

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046517.D
 Acq On : 3 Sep 2020 15:26
 Operator : CG/JU
 Sample : PB131395BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131395BS

Manual Integrations
 APPROVED

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 9/4/2020 1:54:43 PM

Quant Time: Sep 03 17:16:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73902	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	296595	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	199121	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	473289	20.00	ng	0.00
76) Chrysene-d12	21.55	240	500914	20.00	ng	0.00
86) Perylene-d12	24.66	264	499433	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	471785	113.07	ng	0.00
7) Phenol-d6	7.11	99	611988	103.47	ng	0.00
23) Nitrobenzene-d5	9.09	82	484621	93.39	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	247958	91.91	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1202019	92.15	ng	0.00
79) Terphenyl-d14	19.92	244	1651413	70.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	63146	36.377	ng	97
3) Pyridine	3.81	79	141456	27.852	ng	98
4) n-Nitrosodimethylamine	3.72	42	76206	40.682	ng	99
6) Aniline	7.25	93	214819	32.275	ng	99
8) 2-Chlorophenol	7.50	128	180441	40.917	ng	100
9) Benzaldehyde	7.07	77	109591	33.070	ng	97
10) Phenol	7.13	94	227858	41.825	ng	97
11) bis(2-Chloroethyl)ether	7.35	93	170287	38.887	ng	98
12) 1,3-Dichlorobenzene	7.82	146	210445	37.587	ng	96
13) 1,4-Dichlorobenzene	7.96	146	210095	37.482	ng	99
14) 1,2-Dichlorobenzene	8.28	146	196559	36.572	ng	99
15) Benzyl Alcohol	8.16	79	154410	40.661	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	257723	37.942	ng	99
17) 2-Methylphenol	8.38	107	160532	41.550	ng	99
18) Hexachloroethane	9.01	117	71871	37.816	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	133565	37.751	ng	97
20) 3+4-Methylphenols	8.70	107	217336	40.754	ng	100
22) Acetophenone	8.75	105	263755	36.533	ng	# 98
24) Nitrobenzene	9.13	77	194034	37.848	ng	97
25) Isophorone	9.65	82	362987	38.153	ng	99
26) 2-Nitrophenol	9.84	139	105448	38.984	ng	95
27) 2,4-Dimethylphenol	9.90	122	170347	45.789	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	224151	36.604	ng	99
29) 2,4-Dichlorophenol	10.38	162	196217	39.564	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	214026	36.372	ng	99
31) Naphthalene	10.78	128	544717	37.614	ng	100
32) Benzoic acid	10.05	122	66674	28.923	ng	99
33) 4-Chloroaniline	10.88	127	160343	25.109	ng	97
34) Hexachlorobutadiene	11.07	225	135000	35.341	ng	99
35) Caprolactam	11.65	113	62438m	33.680	ng	
36) 4-Chloro-3-methylphenol	12.01	107	185395	38.221	ng	97
37) 2-Methylnaphthalene	12.38	142	428881	37.551	ng	100
38) 1-Methylnaphthalene	12.61	142	401209	37.085	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	251329	38.276	ng	99

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Manual Integrations
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Quant Time: Sep 03 17:16:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	284737	99.727	nq	96
43) 2,4,6-Trichlorophenol	12.99	196	169157	38.175	nq	97
44) 2,4,5-Trichlorophenol	13.07	196	178835	38.413	nq	98
46) 1,1'-Biphenyl	13.39	154	542302	39.145	nq	100
47) 2-Chloronaphthalene	13.43	162	422256	35.949	nq	99
48) 2-Nitroaniline	13.63	65	114371	35.066	nq	99
49) Acenaphthylene	14.28	152	682249	38.290	nq	100
50) Dimethylphthalate	14.02	163	545340	35.400	nq	100
51) 2,6-Dinitrotoluene	14.13	165	125137	36.851	nq	99
52) Acenaphthene	14.63	154	399471	36.180	nq	99
53) 3-Nitroaniline	14.46	138	91977	25.005	nq	97
54) 2,4-Dinitrophenol	14.67	184	152251	76.811	nq	96
55) Dibenzofuran	14.96	168	648899	36.621	nq	99
56) 4-Nitrophenol	14.79	139	201029	74.260	nq	100
57) 2,4-Dinitrotoluene	14.92	165	176444	36.440	nq	98
58) Fluorene	15.61	166	535424	36.002	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	165526	36.613	nq	97
60) Diethylphthalate	15.38	149	530969	35.351	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	291994	35.650	nq	99
62) 4-Nitroaniline	15.63	138	125903	32.439	nq	97
63) Azobenzene	15.90	77	446797	36.570	nq	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	113321	42.302	nq	98
66) n-Nitrosodiphenylamine	15.81	169	481929	37.744	nq	99
67) 4-Bromophenyl-phenylether	16.50	248	200639	36.336	nq	98
68) Hexachlorobenzene	16.62	284	212237	34.706	nq	97
69) Atrazine	16.77	200	176654	33.914	nq	99
70) Pentachlorophenol	16.96	266	253124	79.223	nq	99
71) Phenanthrene	17.35	178	872708	36.379	nq	99
72) Anthracene	17.44	178	896272	37.867	nq	99
73) Carbazole	17.71	167	821960	36.781	nq	99
74) Di-n-butylphthalate	18.27	149	944253	36.746	nq	100
75) Fluoranthene	19.36	202	1140270	36.935	nq	98
77) Benzidine	19.53	184	535459	46.003	nq	99
78) Pyrene	19.72	202	1143571	35.851	nq	99
80) Butylbenzylphthalate	20.61	149	453266	36.431	nq	97
81) Benzo(a)anthracene	21.54	228	1141142	36.549	nq	99
82) 3,3'-Dichlorobenzidine	21.45	252	324525	28.009	nq	99
83) Chrysene	21.60	228	1092932	36.391	nq	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	644108	37.935	nq	98
85) Di-n-octyl phthalate	22.62	149	1120559	38.543	nq	100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1388069	38.697	nq	100
88) Benzo(b)fluoranthene	23.68	252	1207049	38.706	nq	98
89) Benzo(k)fluoranthene	23.74	252	1140299	37.835	nq	99
90) Benzo(a)pyrene	24.51	252	1099190	37.769	nq	100
91) Dibenzo(a,h)anthracene	28.23	278	1150714	39.753	nq	97
92) Benzo(g,h,i)perylene	29.26	276	1173775	40.607	nq	99

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

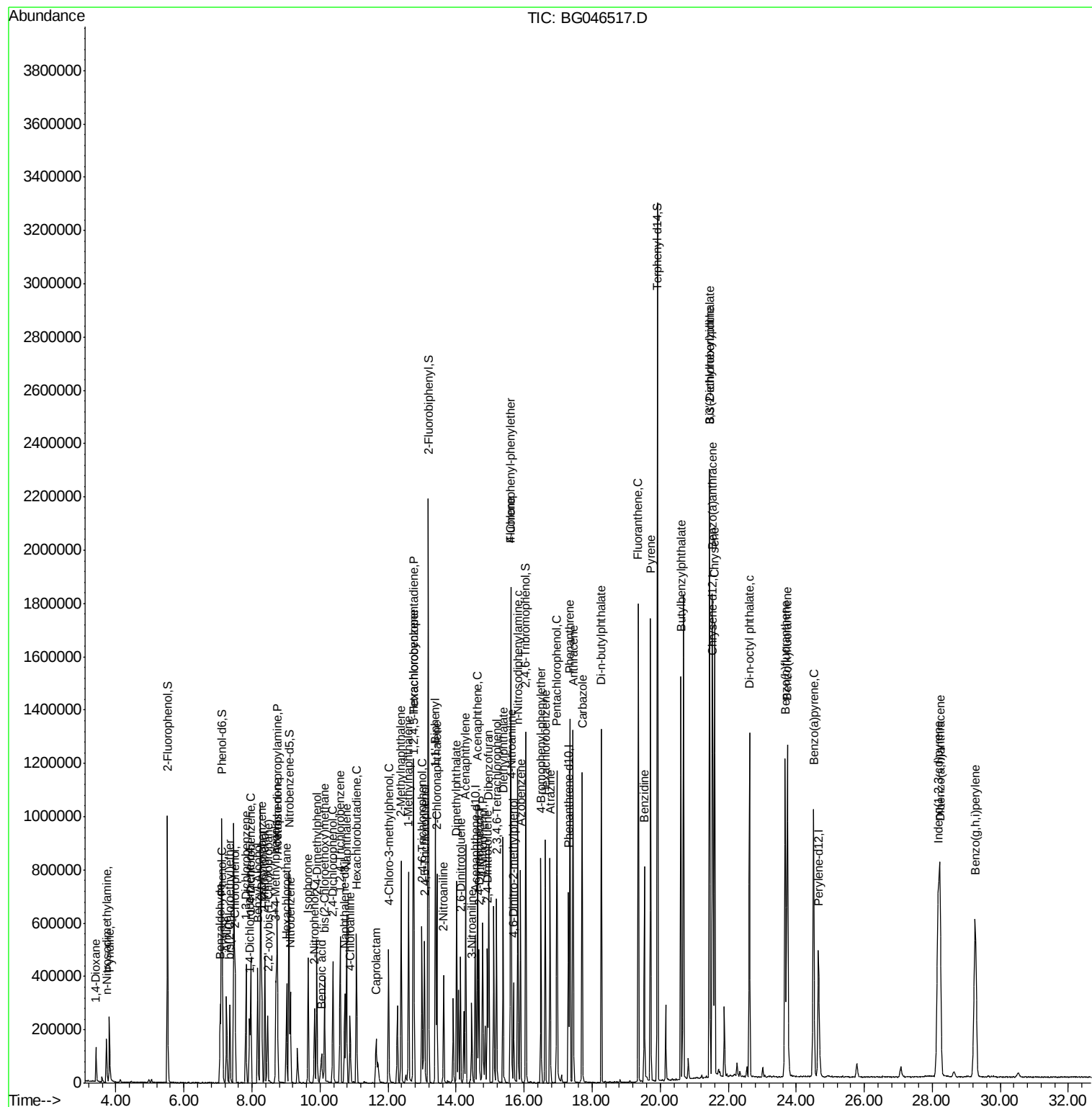
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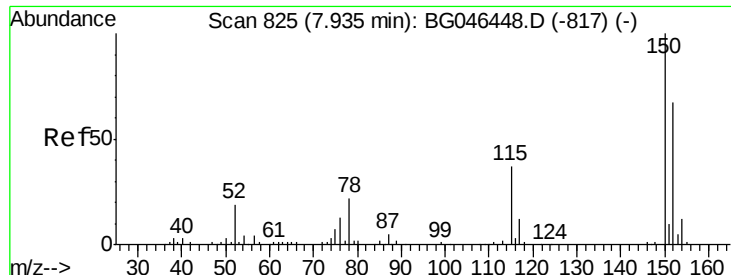
Instrument :
 BNA_G
 ClientSampleId :
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#1

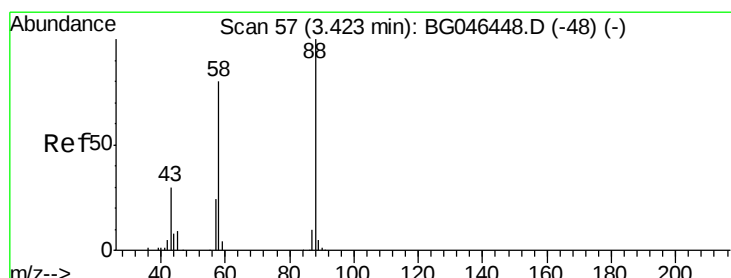
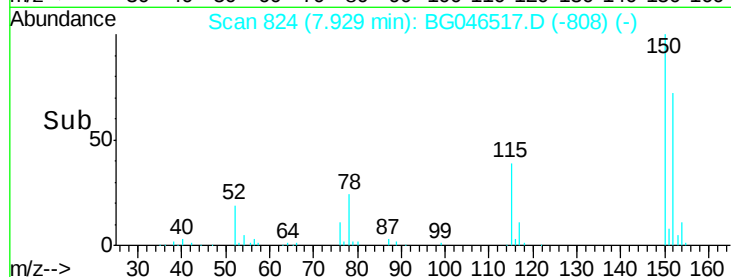
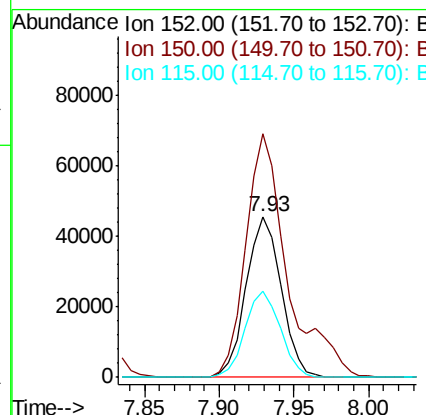
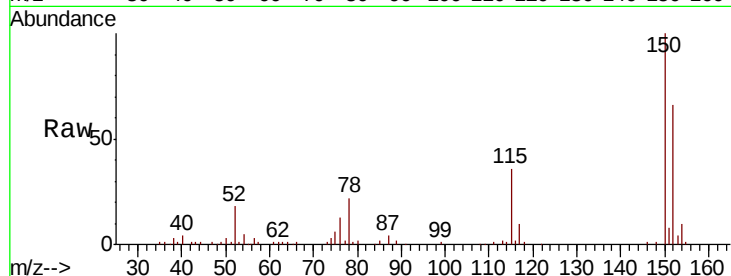
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	119.5	179.3
115	54.0	44.3	66.5

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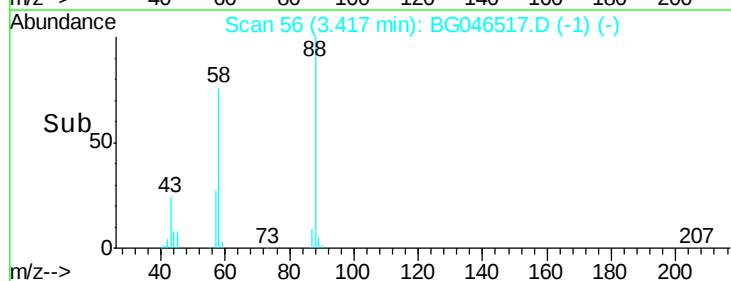
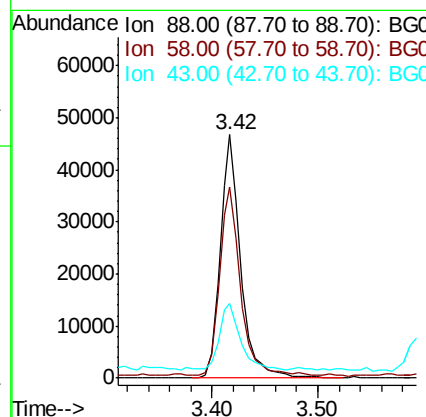
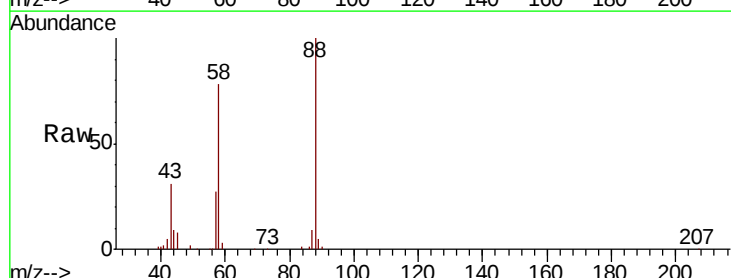
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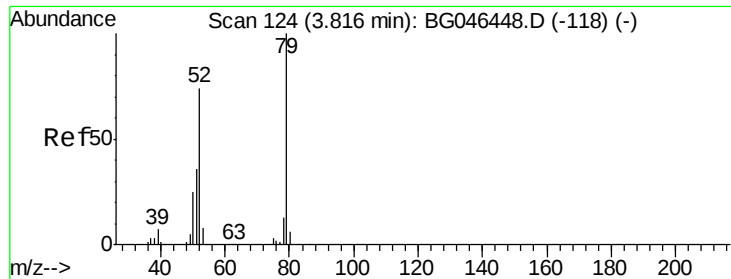


#2

1,4-Dioxane
Concen: 36.377 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.6	61.4	92.2
43	28.3	21.6	32.4





#3

Pvridine

Concen: 27.852 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

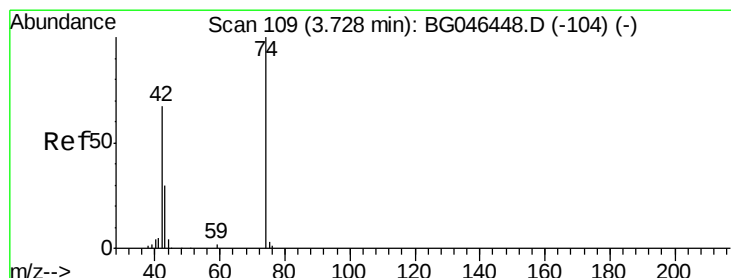
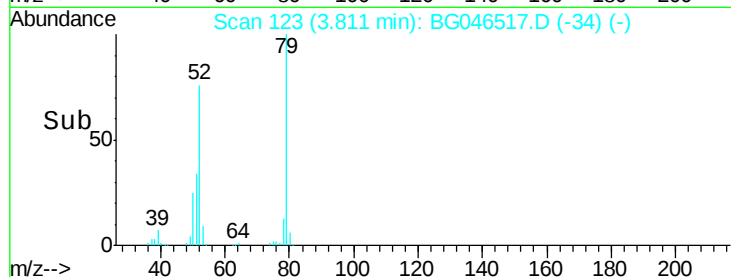
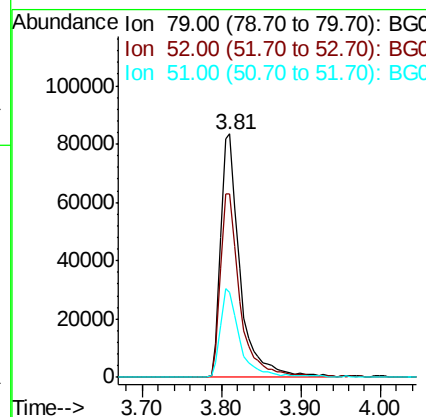
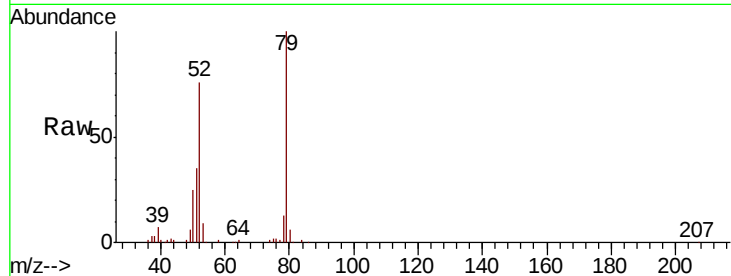
ClientSampleId :

PB131395BS

Tot Ion:	79	Resp:	141456
Ion	Ratio	Lower	Upper
79	100		
52	75.6	59.1	88.7
51	34.8	29.0	43.6

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#4

n-Nitrosodimethylamine

Concen: 40.682 ng

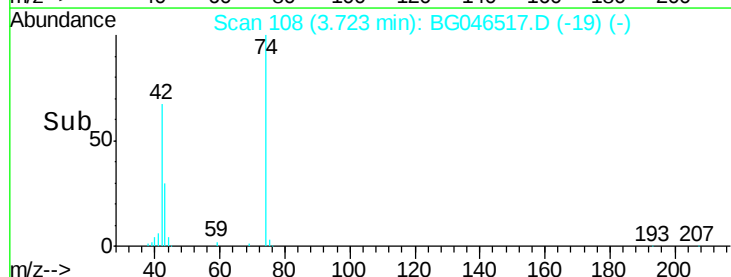
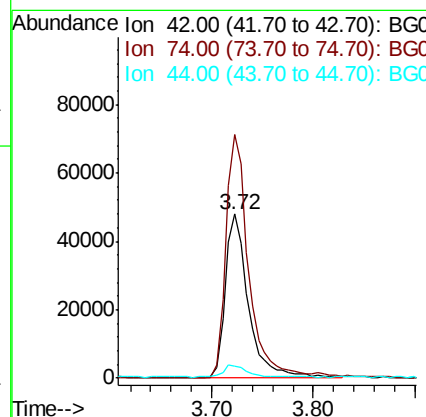
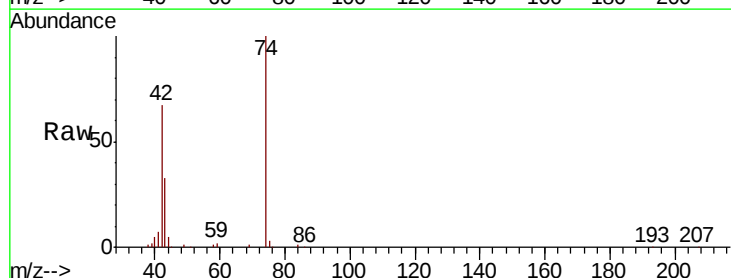
RT: 3.72 min Scan# 108

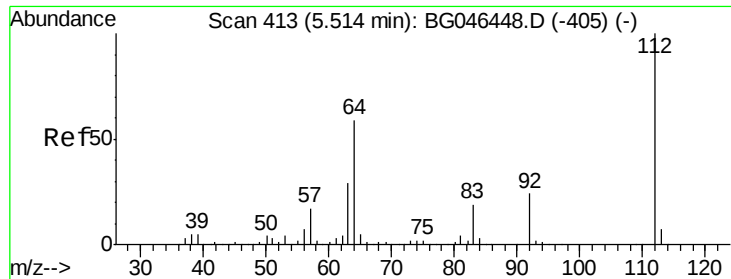
Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Tgt Ion:	42	Resp:	76206
Ion	Ratio	Lower	Upper
42	100		
74	148.3	119.5	179.3
44	7.5	5.7	8.5





#5

2-Fluorophenol

Concen: 113.071 ng

RT: 5.51 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

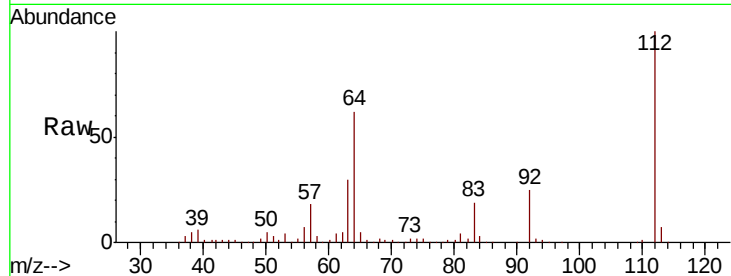
ClientSampleId :

PB131395BS

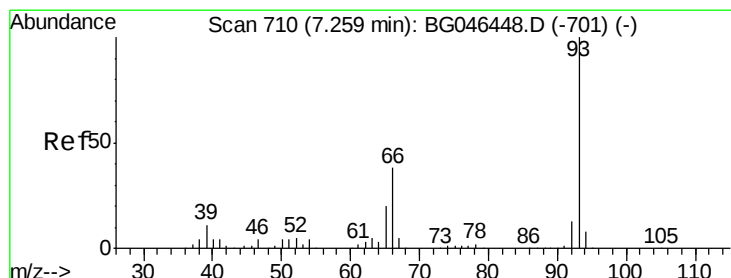
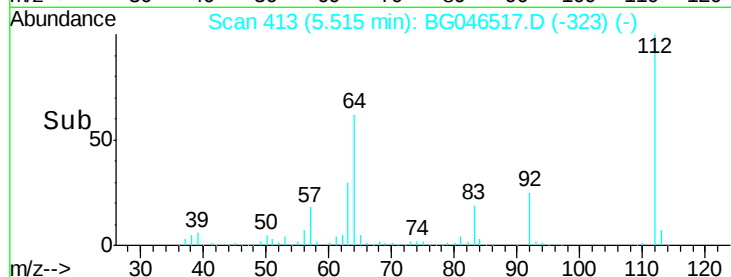
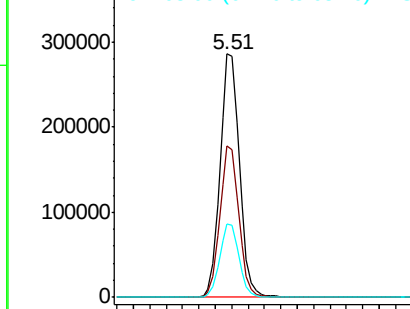
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		471785		
64	62.1		47.0	70.6	
63	30.3		23.5	35.3	

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



#6

Aniline

Concen: 32.275 ng

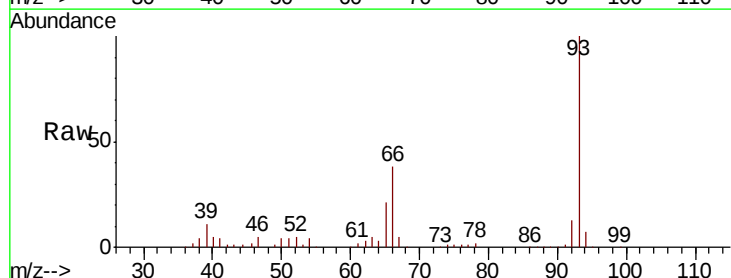
RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

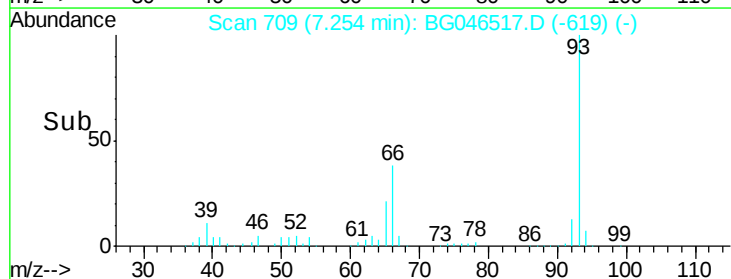
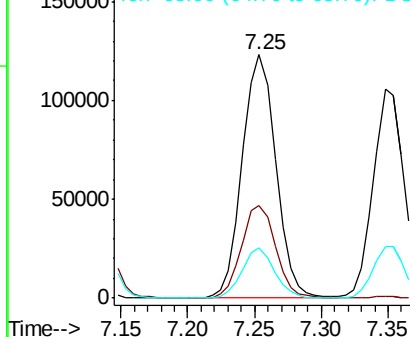
Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		214819		
66	38.2		30.4	45.6	
65	20.6		15.8	23.6	



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





#7

Phenol-d6

Concen: 103.466 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

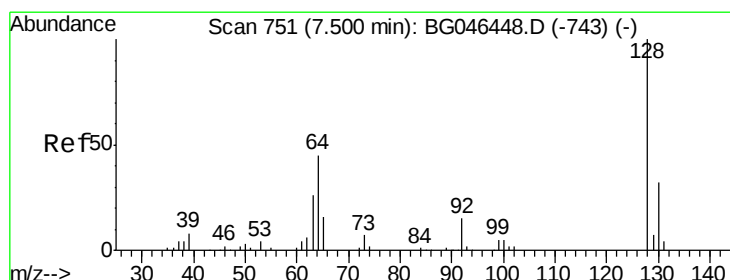
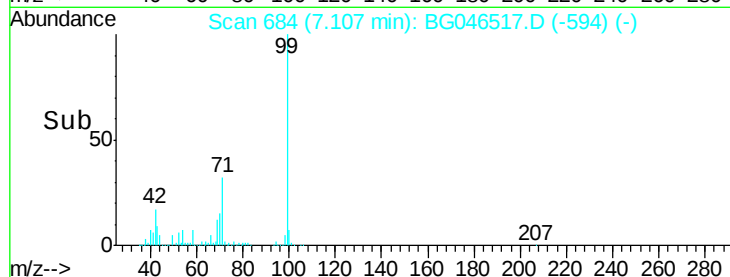
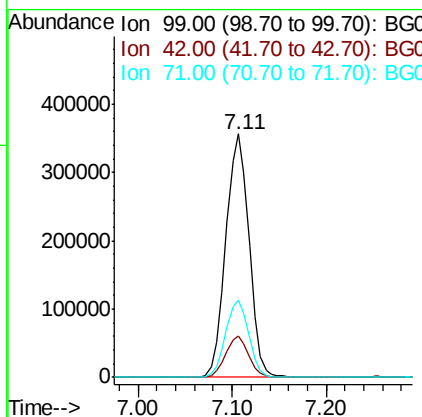
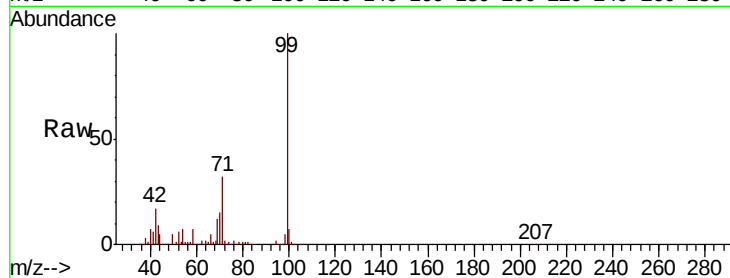
ClientSampleId :

PB131395BS

Tot Ion:	99	Resp:	611988
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.3	19.9
71	31.9	25.3	37.9

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#8

2-Chlorophenol

Concen: 40.917 ng

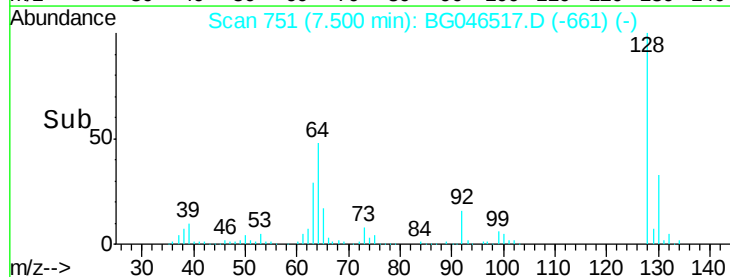
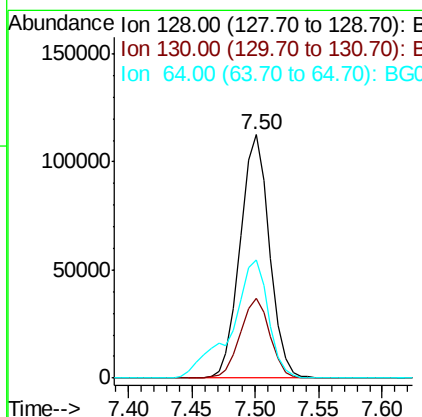
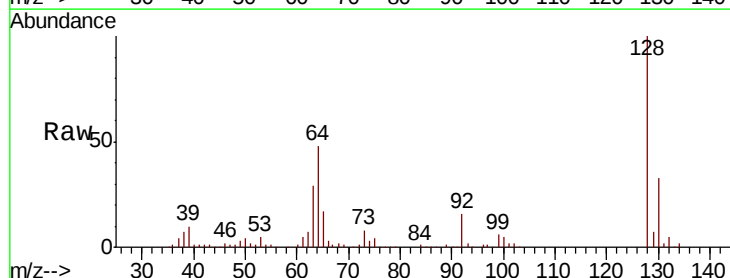
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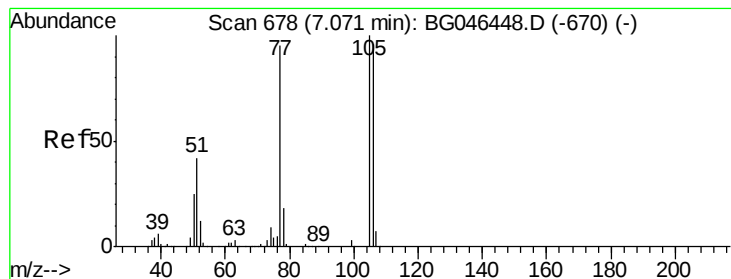
Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Tgt Ion:	128	Resp:	180441
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.4	52.4
64	48.3	28.1	68.1





#9

Benzaldehyde

Concen: 33.070 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

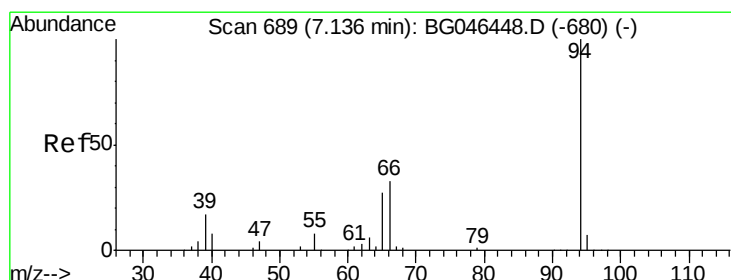
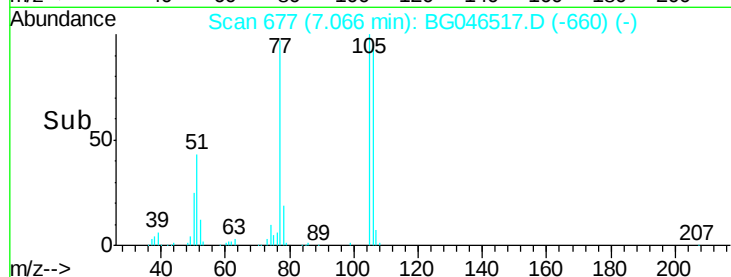
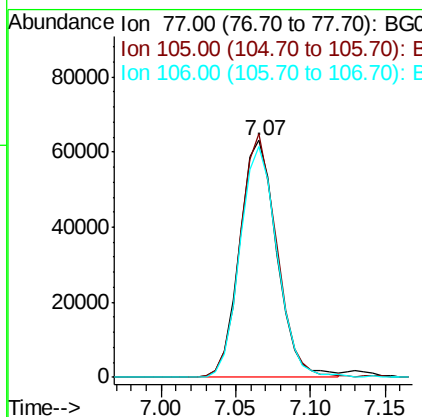
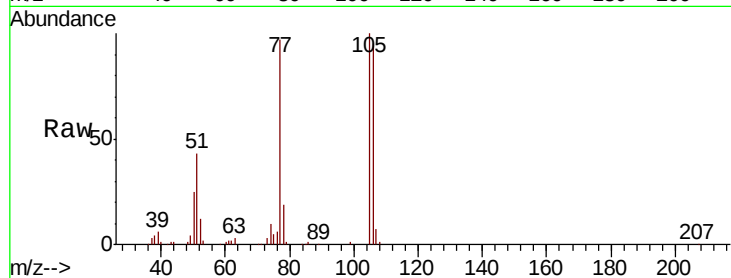
ClientSampleId :

PB131395BS

Tot Ion:	77	Resp:	109591
Ion	Ratio	Lower	Upper
77	100		
105	102.7	85.6	125.6
106	97.5	80.8	120.8

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#10

Phenol

Concen: 41.825 ng

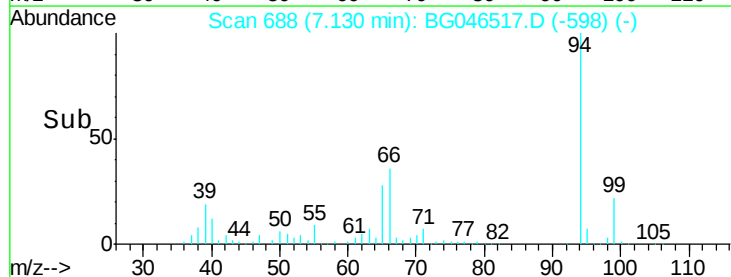
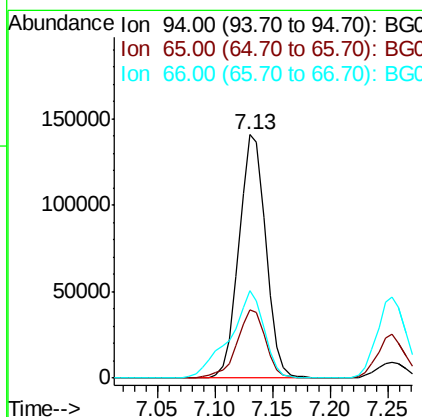
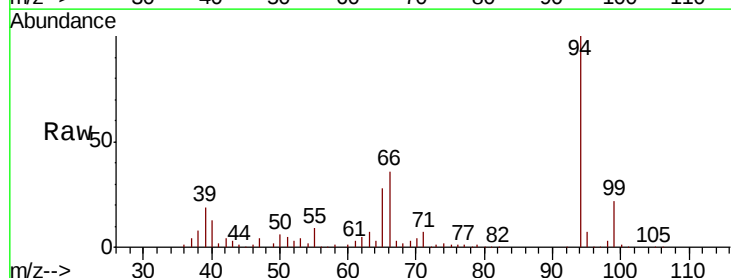
RT: 7.13 min Scan# 688

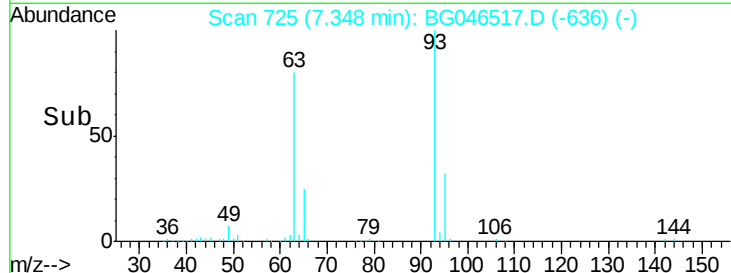
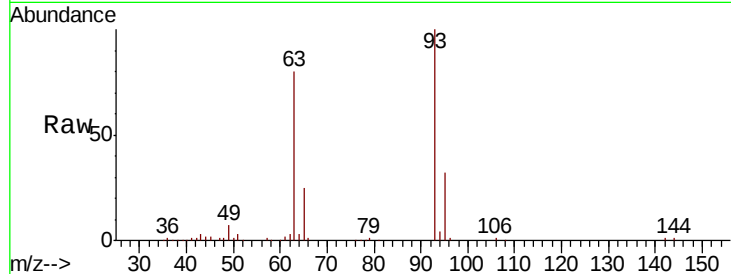
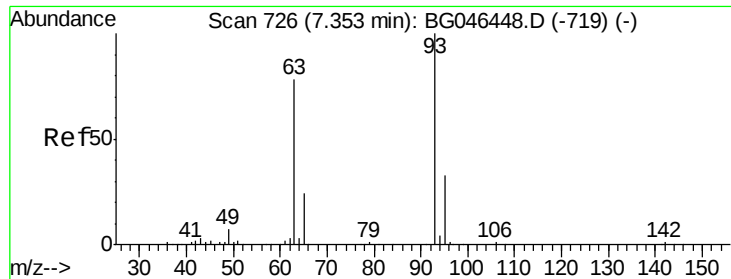
Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Tgt Ion:	94	Resp:	227858
Ion	Ratio	Lower	Upper
94	100		
65	28.3	7.5	47.5
66	36.0	14.1	54.1





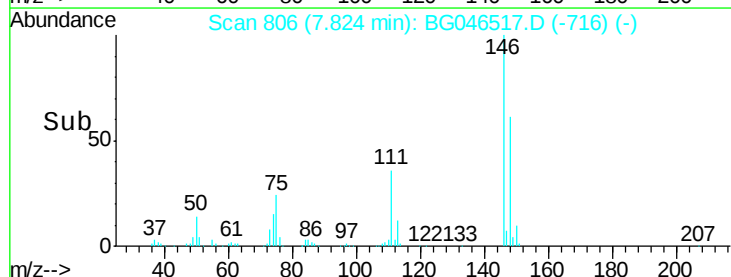
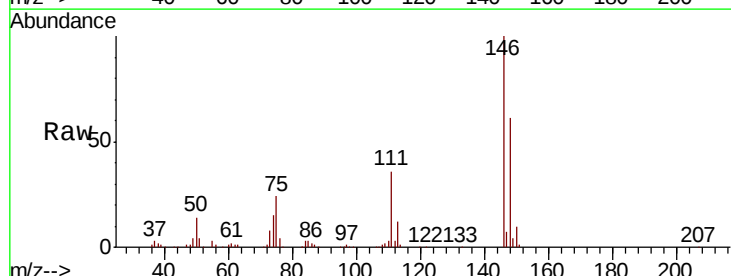
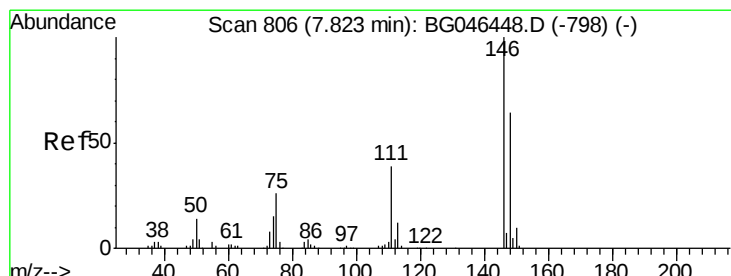
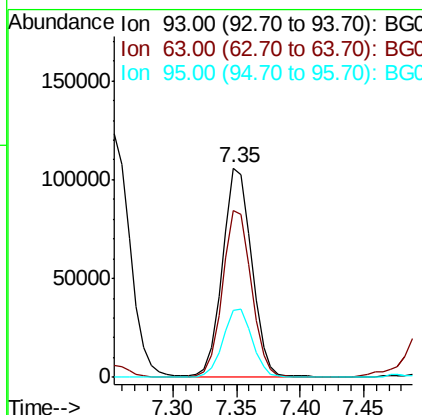
#11
bis(2-Chloroethyl)ether
Concen: 38.887 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tot Ion	93	Resp	170287
Ion	Ratio	Lower	Upper
93	100		
63	79.6	57.7	97.7
95	32.3	12.3	52.3

Instrument :
BNA_G
ClientSampleId :
PB131395BS

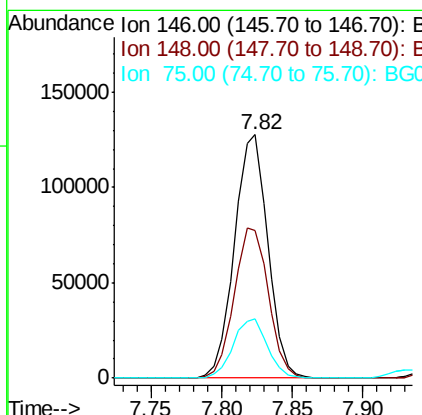
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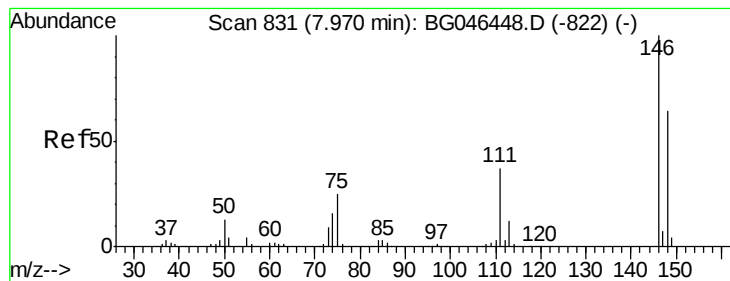
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.587 ng
RT: 7.82 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	146	Resp	210445
Ion	Ratio	Lower	Upper
146	100		
148	60.6	51.4	77.0
75	24.4	20.7	31.1





#13

1,4-Dichlorobenzene

Concen: 37.482 ng

RT: 7.96 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

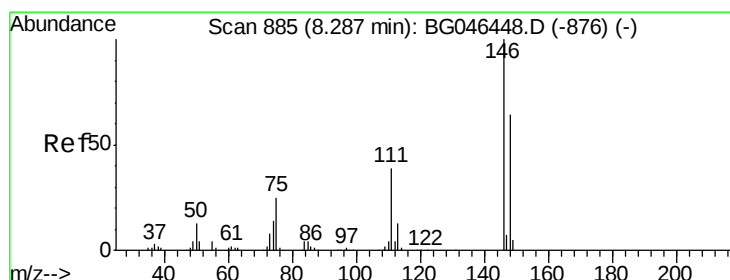
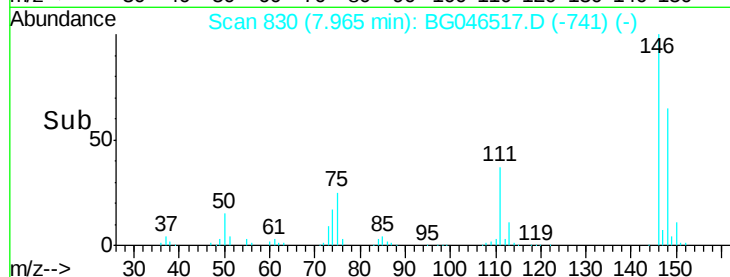
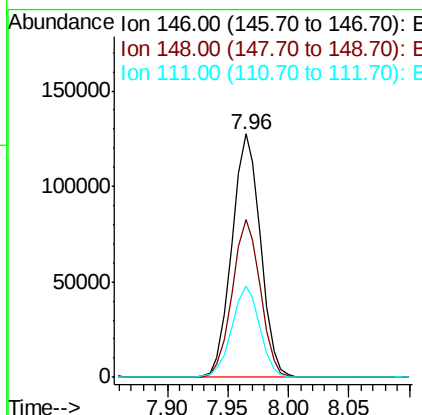
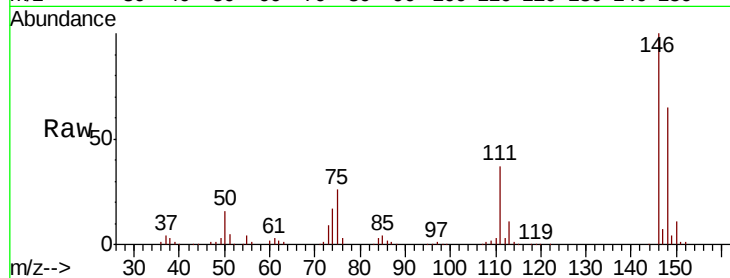
ClientSampleId :

PB131395BS

Tot Ion:	146	Resp:	210095
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.9	76.3
111	37.4	29.8	44.6

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#14

1,2-Dichlorobenzene

Concen: 36.572 ng

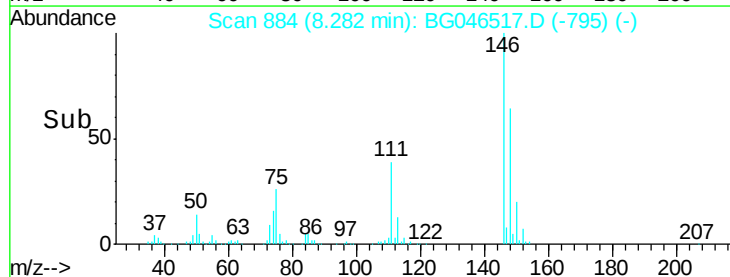
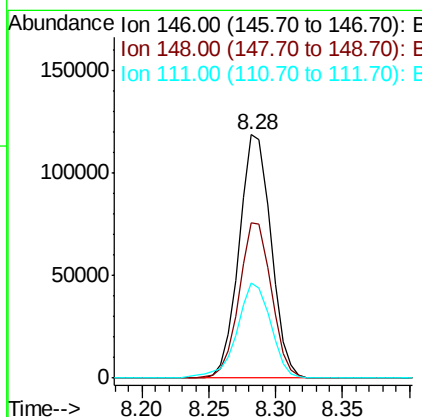
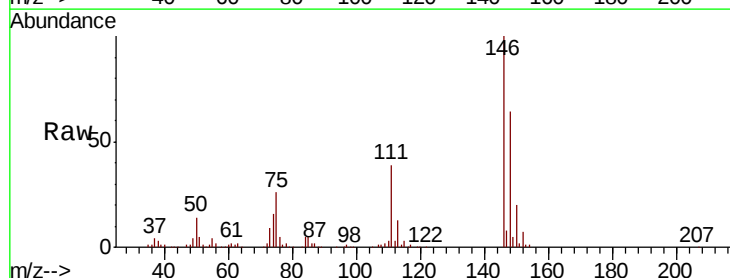
RT: 8.28 min Scan# 884

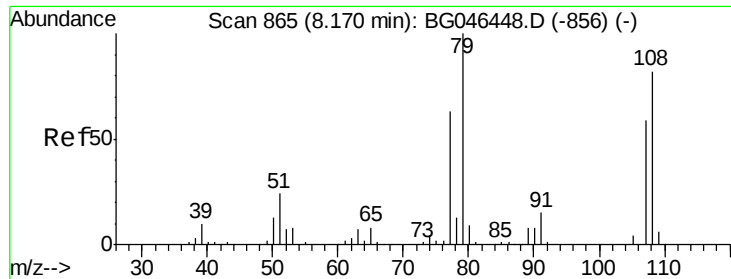
Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Tgt Ion:	146	Resp:	196559
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.4	77.0
111	39.1	31.4	47.2





#15

Benzyl Alcohol

Concen: 40.661 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

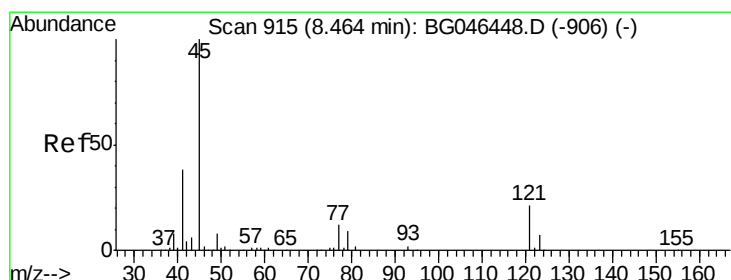
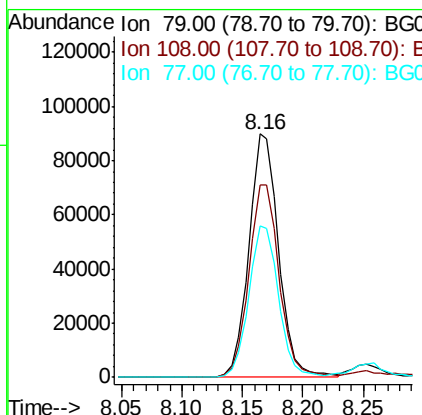
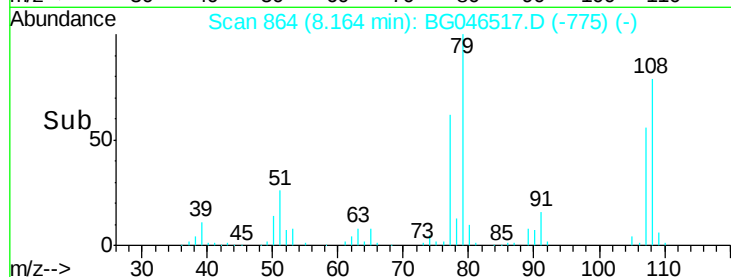
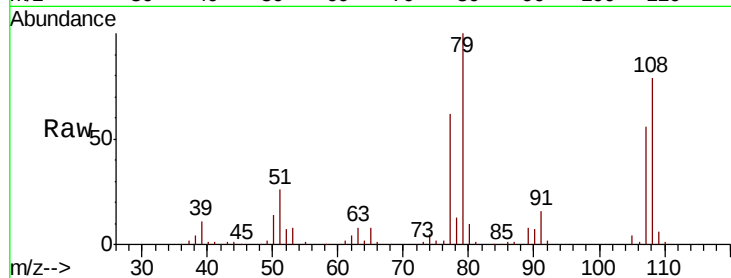
ClientSampleId :

PB131395BS

Tot Ion:	79	Resp:	154410
Ion Ratio	Lower	Upper	
79	100		
108	79.1	65.7	98.5
77	62.1	50.3	75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.942 ng

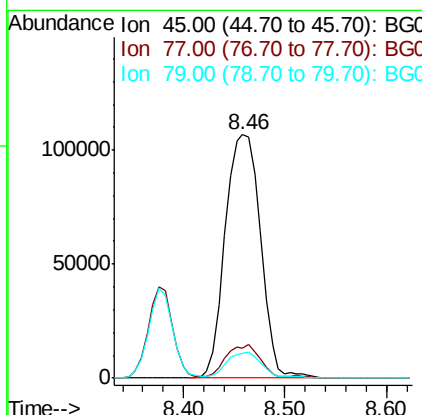
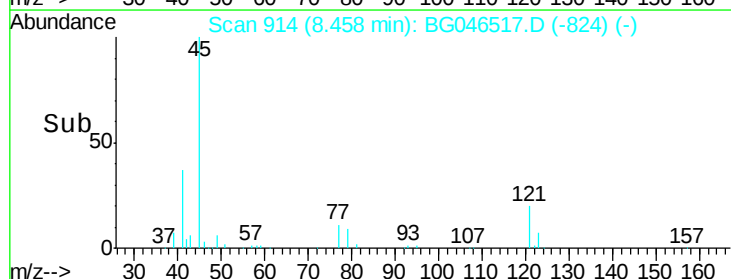
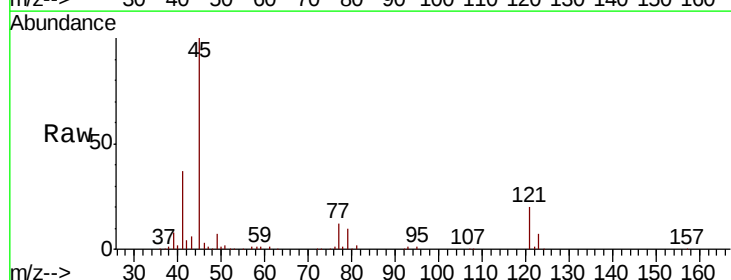
RT: 8.46 min Scan# 914

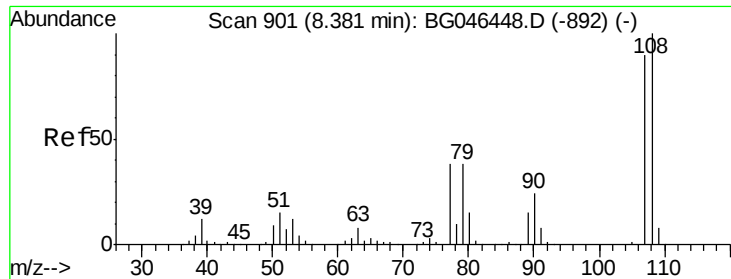
Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Tgt Ion:	45	Resp:	257723
Ion Ratio	Lower	Upper	
45	100		
77	12.4	0.0	33.2
79	10.3	0.0	30.3





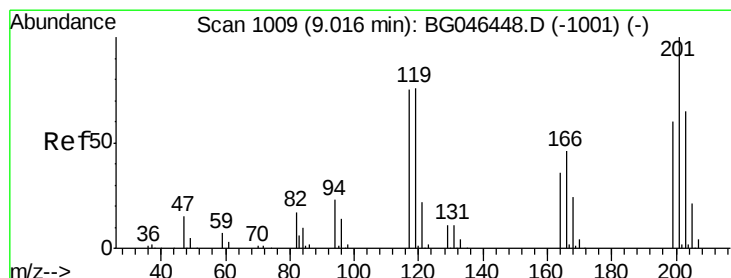
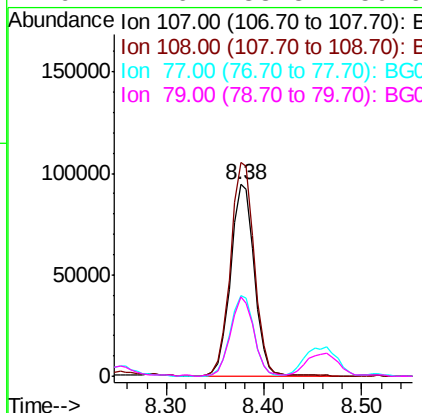
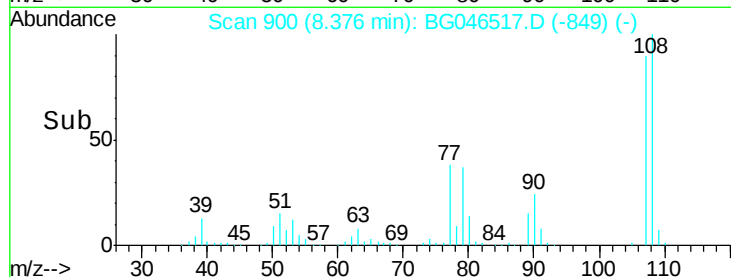
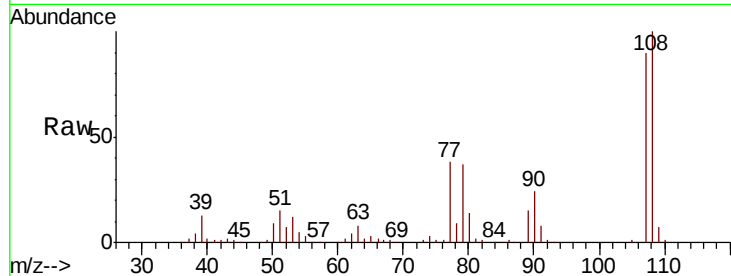
#17
2-Methylphenol
Concen: 41.550 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	89.4	134.0	
77	42.3	34.5	51.7	
79	41.6	33.8	50.6	

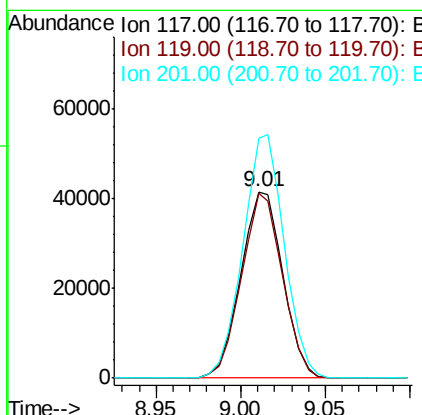
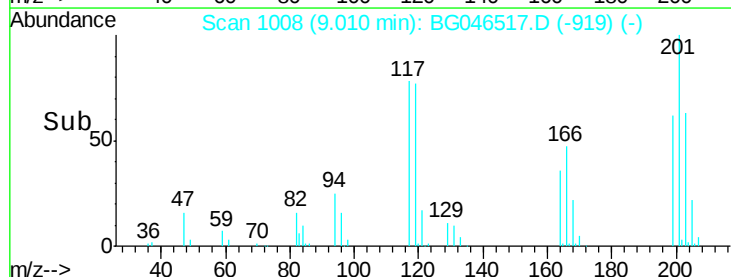
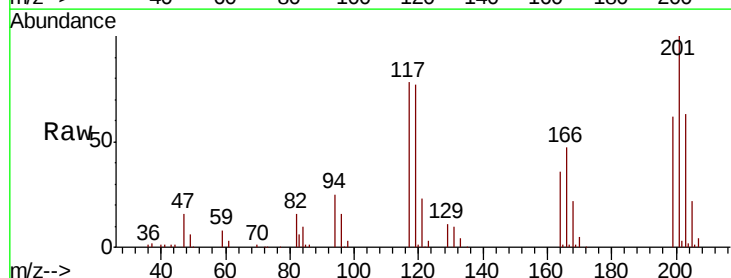
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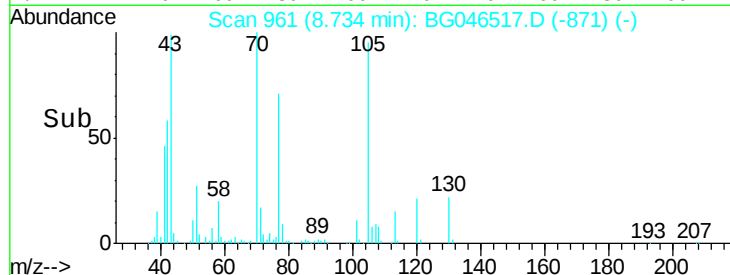
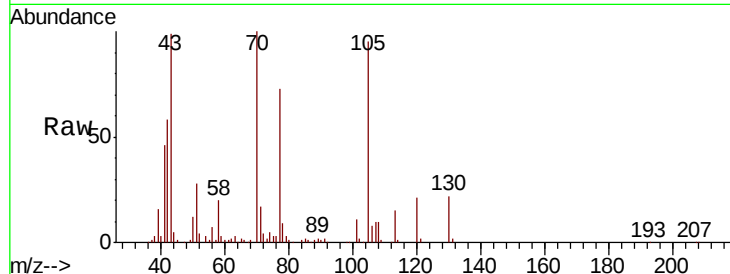
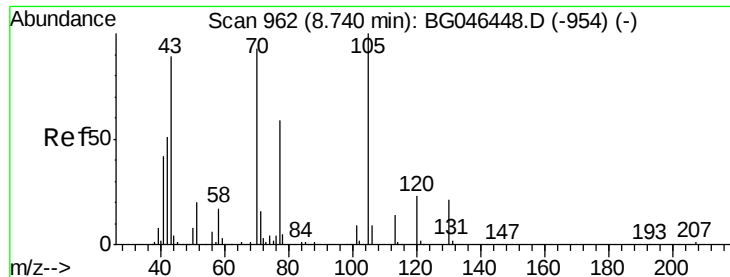
mohammad
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#18
Hexachloroethane
Concen: 37.816 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.9	80.8	121.2	
201	128.8	106.7	160.1	





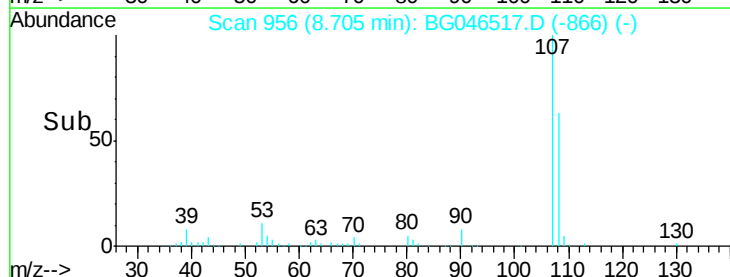
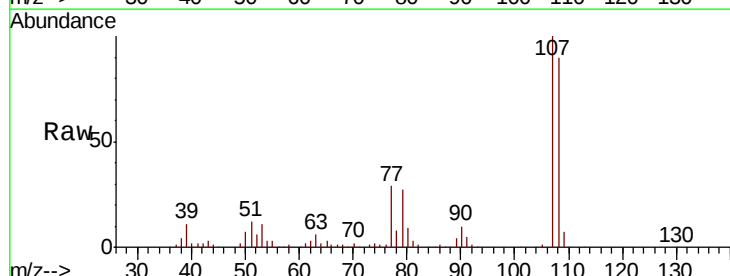
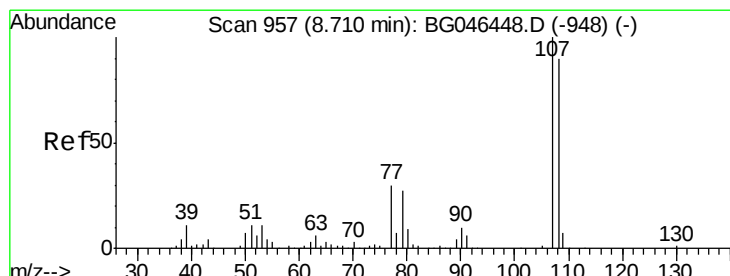
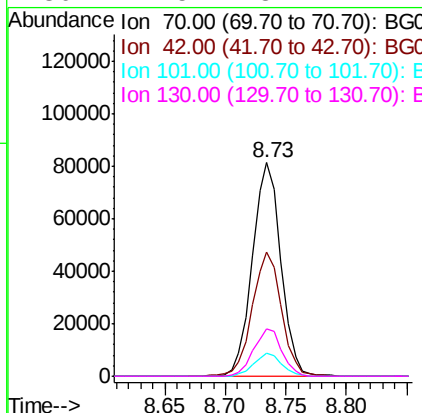
#19
n-Nitroso-di-n-propylamine
Concen: 37.751 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		133565		
42	57.9	44.2	66.2		
101	10.8	7.8	11.8		
130	22.5	18.2	27.4		

Instrument :
BNA_G
ClientSampleId :
PB131395BS

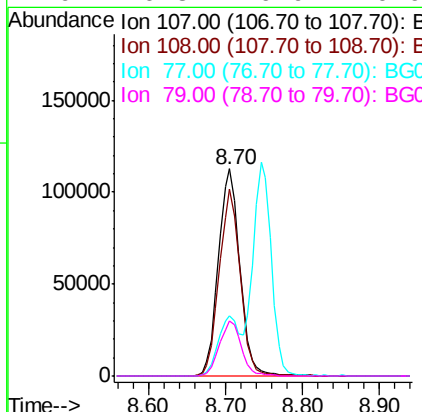
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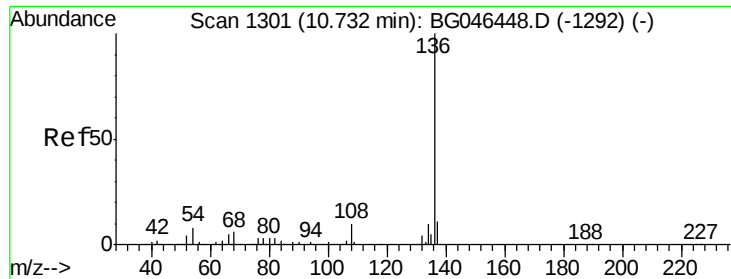
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#20
3+4-Methylphenols
Concen: 40.754 ng
RT: 8.70 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		217336		
108	90.2	69.7	109.7		
77	29.4	9.7	49.7		
79	26.8	6.9	46.9		





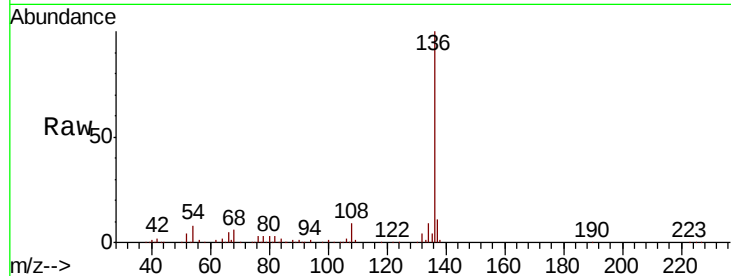
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	296595		
137	10.8		8.8	13.2
54	8.2		6.1	9.1
68	6.3		4.8	7.2

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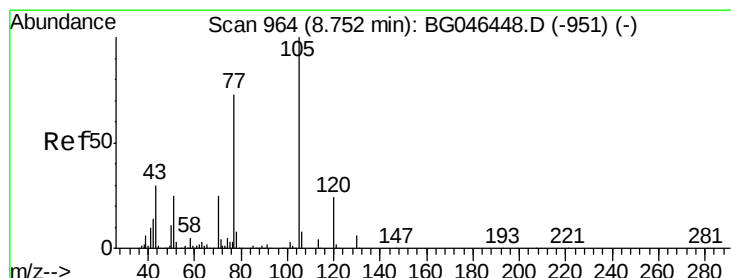
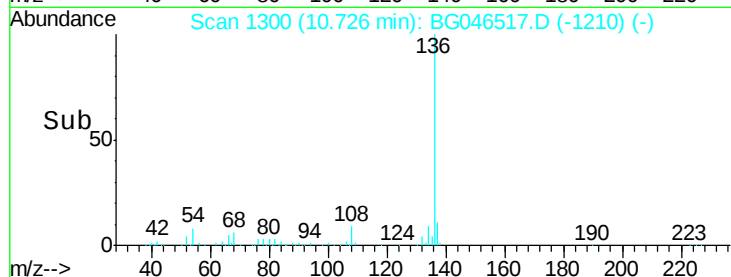
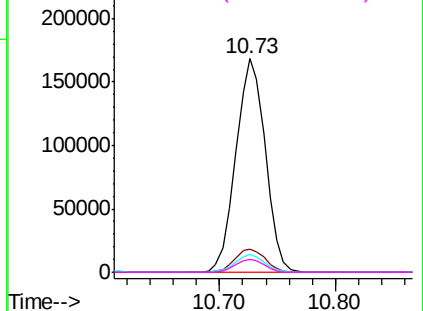
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

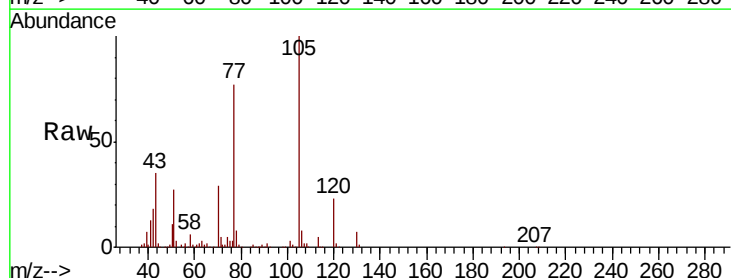
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.533 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	263755		
71	5.1		3.3	4.9#
51	27.3		20.6	31.0
120	23.5		19.0	28.6



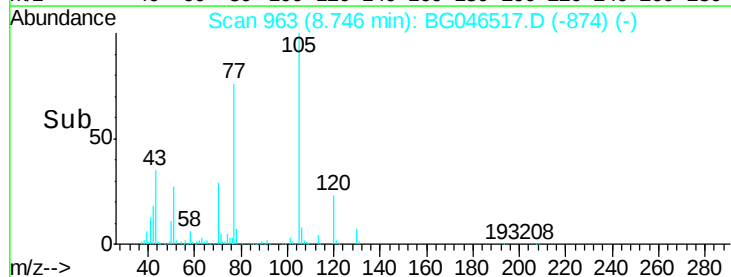
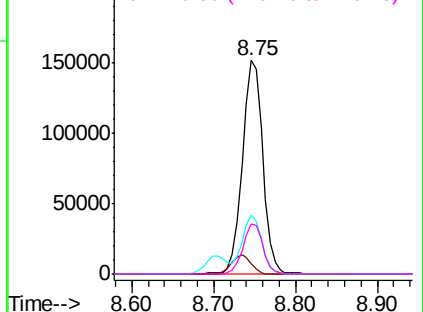
Abundance

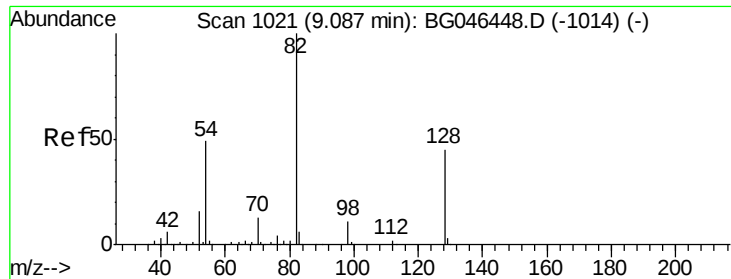
Ion 105.00 (104.70 to 105.70): E

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





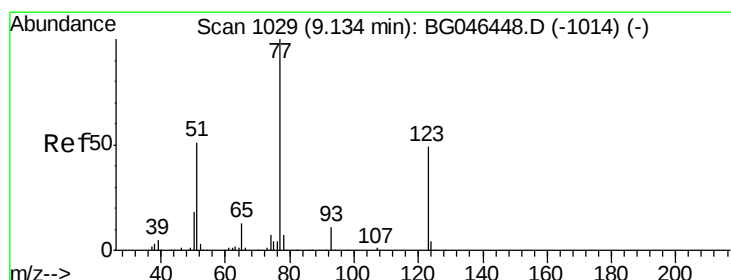
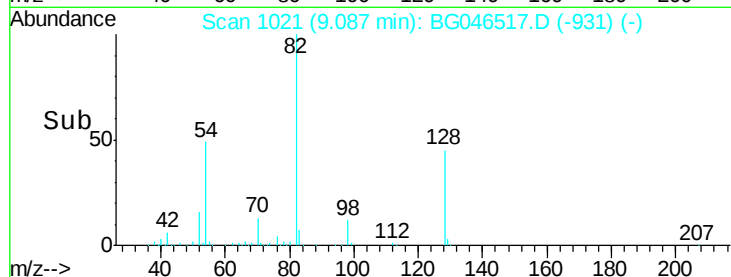
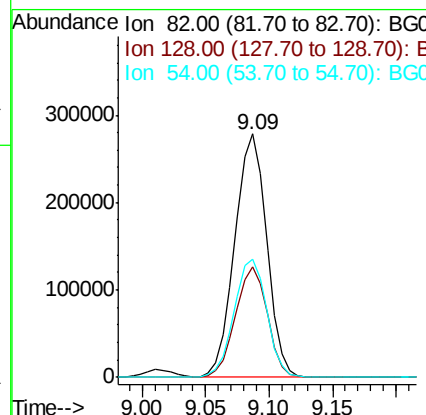
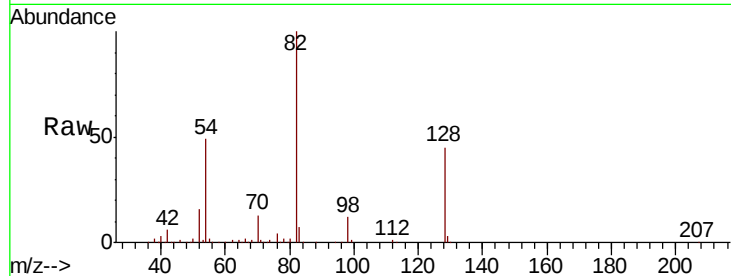
#23
Nitrobenzene-d5
Concen: 93.389 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.2	35.7	53.5	
54	48.7	39.4	59.0	

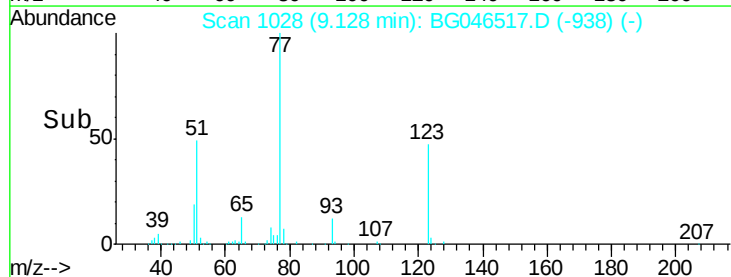
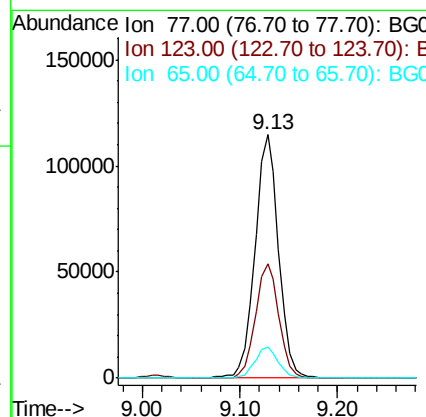
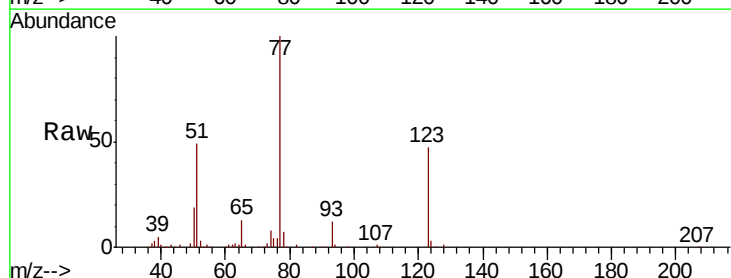
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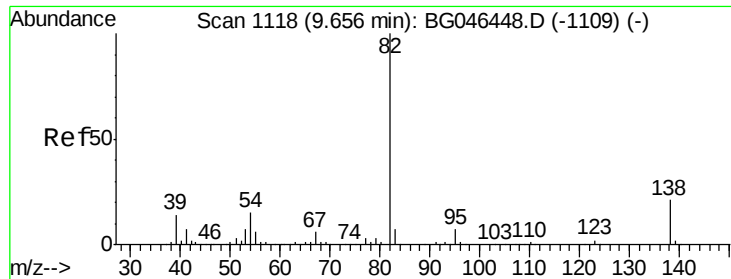
mohammad
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#24
Nitrobenzene
Concen: 37.848 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.1	39.6	59.4	
65	12.6	10.1	15.1	





#25

Isophorone

Concen: 38.153 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

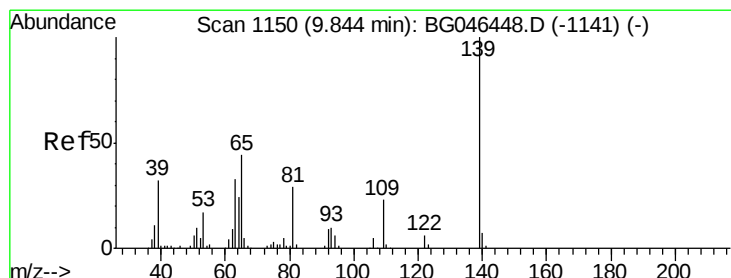
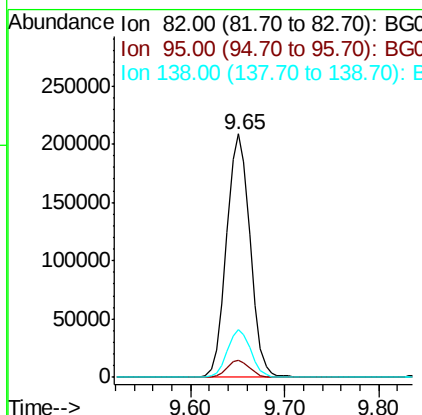
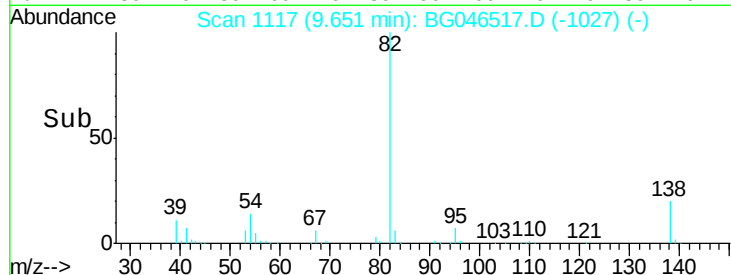
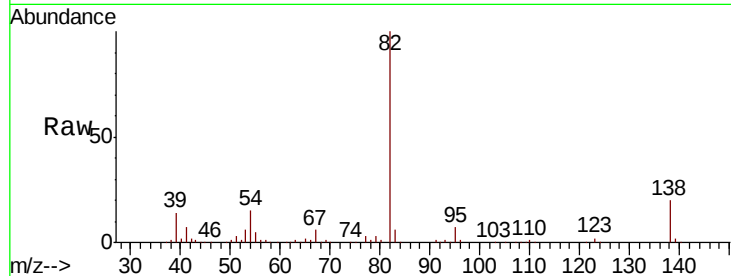
ClientSampleId :

PB131395BS

Tot Ion:	82	Resp:	362987
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	19.8	16.4	24.6

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#26

2-Nitrophenol

Concen: 38.984 ng

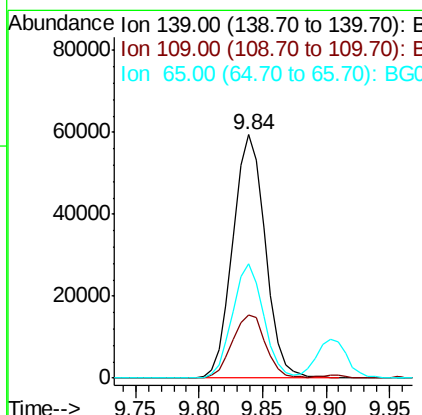
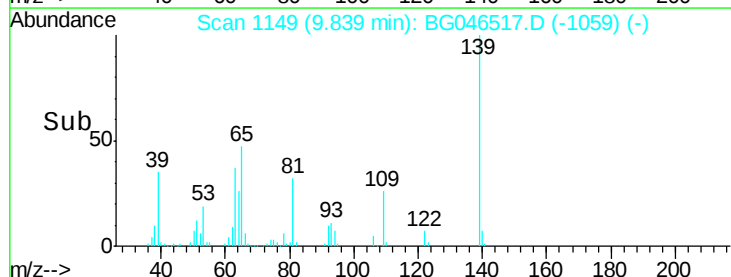
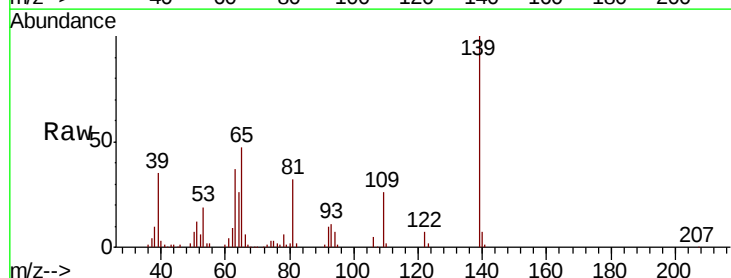
RT: 9.84 min Scan# 1149

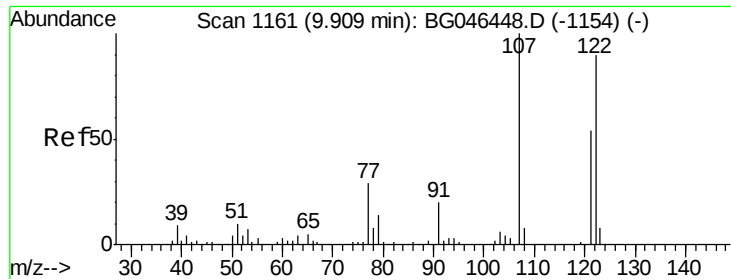
Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Tgt Ion:	139	Resp:	105448
Ion Ratio	Lower	Upper	
139	100		
109	26.0	18.8	28.2
65	47.2	35.0	52.6





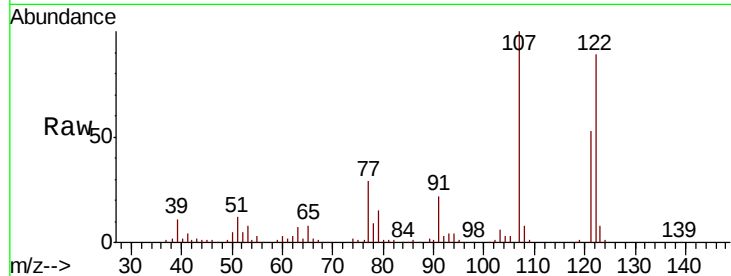
#27
2,4-Dimethylphenol
Concen: 45.789 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		170347		
107	112.6	88.2	132.2		
121	60.2	47.4	71.0		

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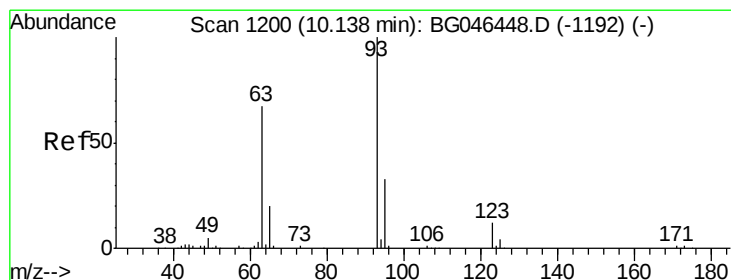
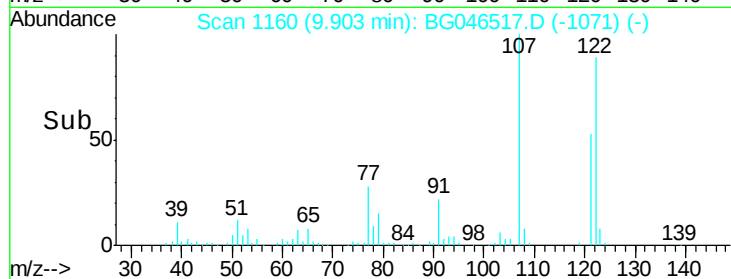
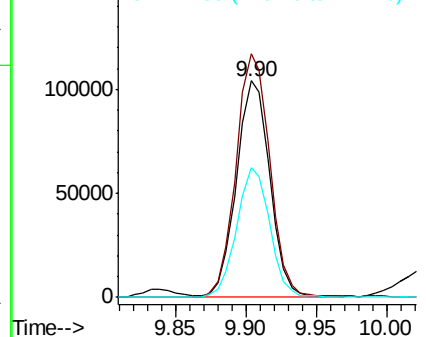


Abundance

Ion 122.00 (121.70 to 122.70): E

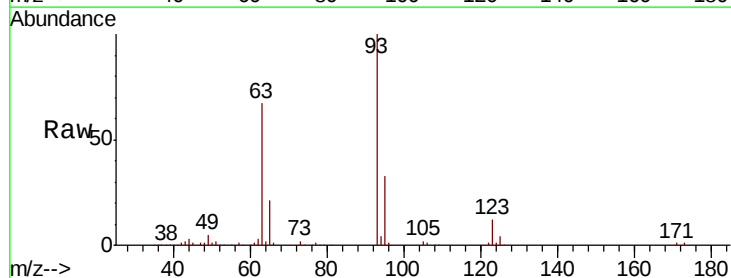
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 36.604 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		224151		
95	32.9	26.1	39.1		
123	12.4	9.5	14.3		

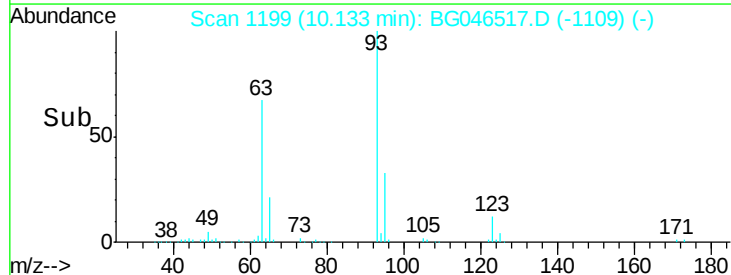
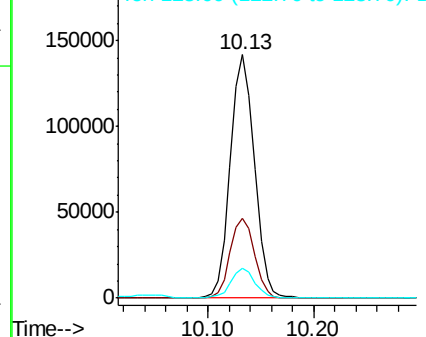


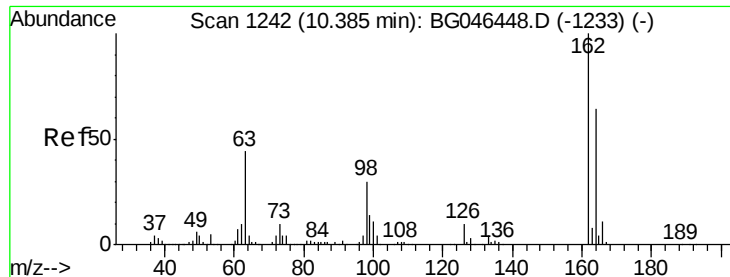
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





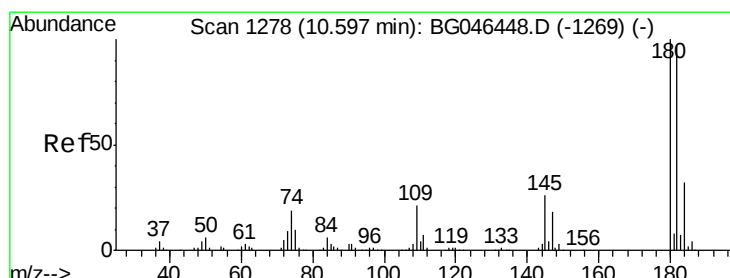
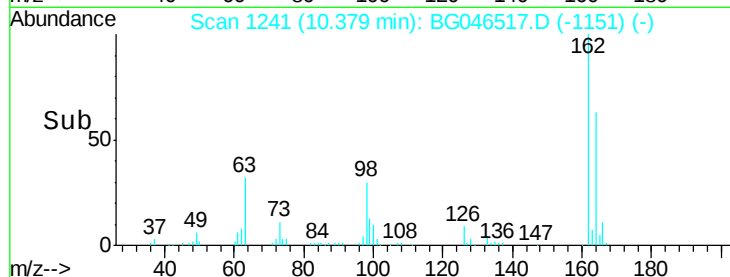
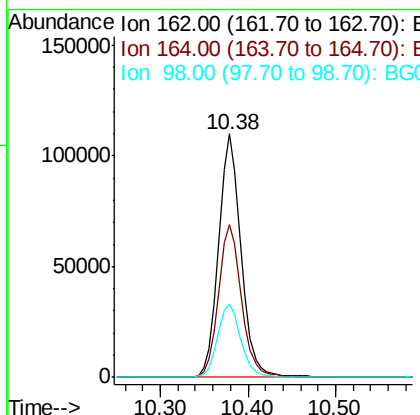
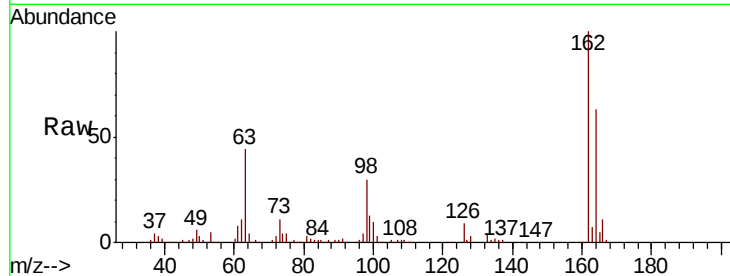
#29
2,4-Dichlorophenol
Concen: 39.564 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampled :
PB131395BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	196217		
164	62.6	44.3	84.3	
98	29.9	10.0	50.0	

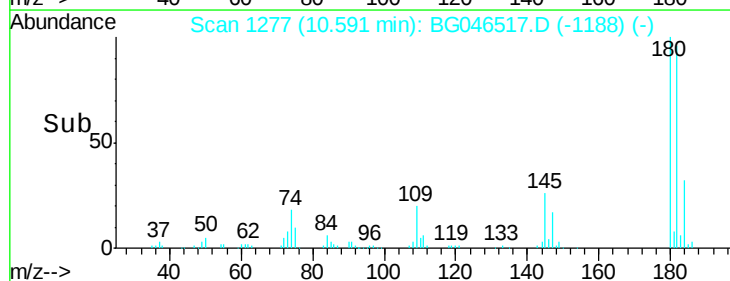
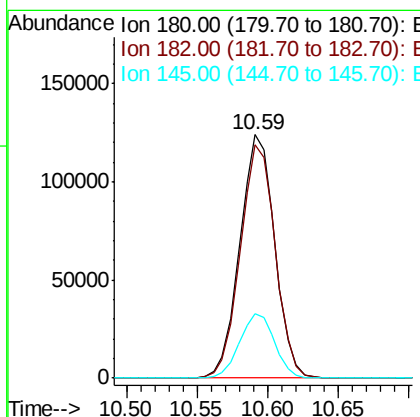
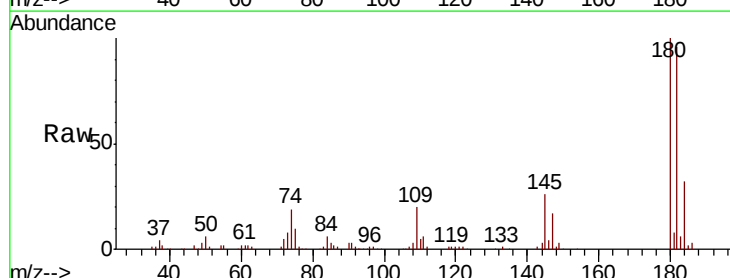
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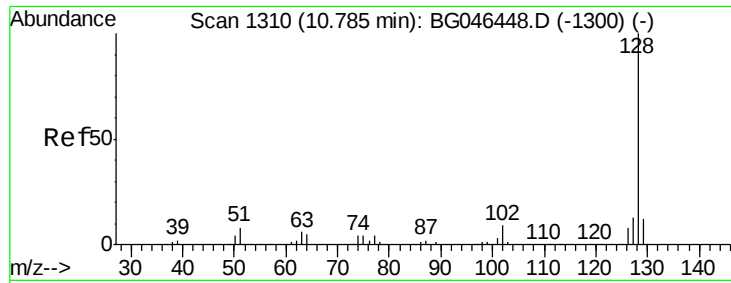
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#30
1,2,4-Trichlorobenzene
Concen: 36.372 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	214026		
182	96.0	77.8	116.8	
145	26.3	20.9	31.3	





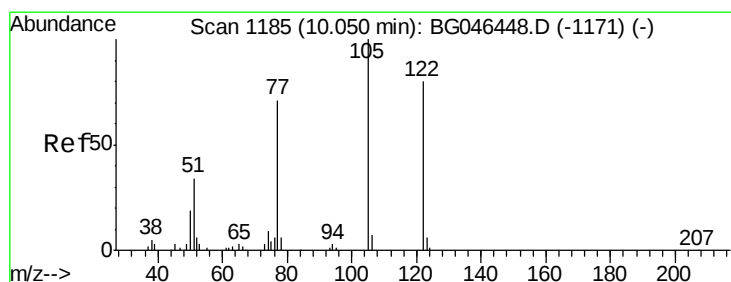
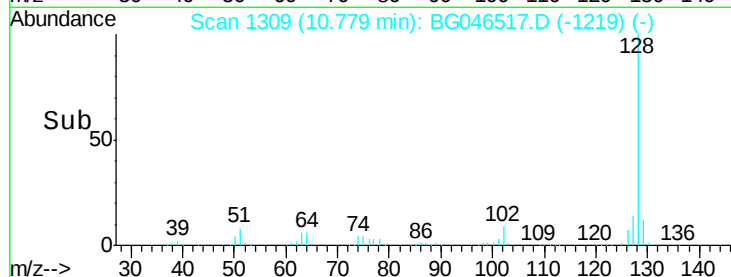
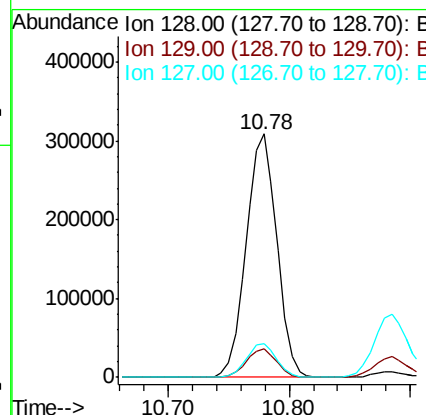
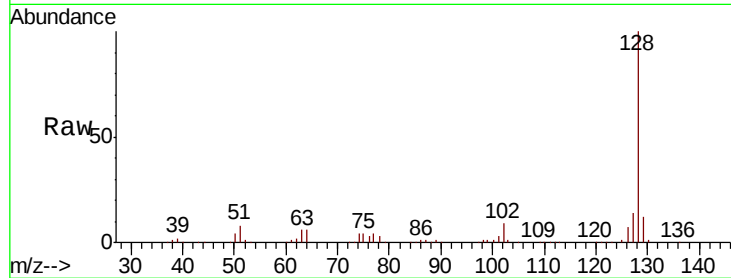
#31
Naphthalene
Concen: 37.614 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.6	10.7	16.1

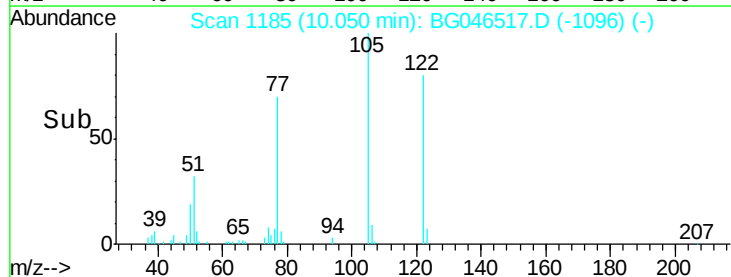
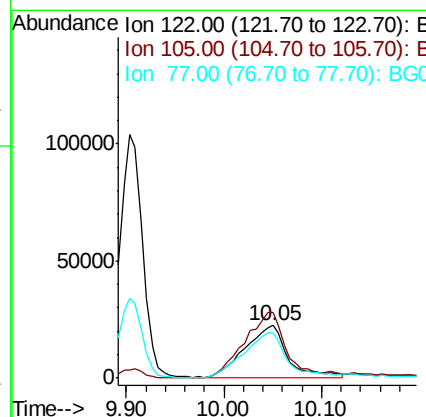
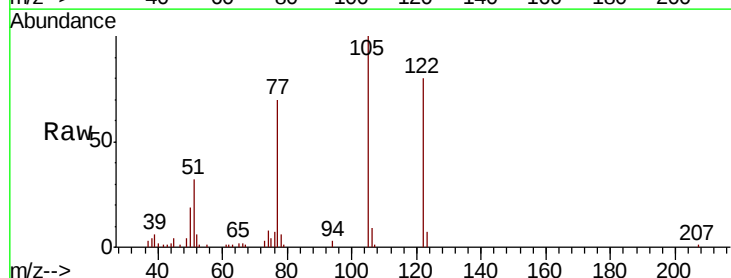
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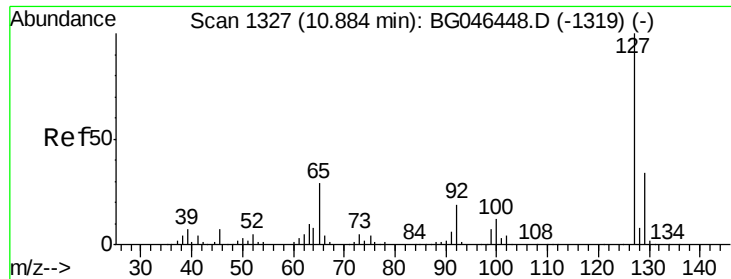
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#32
Benzoic acid
Concen: 28.923 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.3	102.5	142.5
77	86.9	68.2	108.2





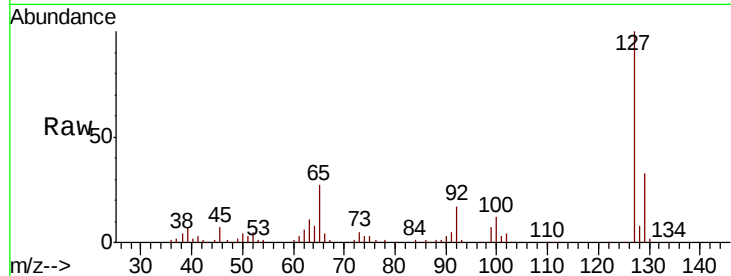
#33
4-Chloroaniline
Concen: 25.109 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampled :
PB131395BS

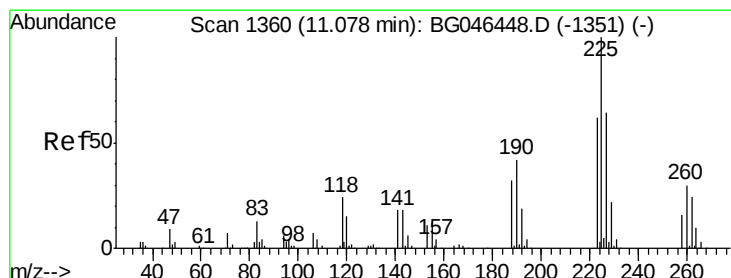
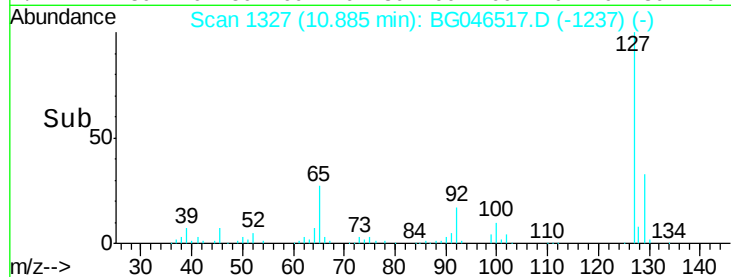
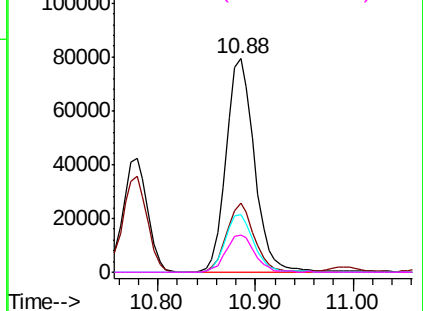
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	27.0	40.4		
65	26.9	23.5	35.3		
92	17.2	14.9	22.3		

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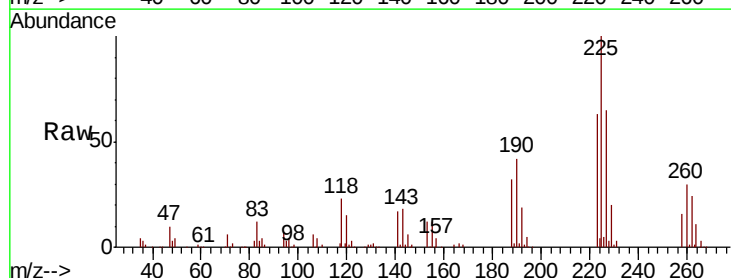


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

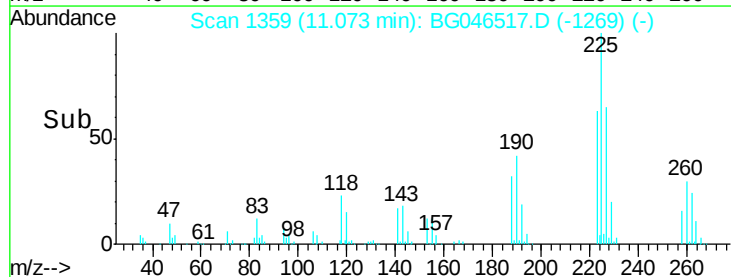
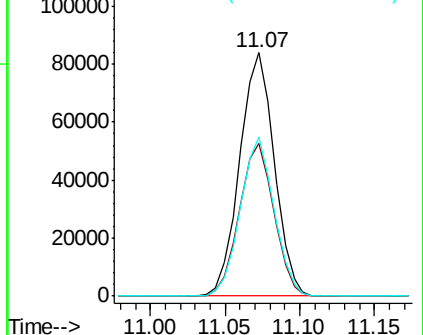


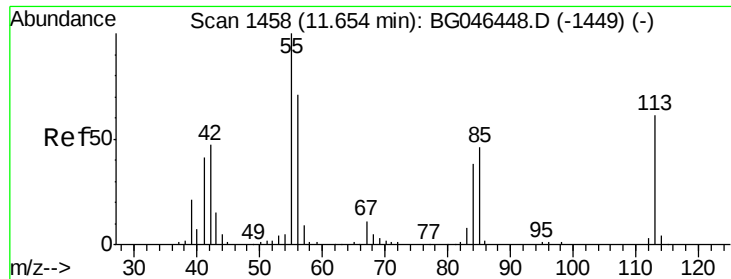
#34
Hexachlorobutadiene
Concen: 35.341 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	49.9	74.9		
227	65.2	51.6	77.4		



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





#35

Caprolactam

Concen: 33.680 ng/mL

RT: 11.65 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleID :

PB131395BS

Tot Ion: 113 Resp: 62438

Ion Ratio Lower Upper

113 100

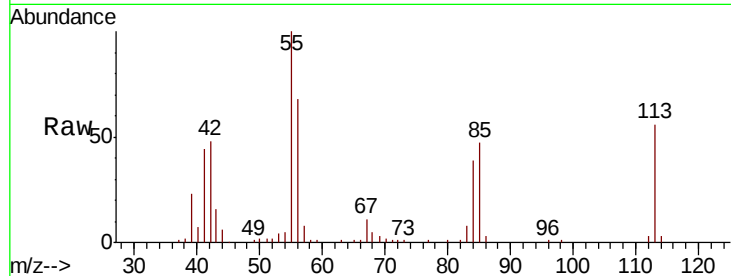
55 179.1 144.2 184.2

56 122.4 97.0 137.0

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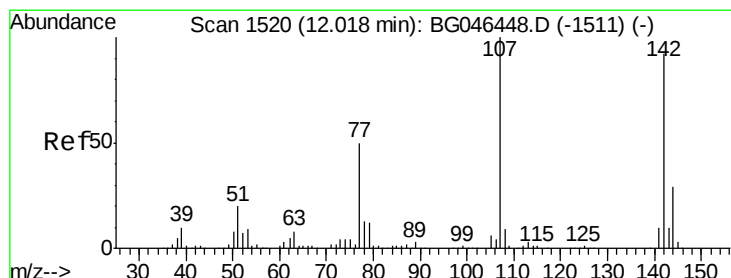
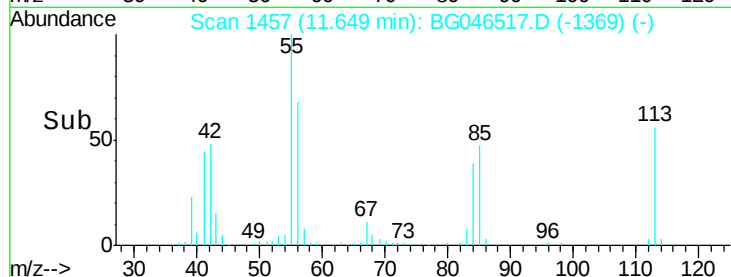
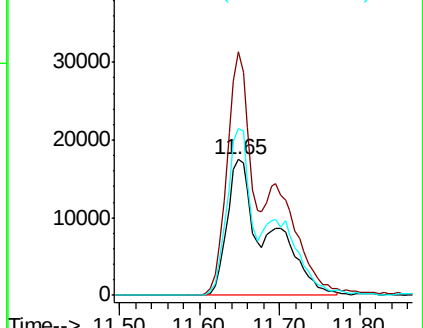
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 38.221 ng/mL

RT: 12.01 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

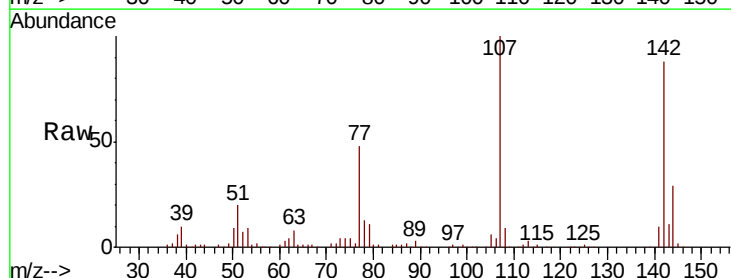
Tgt Ion: 107 Resp: 185395

Ion Ratio Lower Upper

107 100

144 28.7 23.3 34.9

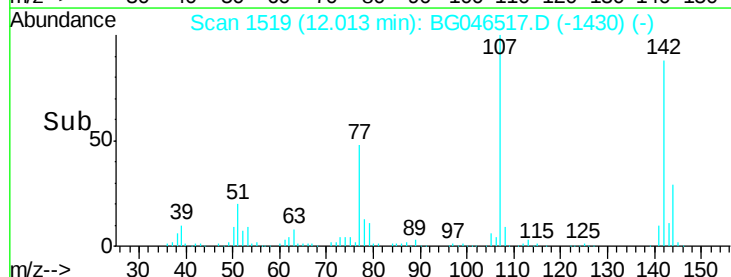
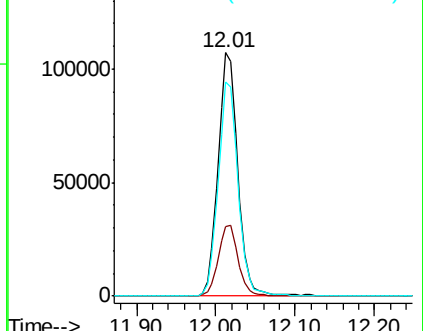
142 88.1 73.7 110.5

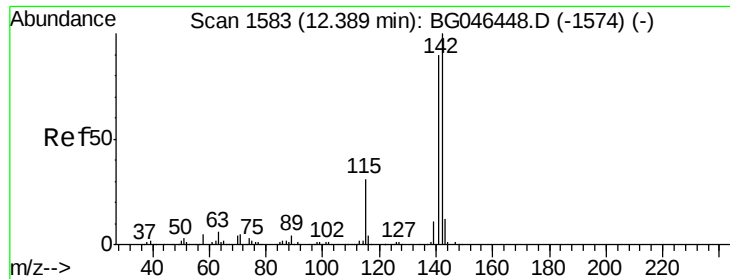


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





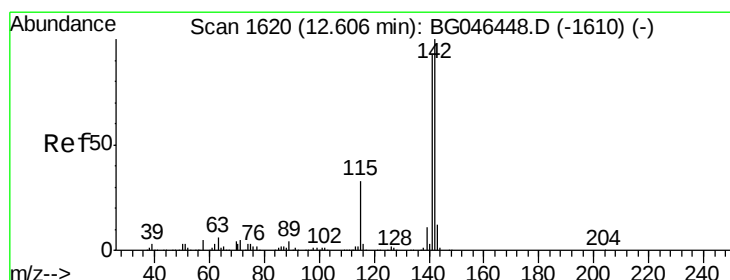
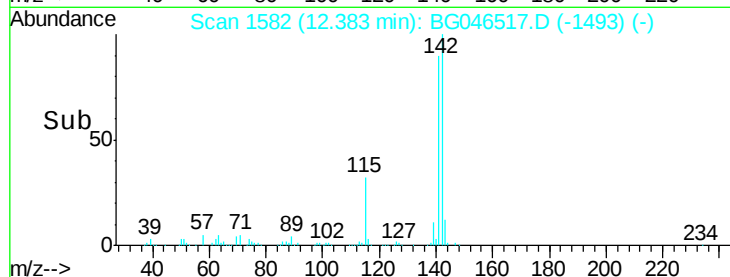
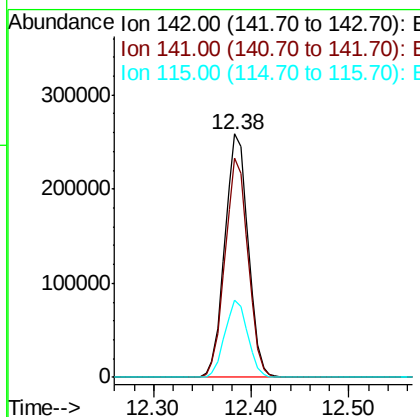
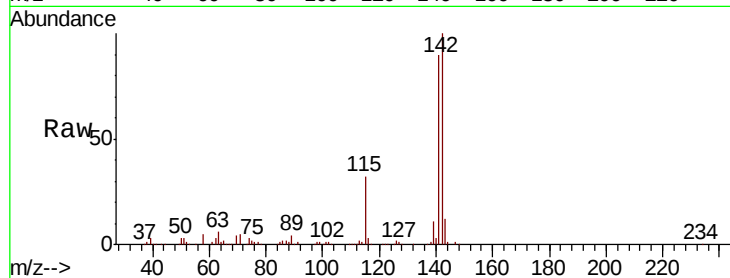
#37
2-Methylnaphthalene
Concen: 37.551 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.1	108.1
115	31.6	24.9	37.3

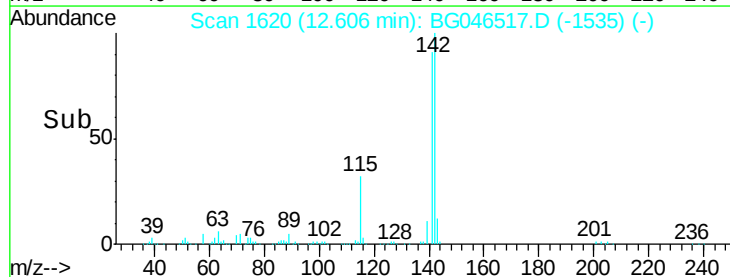
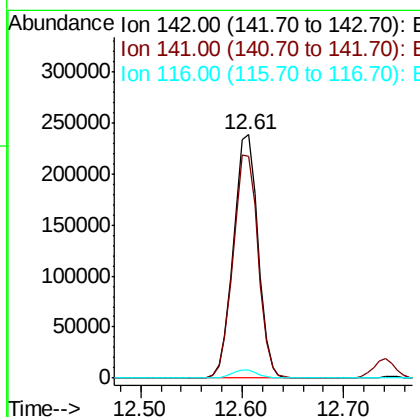
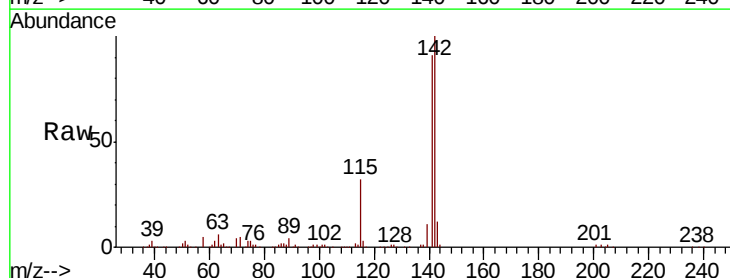
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#38
1-Methylnaphthalene
Concen: 37.085 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.7	112.1
116	3.2	2.6	4.0





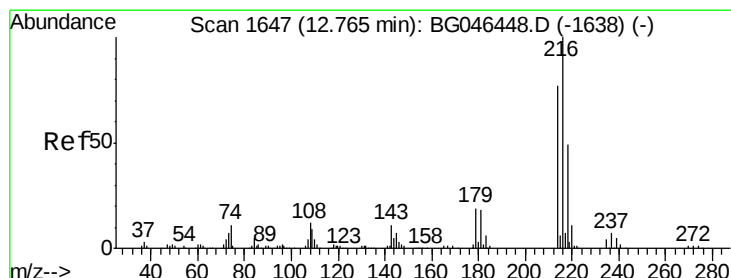
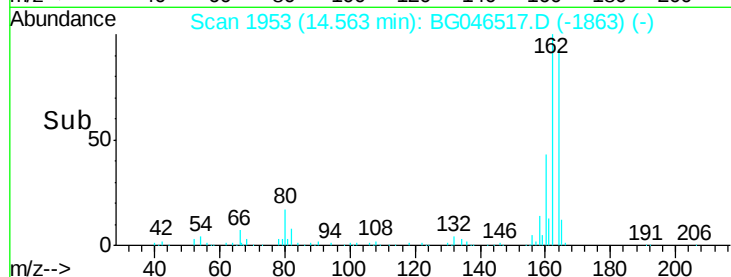
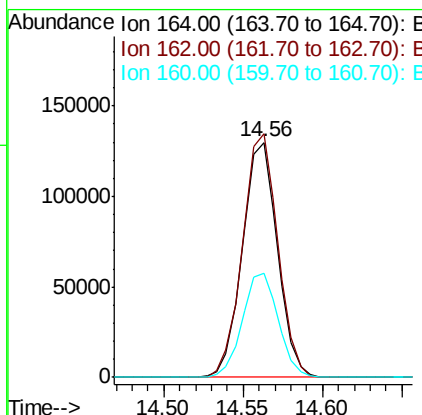
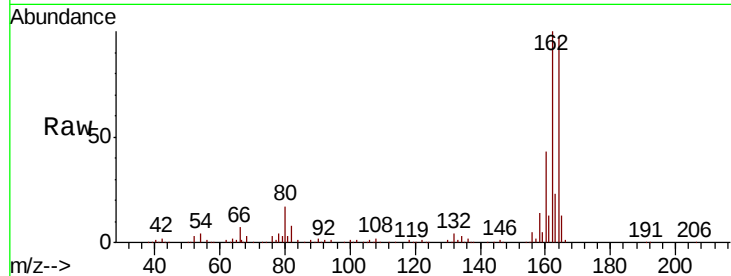
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.5	83.3	124.9	
160	44.4	35.0	52.6	

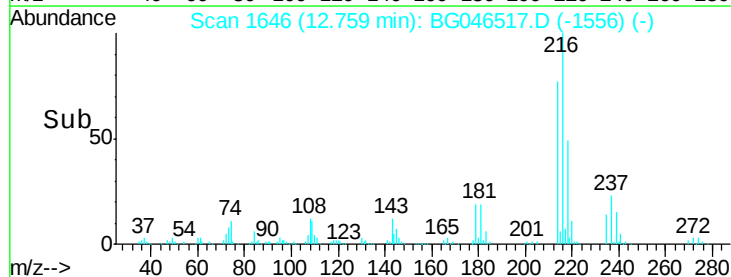
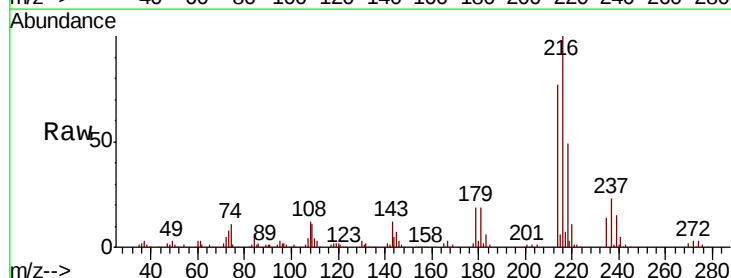
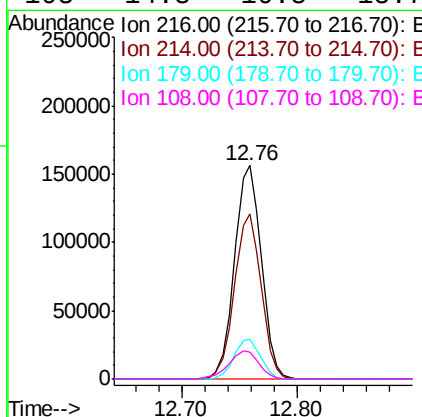
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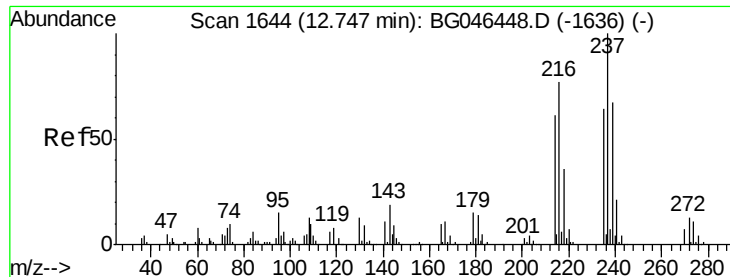
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.276 ng
RT: 12.76 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	76.7	62.1	93.1	
179	18.5	14.9	22.3	
108	14.8	10.5	15.7	





#41

Hexachlorocyclopentadiene

Concen: 99.727 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

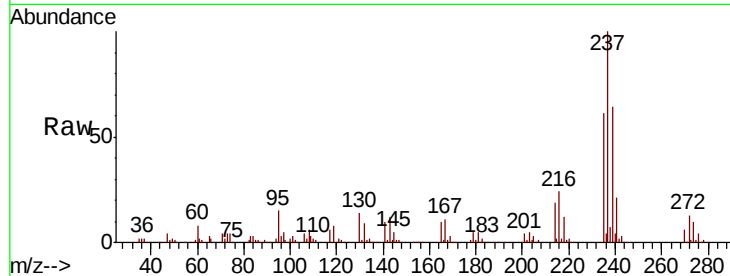
ClientSampleId :

PB131395BS

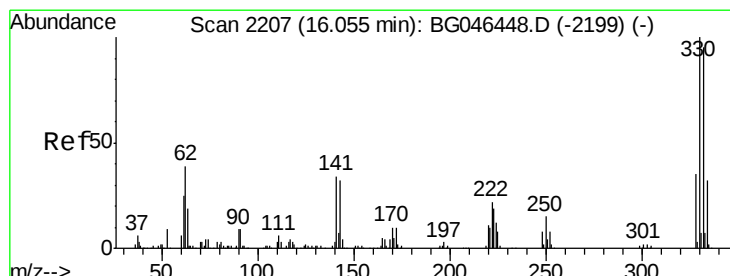
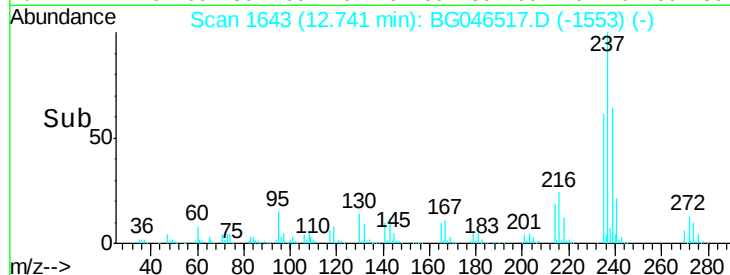
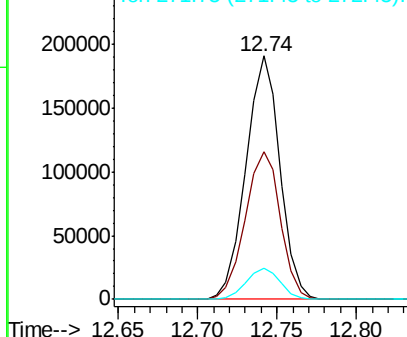
Tot Ion:	237	Resp:	284737
Ion Ratio	Lower	Upper	
237	100		
235	60.8	44.5	84.5
272	12.6	0.0	32.8

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 91.906 ng

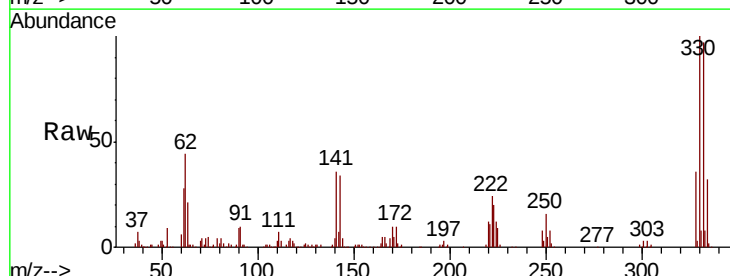
RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

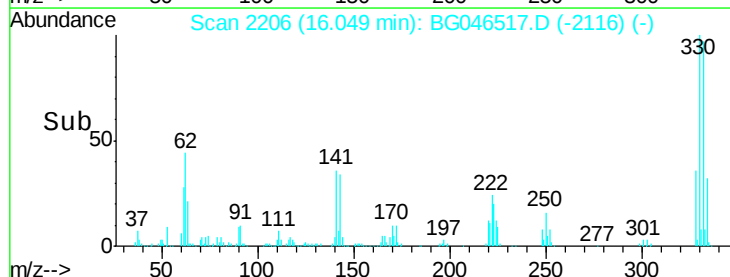
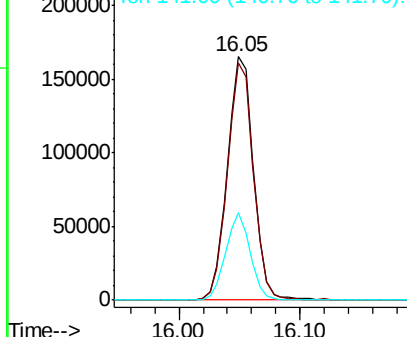
Lab File: BG046517.D

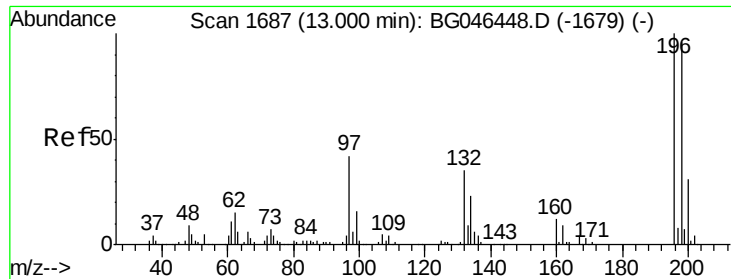
Acq: 3 Sep 2020 15:26

Tgt Ion:	330	Resp:	247958
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.1	114.1
141	33.8	26.1	39.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





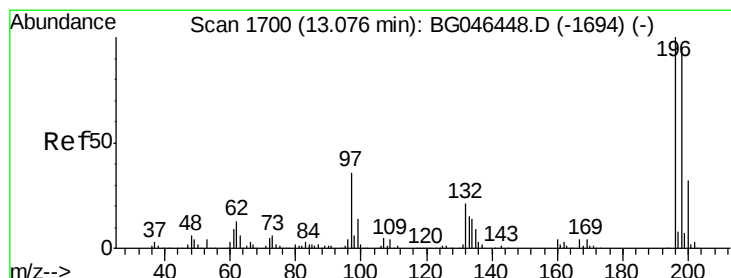
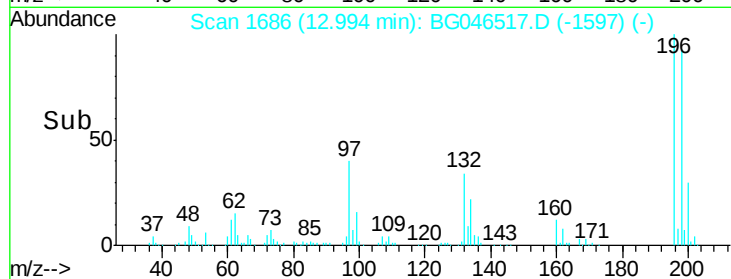
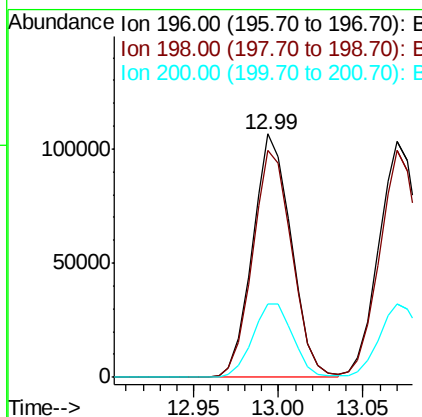
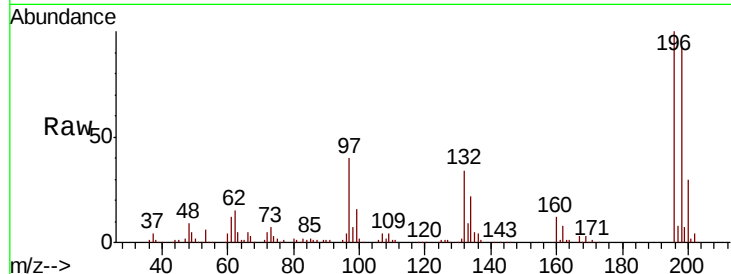
#43
 2,4,6-Trichlorophenol
 Concen: 38.175 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Instrument :
 BNA_G
 ClientSampled :
 PB131395BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	169157		
198	93.1	77.0	115.6	
200	30.2	25.2	37.8	

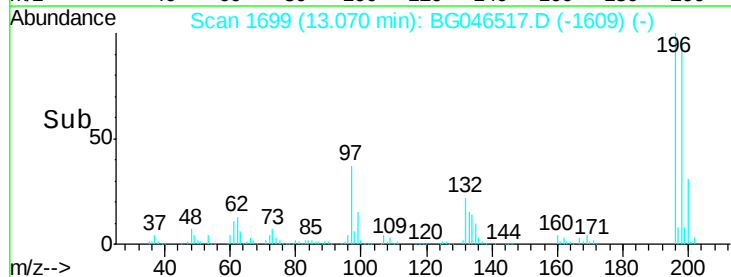
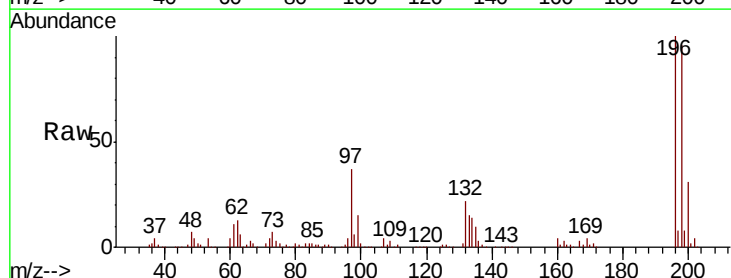
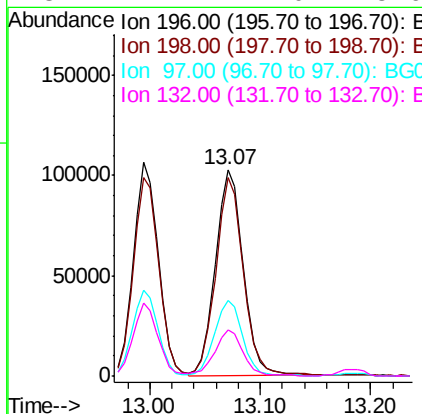
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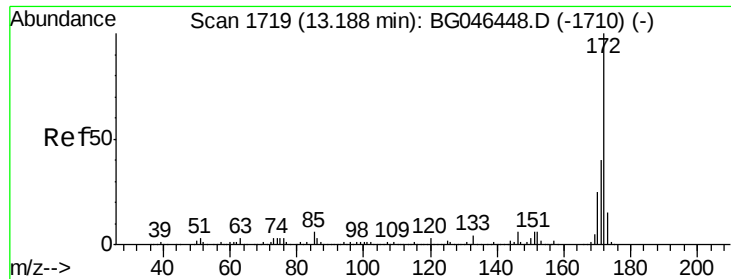
mohammad
 9/4/2020 1:54:43 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.413 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	178835		
198	96.3	75.6	113.4	
97	36.5	28.6	43.0	
132	22.1	17.0	25.6	





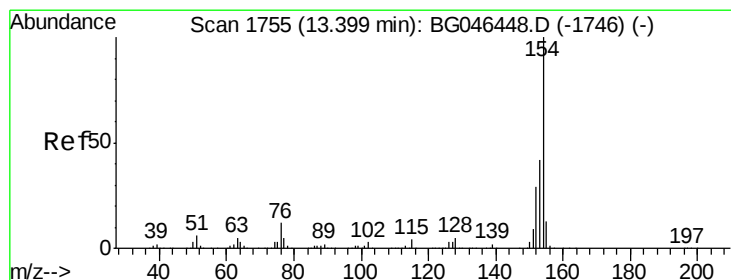
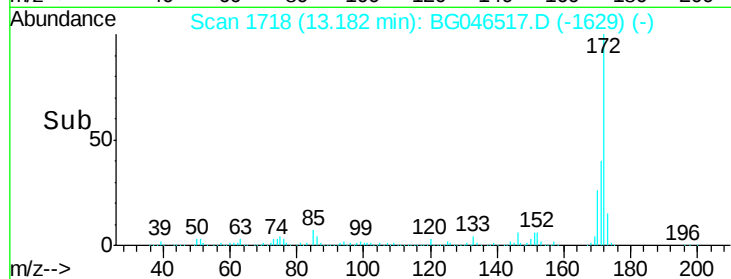
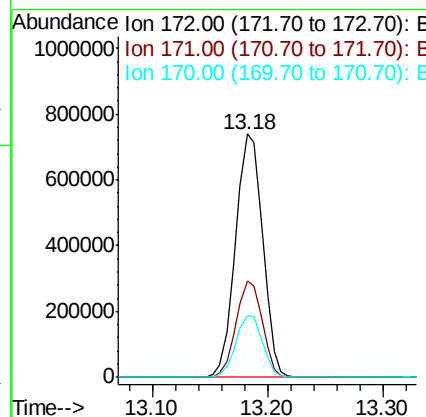
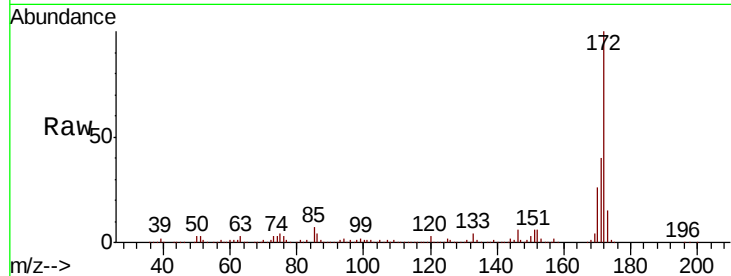
#45
2-Fluorobiphenyl
Concen: 92.153 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	31.8	47.6
170	25.6	20.3	30.5

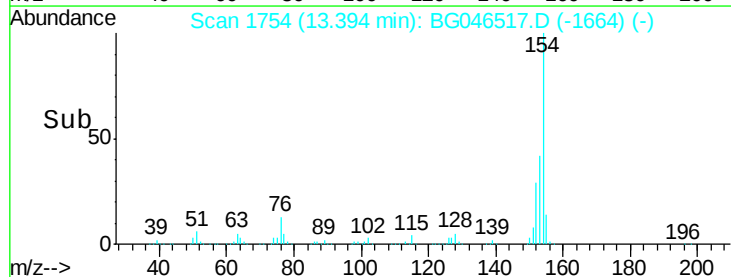
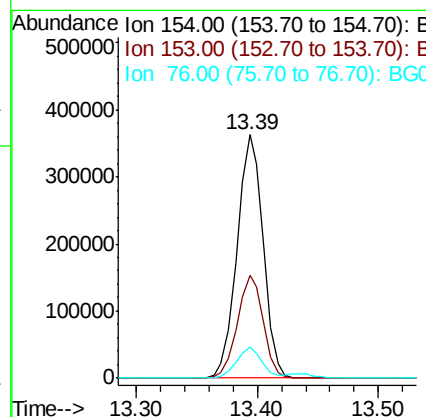
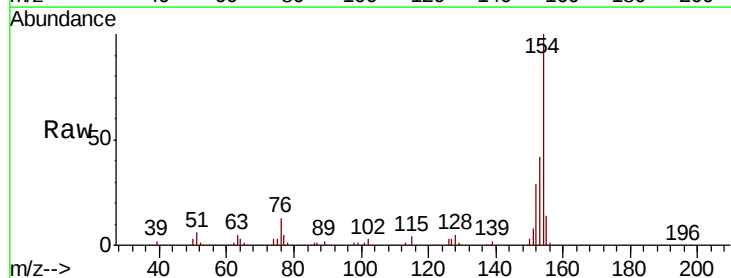
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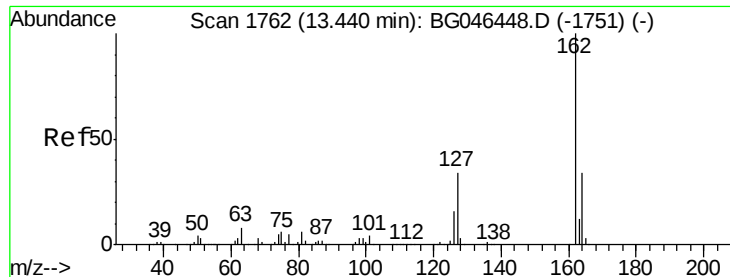
mohammad
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#46
1,1'-Biphenyl
Concen: 39.145 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.0	62.0
76	12.7	0.0	32.3





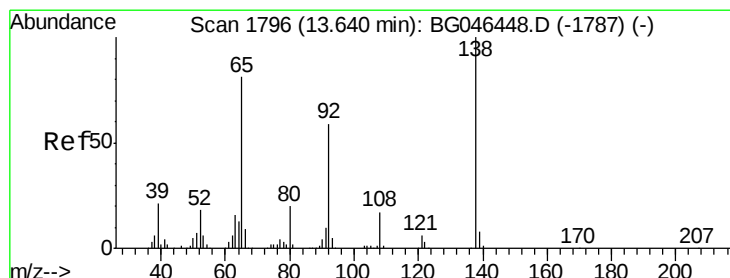
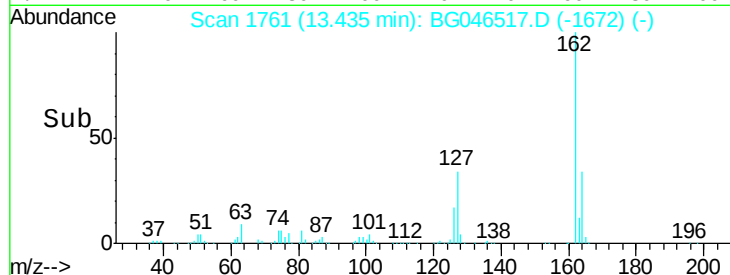
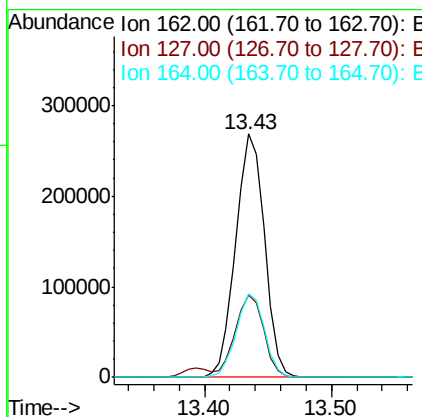
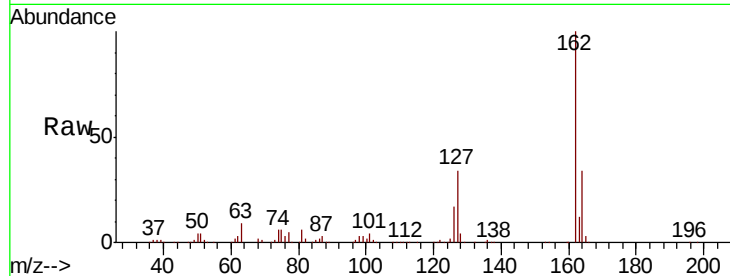
#47
2-Chloronaphthalene
Concen: 35.949 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	422256		
127	33.8	27.6	41.4	
164	34.1	27.3	40.9	

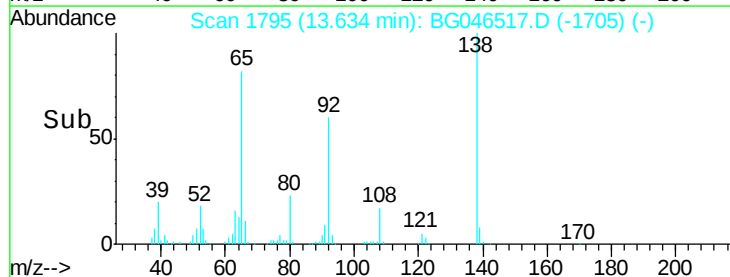
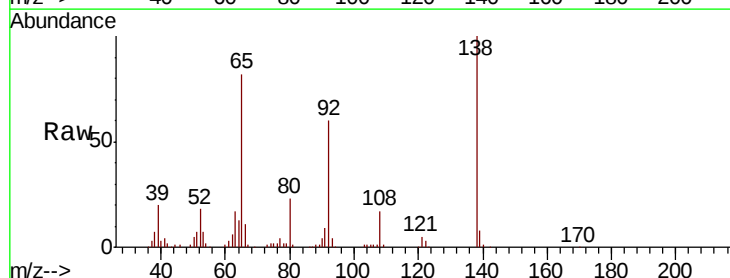
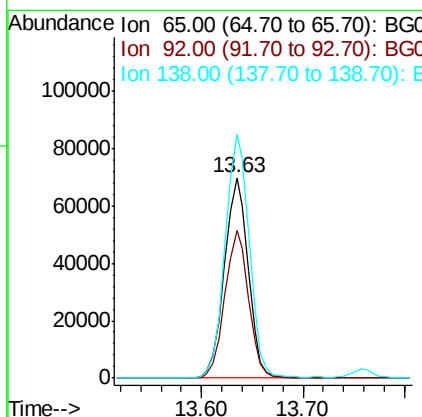
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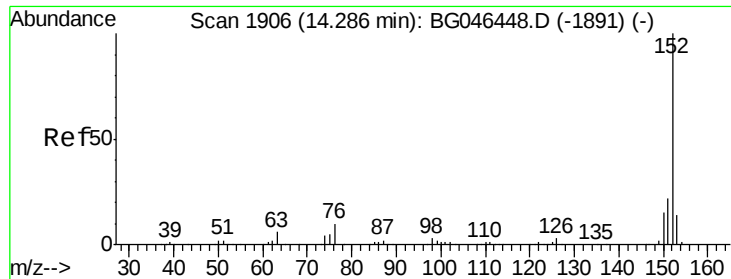
mohammad
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#48
2-Nitroaniline
Concen: 35.066 ng
RT: 13.63 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	114371		
92	73.4	58.5	87.7	
138	121.5	98.4	147.6	





#49

Acenaphthylene

Concen: 38.290 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

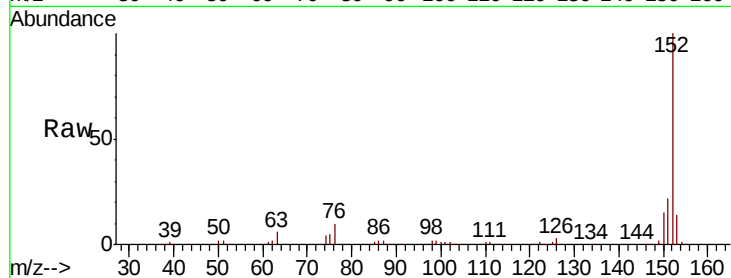
ClientSampleId :

PB131395BS

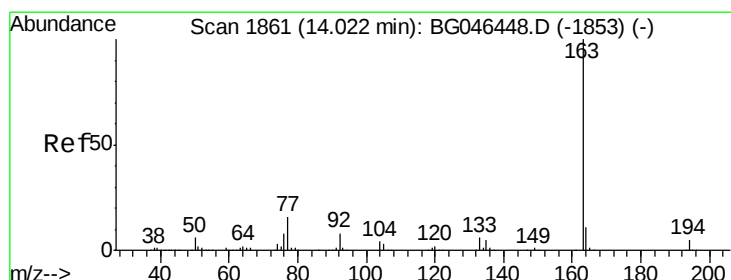
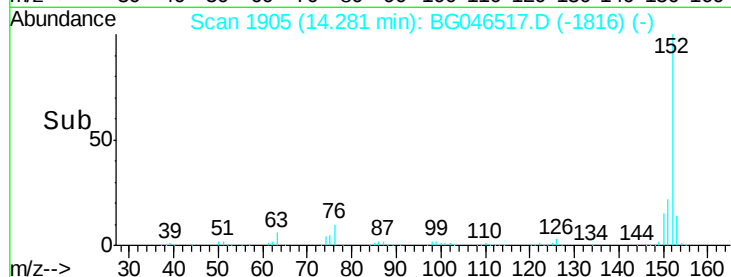
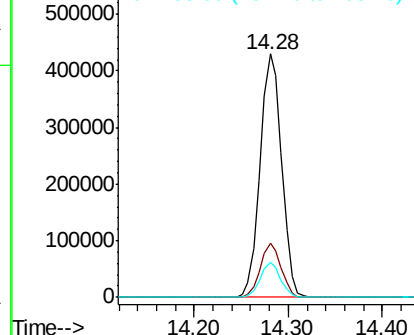
Tot Ion:	152	Resp:	682249
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.7	26.5
153	14.1	11.2	16.8

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



#50

Dimethylphthalate

Concen: 35.400 ng

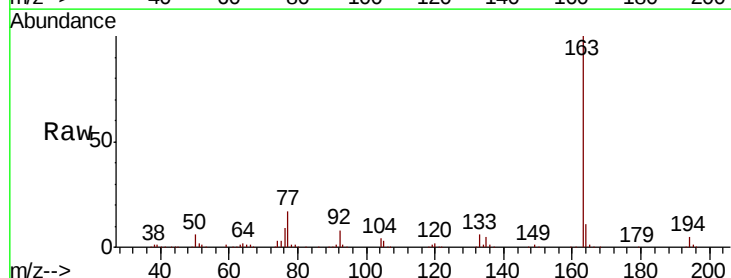
RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

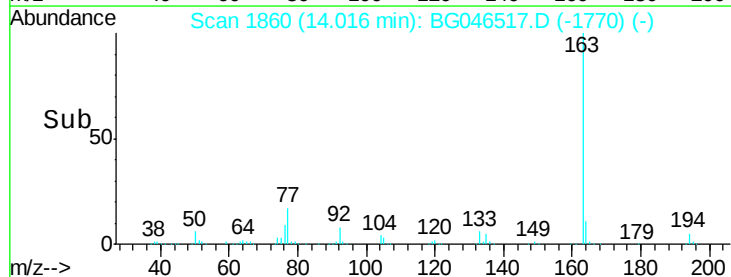
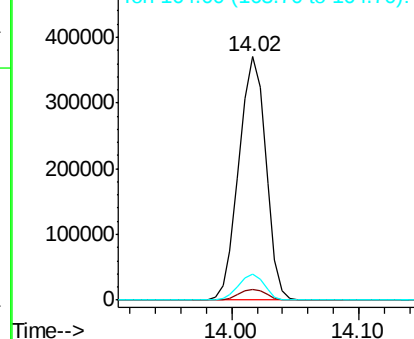
Lab File: BG046517.D

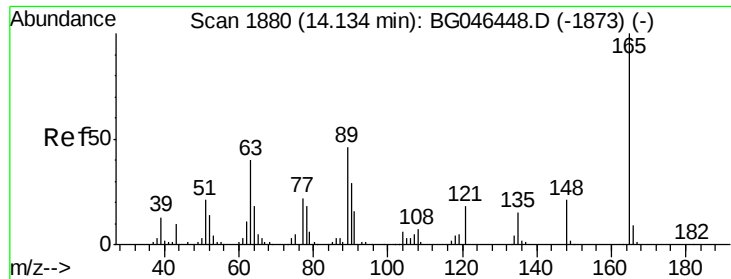
Acq: 3 Sep 2020 15:26

Tgt Ion:	163	Resp:	545340
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.7	5.5
164	10.8	8.6	12.8



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





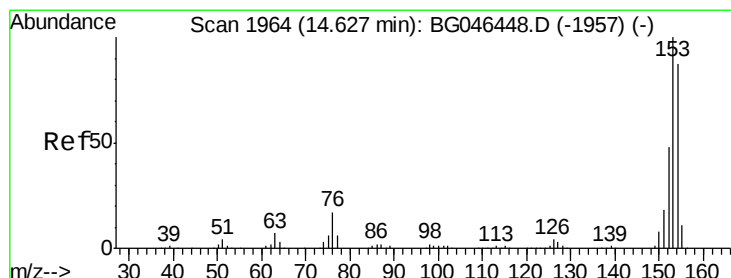
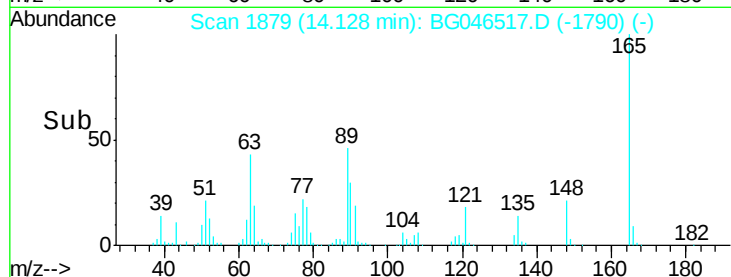
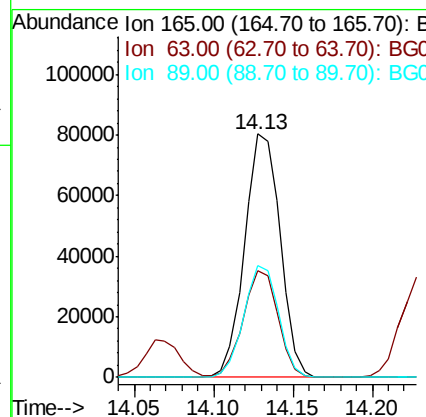
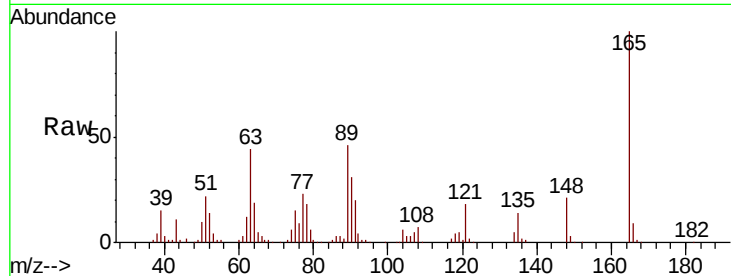
#51
 2,6-Dinitrotoluene
 Concen: 36.851 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Instrument :
 BNA_G
 ClientSampleID :
 PB131395BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	125137		
63	43.9	34.2	51.4	
89	45.7	37.0	55.4	

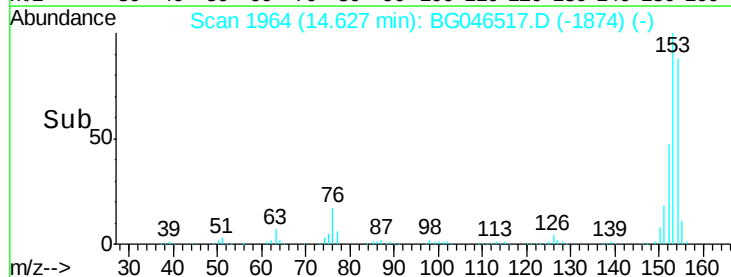
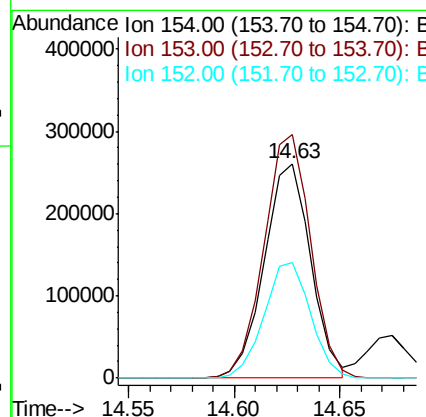
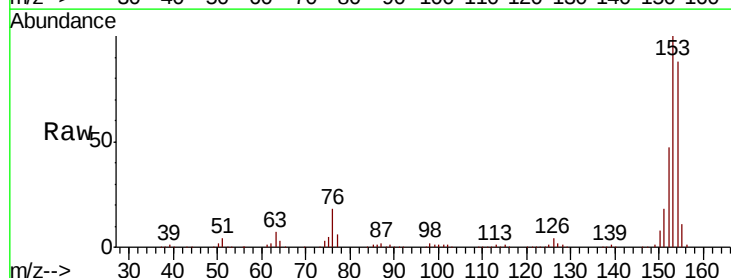
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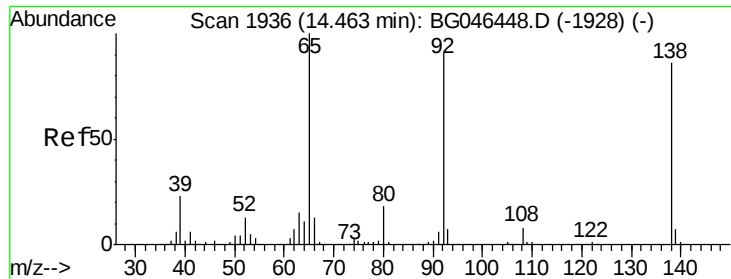
mohammad
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#52
 Acenaphthene
 Concen: 36.180 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	399471		
153	113.6	91.9	137.9	
152	53.7	43.8	65.6	





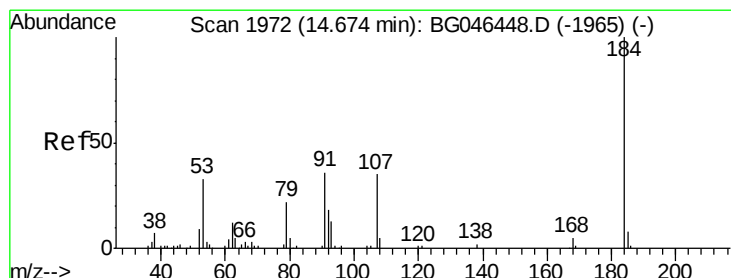
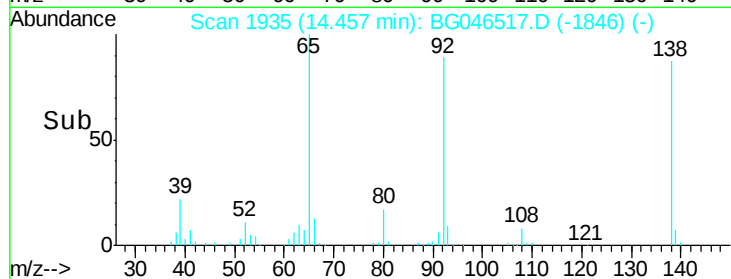
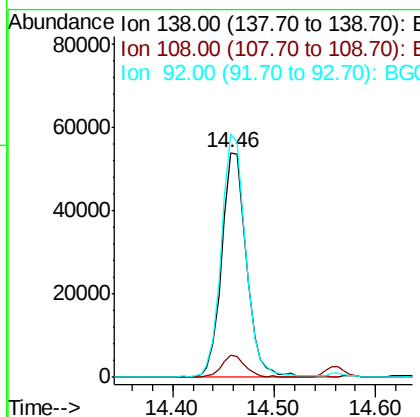
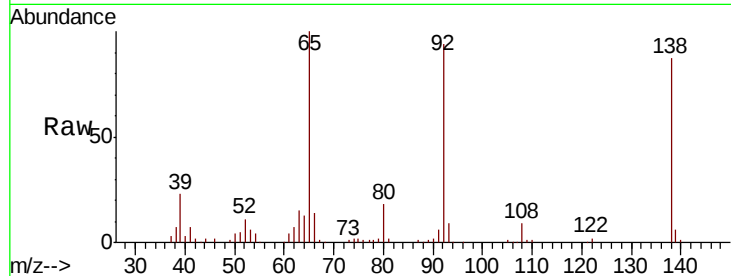
#53
3-Nitroaniline
Concen: 25.005 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.0	10.6
92	108.5	84.6	127.0

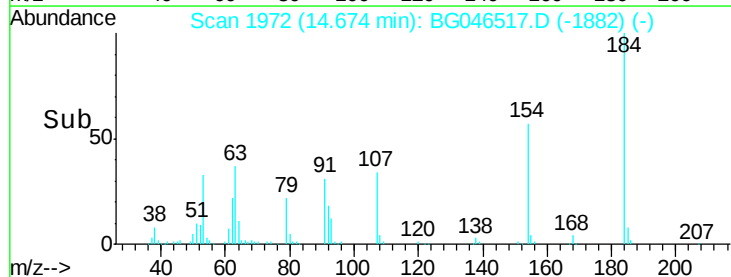
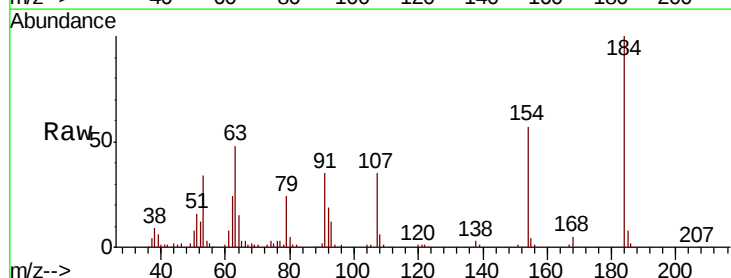
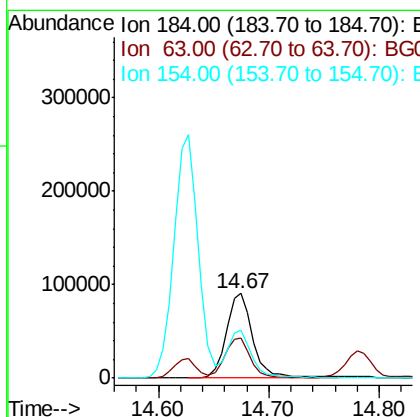
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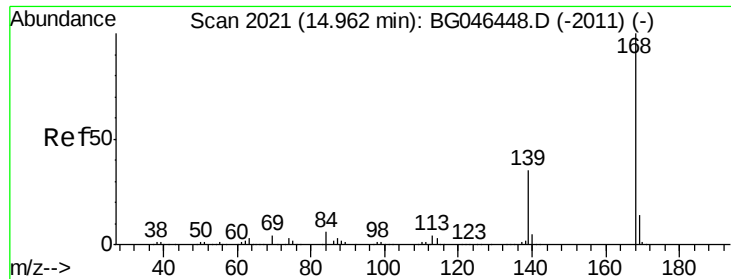
mohammad
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#54
2,4-Dinitrophenol
Concen: 76.811 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.0	35.6	53.4
154	57.3	44.3	66.5





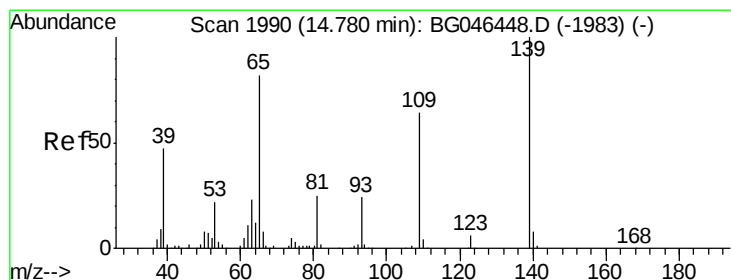
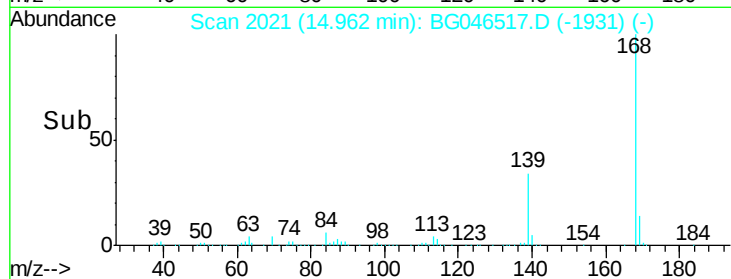
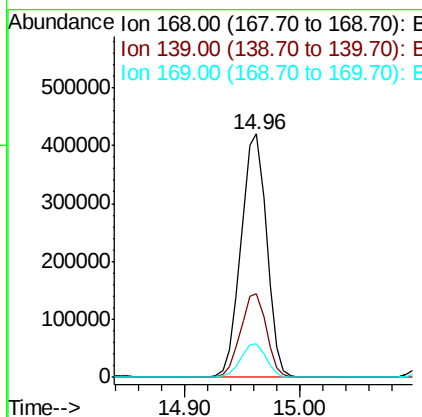
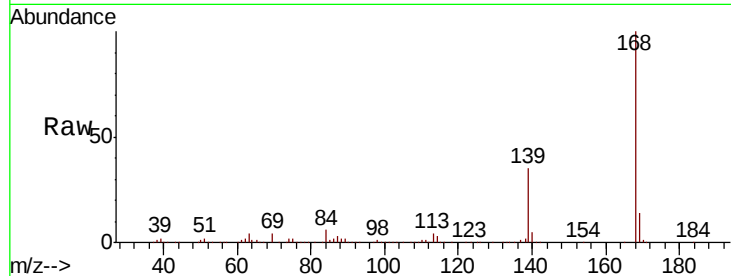
#55
Dibenzenofuran
Concen: 36.621 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	648899		
139	34.6	28.1	42.1	
169	13.7	11.5	17.3	

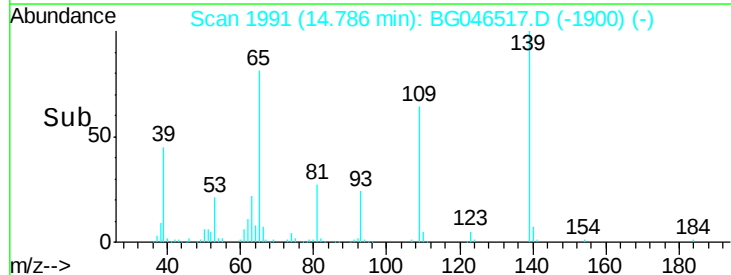
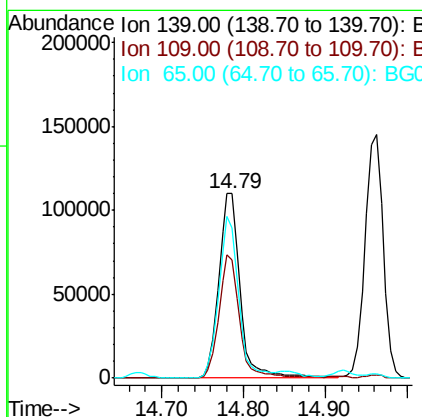
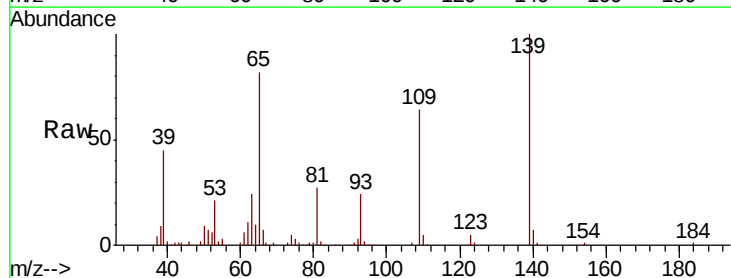
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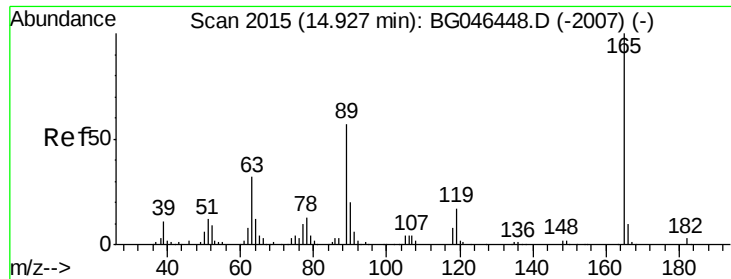
mohammad
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#56
4-Nitrophenol
Concen: 74.260 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	201029		
109	64.3	44.3	84.3	
65	81.6	61.5	101.5	





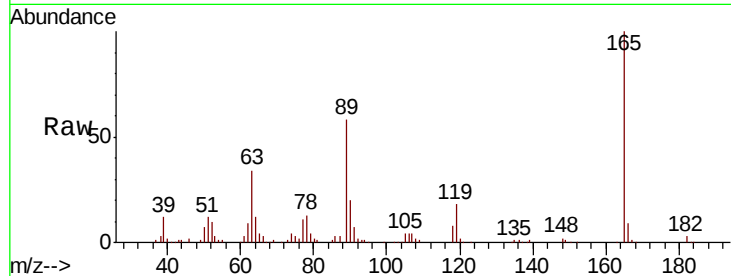
#57
2,4-Dinitrotoluene
Concen: 36.440 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

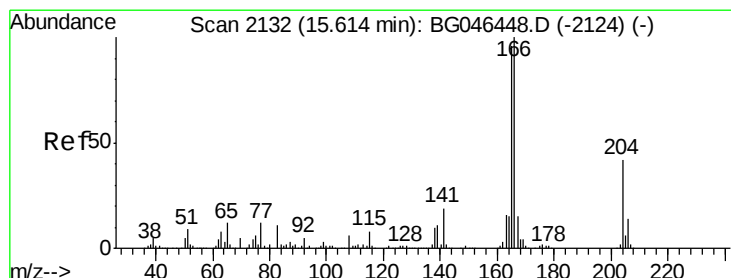
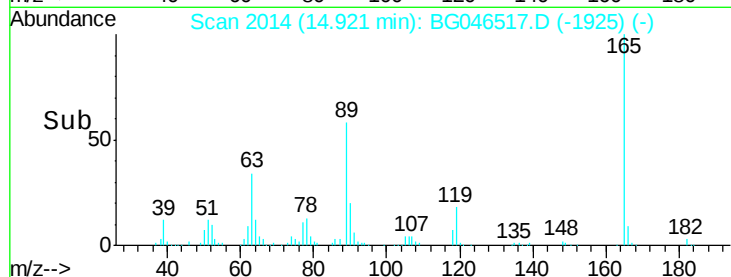
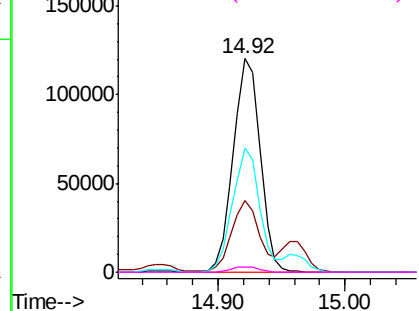
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		176444		
63	33.5	25.4	38.0		
89	57.9	45.9	68.9		
182	2.6	2.3	3.5		

Manual Integrations
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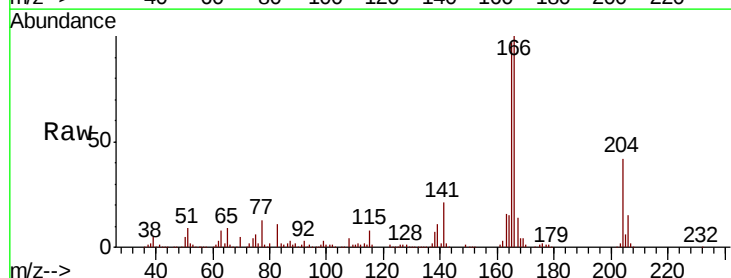


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

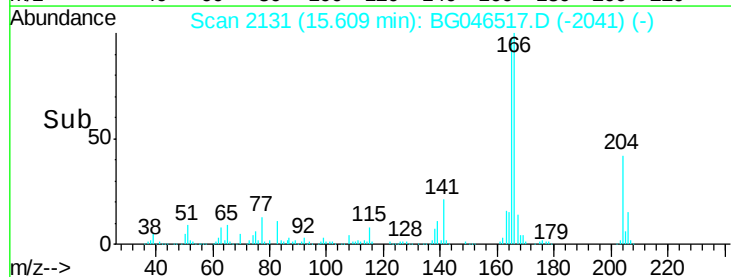
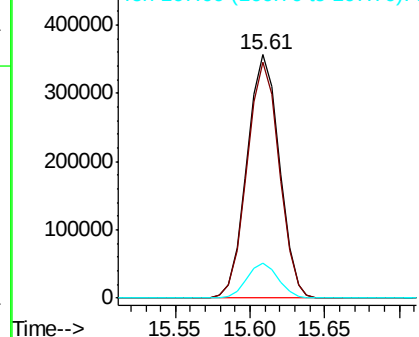


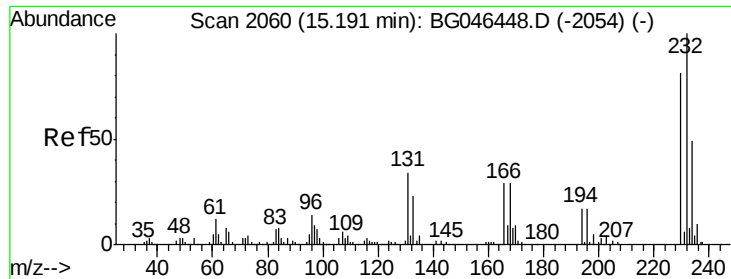
#58
Fluorene
Concen: 36.002 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		535424		
165	96.9	77.0	115.4		
167	14.2	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





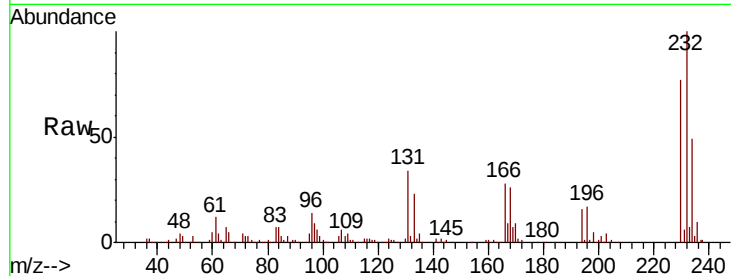
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.613 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Instrument :
 BNA_G
 ClientSampleId :
 PB131395BS

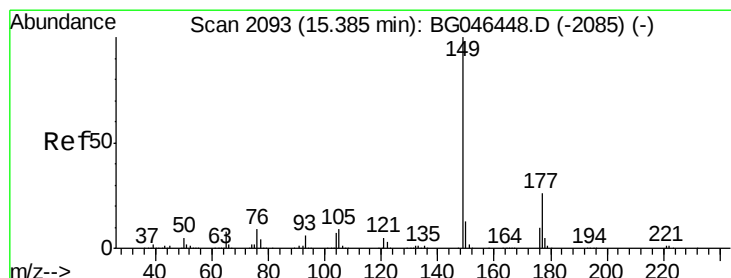
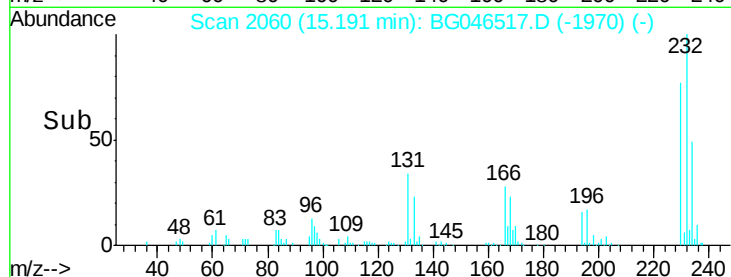
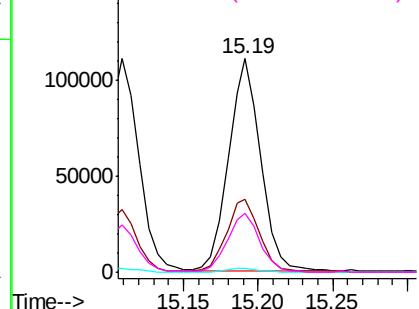
Tot Ion	Ratio	Resp	Lower	Upper
232	100	165526		
131	36.4	26.8	40.2	
130	2.0	1.4	2.2	
166	27.9	22.8	34.2	

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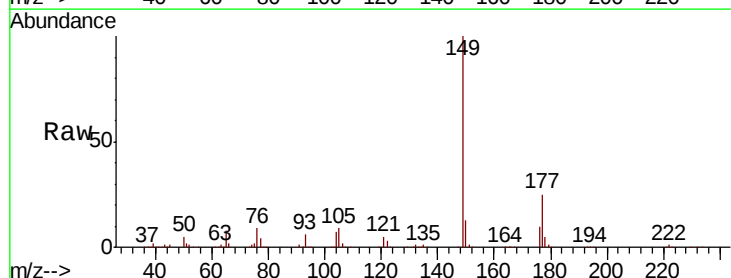


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

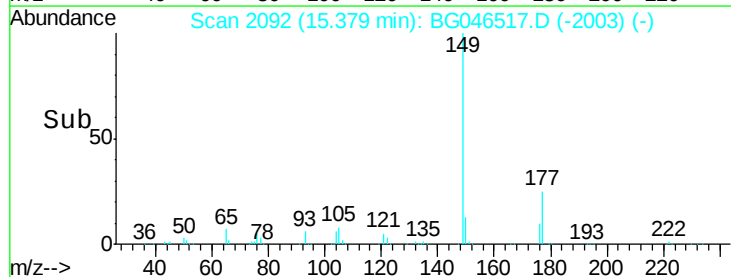
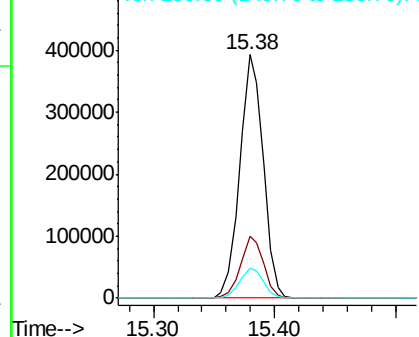


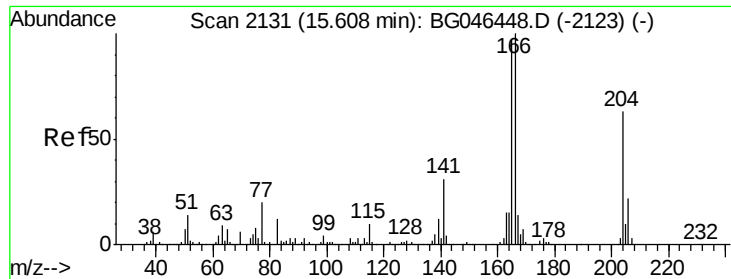
#60
 Diethylphthalate
 Concen: 35.351 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	530969		
177	25.2	20.6	30.8	
150	12.5	10.3	15.5	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





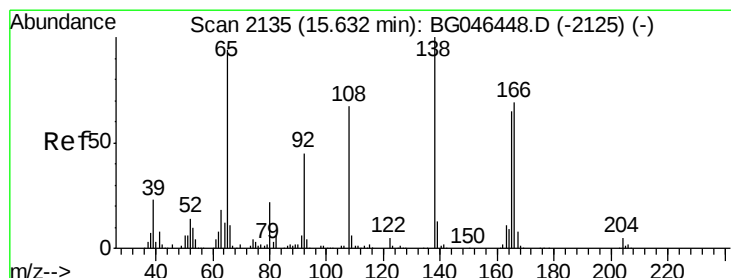
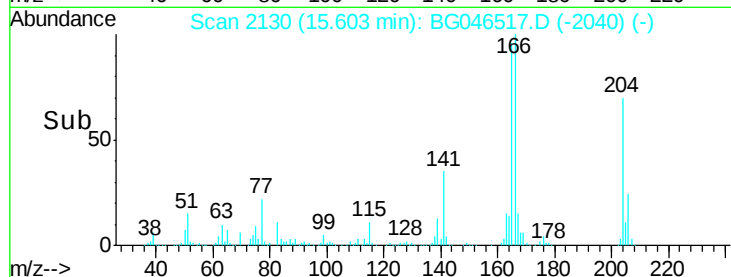
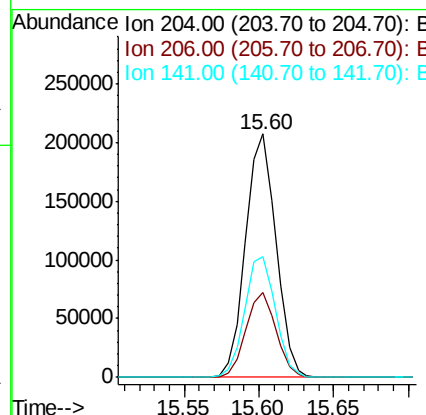
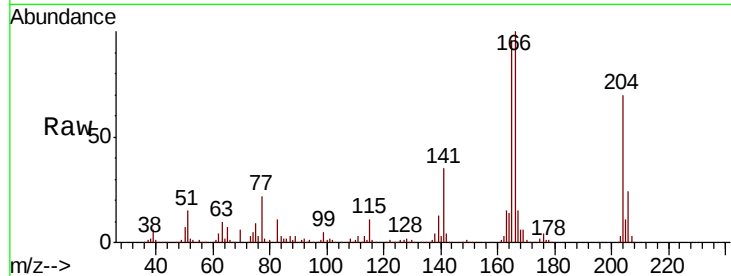
#61
4-Chlorophenyl-phenylether
Concen: 35.650 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	291994		
206	34.9	27.7	41.5	
141	49.7	38.7	58.1	

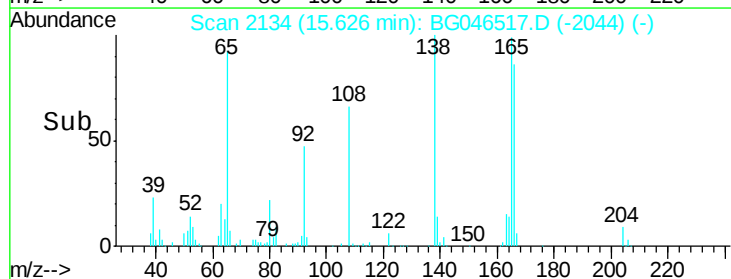
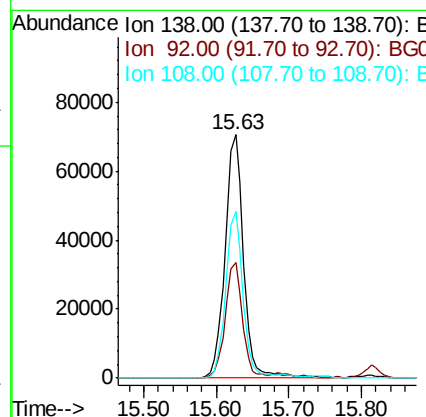
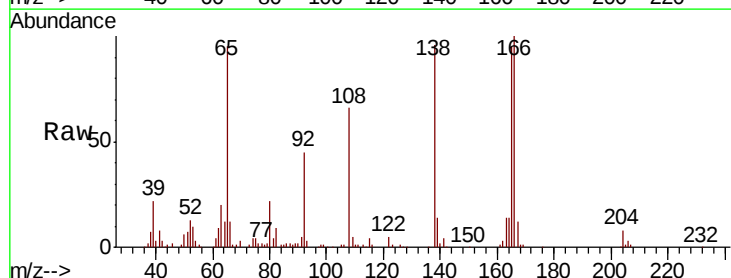
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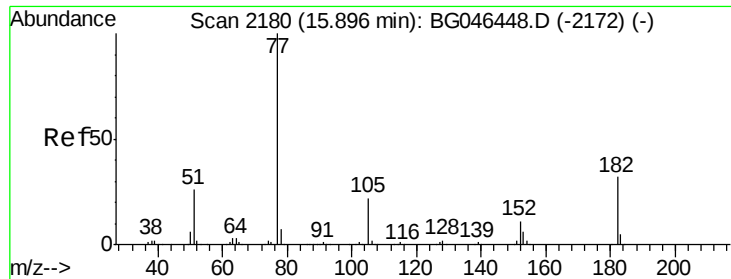
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#62
4-Nitroaniline
Concen: 32.439 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	125903		
92	47.3	25.3	65.3	
108	68.7	46.7	86.7	





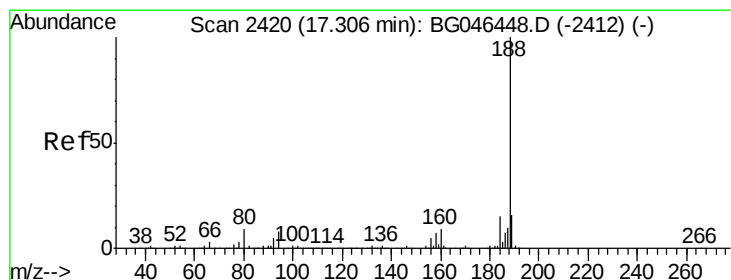
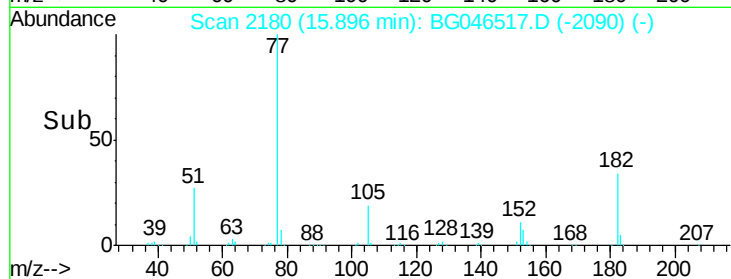
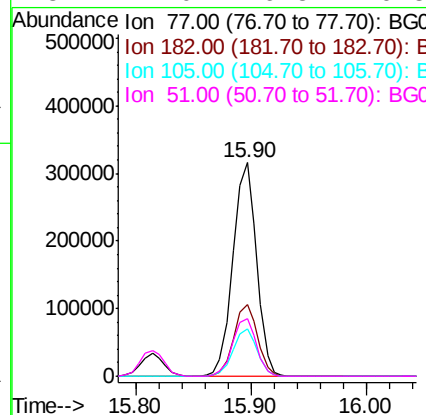
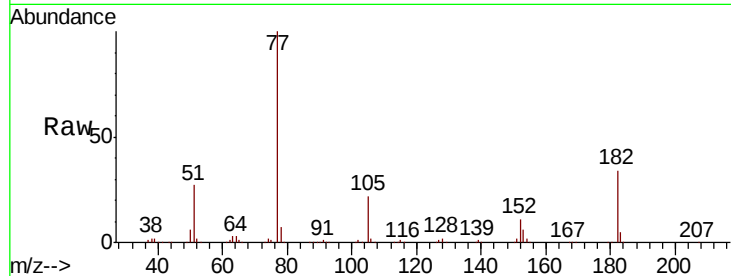
#63
Azobenzene
Concen: 36.570 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	446797		
182	33.5	12.3	52.3	
105	22.1	2.3	42.3	
51	27.0	6.5	46.5	

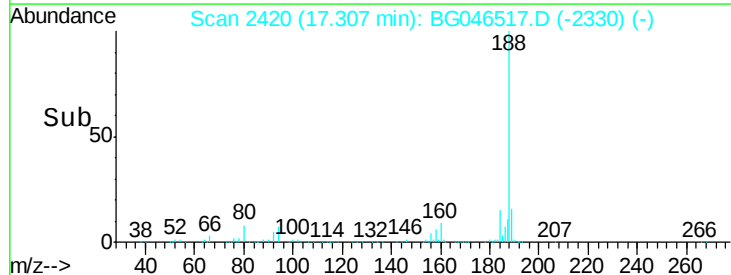
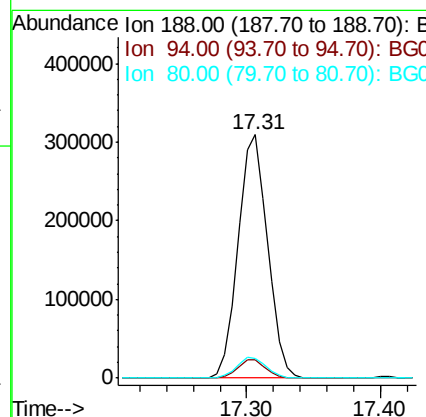
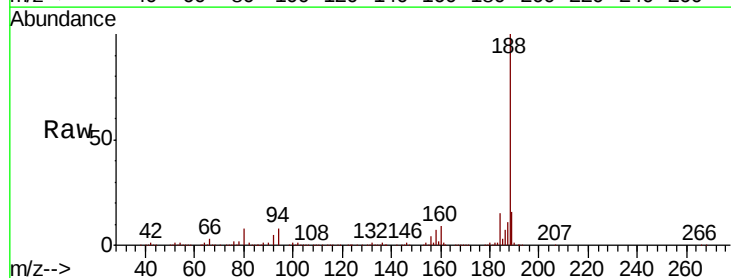
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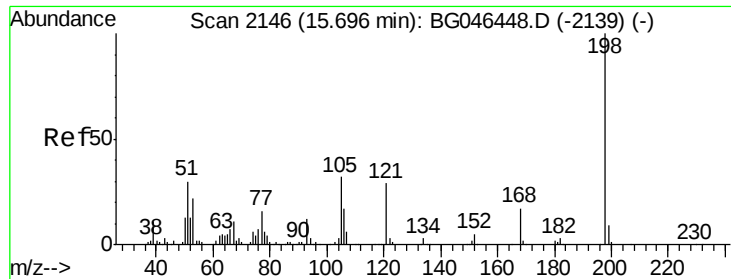
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	473289		
94	7.5	6.3	9.5	
80	8.0	6.9	10.3	





#65

4,6-Dinitro-2-methylphenol

Concen: 42.302 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

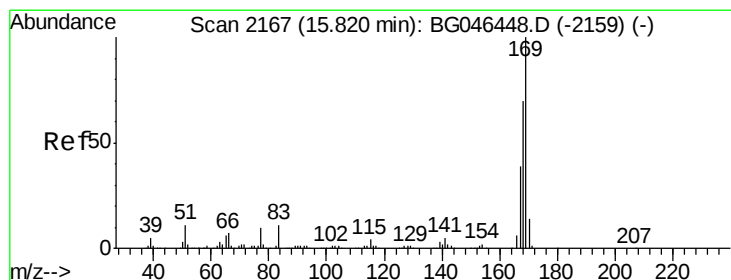
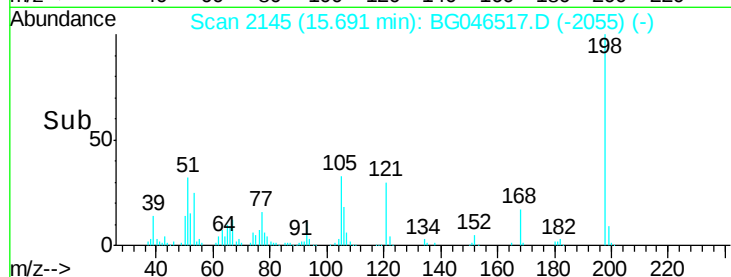
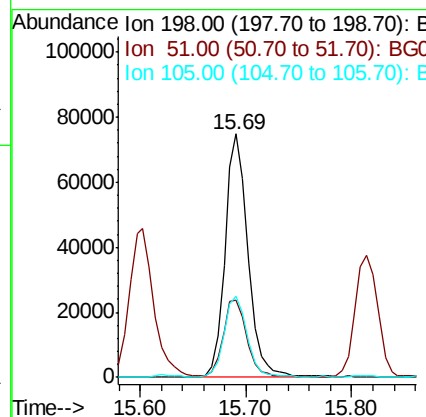
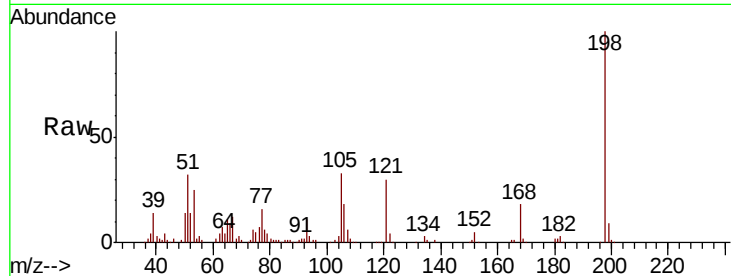
ClientSampled :

PB131395BS

Tot Ion:	198	Resp:	113321
Ion Ratio	Lower	Upper	
198	100		
51	31.9	10.4	50.4
105	33.4	12.4	52.4

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#66

n-Nitrosodiphenylamine

Concen: 37.744 ng

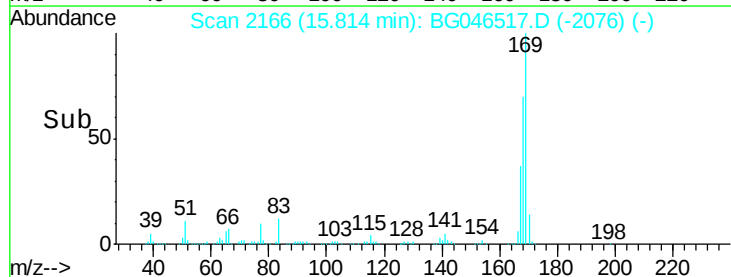
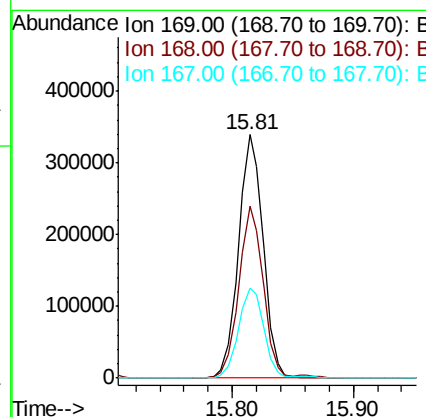
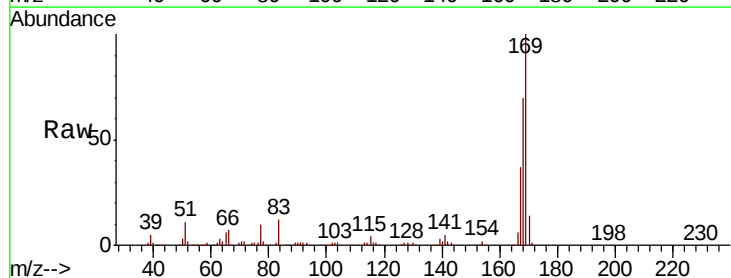
RT: 15.81 min Scan# 2166

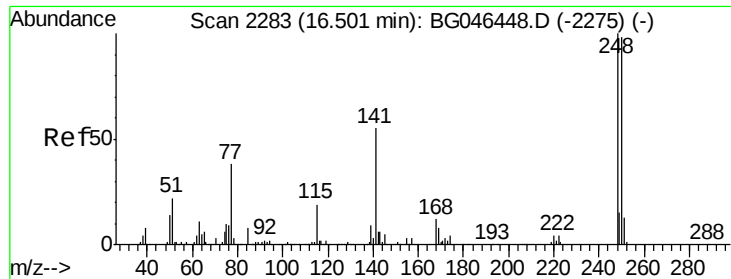
Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Tgt Ion:	169	Resp:	481929
Ion Ratio	Lower	Upper	
169	100		
168	70.4	55.8	83.8
167	37.1	31.0	46.6





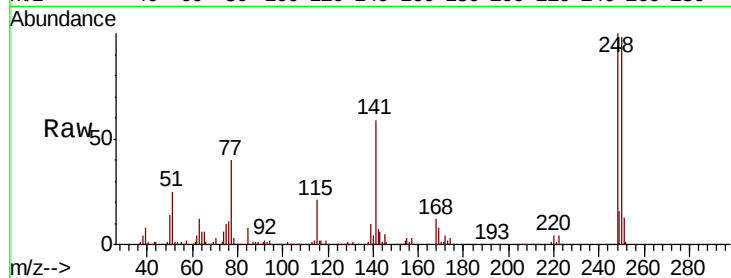
#67
4-Bromophenyl-phenylether
Concen: 36.336 ng
RT: 16.50 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.6	118.0
141	59.4	43.9	65.9

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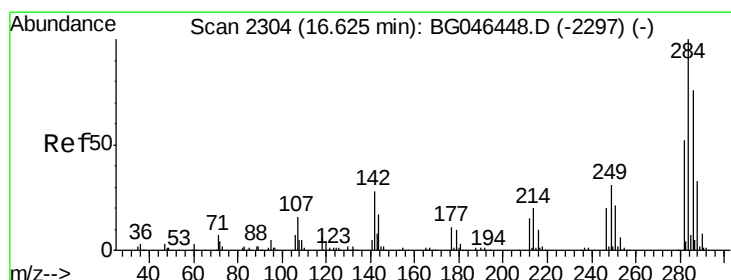
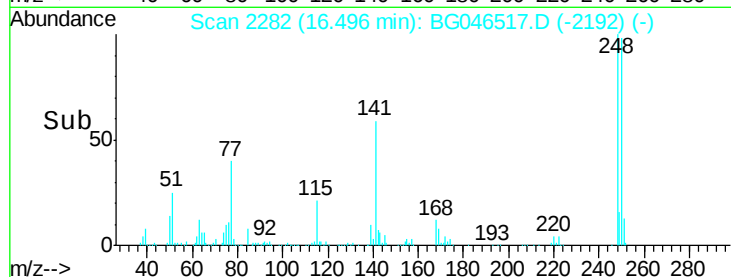
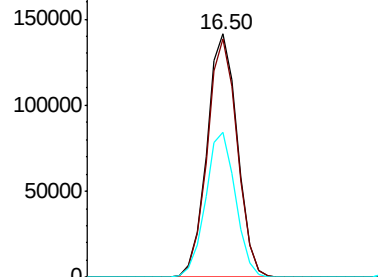


Abundance

Ion 248.00 (247.70 to 248.70): E

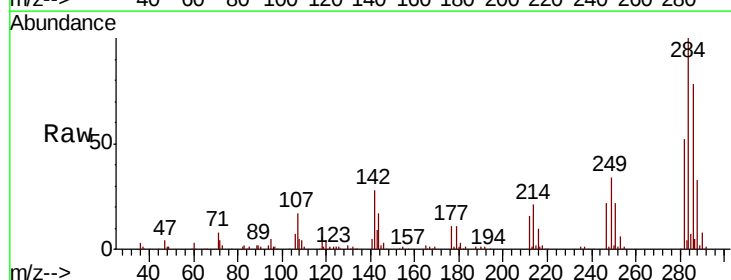
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.706 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.0	22.3	33.5
249	33.6	24.8	37.2

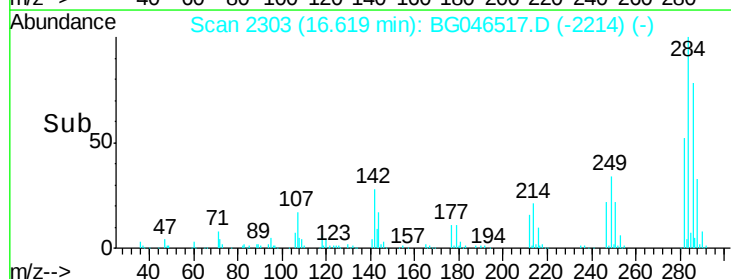
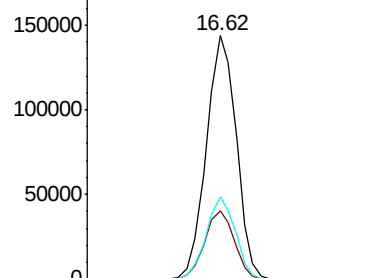


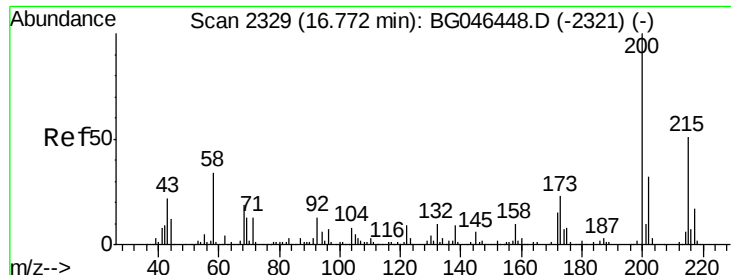
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 33.914 ng

RT: 16.77 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

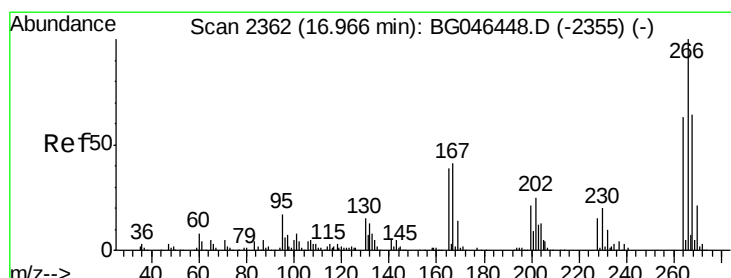
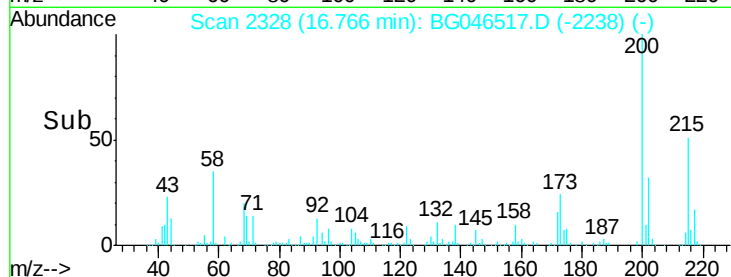
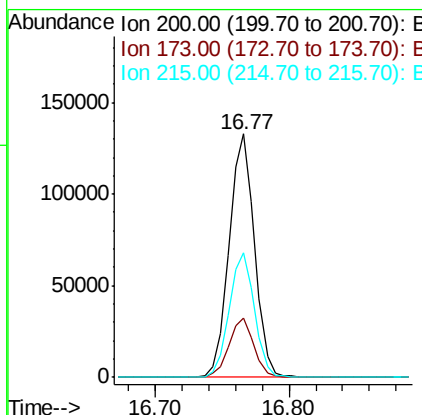
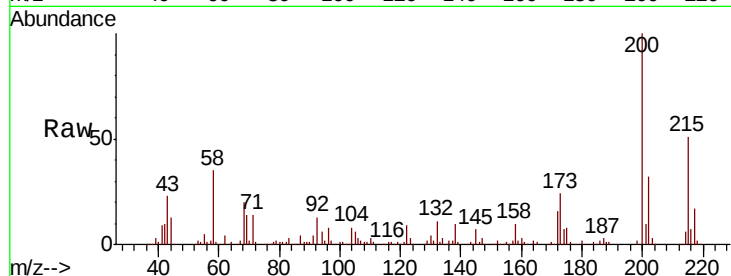
ClientSampleId :

PB131395BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	176654		
173	24.4	3.3	43.3	
215	51.4	30.9	70.9	

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#70

Pentachlorophenol

Concen: 79.223 ng

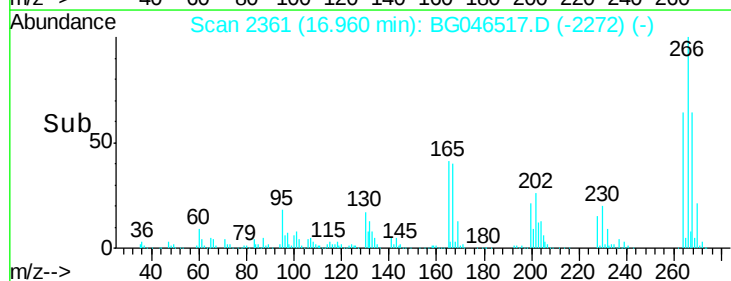
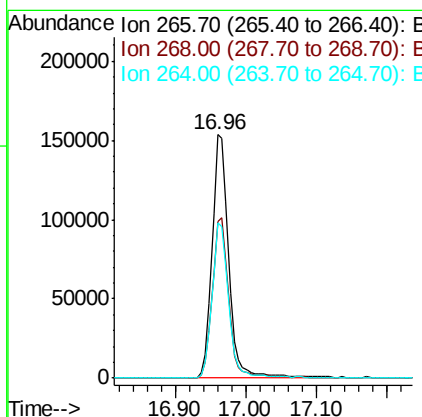
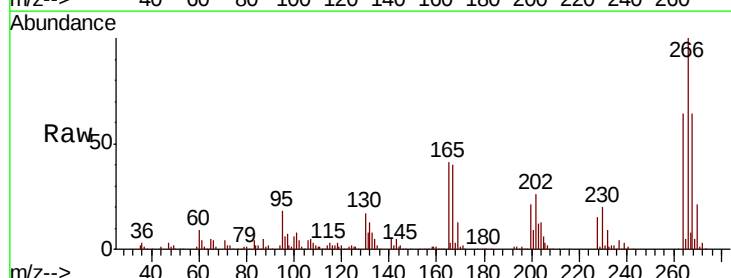
RT: 16.96 min Scan# 2361

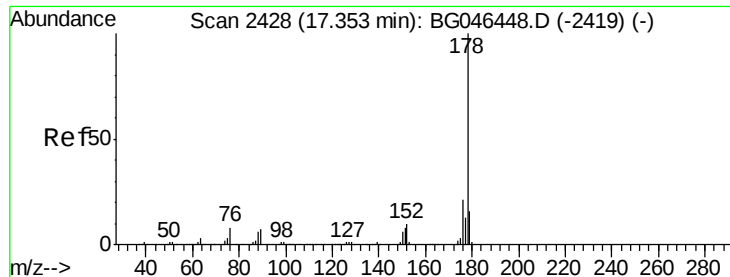
Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	253124		
268	64.1	51.1	76.7	
264	63.9	50.2	75.2	





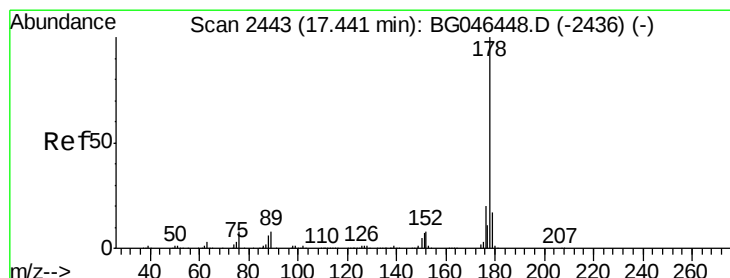
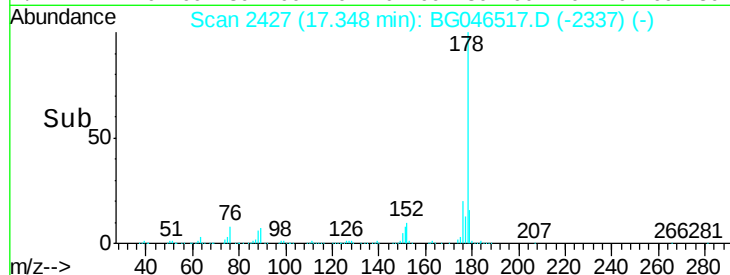
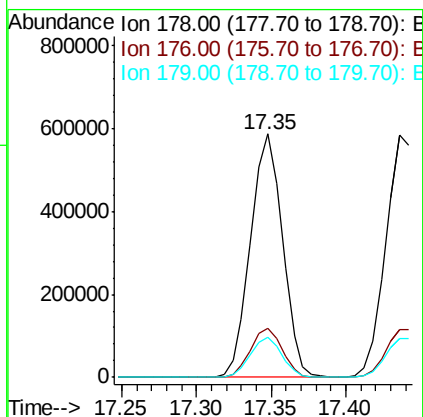
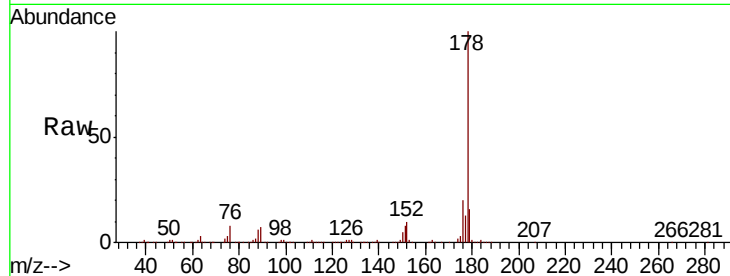
#71
Phenanthrene
Concen: 36.379 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.8	25.2
179	16.3	13.2	19.8

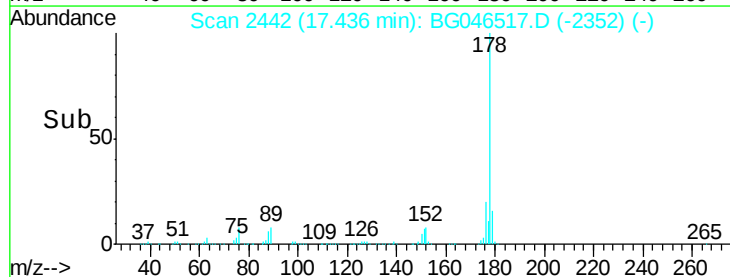
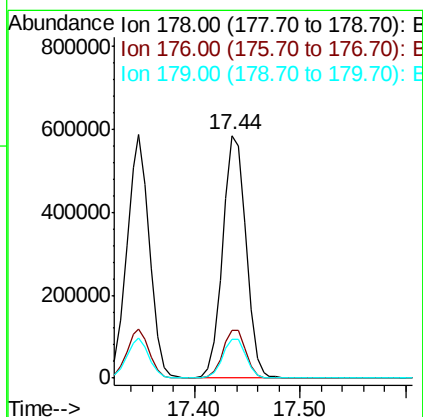
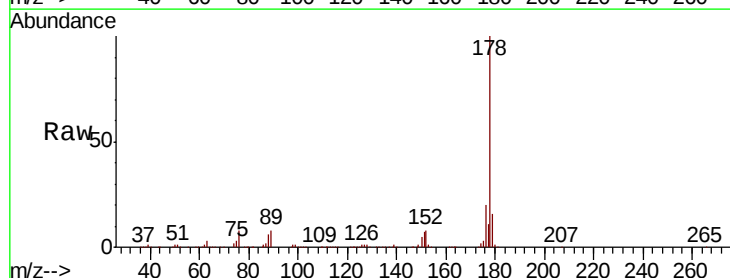
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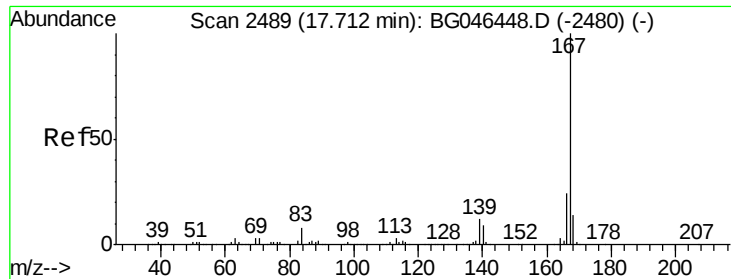
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#72
Anthracene
Concen: 37.867 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.1	24.1
179	16.2	13.3	19.9





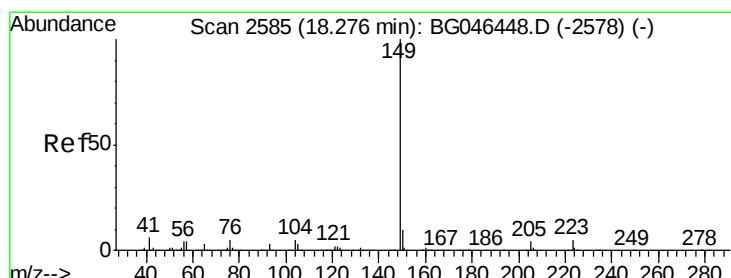
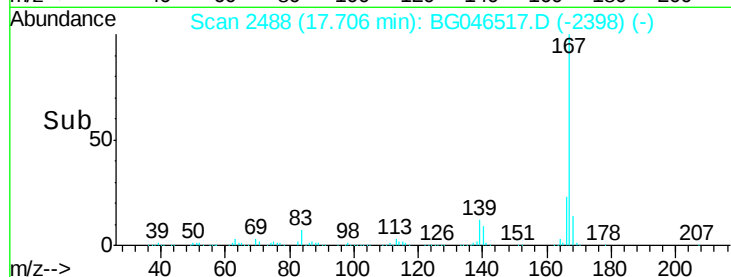
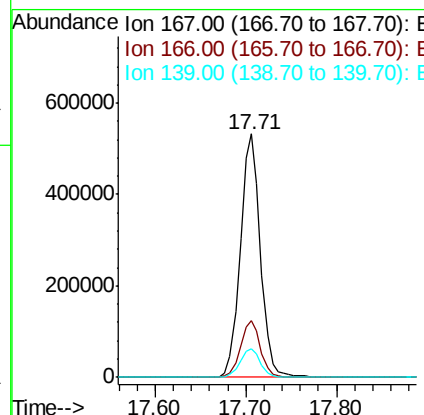
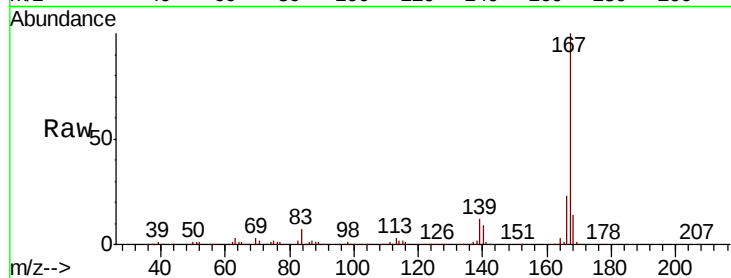
#73
 Carbazole
 Concen: 36.781 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Instrument :
 BNA_G
 ClientSampleId :
 PB131395BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.3	28.9
139	11.7	9.7	14.5

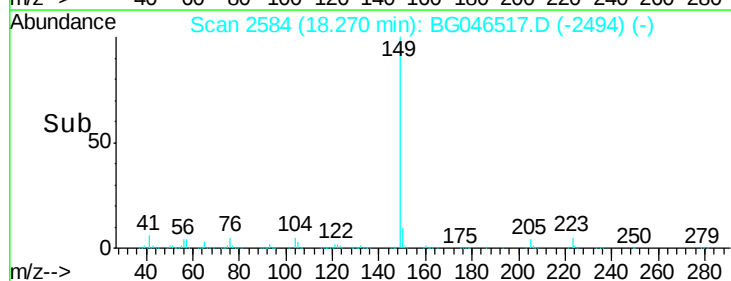
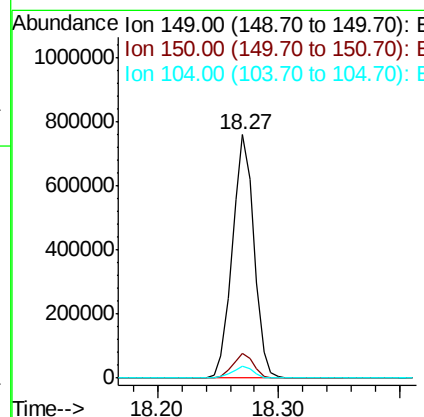
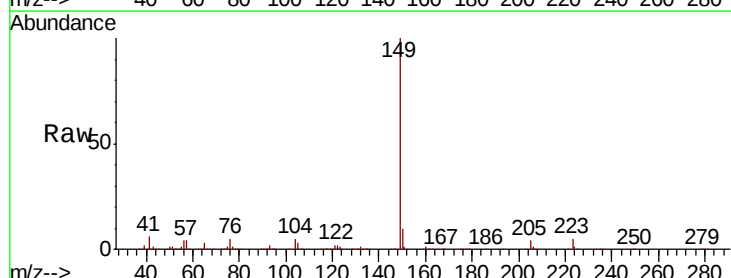
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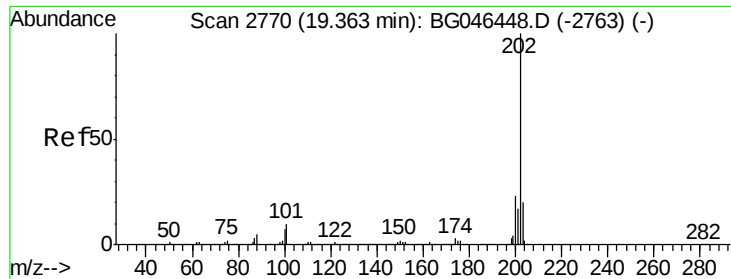
mohammad
 9/4/2020 1:54:43 PM



#74
 Di-n-butylphthalate
 Concen: 36.746 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.1	12.1
104	4.9	4.0	6.0





#75

Fluoranthene

Concen: 36.935 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

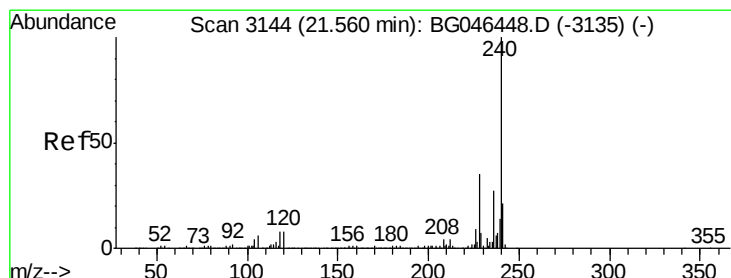
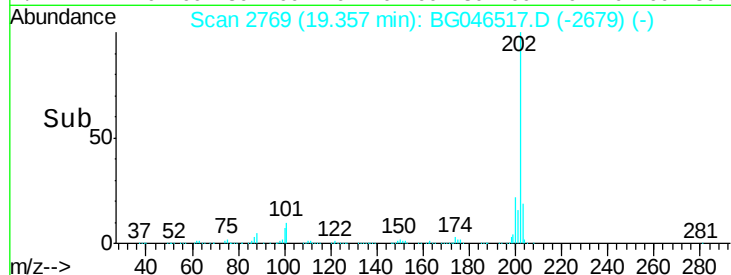
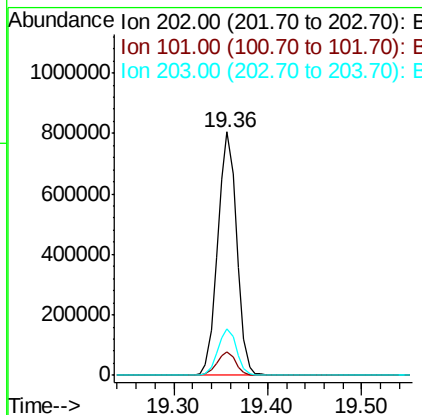
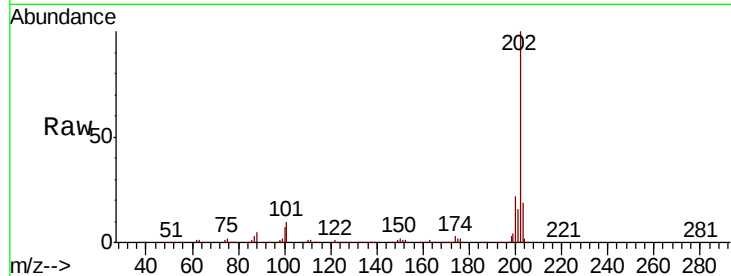
ClientSampleId :

PB131395BS

Tot Ion:	202	Resp:	1140270
Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.9
203	19.1	0.0	40.0

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#76

Chrysene-d12

Concen: 20.000 ng

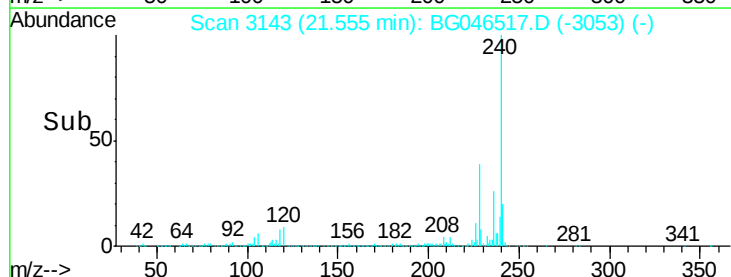
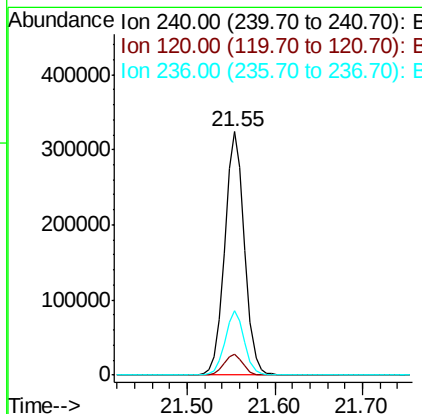
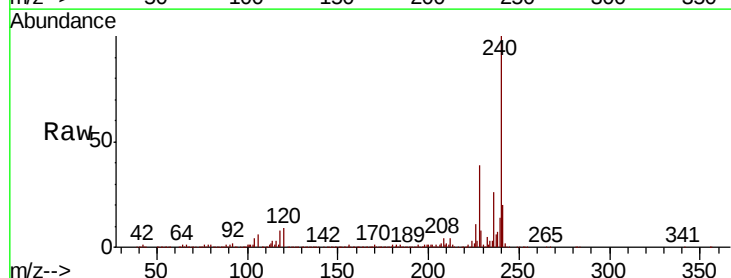
RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Tgt Ion:	240	Resp:	500914
Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.6	10.0
236	26.4	21.4	32.2





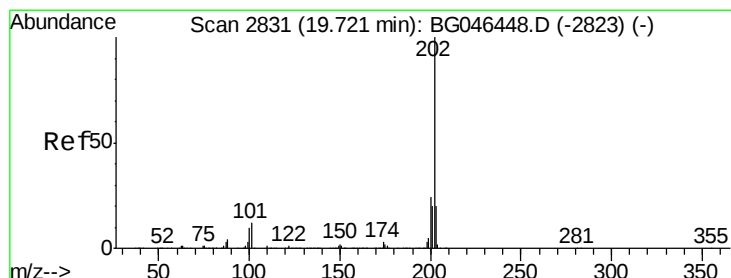
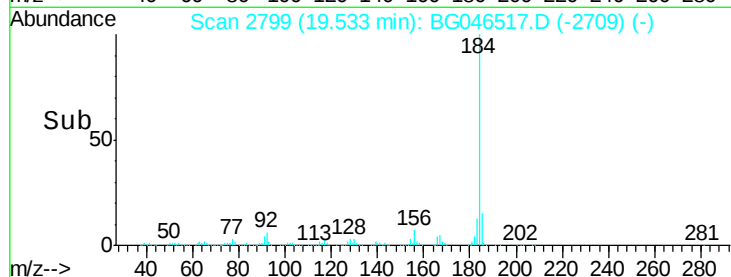
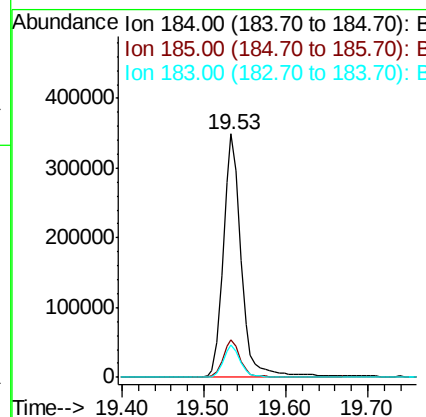
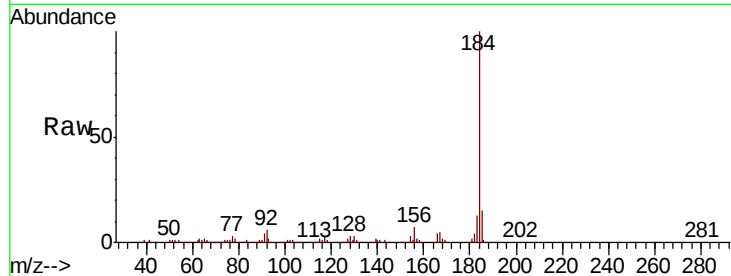
#77
Benzidine
Concen: 46.003 ng
RT: 19.53 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.2	11.8	17.8	
183	13.4	10.7	16.1	

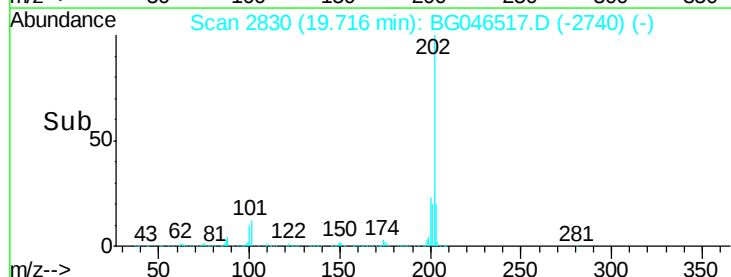
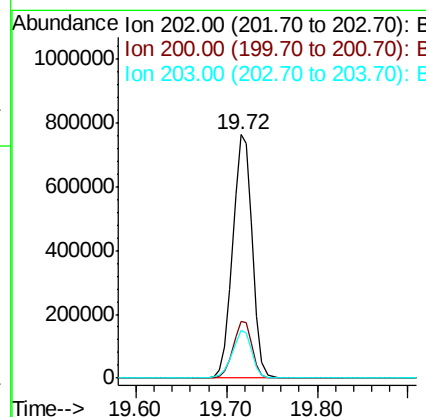
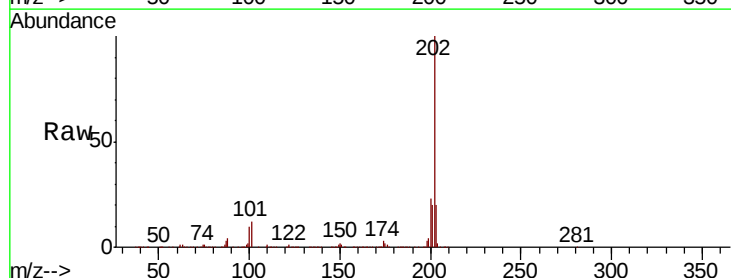
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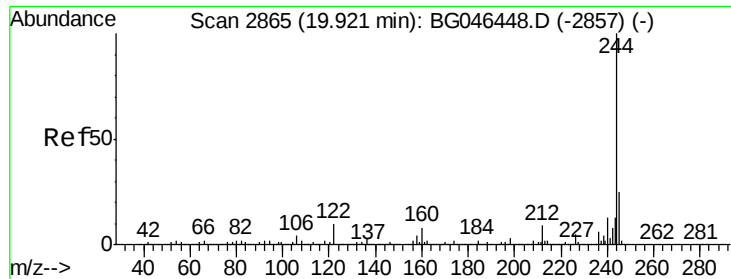
mohammad
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#78
Pyrene
Concen: 35.851 ng
RT: 19.72 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	23.2	18.9	28.3	
203	19.5	16.1	24.1	





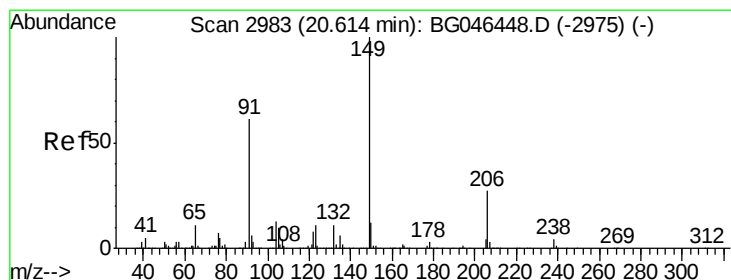
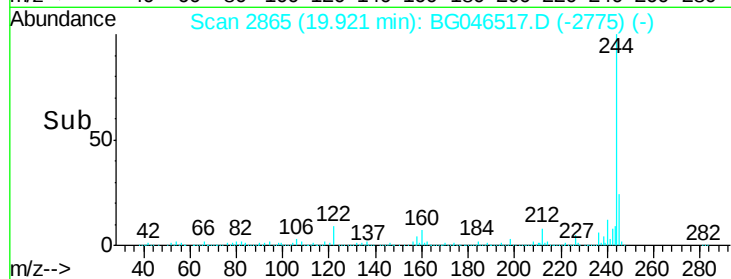
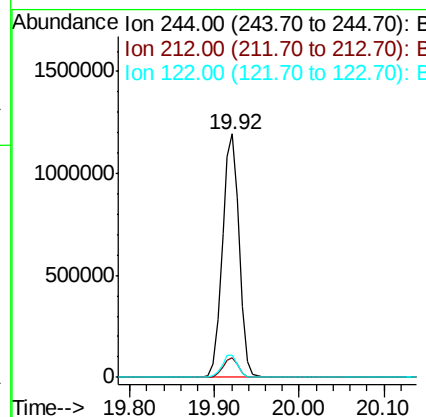
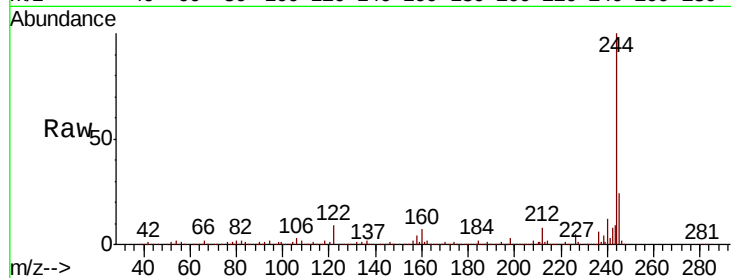
#79
 Terphenyl-d14
 Concen: 70.162 ng
 RT: 19.92 min Scan# 2865
 Delta R.T. 0.00 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Instrument :
 BNA_G
 ClientSampleId :
 PB131395BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	9.3	8.2	12.4

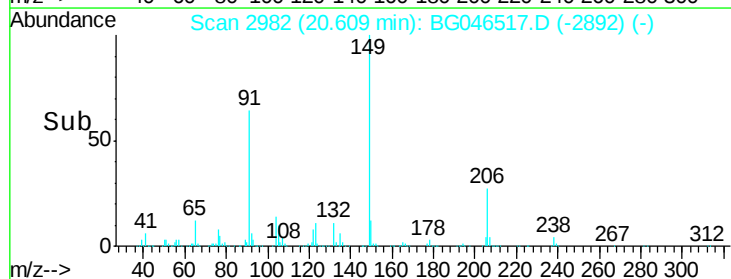
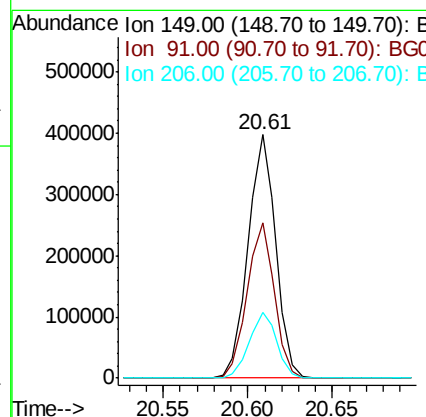
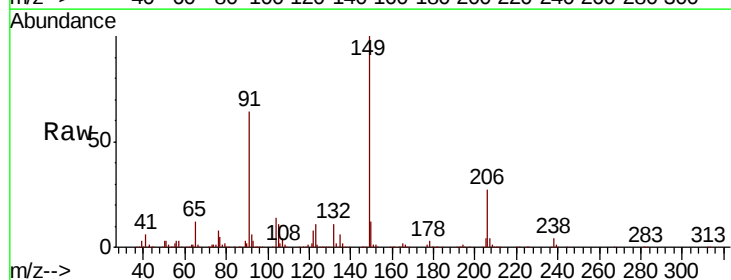
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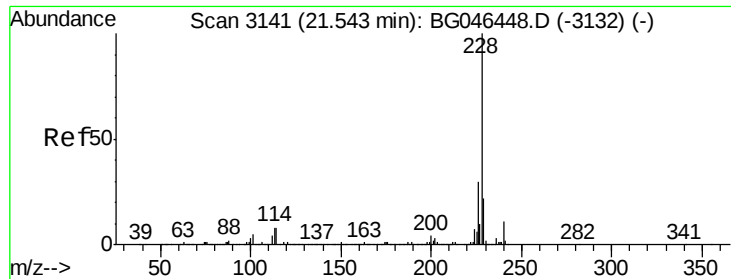
mohammad
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#80
 Butylbenzylphthalate
 Concen: 36.431 ng
 RT: 20.61 min Scan# 2982
 Delta R.T. 0.00 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.0	49.1	73.7
206	26.8	21.9	32.9





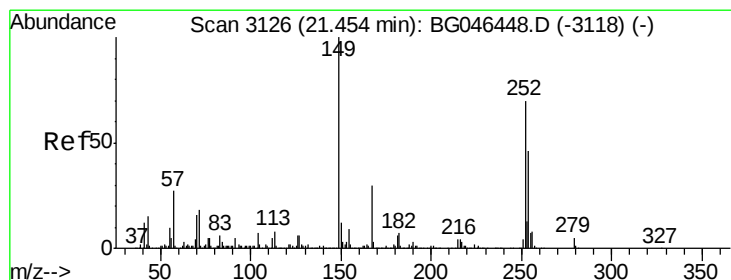
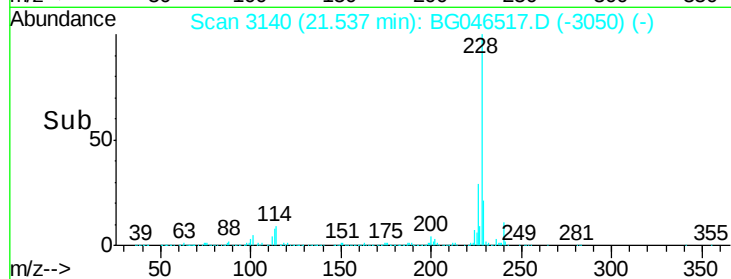
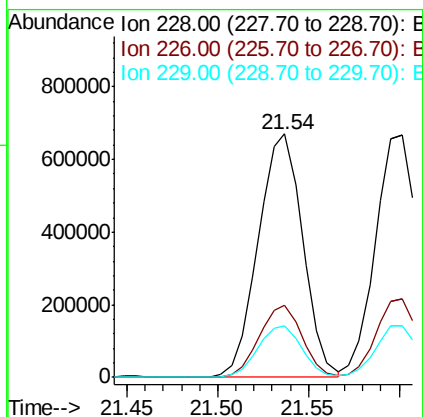
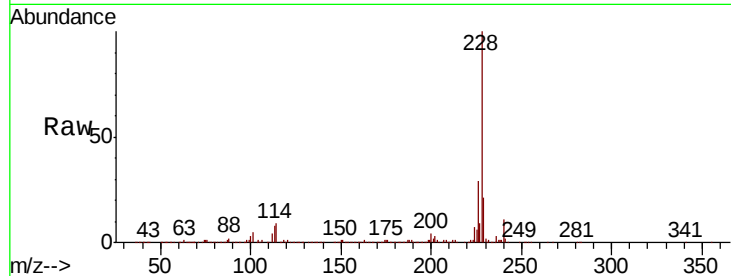
#81
Benzo(a)anthracene
Concen: 36.549 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.4
229	21.4	17.4	26.2

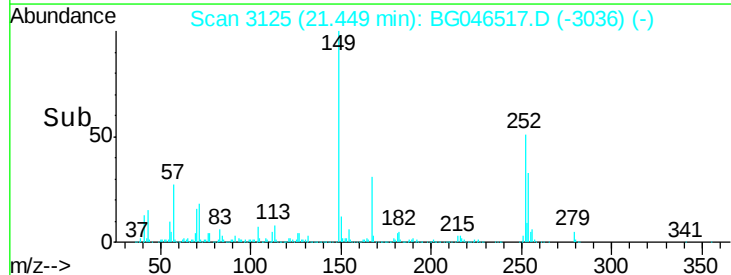
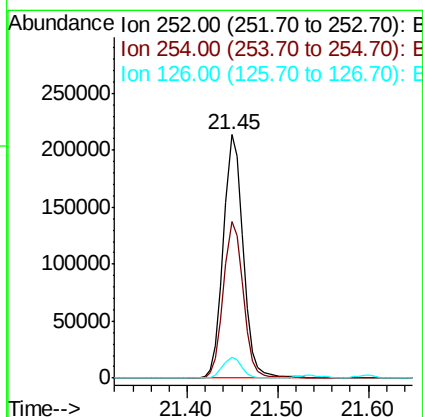
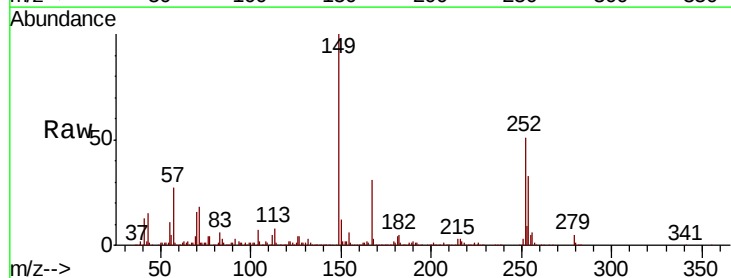
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#82
3,3'-Dichlorobenzidine
Concen: 28.009 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.9	77.9
126	8.6	7.4	11.0





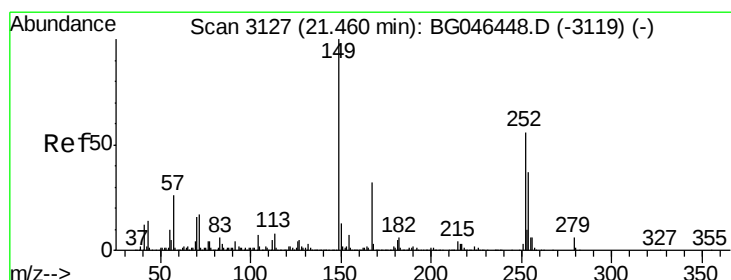
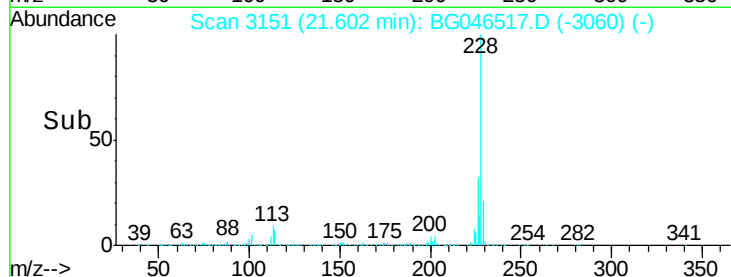
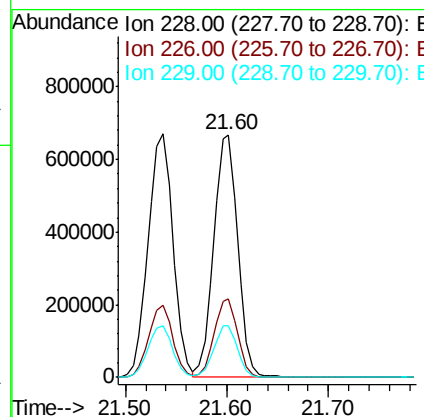
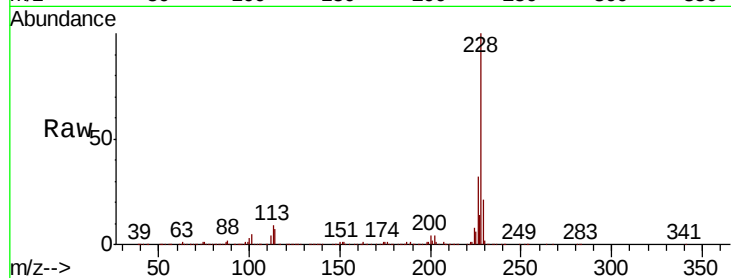
#83
Chrysene
Concen: 36.391 ng
RT: 21.60 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	26.2	39.4
229	21.2	17.9	26.9

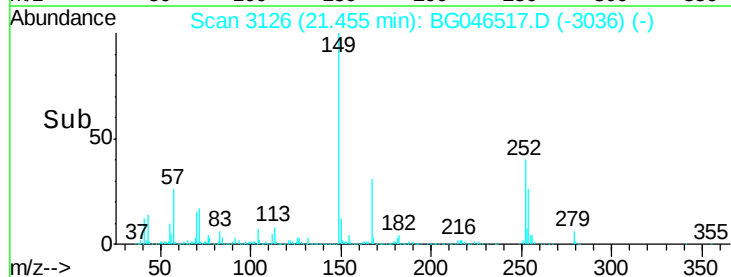
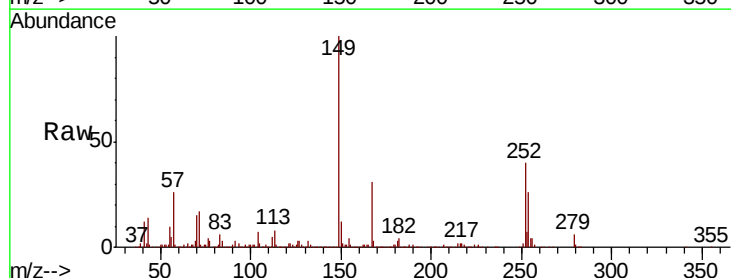
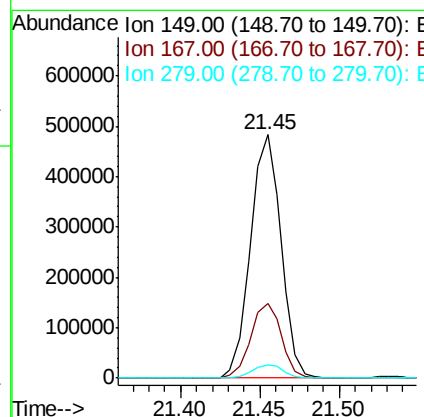
Manual Integrations
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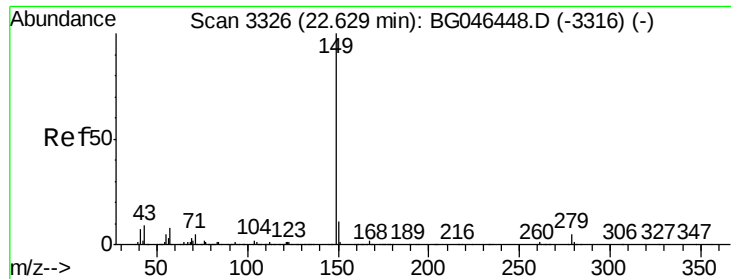
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.935 ng
RT: 21.45 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.7	25.4	38.2
279	5.5	4.5	6.7





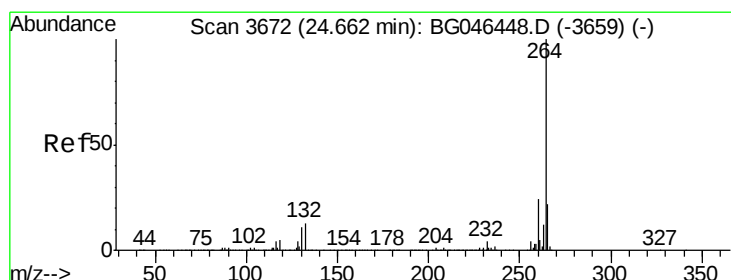
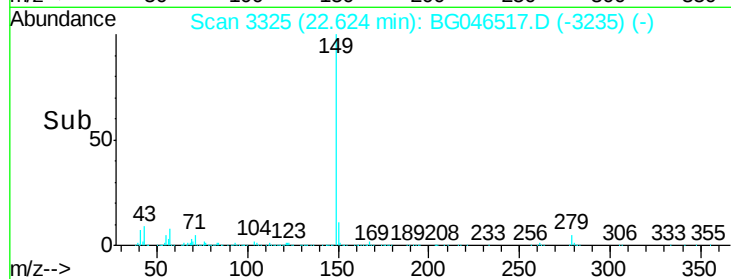
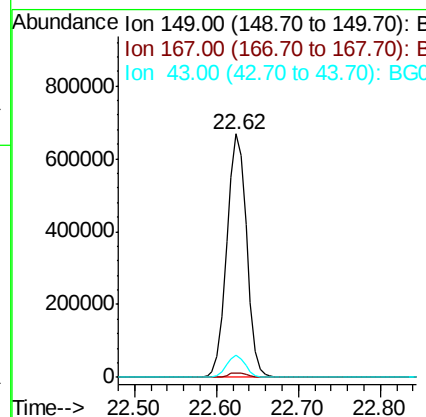
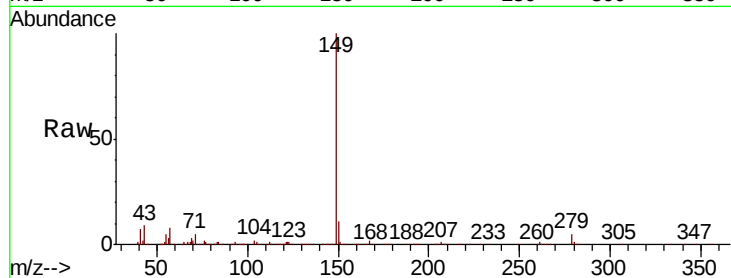
#85
Di-n-octyl phthalate
Concen: 38.543 ng
RT: 22.62 min Scan# 3325
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	8.7	7.0	10.4

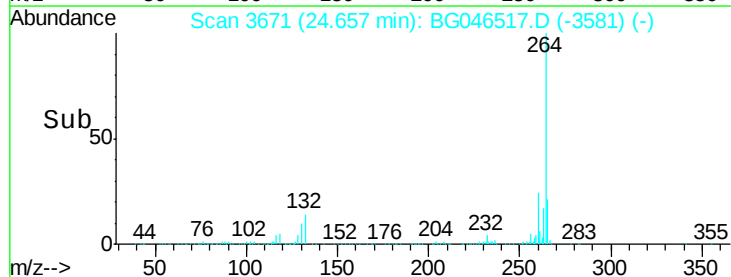
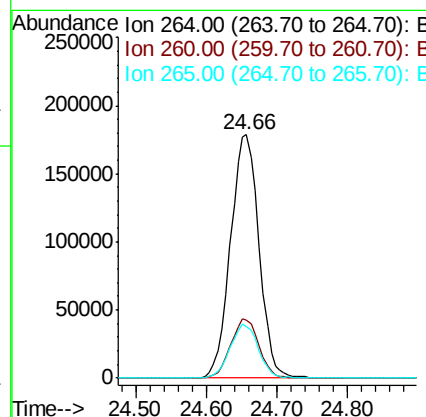
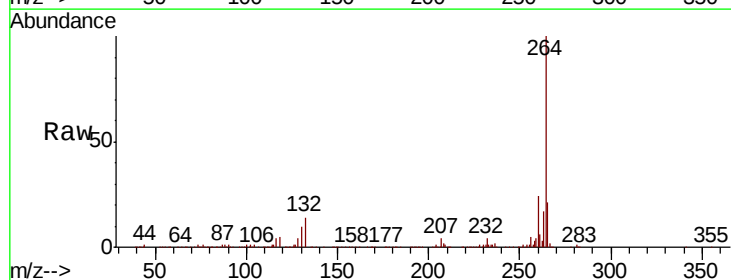
Manual Integrations
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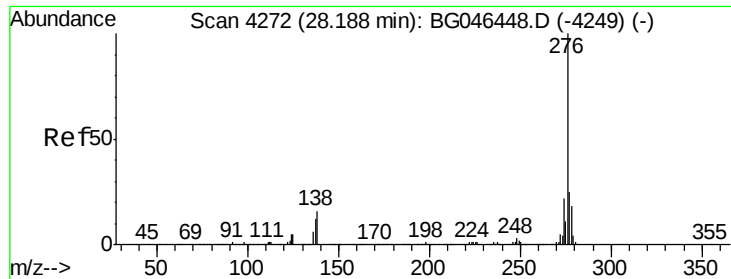
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3671
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.9	26.9





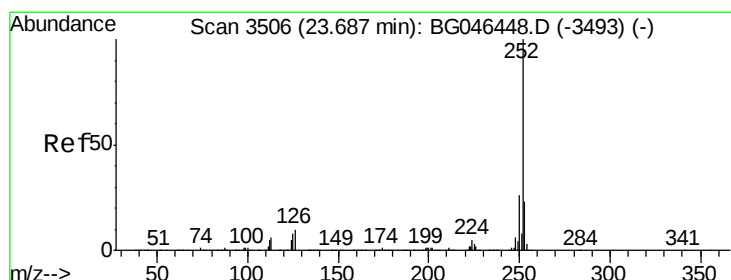
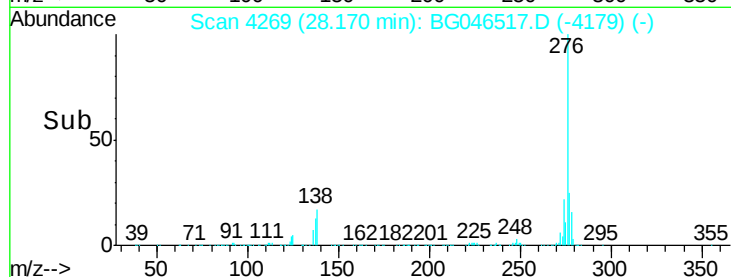
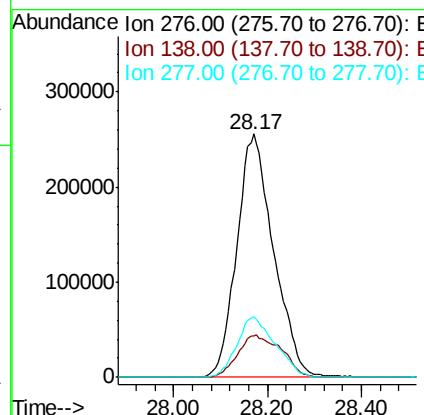
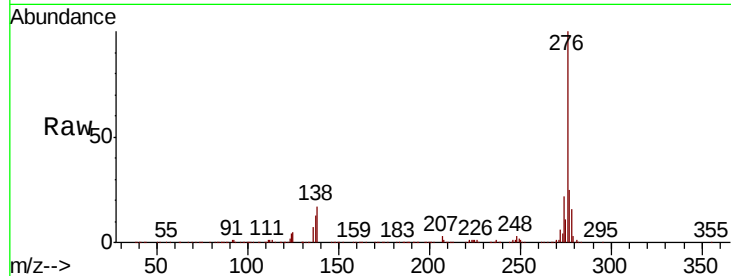
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.697 ng
 RT: 28.17 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Instrument :
 BNA_G
 ClientSampleId :
 PB131395BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.5	24.7
277	26.0	20.7	31.1

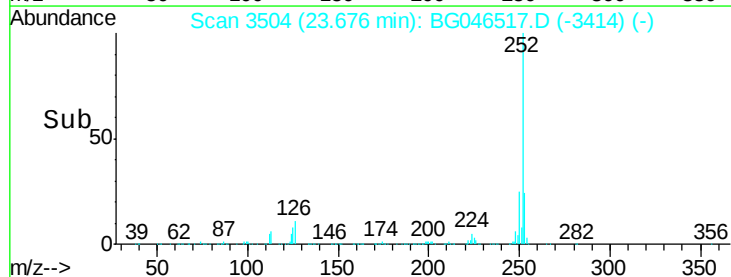
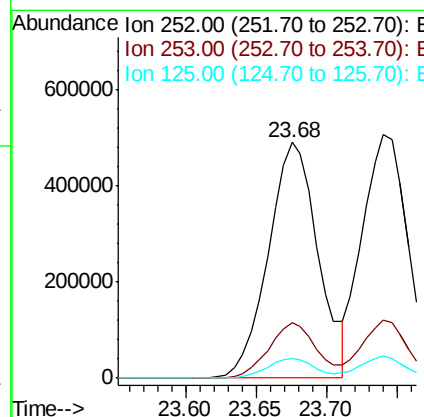
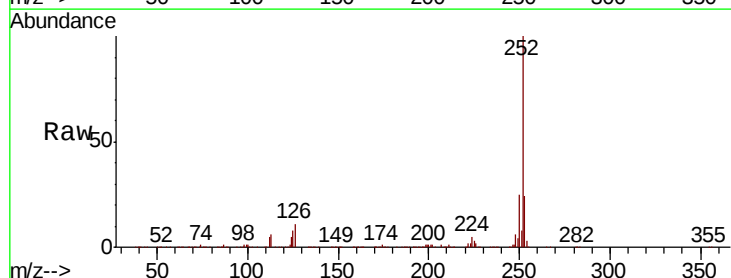
Manual Integrations
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 9/4/2020 1:54:43 PM



#88
 Benzo(b)fluoranthene
 Concen: 38.706 ng
 RT: 23.68 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	8.5	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 37.835 ng

RT: 23.74 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

Tot Ion:252 Resp: 1140299

Ion Ratio Lower Upper

252 100

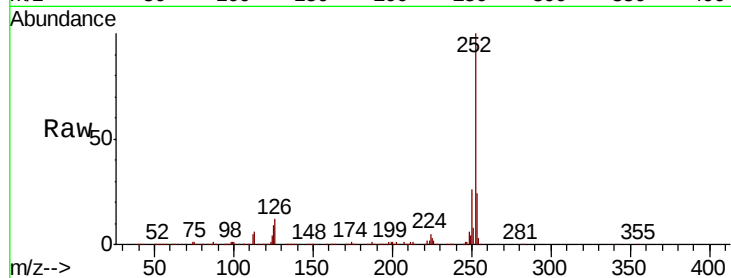
253 23.6 18.5 27.7

125 8.9 6.8 10.2

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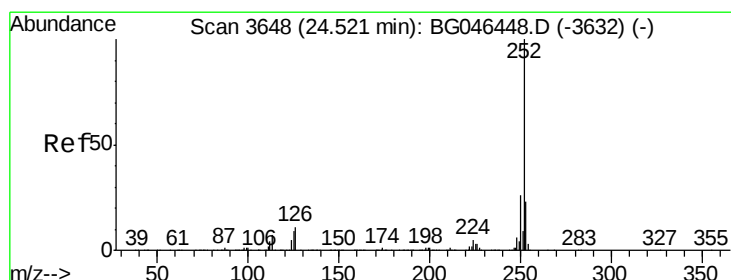
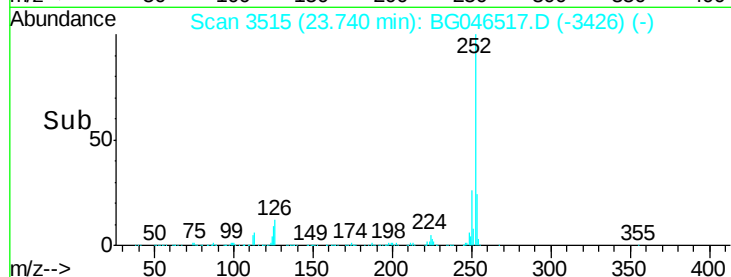
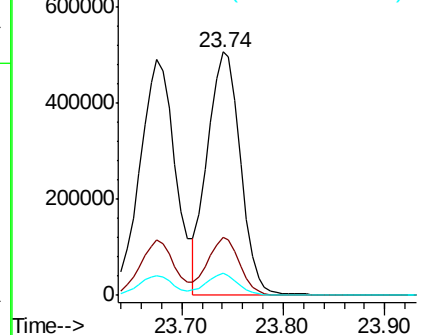
9/4/2020 1:54:43 PM



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: 37.769 ng

RT: 24.51 min Scan# 3646

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

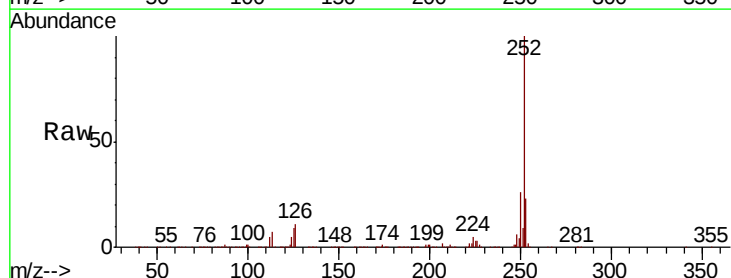
Tgt Ion:252 Resp: 1099190

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

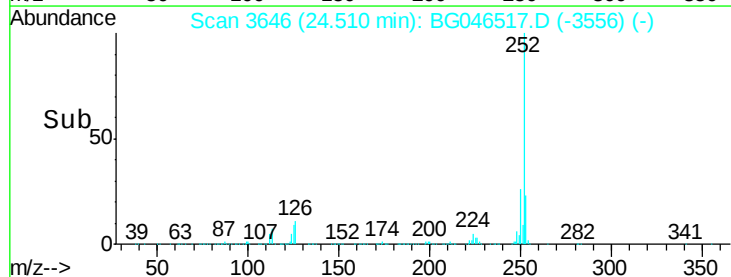
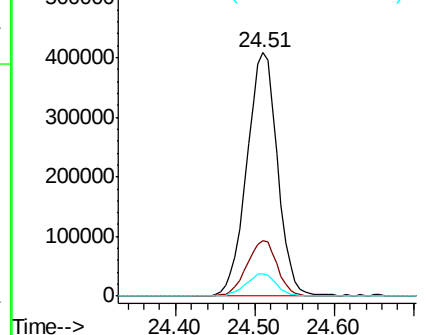
125 9.0 7.4 11.0



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





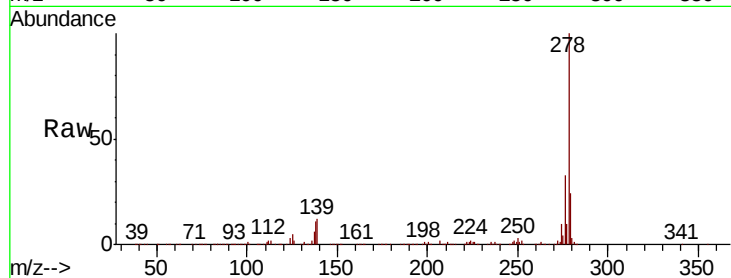
#91
Dibenzo(a,h)anthracene
Concen: 39.753 ng
RT: 28.23 min Scan# 4279
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

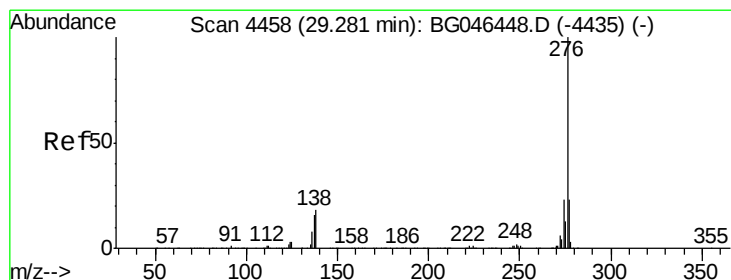
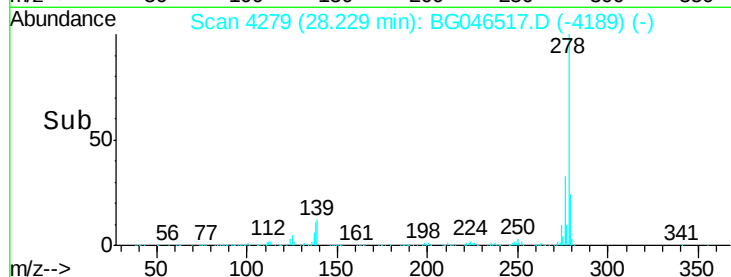
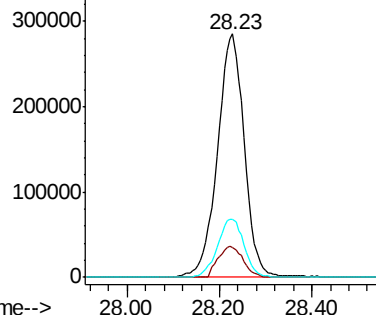
Tot Ion	Ratio	Lower	Upper
278	100		
139	12.5	11.2	16.8
279	23.7	19.8	29.8

Manual Integrations
APPROVED

mohammad
9/4/2020 1:54:43 PM

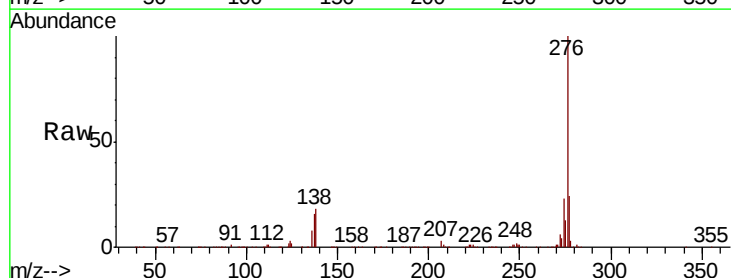


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.607 ng
RT: 29.26 min Scan# 4455
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	17.8	14.7	22.1



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

