

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
 Data File : BG046458.D
 Acq On : 26 Aug 2020 17:50
 Operator : CG/JU
 Sample : PB131215BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131215BS

Manual Integrations
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mohammad
 8/27/2020 3:14:20 PM

Quant Time: Aug 26 19:02:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 18:00:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	62605	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	271055	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	195481	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	503126	20.00	ng	0.00
76) Chrysene-d12	21.56	240	530409	20.00	ng	0.00
86) Perylene-d12	24.66	264	567046	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	415011	117.41	ng	0.00
7) Phenol-d6	7.10	99	546325	109.03	ng	0.00
23) Nitrobenzene-d5	9.09	82	345375	72.83	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	286017	107.99	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	936885	73.16	ng	0.00
79) Terphenyl-d14	19.92	244	1734156	69.58	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	44291	30.119	ng	98
3) Pyridine	3.81	79	110970	25.792	ng	98
4) n-Nitrosodimethylamine	3.72	42	65150	41.056	ng	97
6) Aniline	7.26	93	232977	41.319	ng	99
8) 2-Chlorophenol	7.50	128	175727	47.039	ng	99
9) Benzaldehyde	7.07	77	97801	34.838	ng	97
10) Phenol	7.13	94	218573	47.360	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	153567	41.396	ng	98
12) 1,3-Dichlorobenzene	7.83	146	185767	39.166	ng	99
13) 1,4-Dichlorobenzene	7.97	146	187583	39.504	ng	100
14) 1,2-Dichlorobenzene	8.28	146	184958	40.623	ng	99
15) Benzyl Alcohol	8.17	79	149816	46.570	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	228755	39.755	ng	100
17) 2-Methylphenol	8.38	107	154729	47.274	ng	98
18) Hexachloroethane	9.01	117	62317	38.706	ng	98
19) n-Nitroso-di-n-propylamine	8.74	70	130219	43.447	ng	98
20) 3+4-Methylphenols	8.71	107	212763	47.096	ng	100
22) Acetophenone	8.75	105	253272	38.386	ng	99
24) Nitrobenzene	9.13	77	184958	39.477	ng	99
25) Isophorone	9.65	82	364784	41.955	ng	98
26) 2-Nitrophenol	9.84	139	102290	41.380	ng	98
27) 2,4-Dimethylphenol	9.91	122	172455	50.723	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	217853	38.928	ng	99
29) 2,4-Dichlorophenol	10.38	162	196318	43.314	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	202430	37.642	ng	99
31) Naphthalene	10.78	128	533330	40.298	ng	100
32) Benzoic acid	10.04	122	75072	33.707	ng	99
33) 4-Chloroaniline	10.89	127	185060	31.711	ng	96
34) Hexachlorobutadiene	11.08	225	121798	34.889	ng	99
35) Caprolactam	11.65	113	75501m	44.564	ng	
36) 4-Chloro-3-methylphenol	12.02	107	201678	45.495	ng	96
37) 2-Methylnaphthalene	12.39	142	428761	41.078	ng	100
38) 1-Methylnaphthalene	12.61	142	410766	41.546	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	254061	39.412	ng	99

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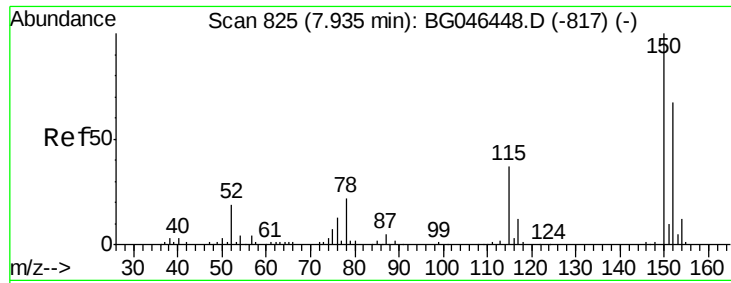
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	295750	105.513	ng	100
43) 2,4,6-Trichlorophenol	13.00	196	184233	42.351	ng	98
44) 2,4,5-Trichlorophenol	13.07	196	201019	43.982	ng	96
46) 1,1'-Biphenyl	13.40	154	565950	41.613	ng	99
47) 2-Chloronaphthalene	13.44	162	445705	38.652	ng	99
48) 2-Nitroaniline	13.64	65	131658	41.118	ng	98
49) Acenaphthylene	14.28	152	749640	42.856	ng	99
50) Dimethylphthalate	14.02	163	626187	41.405	ng	100
51) 2,6-Dinitrotoluene	14.13	165	145800	43.735	ng	97
52) Acenaphthene	14.63	154	445510	41.101	ng	99
53) 3-Nitroaniline	14.47	138	117425	32.518	ng	99
54) 2,4-Dinitrophenol	14.68	184	172144	88.464	ng	98
55) Dibenzofuran	14.96	168	738973	42.480	ng	99
56) 4-Nitrophenol	14.79	139	254076	95.603	ng	100
57) 2,4-Dinitrotoluene	14.92	165	211210	44.433	ng	99
58) Fluorene	15.61	166	614860	42.113	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	203382	45.824	ng	98
60) Diethylphthalate	15.38	149	622514	42.218	ng	99
61) 4-Chlorophenyl-phenylether	15.61	204	331706	41.252	ng	98
62) 4-Nitroaniline	15.63	138	158352	41.559	ng	99
63) Azobenzene	15.90	77	520508	43.396	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	135404	47.548	ng	98
66) n-Nitrosodiphenylamine	15.82	169	570800	42.053	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	238762	40.676	ng	97
68) Hexachlorobenzene	16.62	284	256141	39.401	ng	98
69) Atrazine	16.77	200	221773	40.051	ng	100
70) Pentachlorophenol	16.97	266	319681	94.121	ng	100
71) Phenanthrene	17.35	178	1066212	41.809	ng	99
72) Anthracene	17.44	178	1094113	43.484	ng	99
73) Carbazole	17.71	167	1021253	42.989	ng	99
74) Di-n-butylphthalate	18.27	149	1140161	41.738	ng	99
75) Fluoranthene	19.36	202	1393059	42.448	ng	100
77) Benzidine	19.54	184	745488	60.485	ng	99
78) Pyrene	19.72	202	1397574	41.378	ng	100
80) Butylbenzylphthalate	20.61	149	542815	41.202	ng	98
81) Benzo(a)anthracene	21.54	228	1368364	41.390	ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	412125	33.591	ng	99
83) Chrysene	21.60	228	1312260	41.264	ng	99
84) Bis(2-ethylhexyl)phthalate	21.46	149	752210	41.838	ng	99
85) Di-n-octyl phthalate	22.63	149	1318589	42.832	ng	100
87) Indeno(1,2,3-cd)pyrene	28.18	276	1665215	40.888	ng	99
88) Benzo(b)fluoranthene	23.68	252	1411128	39.854	ng	98
89) Benzo(k)fluoranthene	23.75	252	1389476	40.605	ng	98
90) Benzo(a)pyrene	24.52	252	1319442	39.932	ng	100
91) Dibenzo(a,h)anthracene	28.24	278	1365874	41.560	ng	99
92) Benzo(g,h,i)perylene	29.28	276	1398607	42.616	ng	99

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



#1

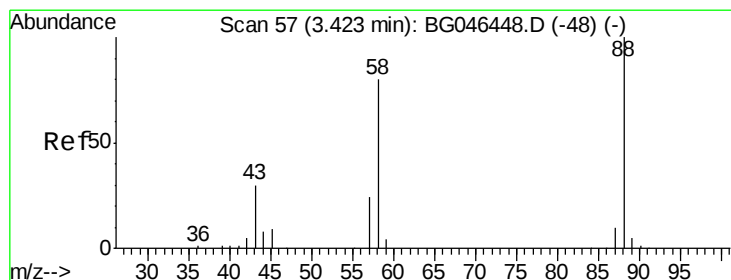
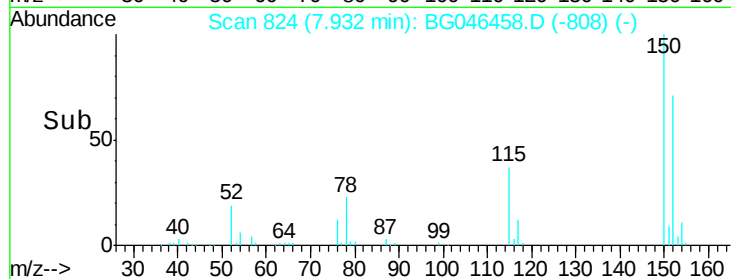
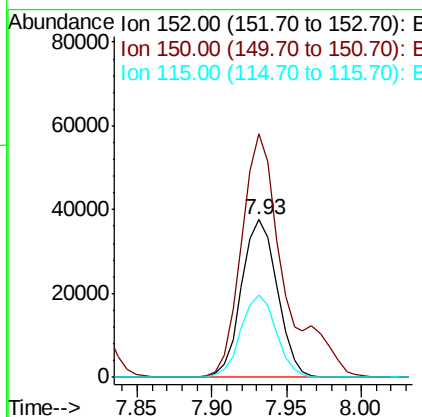
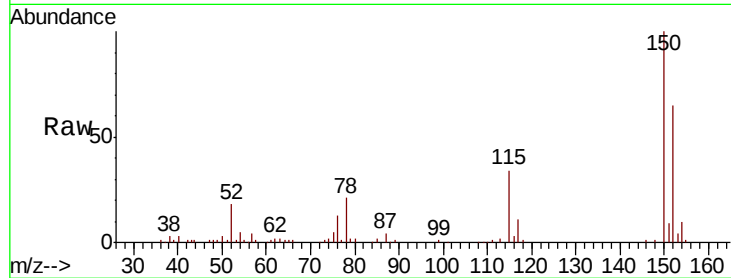
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131215BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	119.5	179.3
115	52.5	44.3	66.5

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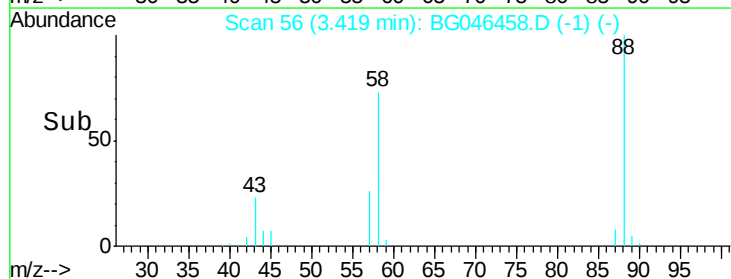
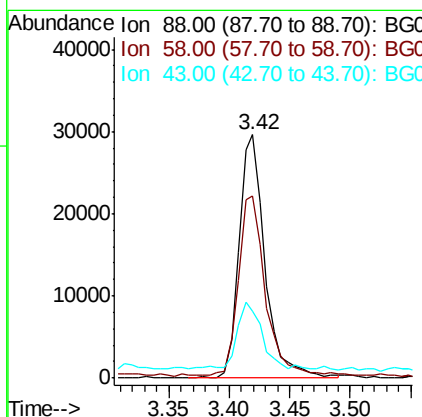
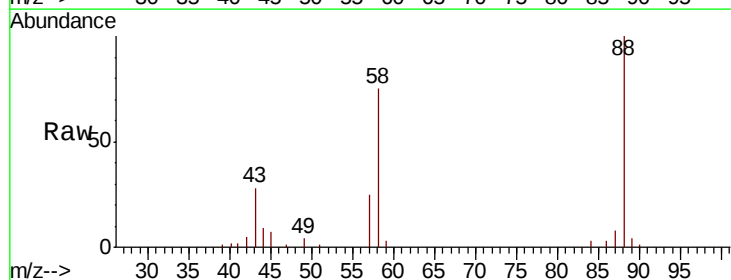
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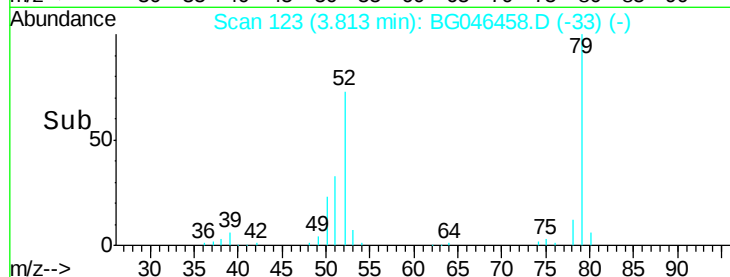
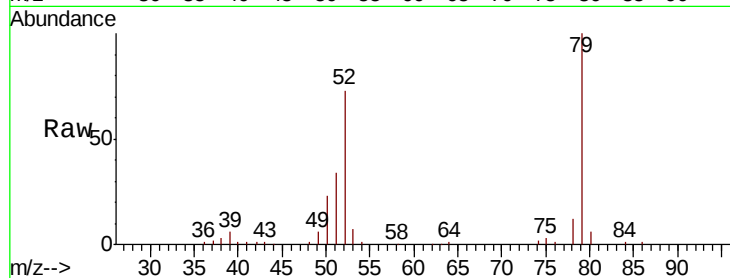
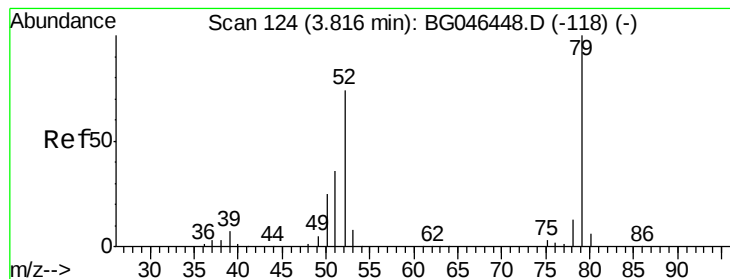


#2

1,4-Dioxane
Concen: 30.119 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.1	61.4	92.2
43	27.4	21.6	32.4





#3

Pvridine

Concen: 25.792 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Tot Ion:	79	Resp:	110970
Ion	Ratio	Lower	Upper
79	100		
52	73.1	59.1	88.7
51	33.7	29.0	43.6

Instrument :

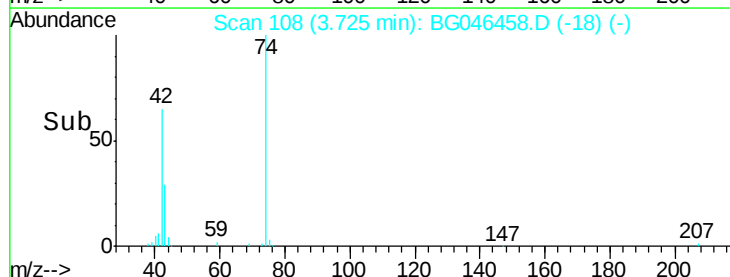
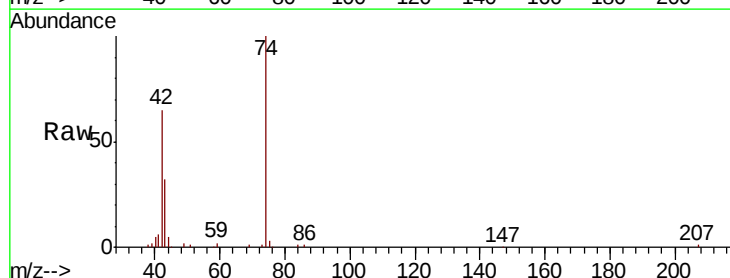
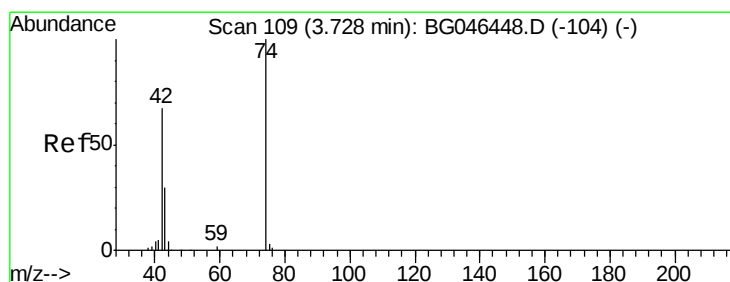
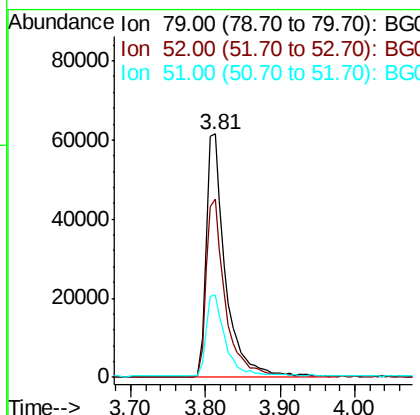
BNA_G

ClientSampleId :

PB131215BS

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#4

n-Nitrosodimethylamine

Concen: 41.056 ng

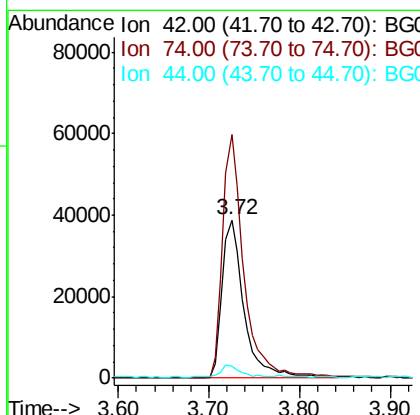
RT: 3.72 min Scan# 108

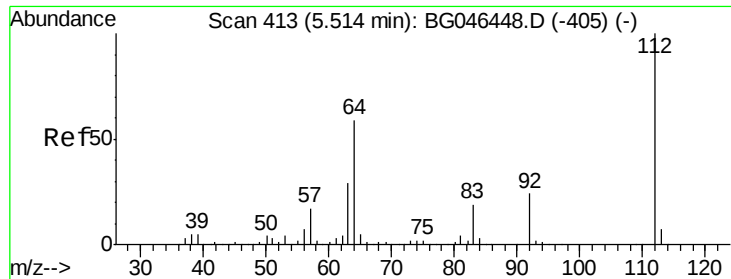
Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Tgt Ion:	42	Resp:	65150
Ion	Ratio	Lower	Upper
42	100		
74	153.7	119.5	179.3
44	7.3	5.7	8.5





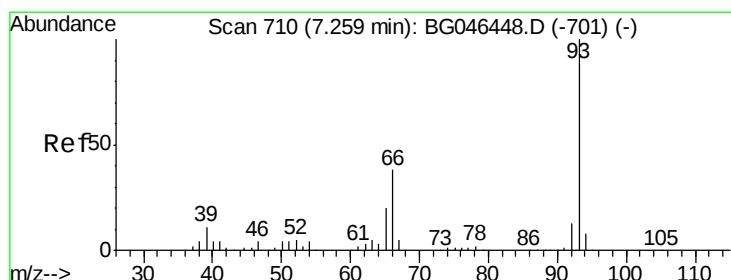
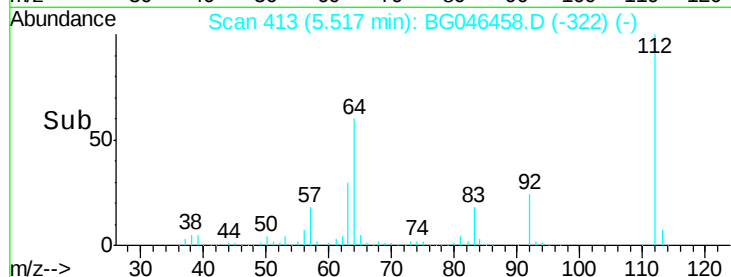
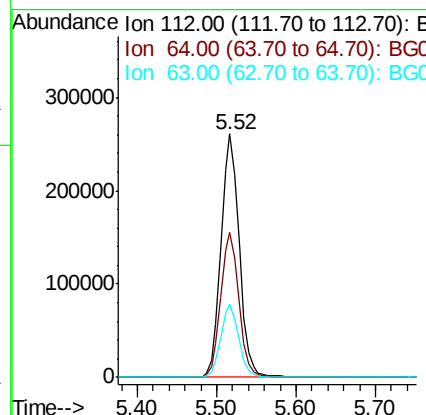
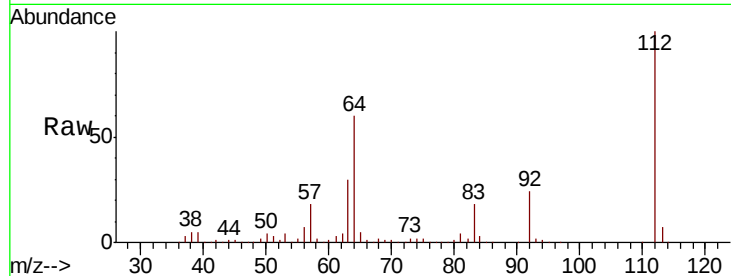
#5
2-Fluorophenol
Concen: 117.413 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131215BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	59.7	47.0	70.6
63	30.1	23.5	35.3

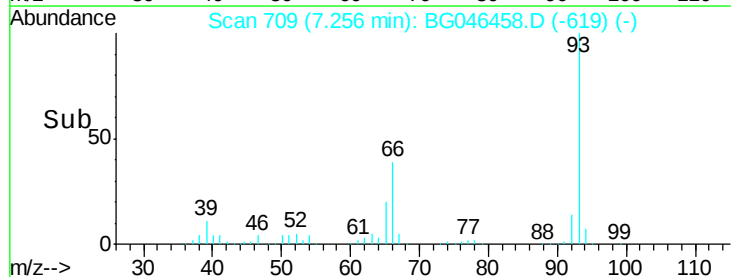
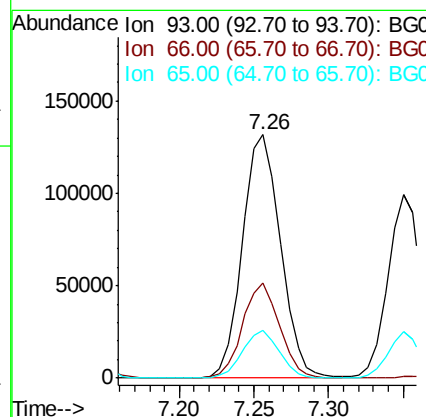
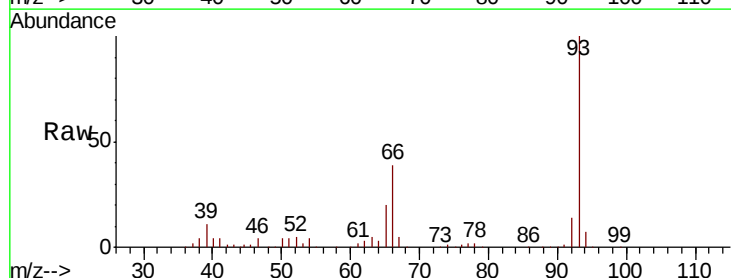
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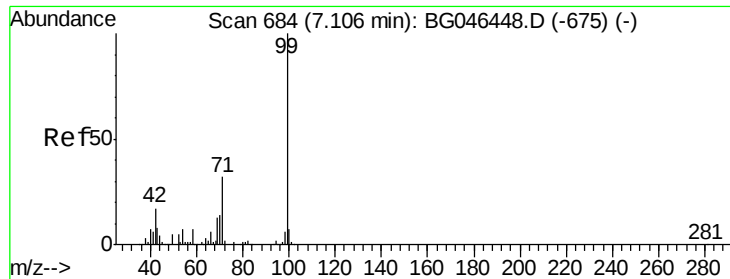
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#6
Aniline
Concen: 41.319 ng
RT: 7.26 min Scan# 709
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.0	30.4	45.6
65	19.5	15.8	23.6





#7

Phenol-d6

Concen: 109.031 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA_G

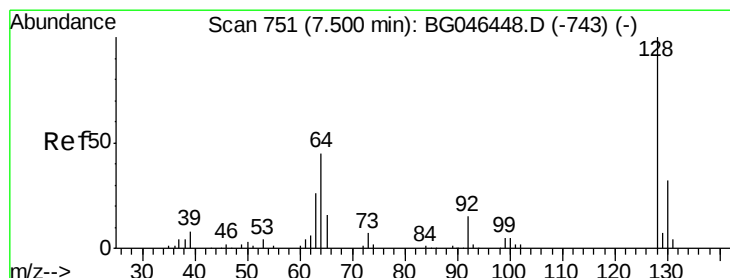
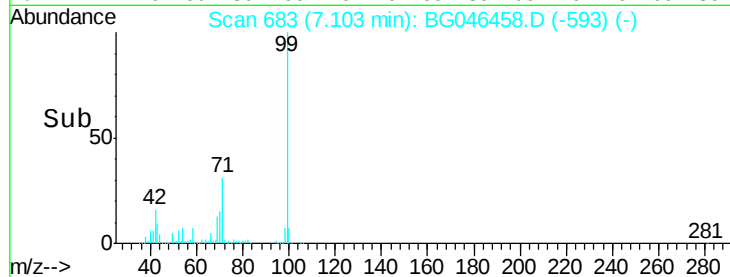
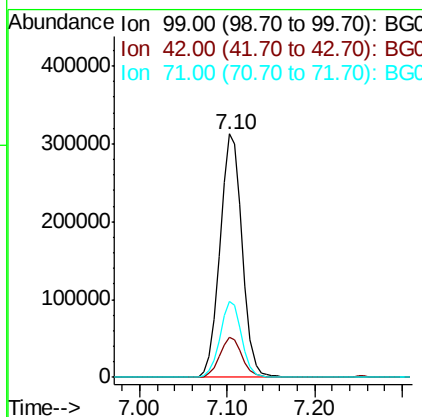
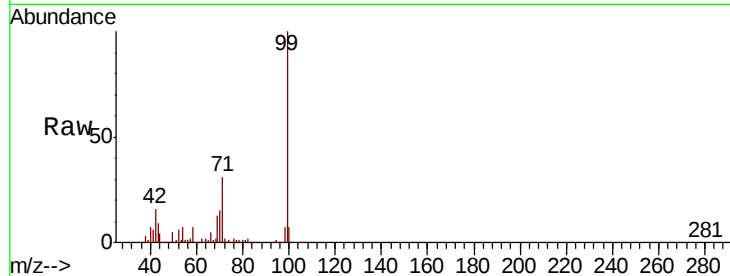
ClientSampleId :

PB131215BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		546325		
42	16.4	13.3	19.9		
71	31.2	25.3	37.9		

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#8

2-Chlorophenol

Concen: 47.039 ng

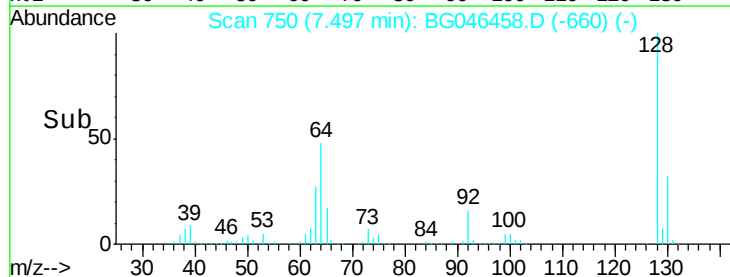
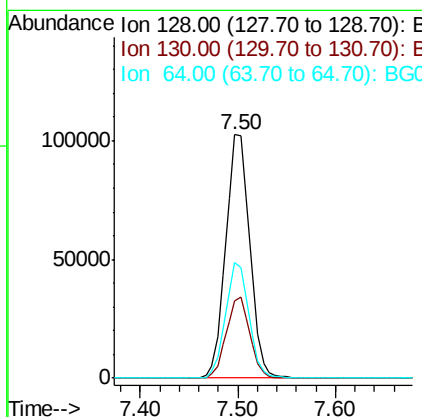
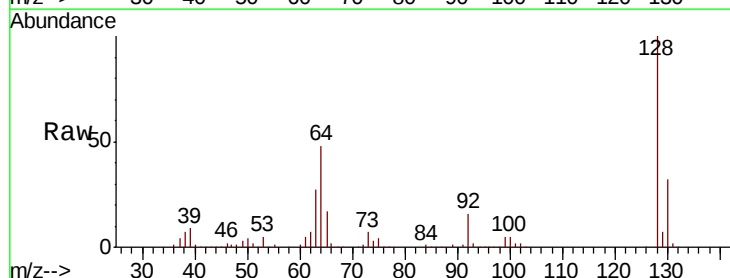
RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		175727		
130	31.8	12.4	52.4		
64	47.7	28.1	68.1		





#9

Benzaldehyde

Concen: 34.838 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA_G

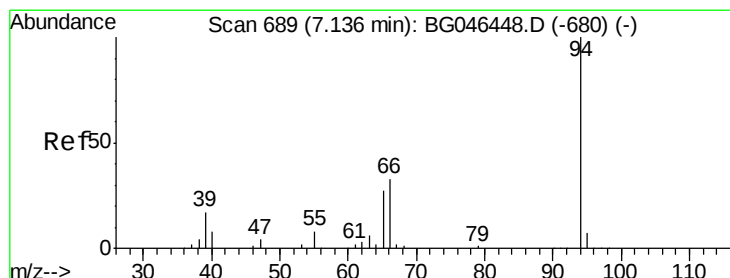
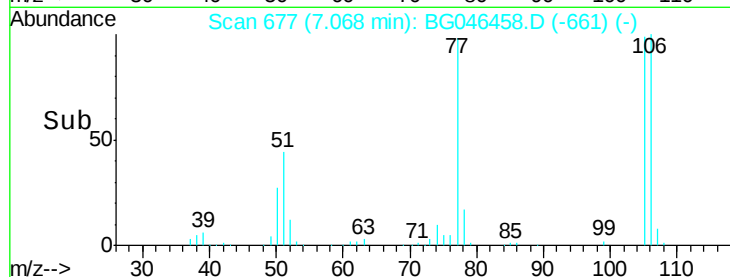
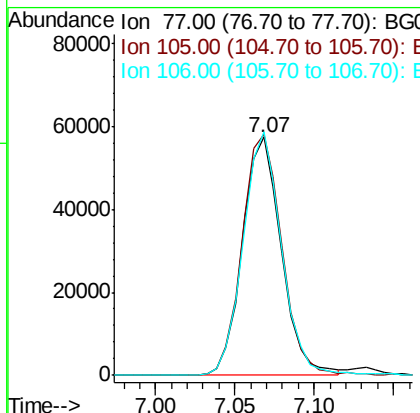
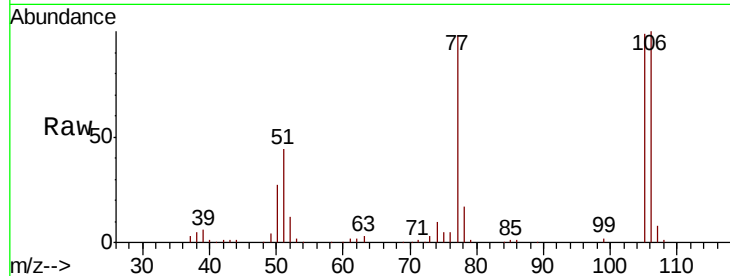
ClientSampleId :

PB131215BS

Tot Ion:	77	Resp:	97801
Ion	Ratio	Lower	Upper
77	100		
105	101.4	85.6	125.6
106	102.2	80.8	120.8

Manual Integrations
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#10

Phenol

Concen: 47.360 ng

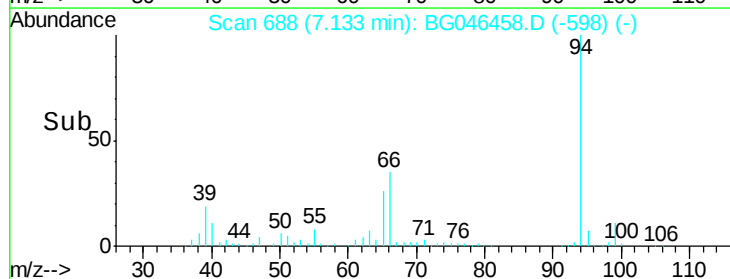
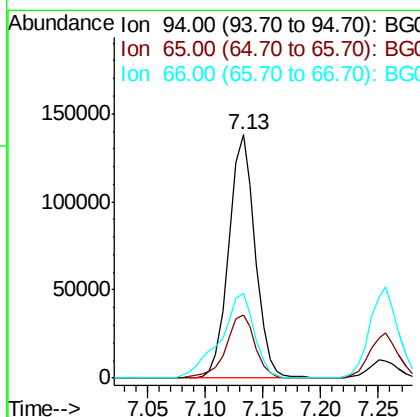
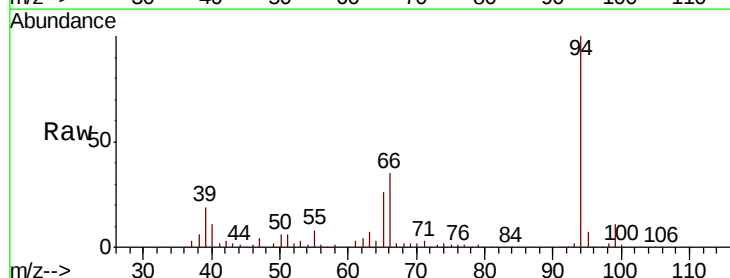
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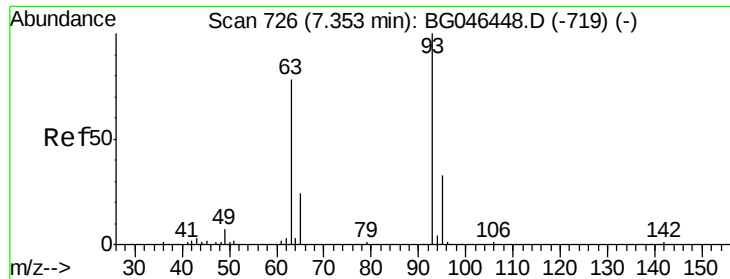
Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Tgt Ion:	94	Resp:	218573
Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.5	47.5
66	34.7	14.1	54.1





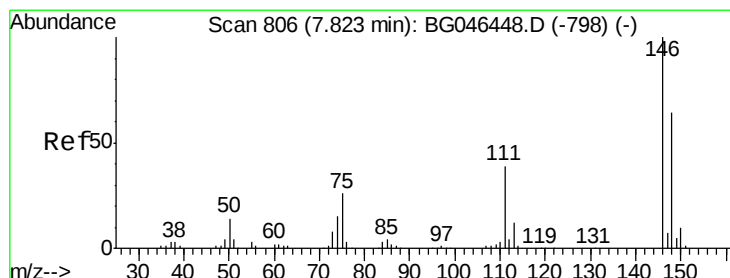
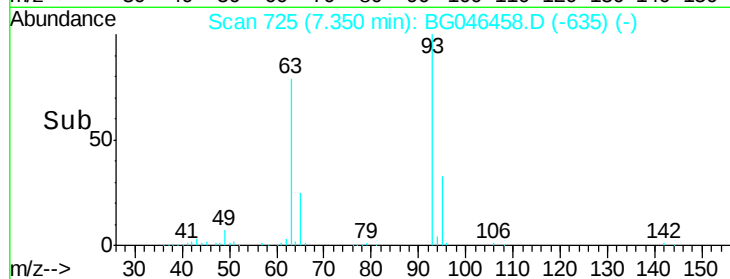
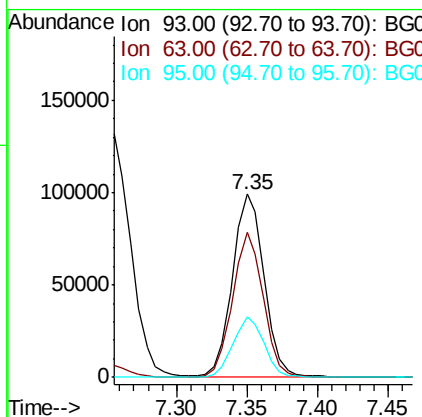
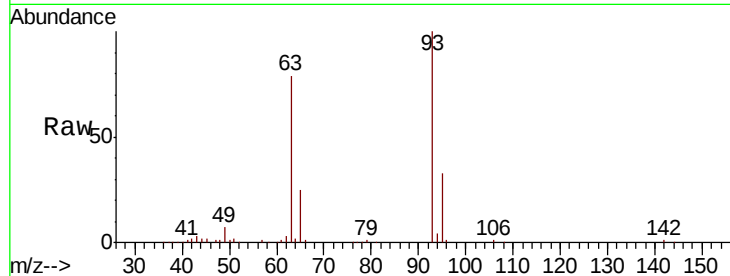
#11
bis(2-Chloroethyl)ether
Concen: 41.396 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131215BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.9	57.7	97.7
95	33.4	12.3	52.3

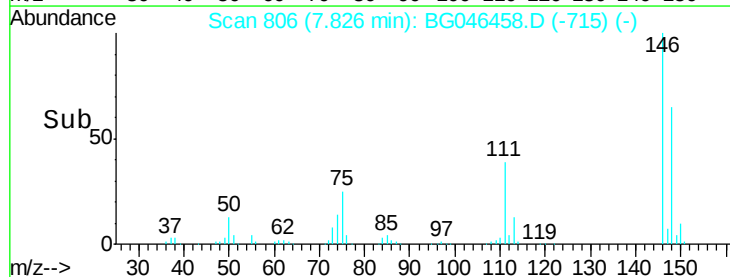
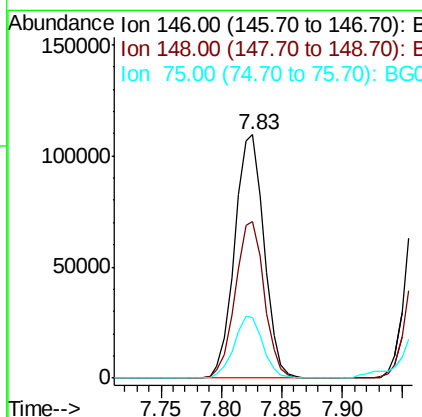
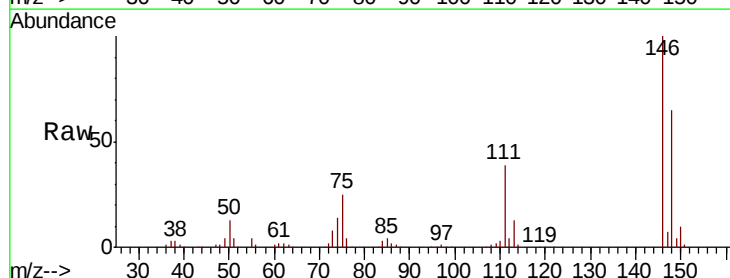
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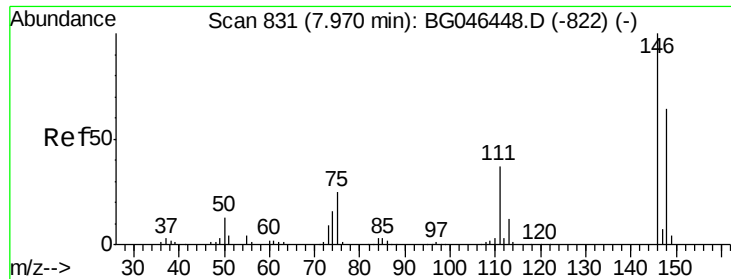
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.166 ng
RT: 7.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
75	25.1	20.7	31.1





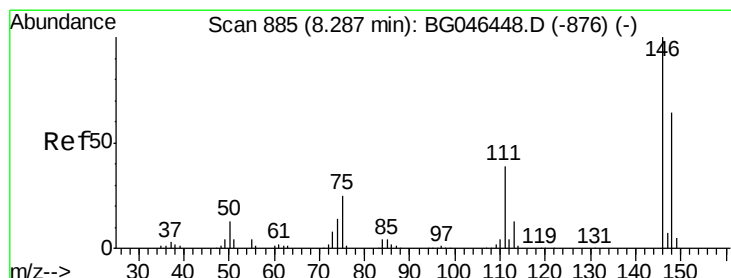
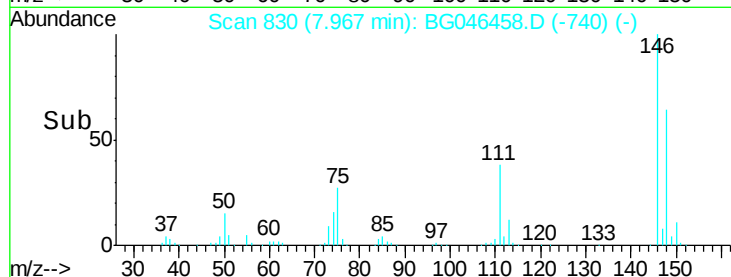
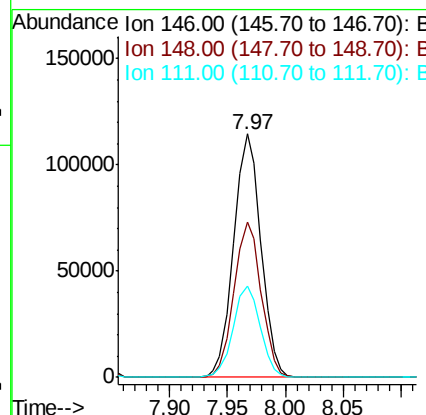
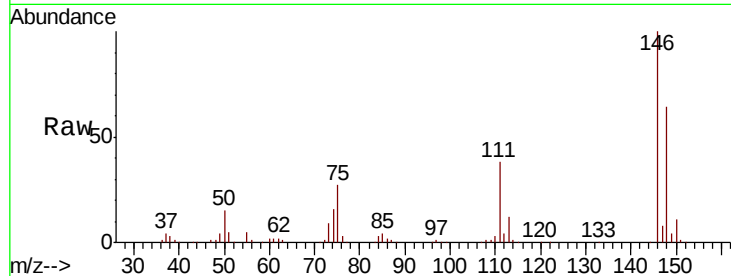
#13
 1,4-Dichlorobenzene
 Concen: 39.504 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampled :
 PB131215BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
111	37.6	29.8	44.6

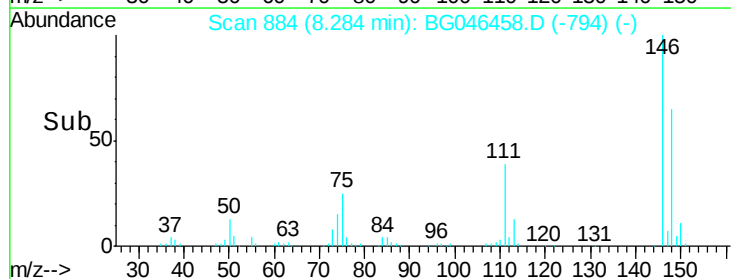
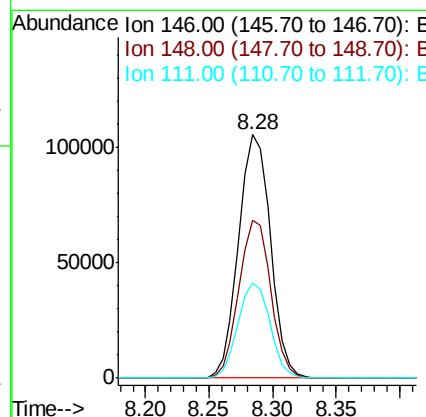
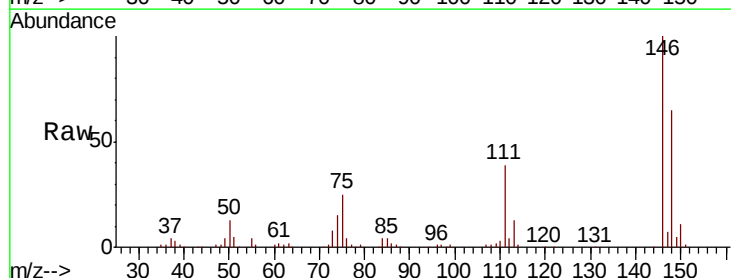
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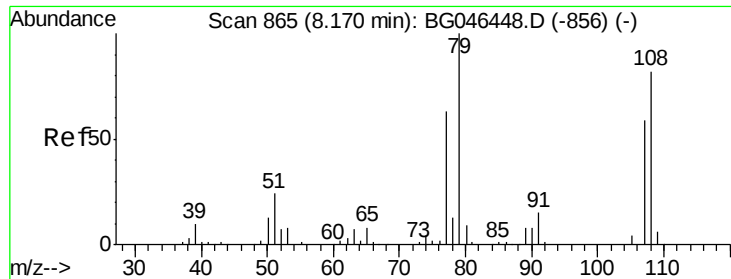
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.623 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
111	38.9	31.4	47.2





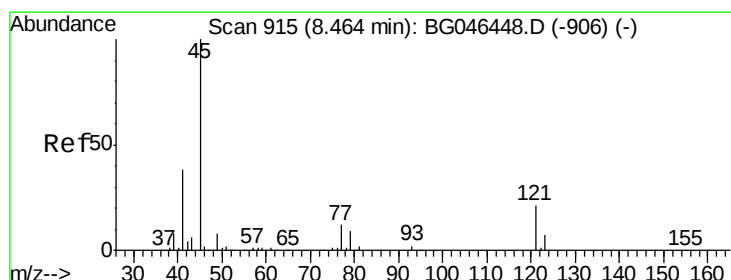
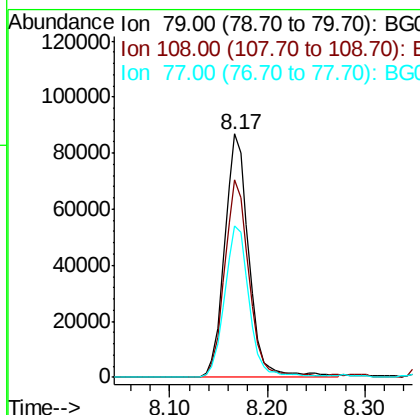
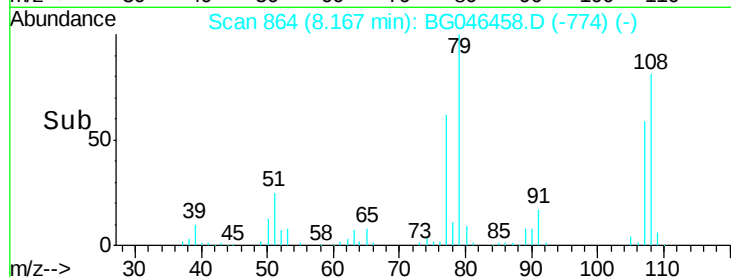
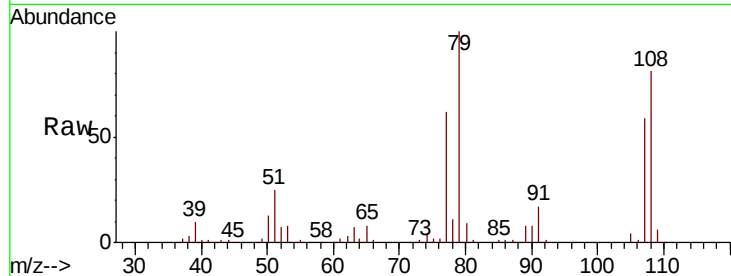
#15
Benzyl Alcohol
Concen: 46.570 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131215BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	149816		
108	81.0	65.7	98.5	
77	62.2	50.3	75.5	

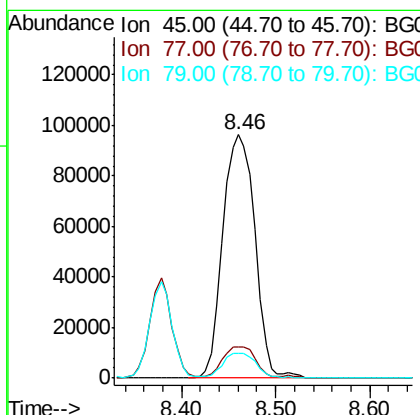
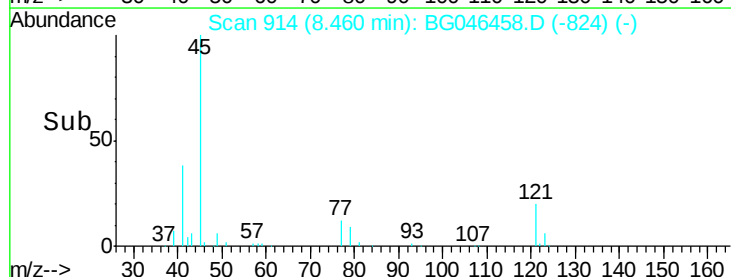
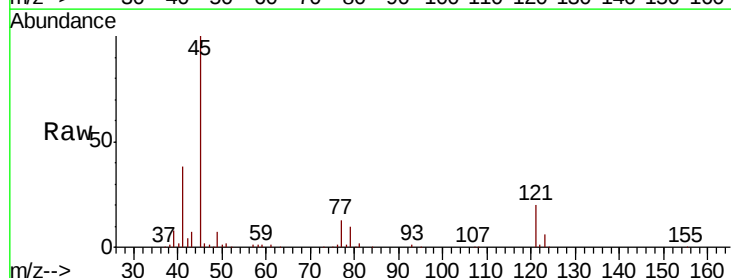
Manual Integrations
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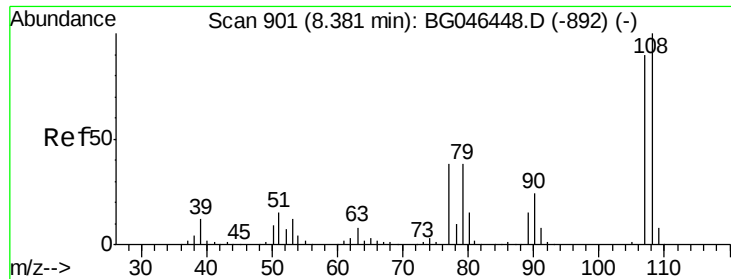
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.755 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	228755		
77	13.0	0.0	33.2	
79	10.1	0.0	30.3	





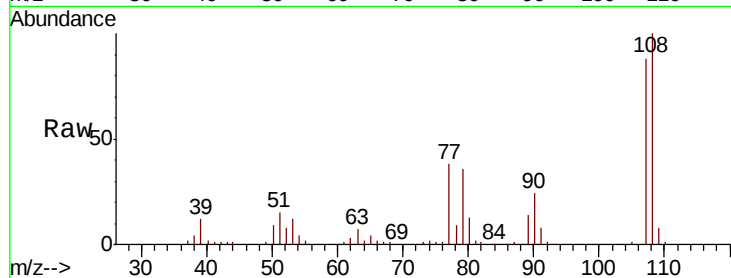
#17
2-Methylphenol
Concen: 47.274 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131215BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	89.4	134.0	
77	43.5	34.5	51.7	
79	41.6	33.8	50.6	

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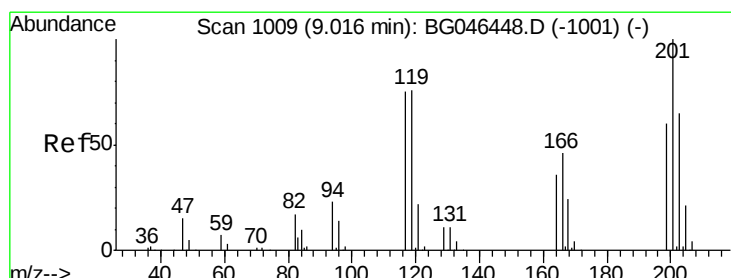
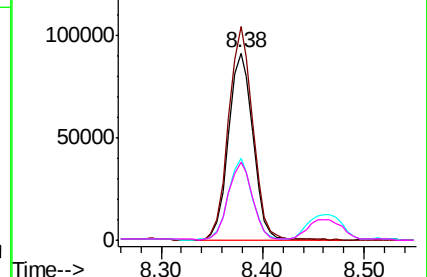
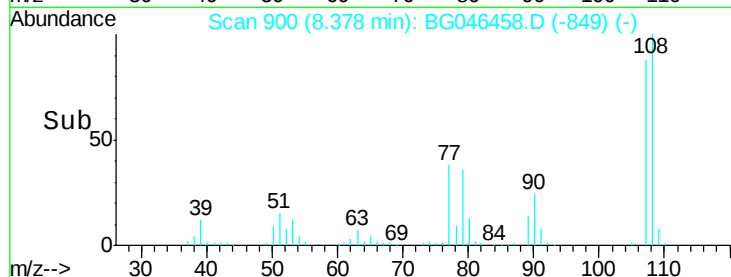
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

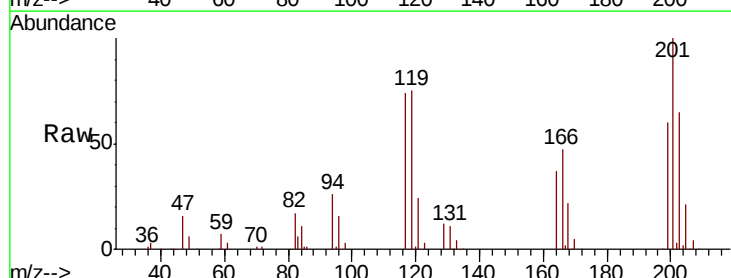
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.706 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.3	80.8	121.2	
201	135.8	106.7	160.1	

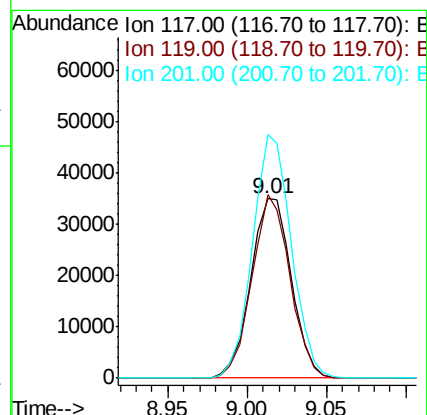
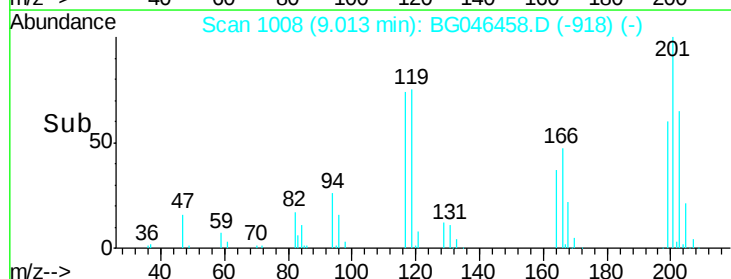


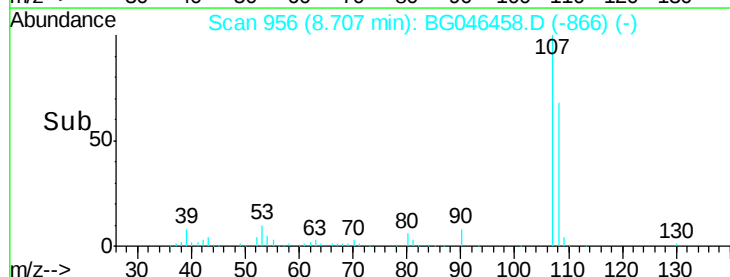
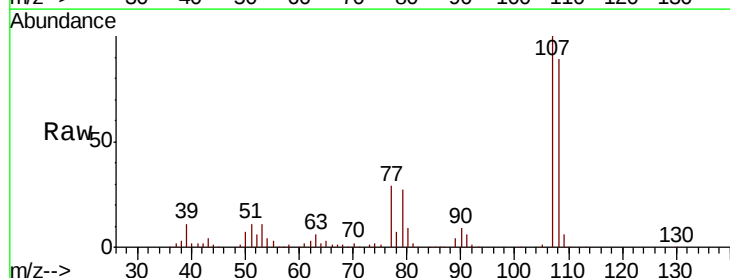
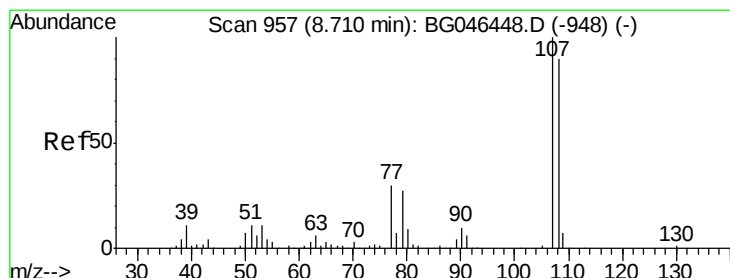
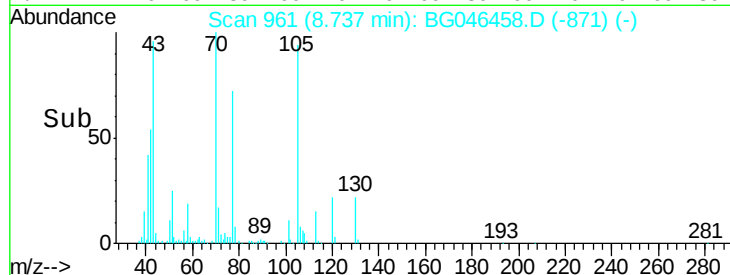
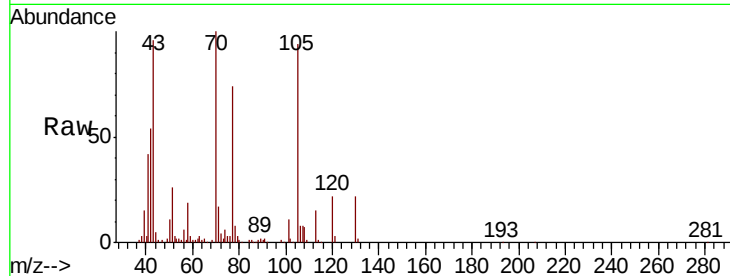
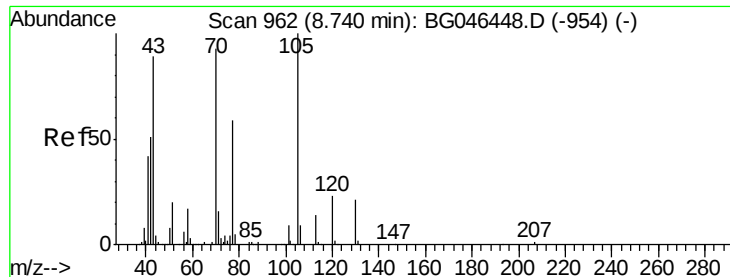
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

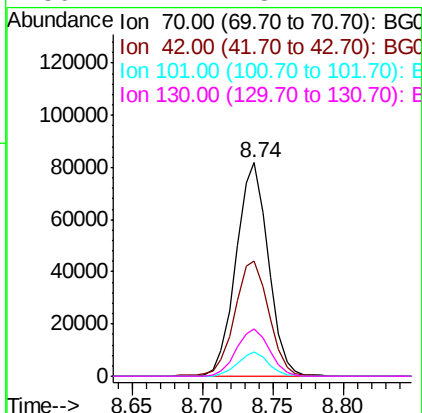
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 43.447 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.1	44.2	66.2	
101	11.2	7.8	11.8	
130	22.2	18.2	27.4	



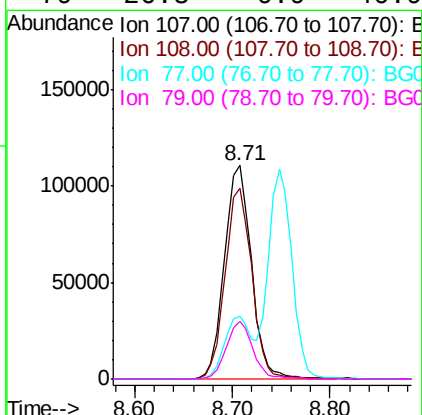
Instrument :
BNA_G
ClientSampleId :
PB131215BS

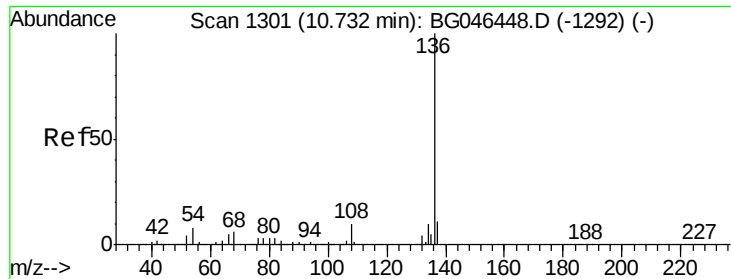
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#20
3+4-Methylphenols
Concen: 47.096 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	69.7	109.7	
77	29.4	9.7	49.7	
79	26.8	6.9	46.9	





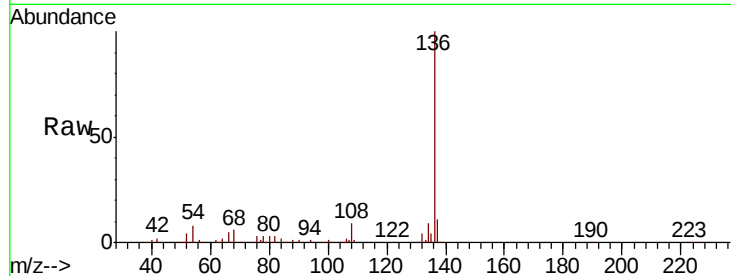
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131215BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	271055		
137	10.9		8.8	13.2
54	7.9		6.1	9.1
68	6.0		4.8	7.2

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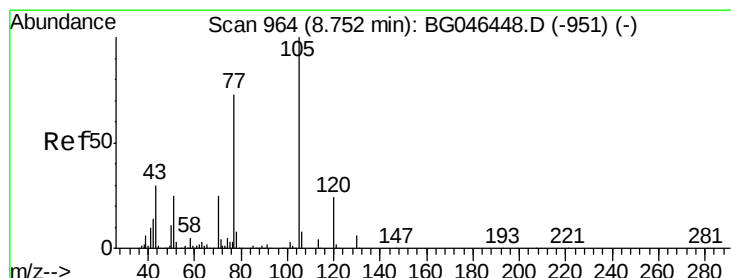
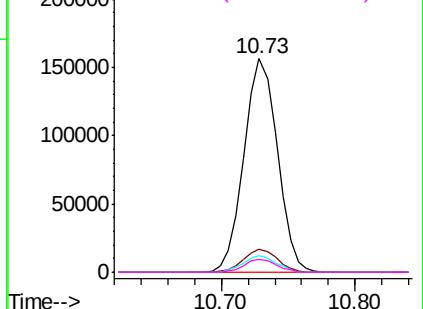
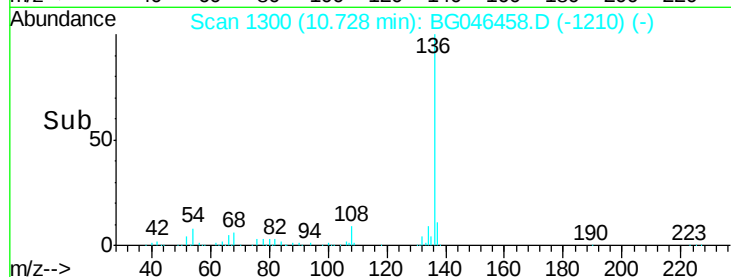
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

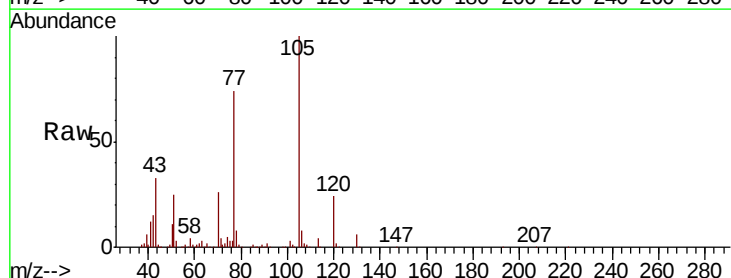
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.386 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	253272		
71	4.3		3.3	4.9
51	25.3		20.6	31.0
120	23.9		19.0	28.6



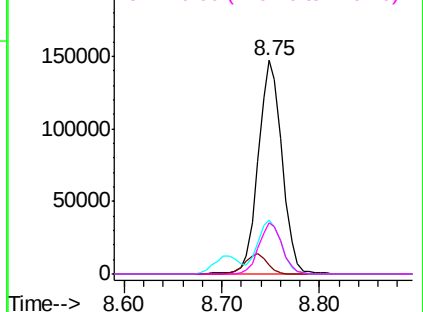
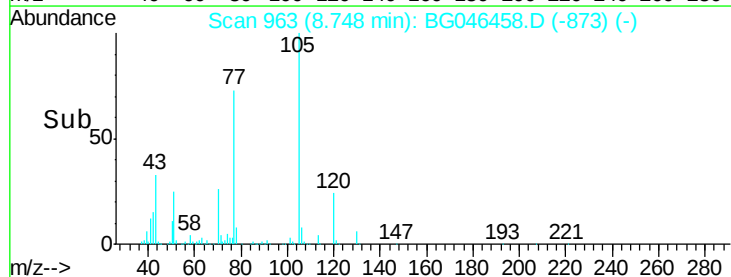
Abundance

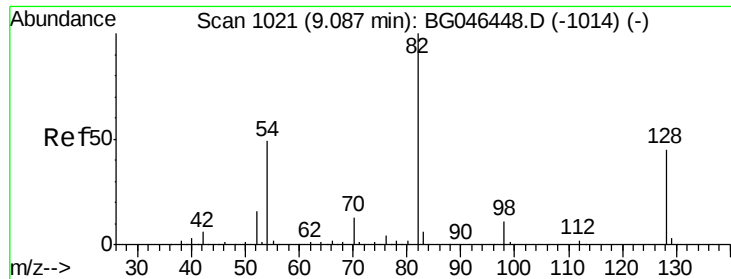
Ion 105.00 (104.70 to 105.70): E

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





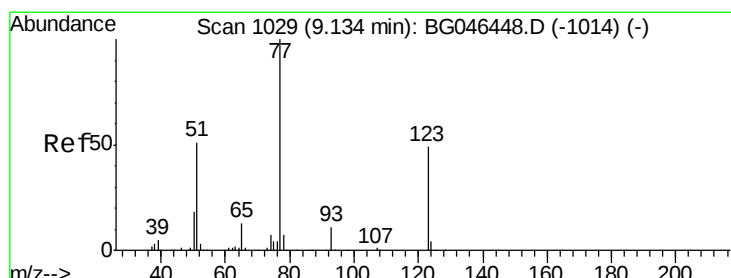
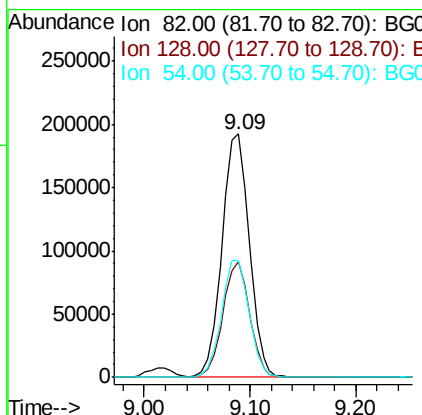
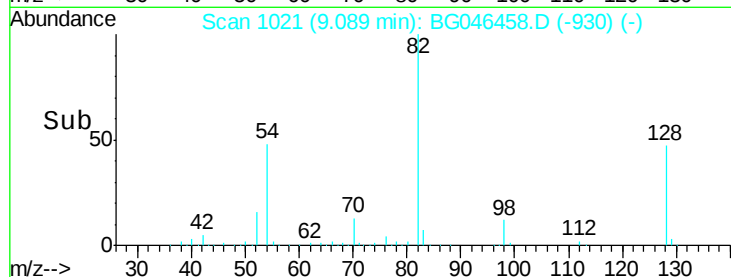
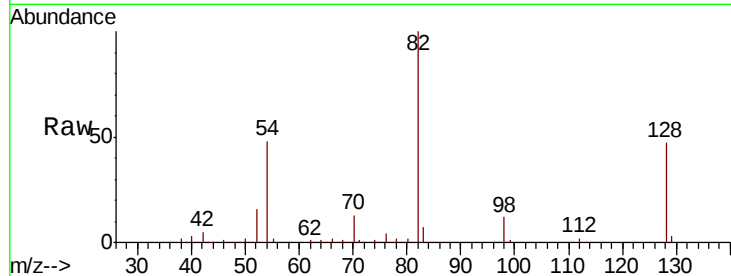
#23
 Nitrobenzene-d5
 Concen: 72.826 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131215BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	345375		
128	47.3	35.7	53.5	
54	48.2	39.4	59.0	

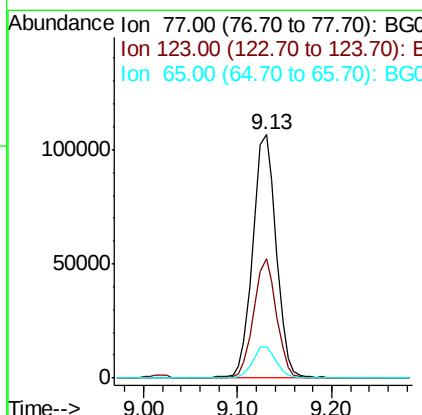
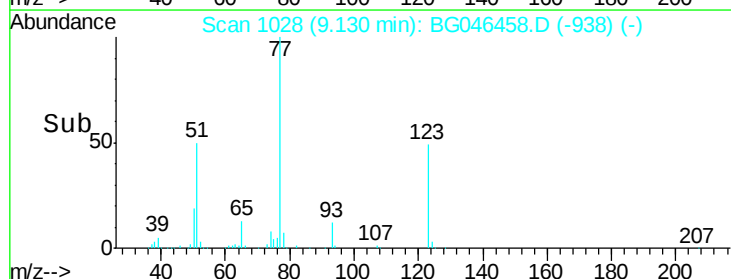
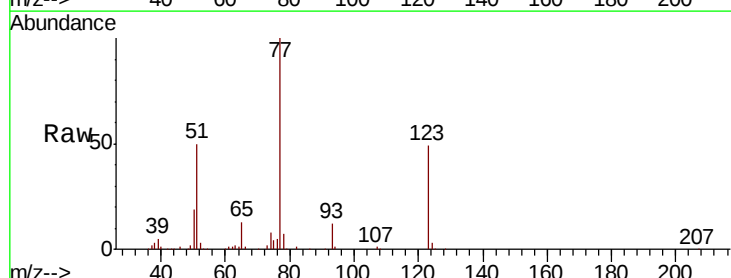
Manual Integrations
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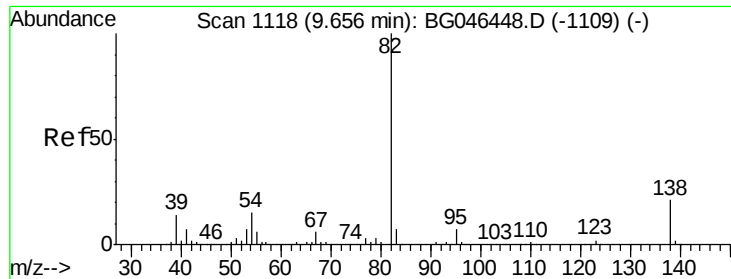
mohammad
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#24
 Nitrobenzene
 Concen: 39.477 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	184958		
123	48.8	39.6	59.4	
65	12.6	10.1	15.1	





#25

Isophorone

Concen: 41.955 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA_G

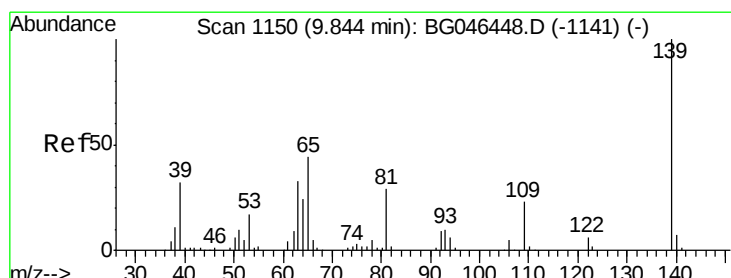
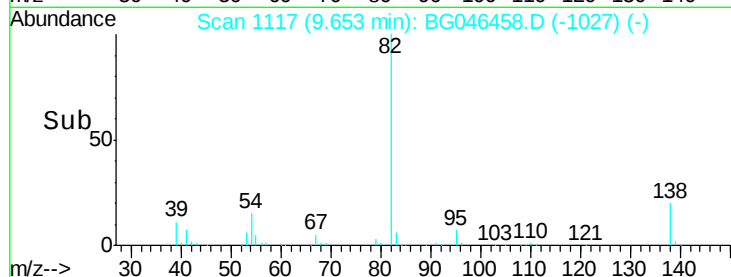
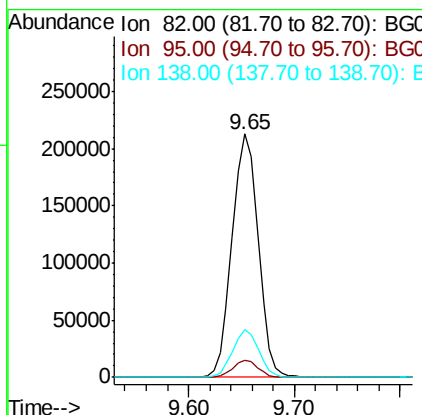
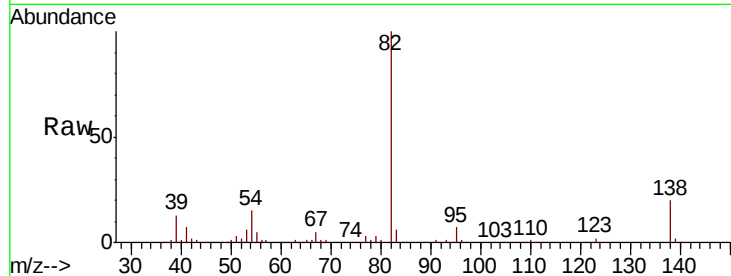
ClientSampleId :

PB131215BS

Tot Ion:	82	Resp:	364784
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	19.6	16.4	24.6

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#26

2-Nitrophenol

Concen: 41.380 ng

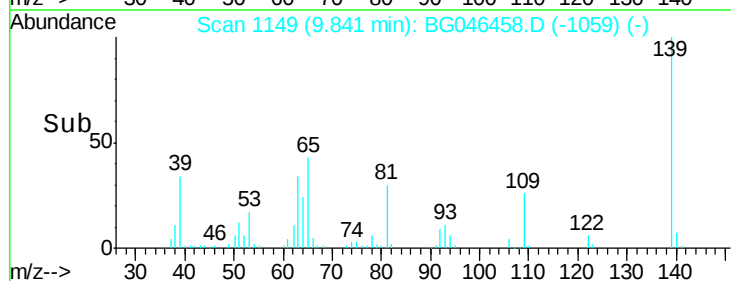
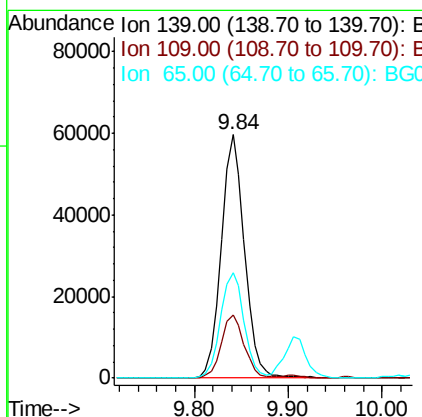
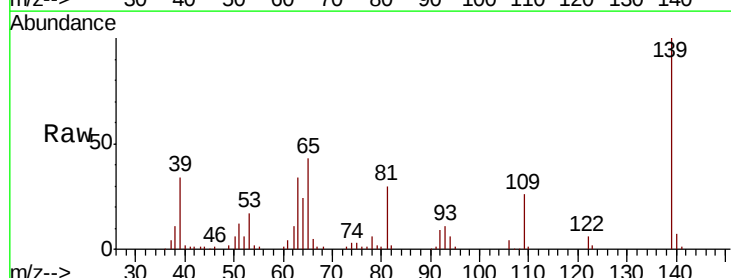
RT: 9.84 min Scan# 1149

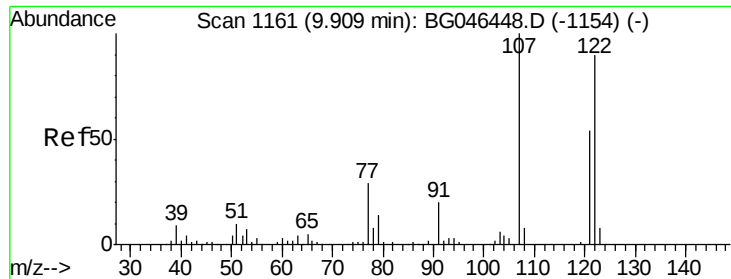
Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Tgt Ion:	139	Resp:	102290
Ion Ratio	Lower	Upper	
139	100		
109	26.1	18.8	28.2
65	43.3	35.0	52.6





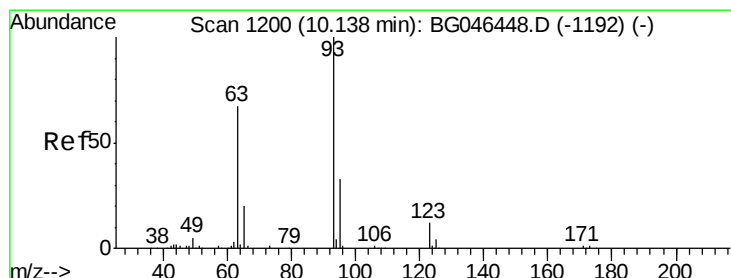
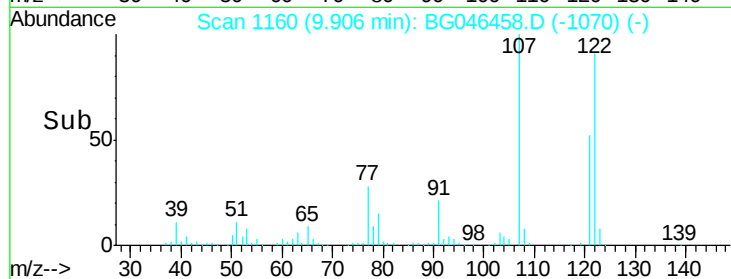
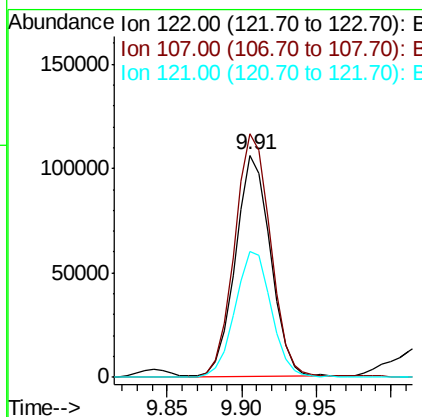
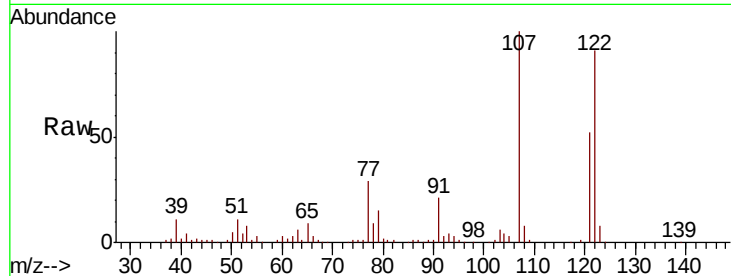
#27
2,4-Dimethylphenol
Concen: 50.723 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131215BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		172455		
107	109.7	88.2	132.2		
121	56.7	47.4	71.0		

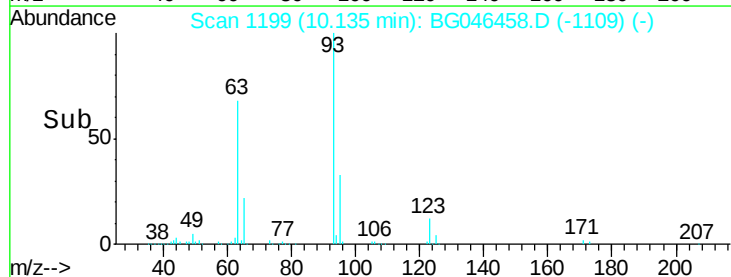
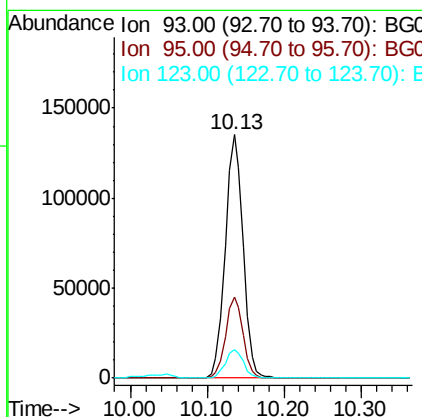
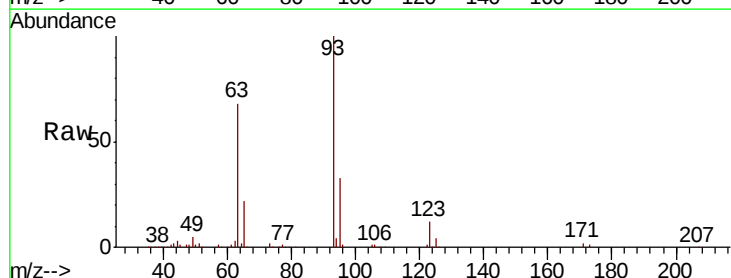
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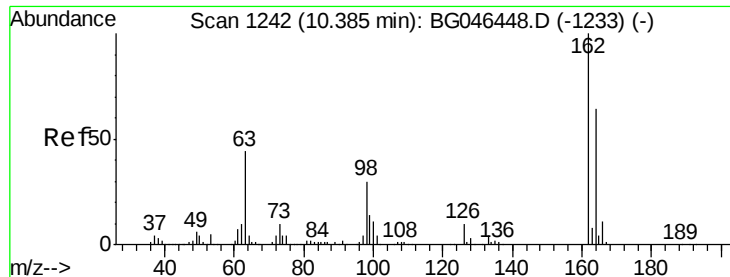
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.928 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		217853		
95	33.5	26.1	39.1		
123	11.7	9.5	14.3		





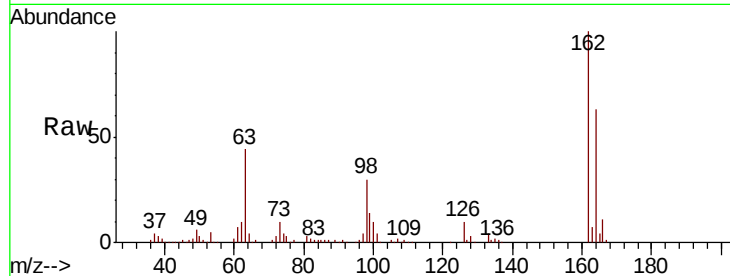
#29
 2,4-Dichlorophenol
 Concen: 43.314 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampled :
 PB131215BS

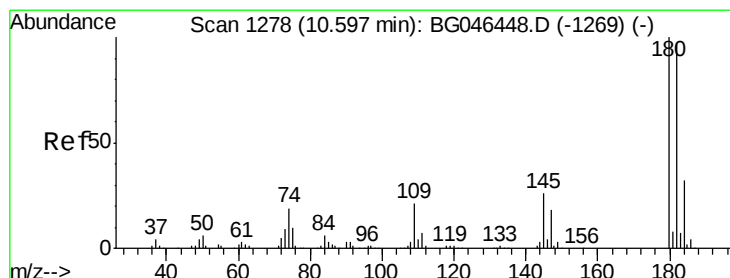
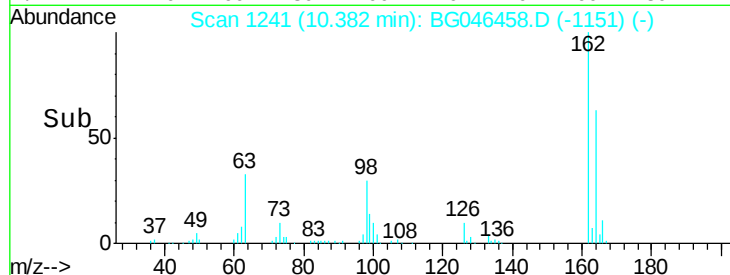
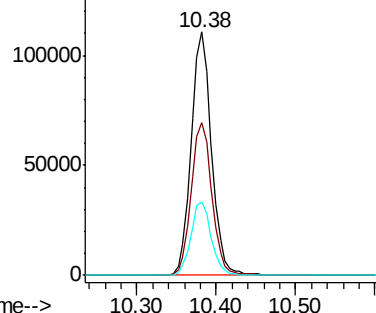
Tot Ion:	162	Resp:	196318
Ion Ratio		Lower	Upper
162	100		
164	63.0	44.3	84.3
98	30.0	10.0	50.0

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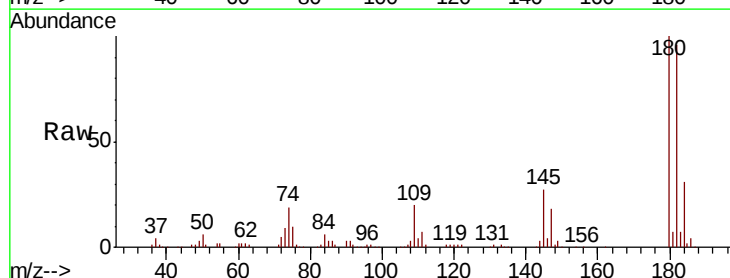


Abundance Ion 162.00 (161.70 to 162.70): E
 150000 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

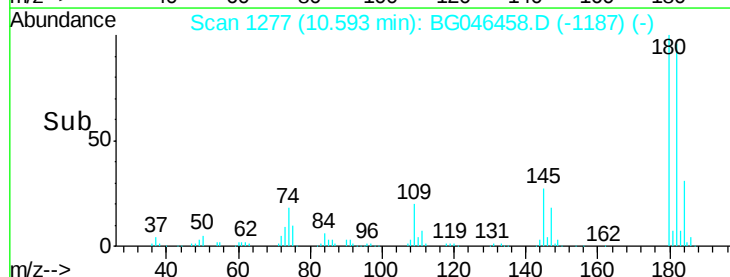
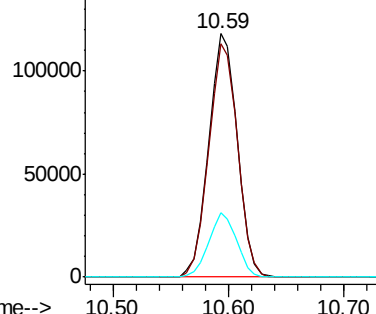


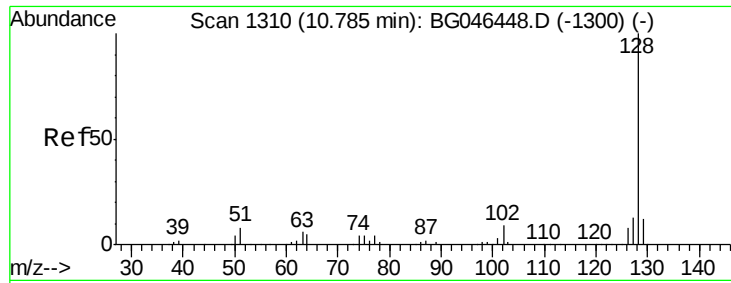
#30
 1,2,4-Trichlorobenzene
 Concen: 37.642 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Tgt Ion:	180	Resp:	202430
Ion Ratio		Lower	Upper
180	100		
182	95.7	77.8	116.8
145	26.5	20.9	31.3



Abundance Ion 180.00 (179.70 to 180.70): E
 150000 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





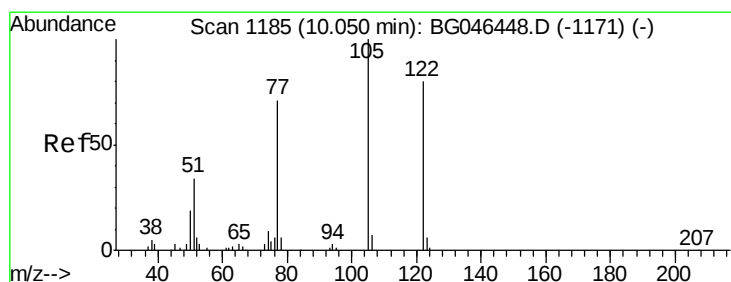
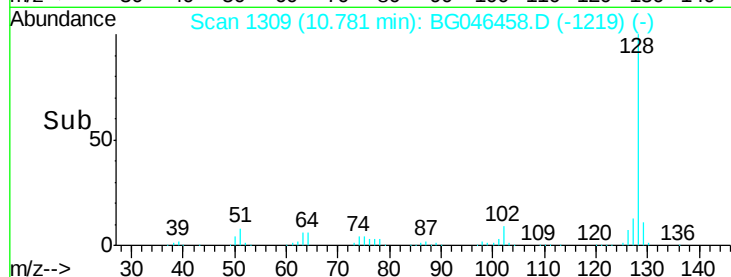
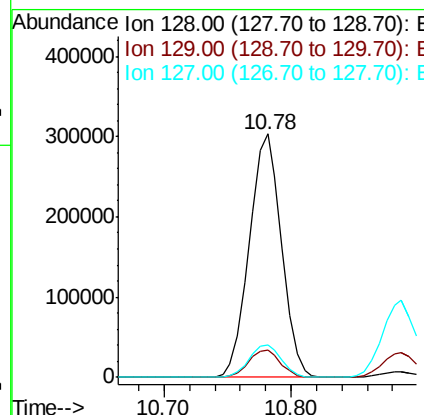
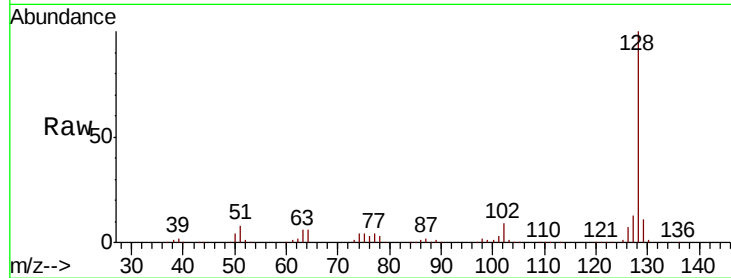
#31
Naphthalene
Concen: 40.298 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131215BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	533330		
129	11.4	9.2	13.8	
127	13.3	10.7	16.1	

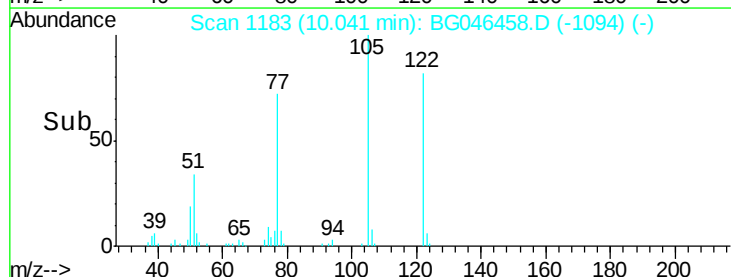
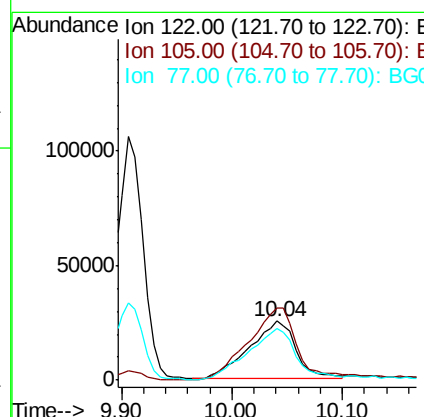
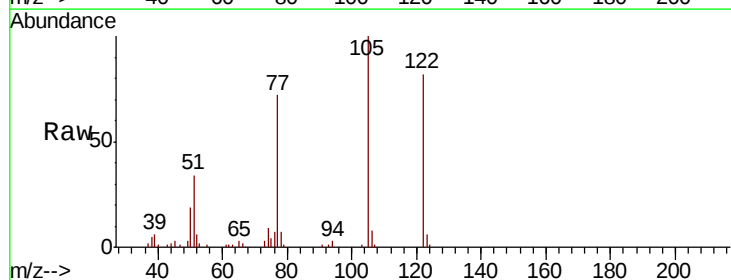
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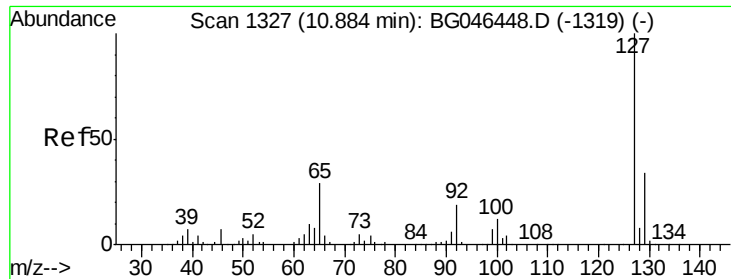
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#32
Benzoic acid
Concen: 33.707 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	75072		
105	121.6	102.5	142.5	
77	87.0	68.2	108.2	





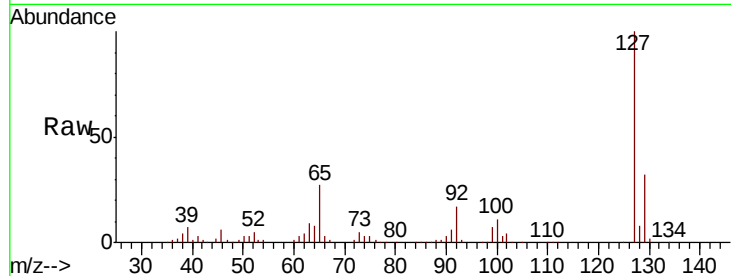
#33
 4-Chloroaniline
 Concen: 31.711 ng
 RT: 10.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampled :
 PB131215BS

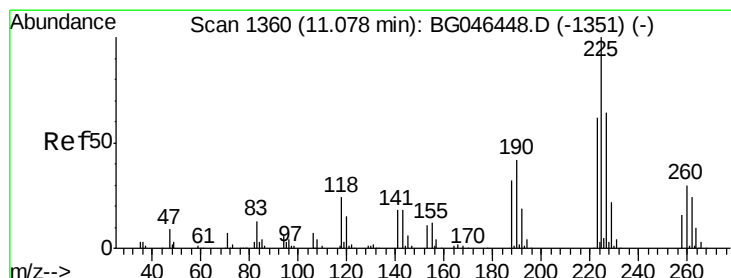
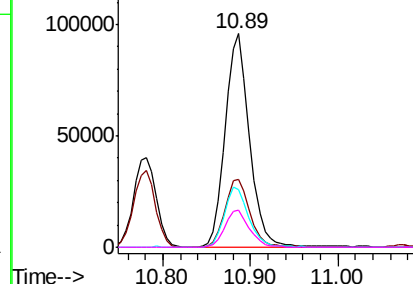
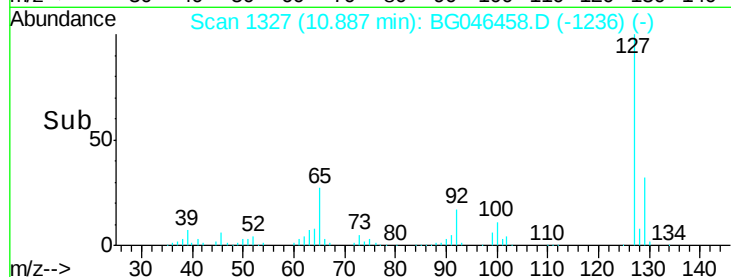
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	27.0	40.4		
65	26.9	23.5	35.3		
92	17.1	14.9	22.3		

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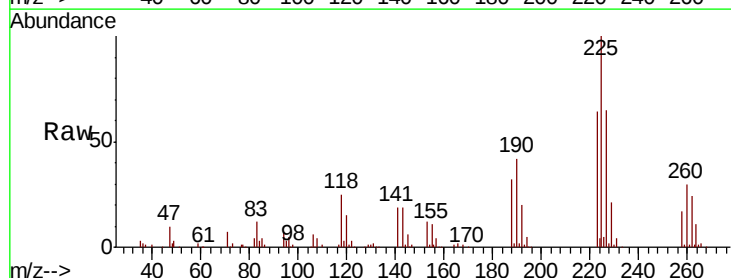


Abundance Ion 127.00 (126.70 to 127.70): E
 150000
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

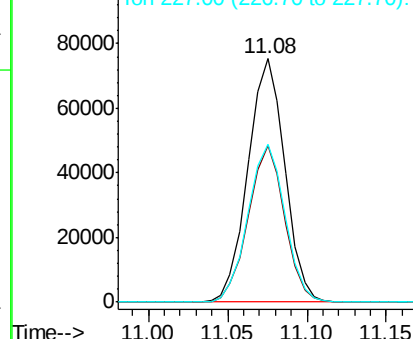
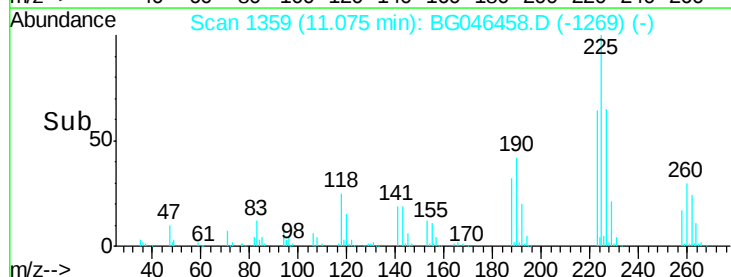


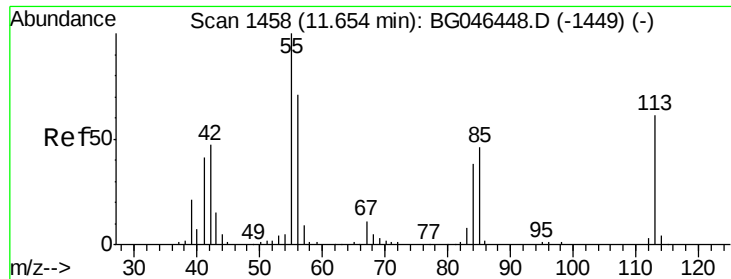
#34
 Hexachlorobutadiene
 Concen: 34.889 ng
 RT: 11.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	49.9	74.9		
227	65.0	51.6	77.4		



Abundance Ion 225.00 (224.70 to 225.70): E
 100000
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.564 ng/mL

RT: 11.65 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131215BS

Tot Ion: 113 Resp: 75501

Ion Ratio Lower Upper

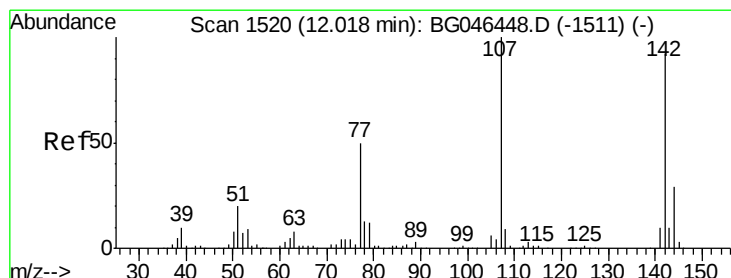
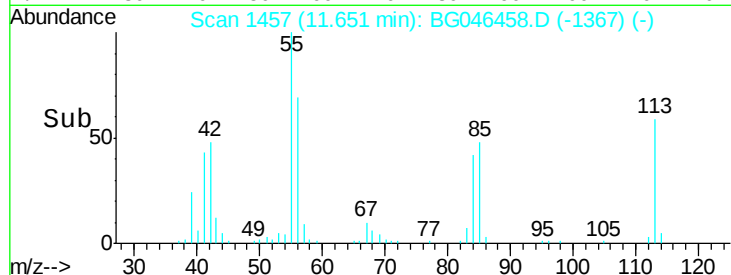
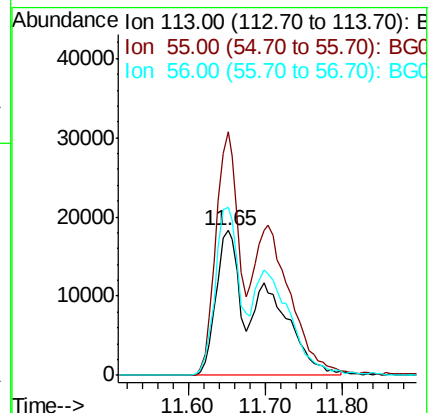
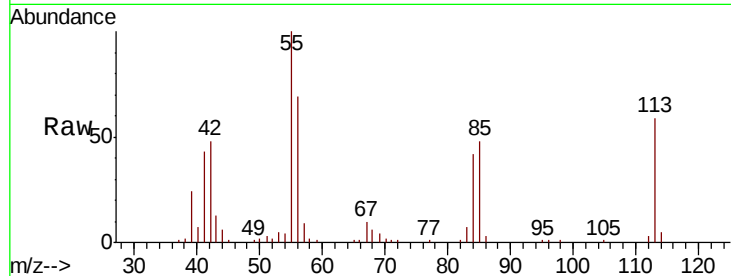
113 100

55 168.4 144.2 184.2

56 116.3 97.0 137.0

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#36

4-Chloro-3-methylphenol

Concen: 45.495 ng/mL

RT: 12.02 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

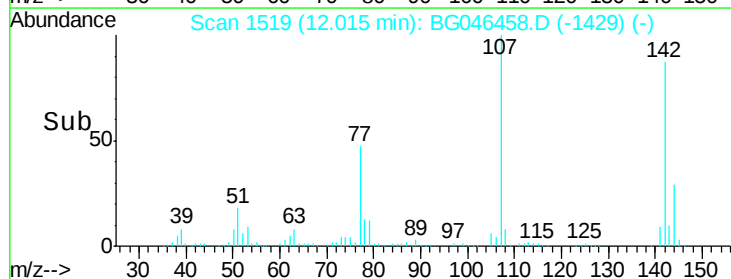
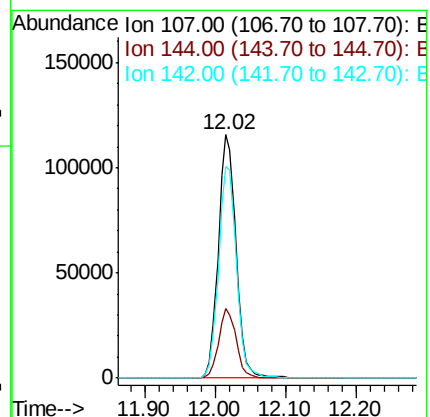
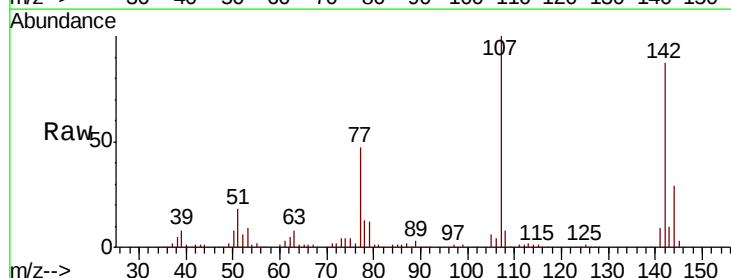
Tgt Ion: 107 Resp: 201678

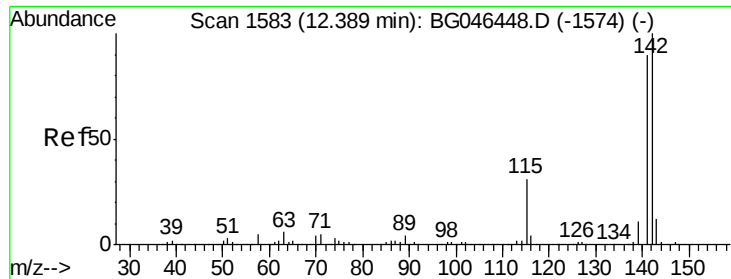
Ion Ratio Lower Upper

107 100

144 28.6 23.3 34.9

142 86.8 73.7 110.5





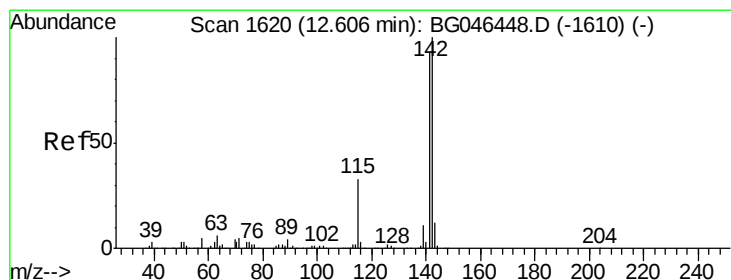
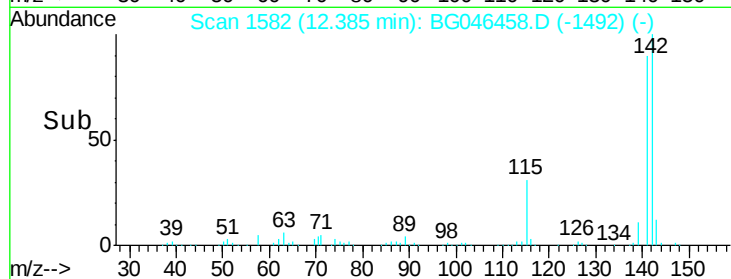
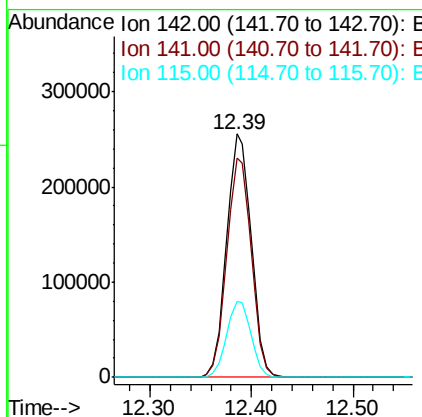
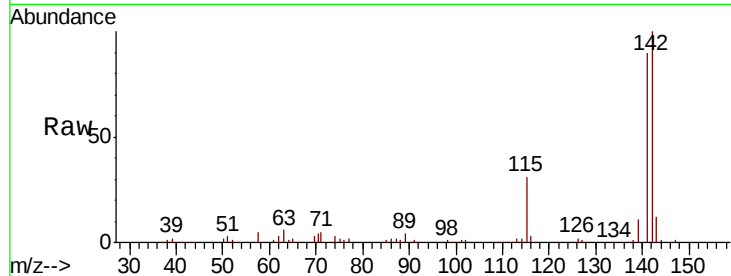
#37
2-Methylnaphthalene
Concen: 41.078 ng
RT: 12.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131215BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.1	108.1
115	31.1	24.9	37.3

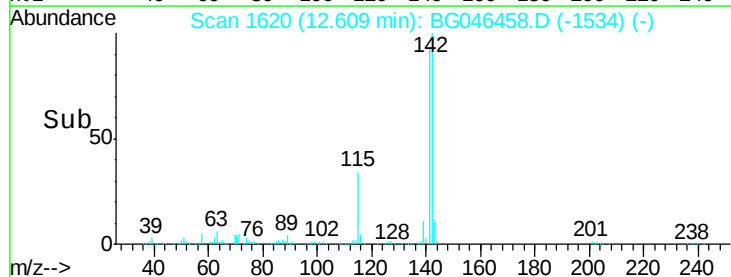
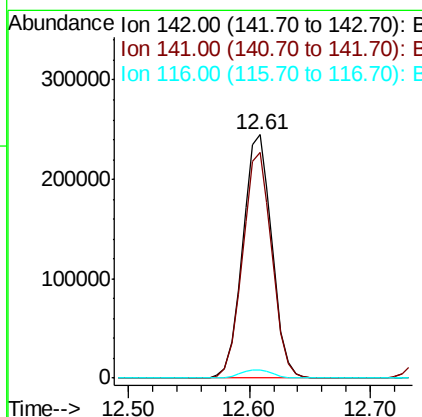
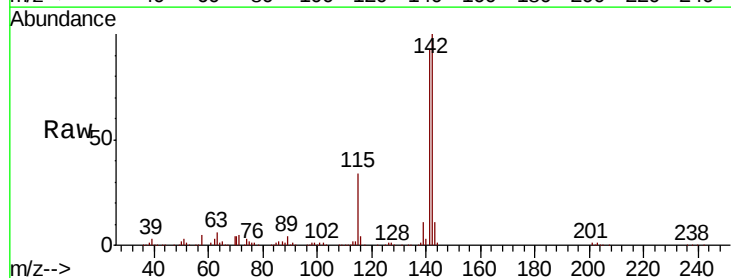
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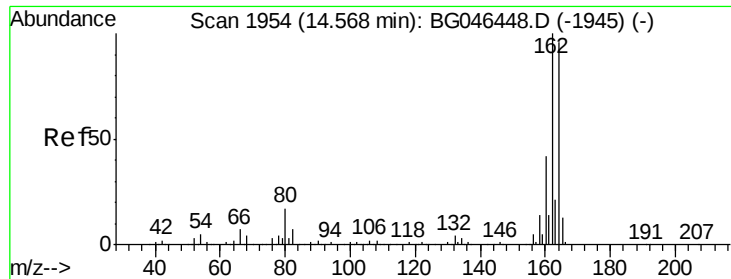
mohammad
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#38
1-Methylnaphthalene
Concen: 41.546 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.7	112.1
116	3.6	2.6	4.0





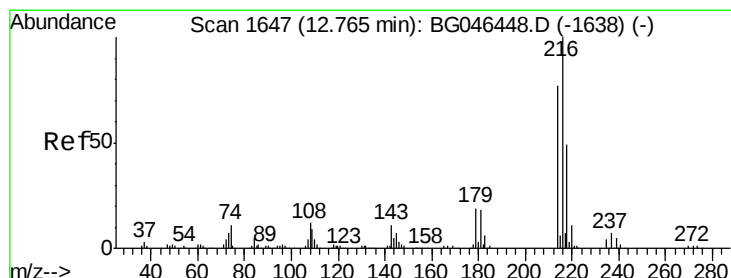
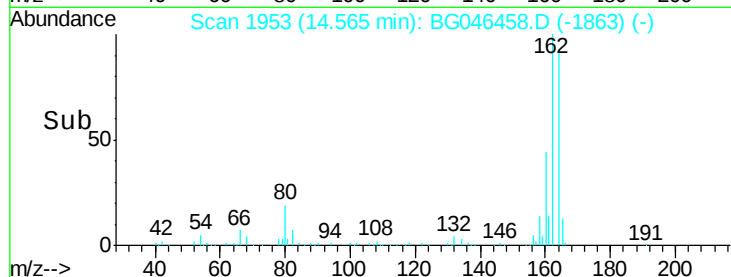
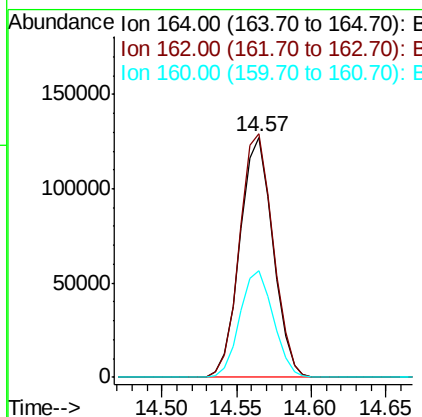
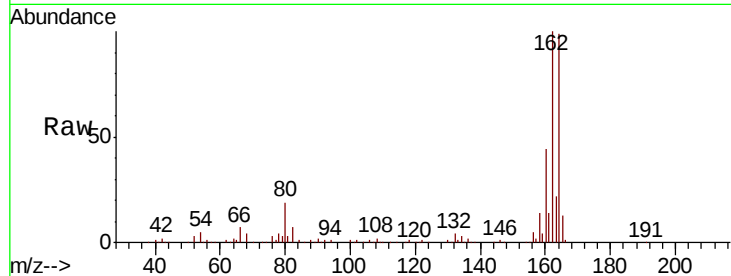
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131215BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	195481		
162	101.3	83.3	124.9	
160	44.2	35.0	52.6	

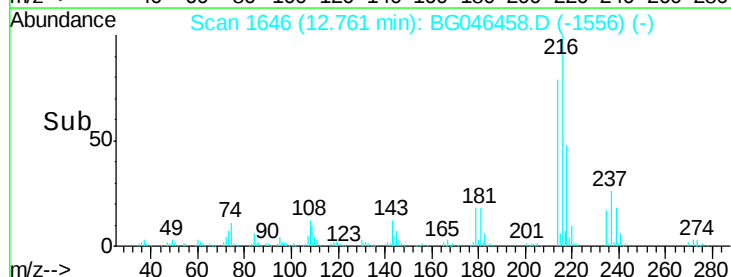
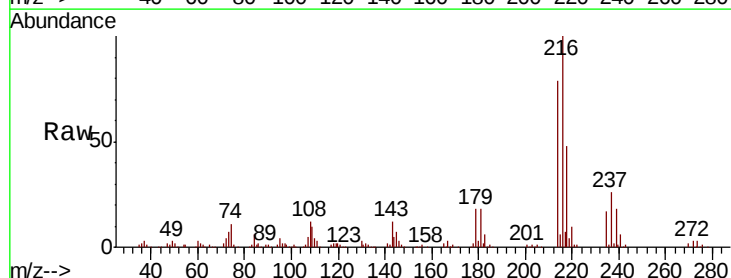
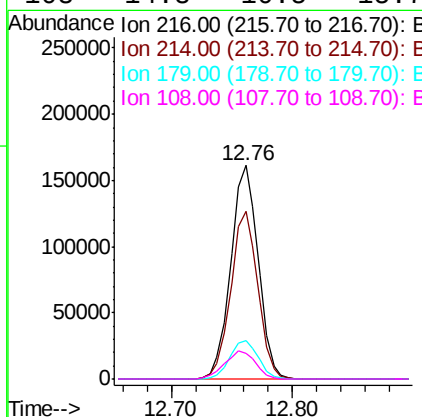
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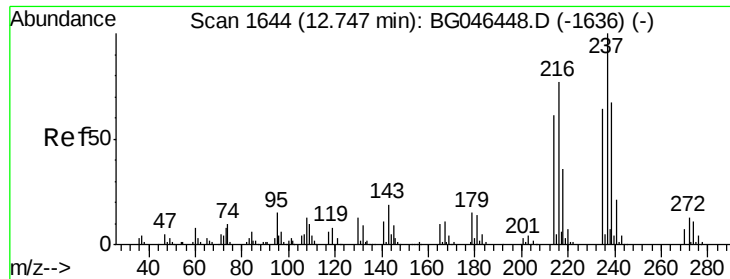
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.412 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	254061		
214	77.7	62.1	93.1	
179	18.6	14.9	22.3	
108	14.8	10.5	15.7	





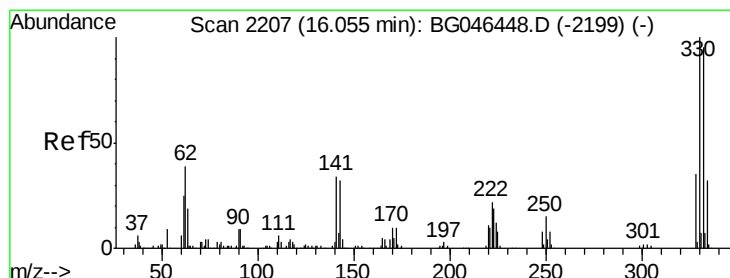
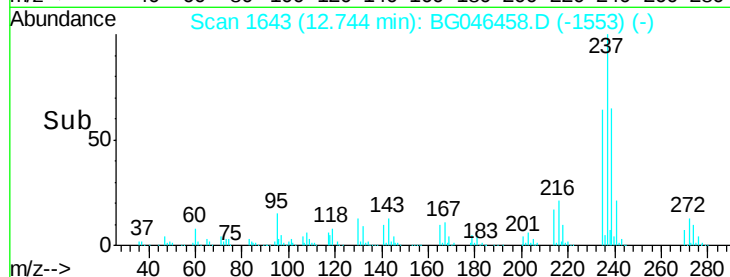
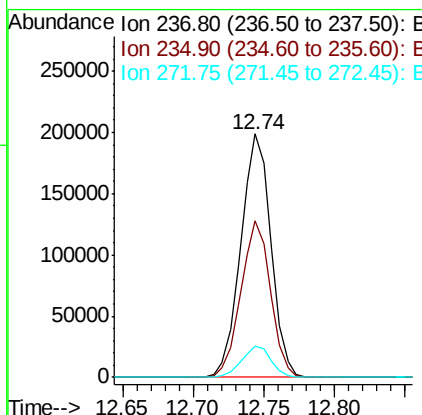
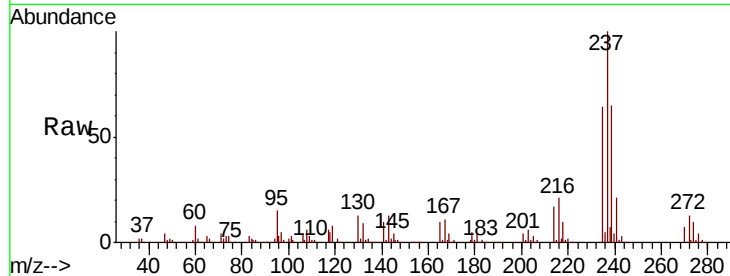
#41
Hexachlorocyclopentadiene
Concen: 105.513 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampled :
PB131215BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.2	44.5	84.5
272	12.8	0.0	32.8

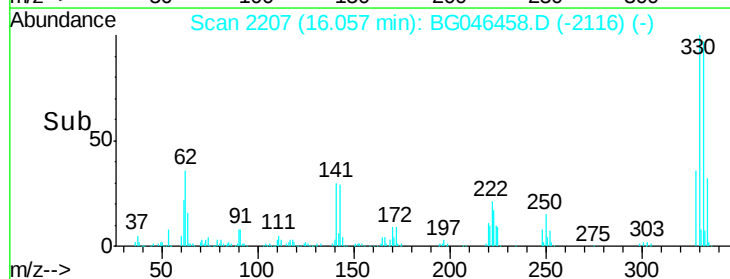
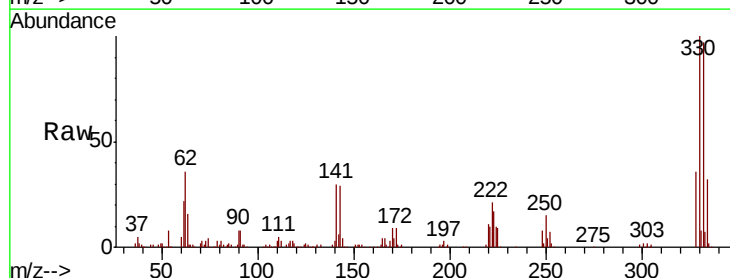
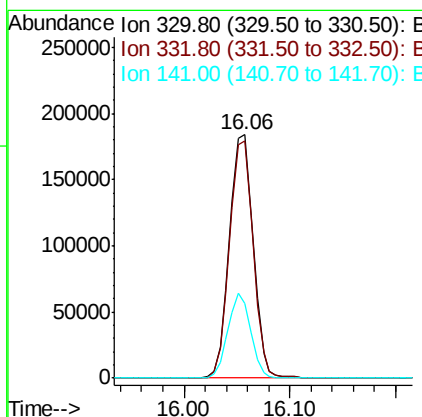
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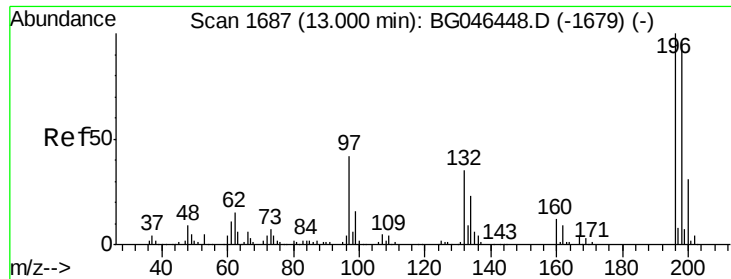
mohammad
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#42
2,4,6-Tribromophenol
Concen: 107.987 ng
RT: 16.06 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.1	76.1	114.1
141	33.4	26.1	39.1





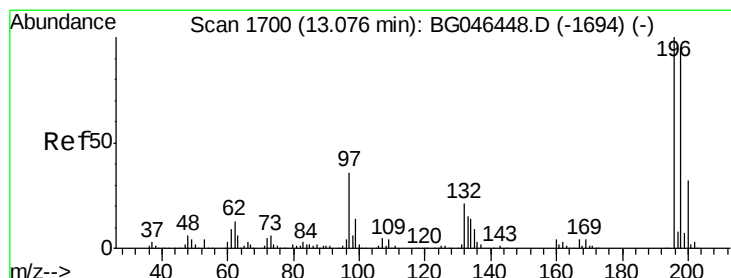
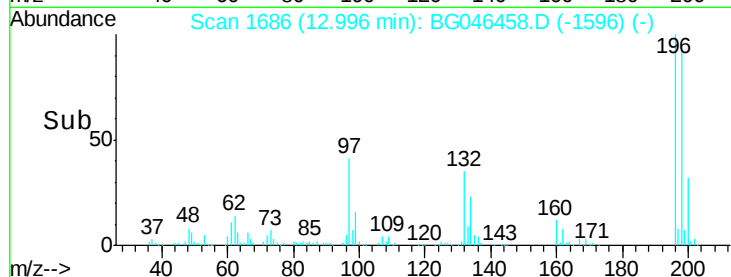
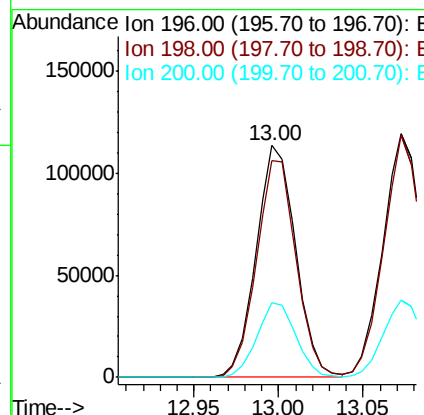
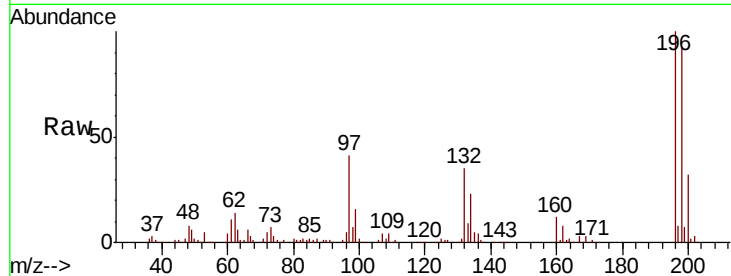
#43
 2,4,6-Trichlorophenol
 Concen: 42.351 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131215BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	184233		
198	93.4	77.0	115.6	
200	32.0	25.2	37.8	

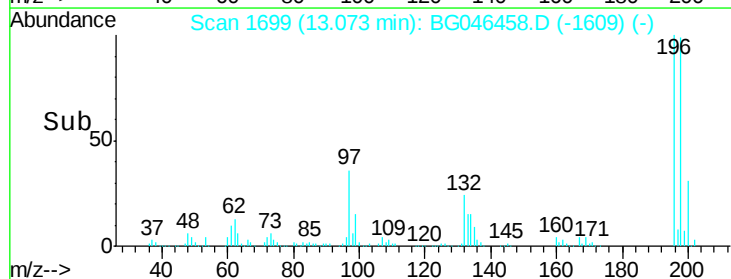
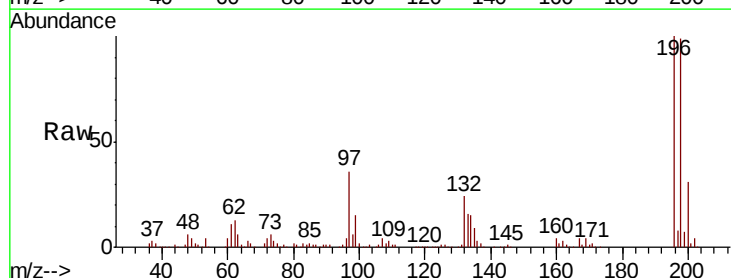
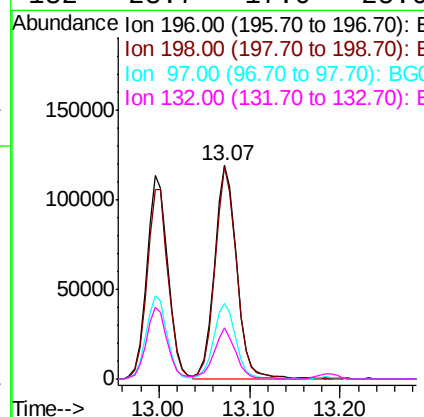
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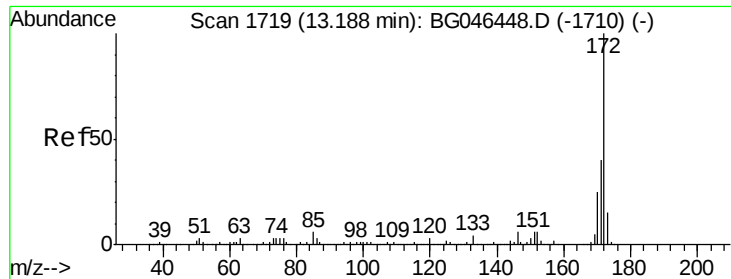
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.982 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	201019		
198	99.5	75.6	113.4	
97	35.7	28.6	43.0	
132	23.7	17.0	25.6	





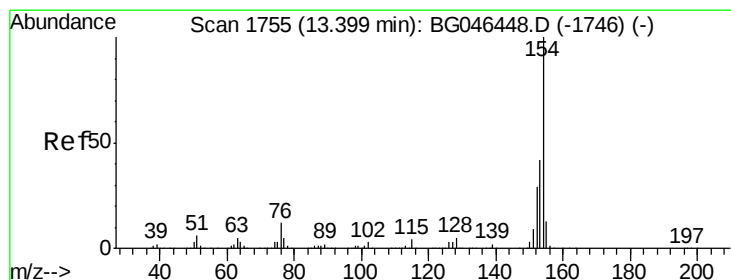
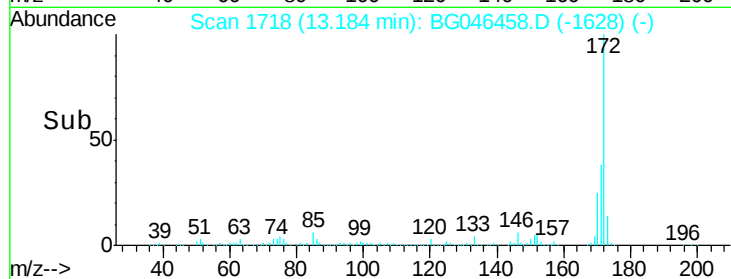
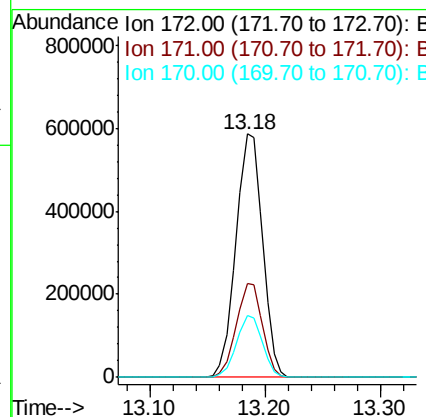
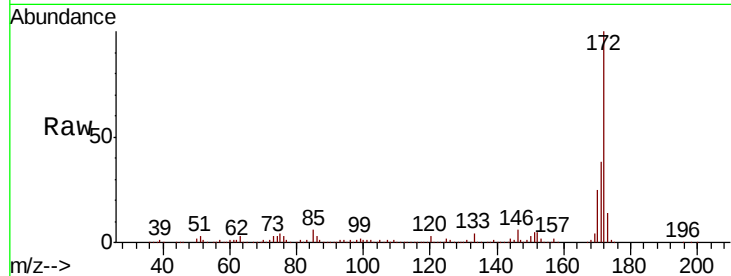
#45
 2-Fluorobiphenyl
 Concen: 73.164 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131215BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.8	47.6
170	25.4	20.3	30.5

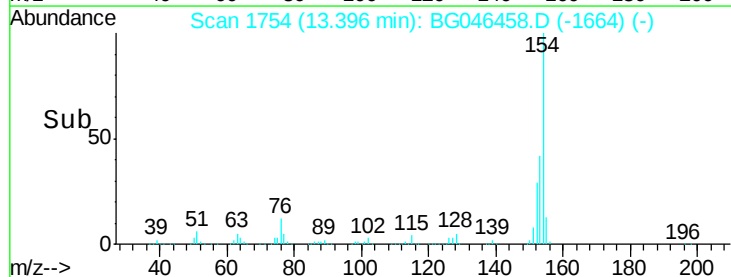
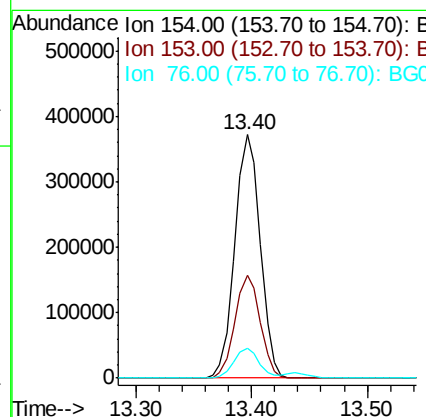
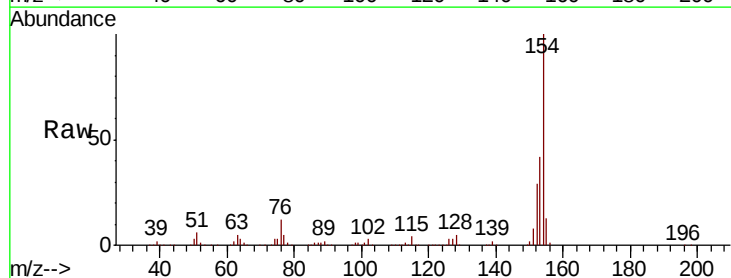
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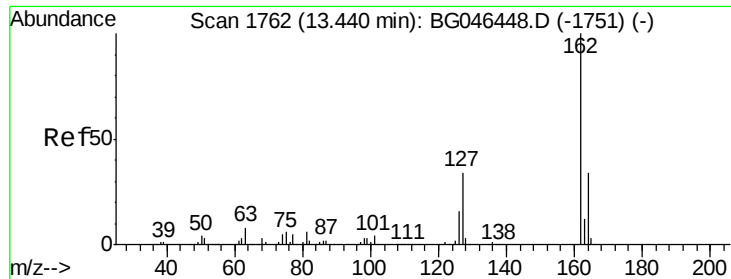
mohammad
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#46
 1,1'-Biphenyl
 Concen: 41.613 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.0	62.0
76	12.0	0.0	32.3





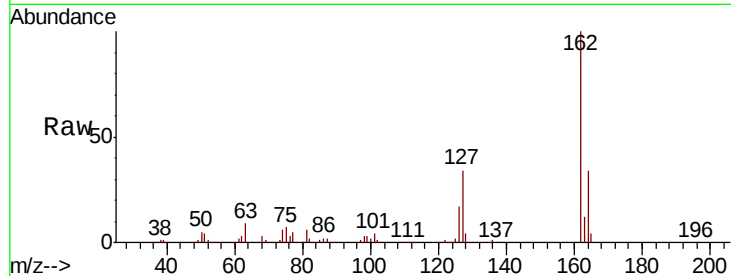
#47
2-Chloronaphthalene
Concen: 38.652 ng
RT: 13.44 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131215BS

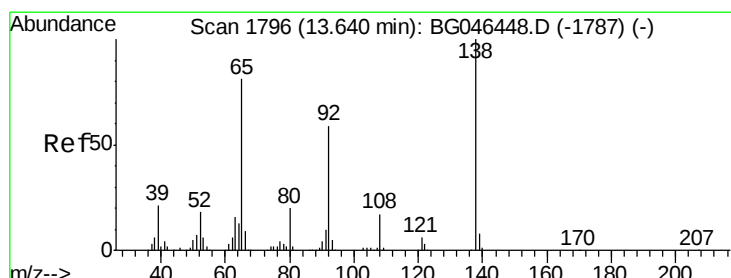
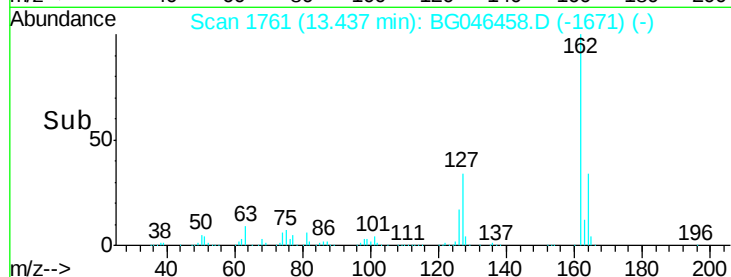
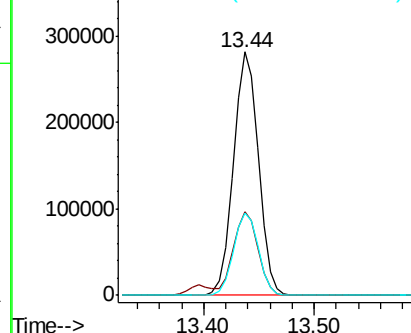
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.2	27.6	41.4
164	33.6	27.3	40.9

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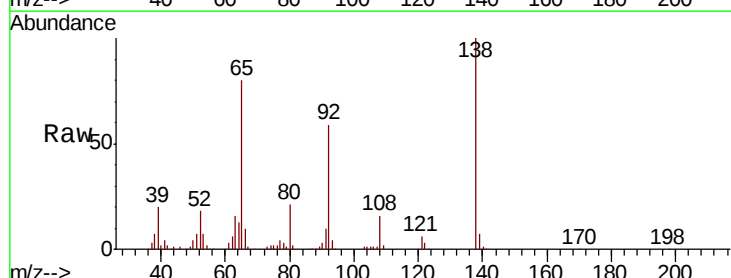


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

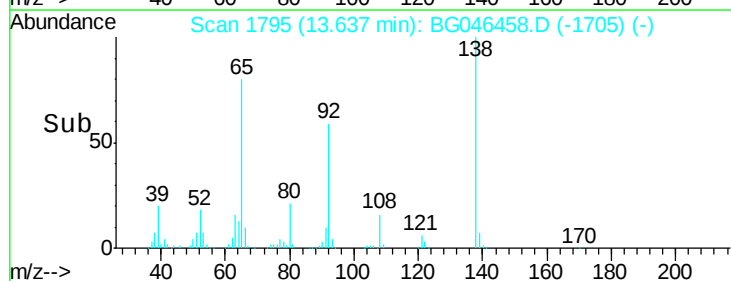
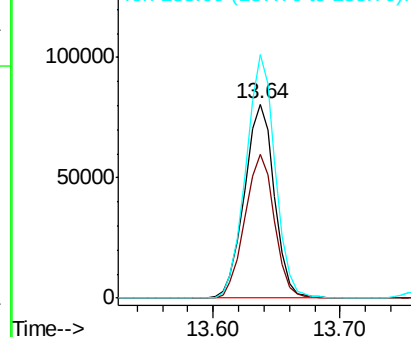


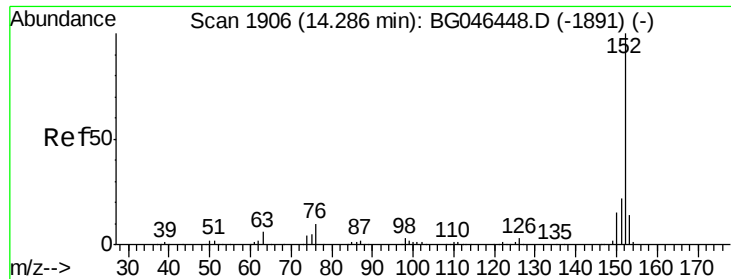
#48
2-Nitroaniline
Concen: 41.118 ng
RT: 13.64 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.5	58.5	87.7
138	125.7	98.4	147.6



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





#49

Acenaphthylene

Concen: 42.856 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA_G

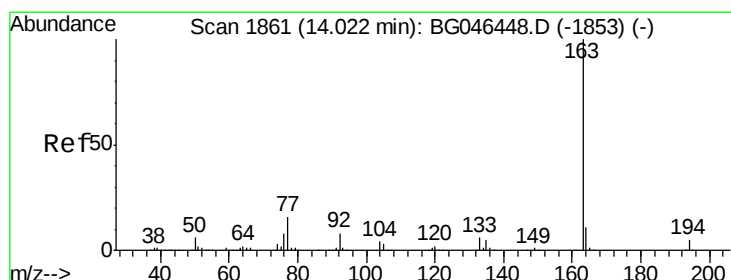
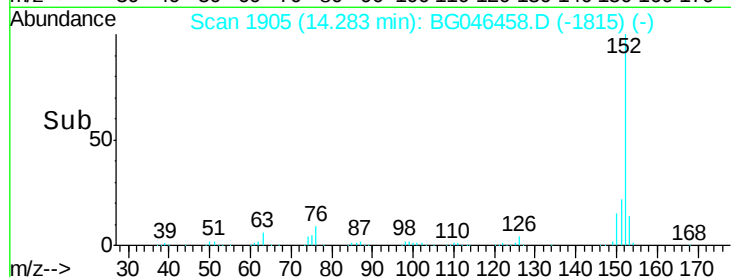
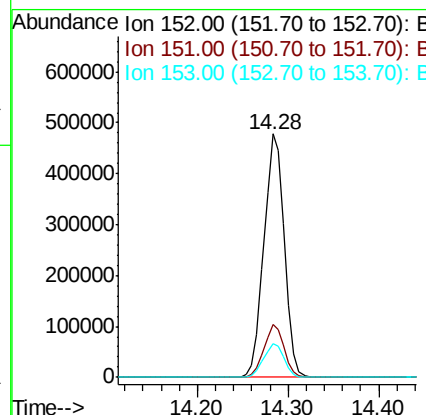
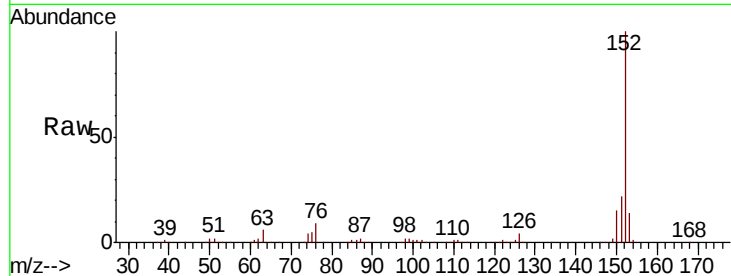
ClientSampleId :

PB131215BS

Tot Ion:	152	Resp:	749640
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.7	26.5
153	13.9	11.2	16.8

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#50

Dimethylphthalate

Concen: 41.405 ng

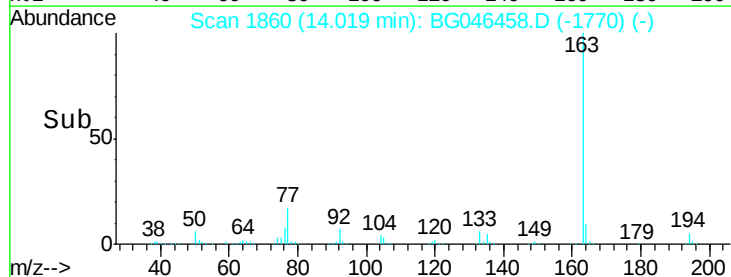
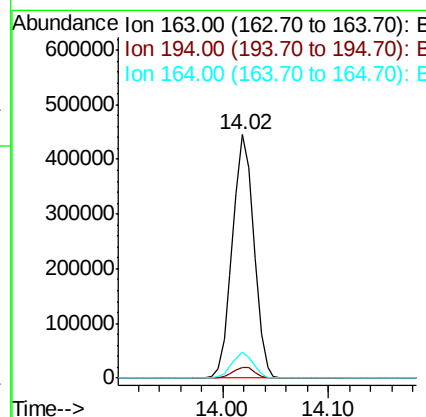
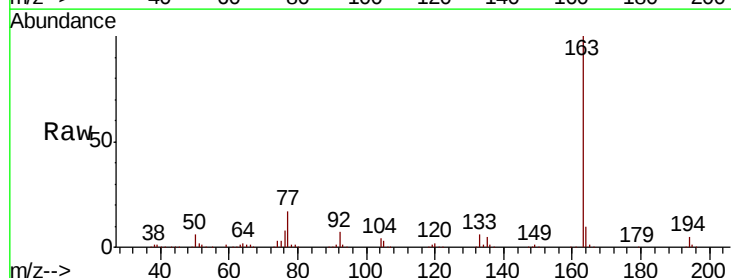
RT: 14.02 min Scan# 1860

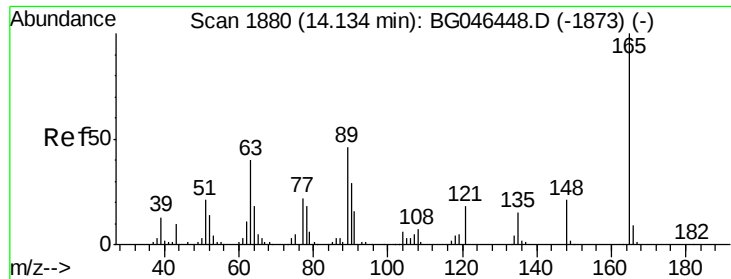
Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Tgt Ion:	163	Resp:	626187
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.7	5.5
164	10.5	8.6	12.8





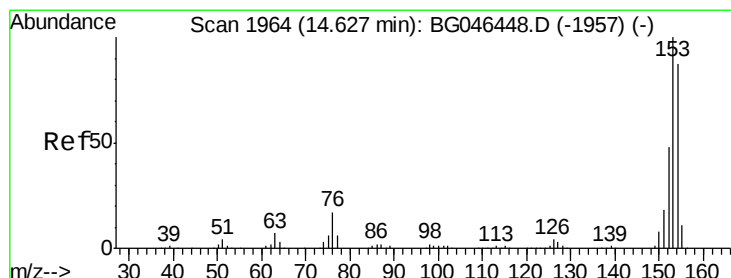
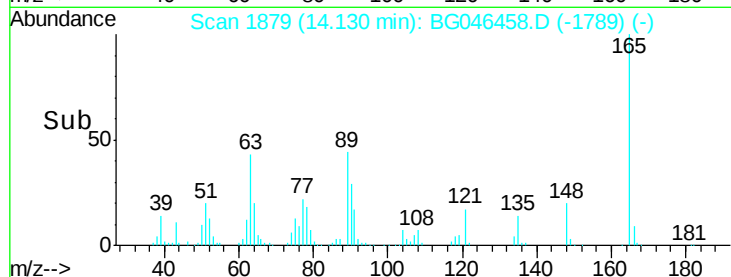
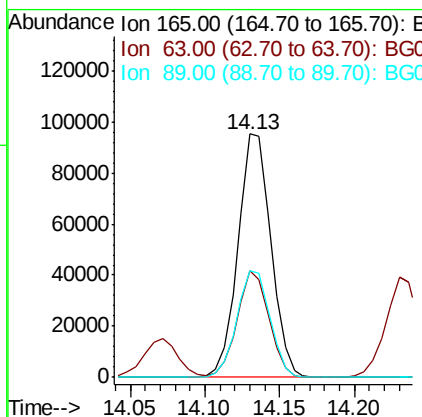
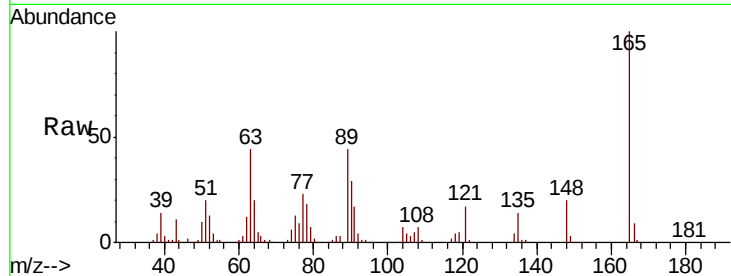
#51
 2,6-Dinitrotoluene
 Concen: 43.735 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131215BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.6	34.2	51.4
89	43.7	37.0	55.4

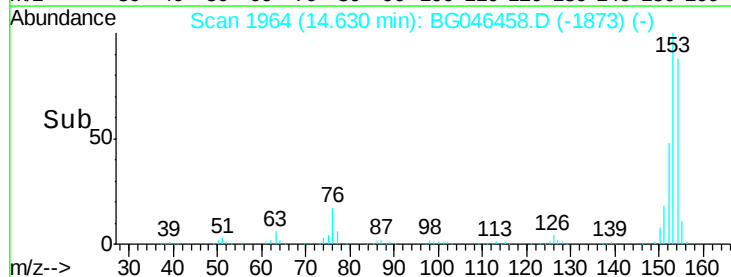
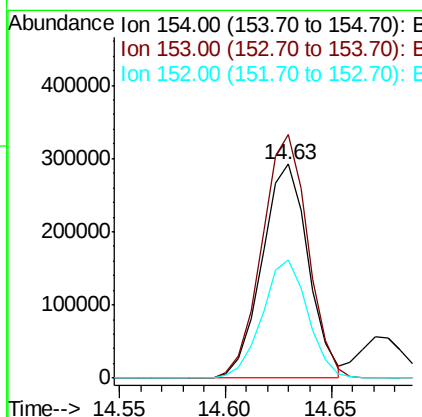
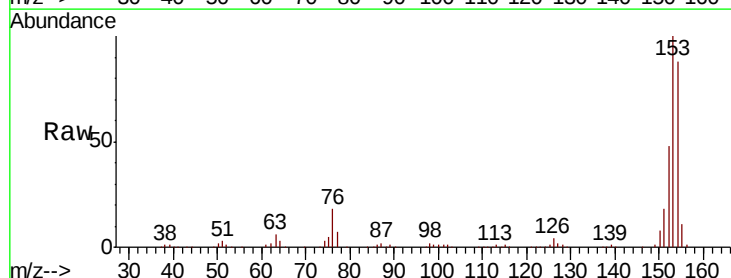
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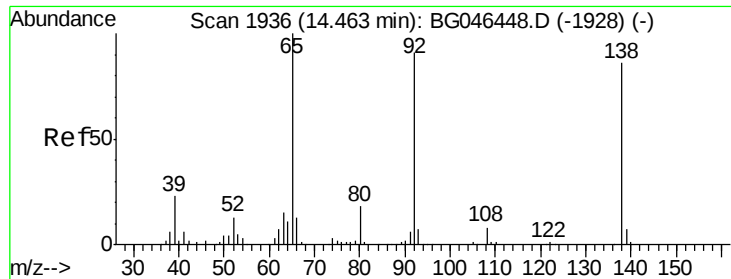
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#52
 Acenaphthene
 Concen: 41.101 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.9	137.9
152	55.2	43.8	65.6





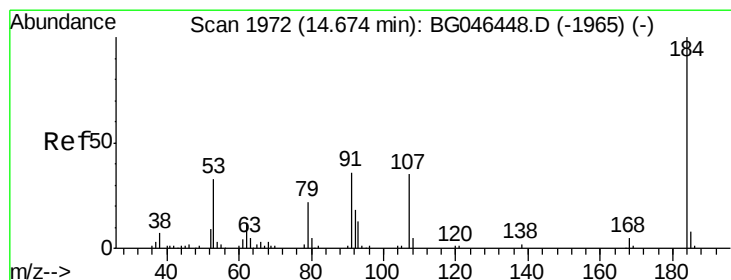
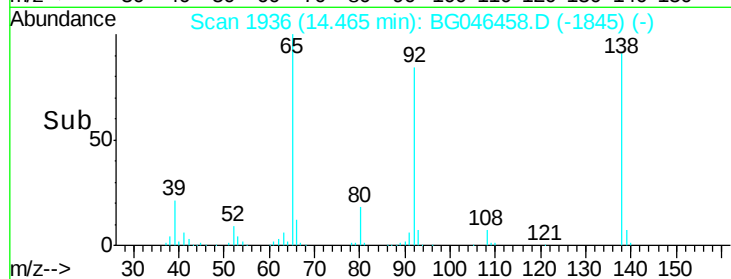
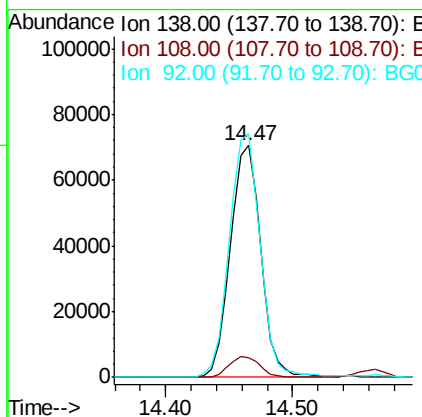
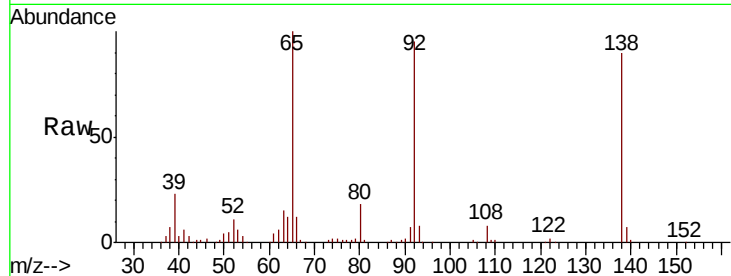
#53
3-Nitroaniline
Concen: 32.518 ng
RT: 14.47 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131215BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.5	7.0	10.6
92	105.0	84.6	127.0

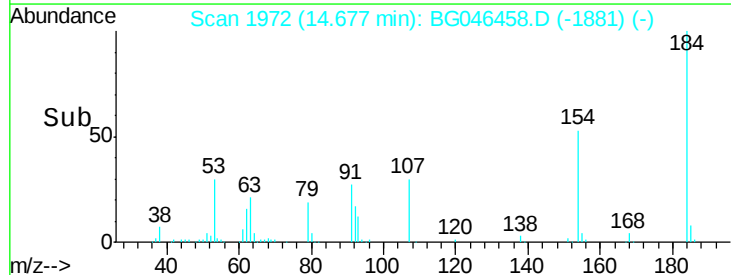
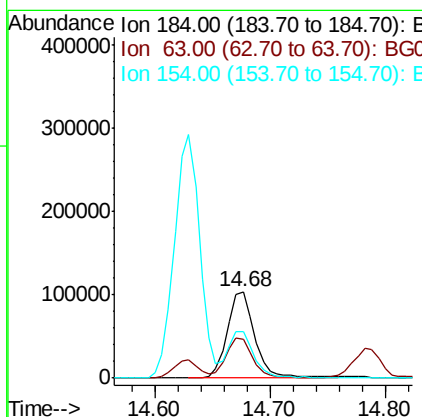
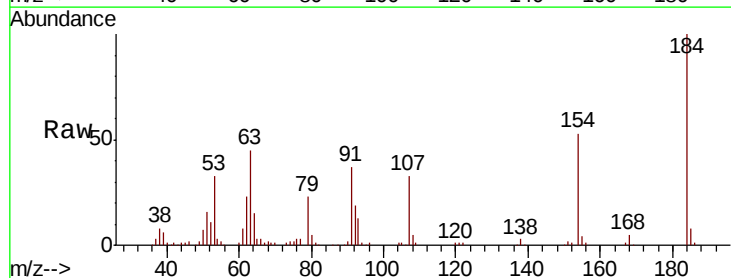
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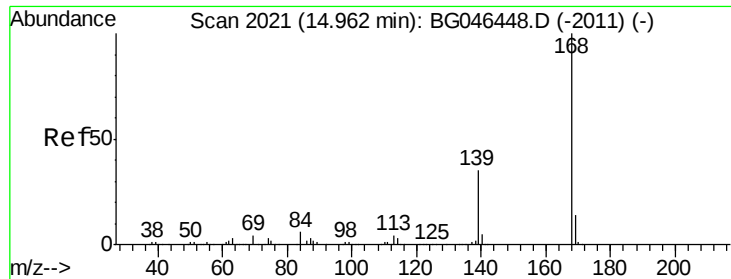
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#54
2,4-Dinitrophenol
Concen: 88.464 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	44.6	35.6	53.4
154	53.0	44.3	66.5





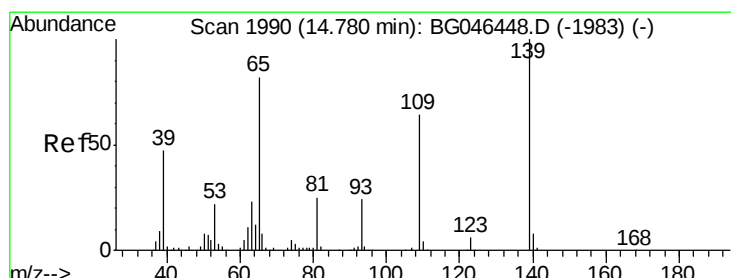
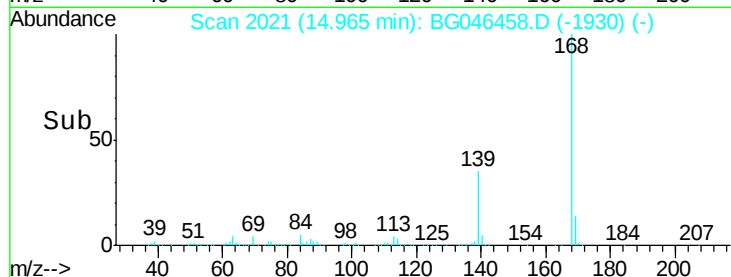
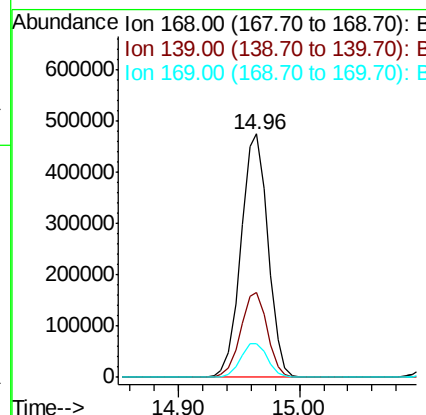
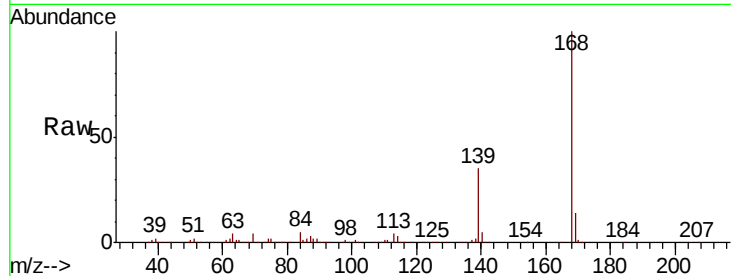
#55
Dibenzenofuran
Concen: 42.480 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131215BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.8	28.1	42.1
169	13.8	11.5	17.3

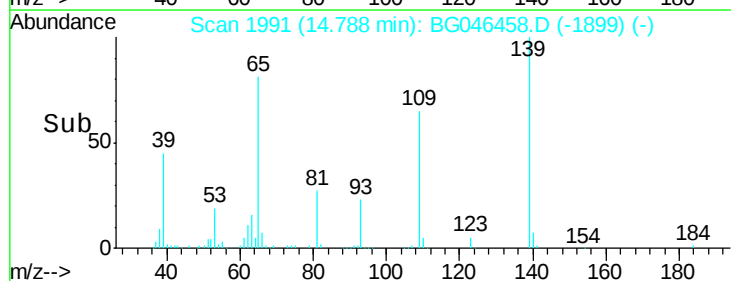
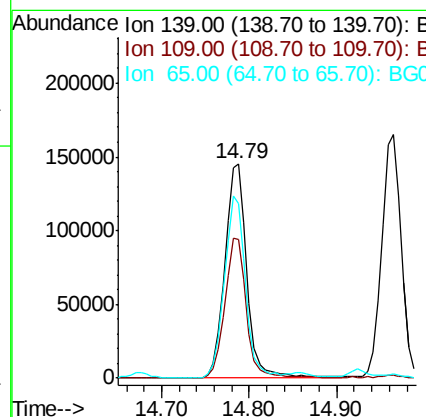
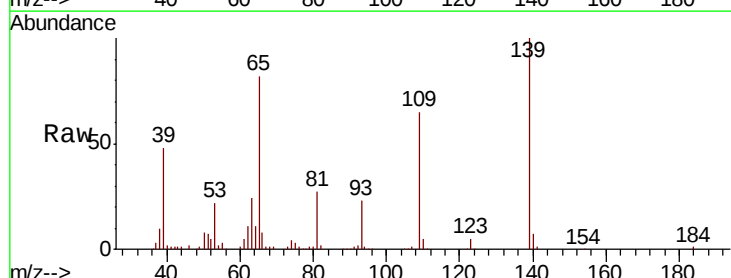
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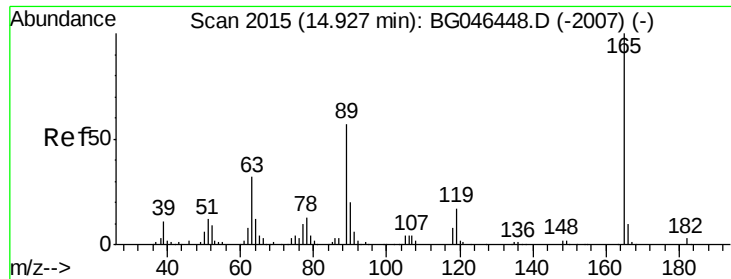
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#56
4-Nitrophenol
Concen: 95.603 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.8	44.3	84.3
65	81.7	61.5	101.5





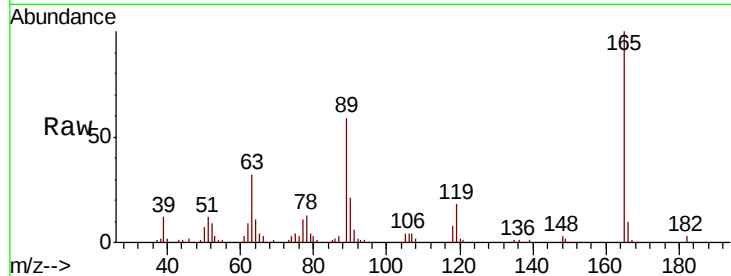
#57
 2,4-Dinitrotoluene
 Concen: 44.433 ng
 RT: 14.92 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131215BS

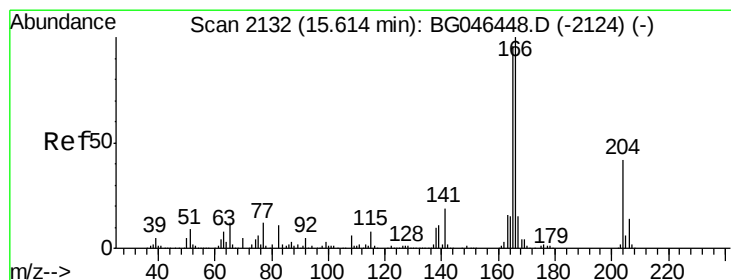
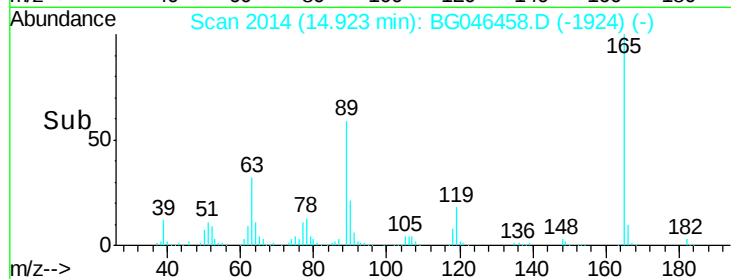
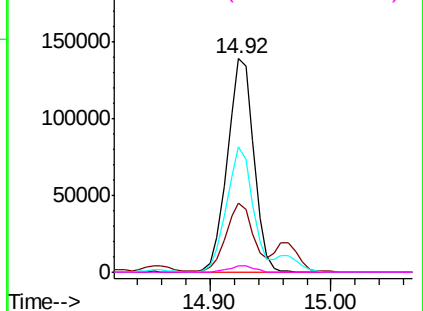
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		211210		
63	32.2	25.4	38.0		
89	58.7	45.9	68.9		
182	3.0	2.3	3.5		

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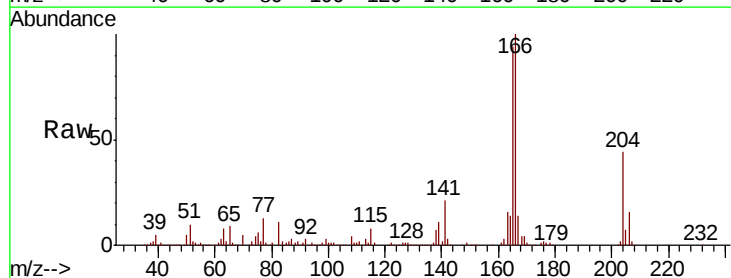


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

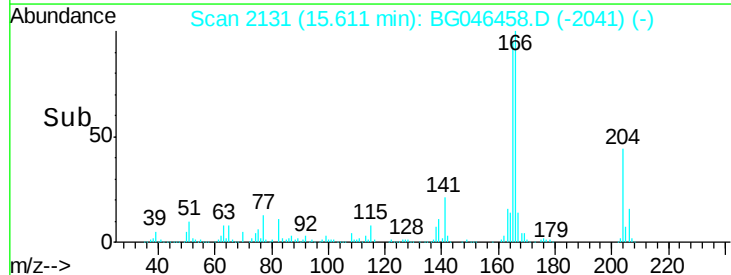
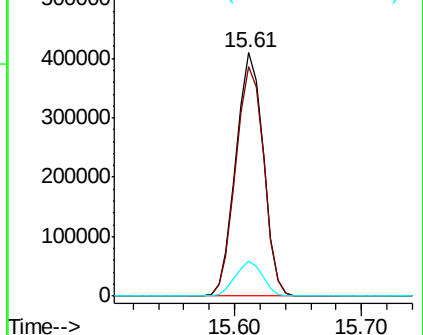


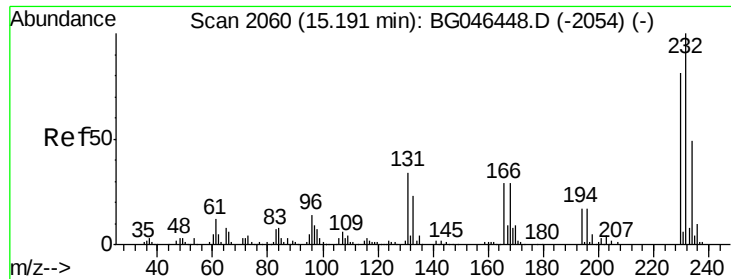
#58
 Fluorene
 Concen: 42.113 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		614860		
165	94.4	77.0	115.4		
167	14.3	11.8	17.6		



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





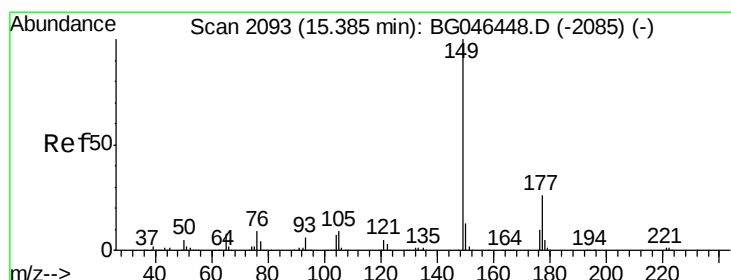
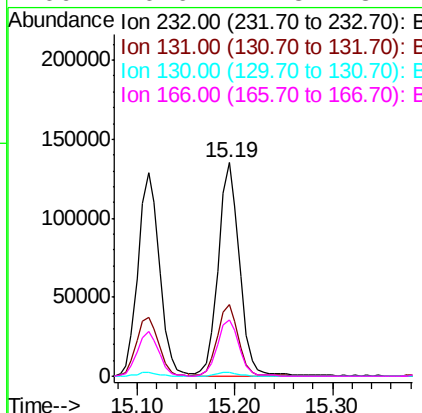
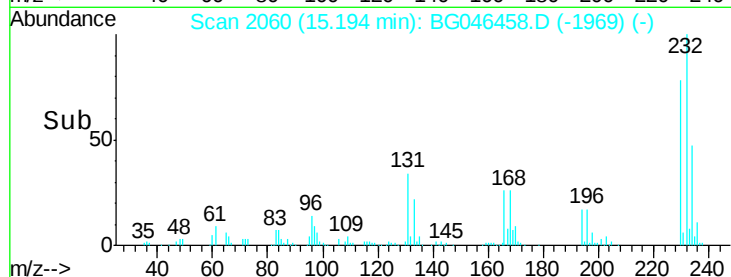
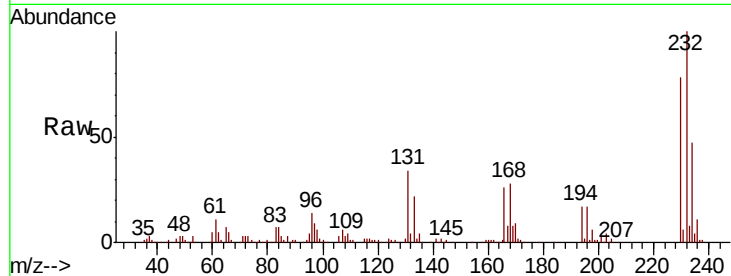
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.824 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131215BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	203382		
131	34.1	26.8	40.2	
130	2.0	1.4	2.2	
166	26.6	22.8	34.2	

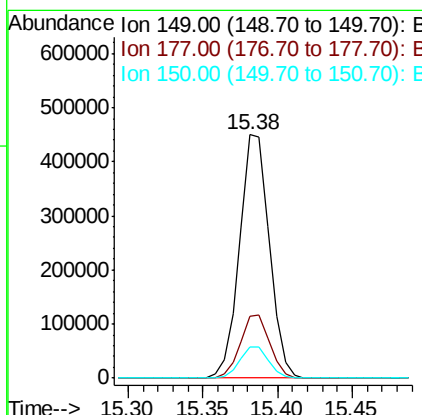
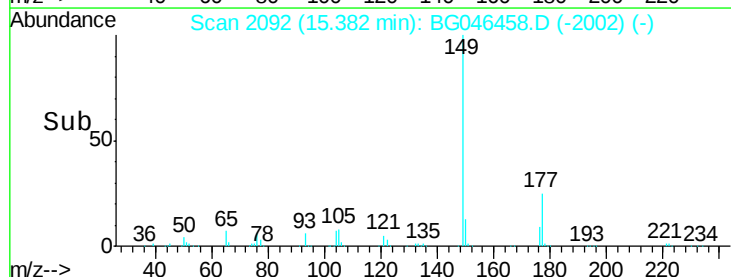
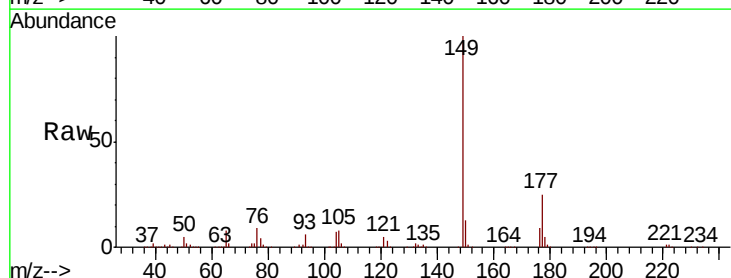
Manual Integrations
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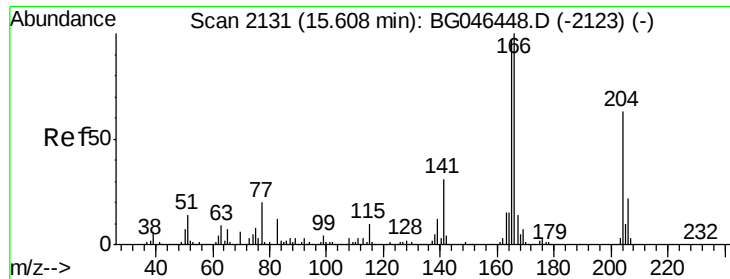
mohammad
 8/27/2020 3:14:20 PM



#60
 Diethylphthalate
 Concen: 42.218 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	622514		
177	25.3	20.6	30.8	
150	12.6	10.3	15.5	





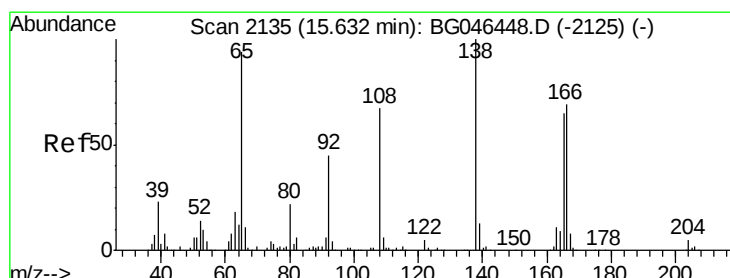
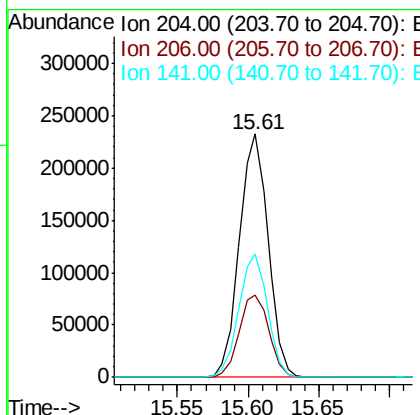
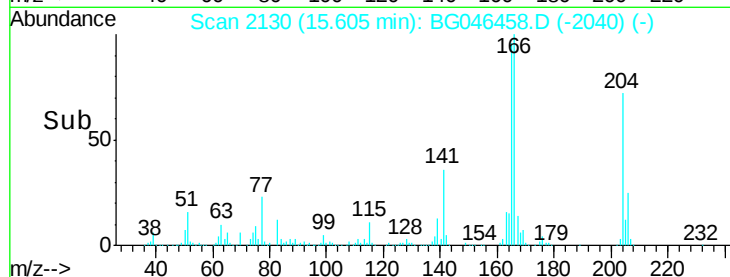
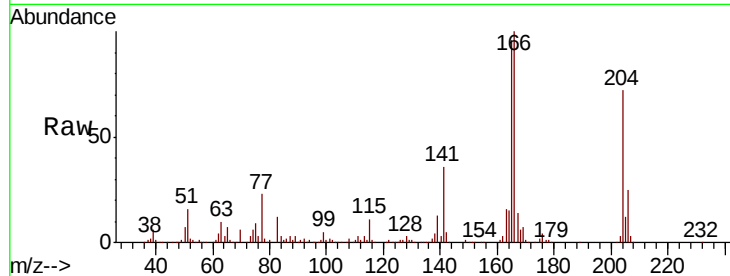
#61
 4-Chlorophenyl-phenylether
 Concen: 41.252 ng
 RT: 15.61 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131215BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.7	41.5
141	50.4	38.7	58.1

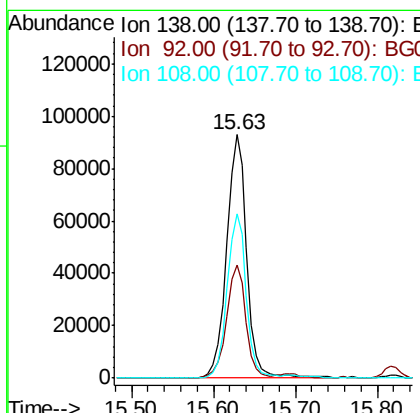
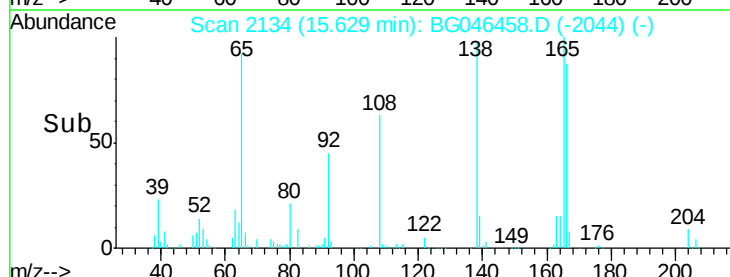
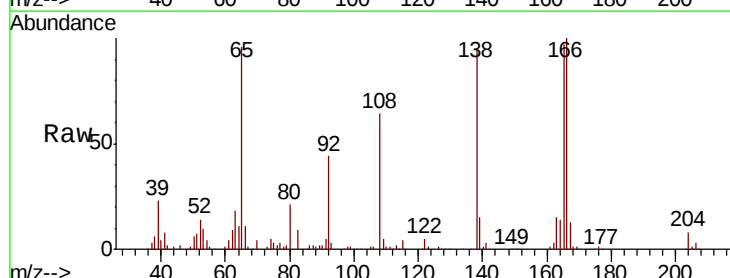
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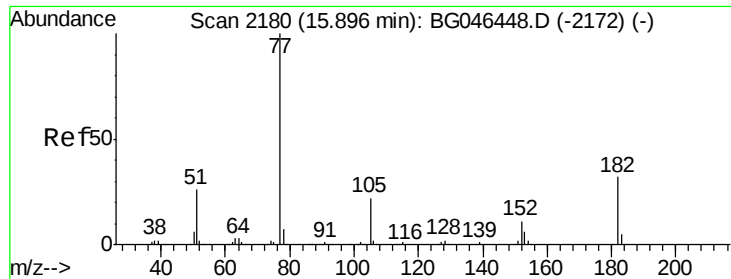
mohammad
 8/27/2020 3:14:20 PM



#62
 4-Nitroaniline
 Concen: 41.559 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	25.3	65.3
108	67.4	46.7	86.7





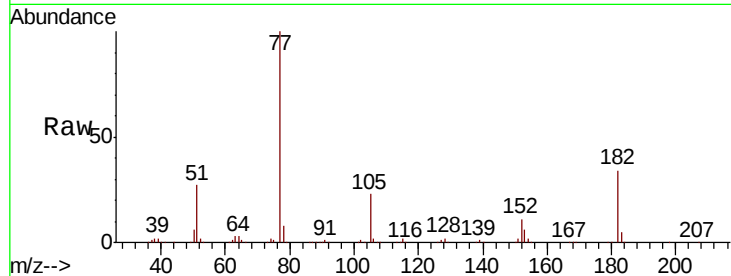
#63
Azobenzene
Concen: 43.396 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131215BS

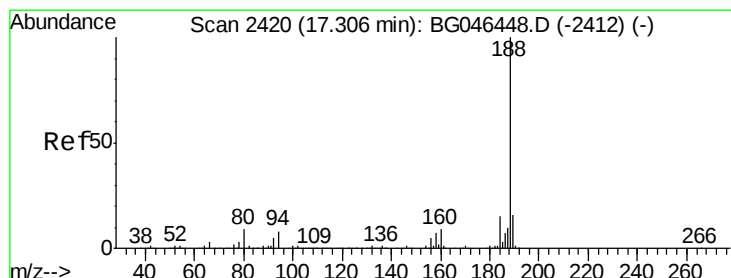
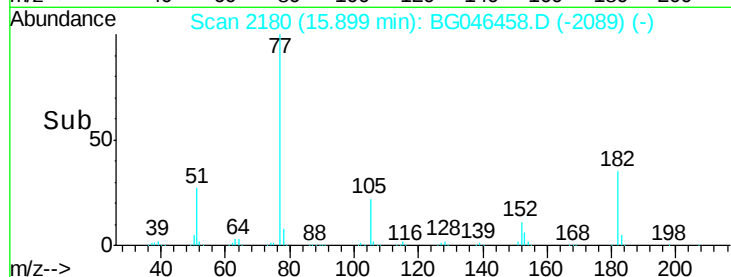
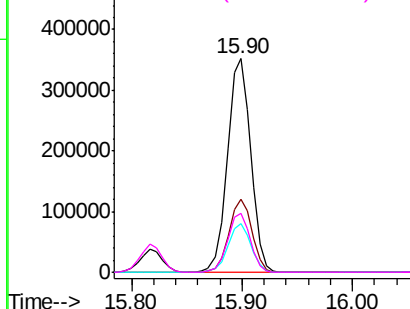
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		520508		
182	34.3	12.3	52.3		
105	22.9	2.3	42.3		
51	27.4	6.5	46.5		

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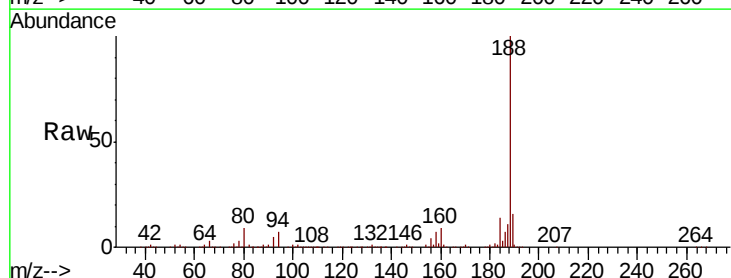


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

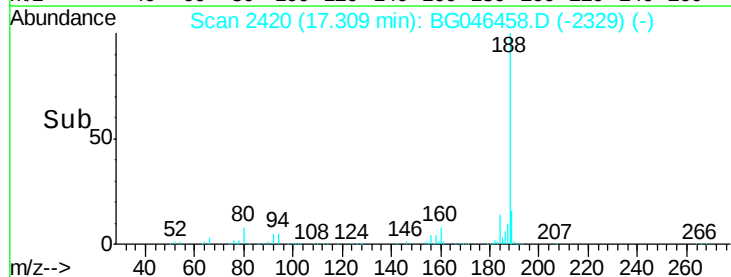
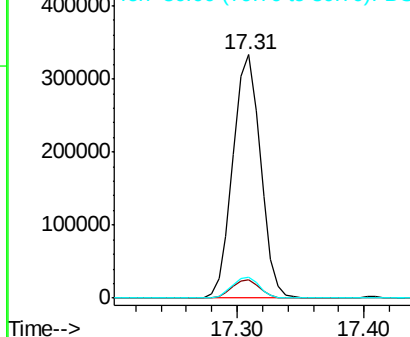


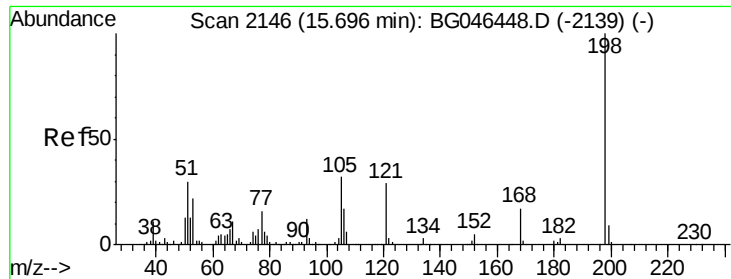
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		503126		
94	7.4	6.3	9.5		
80	8.6	6.9	10.3		



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: 47.548 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA_G

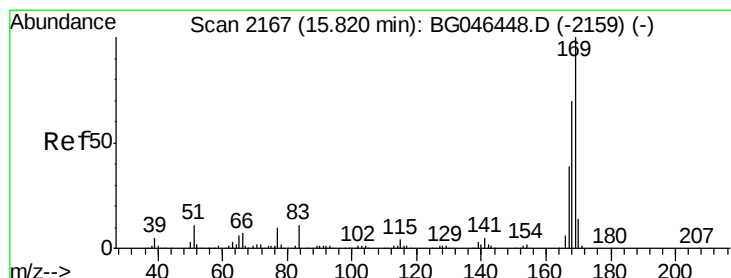
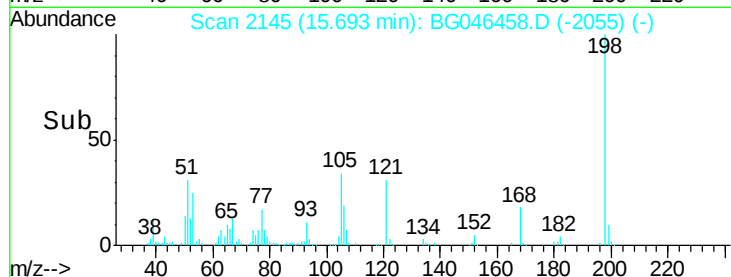
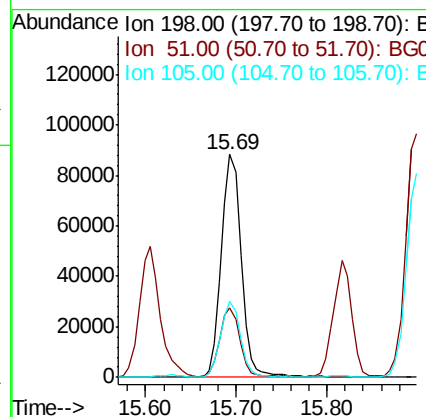
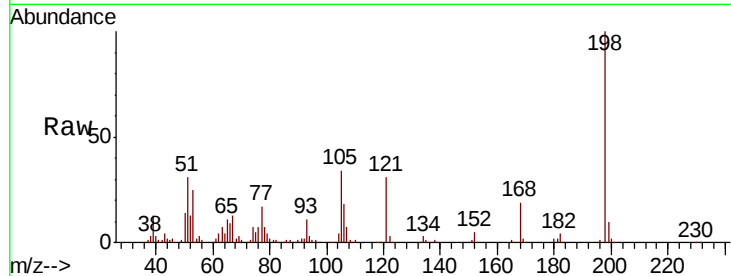
ClientSampleId :

PB131215BS

Tot Ion:	198	Resp:	135404
Ion Ratio	Lower	Upper	
198	100		
51	31.0	10.4	50.4
105	34.1	12.4	52.4

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#66

n-Nitrosodiphenylamine

Concen: 42.053 ng

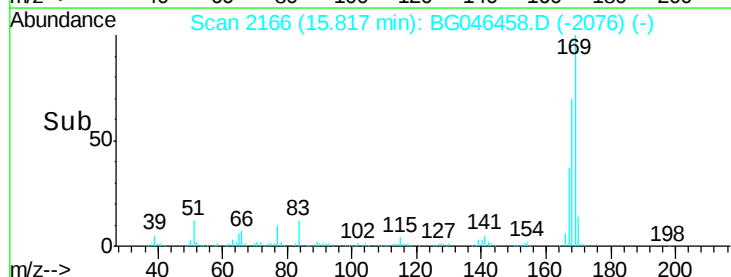
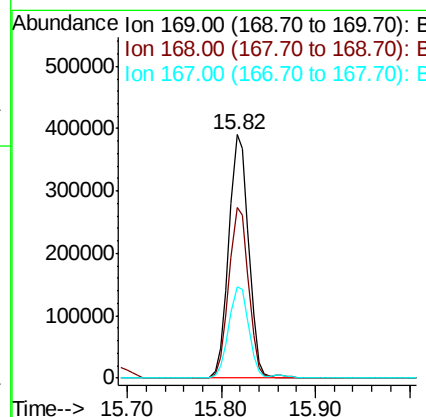
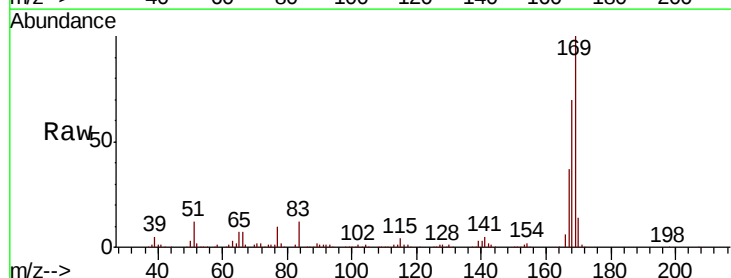
RT: 15.82 min Scan# 2166

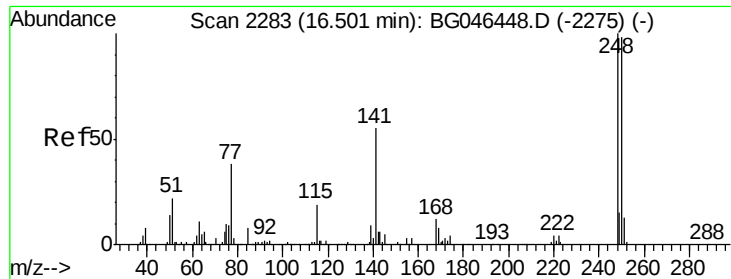
Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Tgt Ion:	169	Resp:	570800
Ion Ratio	Lower	Upper	
169	100		
168	70.2	55.8	83.8
167	37.5	31.0	46.6





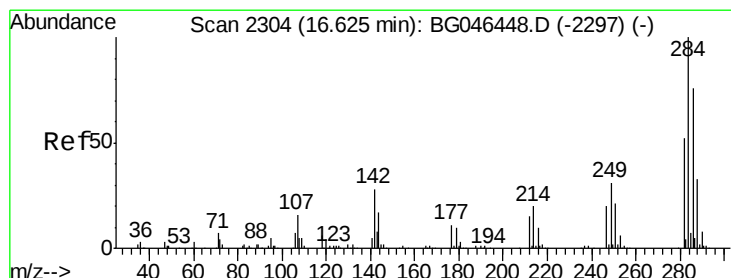
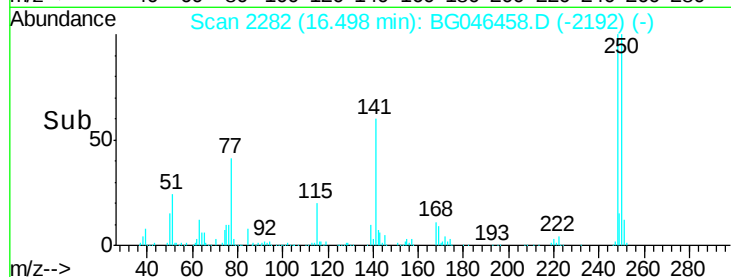
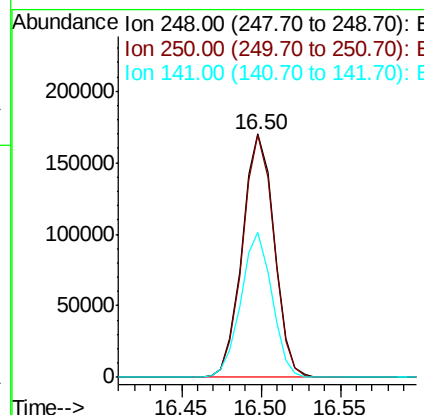
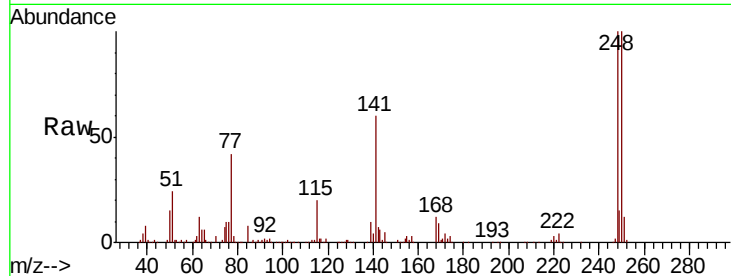
#67
4-Bromophenyl-phenylether
Concen: 40.676 ng
RT: 16.50 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131215BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	78.6	118.0
141	59.7	43.9	65.9

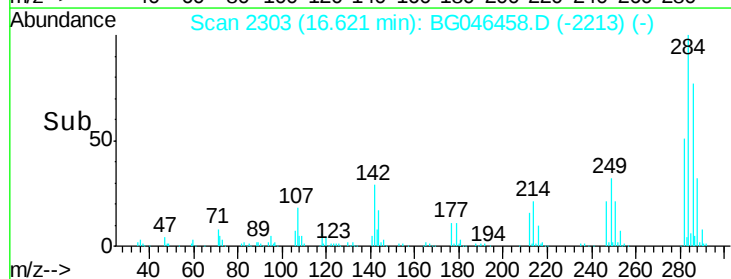
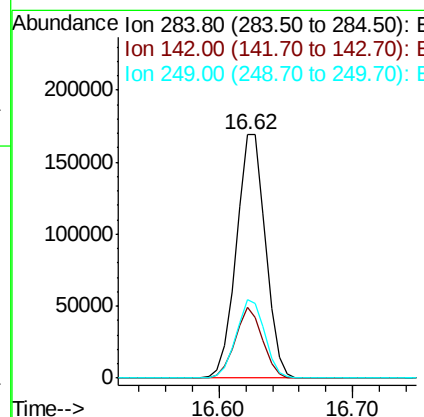
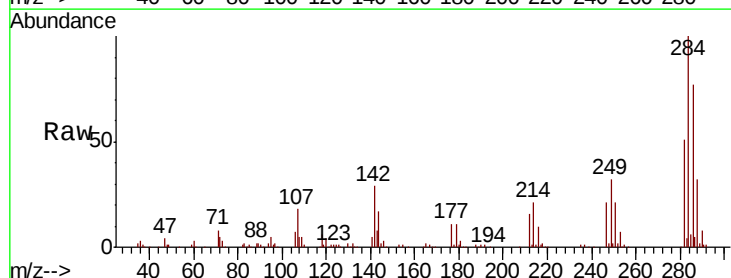
Manual Integrations
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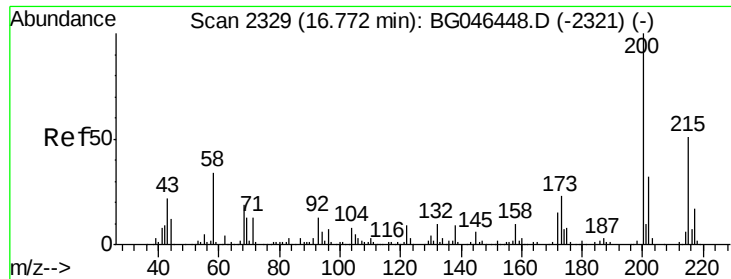
mohammad
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#68
Hexachlorobenzene
Concen: 39.401 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	22.3	33.5
249	32.5	24.8	37.2





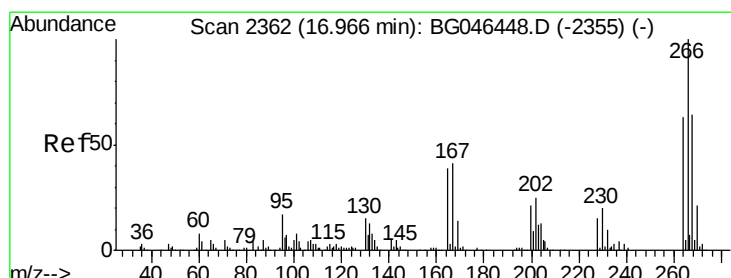
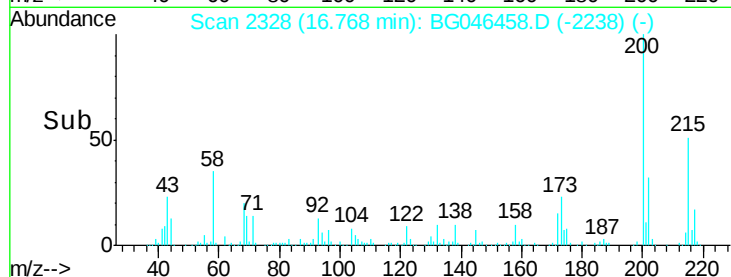
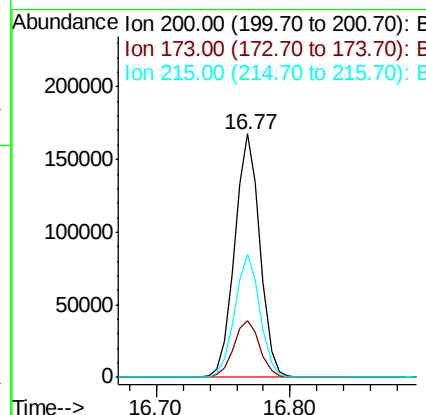
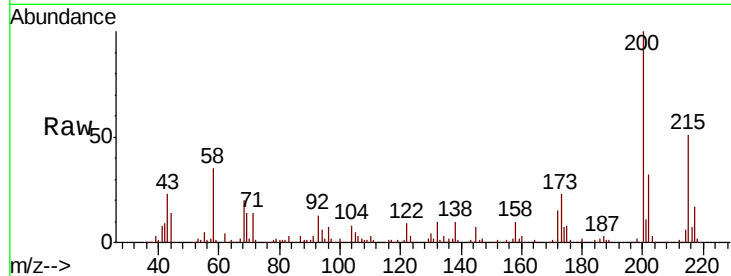
#69
 Atrazine
 Concen: 40.051 ng
 RT: 16.77 min Scan# 2328
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131215BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	221773		
173	23.3	3.3	43.3	
215	50.8	30.9	70.9	

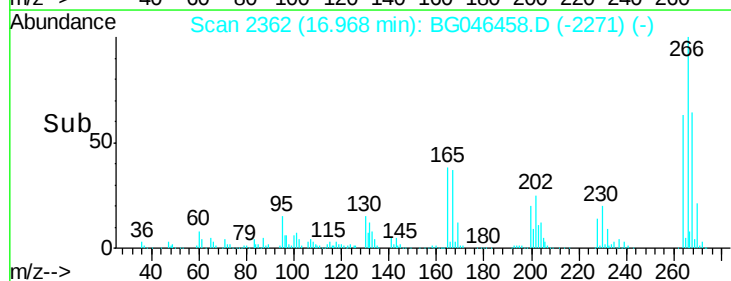
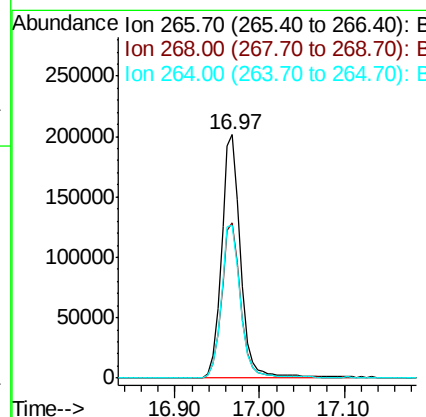
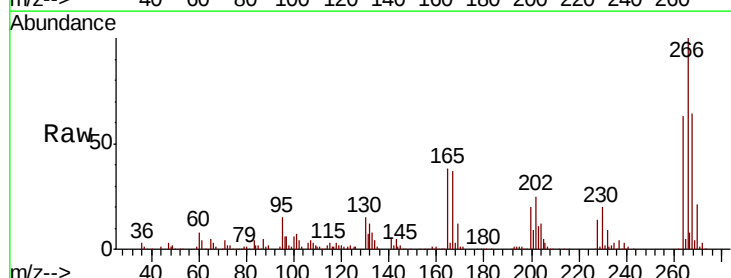
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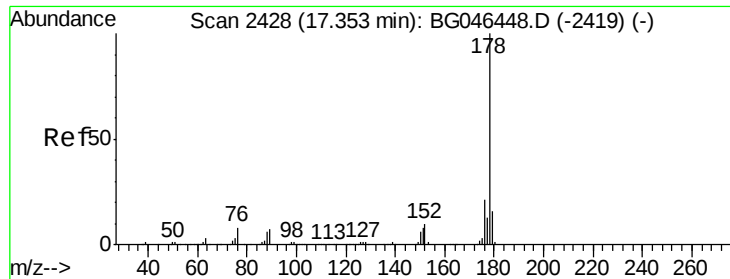
mohammad
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#70
 Pentachlorophenol
 Concen: 94.121 ng
 RT: 16.97 min Scan# 2362
 Delta R.T. 0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	319681		
268	63.6	51.1	76.7	
264	62.7	50.2	75.2	





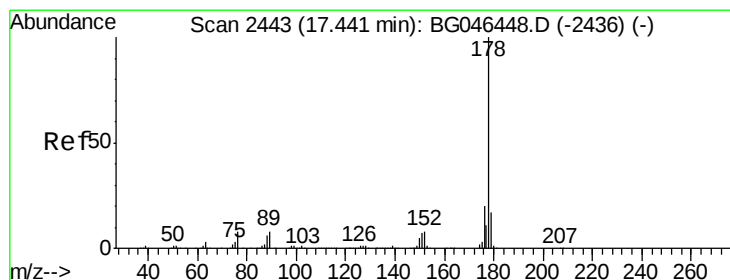
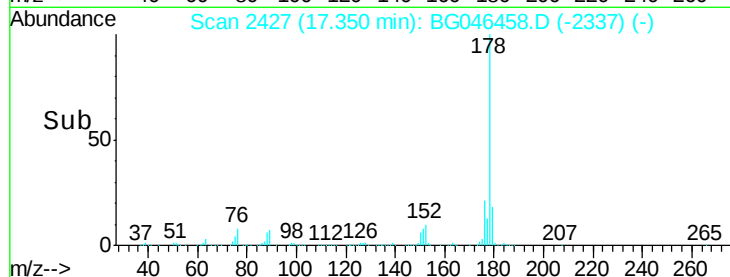
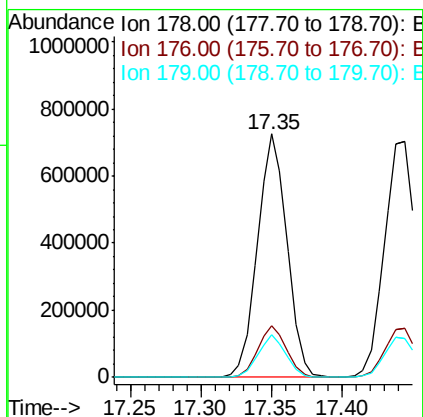
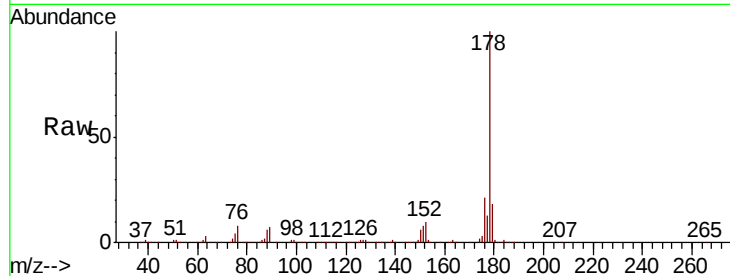
#71
Phenanthrene
Concen: 41.809 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131215BS

Tot Ion:178 Resp: 1066212
Ion Ratio Lower Upper
178 100
176 21.0 16.8 25.2
179 17.6 13.2 19.8

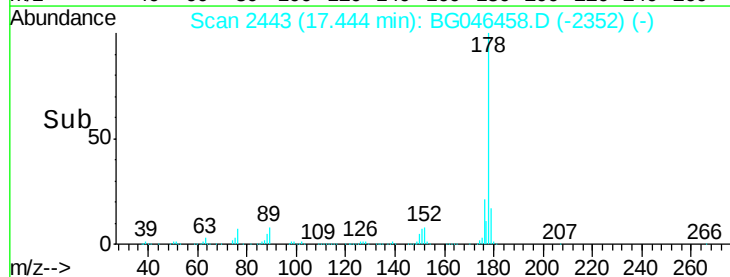
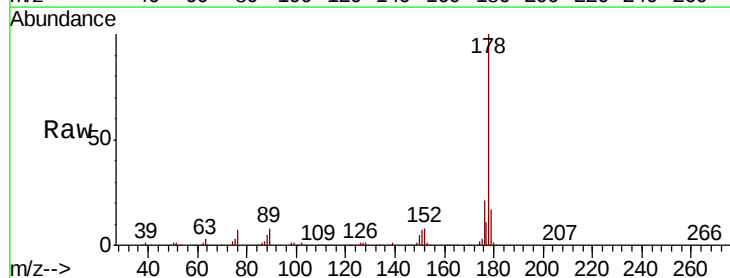
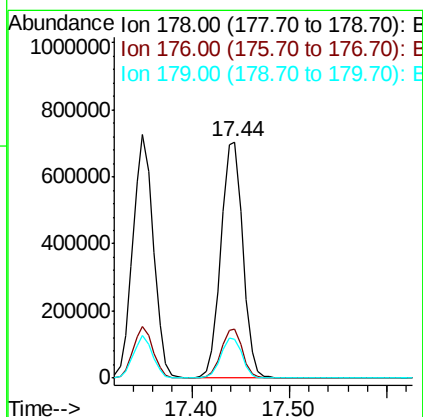
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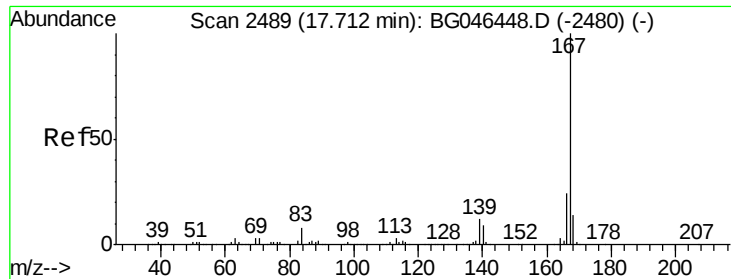
mohammad
8/27/2020 3:14:20 PM



#72
Anthracene
Concen: 43.484 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion:178 Resp: 1094113
Ion Ratio Lower Upper
178 100
176 20.8 16.1 24.1
179 16.6 13.3 19.9





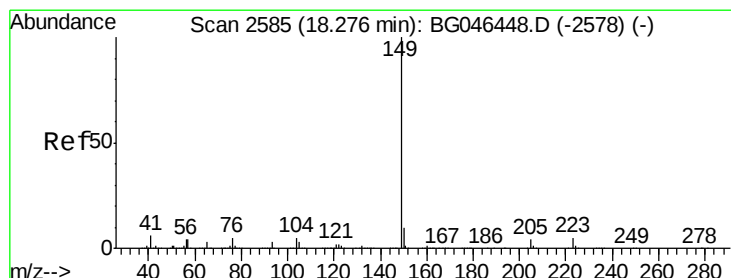
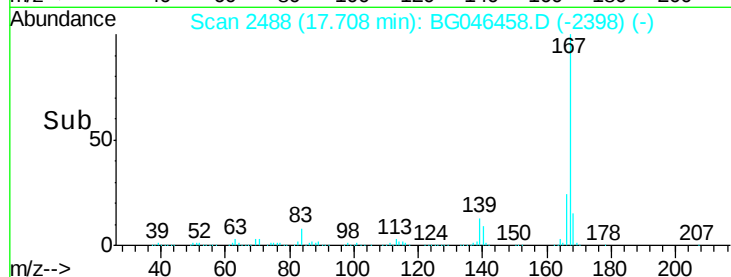
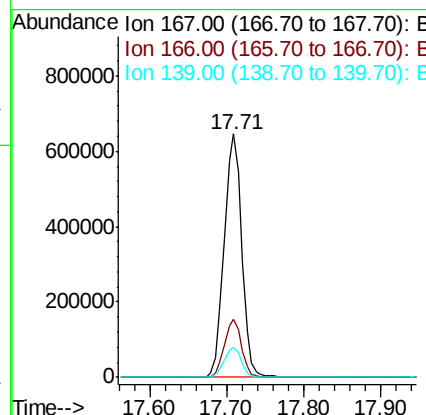
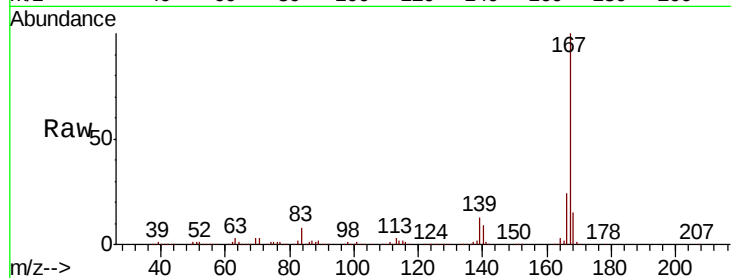
#73
 Carbazole
 Concen: 42.989 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131215BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.3	28.9
139	12.5	9.7	14.5

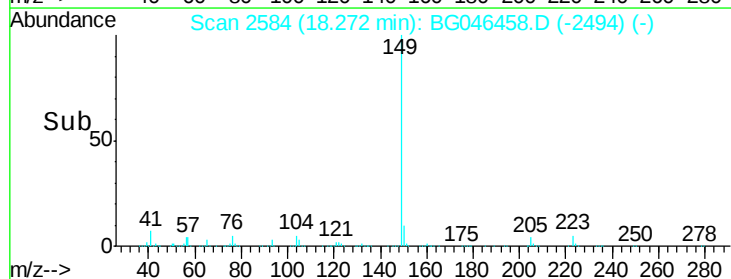
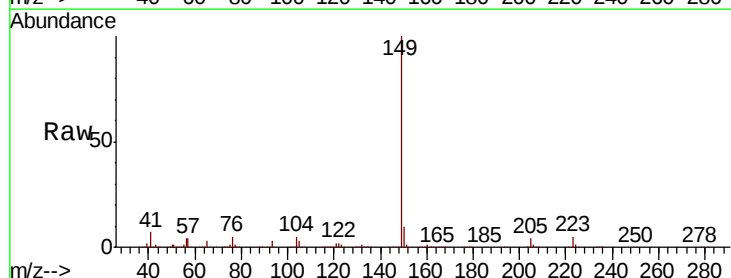
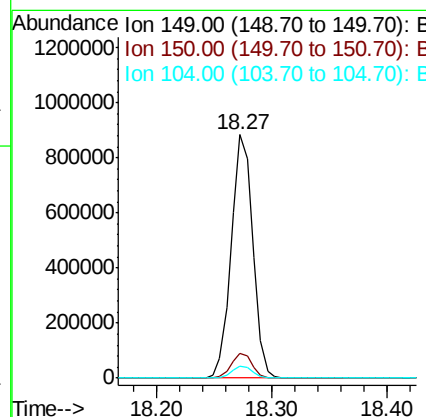
Manual Integrations
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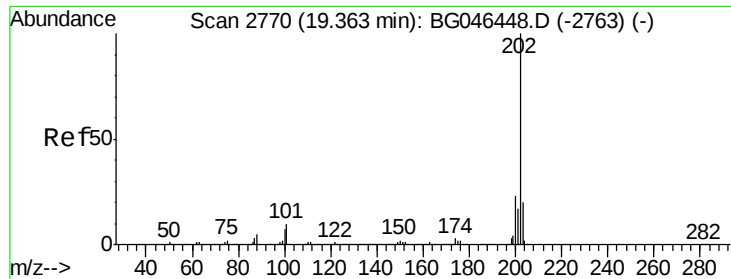
mohammad
 8/27/2020 3:14:20 PM



#74
 Di-n-butylphthalate
 Concen: 41.738 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.1	12.1
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 42.448 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA_G

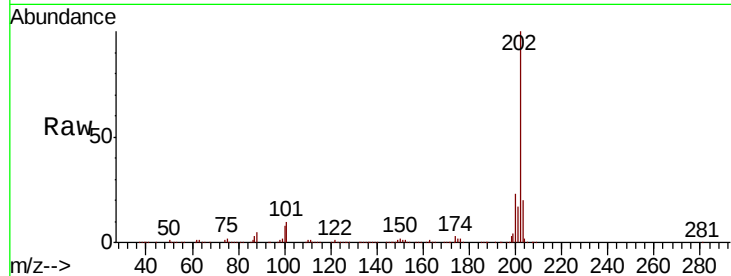
ClientSampleId :

PB131215BS

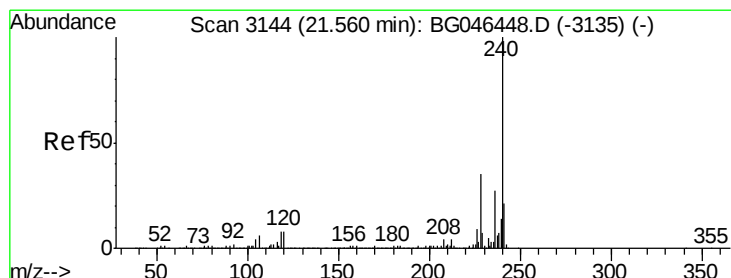
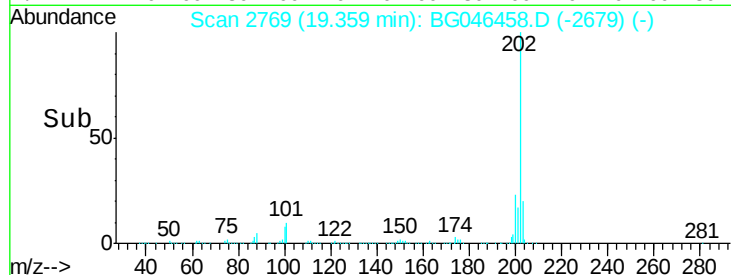
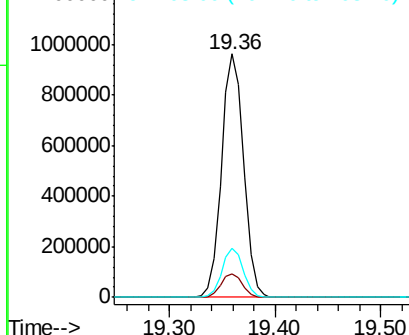
Tot Ion:	202	Resp:	1393059
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.9
203	20.1	0.0	40.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

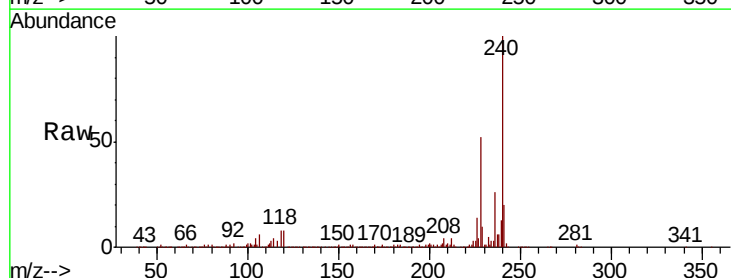
RT: 21.56 min Scan# 3143

Delta R.T. -0.00 min

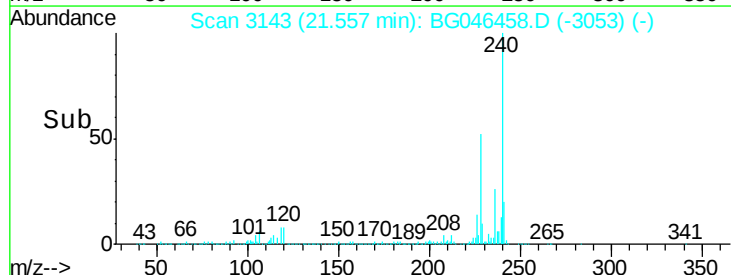
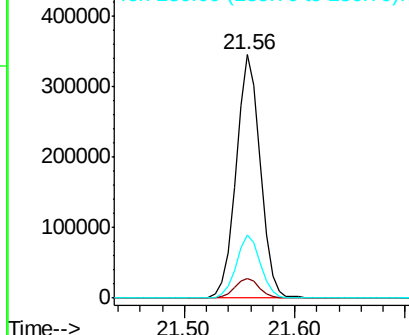
Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Tgt Ion:	240	Resp:	530409
Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.6	10.0
236	25.8	21.4	32.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 60.485 ng

RT: 19.54 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131215BS

Tot Ion:184 Resp: 745488

Ion Ratio Lower Upper

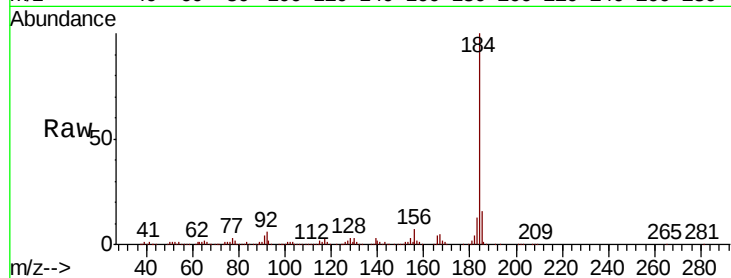
184 100

185 15.6 11.8 17.8

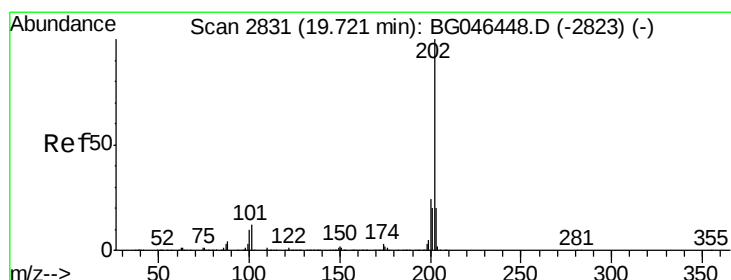
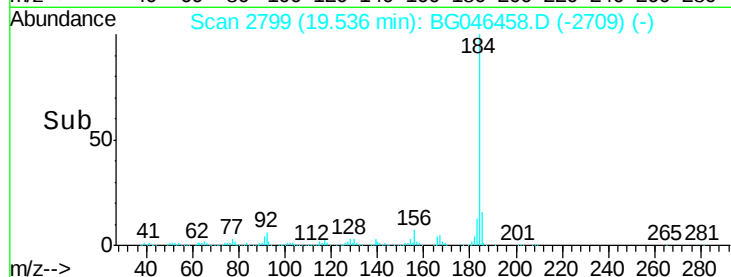
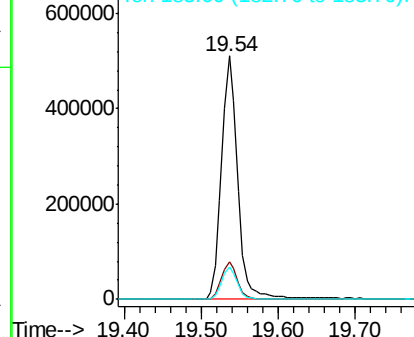
183 13.3 10.7 16.1

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



#78

Pyrene

Concen: 41.378 ng

RT: 19.72 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

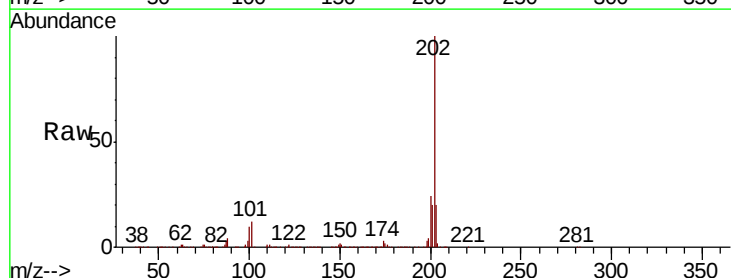
Tgt Ion:202 Resp: 1397574

Ion Ratio Lower Upper

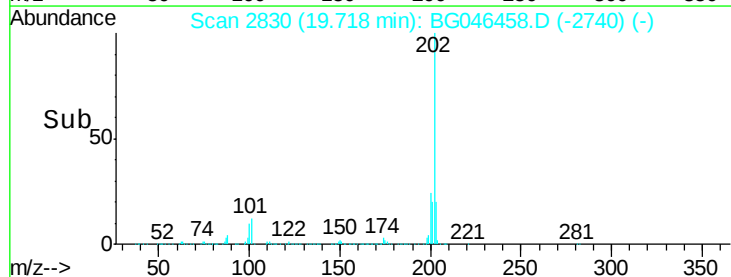
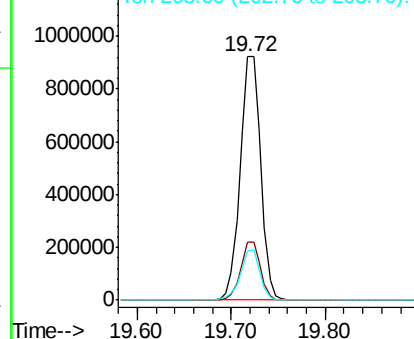
202 100

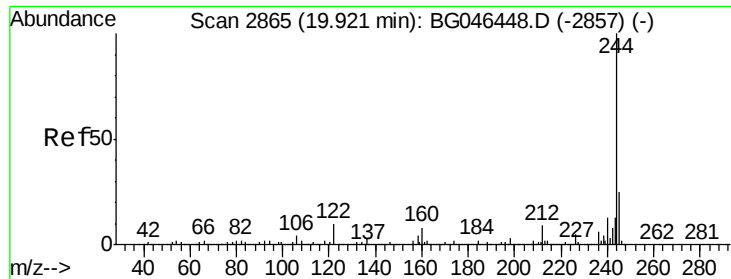
200 23.6 18.9 28.3

203 20.2 16.1 24.1



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





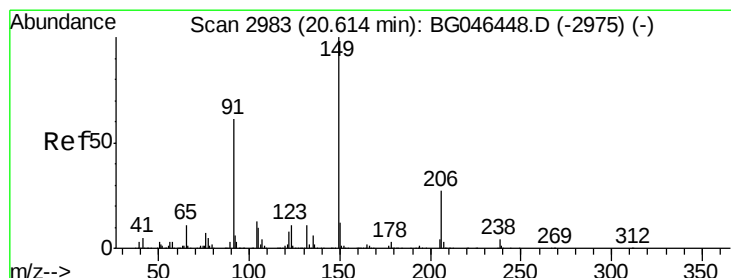
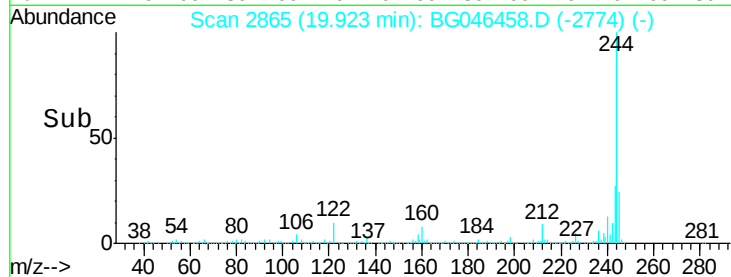
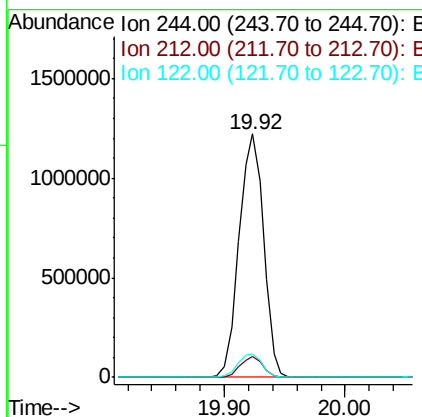
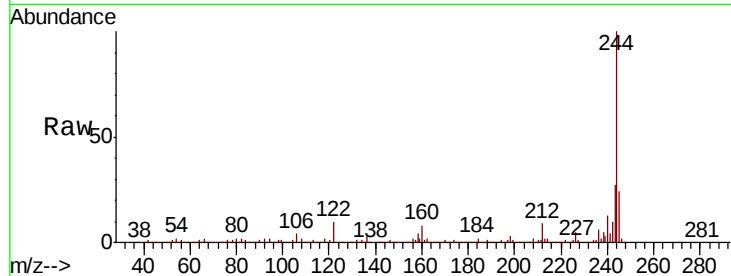
#79
 Terphenyl-d14
 Concen: 69.580 ng
 RT: 19.92 min Scan# 2865
 Delta R.T. 0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131215BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	9.8	8.2	12.4

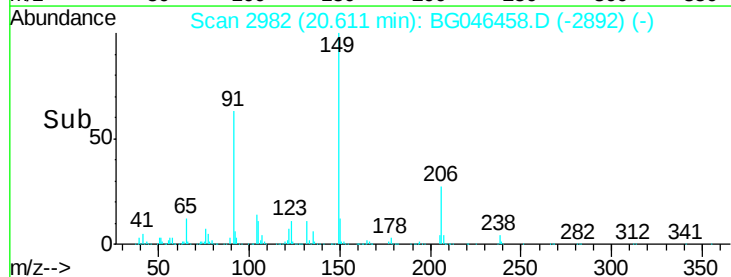
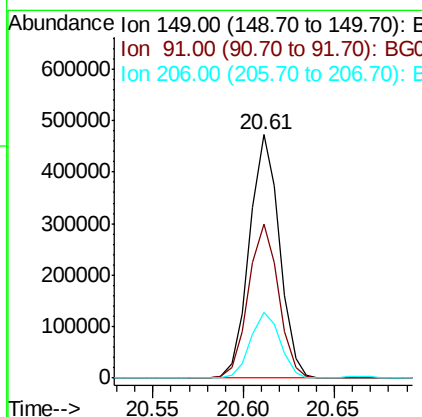
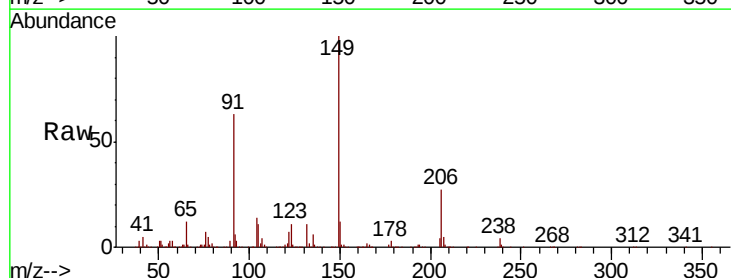
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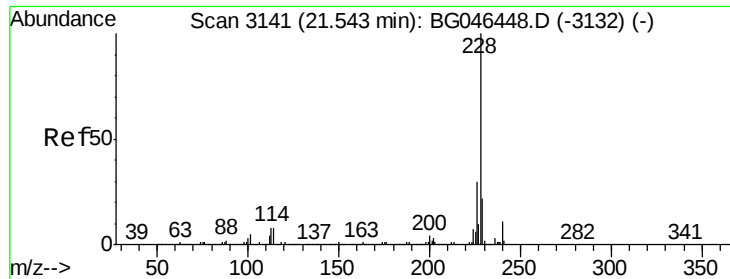
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#80
 Butylbenzylphthalate
 Concen: 41.202 ng
 RT: 20.61 min Scan# 2982
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.1	49.1	73.7
206	26.9	21.9	32.9





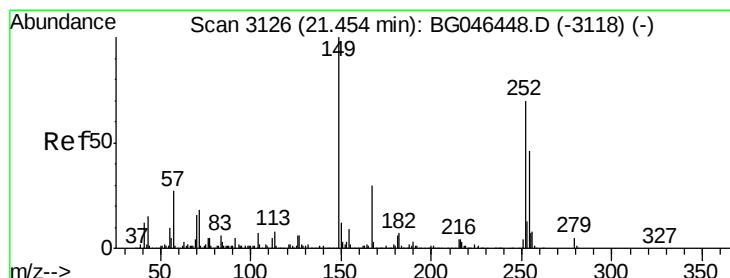
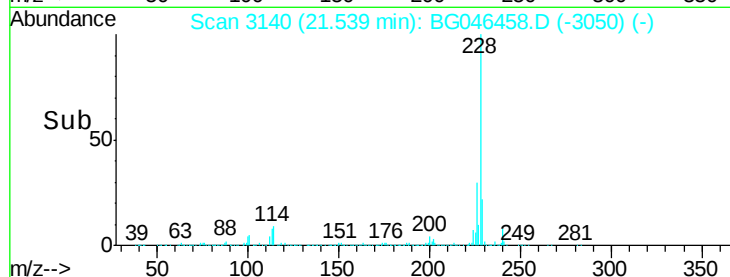
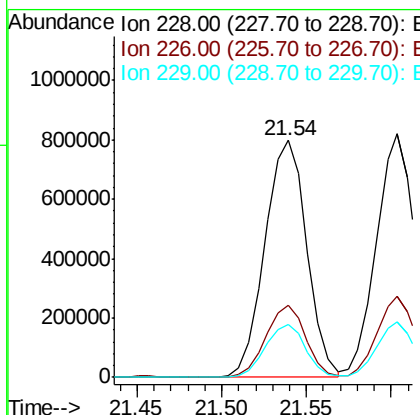
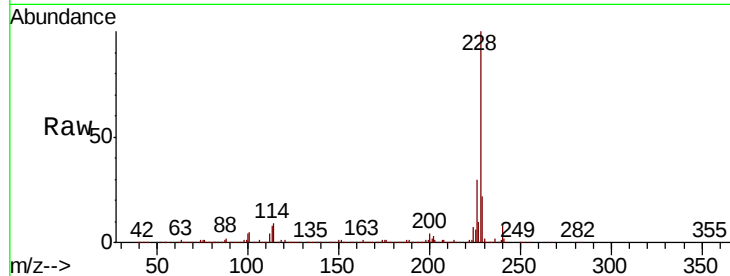
#81
Benzo(a)anthracene
Concen: 41.390 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampled :
PB131215BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	22.1	17.4	26.2

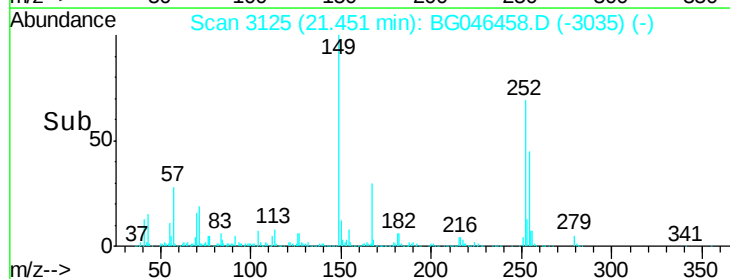
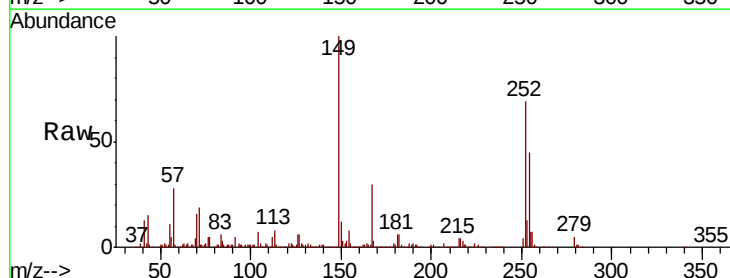
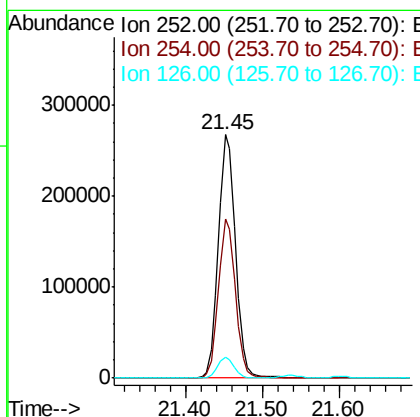
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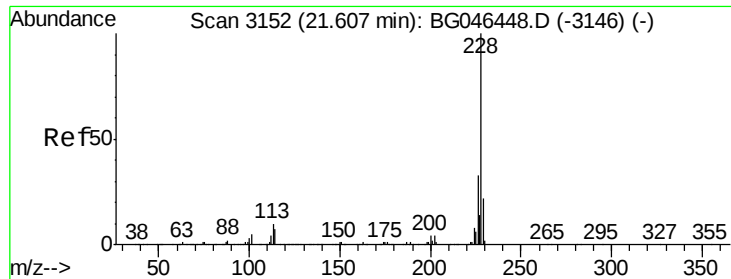
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#82
3,3'-Dichlorobenzidine
Concen: 33.591 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.9	77.9
126	8.7	7.4	11.0





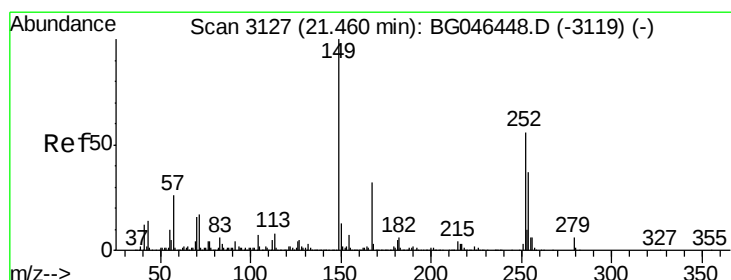
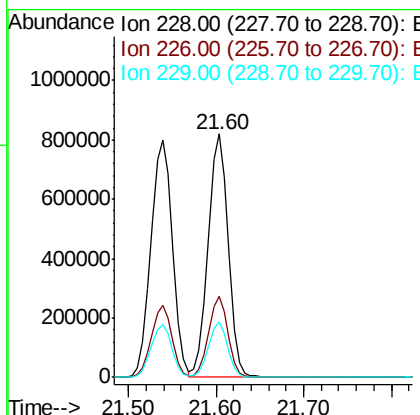
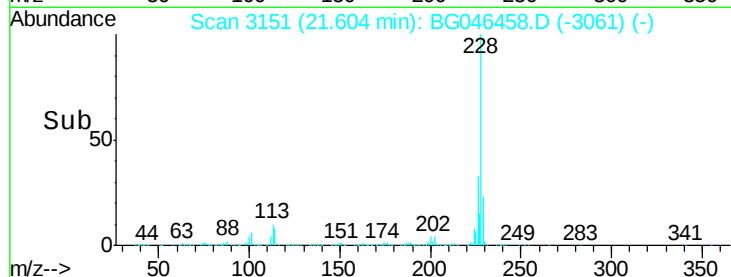
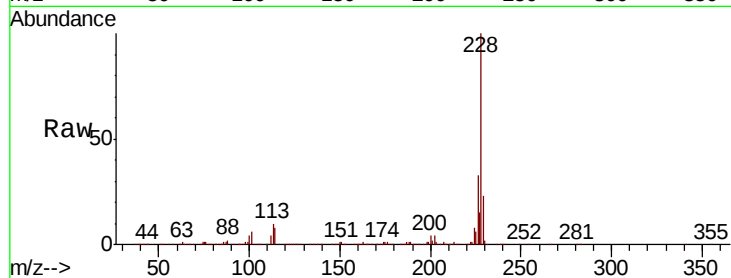
#83
 Chrysene
 Concen: 41.264 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampled :
 PB131215BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	26.2	39.4
229	22.8	17.9	26.9

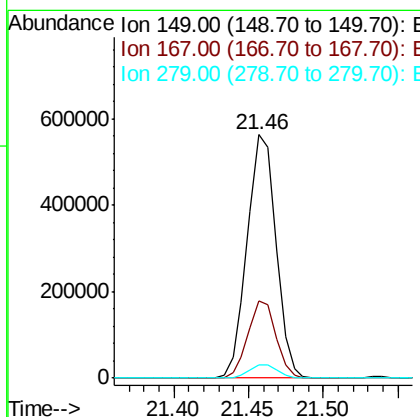
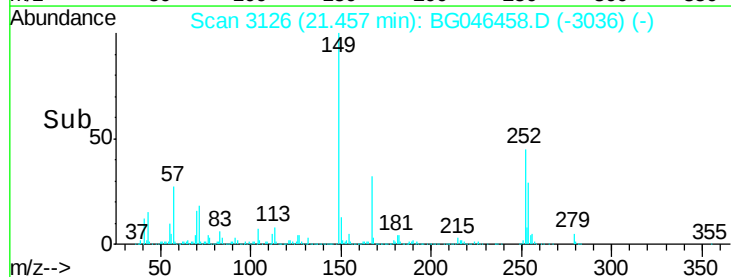
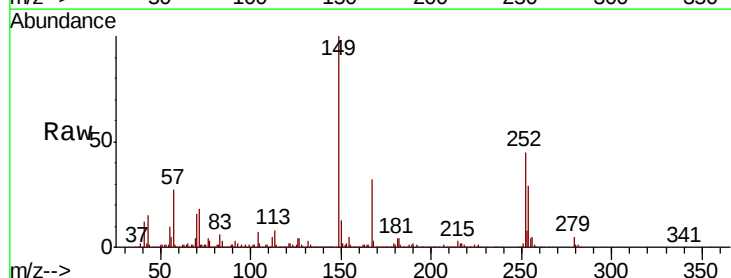
Manual Integrations
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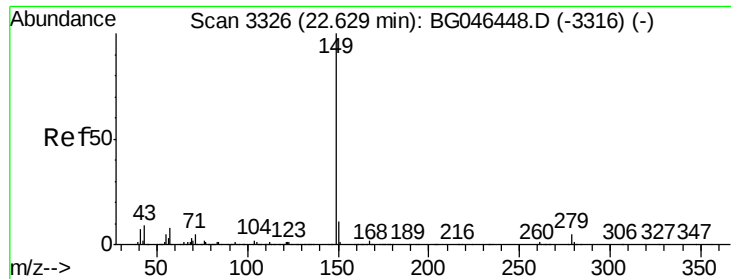
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.838 ng
 RT: 21.46 min Scan# 3126
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.5	25.4	38.2
279	5.3	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 42.832 ng

RT: 22.63 min Scan# 3326

Delta R.T. 0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131215BS

Tot Ion:149 Resp: 1318589

Ion Ratio Lower Upper

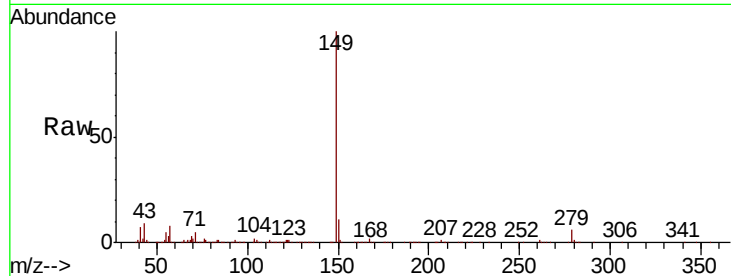
149 100

167 1.8 1.5 2.3

43 8.7 7.0 10.4

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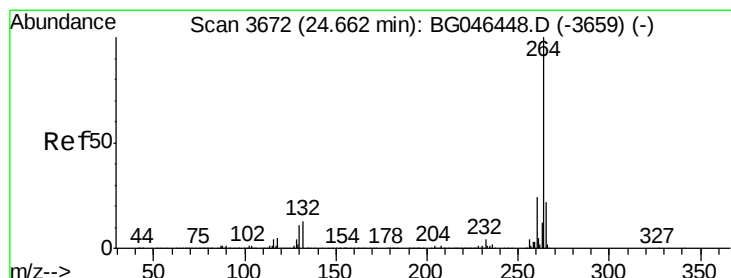
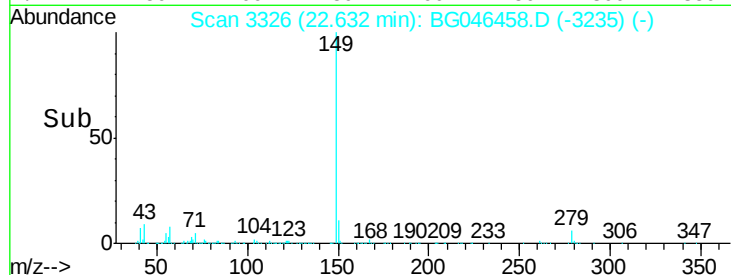
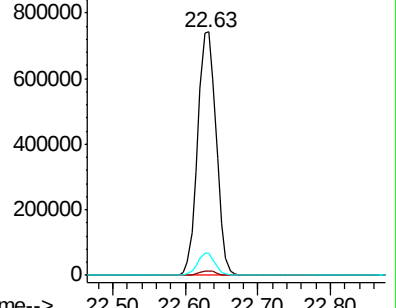
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

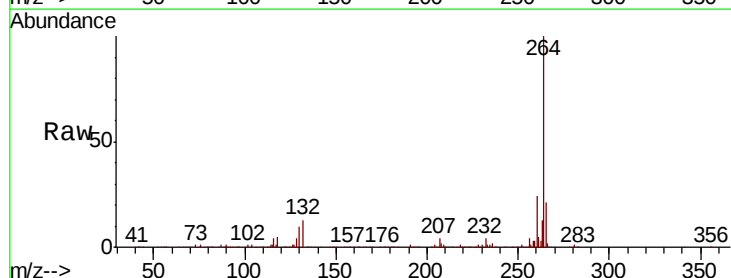
Tgt Ion:264 Resp: 567046

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

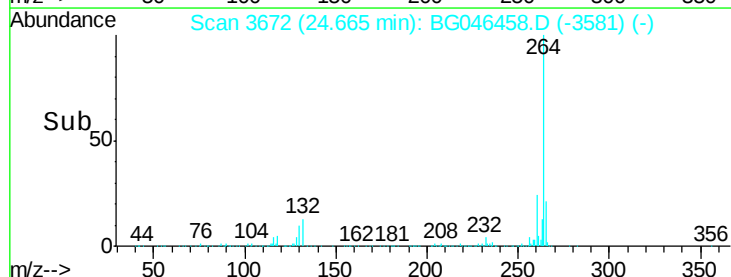
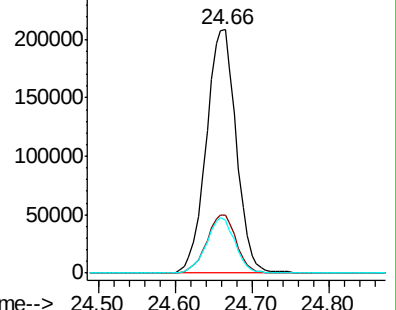
265 21.5 17.9 26.9

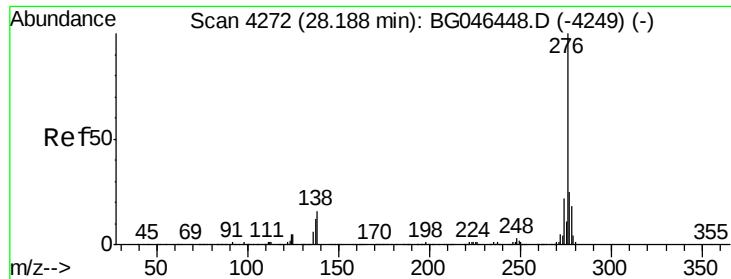


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





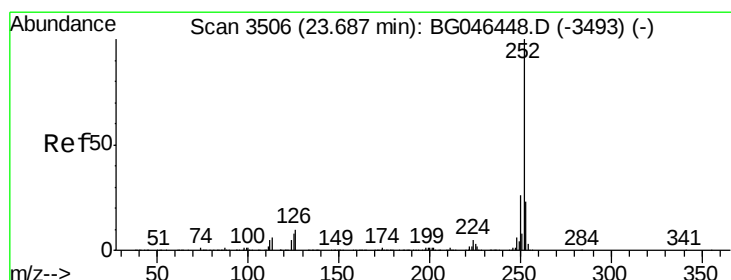
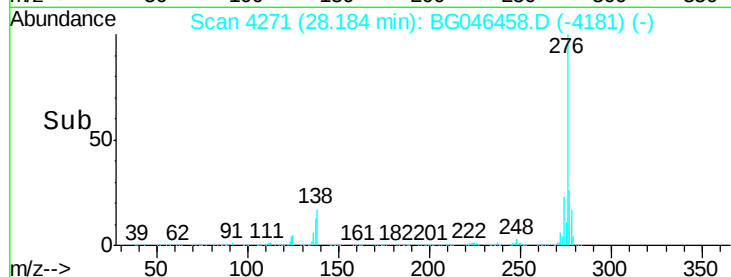
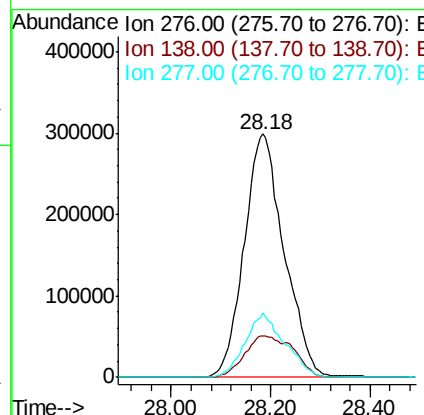
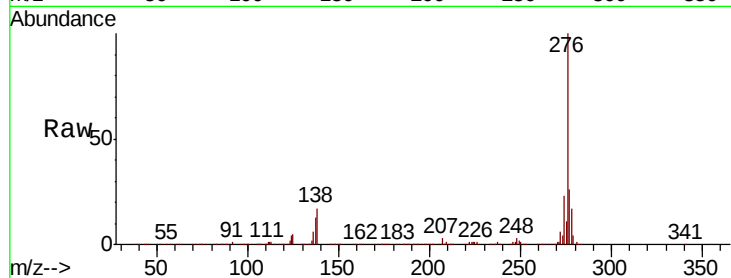
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.888 ng
 RT: 28.18 min Scan# 4271
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131215BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.5	24.7
277	26.2	20.7	31.1

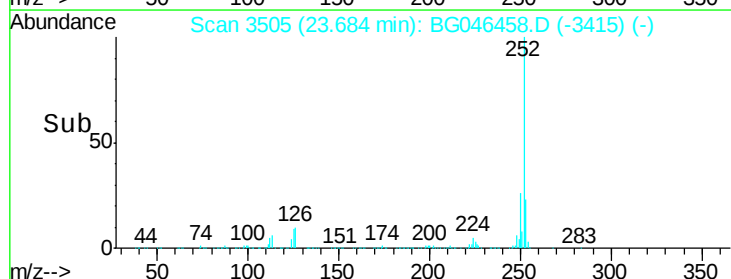
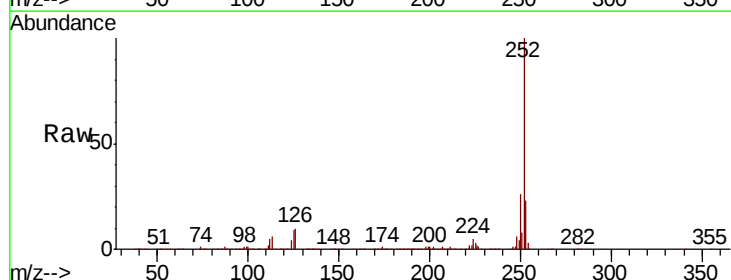
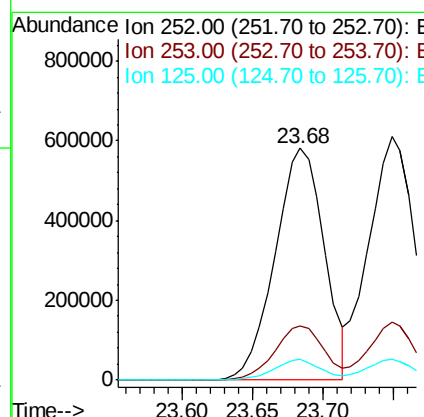
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#88
 Benzo(b)fluoranthene
 Concen: 39.854 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. -0.00 min
 Lab File: BG046458.D
 Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	9.0	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 40.605 ng

RT: 23.75 min Scan# 3516

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131215BS

Tot Ion:252 Resp: 1389476

Ion Ratio Lower Upper

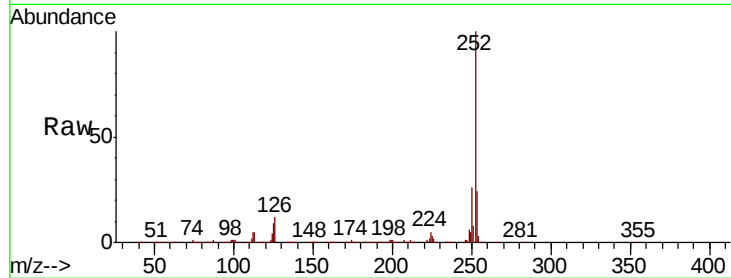
252 100

253 24.1 18.5 27.7

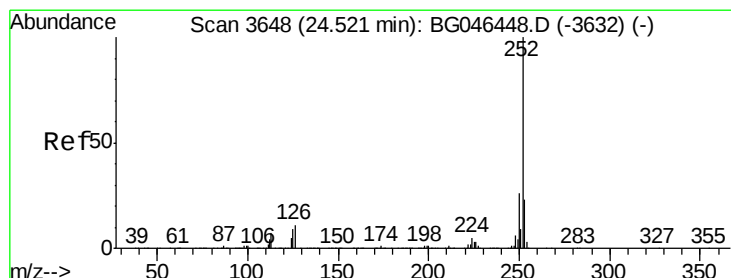
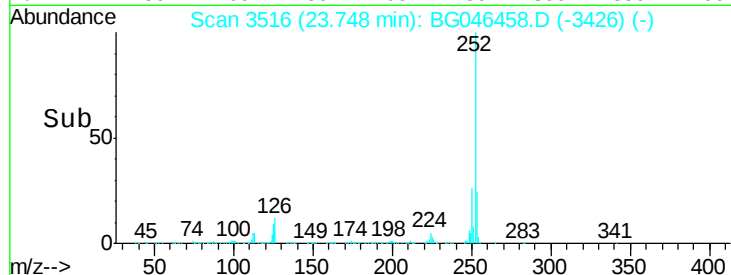
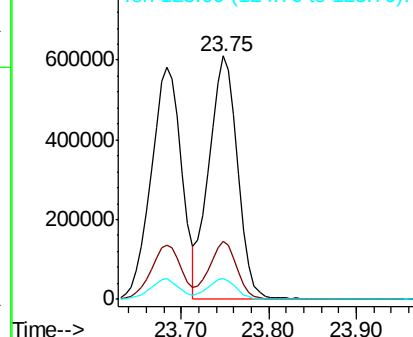
125 8.8 6.8 10.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.932 ng

RT: 24.52 min Scan# 3647

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

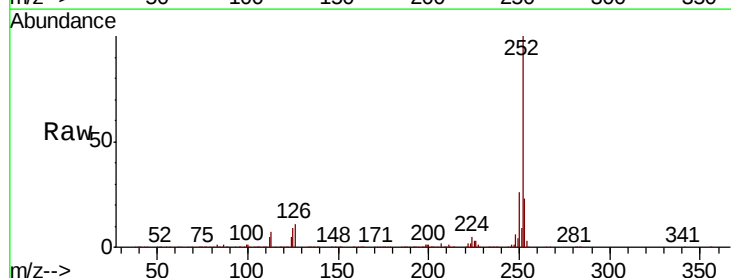
Tgt Ion:252 Resp: 1319442

Ion Ratio Lower Upper

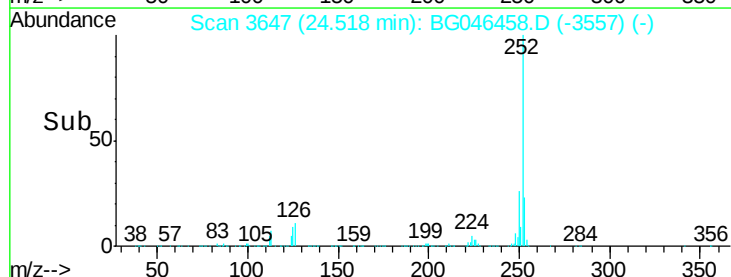
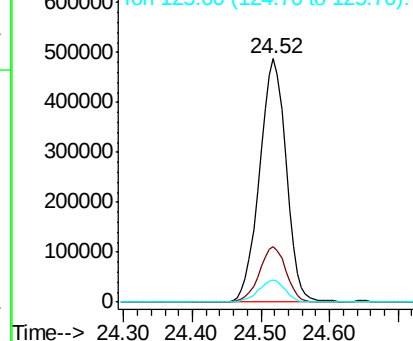
252 100

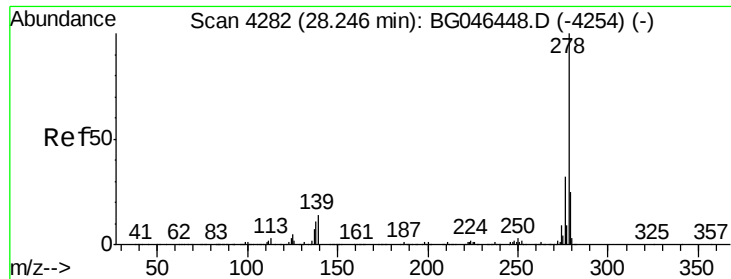
253 23.0 18.2 27.4

125 9.2 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





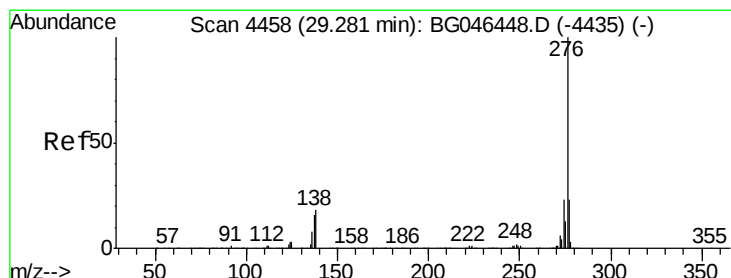
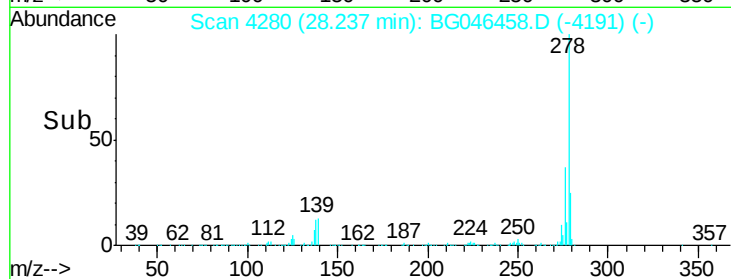
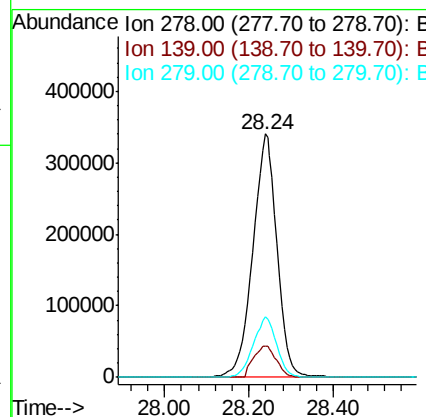
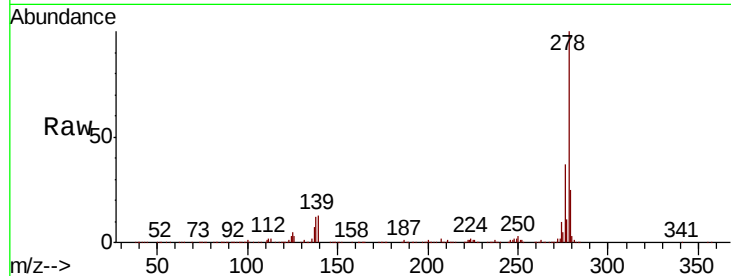
#91
Dibenzo(a,h)anthracene
Concen: 41.560 ng
RT: 28.24 min Scan# 4280
Delta R.T. -0.01 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131215BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.0	11.2	16.8
279	24.9	19.8	29.8

Manual Integrations
APPROVED

mohammad
8/27/2020 3:14:20 PM



#92
Benzo(g,h,i)perylene
Concen: 42.616 ng
RT: 29.28 min Scan# 4458
Delta R.T. 0.00 min
Lab File: BG046458.D
Acq: 26 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.7	28.1
138	18.6	14.7	22.1

