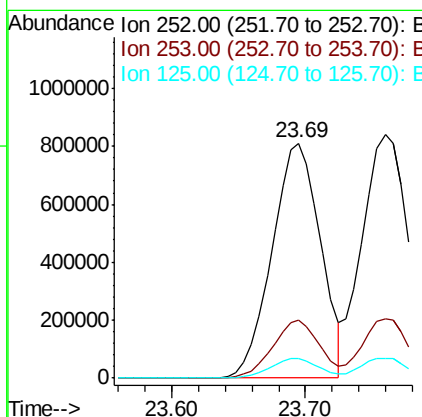
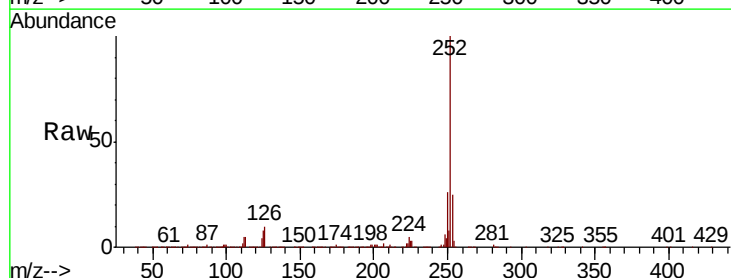
Manual Integrations
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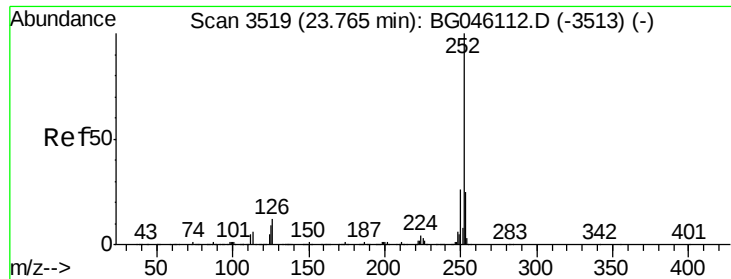
mohammad
 8/10/2020 3:43:40 PM



#88
 Benzo(b)fluoranthene
 Concen: 38.302 ng
 RT: 23.69 min Scan# 3507
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.2	28.8
125	8.3	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 38.427 ng

RT: 23.76 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

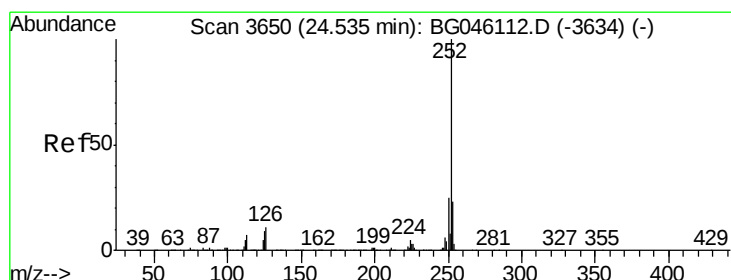
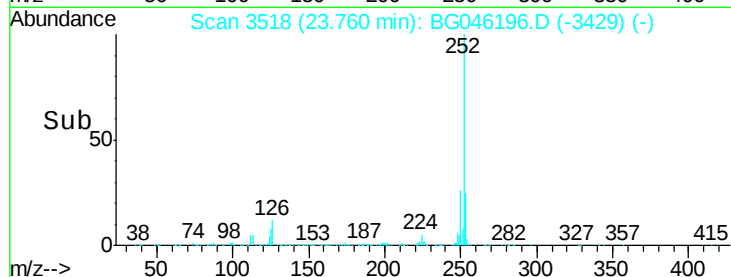
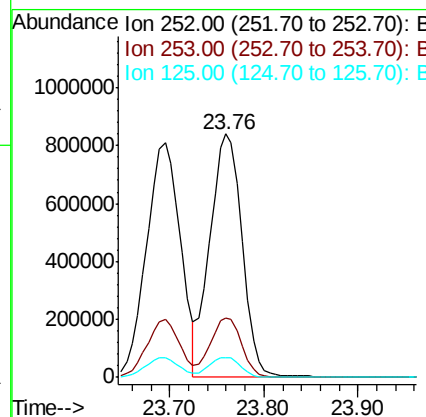
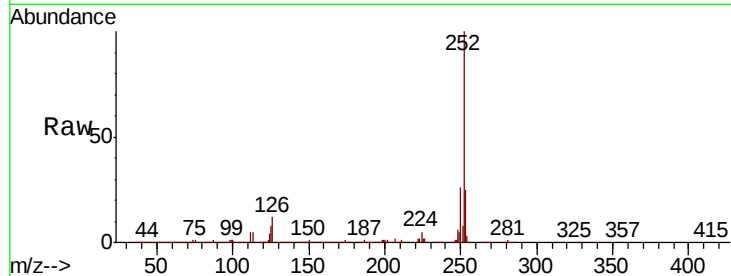
ClientSampleId :

TP-2MSD

Tot Ion:	252	Resp:	2005010
Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.5	29.3
125	8.2	7.3	10.9

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 38.722 ng

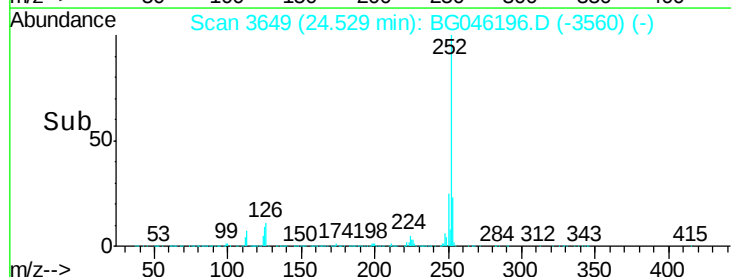
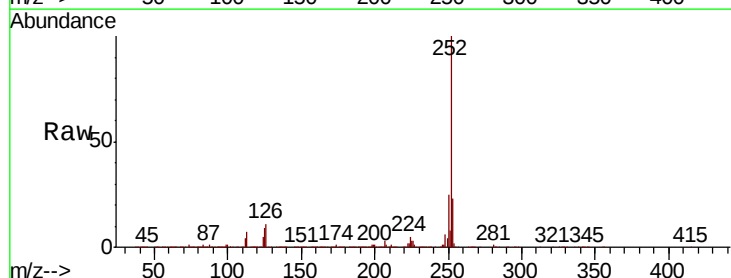
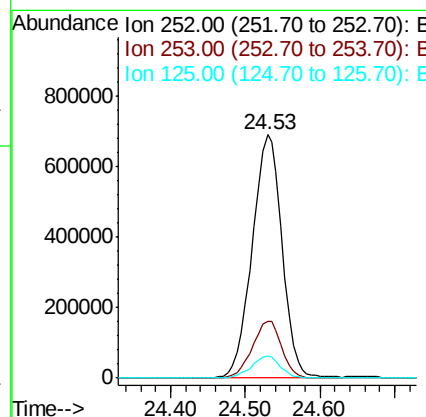
RT: 24.53 min Scan# 3649

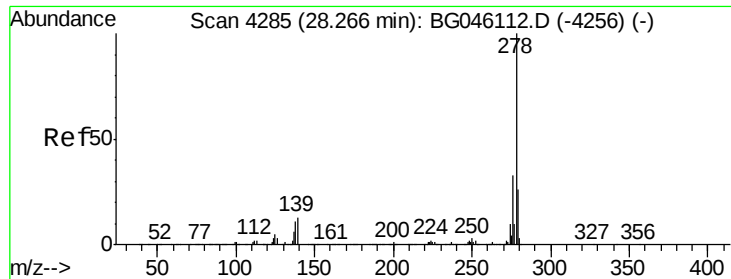
Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Tgt Ion:	252	Resp:	1916766
Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	27.8
125	9.2	7.1	10.7





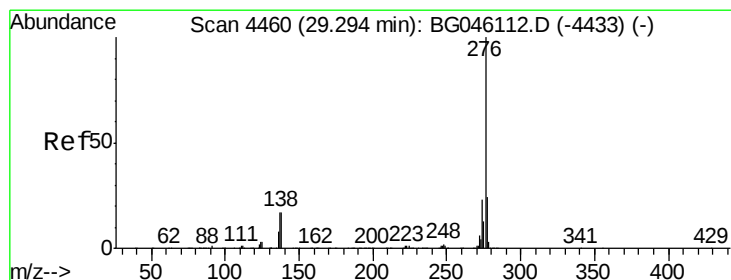
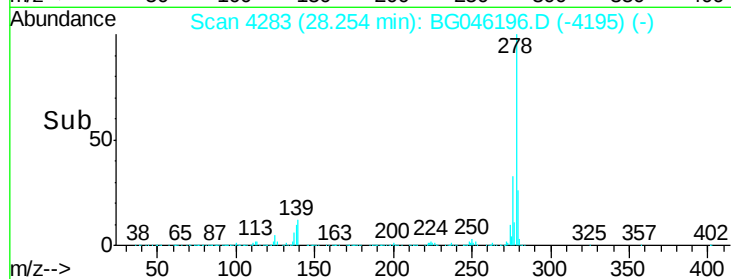
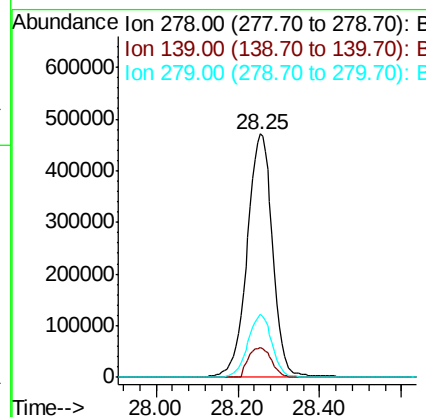
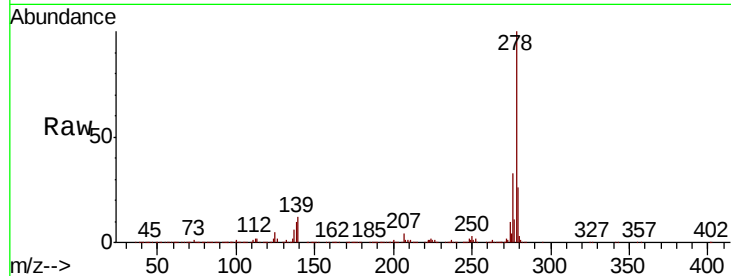
#91
Dibenzo(a,h)anthracene
Concen: 39.982 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.4	10.8	16.2
279	25.8	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/10/2020 3:43:40 PM



#92
Benzo(g,h,i)perylene
Concen: 40.527 ng
RT: 29.29 min Scan# 4460
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	17.1	13.8	20.6

