

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
 Data File : BG046622.D
 Acq On : 15 Sep 2020 13:19
 Operator : CG/JU
 Sample : PB131588BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BSD

Manual Integrations
 APPROVED

mohammad
 9/16/2020 10:14:09 AM

Quant Time: Sep 15 14:52:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	52350	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	232896	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	187732	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	473134	20.00	ng	0.00
76) Chrysene-d12	21.55	240	470075	20.00	ng	0.00
86) Perylene-d12	24.64	264	467535	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	330553	111.84	ng	0.00
7) Phenol-d6	7.09	99	464740	110.92	ng	0.00
23) Nitrobenzene-d5	9.07	82	283291	69.52	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	259540	102.03	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	842540	68.51	ng	0.00
79) Terphenyl-d14	19.92	244	1472609	66.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	61418	49.947	ng	98
3) Pyridine	3.80	79	88306	24.545	ng	94
4) n-Nitrosodimethylamine	3.72	42	49583	37.367	ng	98
6) Aniline	7.25	93	189742	40.243	ng	99
8) 2-Chlorophenol	7.49	128	145065	46.438	ng	99
9) Benzaldehyde	7.06	77	86777	36.966	ng	95
10) Phenol	7.12	94	185742	48.130	ng	100
11) bis(2-Chloroethyl)ether	7.34	93	125069	40.319	ng	100
12) 1,3-Dichlorobenzene	7.81	146	143126	36.087	ng	100
13) 1,4-Dichlorobenzene	7.95	146	147502	37.149	ng	97
14) 1,2-Dichlorobenzene	8.28	146	143182	37.608	ng	98
15) Benzyl Alcohol	8.16	79	124953	46.451	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	183512	38.140	ng	99
17) 2-Methylphenol	8.37	107	132691	48.483	ng	97
18) Hexachloroethane	9.00	117	47786	35.495	ng	99
19) n-Nitroso-di-n-propylamine	8.73	70	108841	43.428	ng	99
20) 3+4-Methylphenols	8.70	107	185831	49.193	ng	99
22) Acetophenone	8.74	105	212010	37.397	ng	99
24) Nitrobenzene	9.12	77	153866	38.221	ng	97
25) Isophorone	9.64	82	320244	42.867	ng	99
26) 2-Nitrophenol	9.83	139	86175	40.573	ng	97
27) 2,4-Dimethylphenol	9.90	122	149962	51.334	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	190438	39.605	ng	99
29) 2,4-Dichlorophenol	10.37	162	174203	44.732	ng	100
30) 1,2,4-Trichlorobenzene	10.58	180	164746	35.654	ng	100
31) Naphthalene	10.77	128	445379	39.166	ng	99
32) Benzoic acid	10.06	122	50913	28.339	ng	97
33) 4-Chloroaniline	10.88	127	171067	34.116	ng	98
34) Hexachlorobutadiene	11.06	225	99778	33.265	ng	97
35) Caprolactam	11.65	113	68506m	47.060	ng	
36) 4-Chloro-3-methylphenol	12.01	107	184970	48.563	ng	96
37) 2-Methylnaphthalene	12.38	142	380643	42.443	ng	98
38) 1-Methylnaphthalene	12.59	142	360900	42.483	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	222268	35.903	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	226505	84.144	nq	99
43) 2,4,6-Trichlorophenol	12.99	196	160933	38.522	nq	99
44) 2,4,5-Trichlorophenol	13.07	196	180232	41.061	nq	99
46) 1,1'-Biphenyl	13.39	154	511629	39.171	nq	99
47) 2-Chloronaphthalene	13.43	162	399902	36.111	nq	99
48) 2-Nitroaniline	13.63	65	121252	39.431	nq	96
49) Acenaphthylene	14.27	152	683273	40.674	nq	98
50) Dimethylphthalate	14.01	163	585130	40.287	nq	99
51) 2,6-Dinitrotoluene	14.13	165	135691	42.383	nq	95
52) Acenaphthene	14.62	154	489795m	47.051	nq	
53) 3-Nitroaniline	14.46	138	109864	31.680	nq	100
54) 2,4-Dinitrophenol	14.67	184	161622	86.485	nq	98
55) Dibenzofuran	14.96	168	675610	40.441	nq	99
56) 4-Nitrophenol	14.78	139	215787	84.547	nq	98
57) 2,4-Dinitrotoluene	14.92	165	192118	42.084	nq	99
58) Fluorene	15.60	166	569585	40.622	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	183142	42.967	nq	99
60) Diethylphthalate	15.37	149	581583	41.070	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	305218	39.525	nq	97
62) 4-Nitroaniline	15.62	138	140392	38.367	nq	99
63) Azobenzene	15.89	77	478665	41.555	nq	96
65) 4,6-Dinitro-2-methylphenol	15.69	198	122847	45.873	nq	98
66) n-Nitrosodiphenylamine	15.81	169	528103	41.374	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	225501	40.852	nq	97
68) Hexachlorobenzene	16.61	284	235031	38.446	nq	99
69) Atrazine	16.76	200	197024	37.837	nq	99
70) Pentachlorophenol	16.96	266	254979	79.830	nq	97
71) Phenanthrene	17.34	178	958508	39.968	nq	99
72) Anthracene	17.43	178	983793	41.578	nq	100
73) Carbazole	17.70	167	891255	39.895	nq	99
74) Di-n-butylphthalate	18.26	149	999912	38.924	nq	100
75) Fluoranthene	19.35	202	1205259	39.053	nq	100
77) Benzidine	19.53	184	642170	58.790	nq	98
78) Pyrene	19.72	202	1197748	40.013	nq	99
80) Butylbenzylphthalate	20.60	149	447709	38.345	nq	100
81) Benzo(a)anthracene	21.52	228	1159444	39.572	nq	99
82) 3,3'-Dichlorobenzidine	21.44	252	358852	33.003	nq	98
83) Chrysene	21.59	228	1109547	39.368	nq	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	630407	39.564	nq	99
85) Di-n-octyl phthalate	22.61	149	1099710	40.307	nq	99
87) Indeno(1,2,3-cd)pyrene	28.15	276	1376075	40.980	nq	100
88) Benzo(b)fluoranthene	23.66	252	1203699	41.232	nq	98
89) Benzo(k)fluoranthene	23.73	252	1153016	40.867	nq	100
90) Benzo(a)pyrene	24.50	252	1098457	40.319	nq	99
91) Dibenzo(a,h)anthracene	28.21	278	1137890	41.992	nq	99
92) Benzo(g,h,i)perylene	29.25	276	1161741	42.933	nq	98

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

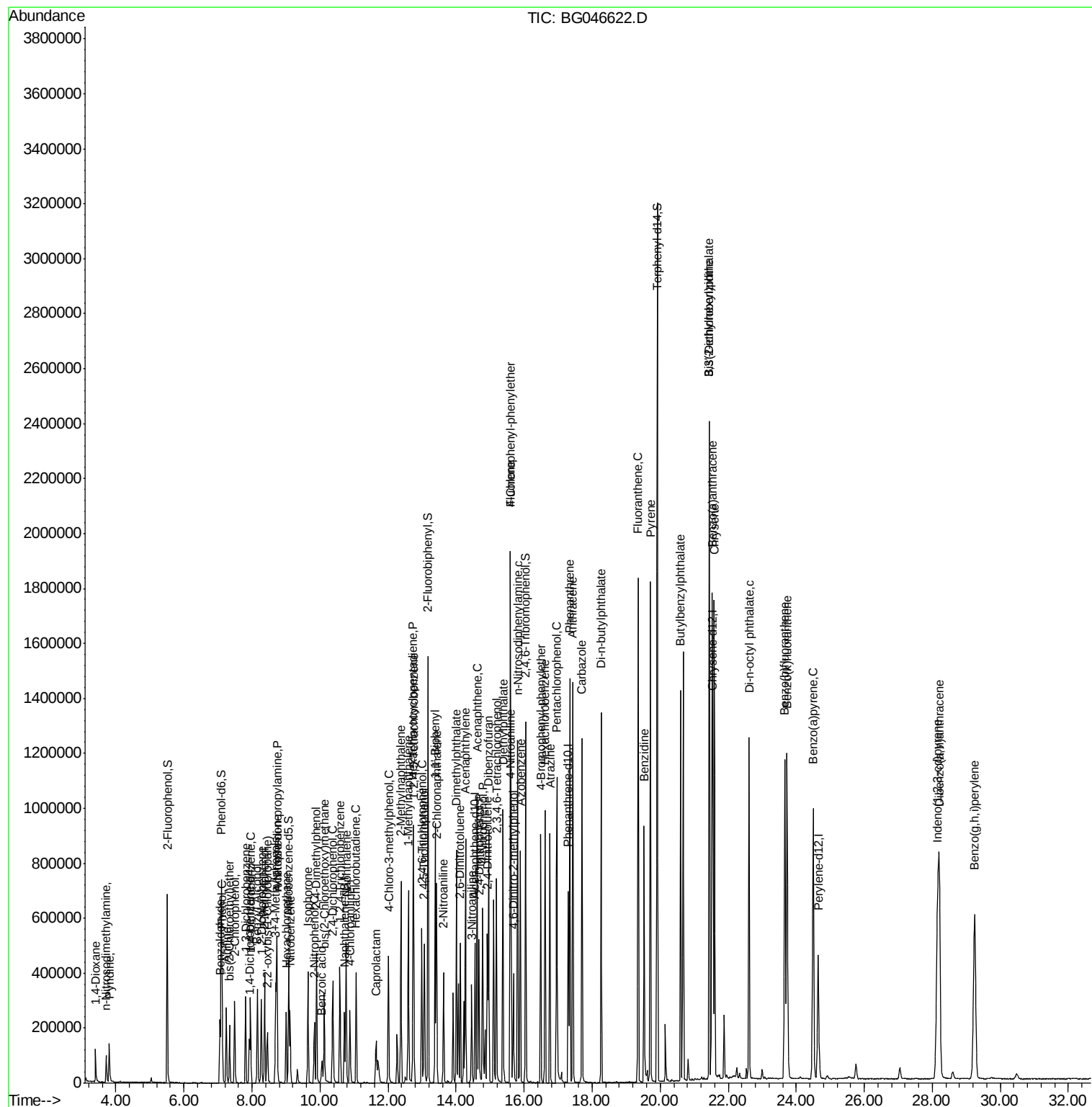
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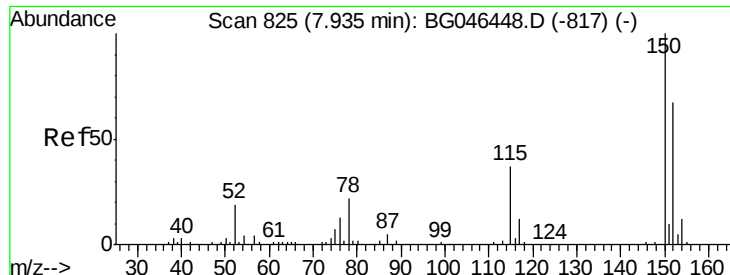
Instrument :
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#1

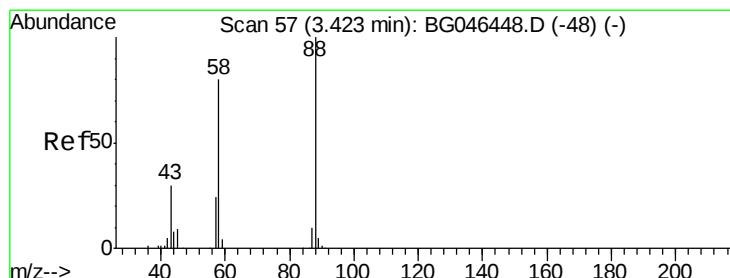
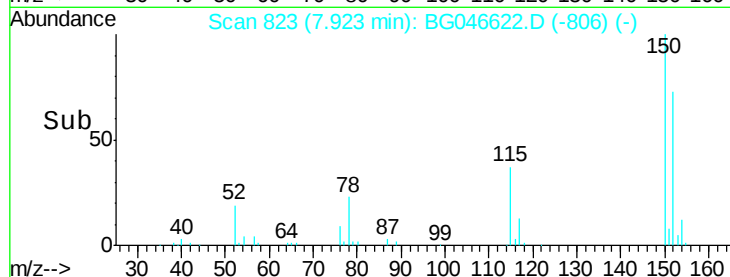
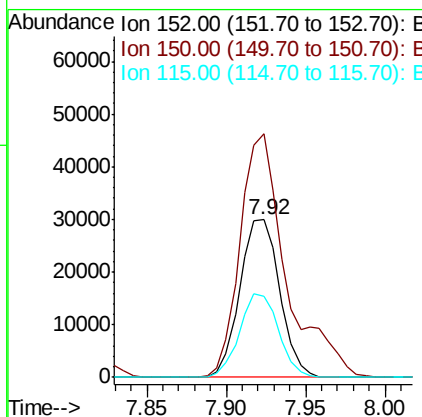
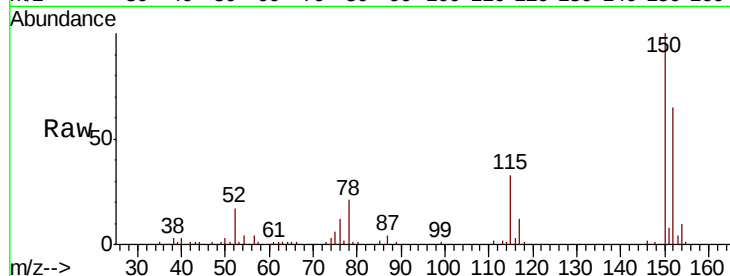
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	119.5	179.3
115	51.4	44.3	66.5

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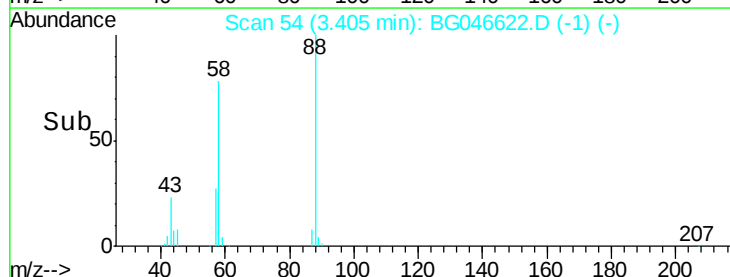
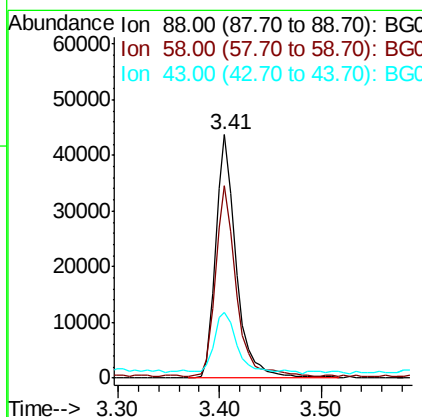
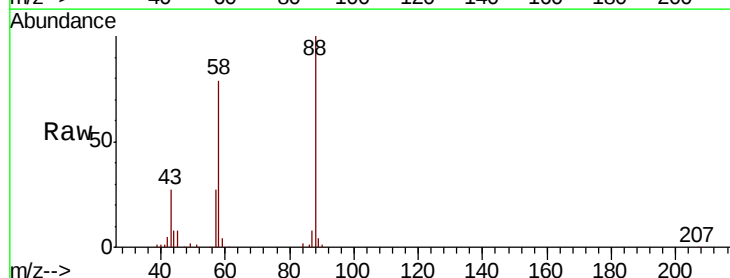
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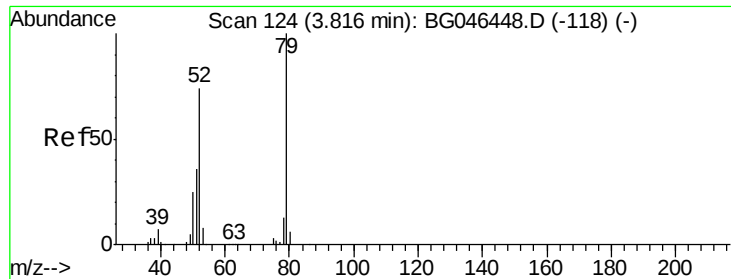


#2

1,4-Dioxane
Concen: 49.947 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.01 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.6	61.4	92.2
43	26.0	21.6	32.4





#3

Pvridine

Concen: 24.545 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

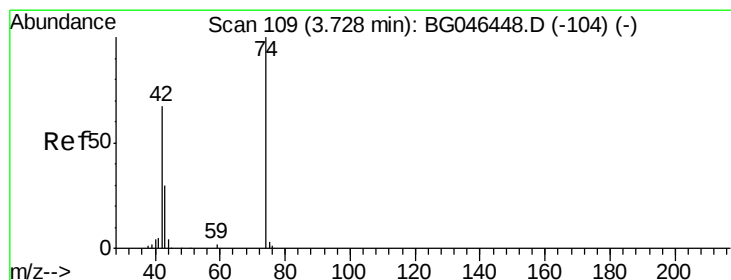
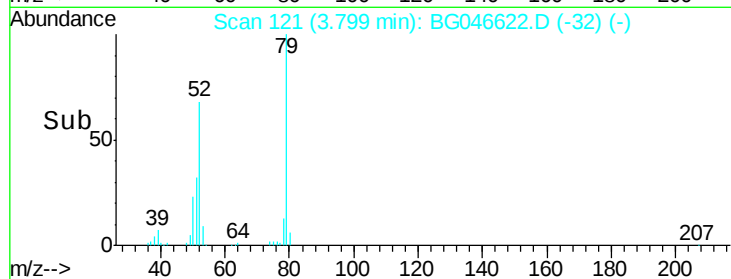
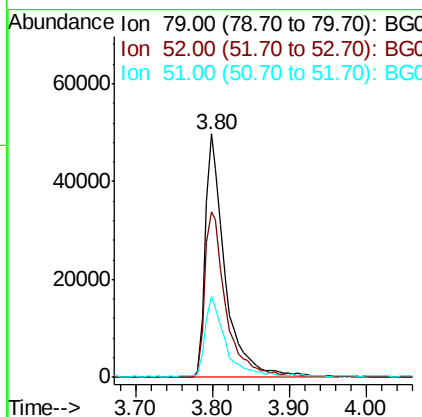
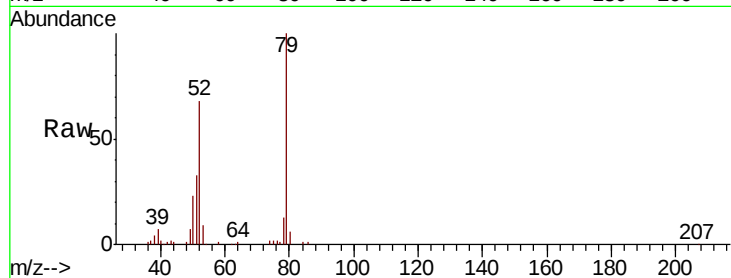
ClientSampleId :

PB131588BSD

Tot Ion:	79	Resp:	88306
Ion	Ratio	Lower	Upper
79	100		
52	68.0	59.1	88.7
51	33.1	29.0	43.6

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#4

n-Nitrosodimethylamine

Concen: 37.367 ng

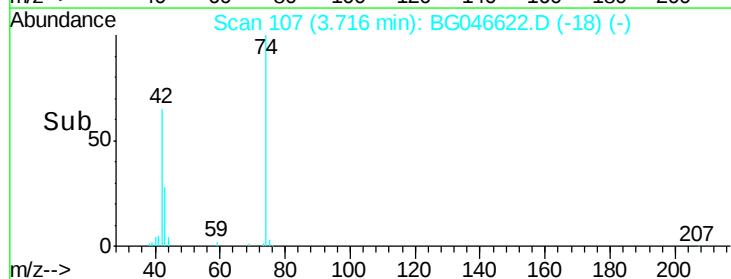
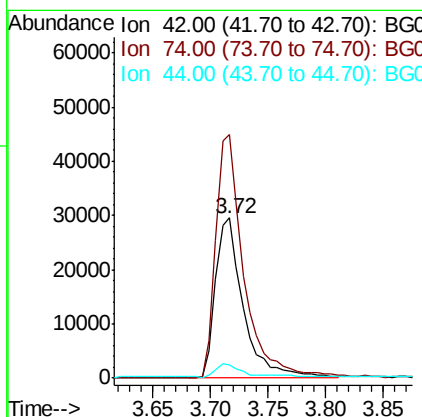
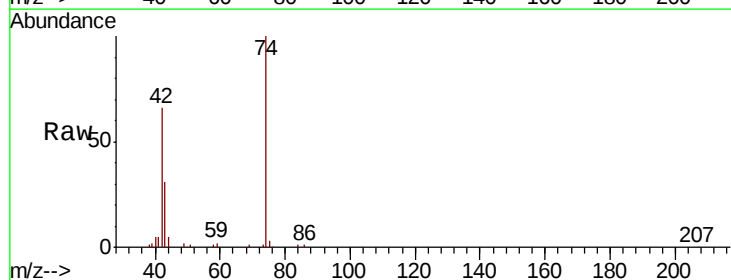
RT: 3.72 min Scan# 107

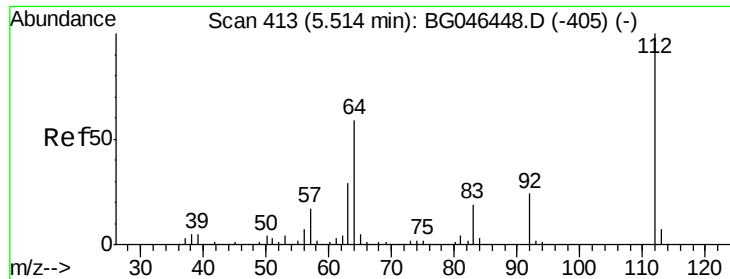
Delta R.T. -0.01 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Tgt Ion:	42	Resp:	49583
Ion	Ratio	Lower	Upper
42	100		
74	152.1	119.5	179.3
44	8.3	5.7	8.5





#5

2-Fluorophenol

Concen: 111.838 ng

RT: 5.51 min Scan# 412

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

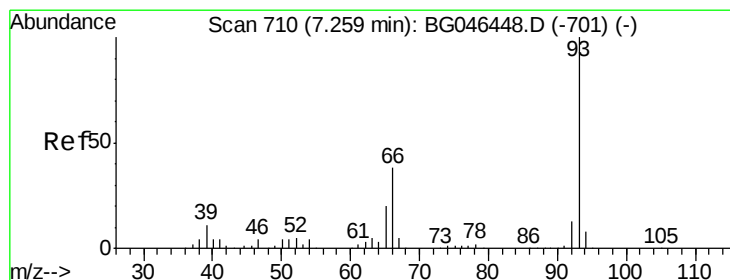
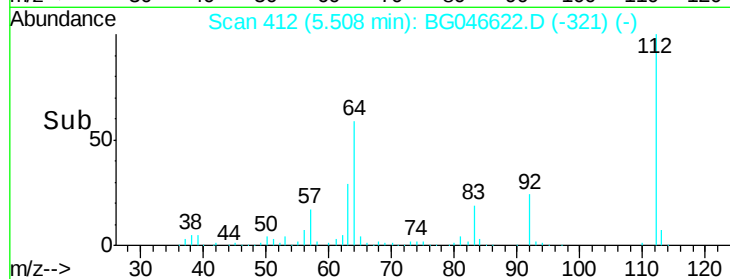
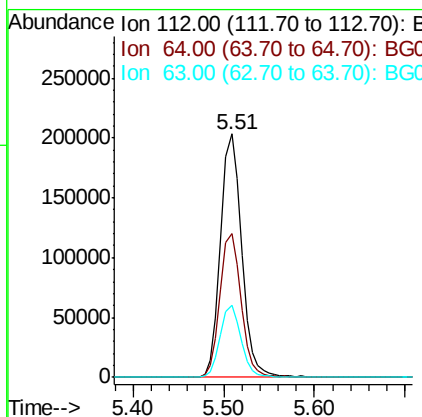
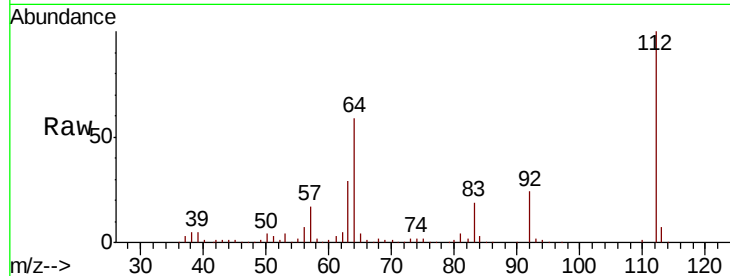
ClientSampleId :

PB131588BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	330553		
64	59.1	47.0	70.6	
63	29.4	23.5	35.3	

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#6

Aniline

Concen: 40.243 ng

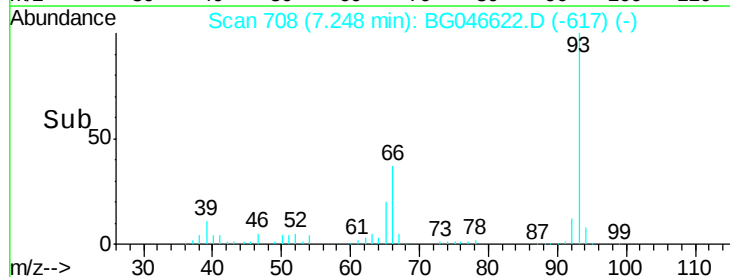
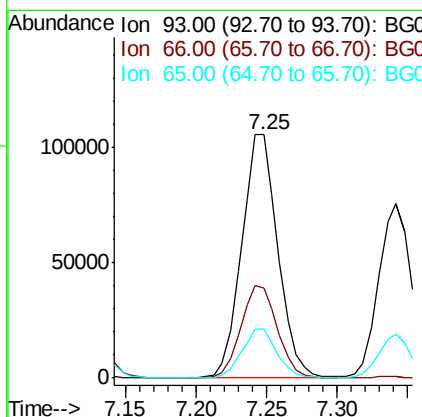
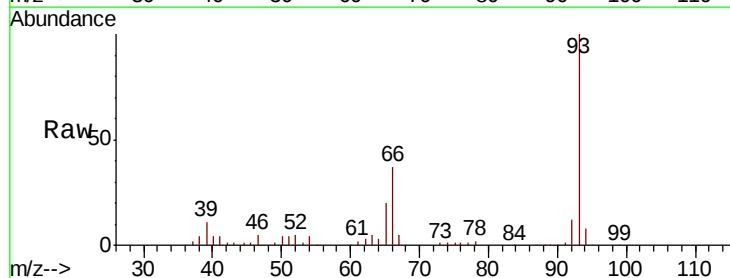
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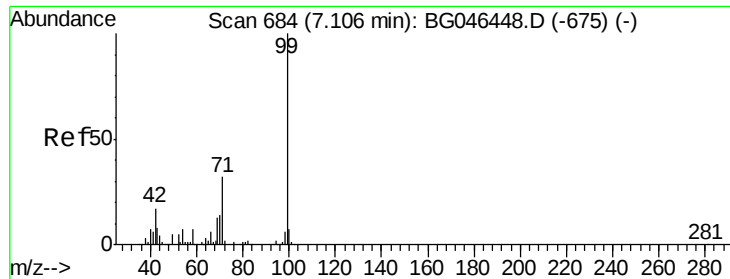
Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	189742		
66	36.9	30.4	45.6	
65	20.1	15.8	23.6	





#7

Phenol-d6

Concen: 110.918 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

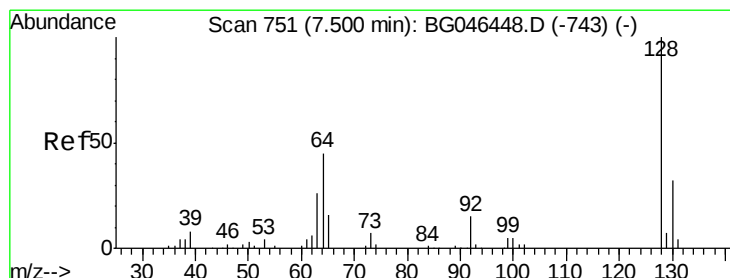
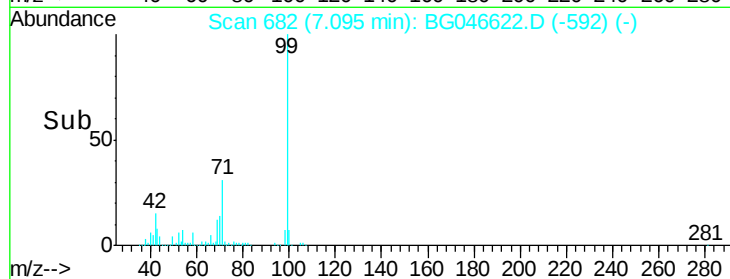
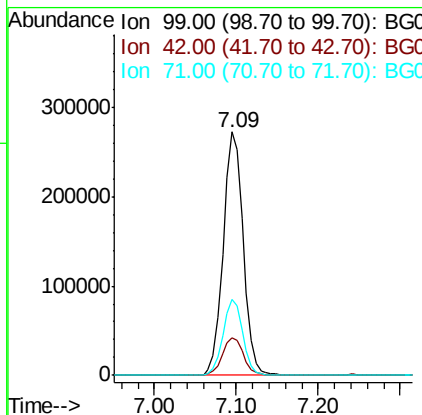
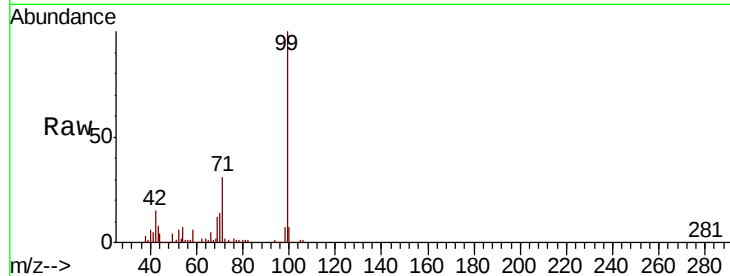
ClientSampleId :

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Tot Ion:	99	Resp:	464740
Ion Ratio	Lower	Upper	
99	100		
42	15.4	13.3	19.9
71	31.4	25.3	37.9

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#8

2-Chlorophenol

Concen: 46.438 ng

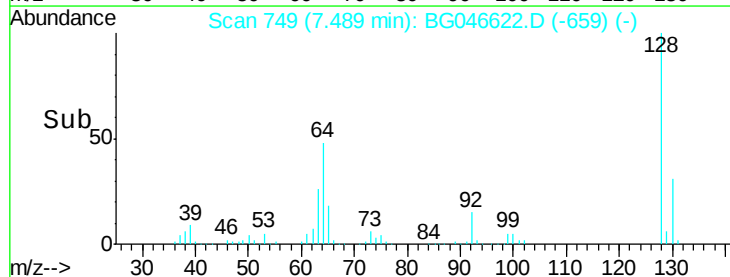
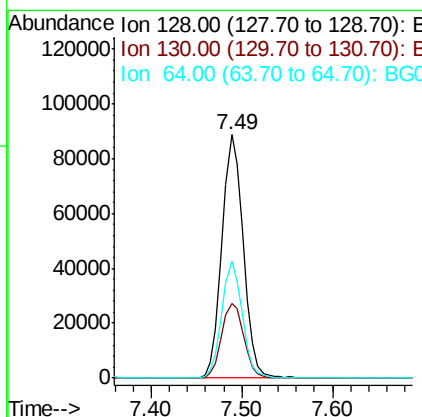
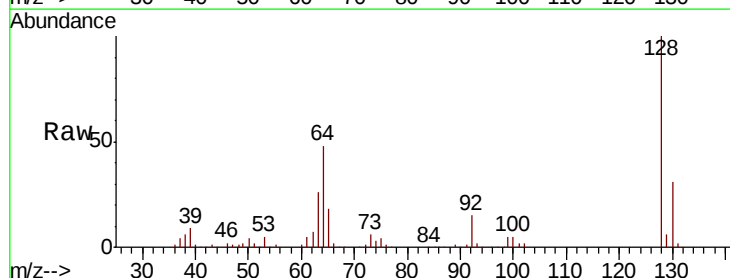
RT: 7.49 min Scan# 749

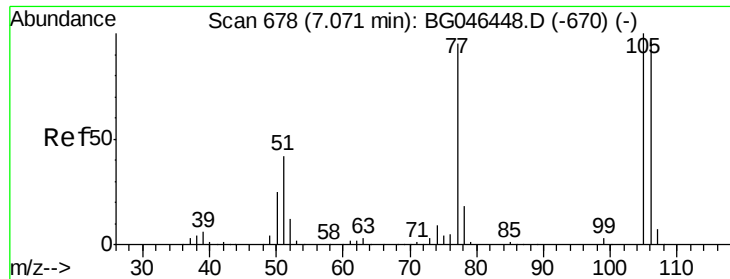
Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Tgt Ion:	128	Resp:	145065
Ion Ratio	Lower	Upper	
128	100		
130	30.6	12.4	52.4
64	48.0	28.1	68.1





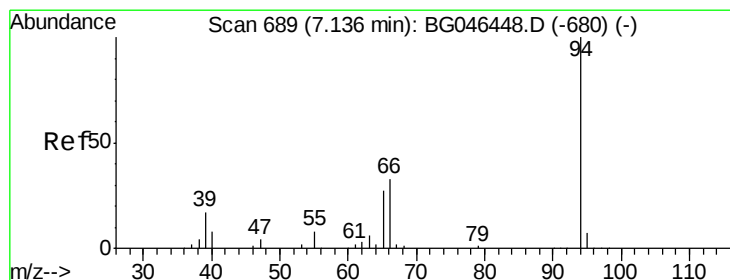
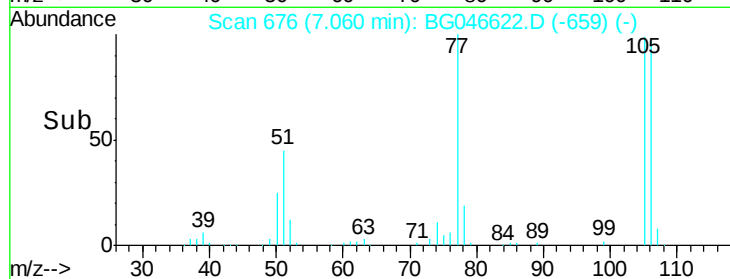
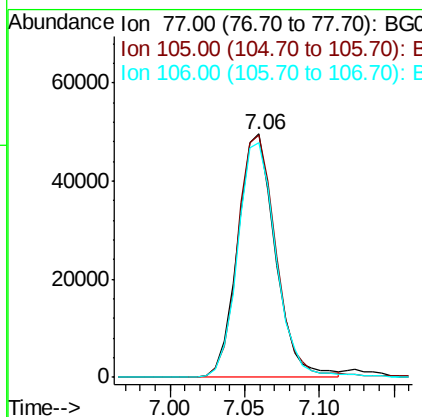
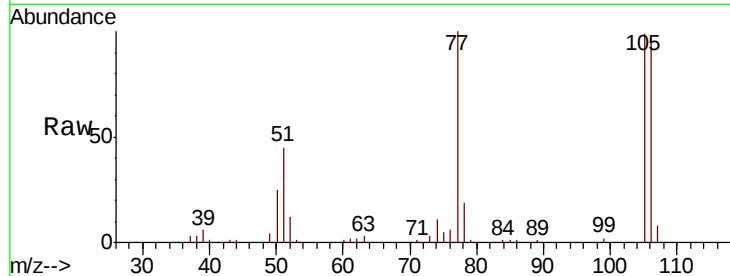
#9
Benzaldehyde
Concen: 36.966 ng
RT: 7.06 min Scan# 676
Delta R.T. -0.00 min
Lab File: BG046622.D
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Tot Ion	Ratio	Lower	Upper
77	100		
105	99.5	85.6	125.6
106	96.6	80.8	120.8

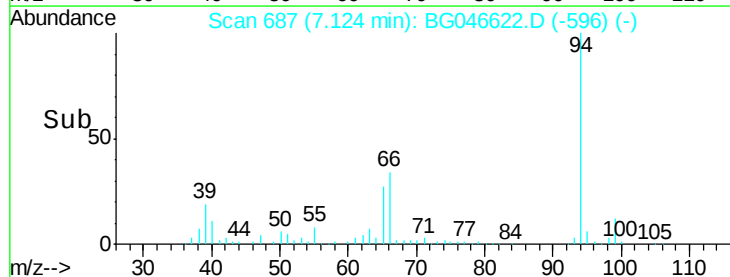
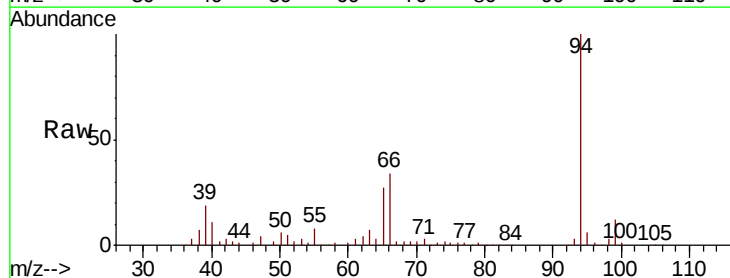
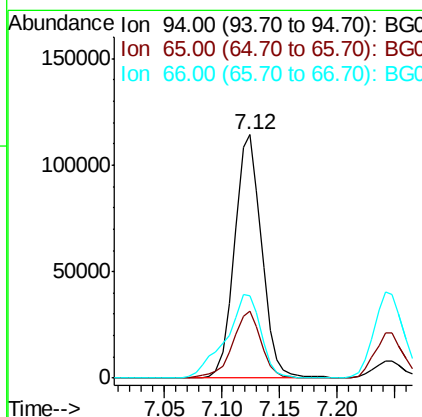
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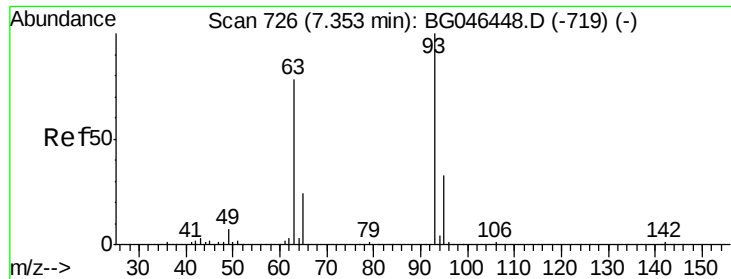
mohammad
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#10
Phenol
Concen: 48.130 ng
RT: 7.12 min Scan# 687
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.5	47.5
66	33.8	14.1	54.1





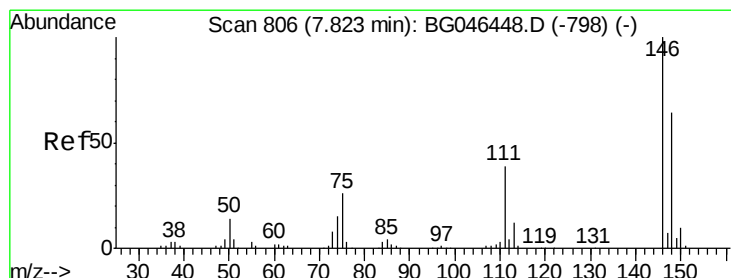
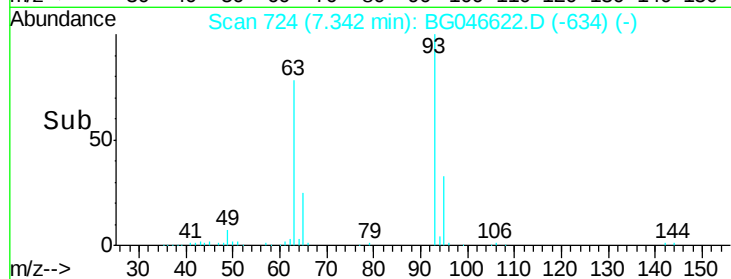
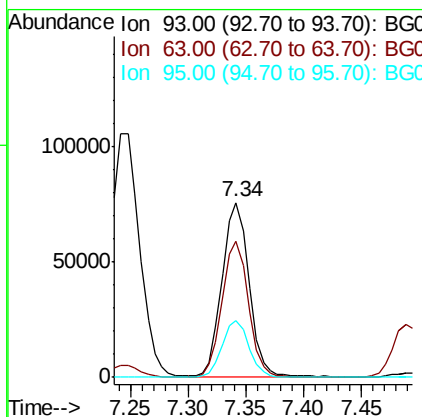
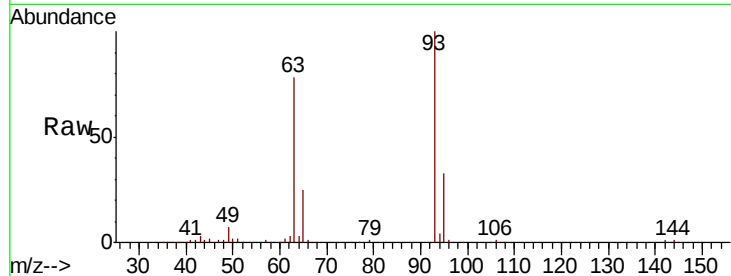
#11
bis(2-Chloroethyl)ether
Concen: 40.319 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.0	57.7	97.7
95	32.6	12.3	52.3

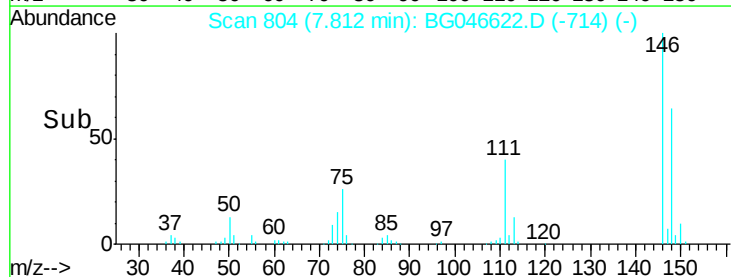
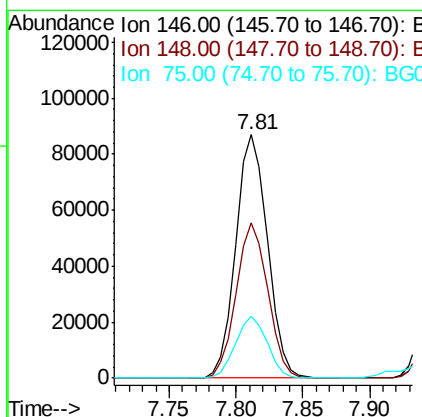
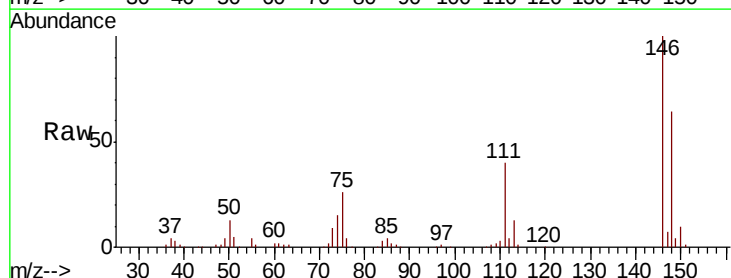
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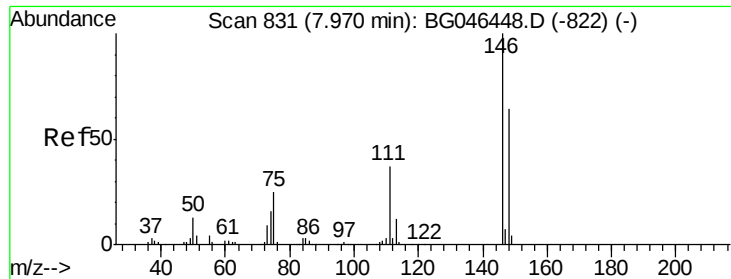
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.087 ng
RT: 7.81 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
75	25.7	20.7	31.1





#13

1,4-Dichlorobenzene

Concen: 37.149 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

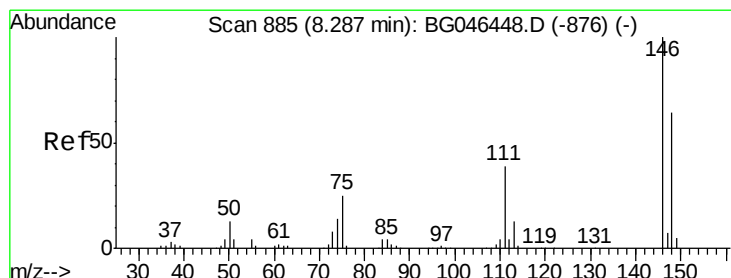
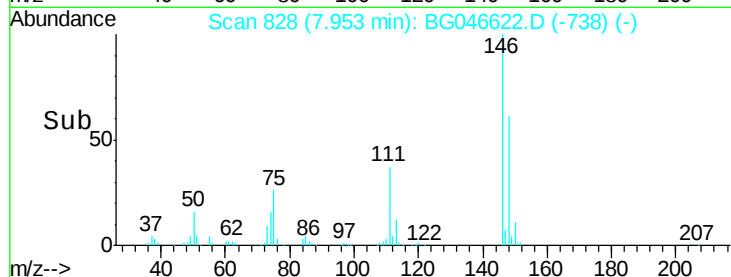
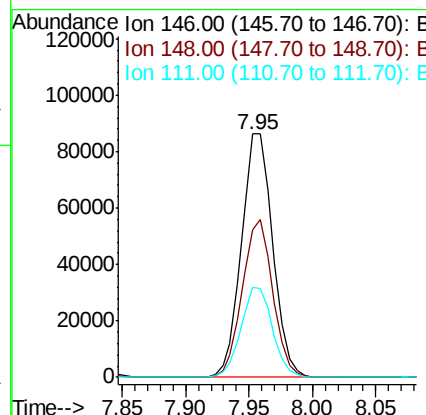
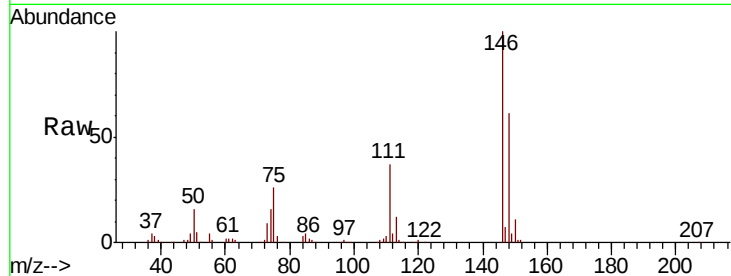
ClientSampleId :

PB131588BSD

Tot Ion:146	Resp:	147502
Ion Ratio	Lower	Upper
146	100	
148	60.8	50.9 76.3
111	36.8	29.8 44.6

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#14

1,2-Dichlorobenzene

Concen: 37.608 ng

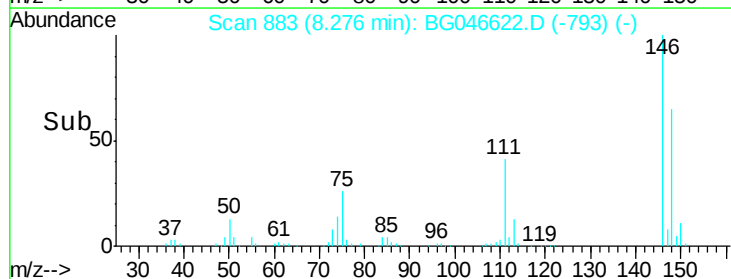
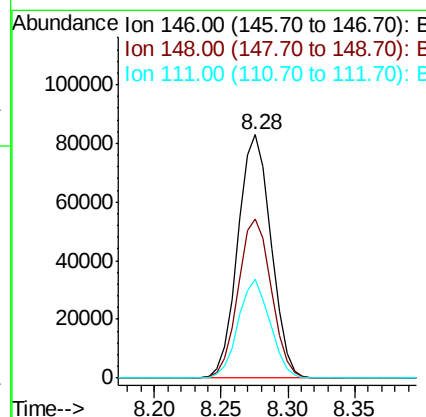
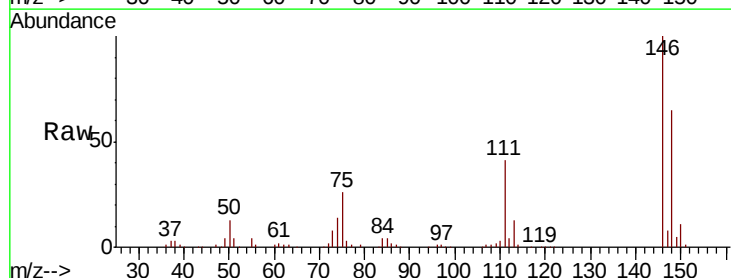
RT: 8.28 min Scan# 883

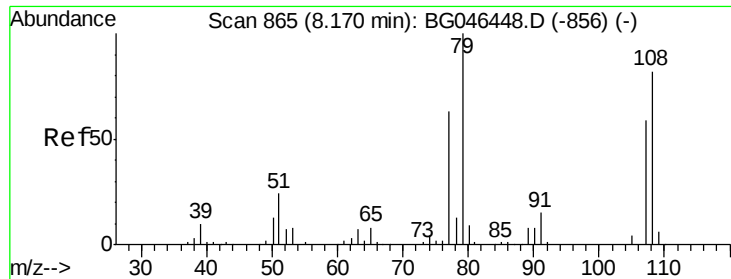
Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Tgt Ion:146	Resp:	143182
Ion Ratio	Lower	Upper
146	100	
148	65.2	51.4 77.0
111	40.8	31.4 47.2





#15

Benzyl Alcohol

Concen: 46.451 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

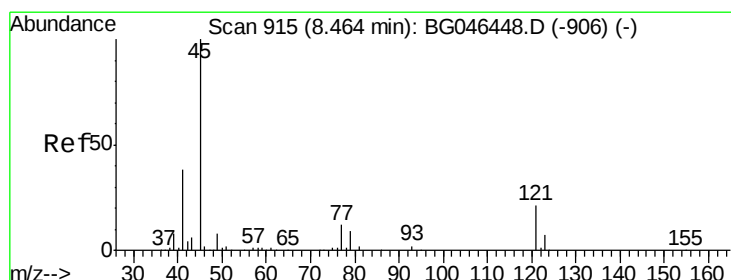
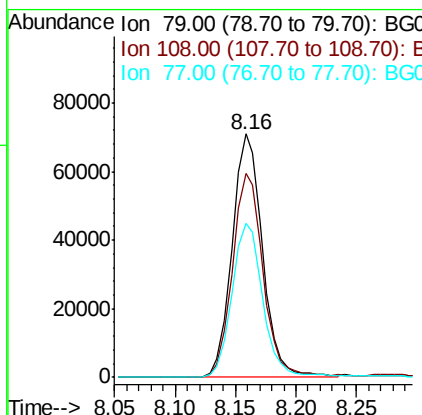
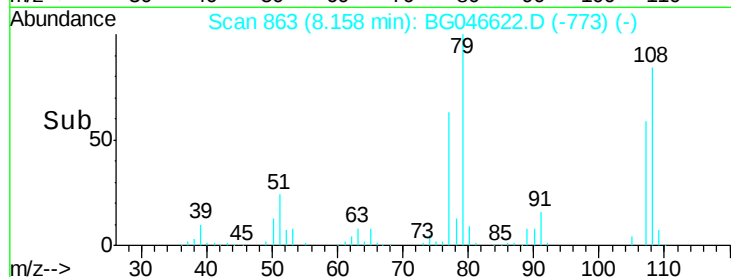
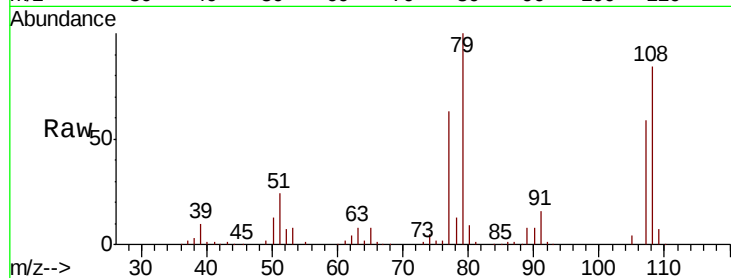
ClientSampleId :

PB131588BSD

Tot Ion:	79	Resp:	124953
Ion Ratio	Lower	Upper	
79	100		
108	83.8	65.7	98.5
77	63.1	50.3	75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.140 ng

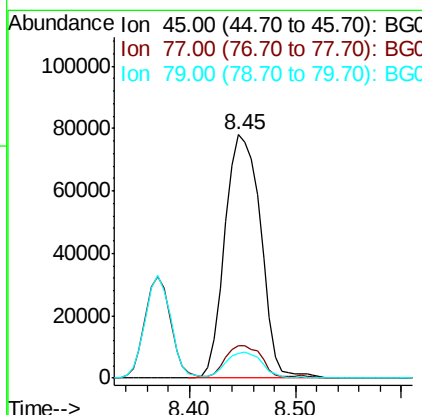
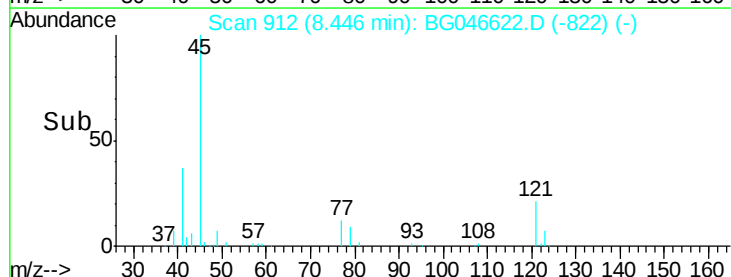
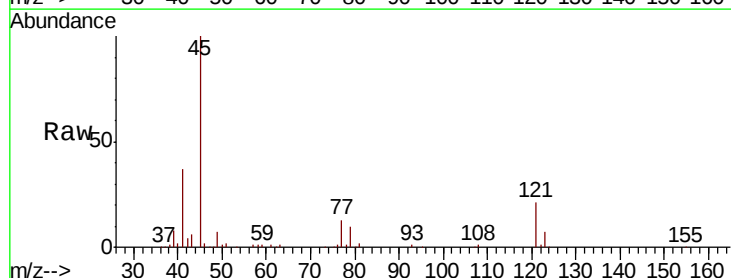
RT: 8.45 min Scan# 912

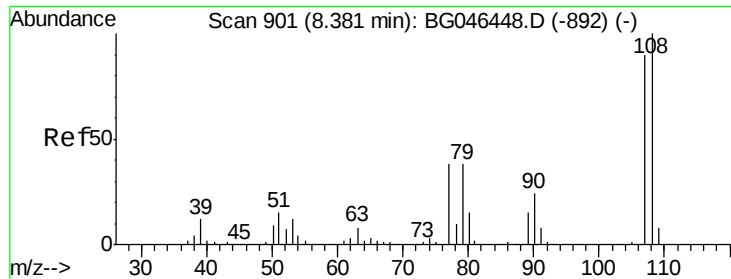
Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Tgt Ion:	45	Resp:	183512
Ion Ratio	Lower	Upper	
45	100		
77	13.3	0.0	33.2
79	10.0	0.0	30.3





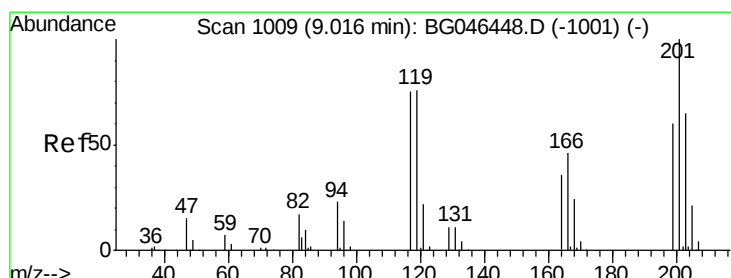
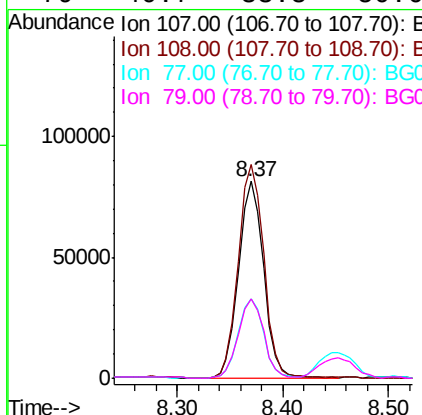
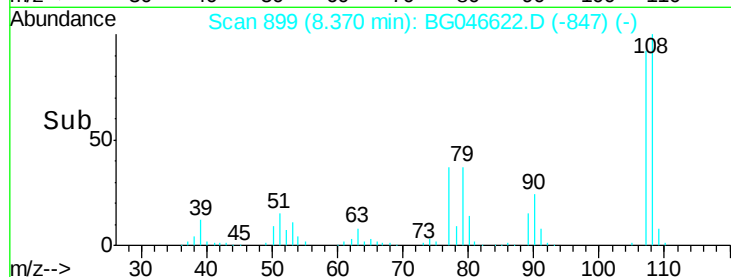
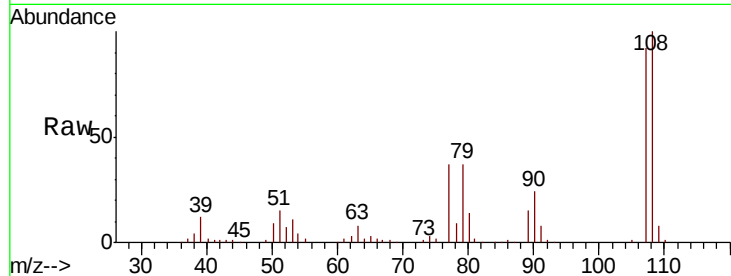
#17
2-Methylphenol
Concen: 48.483 ng
RT: 8.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.6	89.4	134.0	
77	40.2	34.5	51.7	
79	40.7	33.8	50.6	

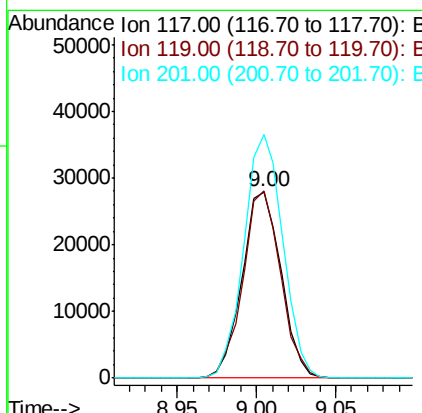
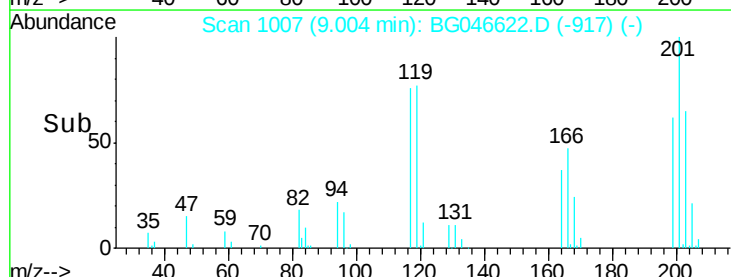
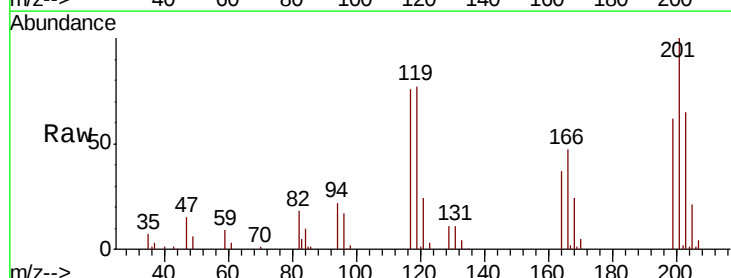
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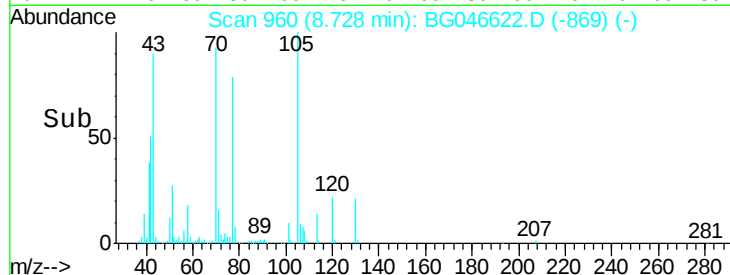
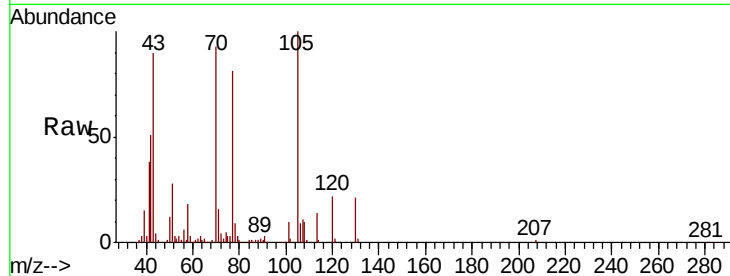
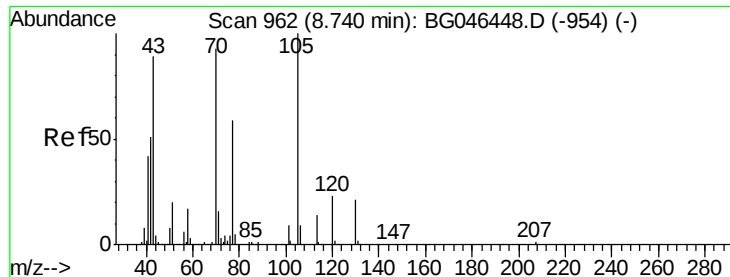
mohammad
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#18
Hexachloroethane
Concen: 35.495 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.7	80.8	121.2	
201	130.7	106.7	160.1	





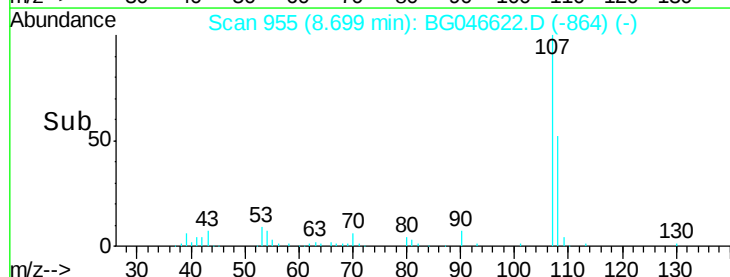
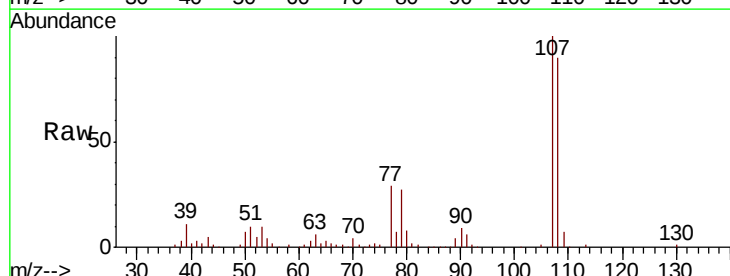
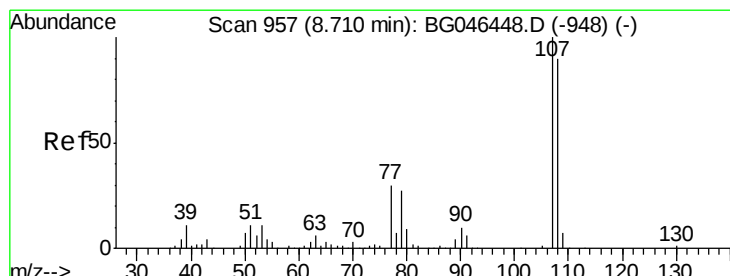
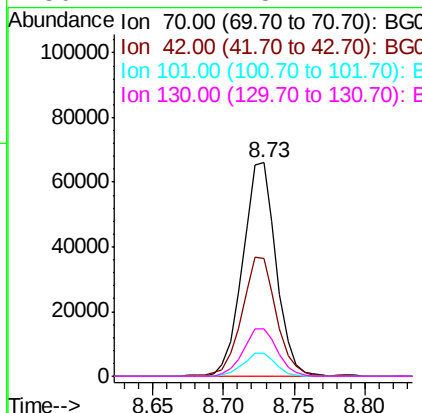
#19
n-Nitroso-di-n-propylamine
Concen: 43.428 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.9	44.2	66.2	
101	10.7	7.8	11.8	
130	22.1	18.2	27.4	

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

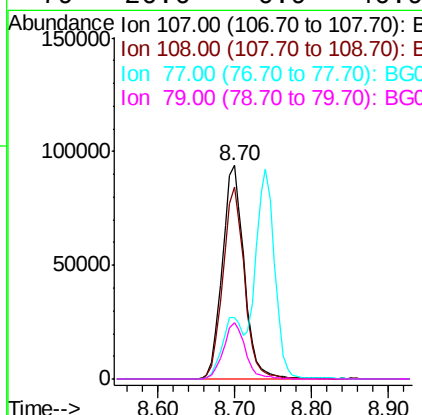
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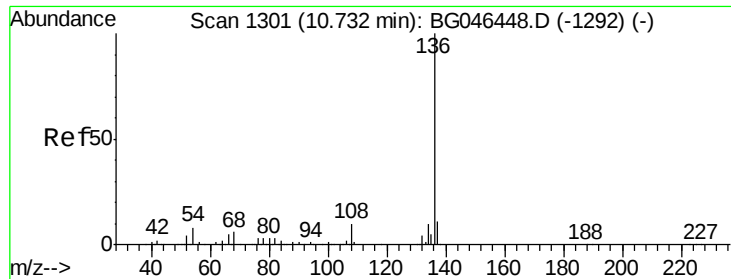
mohammad
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#20
3+4-Methylphenols
Concen: 49.193 ng
RT: 8.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	69.7	109.7	
77	28.7	9.7	49.7	
79	26.6	6.9	46.9	





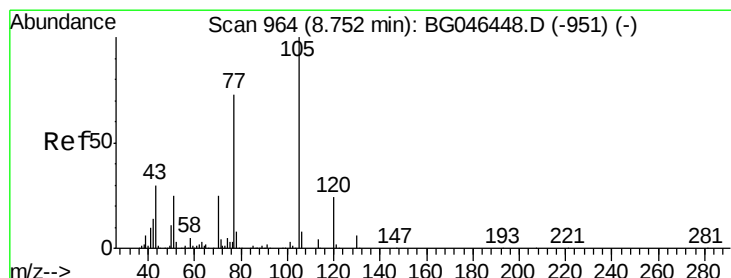
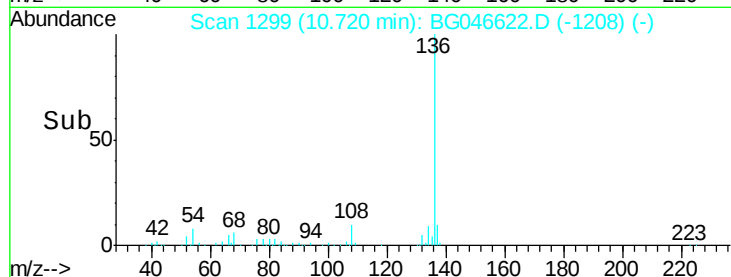
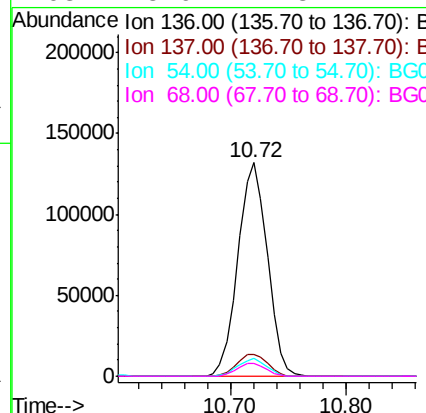
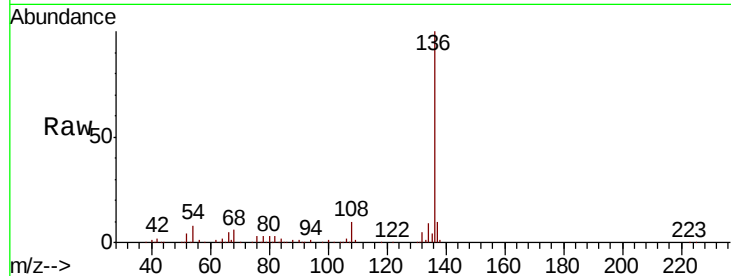
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	232896		
137	10.4		8.8	13.2
54	8.2		6.1	9.1
68	5.9		4.8	7.2

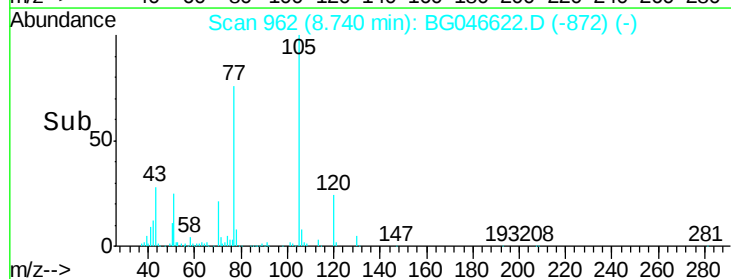
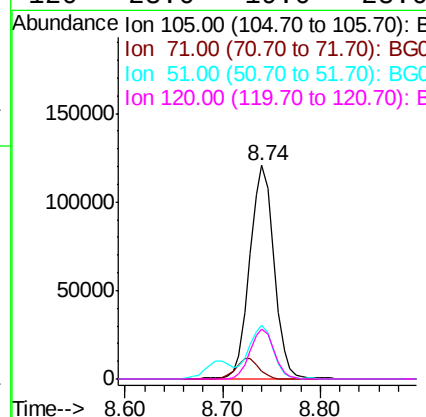
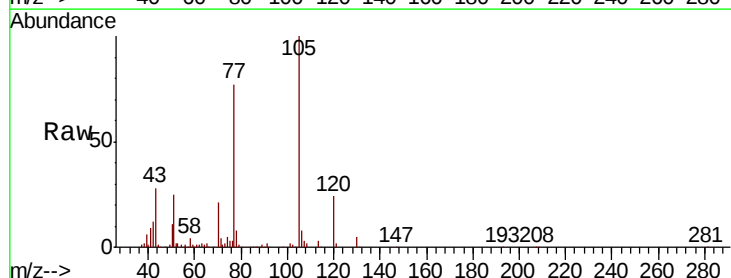
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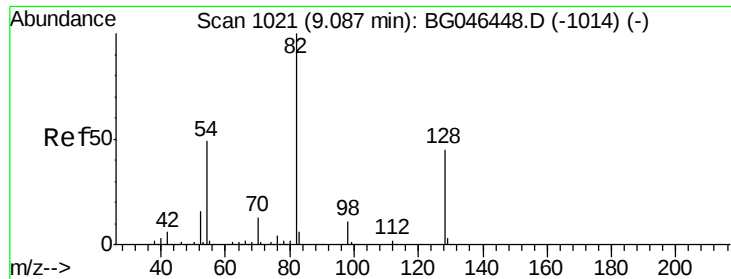
mohammad
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#22
Acetophenone
Concen: 37.397 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	212010		
71	3.9		3.3	4.9
51	24.9		20.6	31.0
120	23.6		19.0	28.6





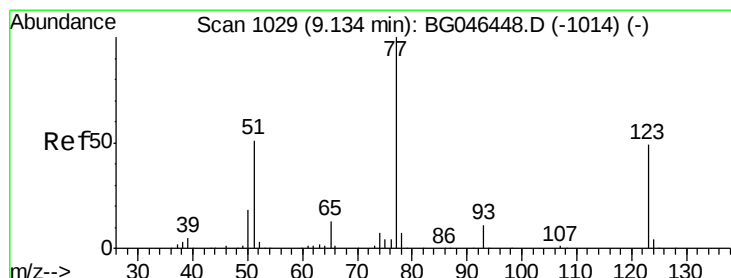
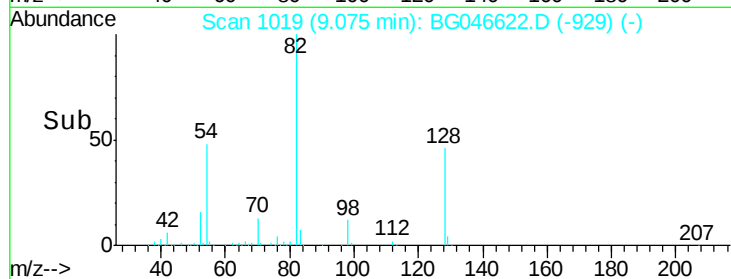
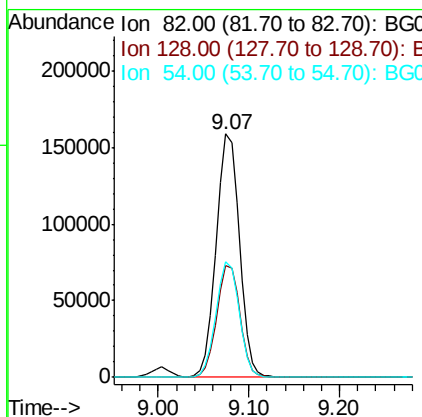
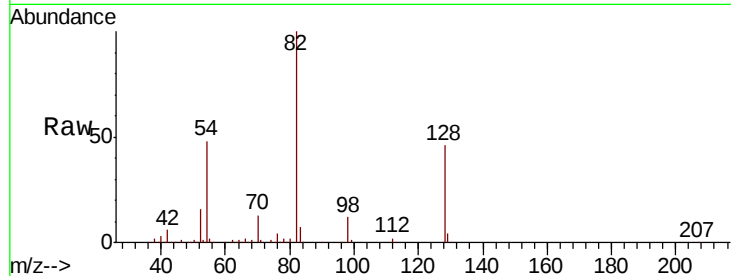
#23
 Nitrobenzene-d5
 Concen: 69.523 ng
 RT: 9.07 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	283291		
128	45.9		35.7	53.5
54	47.7		39.4	59.0

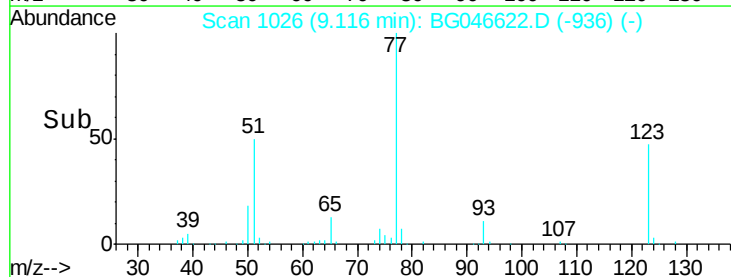
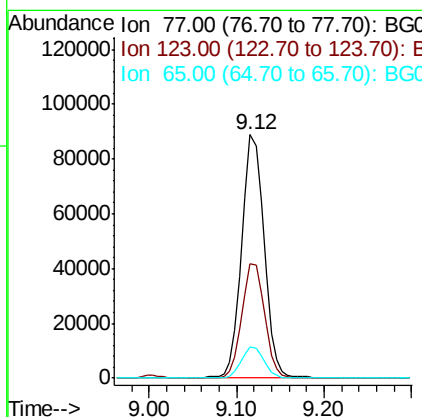
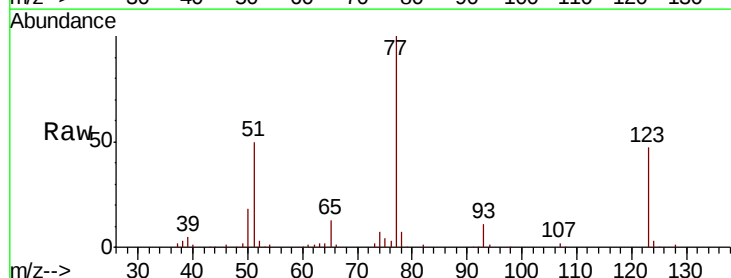
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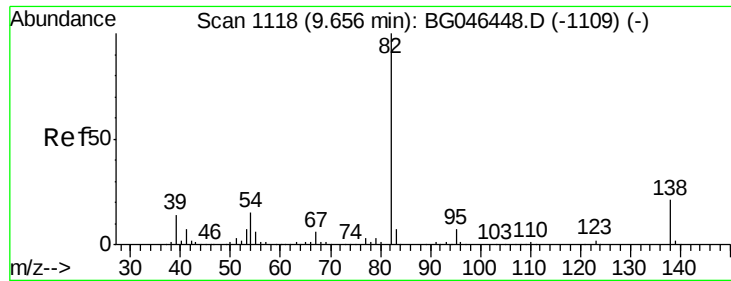
mohammad
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#24
 Nitrobenzene
 Concen: 38.221 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	153866		
123	47.1		39.6	59.4
65	12.7		10.1	15.1





#25

Isophorone

Concen: 42.867 ng

RT: 9.64 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

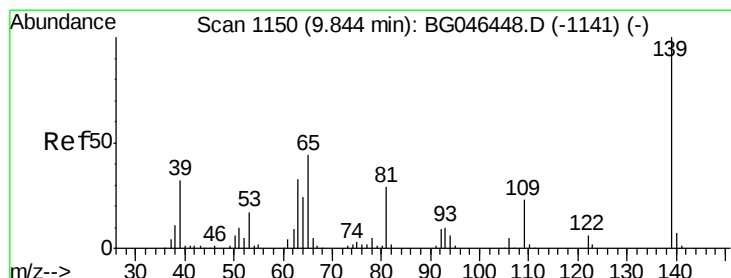
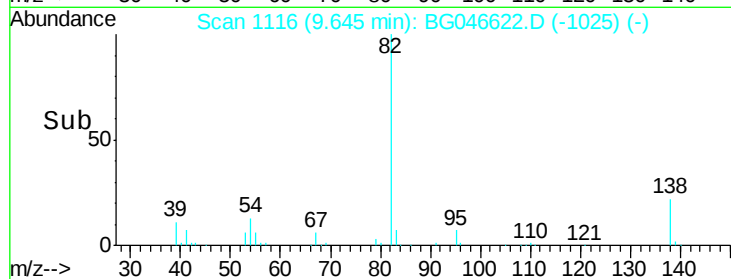
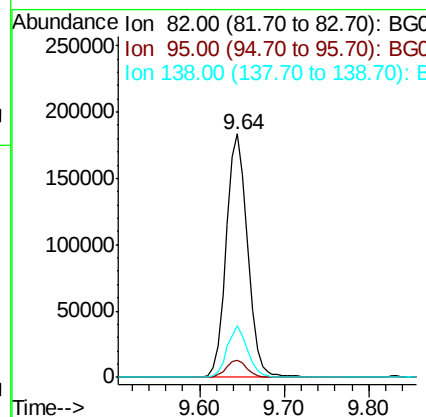
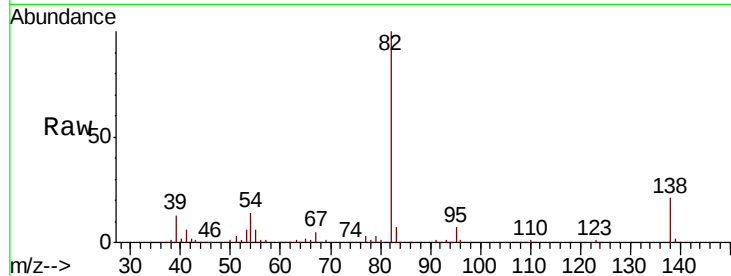
ClientSampleId :

PB131588BSD

Tot Ion:	82	Resp:	320244
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	21.1	16.4	24.6

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#26

2-Nitrophenol

Concen: 40.573 ng

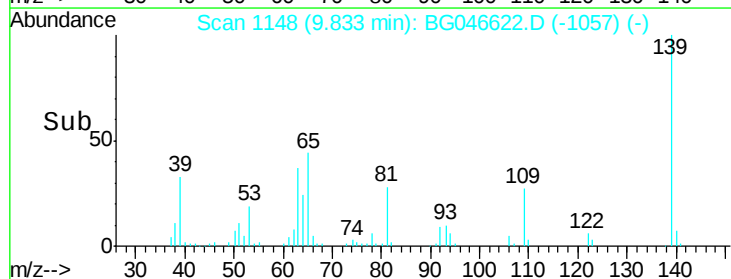
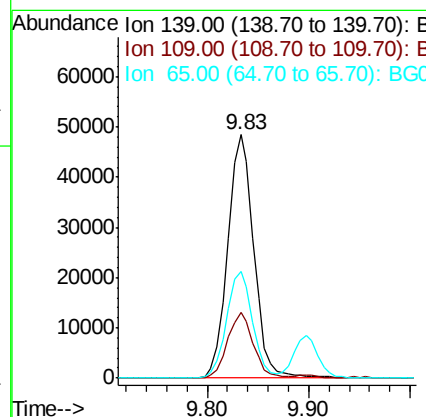
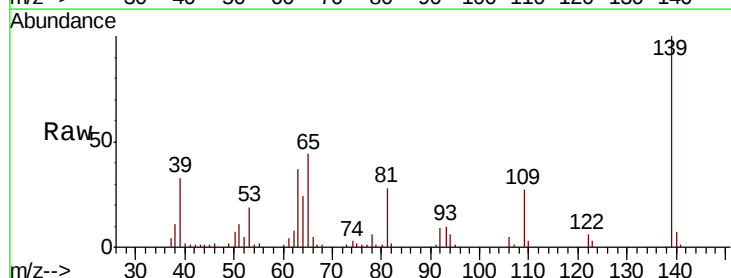
RT: 9.83 min Scan# 1148

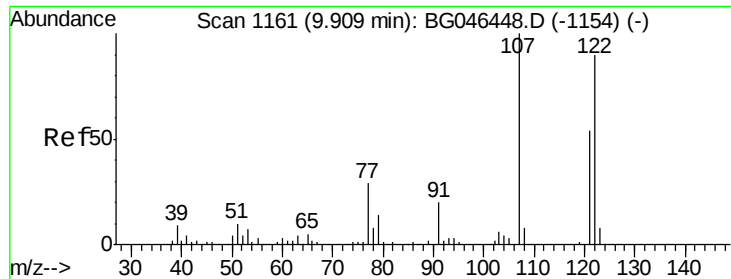
Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Tgt Ion:	139	Resp:	86175
Ion Ratio	Lower	Upper	
139	100		
109	27.1	18.8	28.2
65	43.9	35.0	52.6





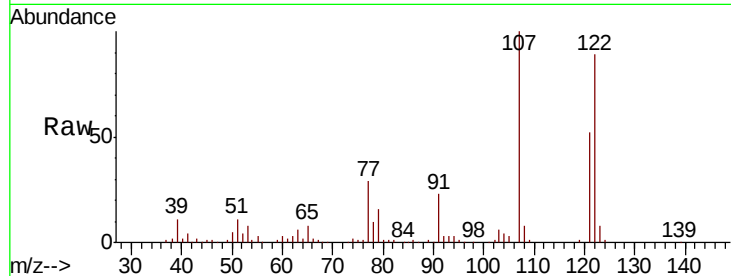
#27
2,4-Dimethylphenol
Concen: 51.334 ng
RT: 9.90 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

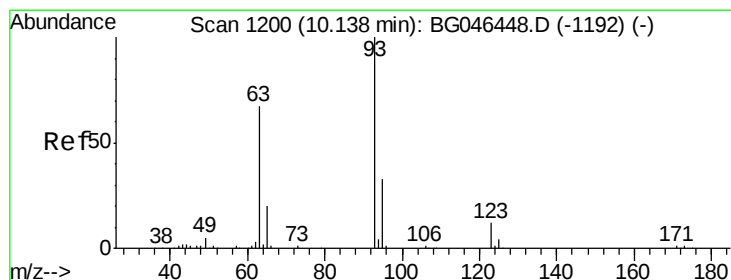
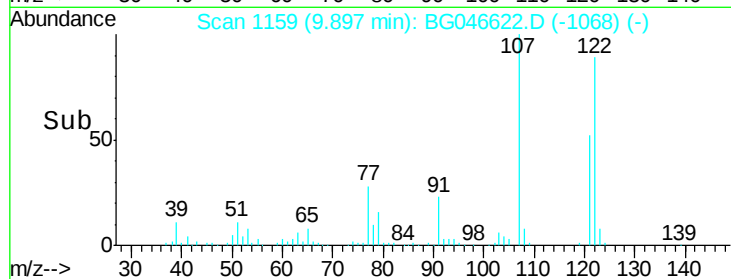
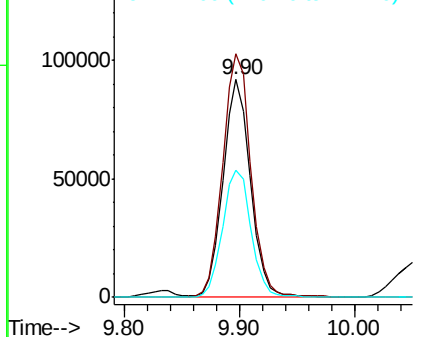
Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		149962		
107	111.9	88.2	132.2		
121	58.6	47.4	71.0		

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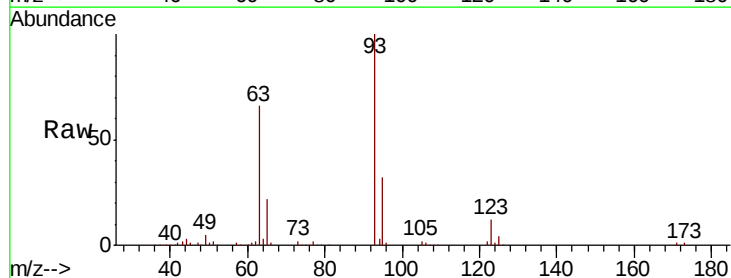


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

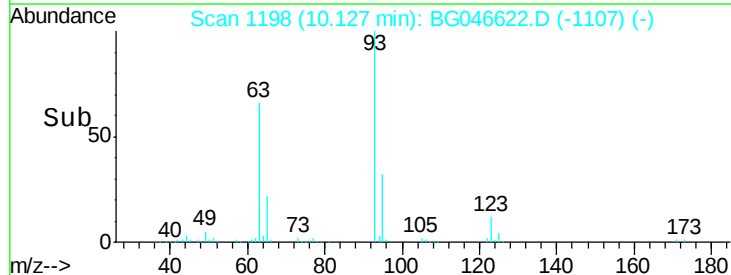
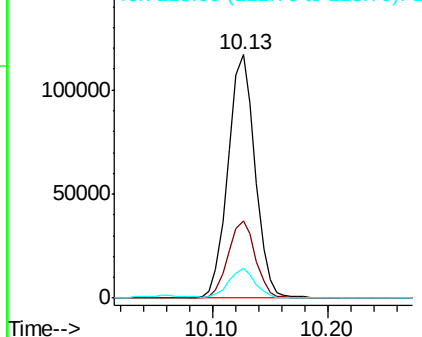


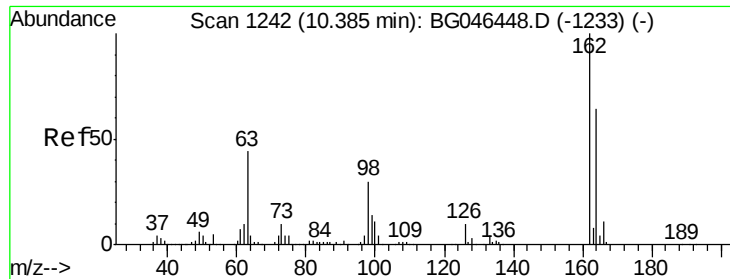
#28
bis(2-Chloroethoxy)methane
Concen: 39.605 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		190438		
95	31.8	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





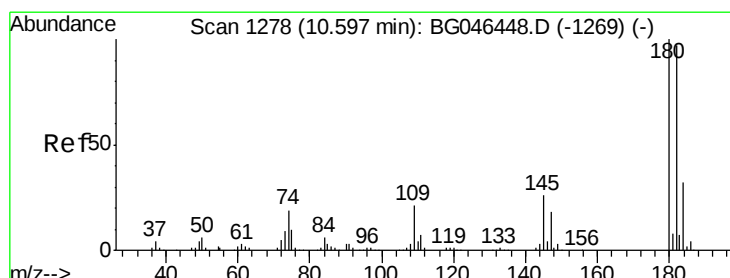
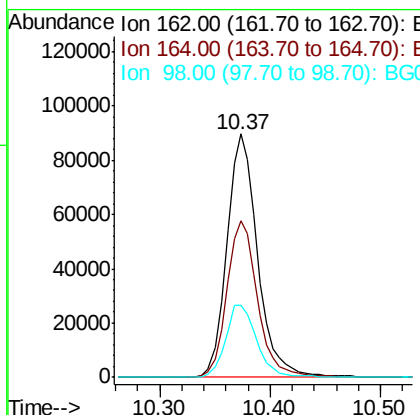
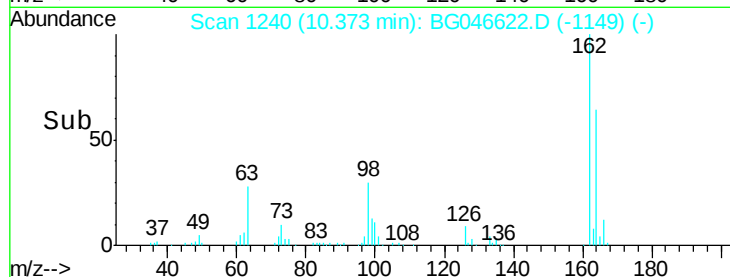
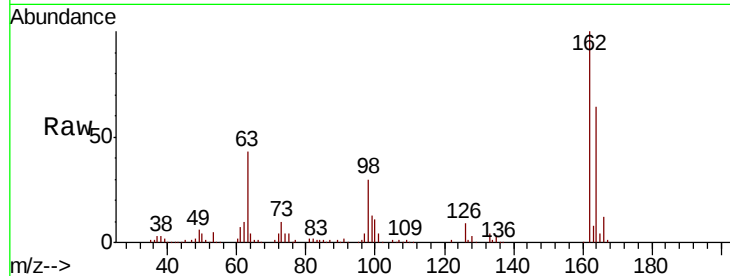
#29
 2,4-Dichlorophenol
 Concen: 44.732 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	174203		
164	64.1	44.3	84.3	
98	29.8	10.0	50.0	

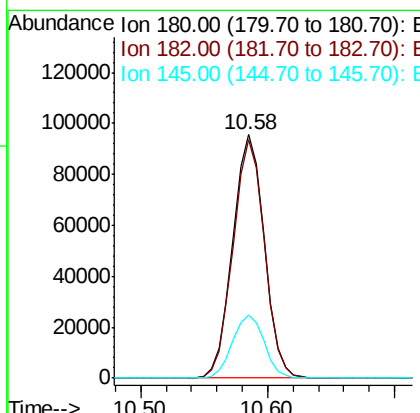
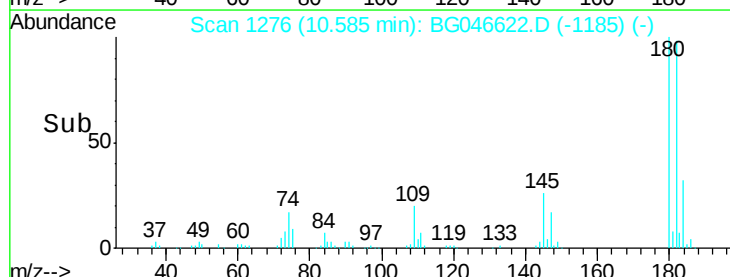
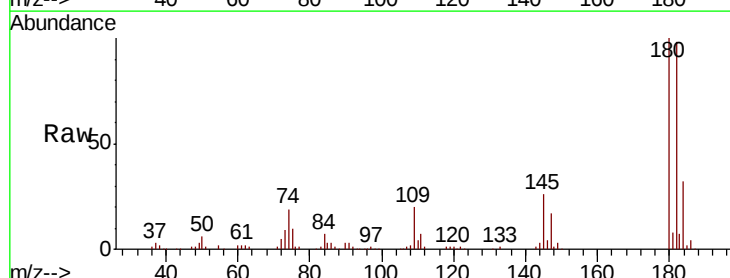
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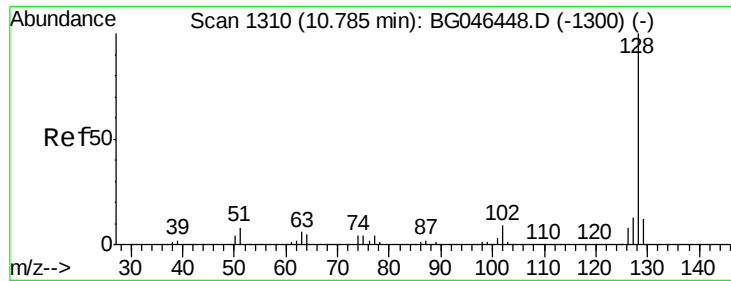
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.654 ng
 RT: 10.58 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	164746		
182	97.8	77.8	116.8	
145	26.2	20.9	31.3	





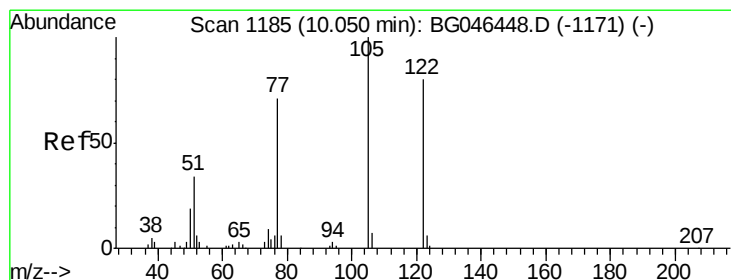
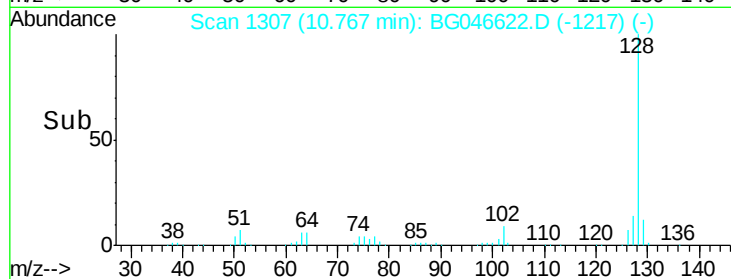
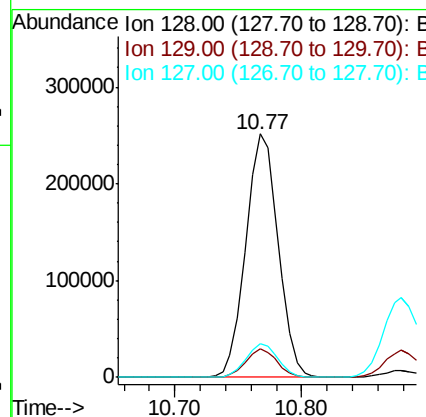
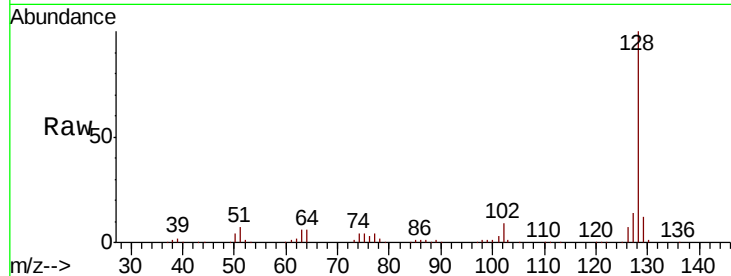
#31
Naphthalene
Concen: 39.166 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.2	13.8
127	13.9	10.7	16.1

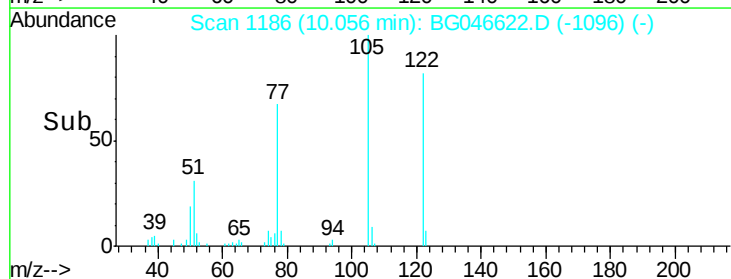
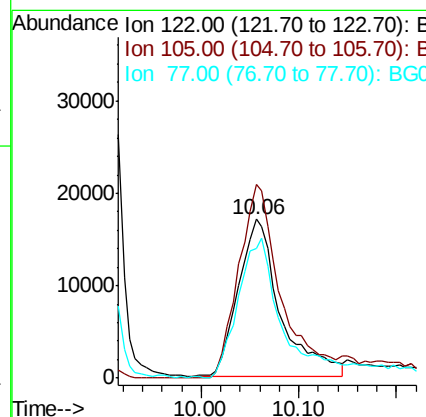
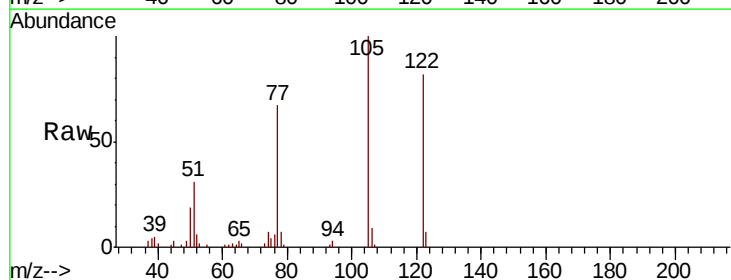
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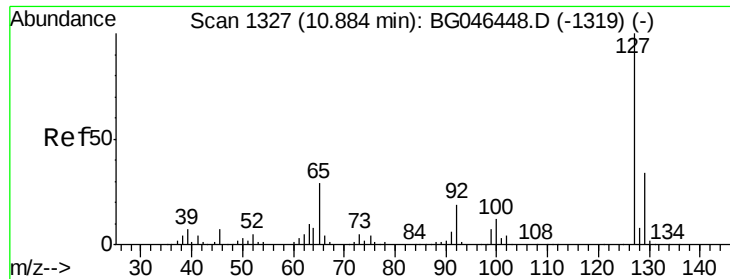
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#32
Benzoic acid
Concen: 28.339 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.0	102.5	142.5
77	81.6	68.2	108.2





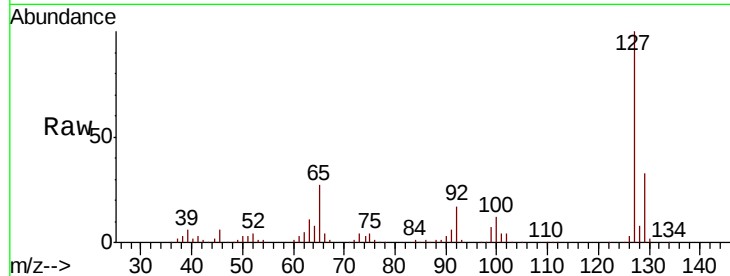
#33
4-Chloroaniline
Concen: 34.116 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

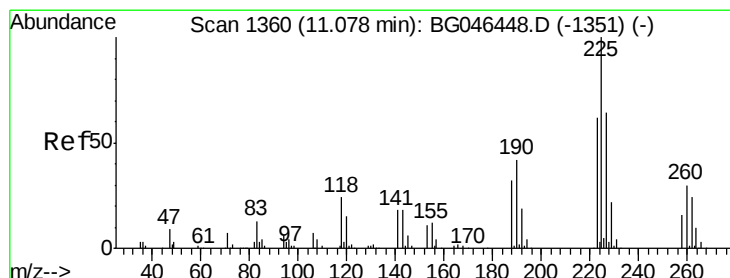
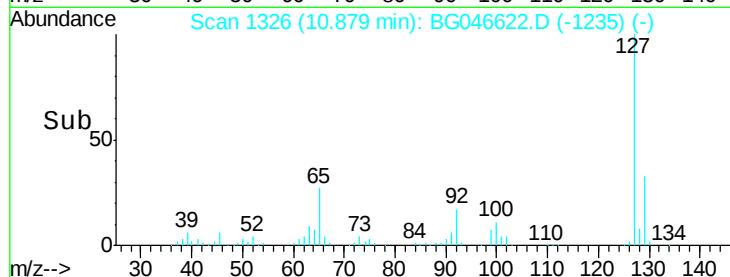
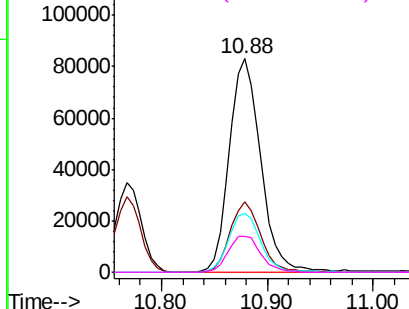
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		171067		
129	33.2	27.0	40.4		
65	27.4	23.5	35.3		
92	17.1	14.9	22.3		

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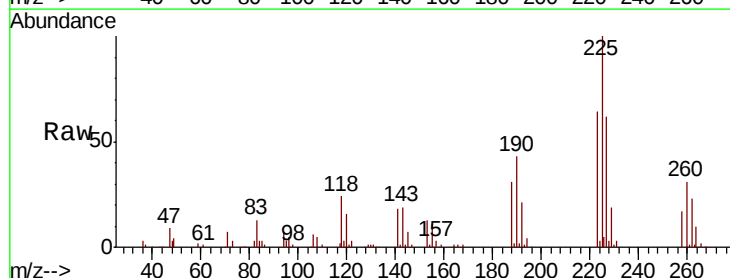


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

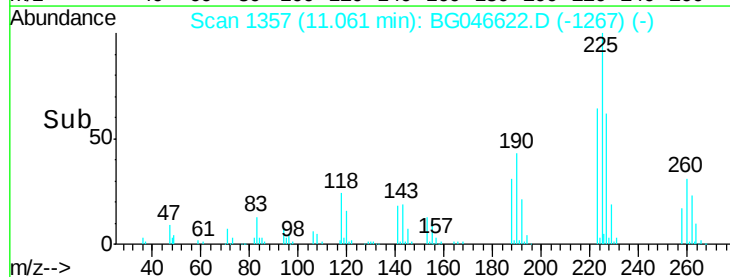
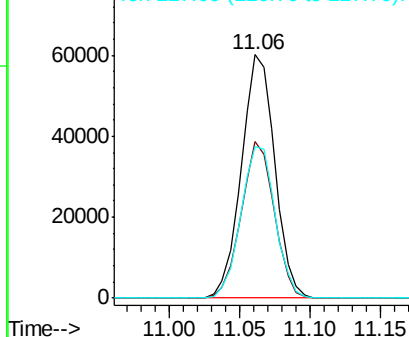


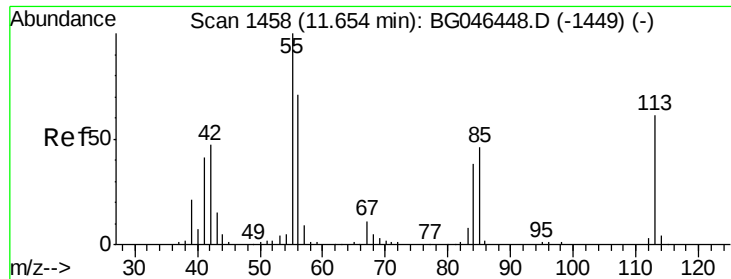
#34
Hexachlorobutadiene
Concen: 33.265 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		99778		
223	64.1	49.9	74.9		
227	62.1	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: 47.060 ng/mL

RT: 11.65 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

Tot Ion: 113 Resp: 68506

Ion Ratio Lower Upper

113 100

55 157.6 144.2 184.2

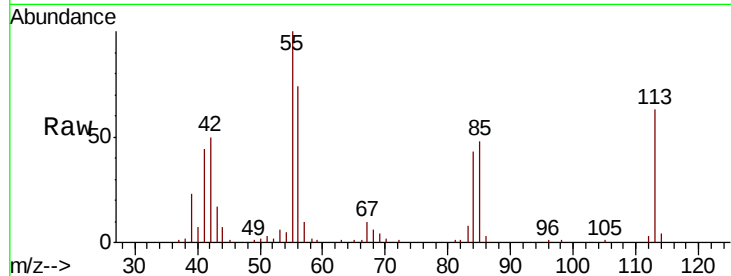
56 116.3 97.0 137.0

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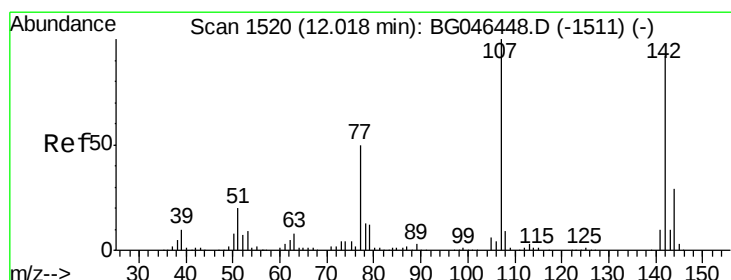
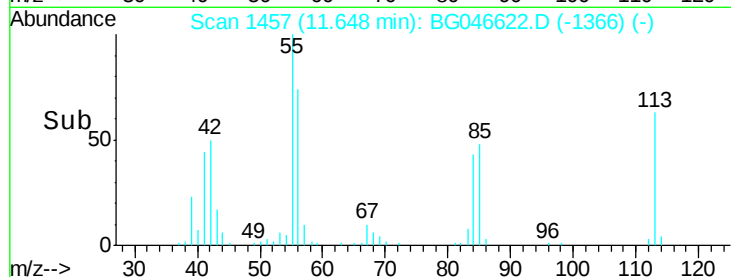
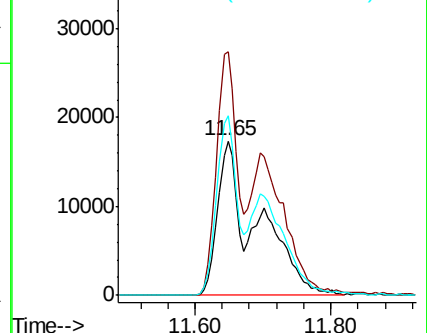
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 48.563 ng/mL

RT: 12.01 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

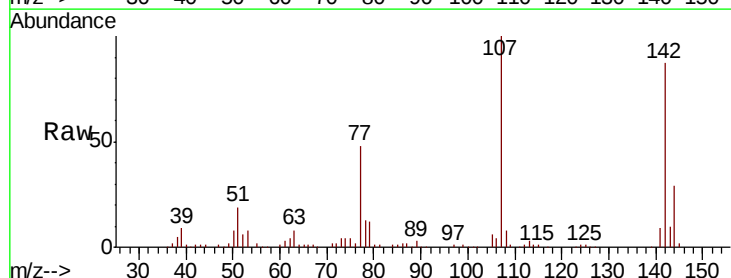
Tgt Ion: 107 Resp: 184970

Ion Ratio Lower Upper

107 100

144 29.0 23.3 34.9

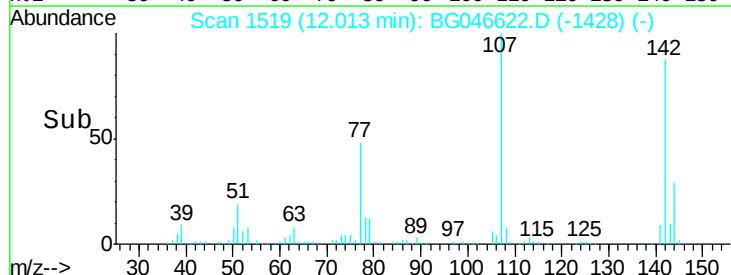
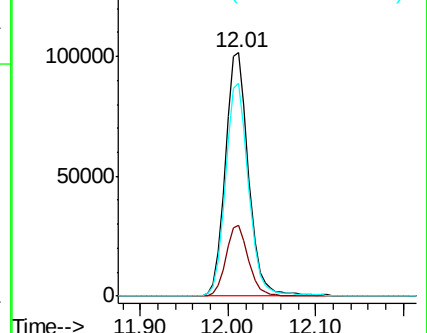
142 87.2 73.7 110.5

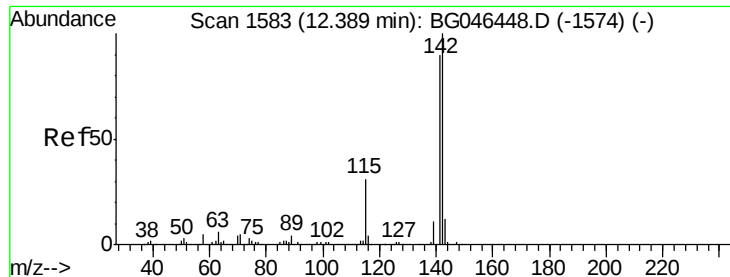


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





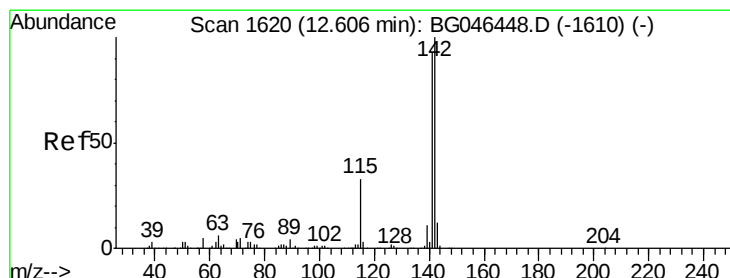
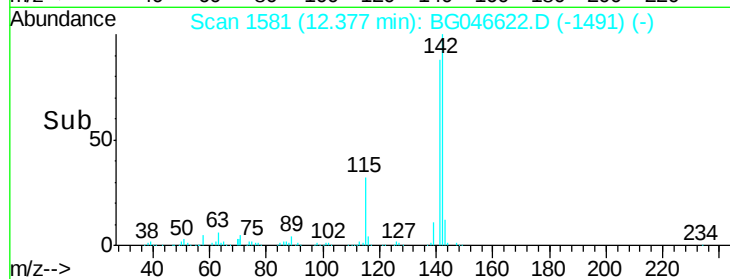
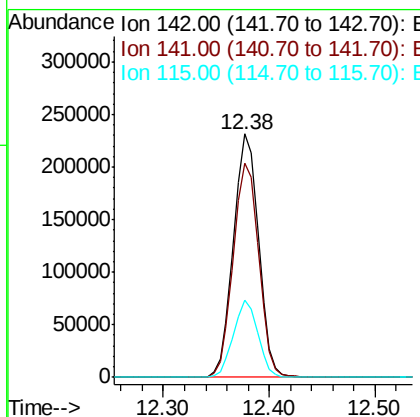
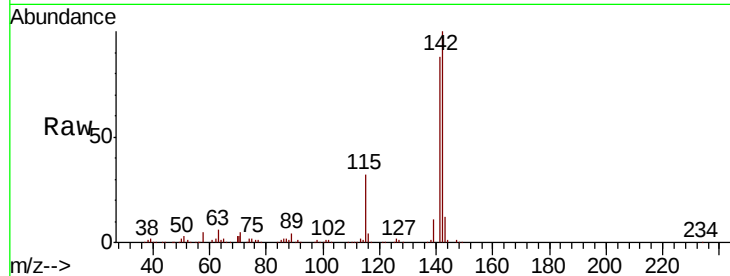
#37
2-Methylnaphthalene
Concen: 42.443 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.1	108.1
115	31.6	24.9	37.3

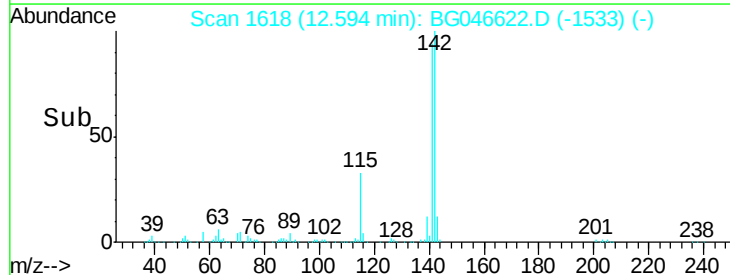
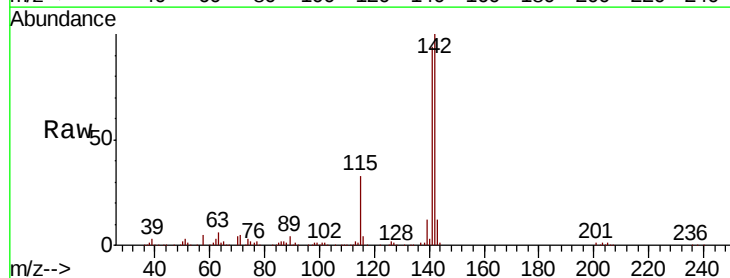
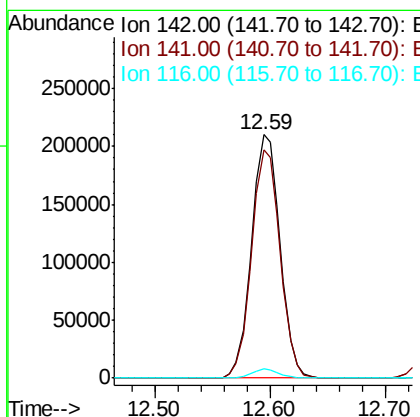
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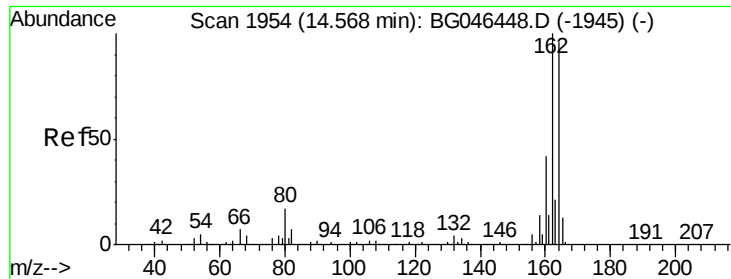
mohammad
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#38
1-Methylnaphthalene
Concen: 42.483 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.7	112.1
116	3.6	2.6	4.0





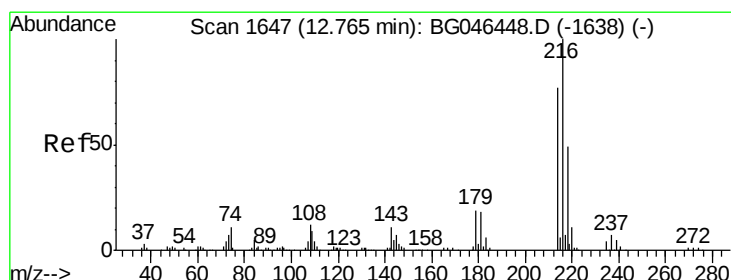
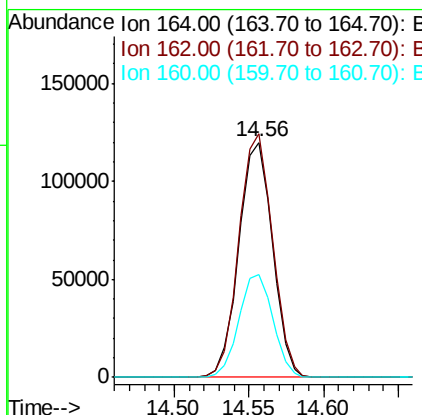
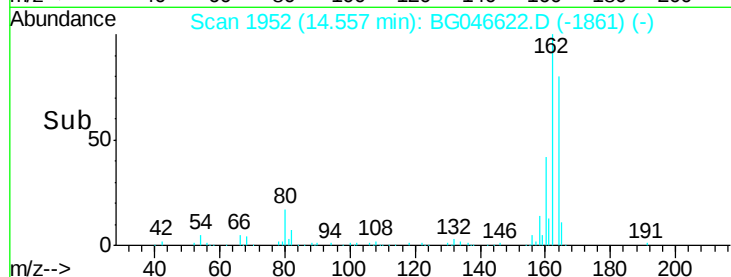
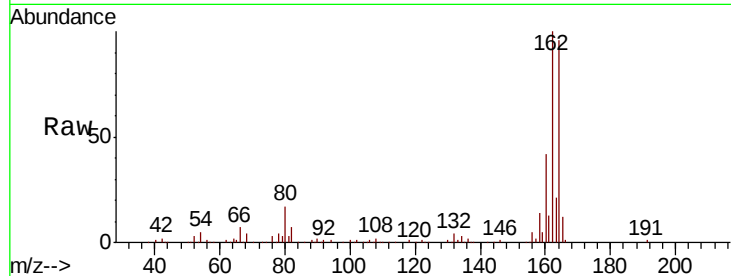
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.3	124.9
160	44.0	35.0	52.6

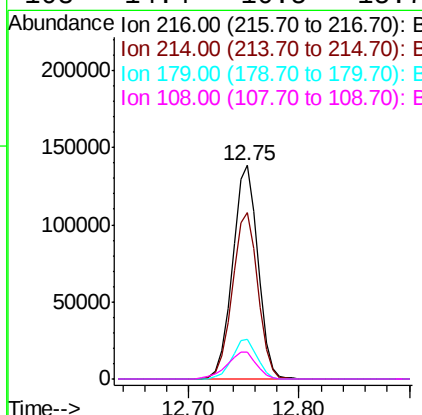
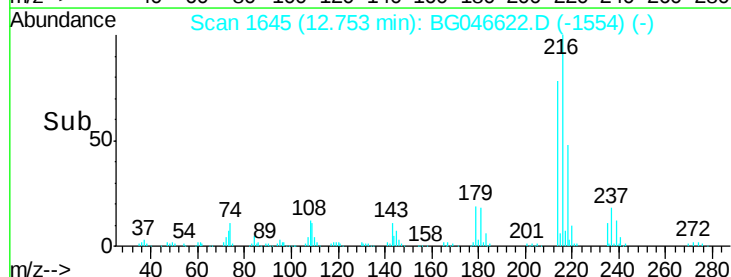
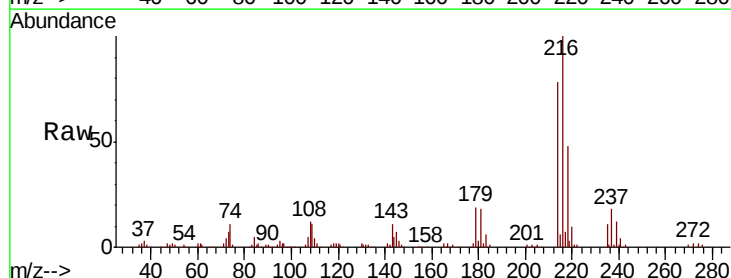
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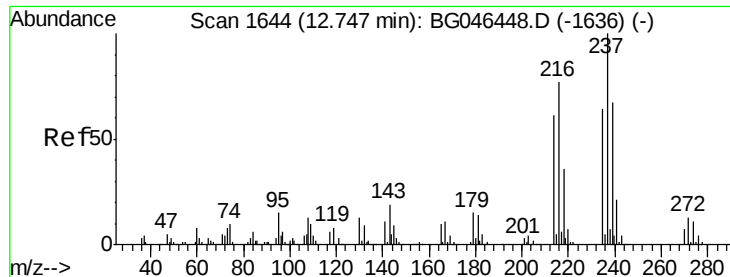
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.903 ng
RT: 12.75 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.1	93.1
179	18.6	14.9	22.3
108	14.4	10.5	15.7





#41

Hexachlorocyclopentadiene

Concen: 84.144 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

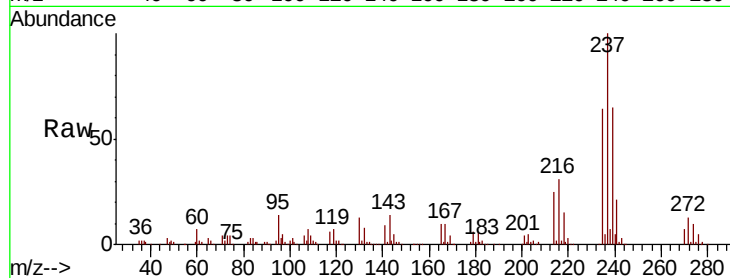
ClientSampleId :

PB131588BSD

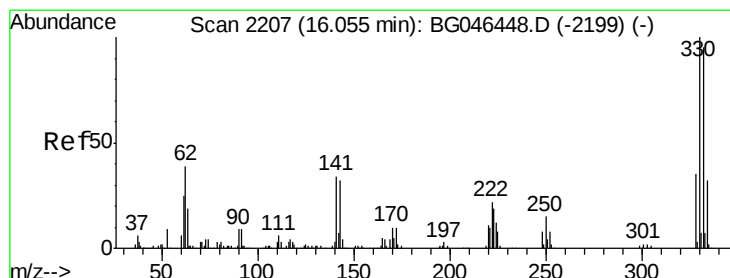
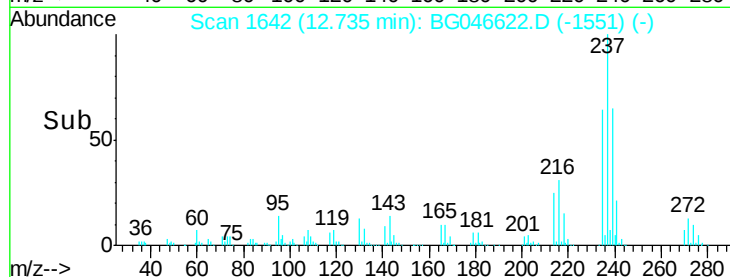
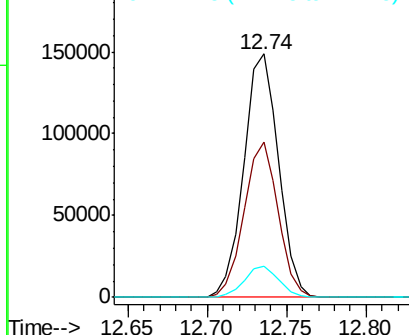
Tot Ion:	237	Resp:	226505
Ion Ratio	Lower	Upper	
237	100		
235	63.7	44.5	84.5
272	13.0	0.0	32.8

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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: 102.035 ng

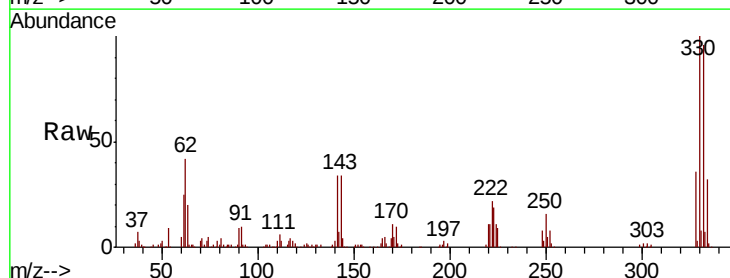
RT: 16.04 min Scan# 2205

Delta R.T. 0.00 min

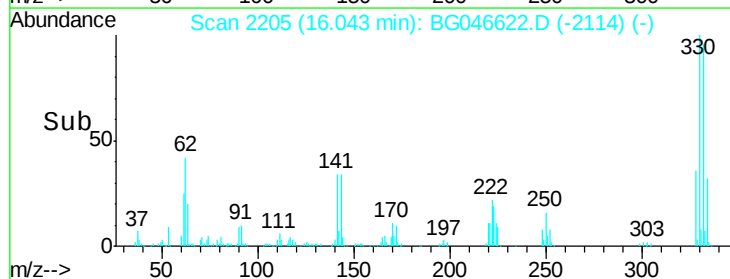
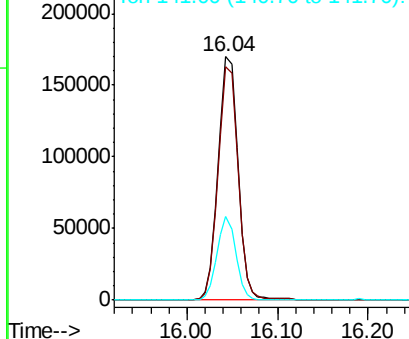
Lab File: BG046622.D

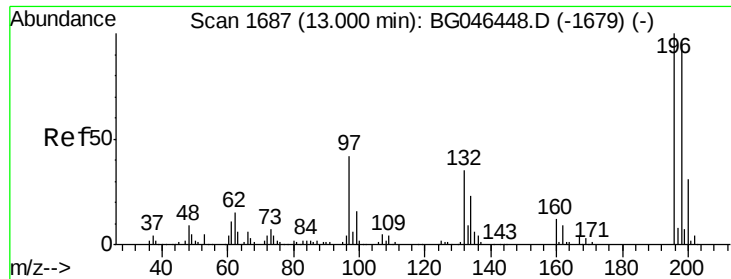
Acq: 15 Sep 2020 13:19

Tgt Ion:	330	Resp:	259540
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.1	114.1
141	32.5	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





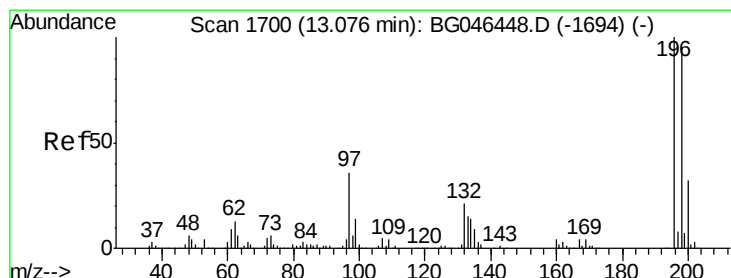
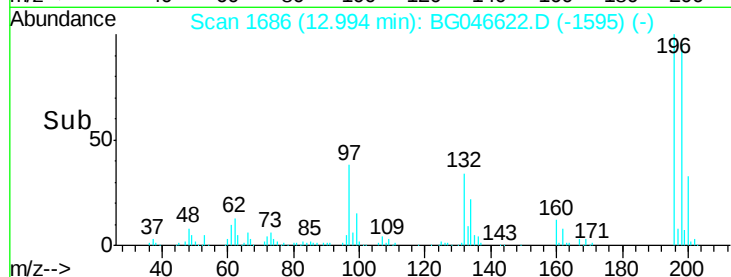
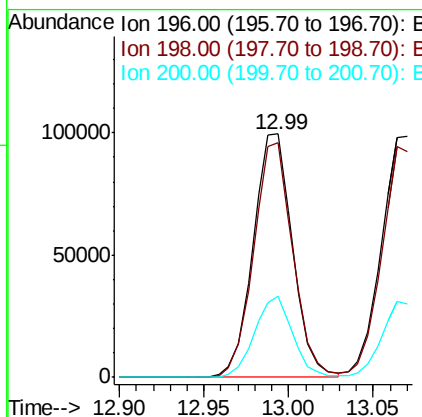
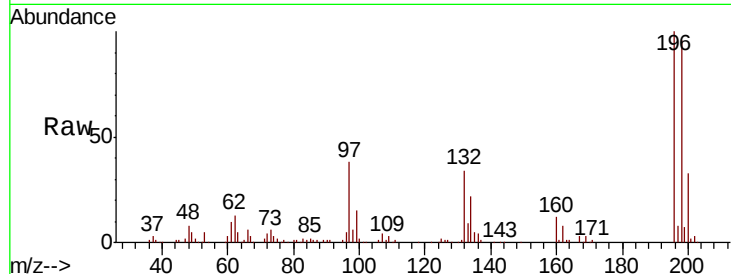
#43
 2,4,6-Trichlorophenol
 Concen: 38.522 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	160933		
198	96.4	77.0	115.6	
200	33.1	25.2	37.8	

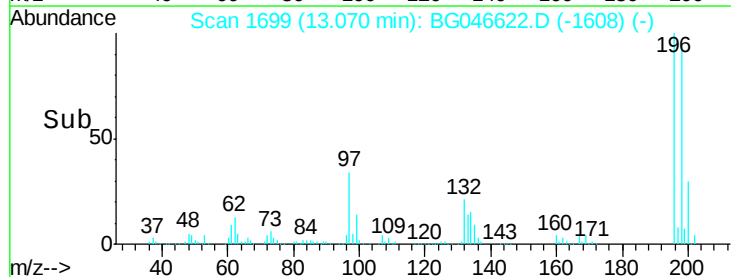
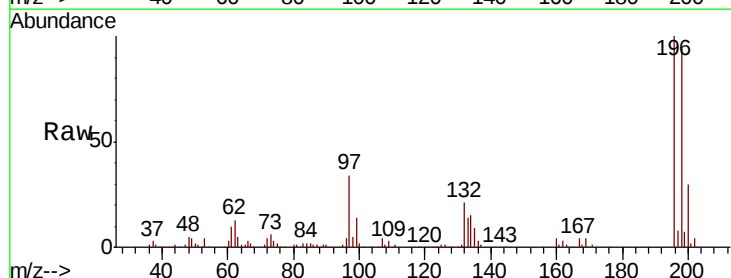
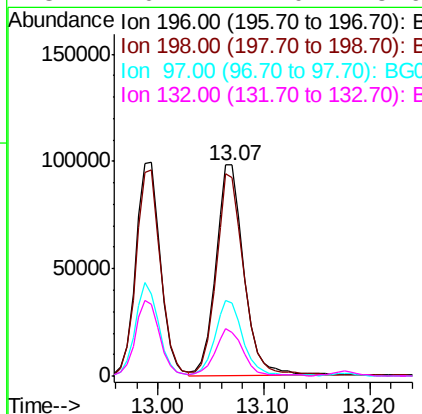
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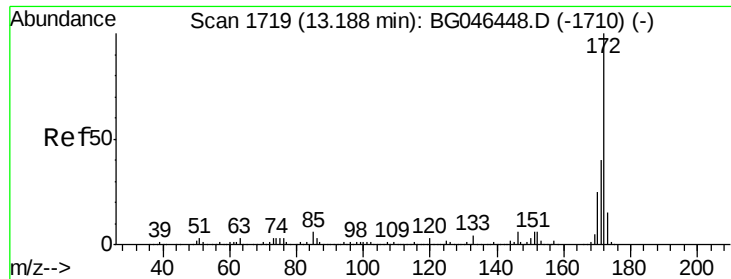
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#44
 2,4,5-Trichlorophenol
 Concen: 41.061 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180232		
198	93.7	75.6	113.4	
97	34.4	28.6	43.0	
132	20.7	17.0	25.6	





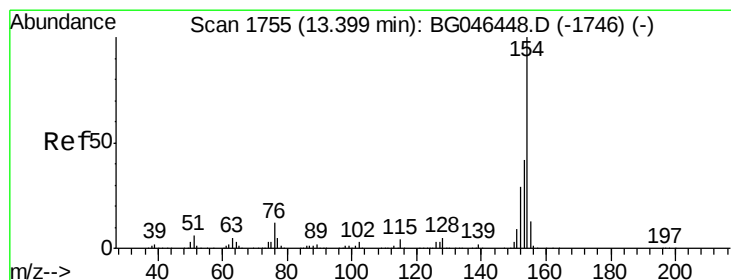
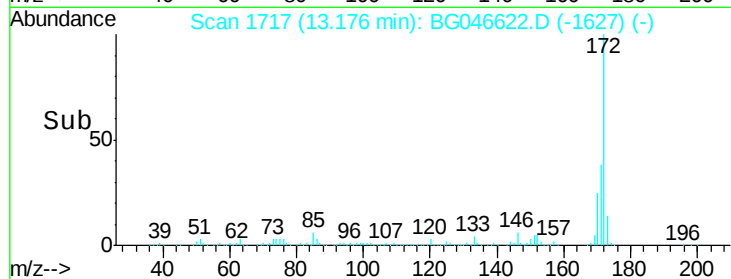
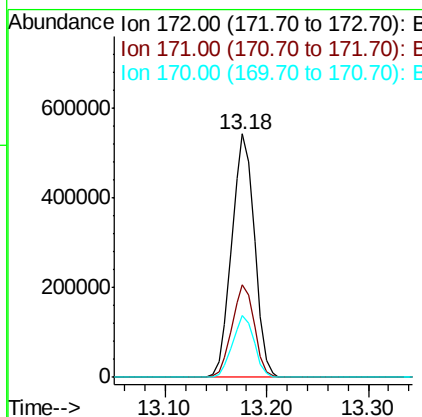
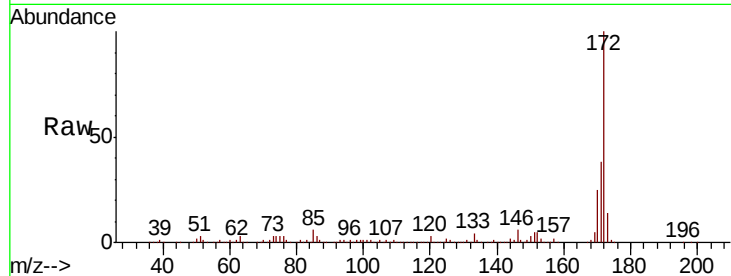
#45
2-Fluorobiphenyl
Concen: 68.512 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.8	47.6
170	25.4	20.3	30.5

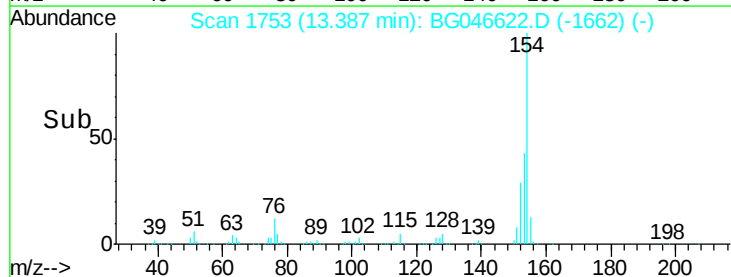
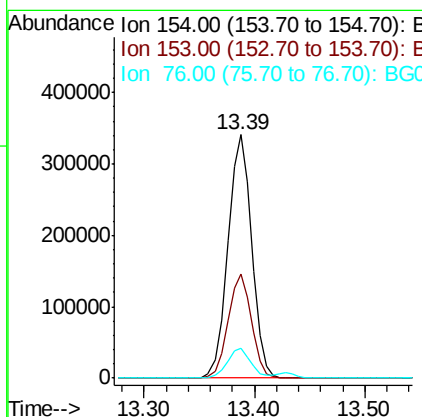
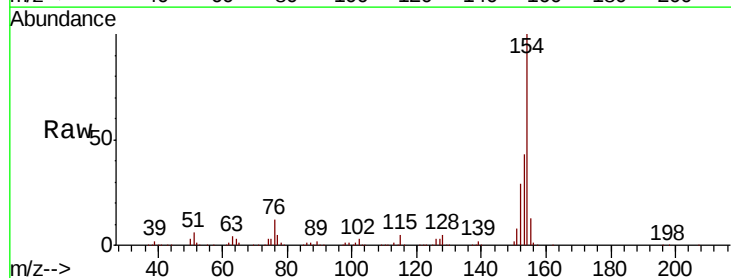
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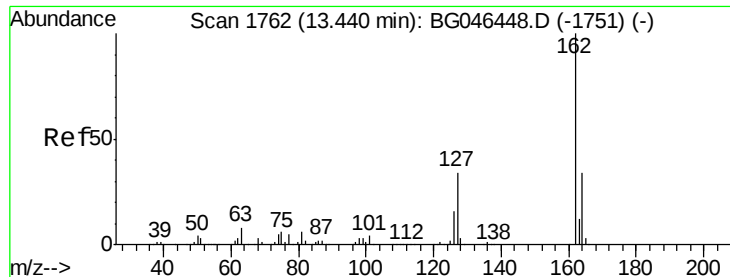
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#46
1,1'-Biphenyl
Concen: 39.171 ng
RT: 13.39 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.0	62.0
76	12.1	0.0	32.3





#47

2-Chloronaphthalene

Concen: 36.111 ng

RT: 13.43 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

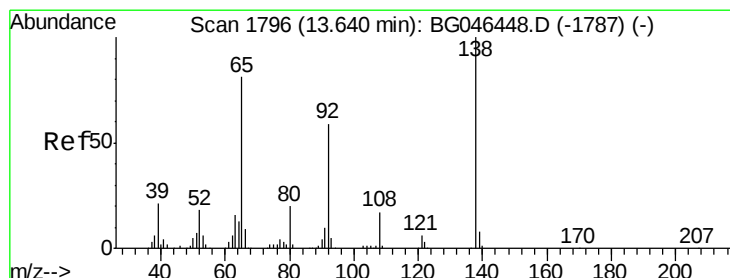
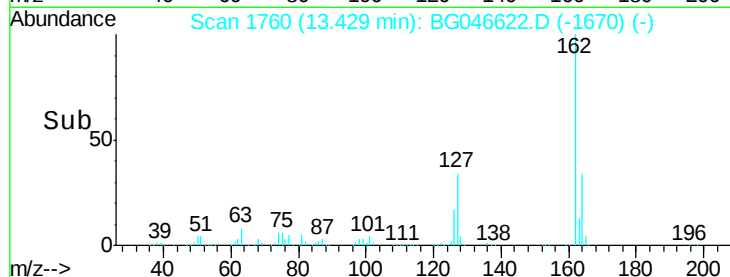
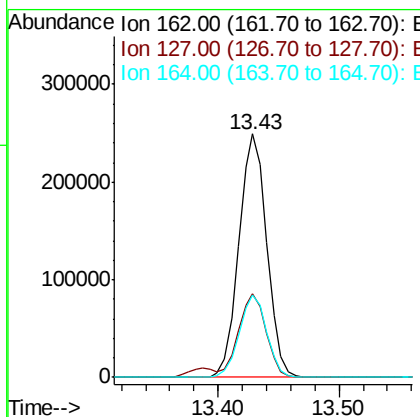
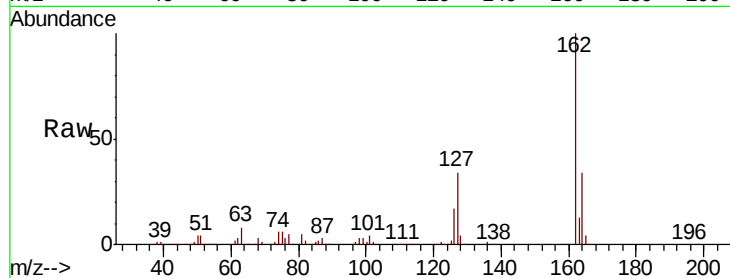
ClientSampleId :

PB131588BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	399902		
127	34.2		27.6	41.4
164	33.7		27.3	40.9

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#48

2-Nitroaniline

Concen: 39.431 ng

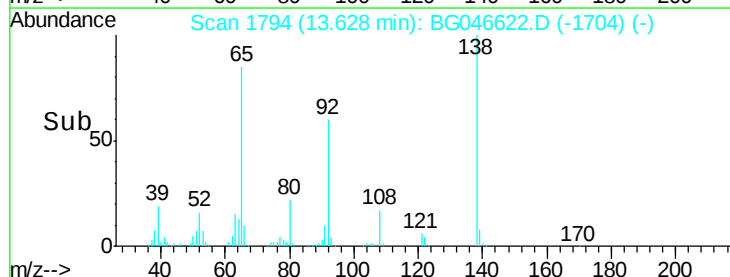
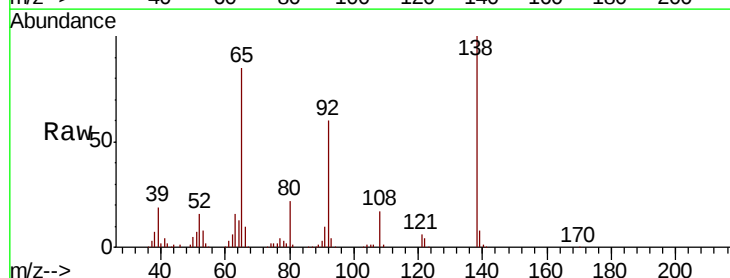
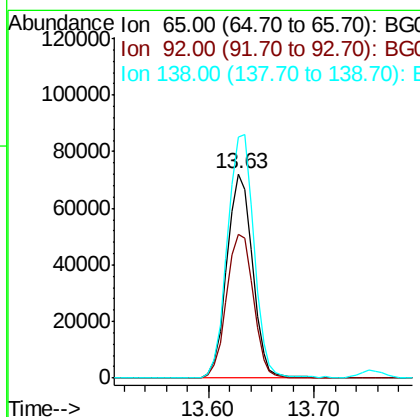
RT: 13.63 min Scan# 1794

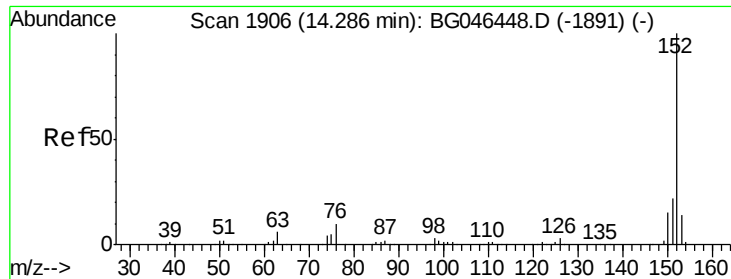
Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	121252		
92	70.4		58.5	87.7
138	118.1		98.4	147.6





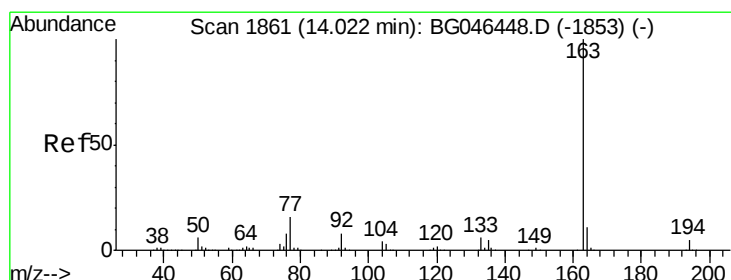
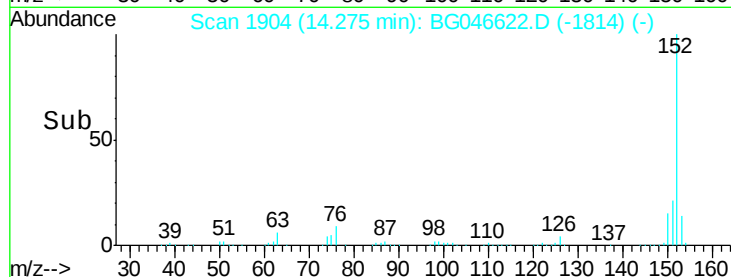
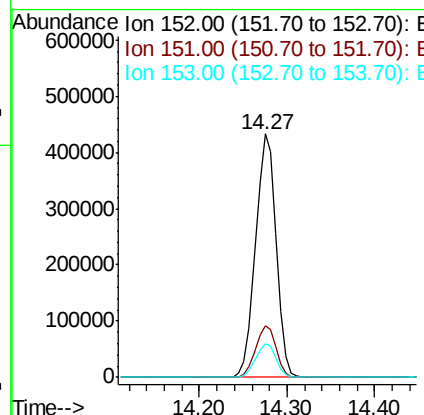
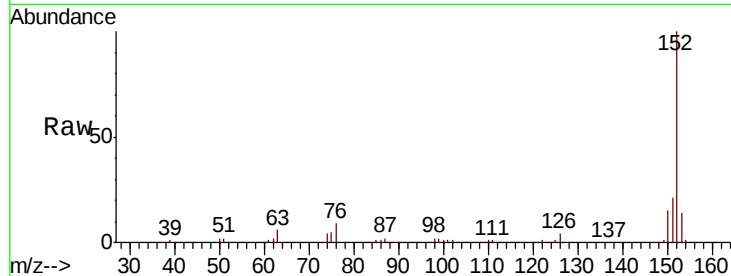
#49
Acenaphthylene
Concen: 40.674 ng
RT: 14.27 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	683273		
151	20.9		17.7	26.5
153	14.1		11.2	16.8

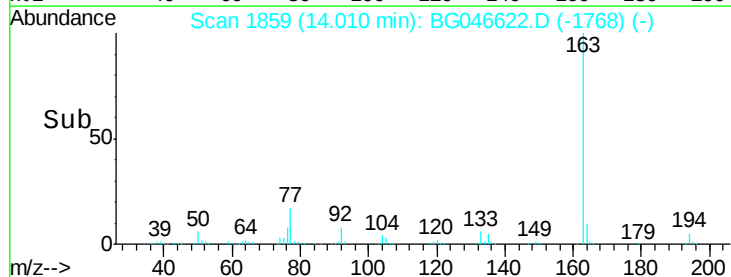
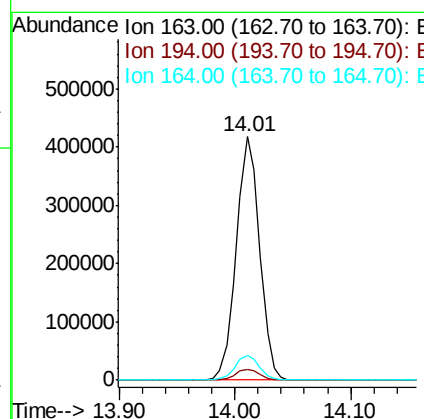
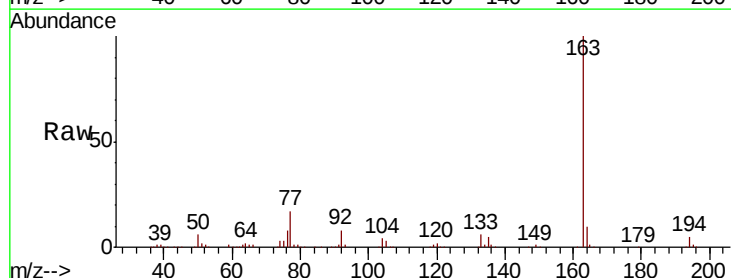
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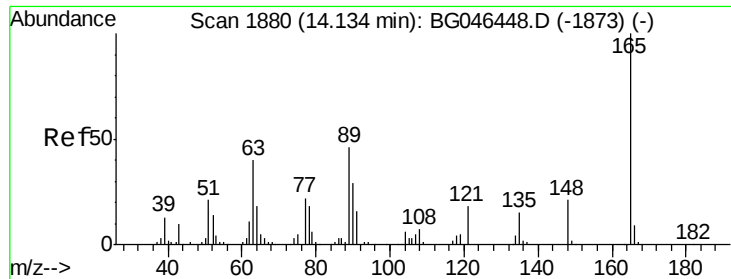
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#50
Dimethylphthalate
Concen: 40.287 ng
RT: 14.01 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	585130		
194	4.6		3.7	5.5
164	10.0		8.6	12.8





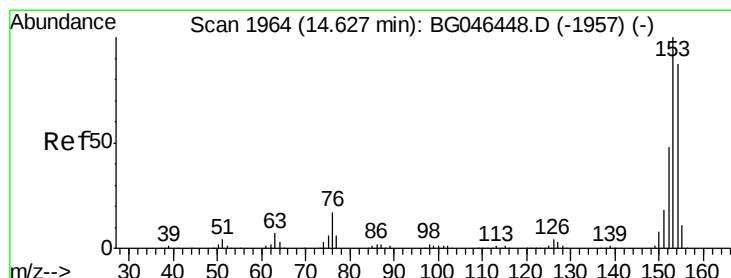
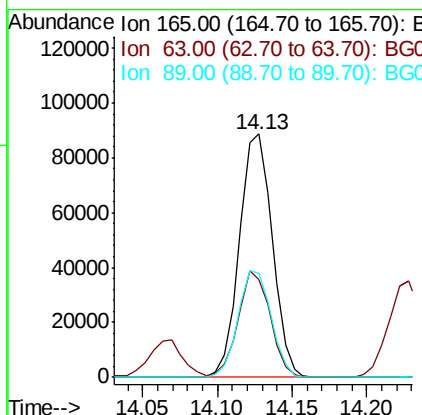
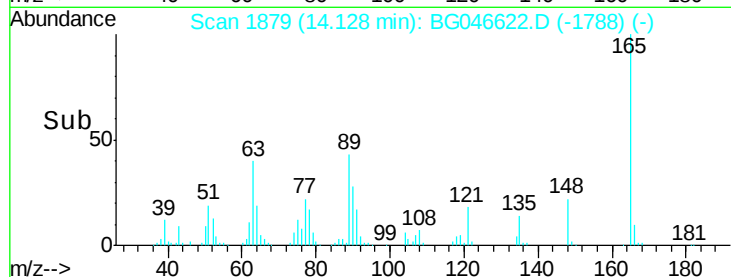
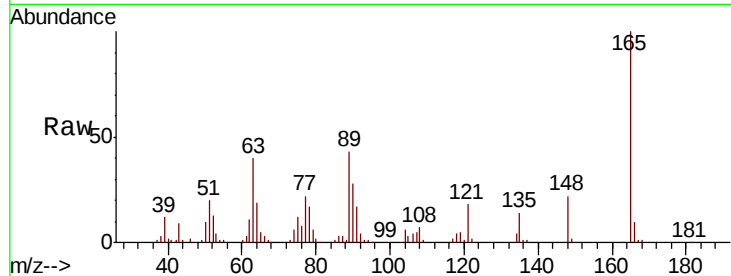
#51
 2,6-Dinitrotoluene
 Concen: 42.383 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. 0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.0	34.2	51.4
89	42.6	37.0	55.4

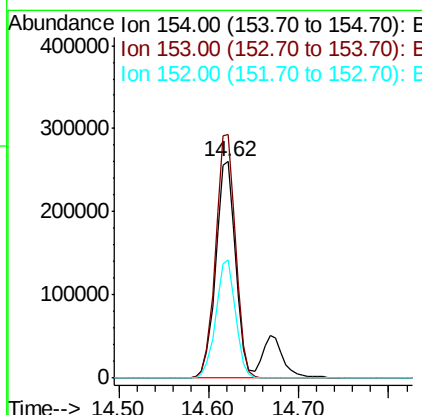
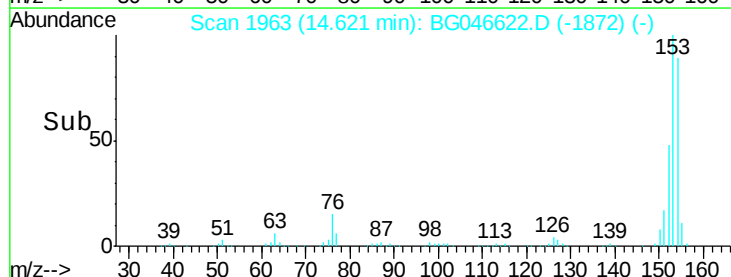
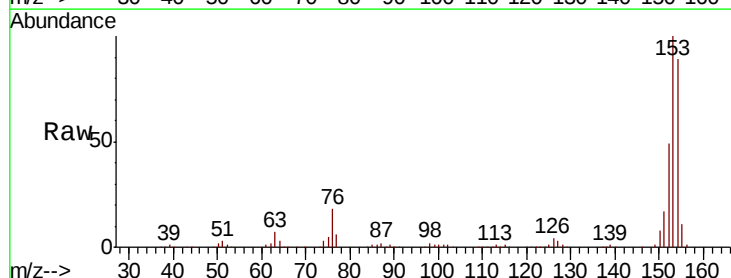
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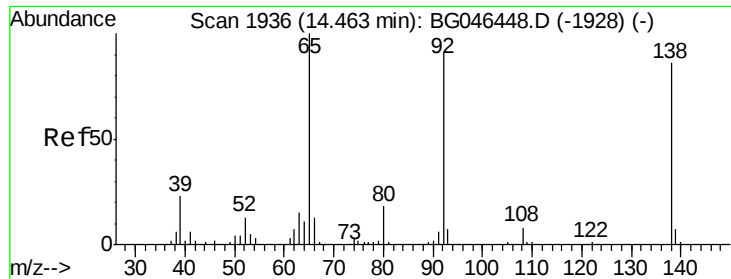
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#52
 Acenaphthene
 Concen: 47.051 ng m
 RT: 14.62 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.9	137.9
152	54.6	43.8	65.6





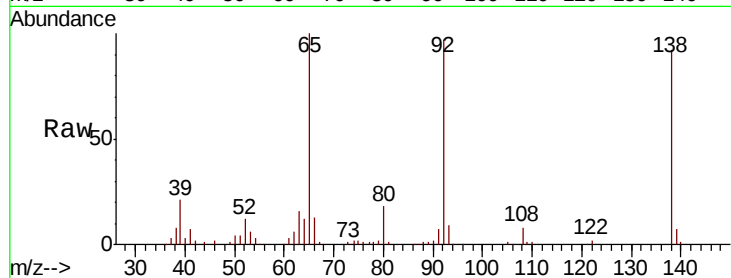
#53
3-Nitroaniline
Concen: 31.680 ng
RT: 14.46 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

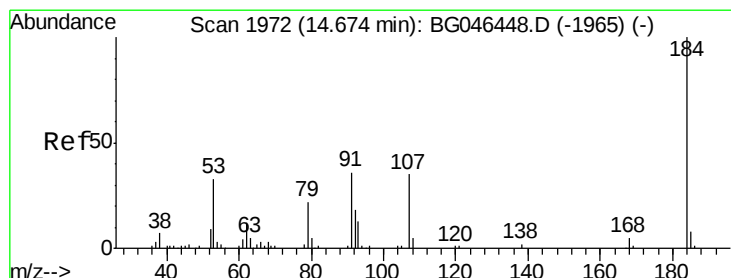
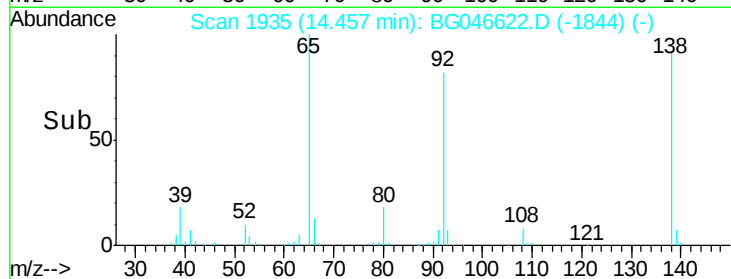
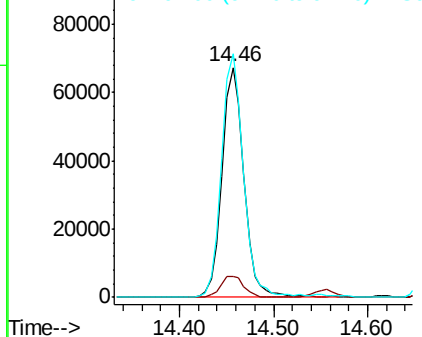
Tot Ion	Ratio	Resp	Lower	Upper
138	100	109864		
108	9.1	7.0	10.6	
92	105.8	84.6	127.0	

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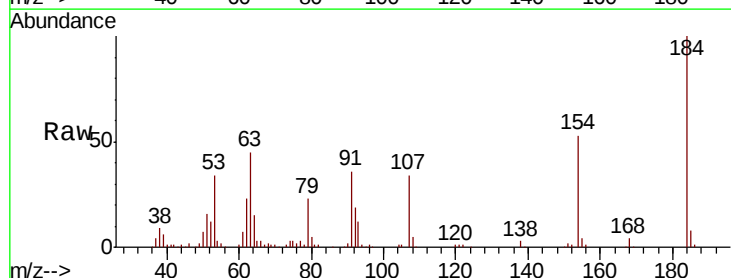


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

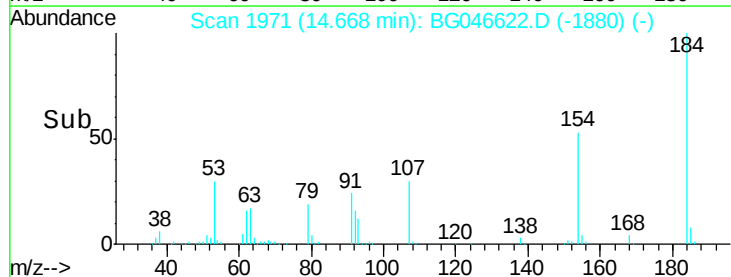
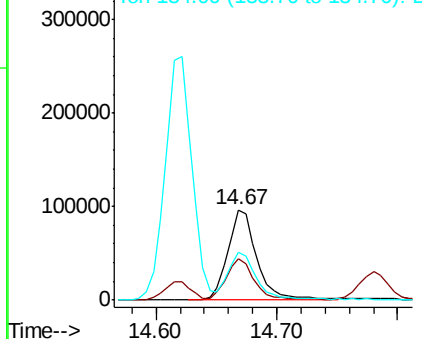


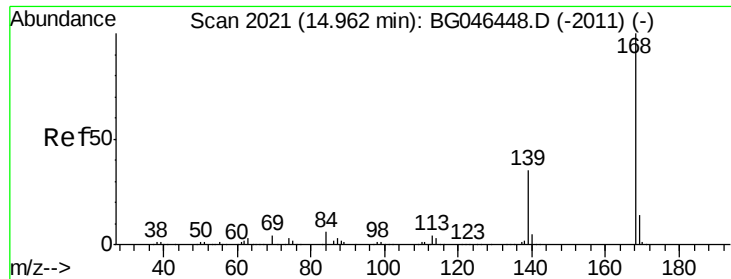
#54
2,4-Dinitrophenol
Concen: 86.485 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	161622		
63	45.3	35.6	53.4	
154	53.4	44.3	66.5	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





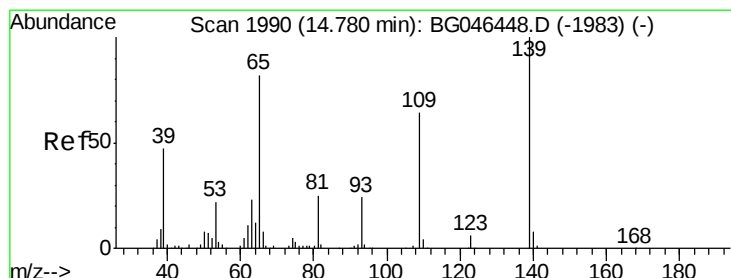
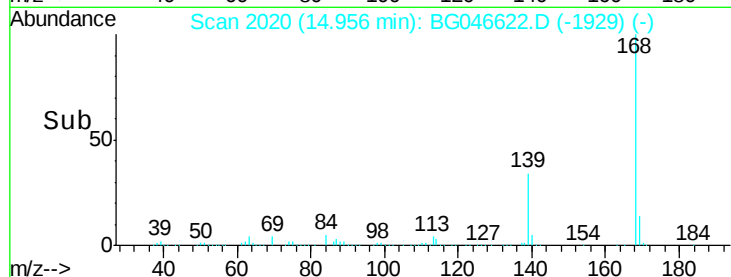
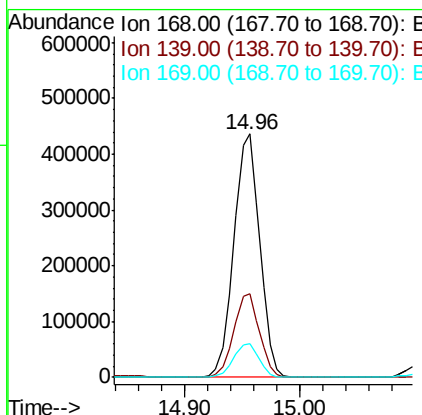
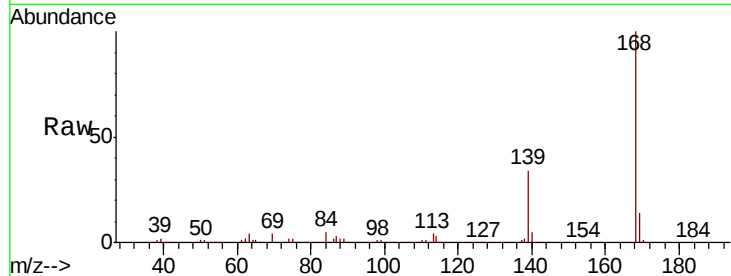
#55
Dibenzofuran
Concen: 40.441 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	675610		
139	34.2	28.1	42.1	
169	13.9	11.5	17.3	

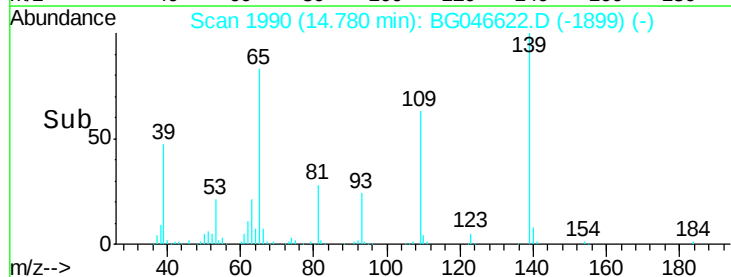
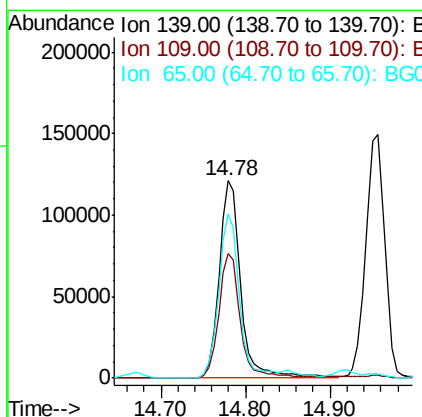
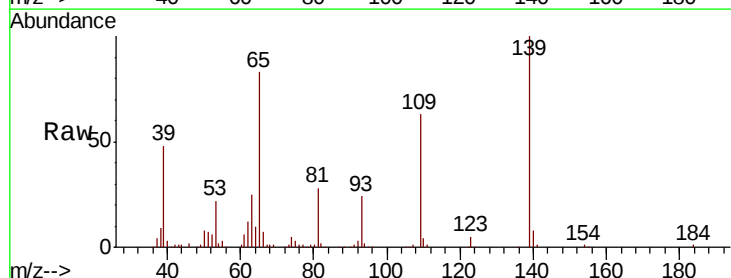
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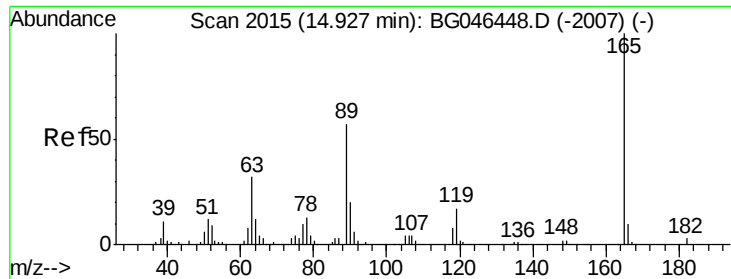
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#56
4-Nitrophenol
Concen: 84.547 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	215787		
109	63.3	44.3	84.3	
65	83.1	61.5	101.5	





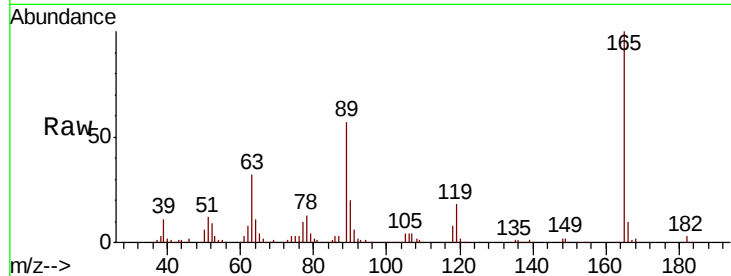
#57
2,4-Dinitrotoluene
Concen: 42.084 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

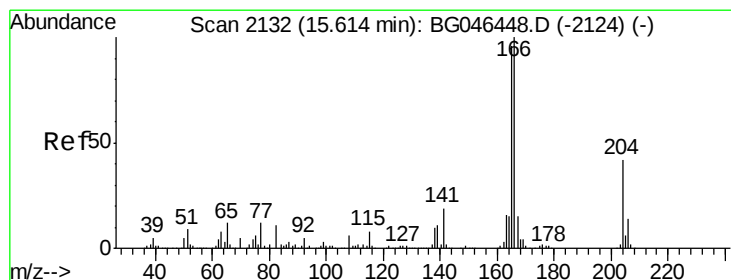
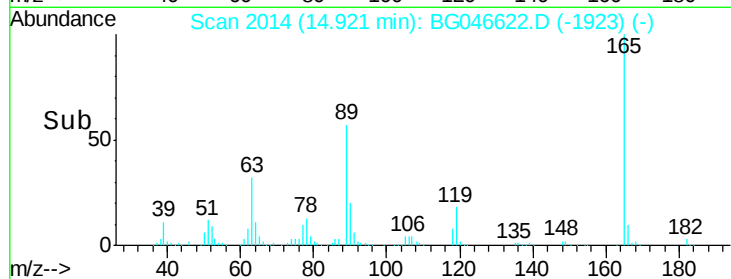
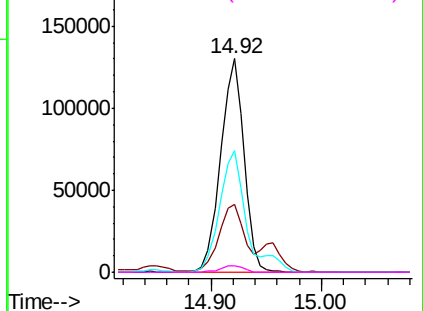
Tot Ion	Ratio	Resp	Lower	Upper
165	100	192118		
63	32.0	25.4	38.0	
89	56.7	45.9	68.9	
182	3.0	2.3	3.5	

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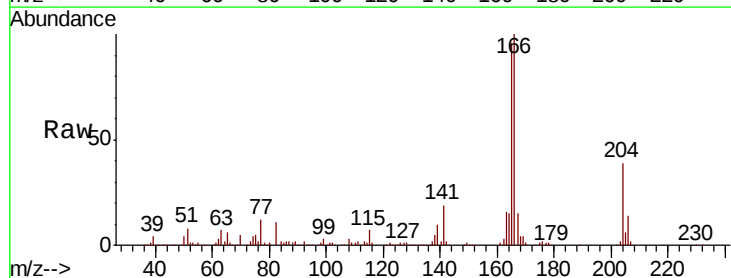


Abundance Ion 165.00 (164.70 to 165.70): E
200000
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

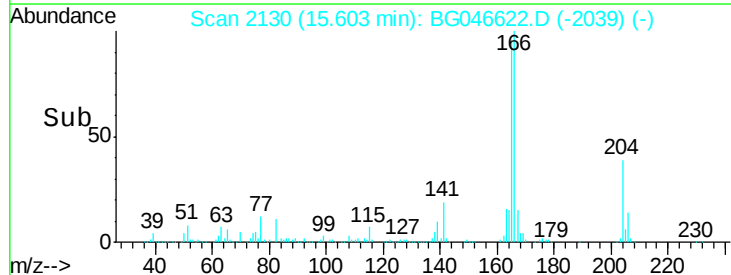
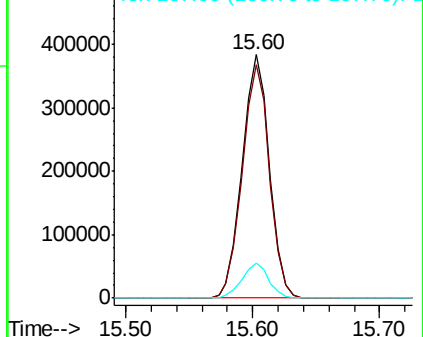


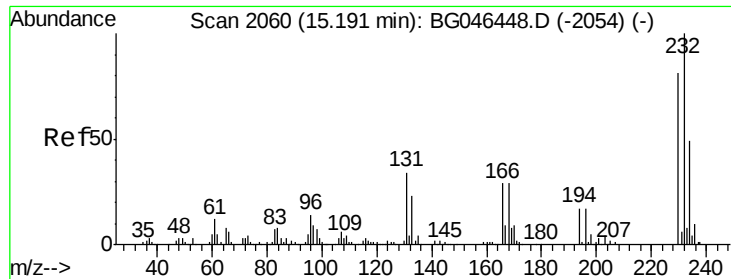
#58
Fluorene
Concen: 40.622 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	569585		
165	95.6	77.0	115.4	
167	14.6	11.8	17.6	



Abundance Ion 166.00 (165.70 to 166.70): E
500000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





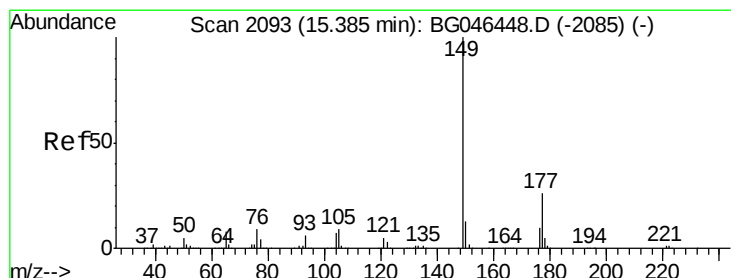
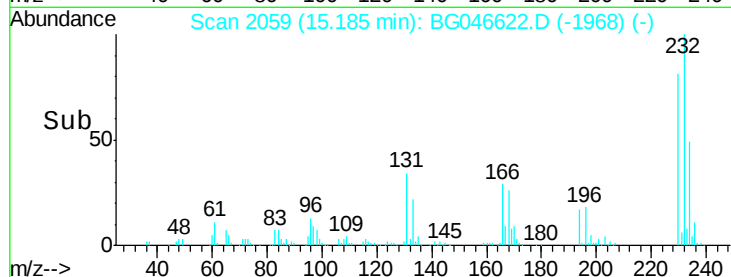
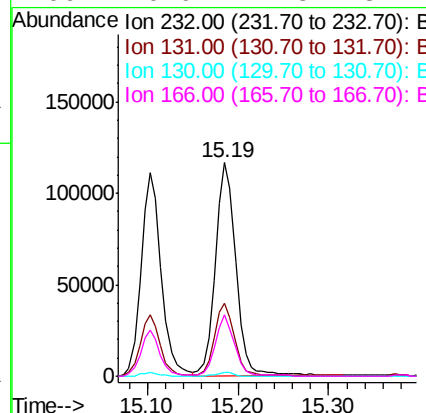
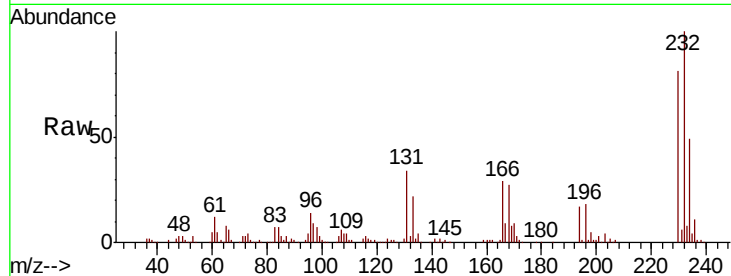
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.967 ng
RT: 15.19 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	183142		
131	33.4	26.8	40.2	
130	1.7	1.4	2.2	
166	26.9	22.8	34.2	

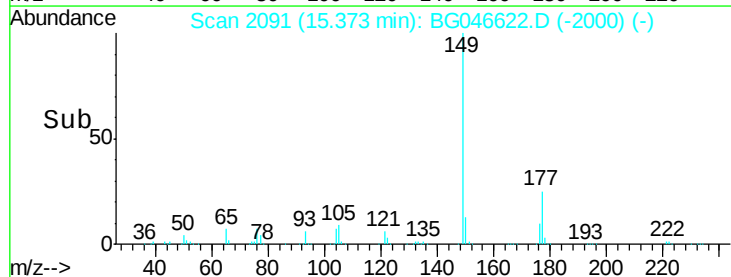
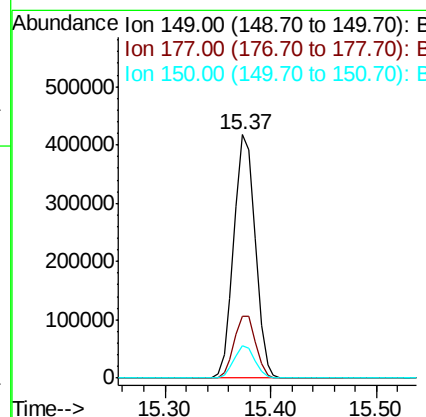
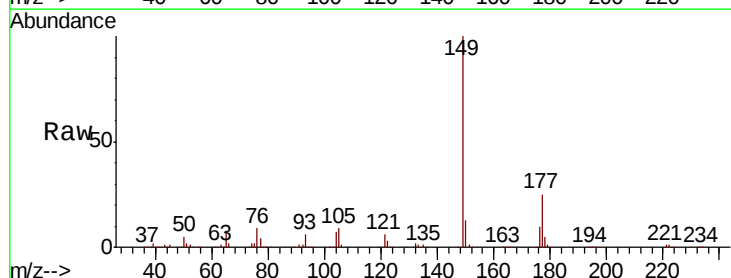
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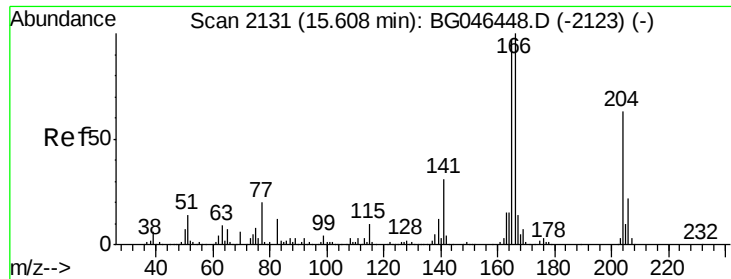
mohammad
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#60
Diethylphthalate
Concen: 41.070 ng
RT: 15.37 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	581583		
177	25.4	20.6	30.8	
150	13.1	10.3	15.5	





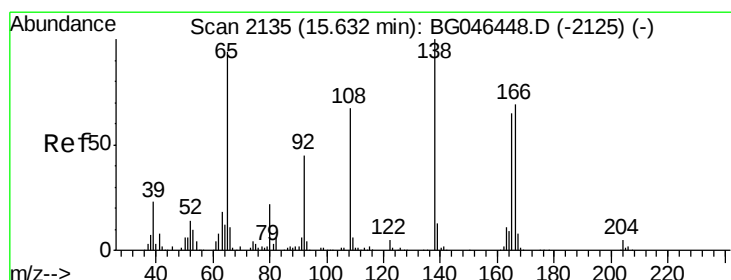
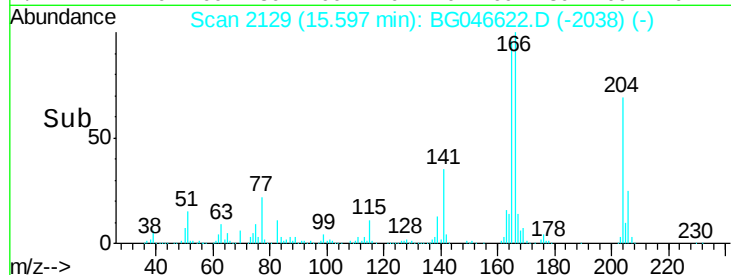
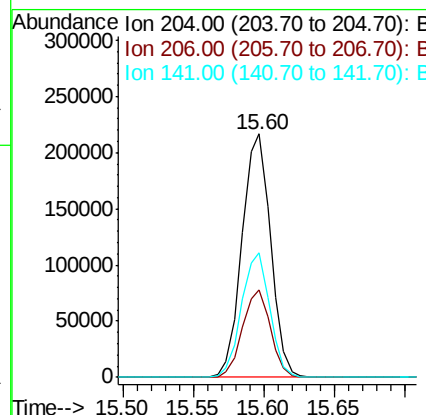
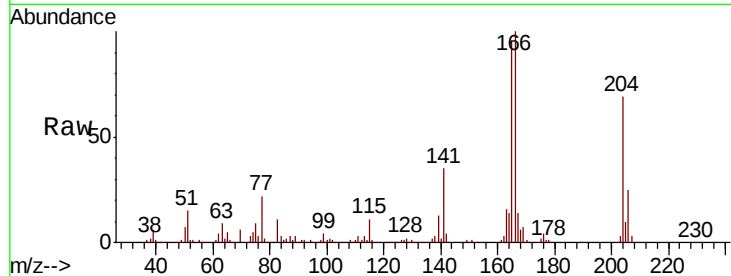
#61
4-Chlorophenyl-phenylether
Concen: 39.525 ng
RT: 15.60 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	305218		
206	35.8	27.7	41.5	
141	51.2	38.7	58.1	

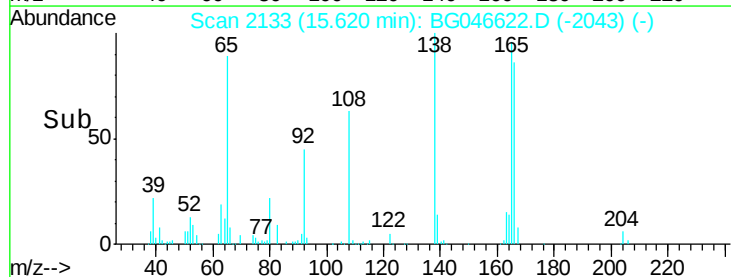
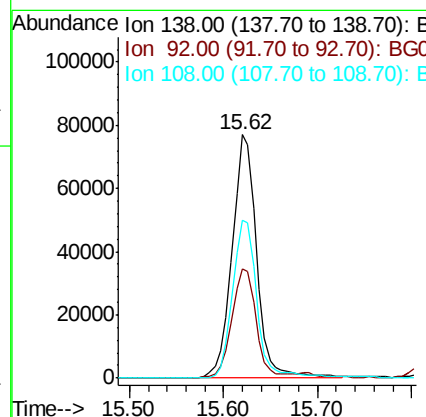
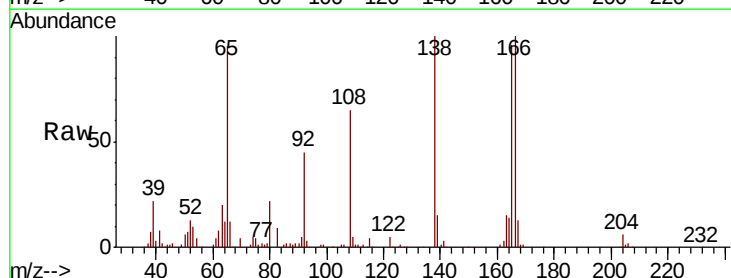
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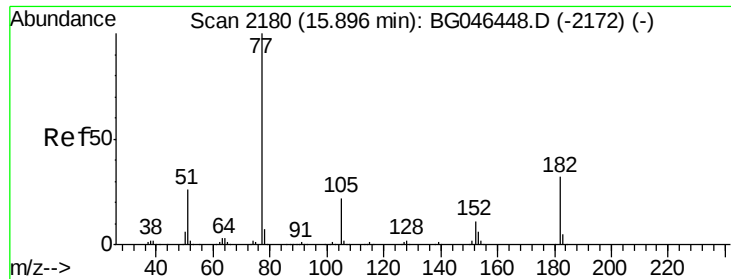
mohammad
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#62
4-Nitroaniline
Concen: 38.367 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	140392		
92	45.1	25.3	65.3	
108	65.1	46.7	86.7	





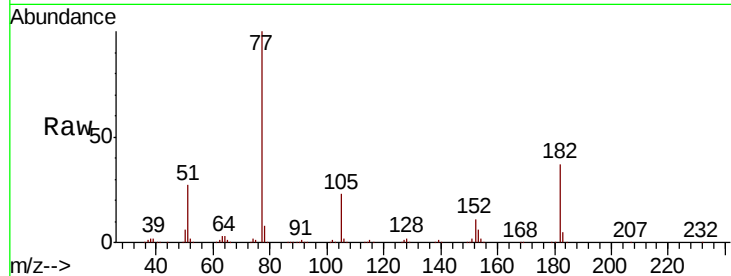
#63
Azobenzene
Concen: 41.555 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

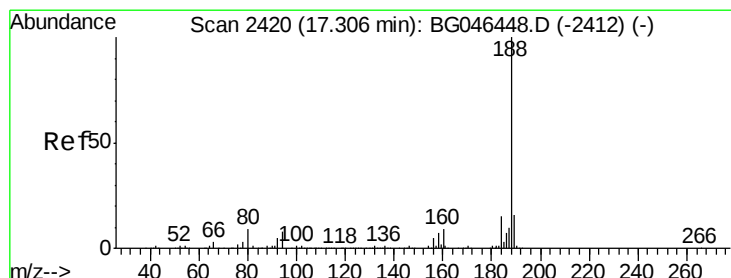
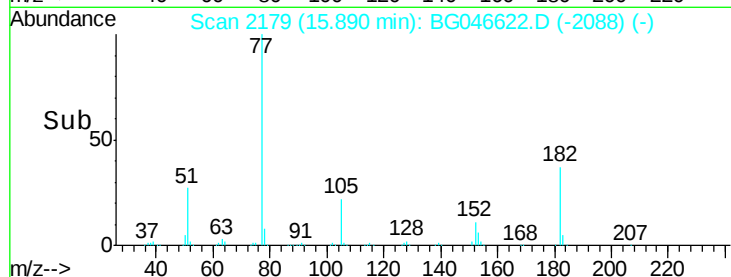
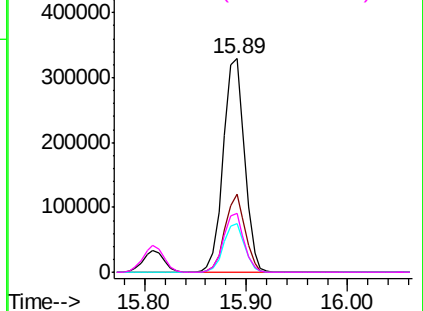
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		478665		
182	36.5	12.3	52.3		
105	22.8	2.3	42.3		
51	27.5	6.5	46.5		

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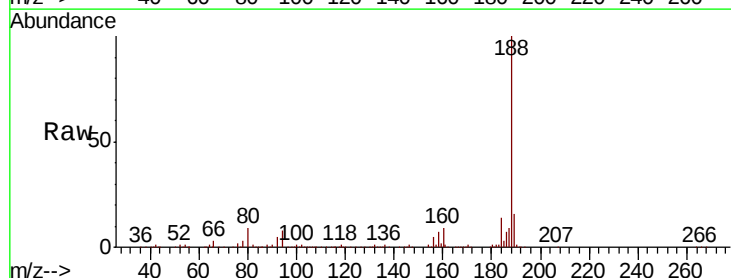


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

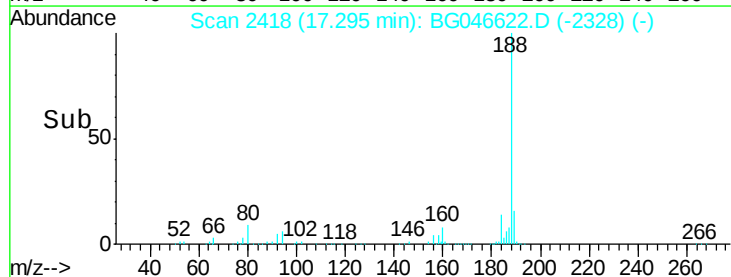
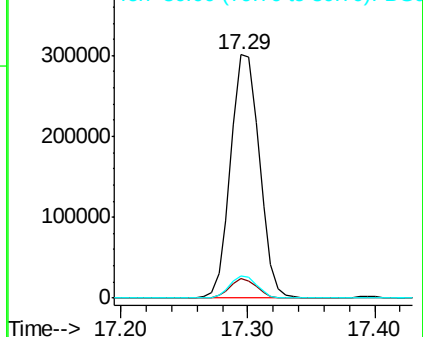


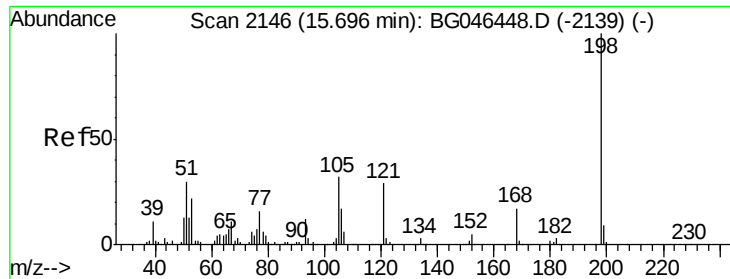
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		473134		
94	7.9	6.3	9.5		
80	9.0	6.9	10.3		



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





#65

4,6-Dinitro-2-methylphenol

Concen: 45.873 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

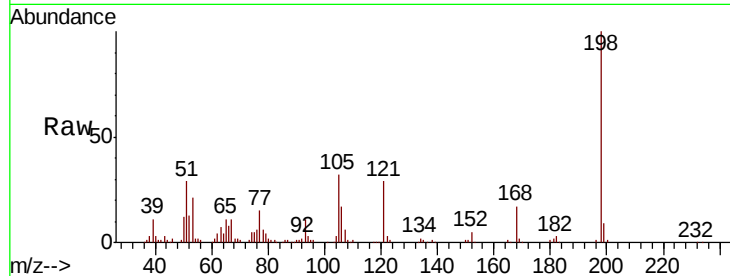
ClientSampleId :

PB131588BSD

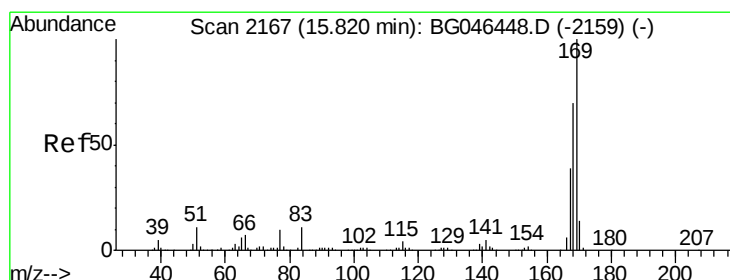
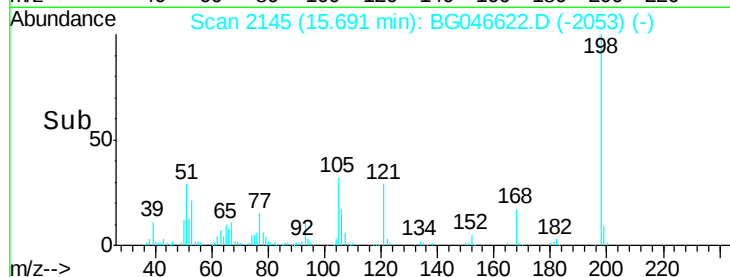
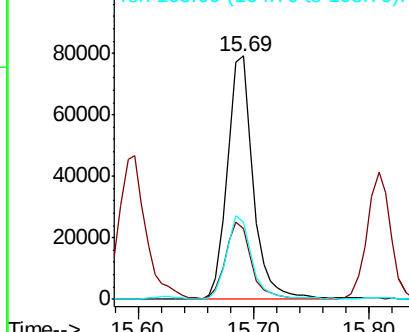
Tot Ion:	198	Resp:	122847
Ion Ratio	Lower	Upper	
198	100		
51	29.2	10.4	50.4
105	31.8	12.4	52.4

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.374 ng

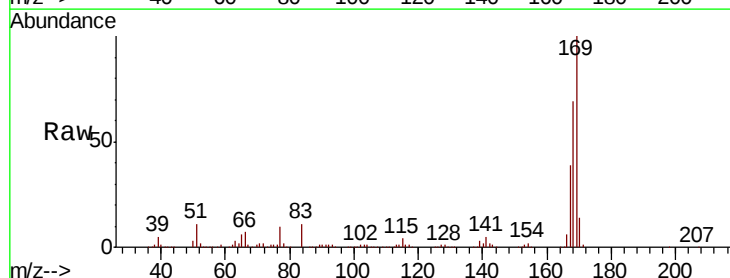
RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

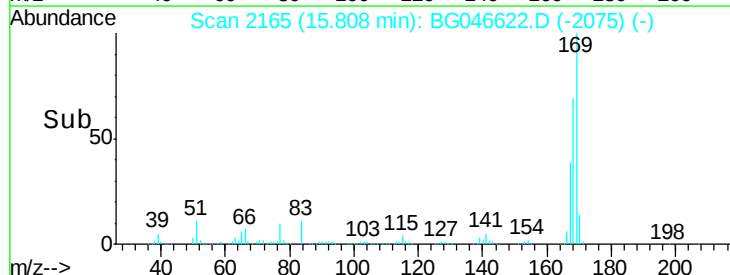
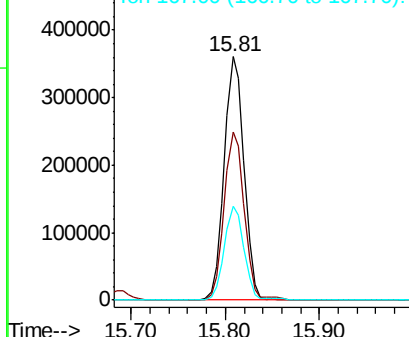
Lab File: BG046622.D

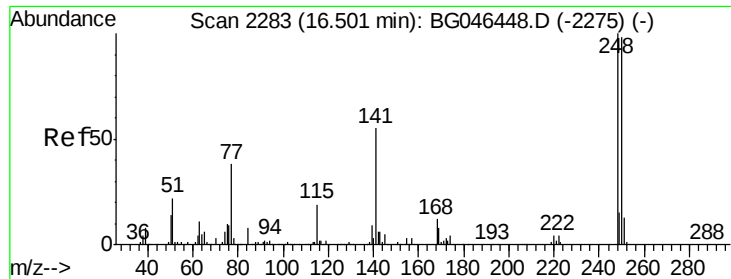
Acq: 15 Sep 2020 13:19

Tgt Ion:	169	Resp:	528103
Ion Ratio	Lower	Upper	
169	100		
168	69.1	55.8	83.8
167	38.7	31.0	46.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





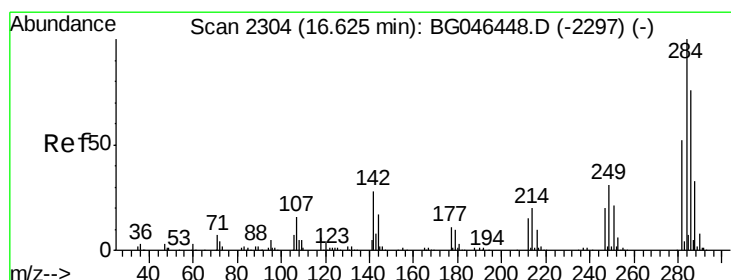
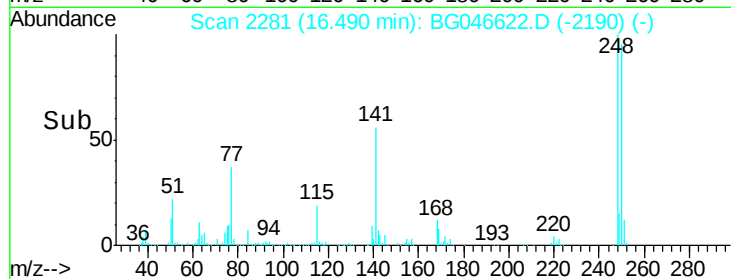
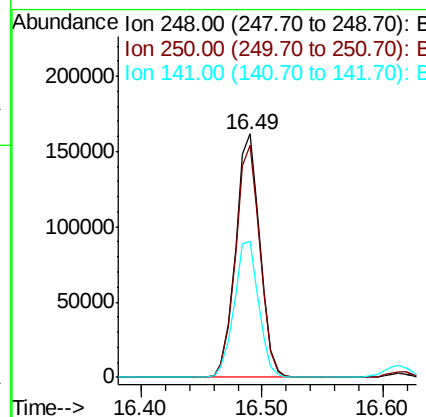
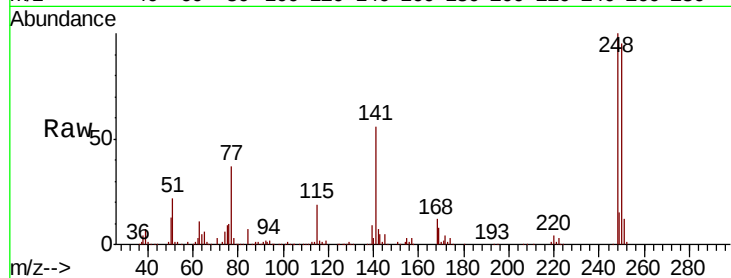
#67
4-Bromophenyl-phenylether
Concen: 40.852 ng
RT: 16.49 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	78.6	118.0
141	55.9	43.9	65.9

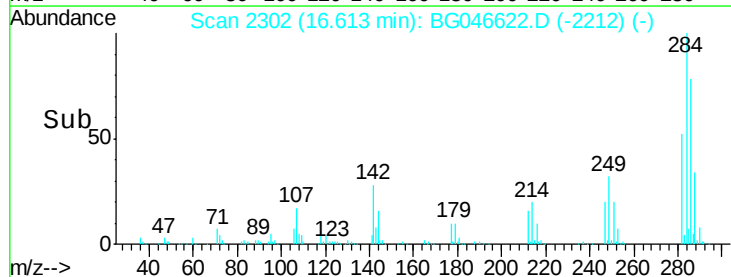
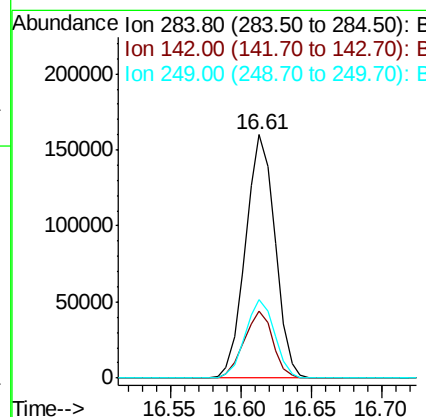
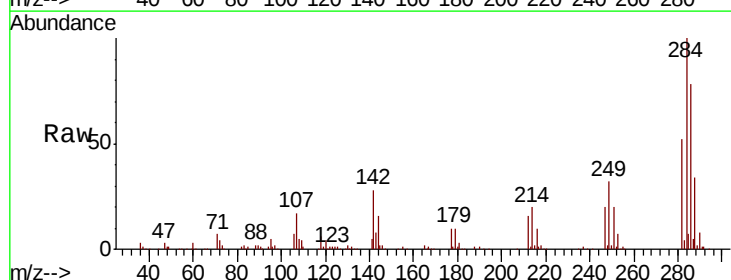
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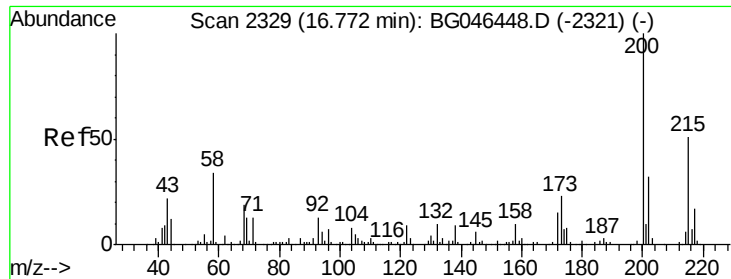
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#68
Hexachlorobenzene
Concen: 38.446 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	22.3	33.5
249	32.2	24.8	37.2





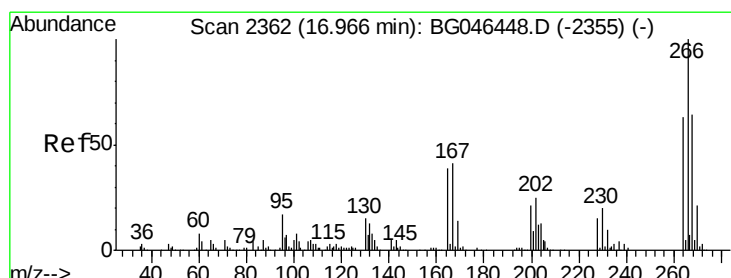
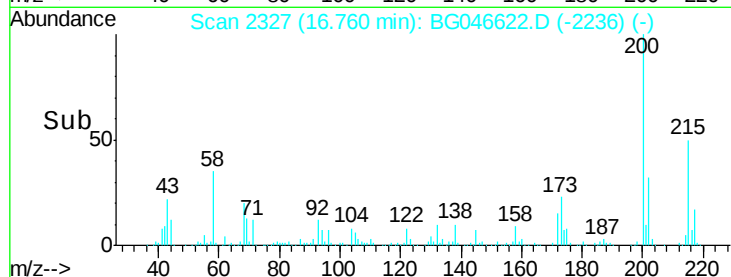
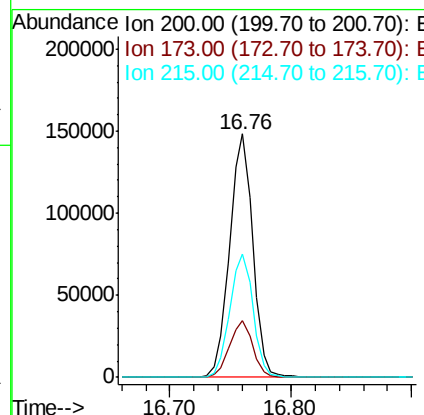
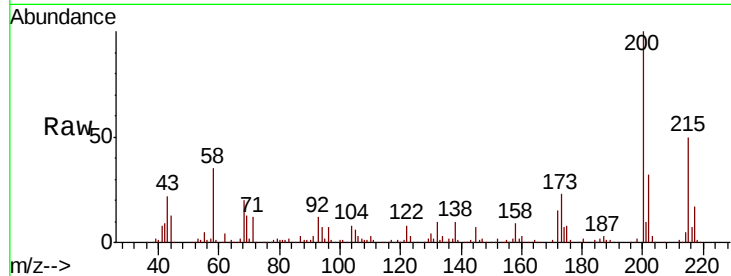
#69
 Atrazine
 Concen: 37.837 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.2	3.3	43.3
215	50.4	30.9	70.9

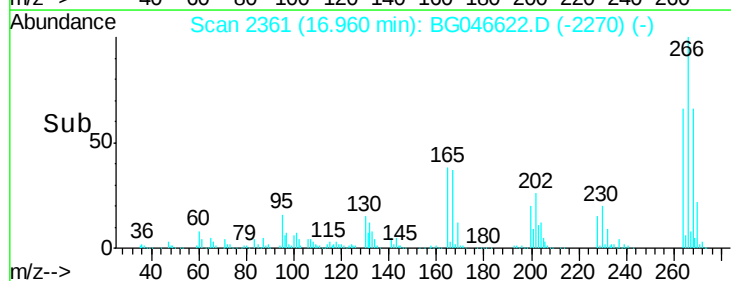
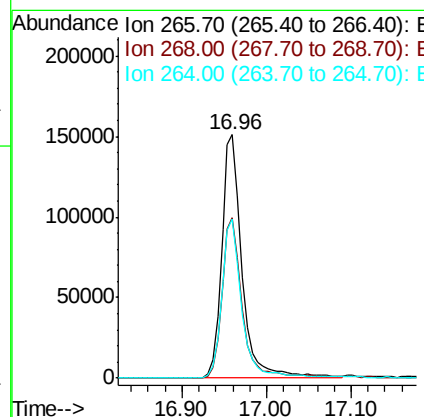
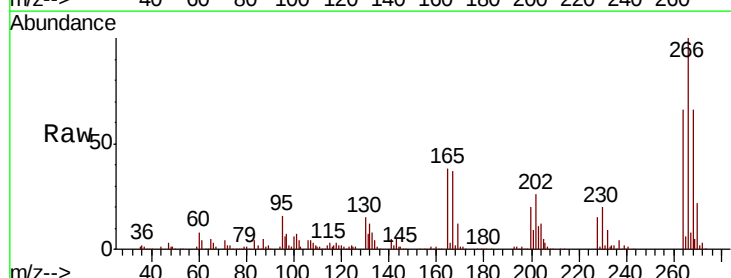
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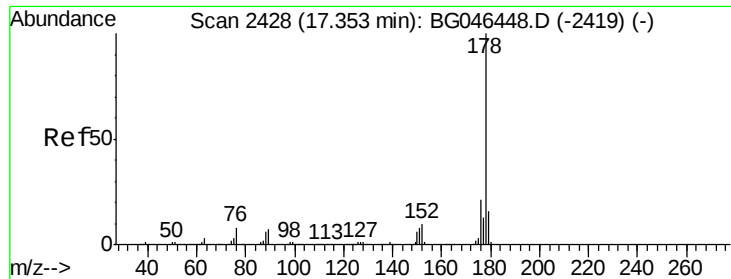
mohammad
 9/16/2020 10:14:09 AM



#70
 Pentachlorophenol
 Concen: 79.830 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. 0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.6	51.1	76.7
264	65.6	50.2	75.2





#71

Phenanthrene

Concen: 39.968 ng

RT: 17.34 min Scan# 2426

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

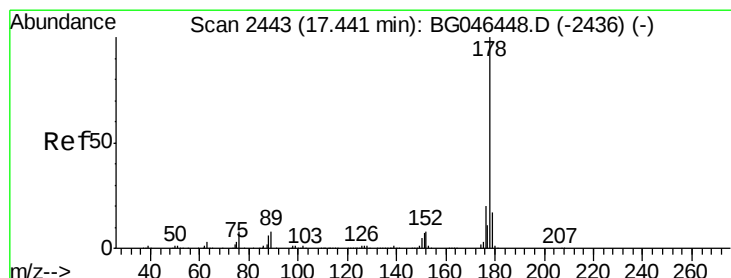
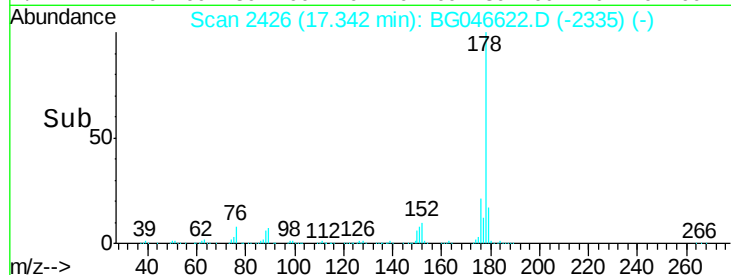
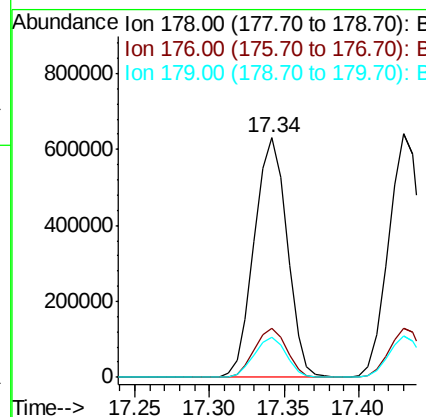
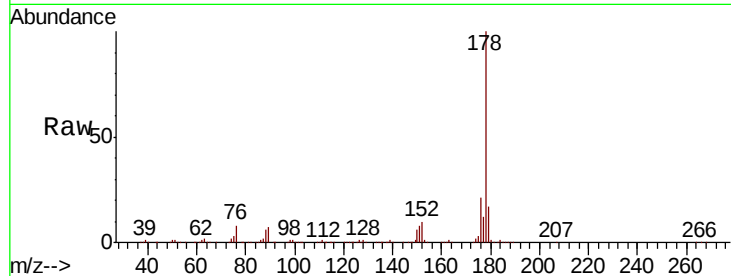
ClientSampleId :

PB131588BSD

Tot Ion:178	Resp:	958508
Ion Ratio	Lower	Upper
178	100	
176	20.7	16.8 25.2
179	16.6	13.2 19.8

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#72

Anthracene

Concen: 41.578 ng

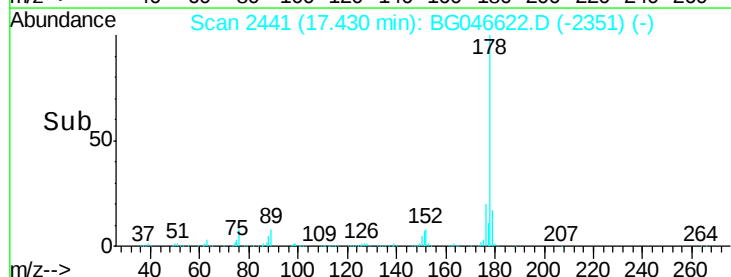
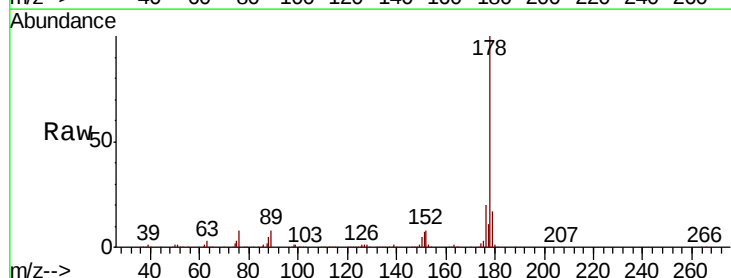
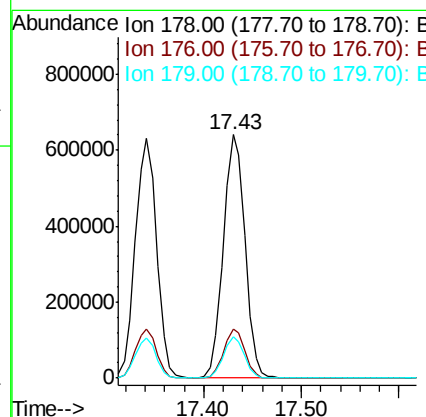
RT: 17.43 min Scan# 2441

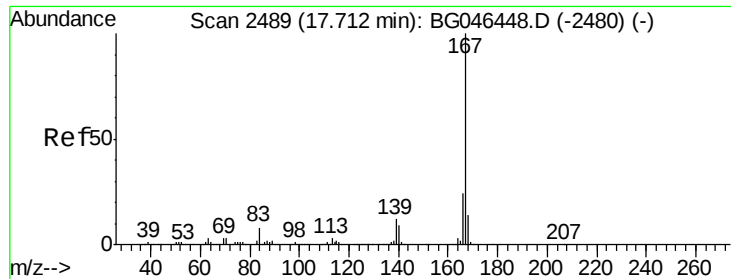
Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Tgt Ion:178	Resp:	983793
Ion Ratio	Lower	Upper
178	100	
176	20.3	16.1 24.1
179	16.8	13.3 19.9





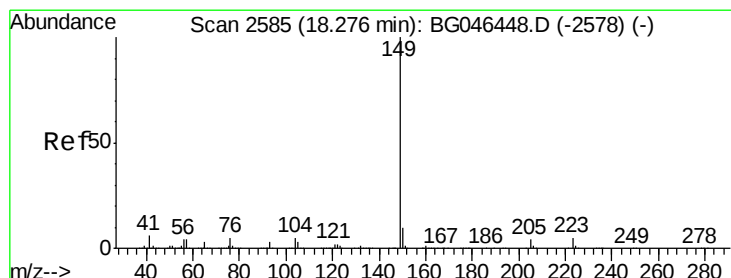
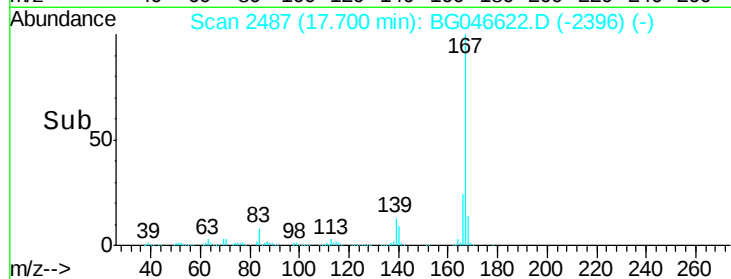
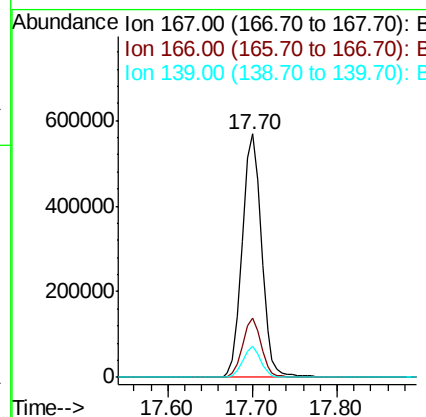
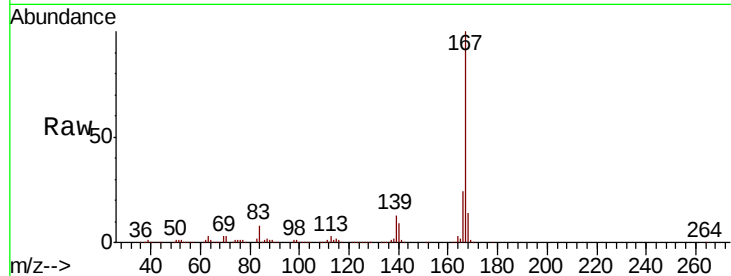
#73
 Carbazole
 Concen: 39.895 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	891255		
166	24.3		19.3	28.9
139	12.5		9.7	14.5

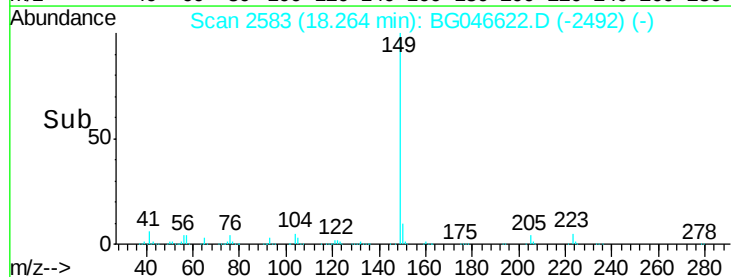
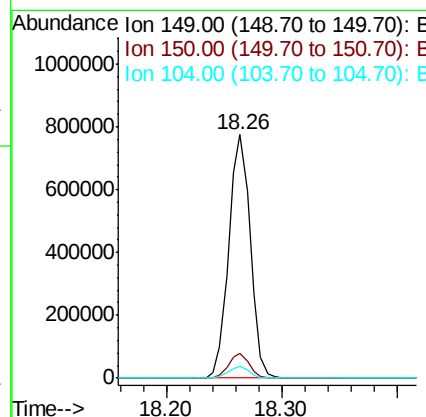
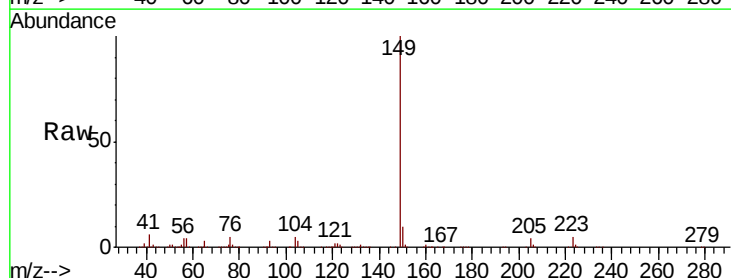
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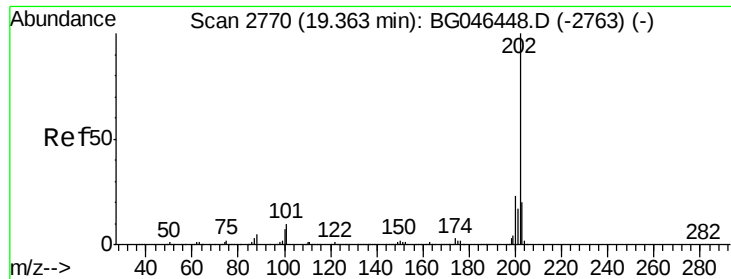
mohammad
 9/16/2020 10:14:09 AM



#74
 Di-n-butylphthalate
 Concen: 38.924 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	999912		
150	10.0		8.1	12.1
104	4.9		4.0	6.0





#75

Fluoranthene

Concen: 39.053 ng

RT: 19.35 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

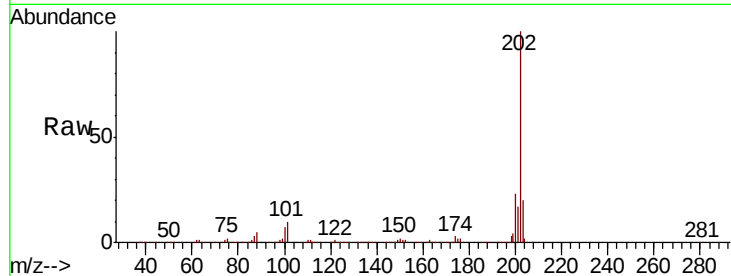
ClientSampleId :

PB131588BSD

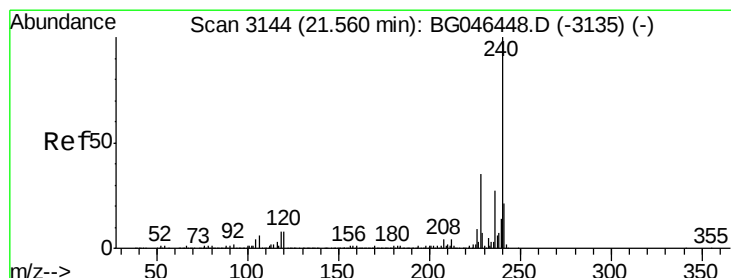
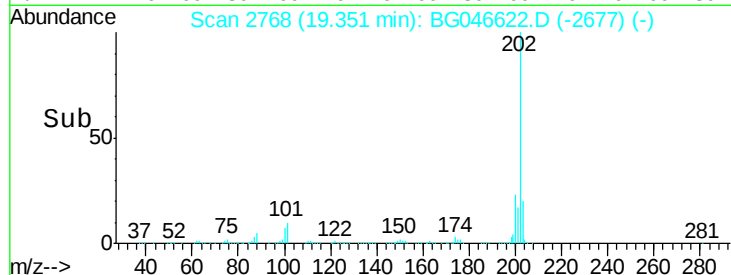
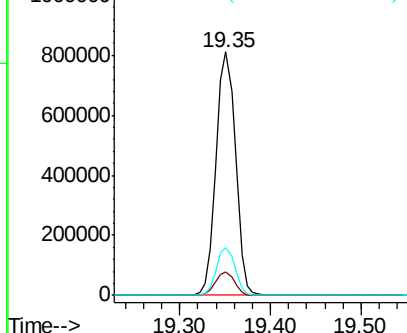
Tot Ion:	202	Resp:	1205259
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	29.9
203	19.8	0.0	40.0

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

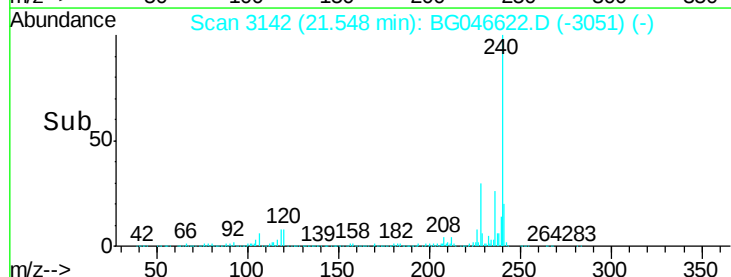
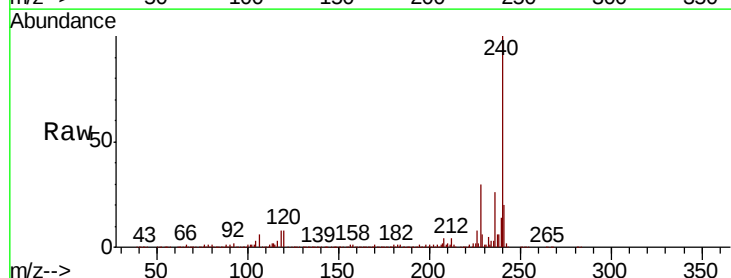
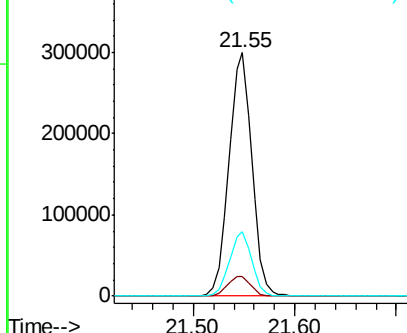
Delta R.T. 0.00 min

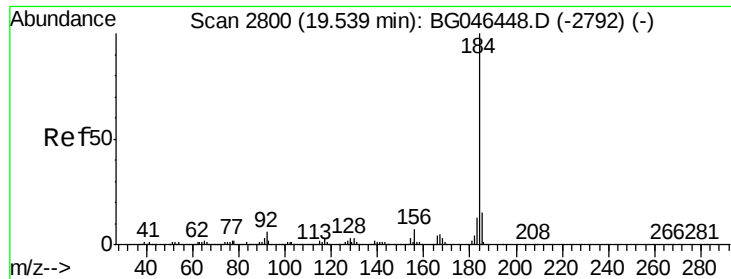
Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Tgt Ion:	240	Resp:	470075
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.6	10.0
236	26.3	21.4	32.2

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





#77

Benzidine

Concen: 58.790 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

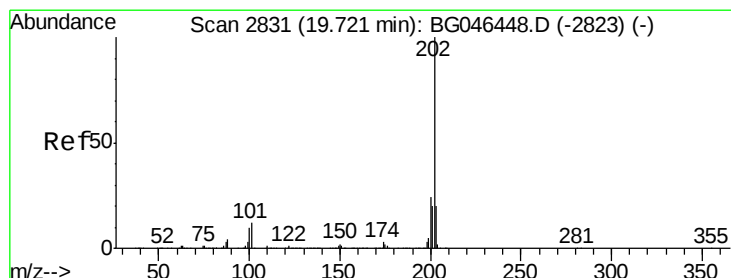
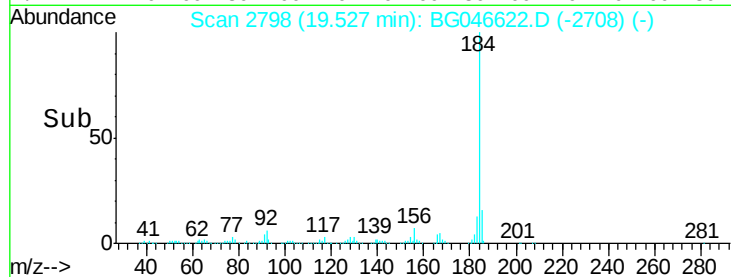
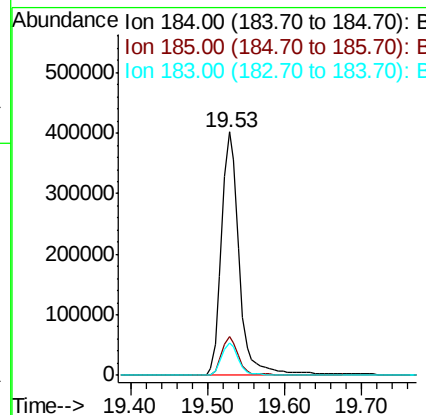
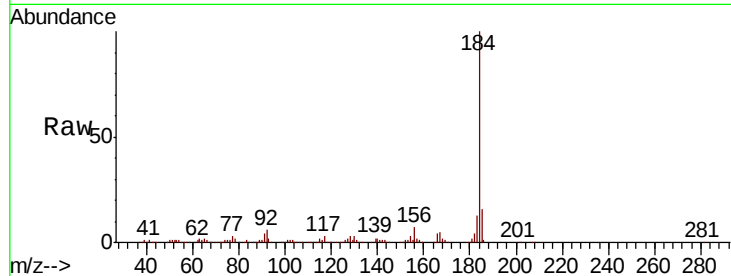
ClientSampleId :

PB131588BSD

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

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#78

Pyrene

Concen: 40.013 ng

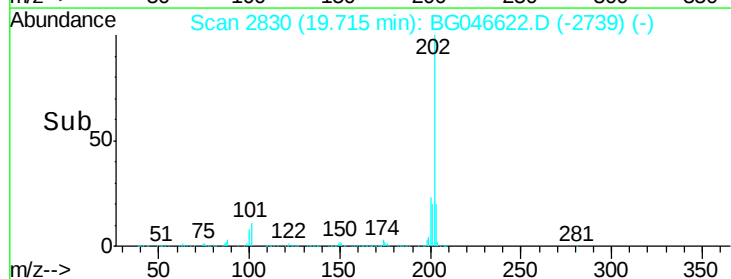
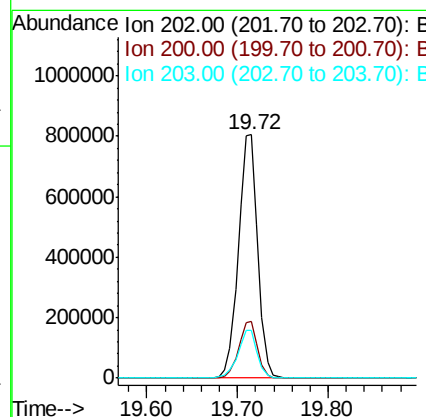
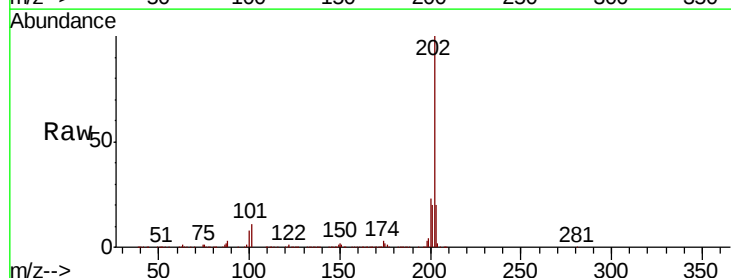
RT: 19.72 min Scan# 2830

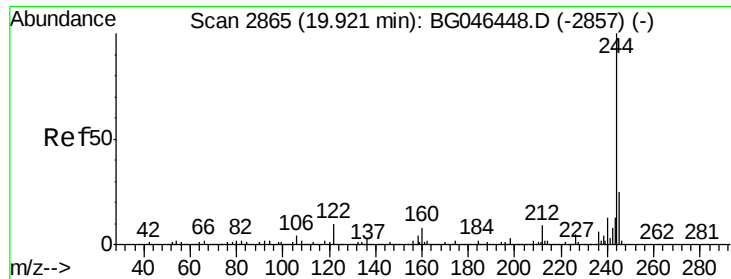
Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.9	28.3
203	19.7	16.1	24.1





#79

Terphenyl-d14

Concen: 66.670 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampled :

PB131588BSD

Tot Ion:244 Resp: 1472609

Ion Ratio Lower Upper

244 100

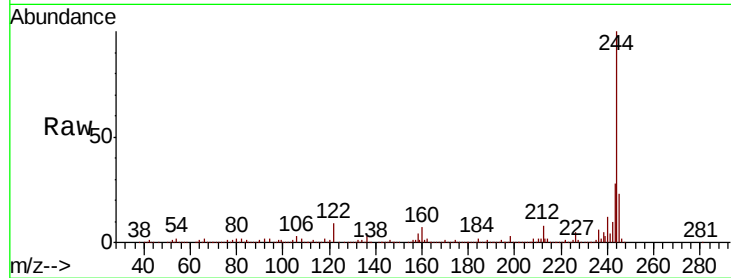
212 8.4 6.9 10.3

122 9.4 8.2 12.4

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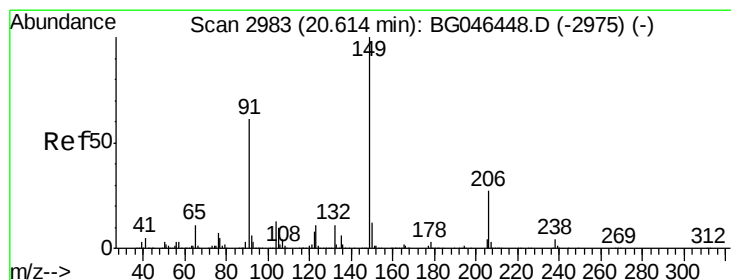
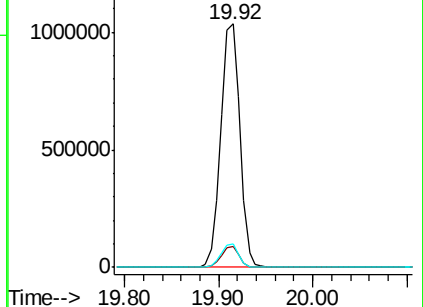
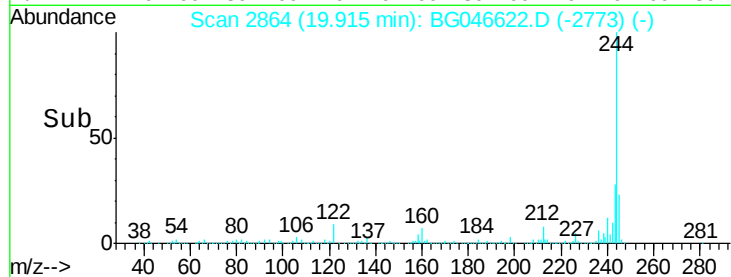
9/16/2020 10:14:09 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.345 ng

RT: 20.60 min Scan# 2981

Delta R.T. 0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

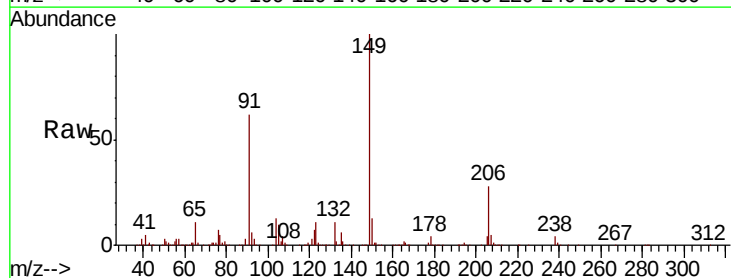
Tgt Ion:149 Resp: 447709

Ion Ratio Lower Upper

149 100

91 61.6 49.1 73.7

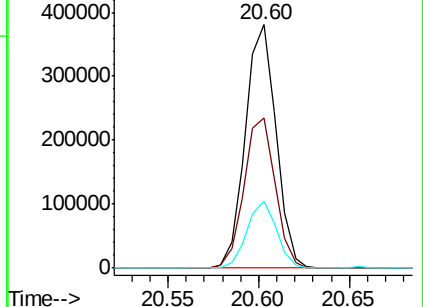
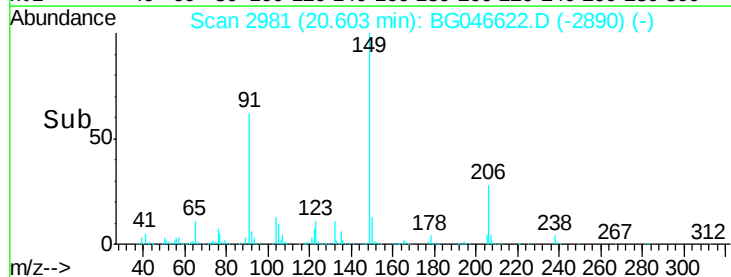
206 27.5 21.9 32.9

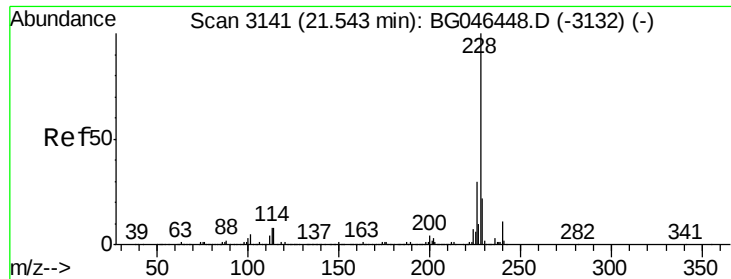


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





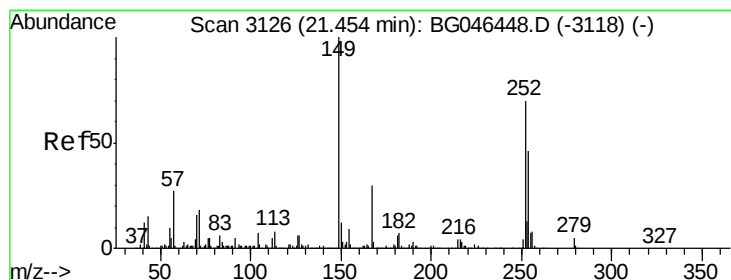
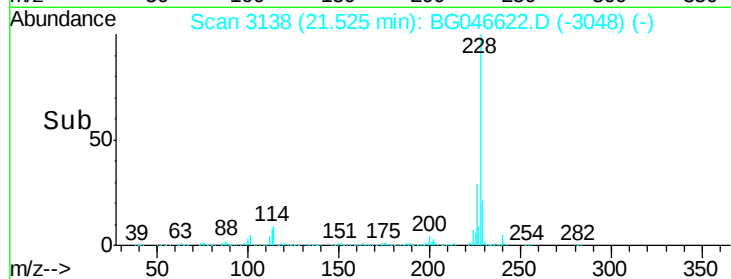
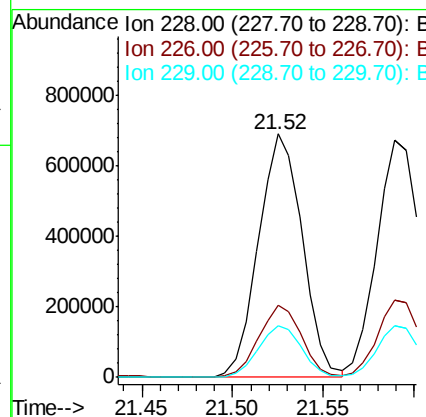
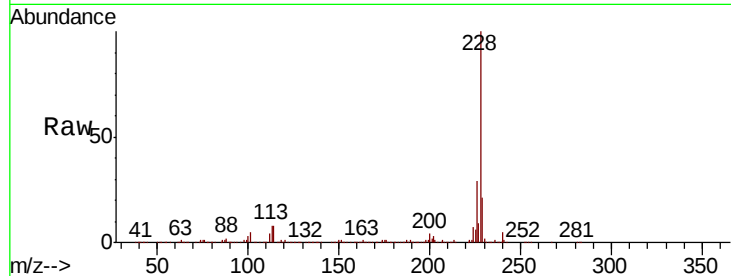
#81
Benzo(a)anthracene
Concen: 39.572 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.4
229	21.3	17.4	26.2

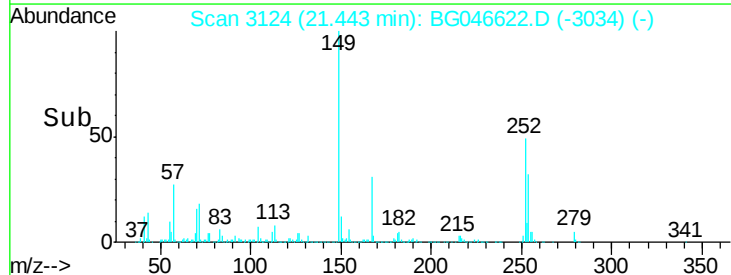
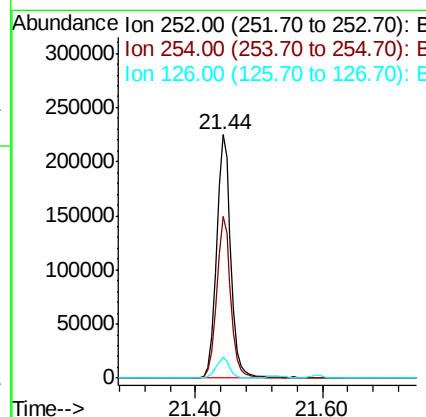
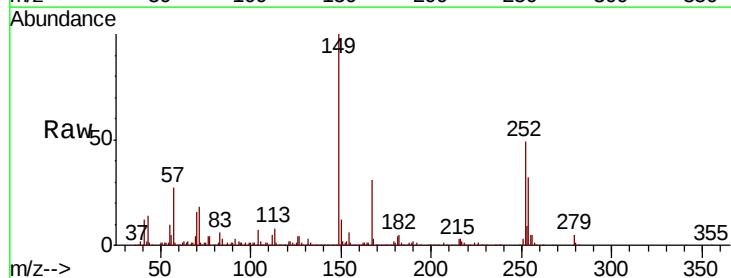
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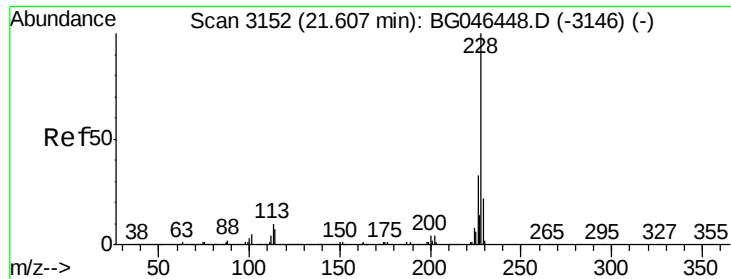
mohammad
9/16/2020 10:14:09 AM



#82
3,3'-Dichlorobenzidine
Concen: 33.003 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.9	77.9
126	8.8	7.4	11.0





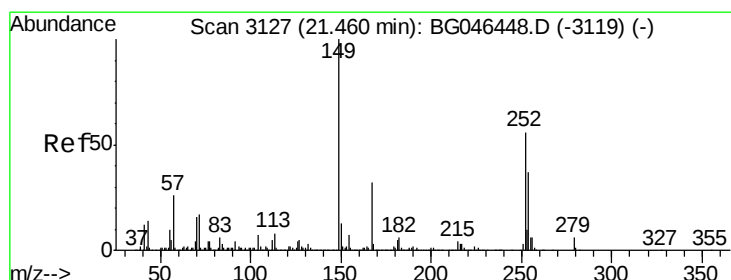
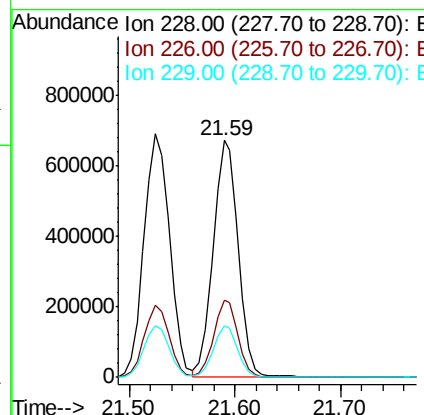
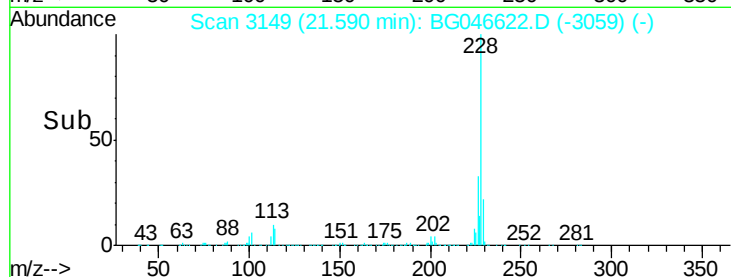
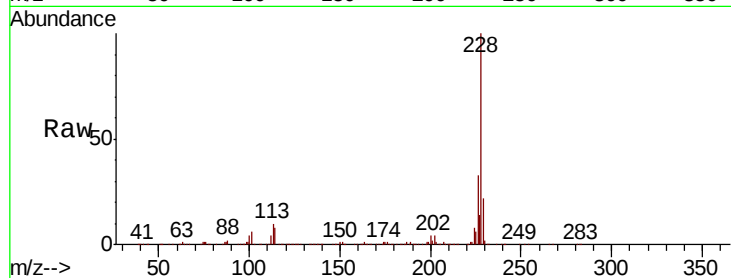
#83
 Chrysene
 Concen: 39.368 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BSD

Tot Ion:	228	Resp:	1109547
Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.2	39.4
229	21.9	17.9	26.9

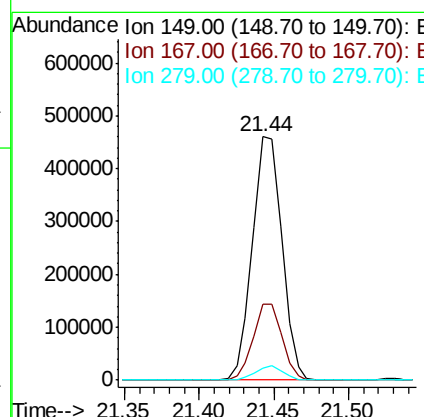
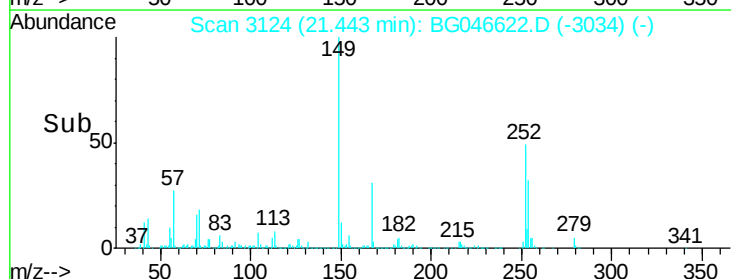
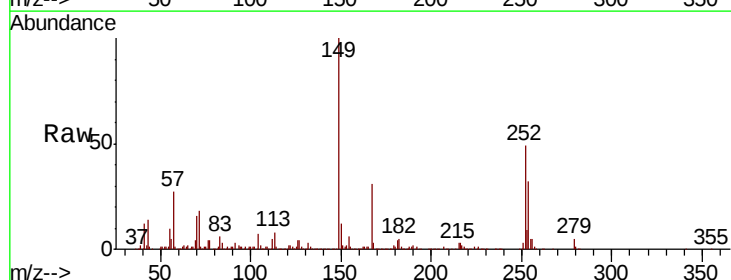
Manual Integrations
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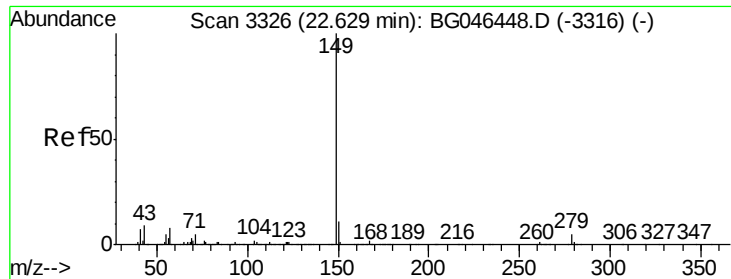
mohammad
 9/16/2020 10:14:09 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.564 ng
 RT: 21.44 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BG046622.D
 Acq: 15 Sep 2020 13:19

Tgt Ion:	149	Resp:	630407
Ion	Ratio	Lower	Upper
149	100		
167	31.2	25.4	38.2
279	4.9	4.5	6.7





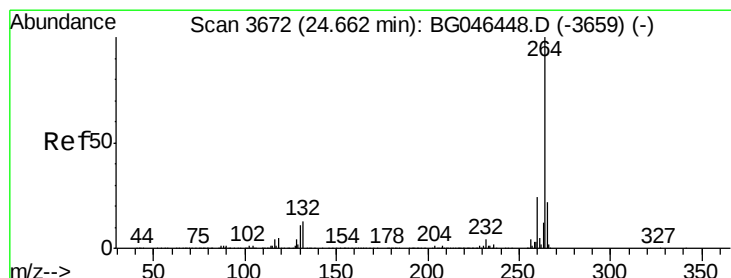
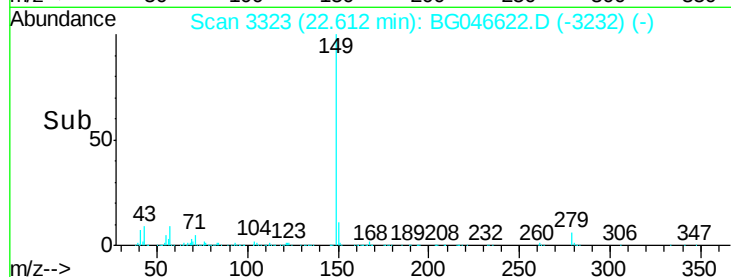
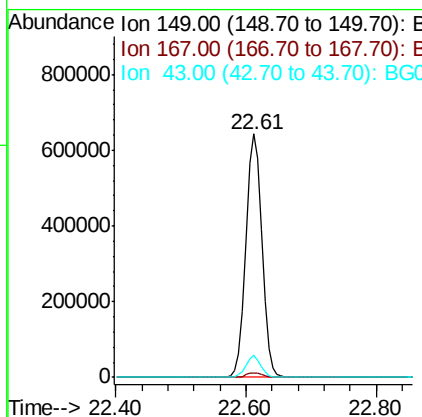
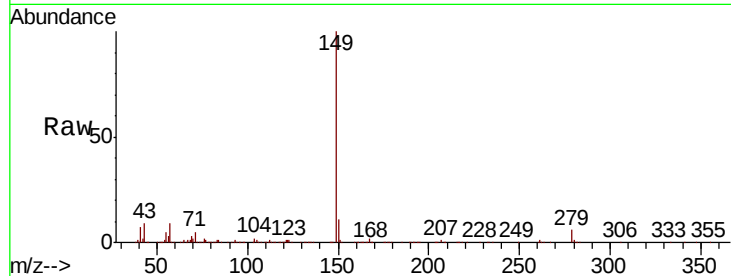
#85
Di-n-octyl phthalate
Concen: 40.307 ng
RT: 22.61 min Scan# 3323
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	8.3	7.0	10.4

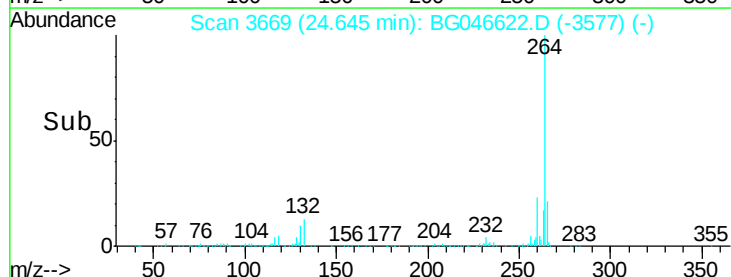
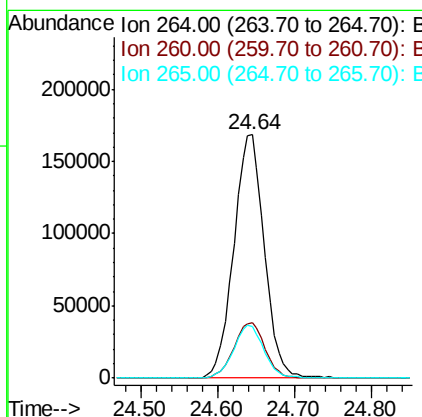
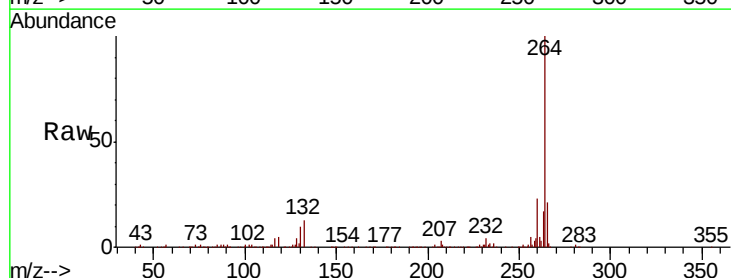
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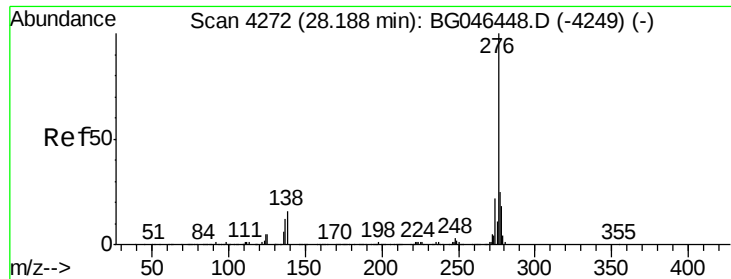
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3669
Delta R.T. 0.01 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	17.9	26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.980 ng

RT: 28.15 min Scan# 4266

Delta R.T. 0.01 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

Instrument :

BNA_G

ClientSampleId :

PB131588BSD

Tot Ion:276 Resp: 1376075

Ion Ratio Lower Upper

276 100

138 20.5 16.5 24.7

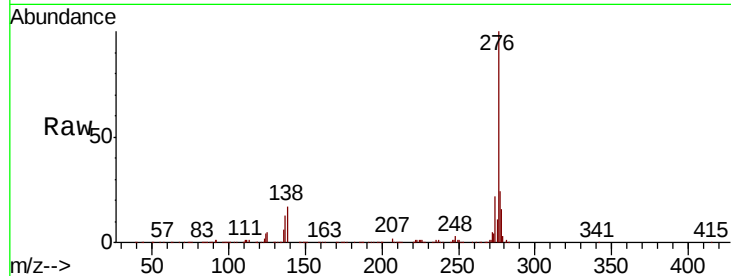
277 26.0 20.7 31.1

Manual Integrations

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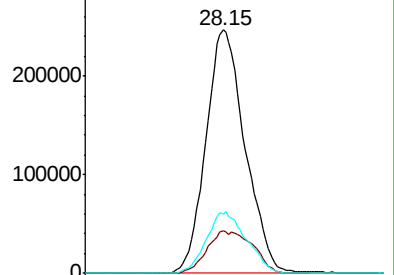
9/16/2020 10:14:09 AM



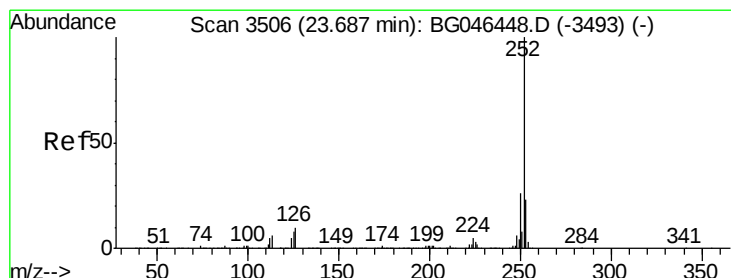
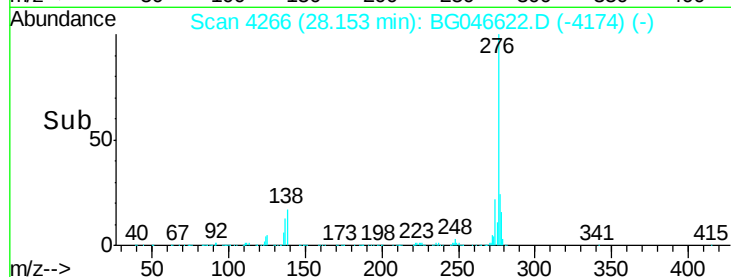
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 41.232 ng

RT: 23.66 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BG046622.D

Acq: 15 Sep 2020 13:19

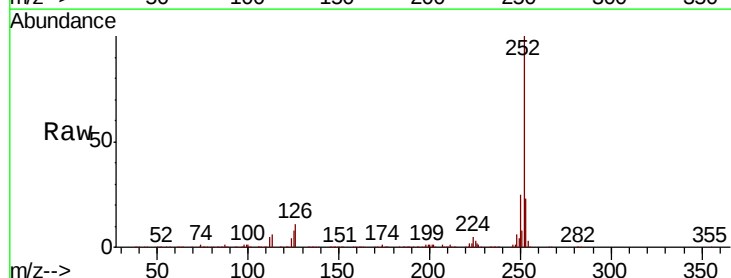
Tgt Ion:252 Resp: 1203699

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.4

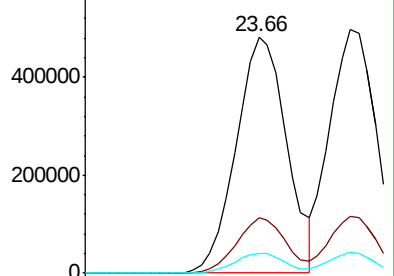
125 8.5 6.2 9.2



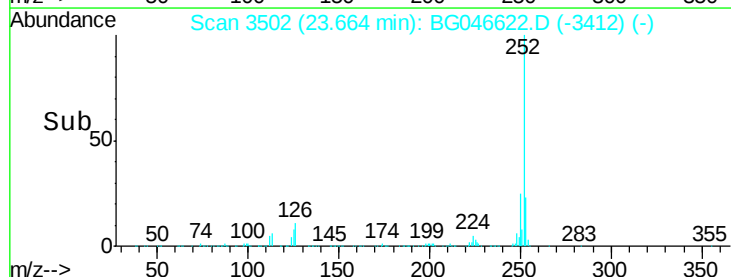
Abundance Ion 252.00 (251.70 to 252.70): E

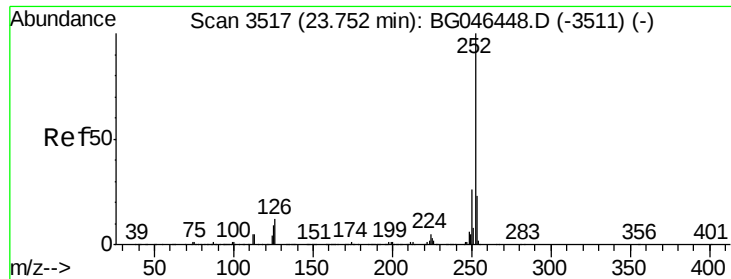
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





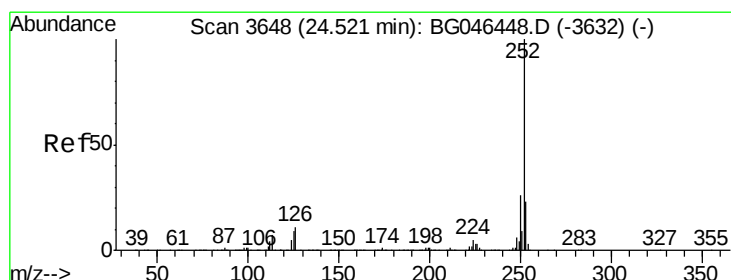
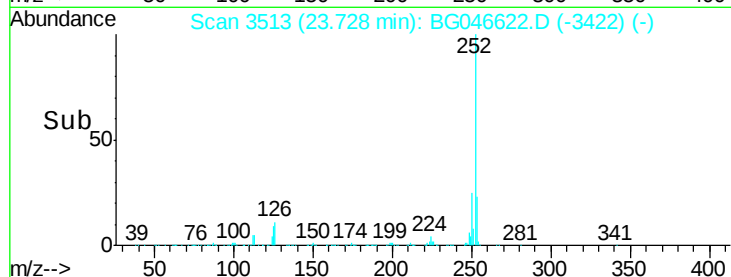
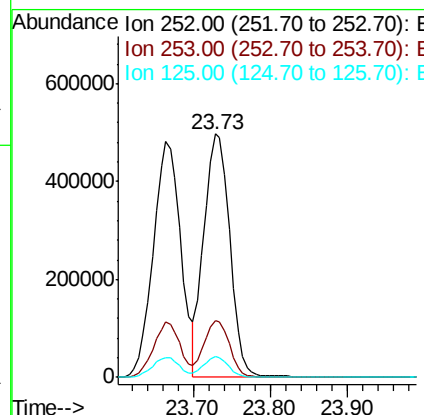
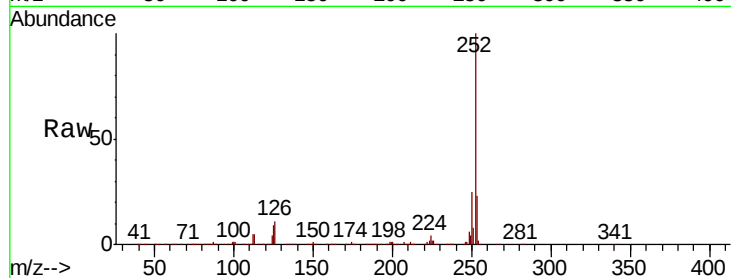
#89
Benzo(k)fluoranthene
Concen: 40.867 ng
RT: 23.73 min Scan# 3513
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	8.6	6.8	10.2

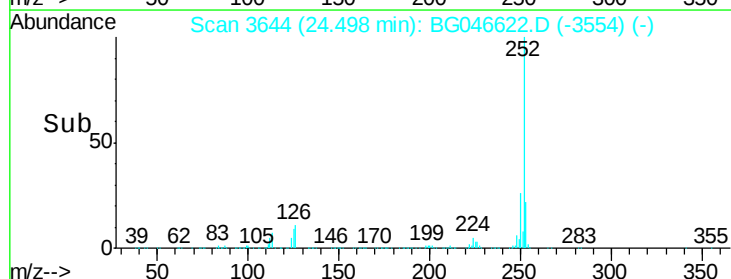
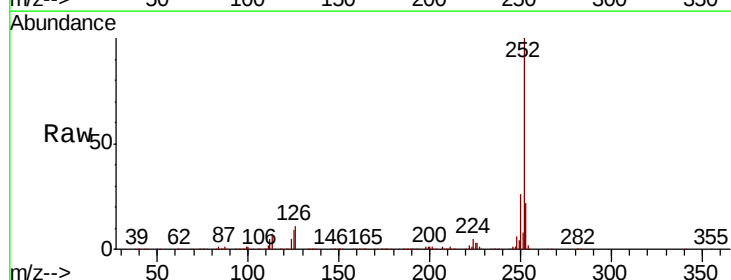
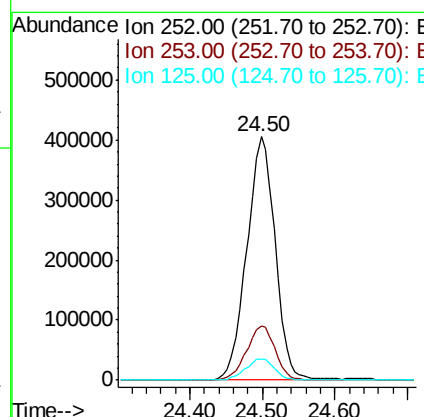
Manual Integrations
APPROVED

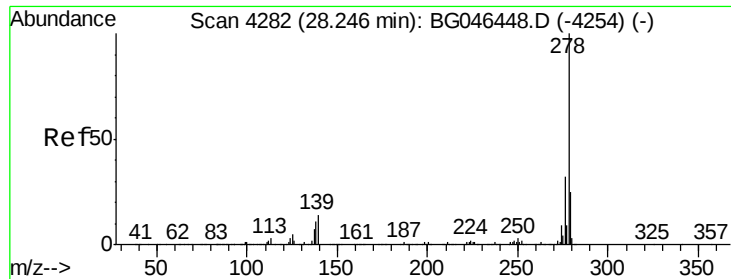
mohammad
9/16/2020 10:14:09 AM



#90
Benzo(a)pyrene
Concen: 40.319 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	8.6	7.4	11.0





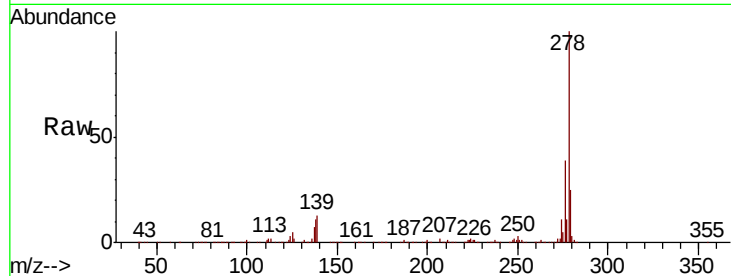
#91
Dibenzo(a,h)anthracene
Concen: 41.992 ng
RT: 28.21 min Scan# 4275
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Instrument :
BNA_G
ClientSampleId :
PB131588BSD

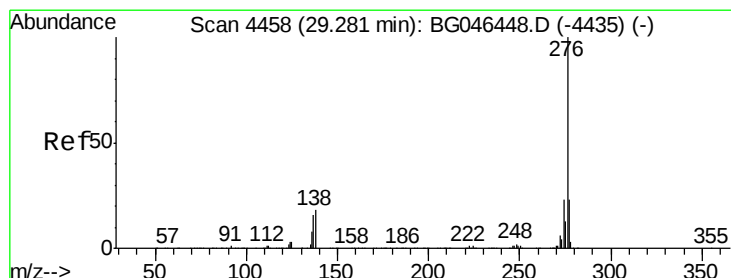
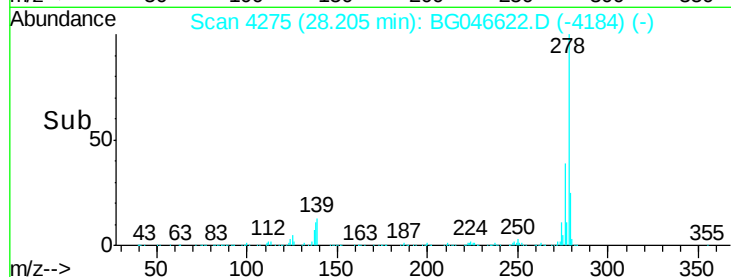
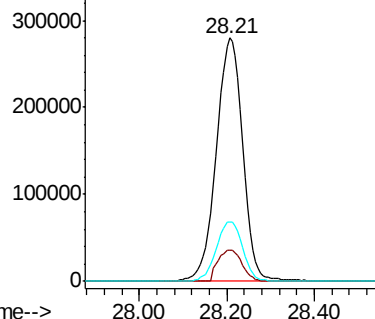
Tot Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.2	16.8
279	24.6	19.8	29.8

Manual Integrations
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mohammad
9/16/2020 10:14:09 AM



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



#92
Benzo(g,h,i)perylene
Concen: 42.933 ng
RT: 29.25 min Scan# 4452
Delta R.T. 0.00 min
Lab File: BG046622.D
Acq: 15 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.7	28.1
138	17.2	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

