

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
 Data File : BG046504.D
 Acq On : 2 Sep 2020 15:20
 Operator : CG/JU
 Sample : PB131362BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

Manual Integrations
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mohammad
 9/3/2020 1:47:42 PM

Quant Time: Sep 02 15:57:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	84200	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	328101	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	216597	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	506738	20.00	ng	0.00
76) Chrysene-d12	21.55	240	504443	20.00	ng	0.00
86) Perylene-d12	24.65	264	515919	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	497524	104.66	ng	0.00
7) Phenol-d6	7.11	99	630353	93.54	ng	0.00
23) Nitrobenzene-d5	9.09	82	405446	70.63	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	278977	95.06	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1021868	72.02	ng	0.00
79) Terphenyl-d14	19.92	244	1587759	66.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	102518	51.835	ng	97
3) Pyridine	3.81	79	145754	25.188	ng	99
4) n-Nitrosodimethylamine	3.72	42	85000	39.827	ng	99
6) Aniline	7.25	93	270485	35.668	ng	100
8) 2-Chlorophenol	7.50	128	211305	42.056	ng	99
9) Benzaldehyde	7.07	77	140465	37.203	ng	90
10) Phenol	7.13	94	253896	40.904	ng	97
11) bis(2-Chloroethyl)ether	7.35	93	194400	38.964	ng	97
12) 1,3-Dichlorobenzene	7.82	146	235822	36.968	ng	99
13) 1,4-Dichlorobenzene	7.96	146	235127	36.817	ng	99
14) 1,2-Dichlorobenzene	8.28	146	229973	37.556	ng	98
15) Benzyl Alcohol	8.17	79	177899	41.117	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	292313	37.771	ng	99
17) 2-Methylphenol	8.38	107	180908	41.097	ng	98
18) Hexachloroethane	9.02	117	79227	36.588	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	153036	37.964	ng	99
20) 3+4-Methylphenols	8.70	107	247775	40.780	ng	98
22) Acetophenone	8.75	105	296560	37.132	ng	# 99
24) Nitrobenzene	9.13	77	218187	38.472	ng	98
25) Isophorone	9.65	82	420269	39.932	ng	98
26) 2-Nitrophenol	9.84	139	122517	40.945	ng	97
27) 2,4-Dimethylphenol	9.91	122	193875	47.109	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	256961	37.933	ng	99
29) 2,4-Dichlorophenol	10.38	162	225255	41.058	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	240853	37.000	ng	99
31) Naphthalene	10.78	128	610810	38.128	ng	99
32) Benzoic acid	10.06	122	80588	30.862	ng	96
33) 4-Chloroaniline	10.88	127	203482	28.805	ng	99
34) Hexachlorobutadiene	11.07	225	153079	36.226	ng	98
35) Caprolactam	11.65	113	73300m	35.743	ng	
36) 4-Chloro-3-methylphenol	12.01	107	218611	40.741	ng	94
37) 2-Methylnaphthalene	12.39	142	485960	38.463	ng	99
38) 1-Methylnaphthalene	12.61	142	459402	38.386	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	286199	40.069	ng	99

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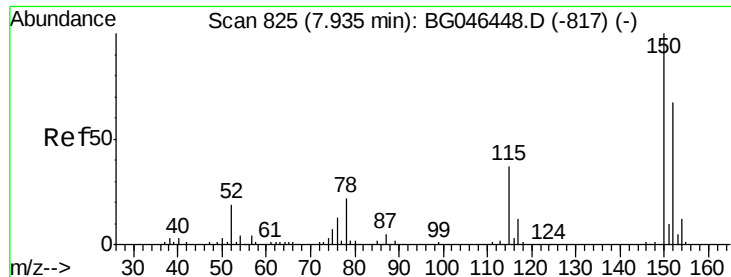
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
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 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	347125	111.768	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	195324	40.523	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	210848	41.635	ng	98
46) 1,1'-Biphenyl	13.39	154	623077	41.347	ng	100
47) 2-Chloronaphthalene	13.43	162	485523	38.000	ng	99
48) 2-Nitroaniline	13.63	65	136670	38.522	ng	97
49) Acenaphthylene	14.29	152	785528	40.530	ng	98
50) Dimethylphthalate	14.02	163	635517	37.925	ng	100
51) 2,6-Dinitrotoluene	14.13	165	147062	39.813	ng	98
52) Acenaphthene	14.63	154	461471	38.423	ng	99
53) 3-Nitroaniline	14.46	138	117148	29.278	ng	98
54) 2,4-Dinitrophenol	14.67	184	189637	87.953	ng	99
55) Dibenzofuran	14.96	168	752043	39.017	ng	100
56) 4-Nitrophenol	14.79	139	239725	81.409	ng	97
57) 2,4-Dinitrotoluene	14.92	165	209712	39.816	ng	99
58) Fluorene	15.61	166	617351	38.161	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	198521	40.368	ng	98
60) Diethylphthalate	15.38	149	619042	37.890	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	342220	38.411	ng	98
62) 4-Nitroaniline	15.63	138	149930	35.513	ng	99
63) Azobenzene	15.90	77	522741	39.333	ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	135209	47.141	ng	94
66) n-Nitrosodiphenylamine	15.82	169	564370	41.283	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	237614	40.192	ng	98
68) Hexachlorobenzene	16.63	284	250586	38.272	ng	97
69) Atrazine	16.77	200	210820	37.802	ng	99
70) Pentachlorophenol	16.97	266	302073	88.302	ng	99
71) Phenanthrene	17.35	178	1016482	39.575	ng	99
72) Anthracene	17.44	178	1039638	41.025	ng	98
73) Carbazole	17.71	167	960718	40.153	ng	99
74) Di-n-butylphthalate	18.27	149	1077024	39.146	ng	100
75) Fluoranthene	19.36	202	1294912	39.176	ng	99
77) Benzidine	19.53	184	703386	60.007	ng	99
78) Pyrene	19.72	202	1284358	39.983	ng	100
80) Butylbenzylphthalate	20.61	149	498695	39.801	ng	97
81) Benzo(a)anthracene	21.54	228	1252712	39.842	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	400843	34.353	ng	99
83) Chrysene	21.60	228	1193688	39.468	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	702844	41.105	ng	100
85) Di-n-octyl phthalate	22.62	149	1221218	41.711	ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1517645	40.957	ng	100
88) Benzo(b)fluoranthene	23.68	252	1323523	41.085	ng	97
89) Benzo(k)fluoranthene	23.74	252	1243474	39.939	ng	99
90) Benzo(a)pyrene	24.51	252	1198951	39.881	ng	100
91) Dibenzo(a,h)anthracene	28.22	278	1244126	41.607	ng	98
92) Benzo(g,h,i)perylene	29.27	276	1273875	42.662	ng	97

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



#1

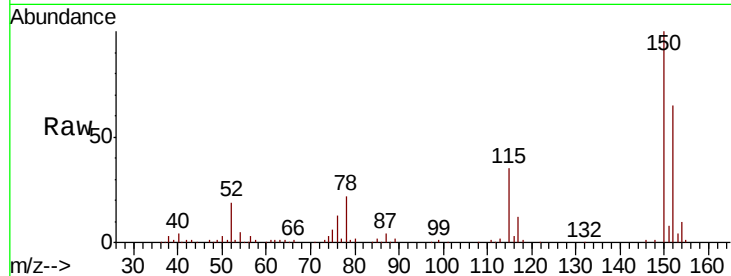
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	119.5	179.3
115	53.7	44.3	66.5

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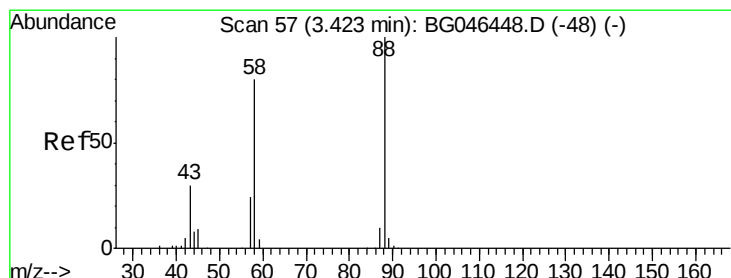
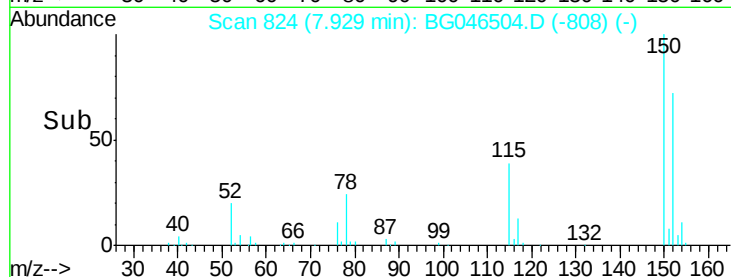
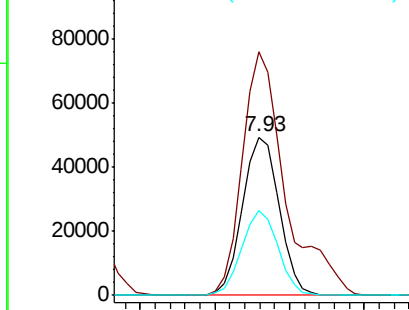


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

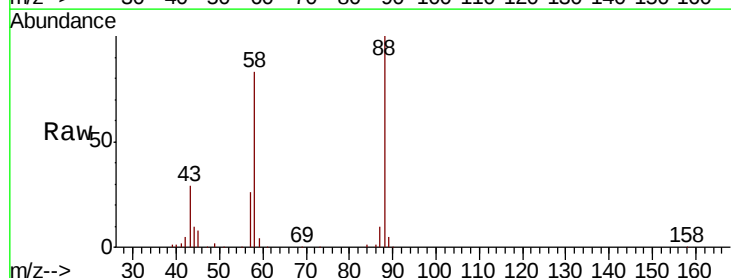
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 51.835 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.7	61.4	92.2
43	27.1	21.6	32.4

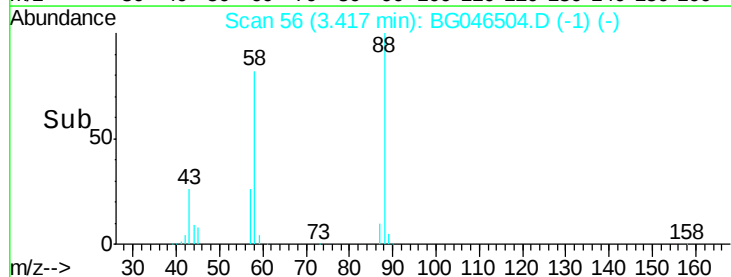
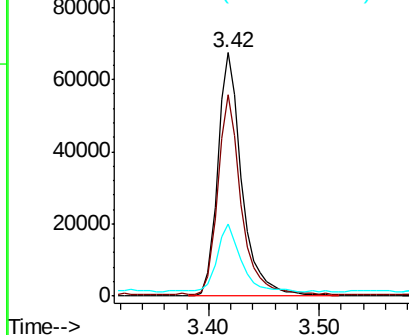


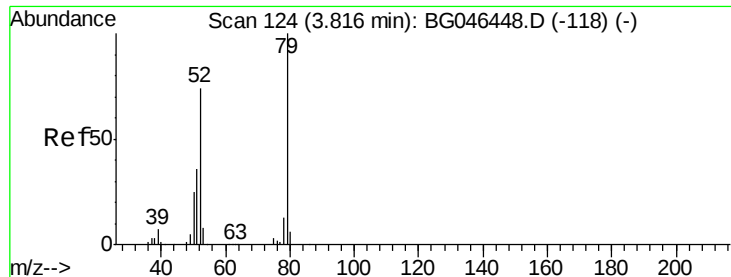
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 25.188 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

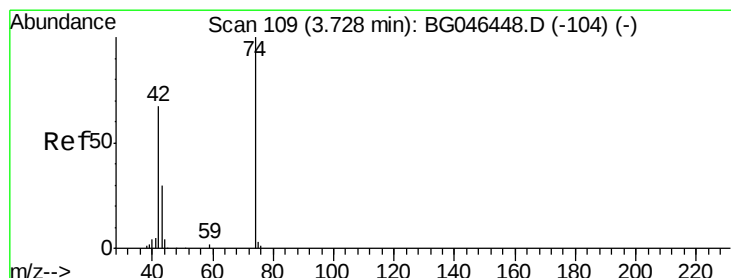
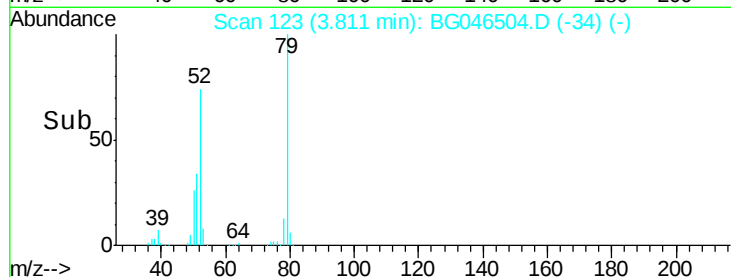
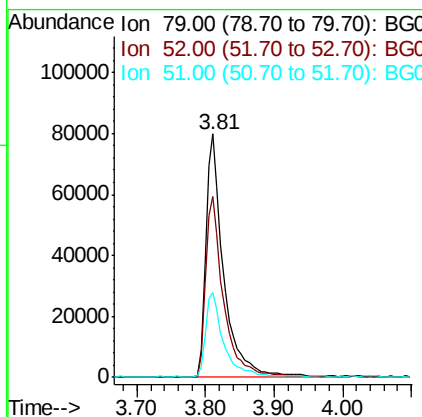
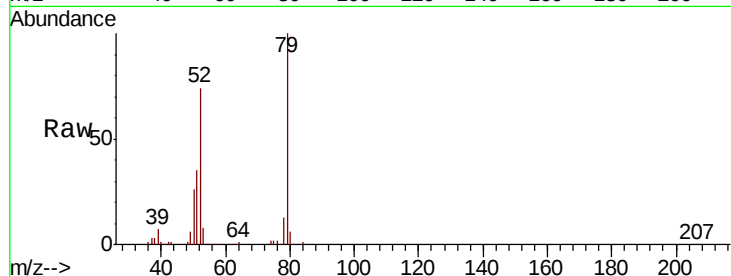
ClientSampleId :

PB131362BSD

Tot Ion:	79	Resp:	145754
Ion	Ratio	Lower	Upper
79	100		
52	74.4	59.1	88.7
51	35.1	29.0	43.6

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#4

n-Nitrosodimethylamine

Concen: 39.827 ng

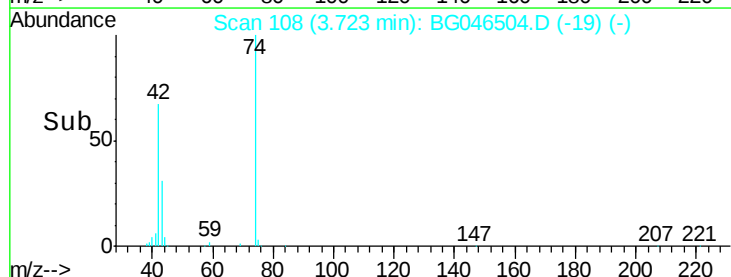
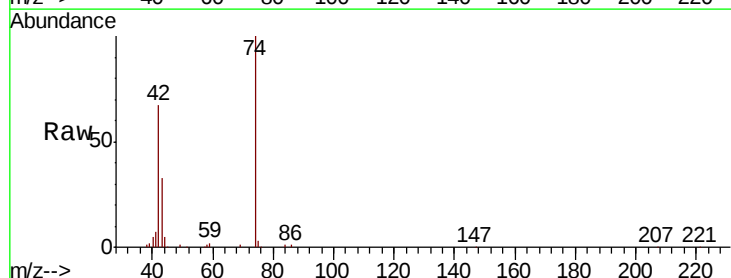
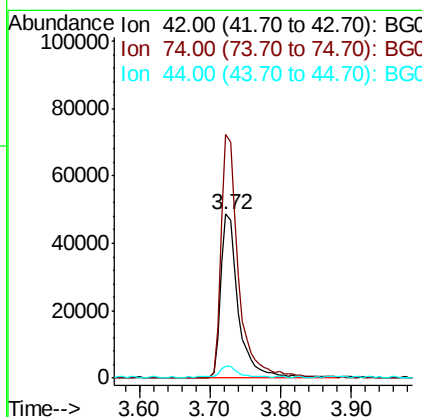
RT: 3.72 min Scan# 108

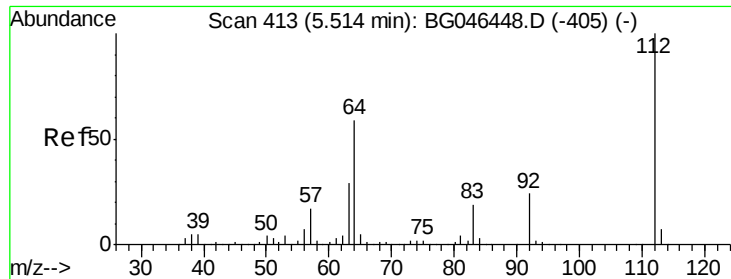
Delta R.T. -0.01 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Tgt Ion:	42	Resp:	85000
Ion	Ratio	Lower	Upper
42	100		
74	148.3	119.5	179.3
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 104.656 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

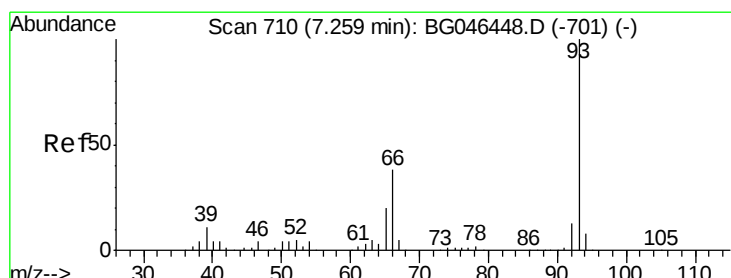
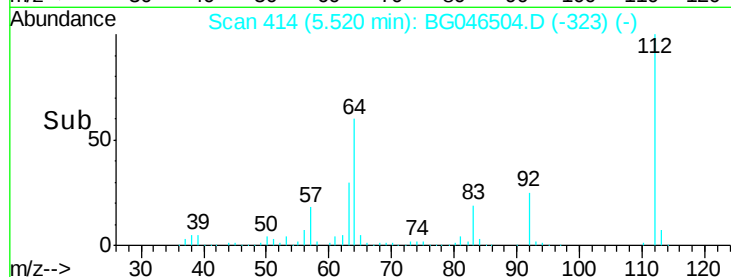
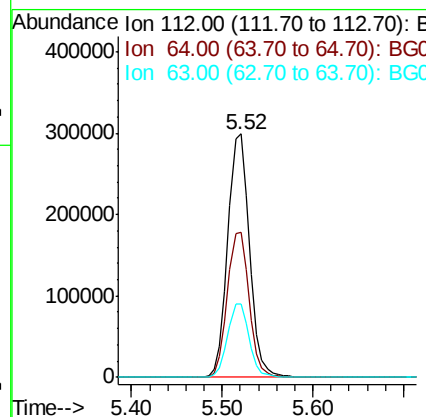
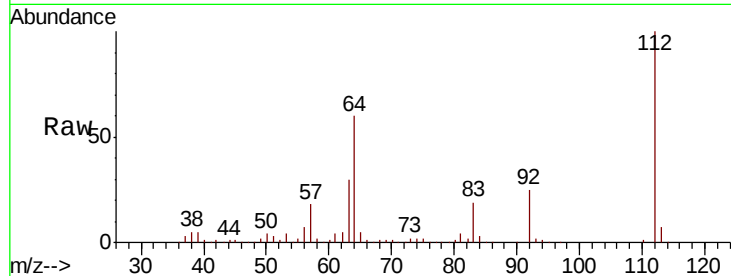
ClientSampleId :

PB131362BSD

Tot Ion:	112	Resp:	497524
Ion Ratio	Lower	Upper	
112	100		
64	59.7	47.0	70.6
63	30.4	23.5	35.3

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#6

Aniline

Concen: 35.668 ng

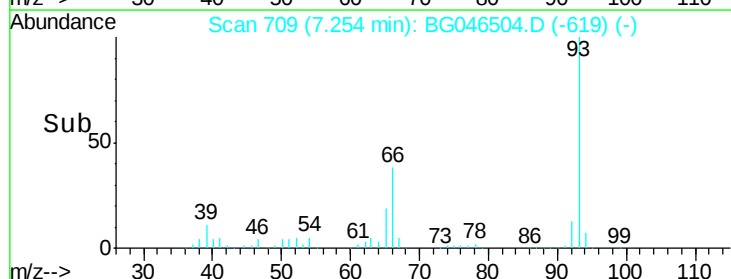
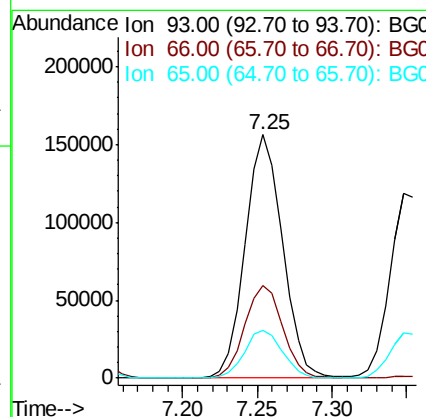
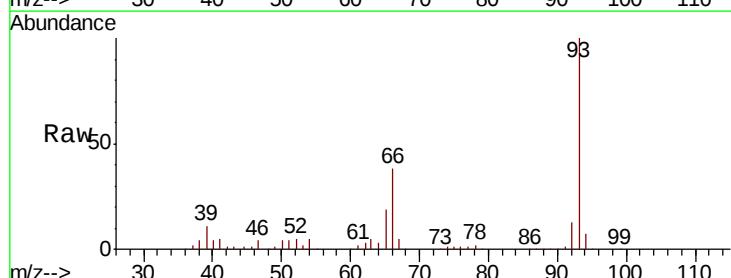
RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Tgt Ion:	93	Resp:	270485
Ion Ratio	Lower	Upper	
93	100		
66	38.1	30.4	45.6
65	19.5	15.8	23.6





#7

Phenol-d6

Concen: 93.536 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

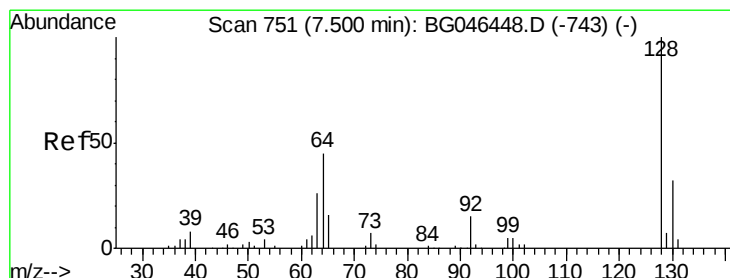
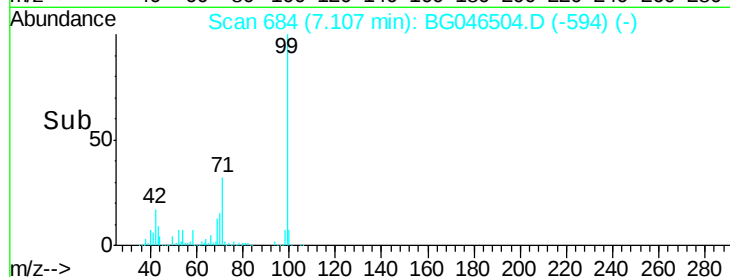
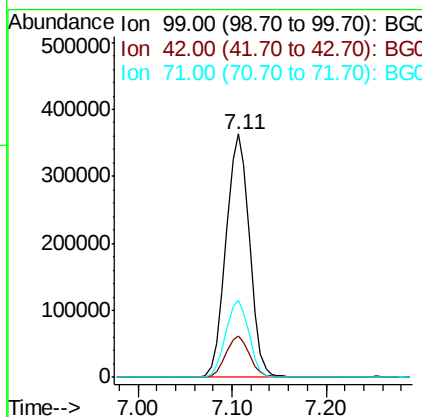
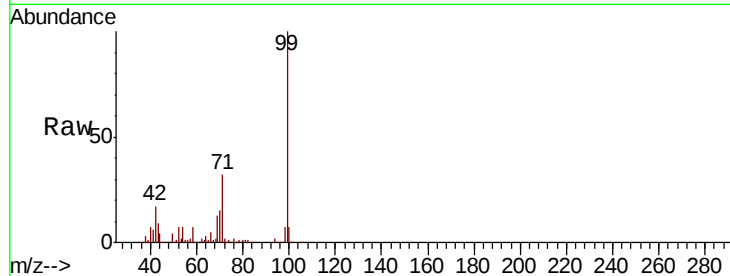
ClientSampleId :

PB131362BSD

Tot Ion:	99	Resp:	630353
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.3	19.9
71	31.9	25.3	37.9

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#8

2-Chlorophenol

Concen: 42.056 ng

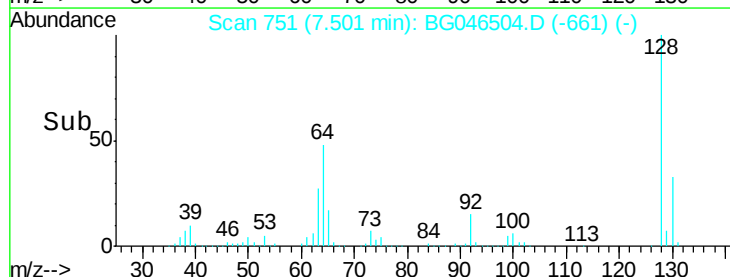
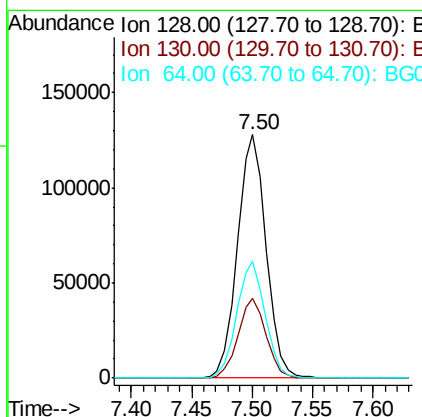
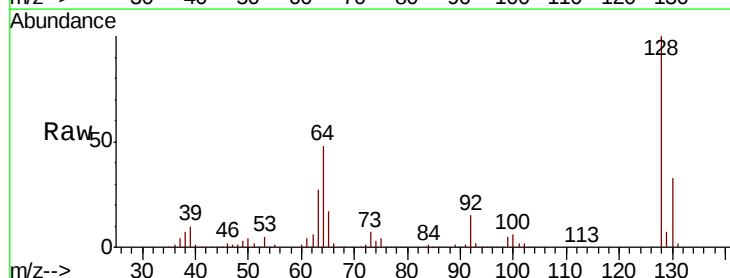
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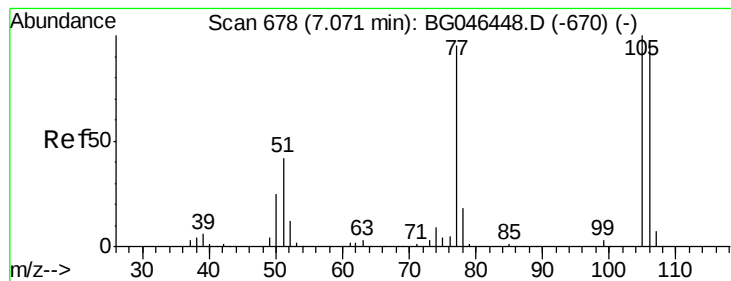
Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Tgt Ion:	128	Resp:	211305
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.4	52.4
64	48.2	28.1	68.1





#9

Benzaldehyde

Concen: 37.203 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

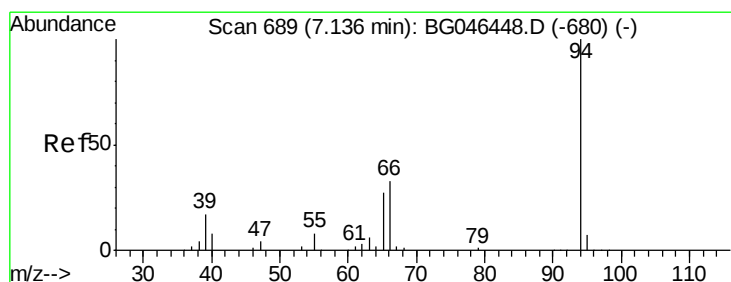
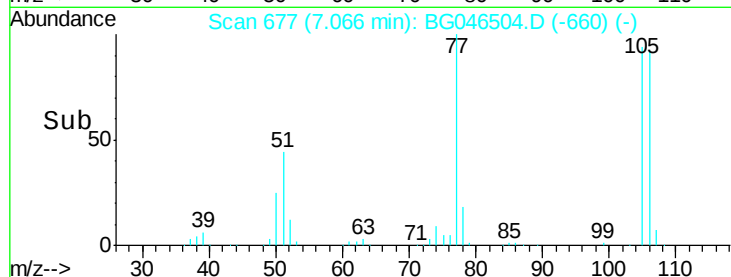
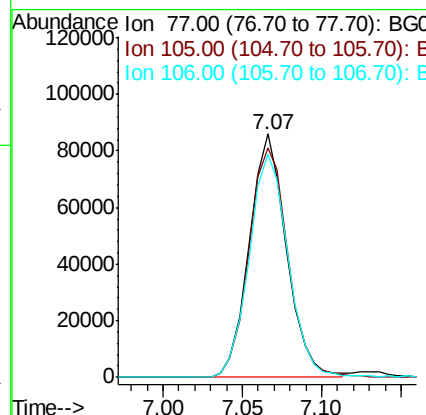
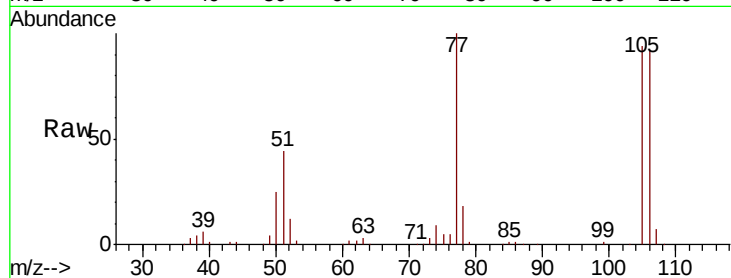
ClientSampleId :

PB131362BSD

Tot Ion:	77	Resp:	140465
Ion	Ratio	Lower	Upper
77	100		
105	94.1	85.6	125.6
106	91.6	80.8	120.8

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#10

Phenol

Concen: 40.904 ng

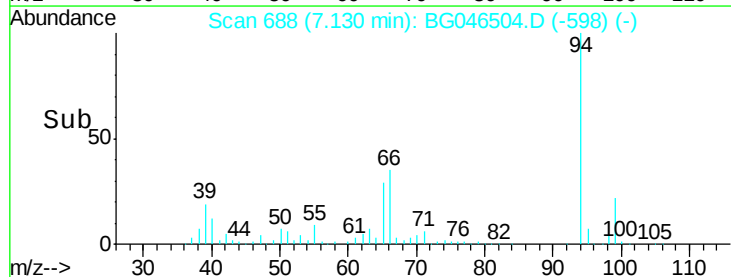
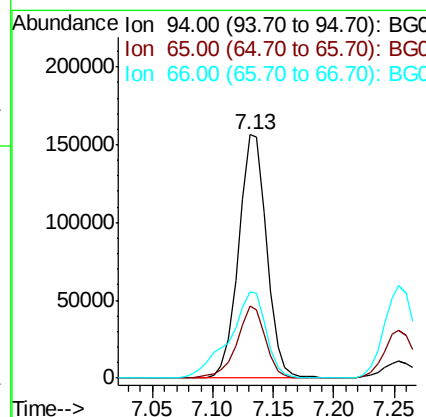
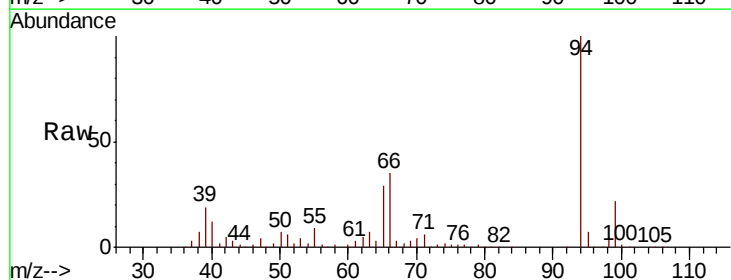
RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Tgt Ion:	94	Resp:	253896
Ion	Ratio	Lower	Upper
94	100		
65	29.4	7.5	47.5
66	35.2	14.1	54.1





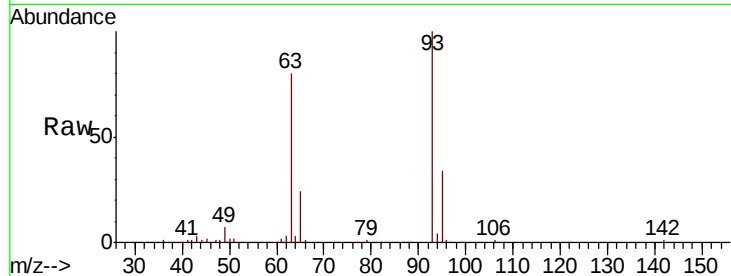
#11
bis(2-Chloroethyl)ether
Concen: 38.964 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	194400		
63	80.1	57.7	97.7	
95	33.9	12.3	52.3	

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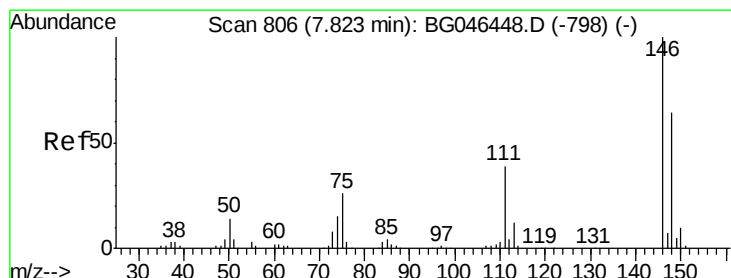
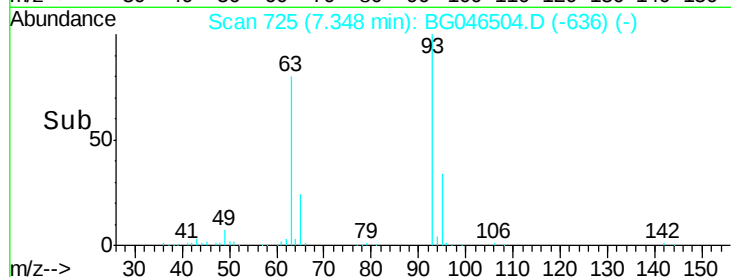
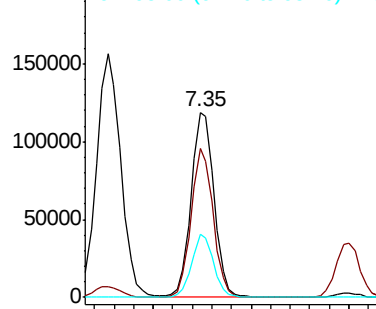


Abundance

Ion 93.00 (92.70 to 93.70): BGC

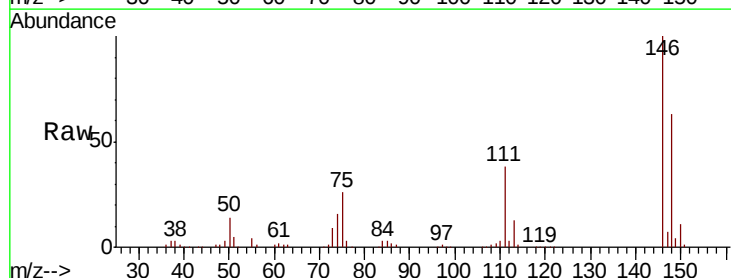
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 36.968 ng
RT: 7.82 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	235822		
148	62.6	51.4	77.0	
75	25.8	20.7	31.1	

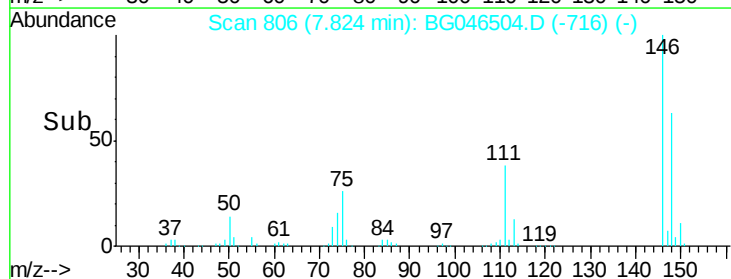
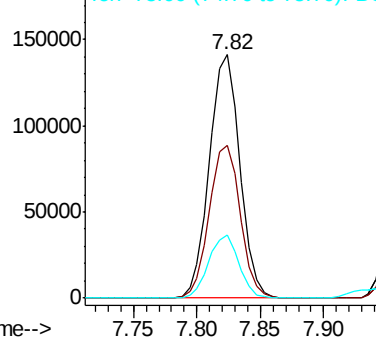


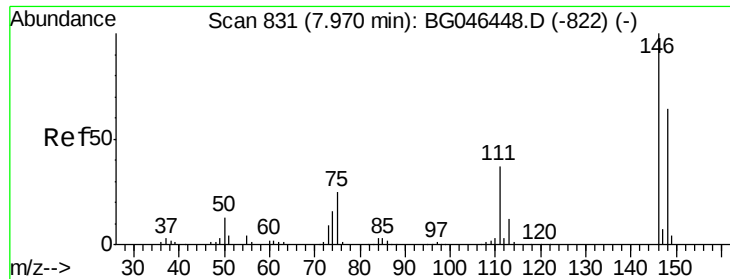
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





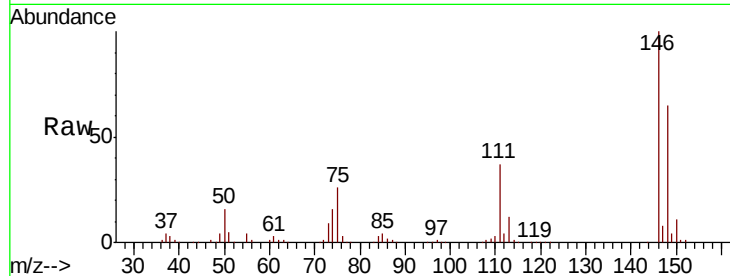
#13
 1,4-Dichlorobenzene
 Concen: 36.817 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
111	37.1	29.8	44.6

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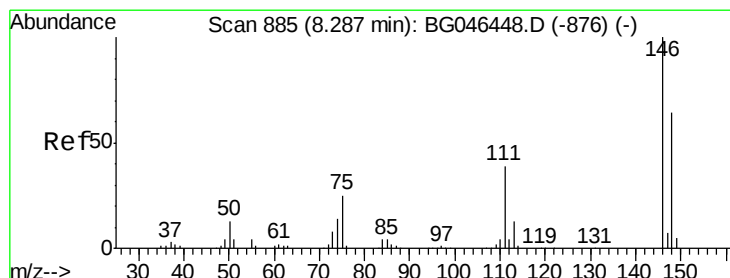
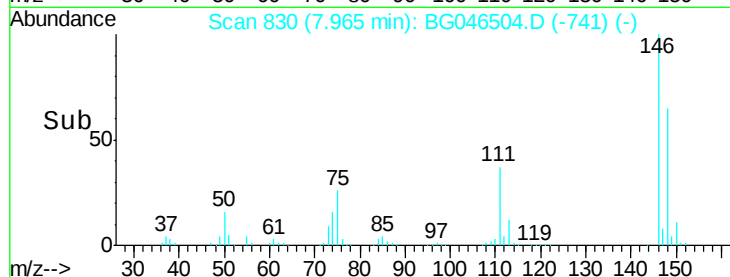
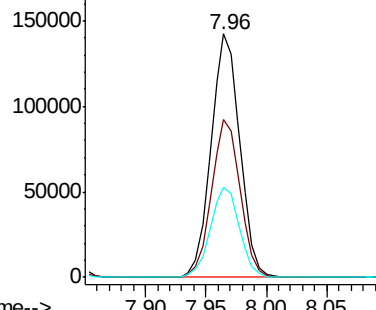


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 37.556 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

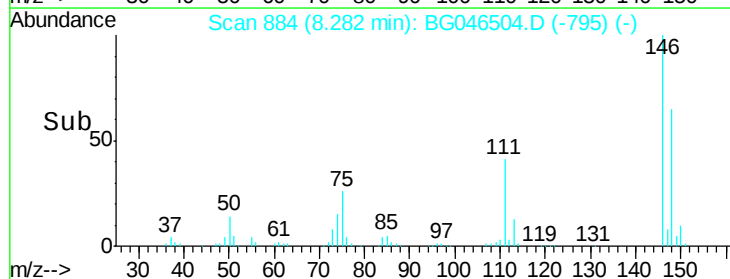
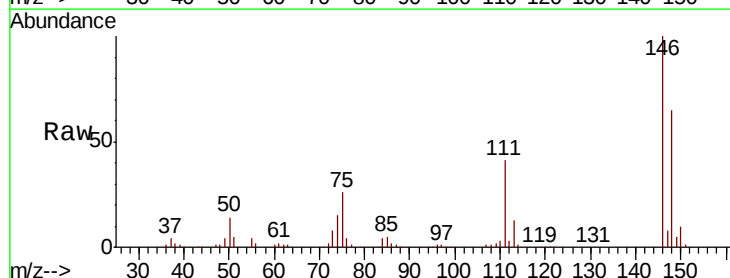
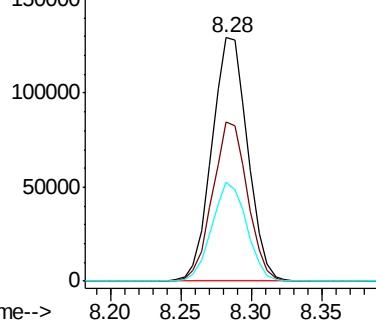
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.0
111	40.9	31.4	47.2

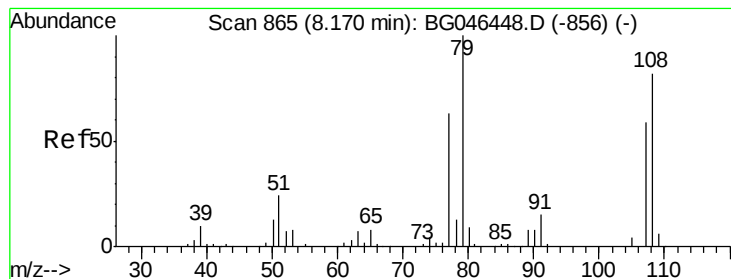
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.117 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

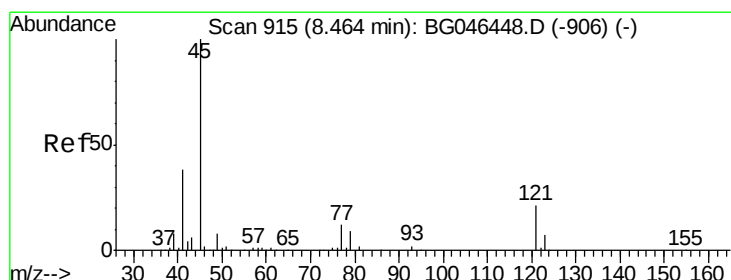
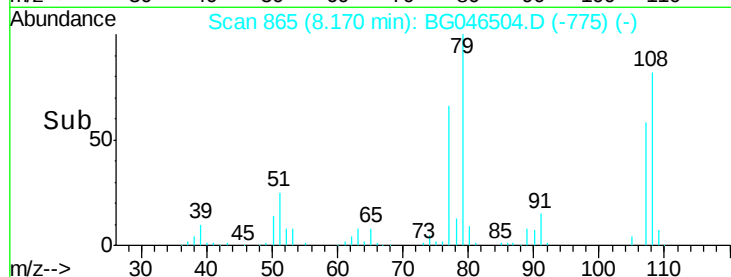
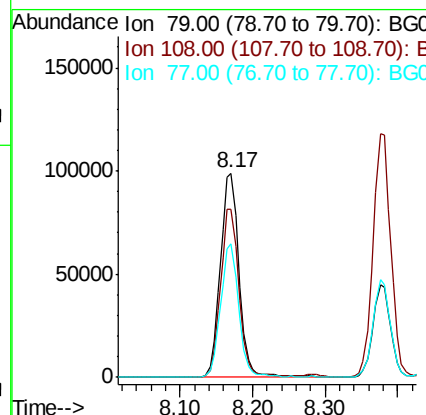
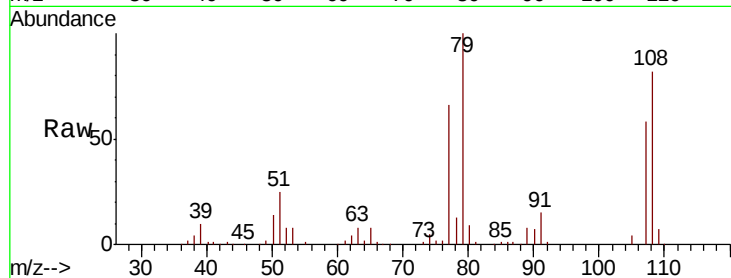
ClientSampleId :

PB131362BSD

Tot Ion:	79	Resp:	177899
Ion	Ratio	Lower	Upper
79	100		
108	82.2	65.7	98.5
77	65.6	50.3	75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.771 ng

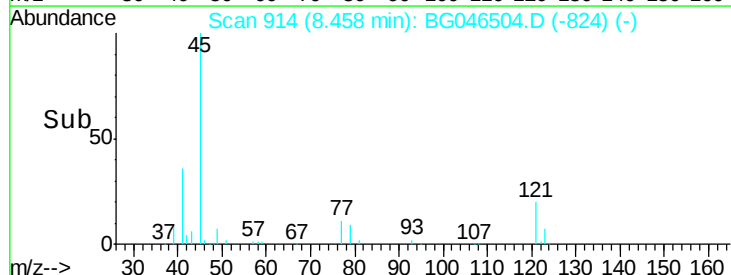
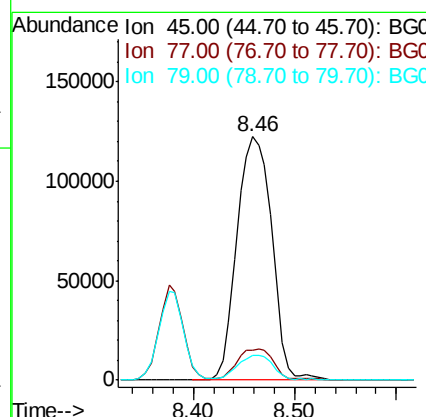
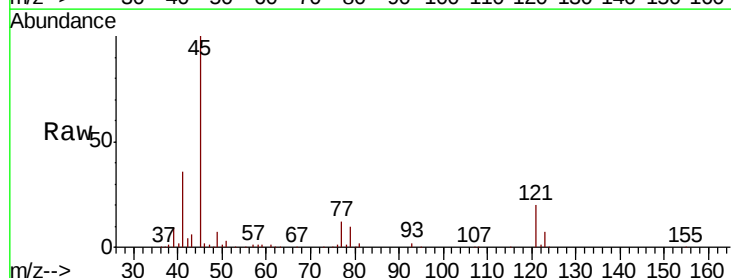
RT: 8.46 min Scan# 914

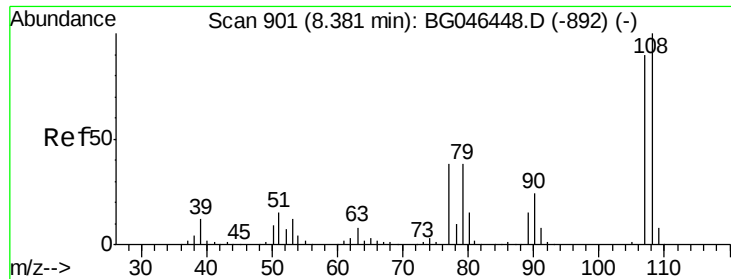
Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Tgt Ion:	45	Resp:	292313
Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	33.2
79	9.9	0.0	30.3





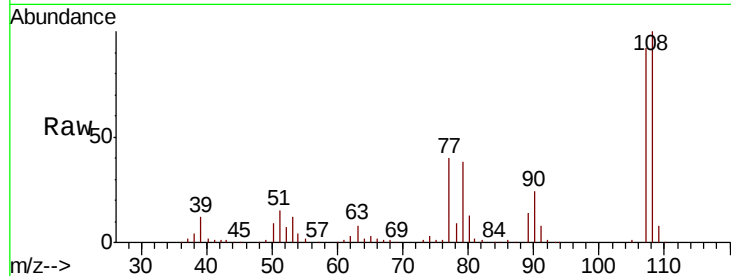
#17
2-Methylphenol
Concen: 41.097 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.4	89.4	134.0	
77	43.7	34.5	51.7	
79	41.2	33.8	50.6	

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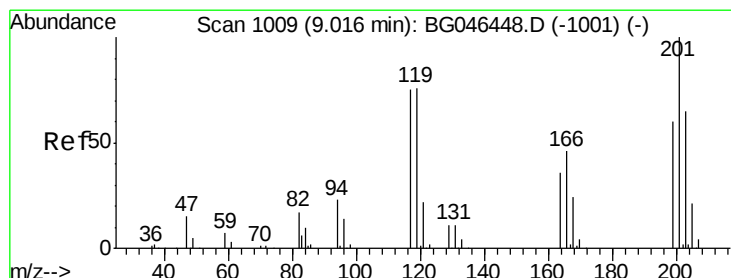
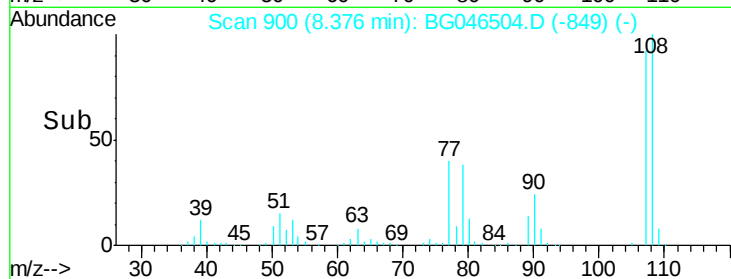
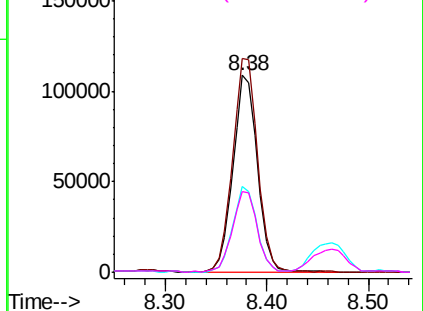
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

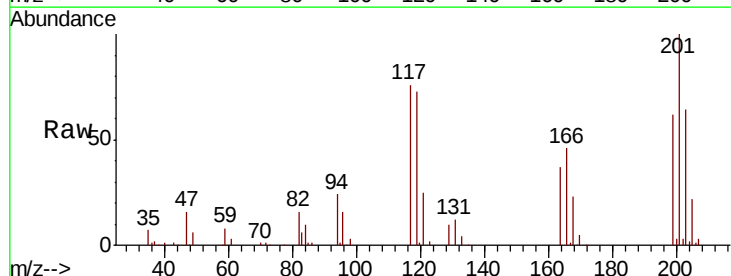
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.588 ng
RT: 9.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	80.8	121.2	
201	131.0	106.7	160.1	

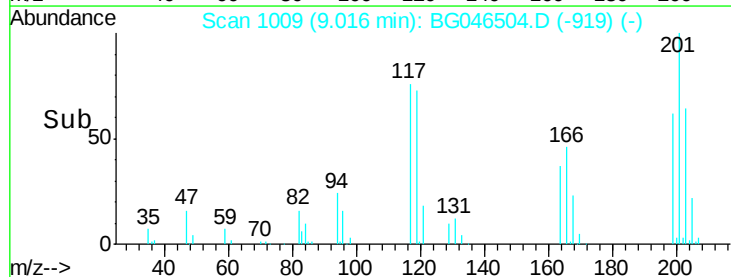
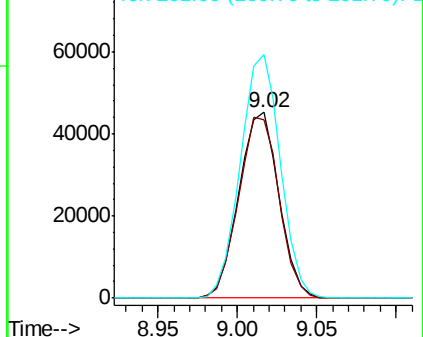


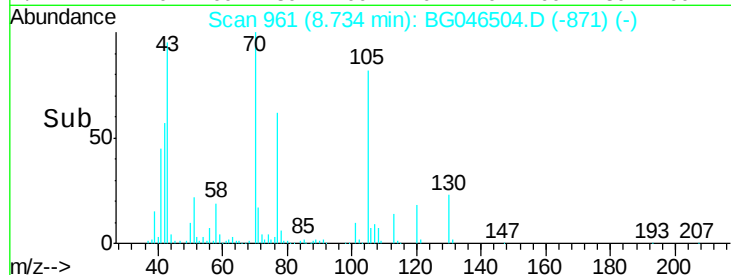
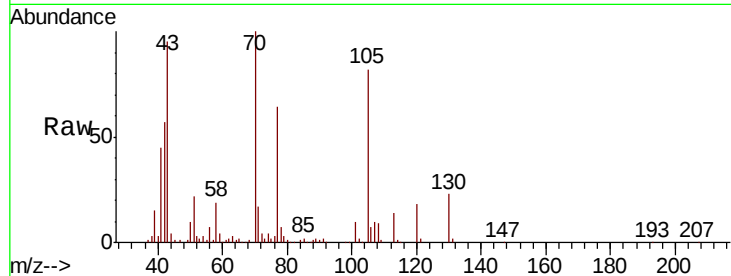
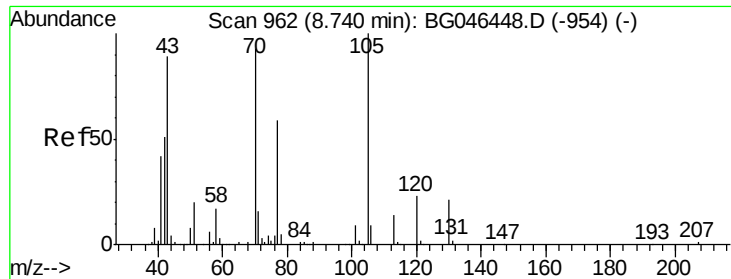
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





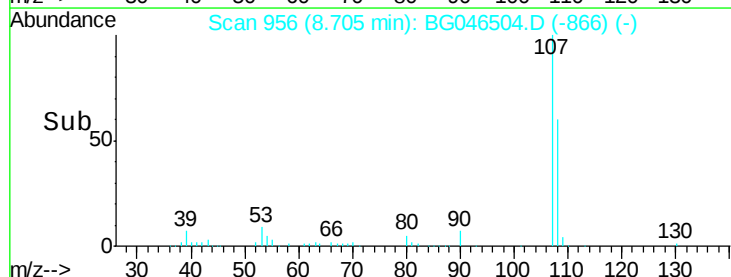
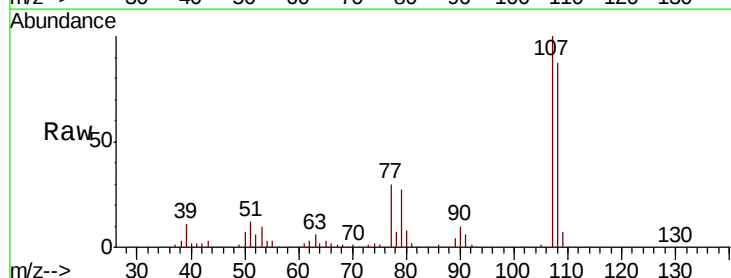
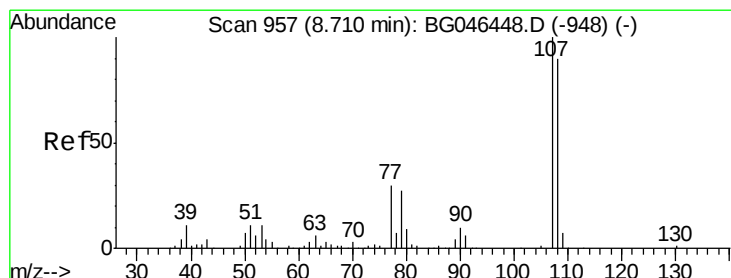
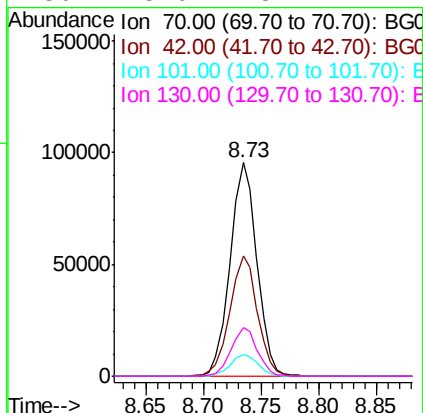
#19
n-Nitroso-di-n-propylamine
Concen: 37.964 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

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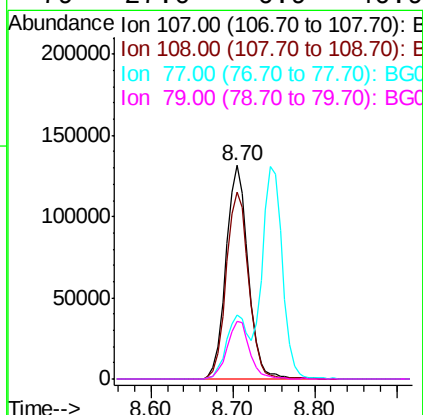
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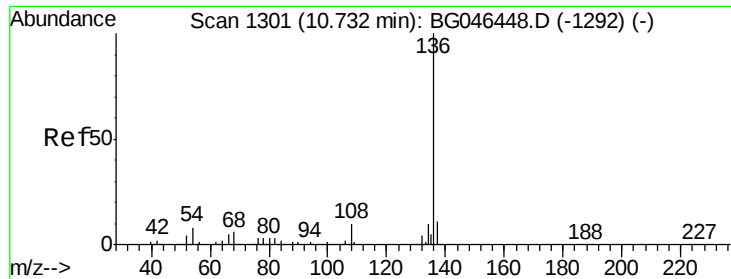
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.5	44.2	66.2
101	10.0	7.8	11.8
130	23.0	18.2	27.4



#20
3+4-Methylphenols
Concen: 40.780 ng
RT: 8.70 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	69.7	109.7
77	30.2	9.7	49.7
79	27.0	6.9	46.9





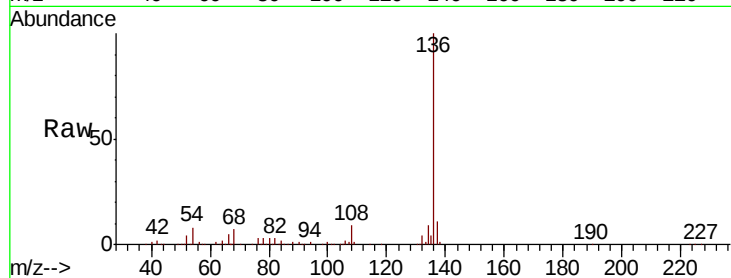
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	328101		
137	11.3		8.8	13.2
54	7.8		6.1	9.1
68	6.5		4.8	7.2

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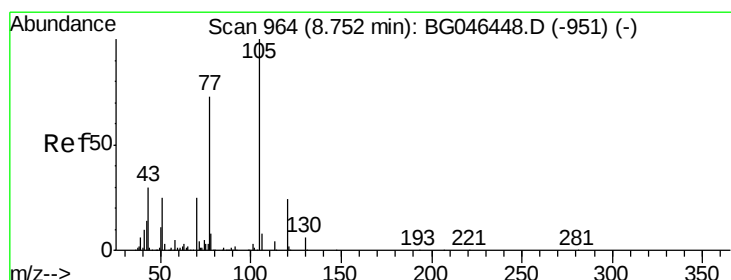
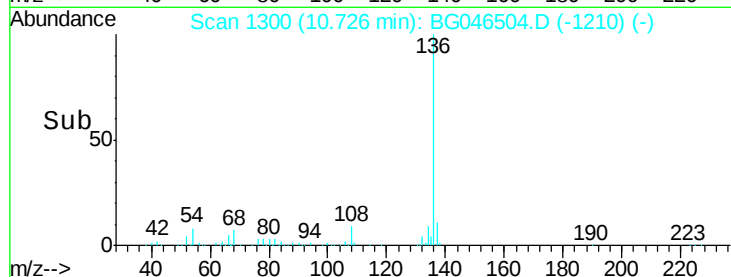
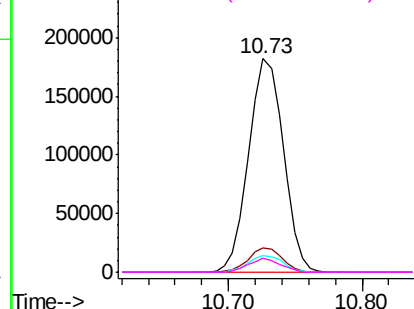
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

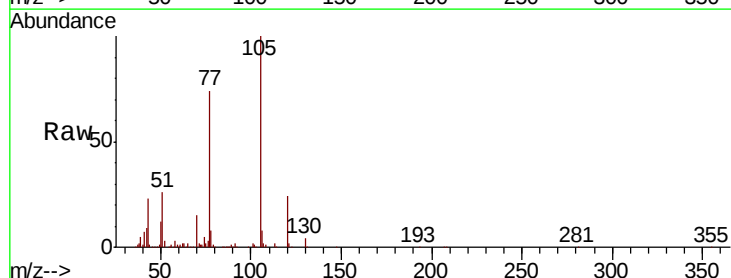
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.132 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	296560		
71	2.5		3.3	4.9#
51	26.1		20.6	31.0
120	23.7		19.0	28.6



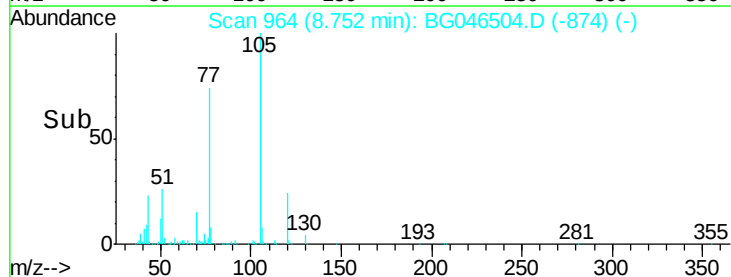
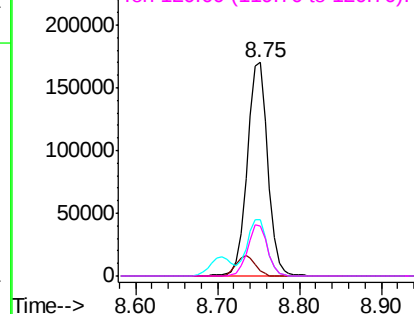
Abundance

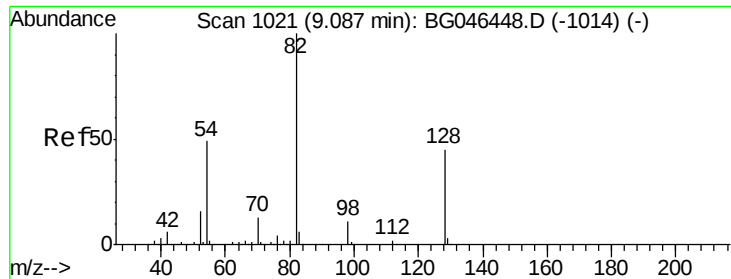
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





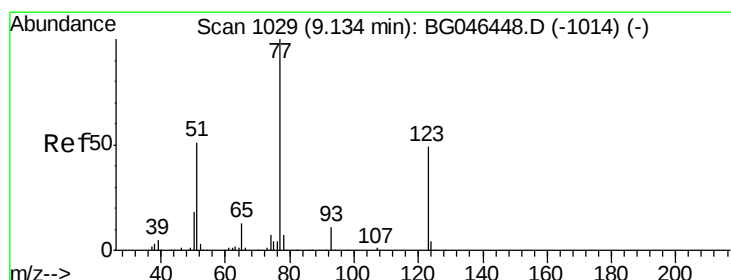
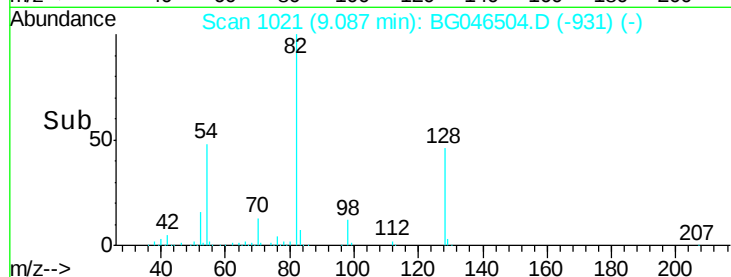
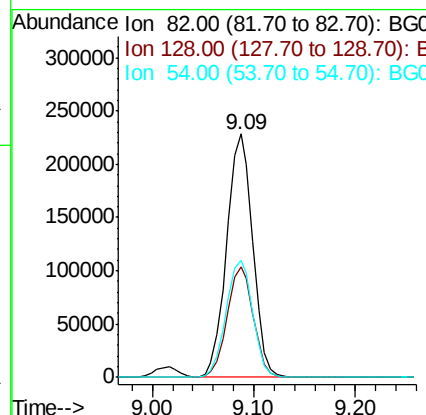
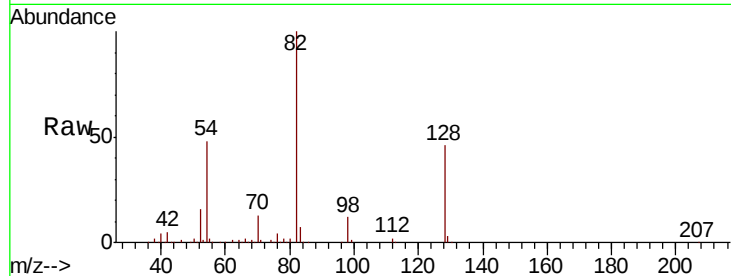
#23
Nitrobenzene-d5
Concen: 70.629 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	35.7	53.5	
54	48.1	39.4	59.0	

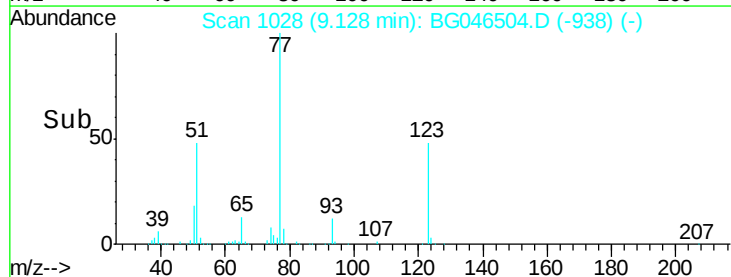
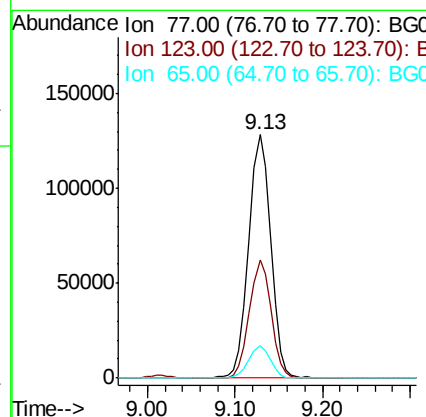
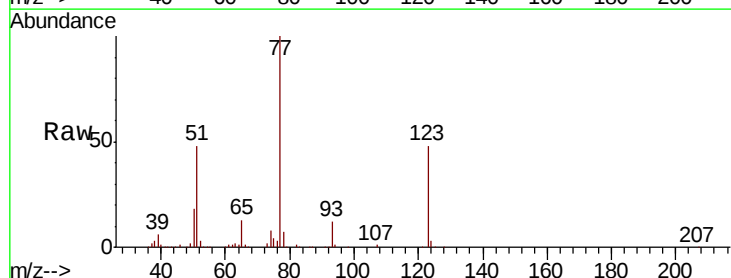
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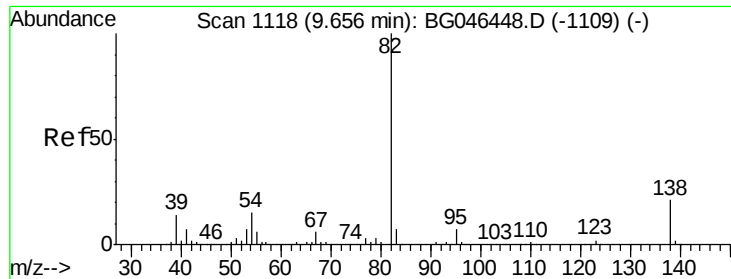
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#24
Nitrobenzene
Concen: 38.472 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.4	39.6	59.4	
65	13.3	10.1	15.1	





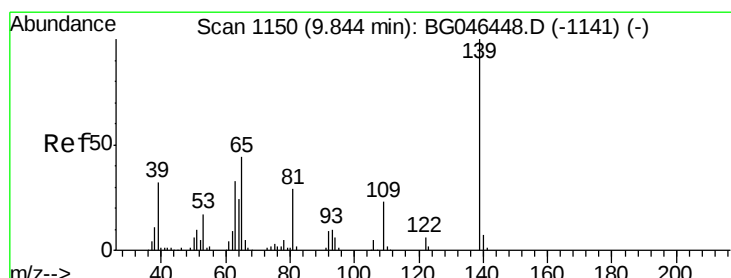
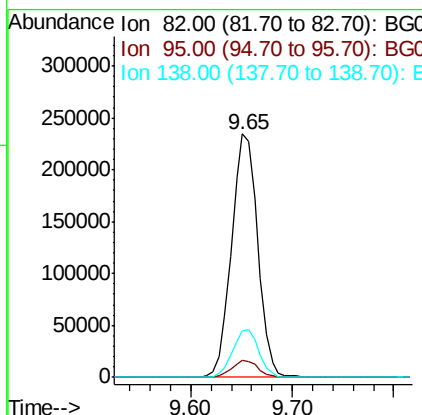
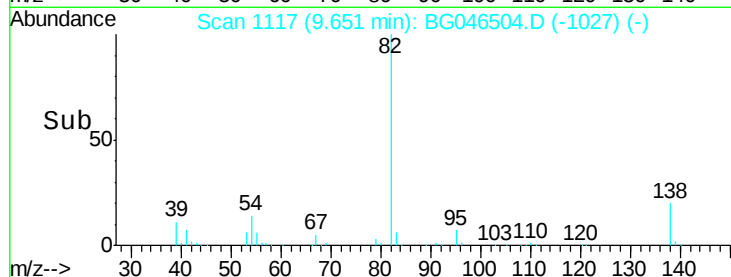
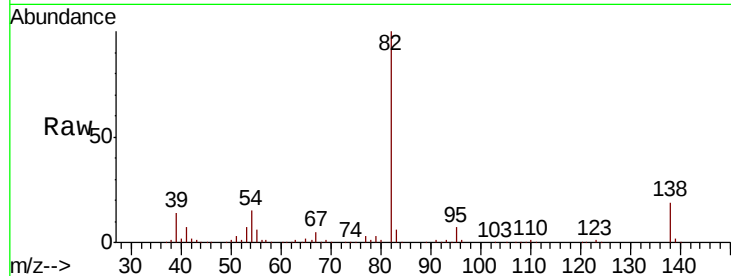
#25
Isophorone
Concen: 39.932 ng
RT: 9.65 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	420269		
95	6.9		5.8	8.6
138	19.3		16.4	24.6

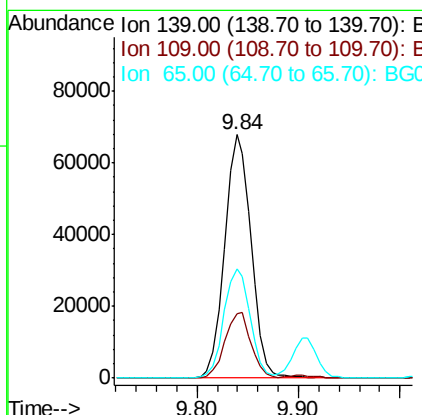
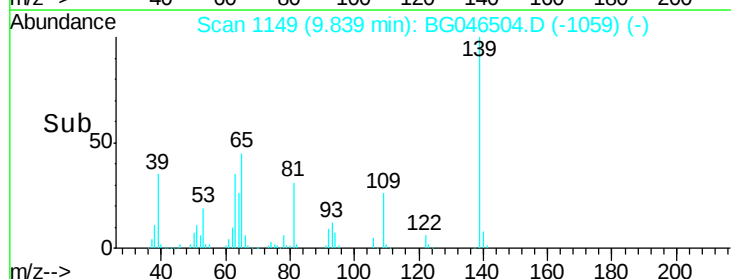
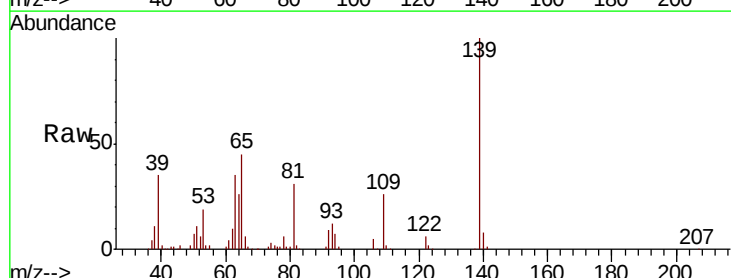
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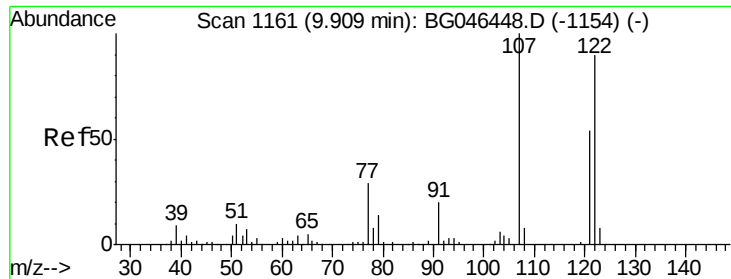
mohammad
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#26
2-Nitrophenol
Concen: 40.945 ng
RT: 9.84 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	122517		
109	26.4		18.8	28.2
65	45.0		35.0	52.6





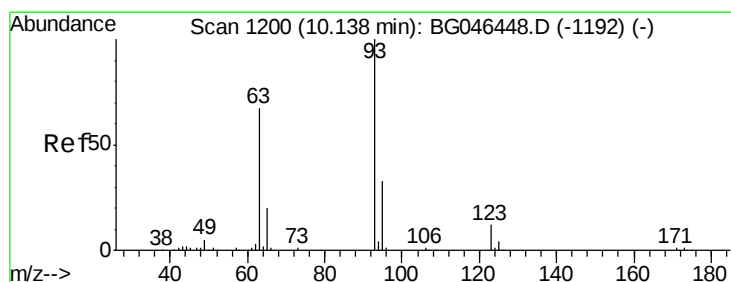
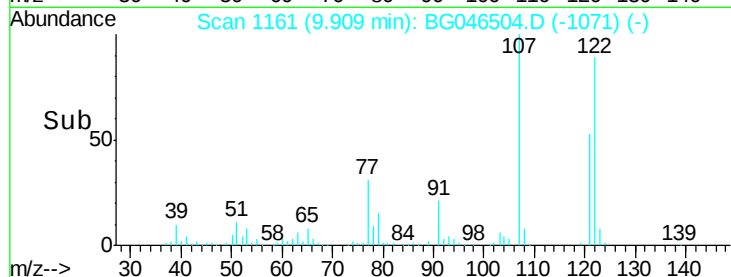
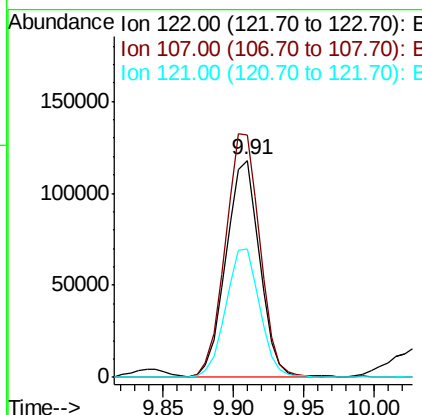
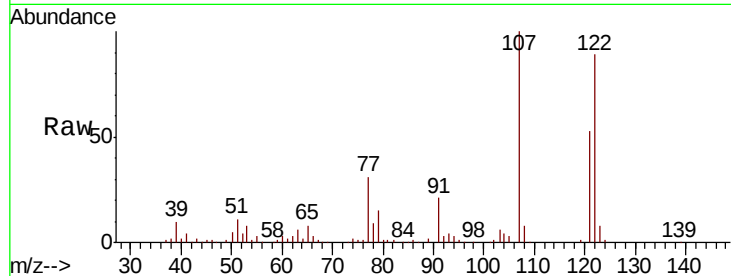
#27
2,4-Dimethylphenol
Concen: 47.109 ng
RT: 9.91 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	193875		
107	111.7	88.2	132.2	
121	59.4	47.4	71.0	

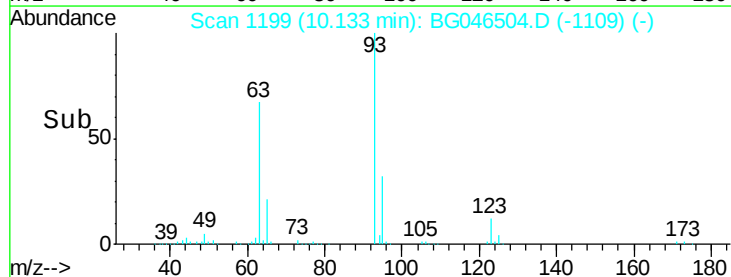
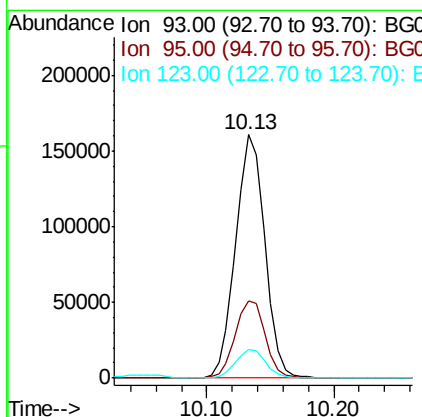
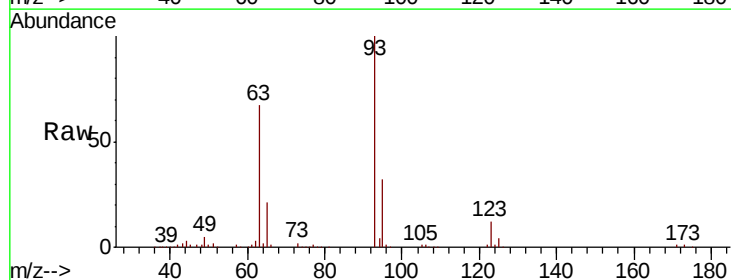
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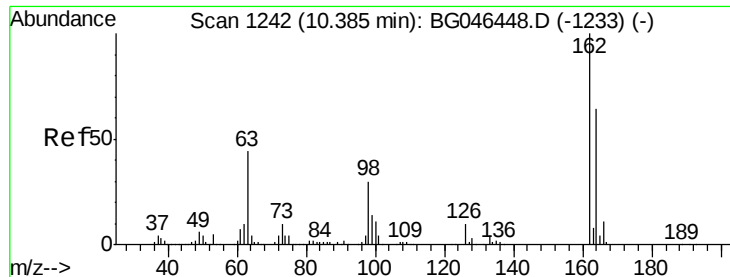
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 37.933 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	256961		
95	31.6	26.1	39.1	
123	11.9	9.5	14.3	





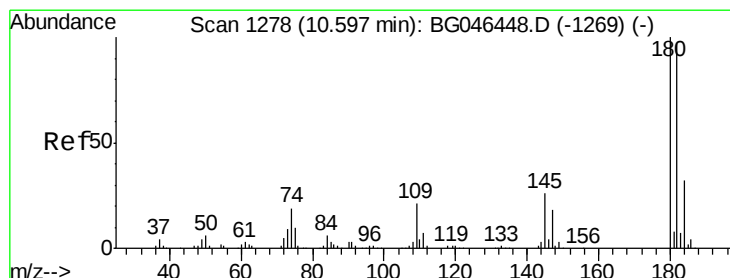
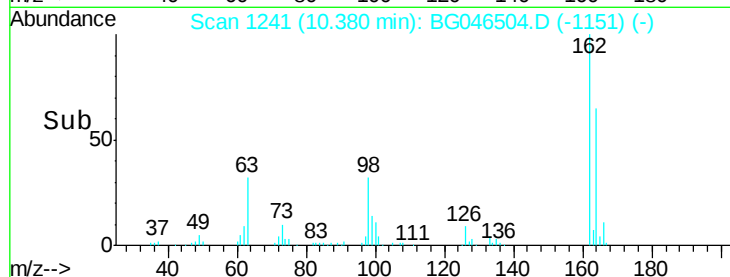
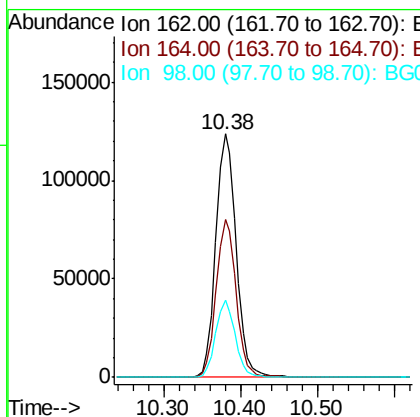
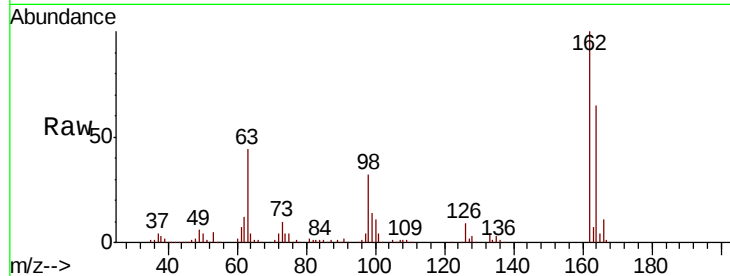
#29
 2,4-Dichlorophenol
 Concen: 41.058 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	225255		
164	64.8	44.3	84.3	
98	31.6	10.0	50.0	

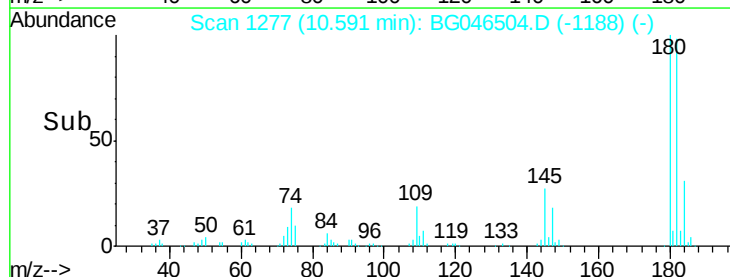
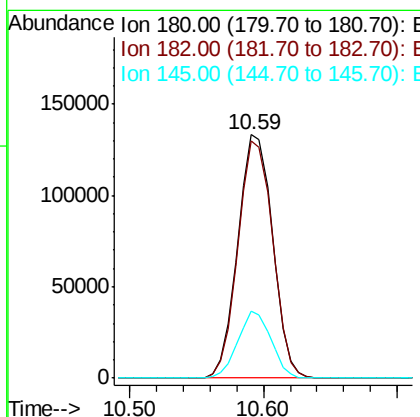
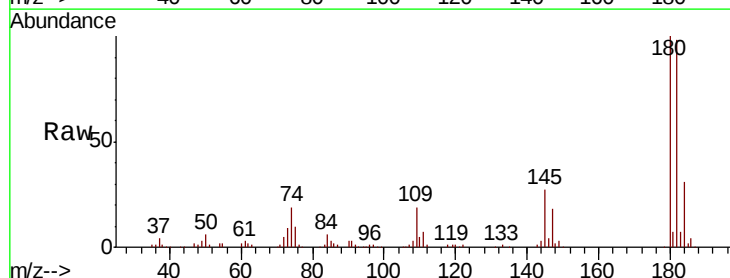
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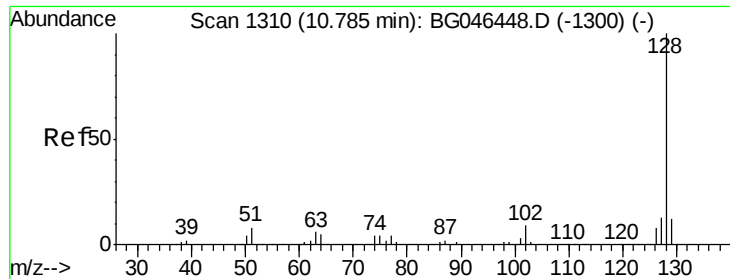
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.000 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	240853		
182	97.6	77.8	116.8	
145	27.3	20.9	31.3	





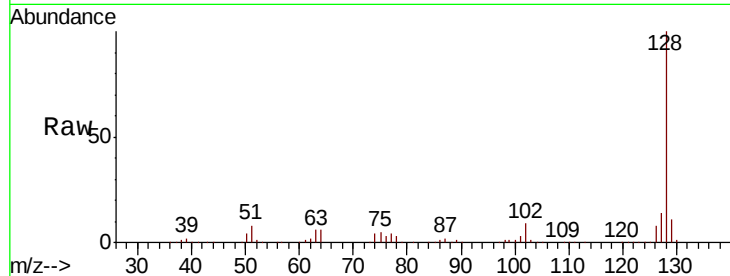
#31
Naphthalene
Concen: 38.128 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	14.1	10.7	16.1

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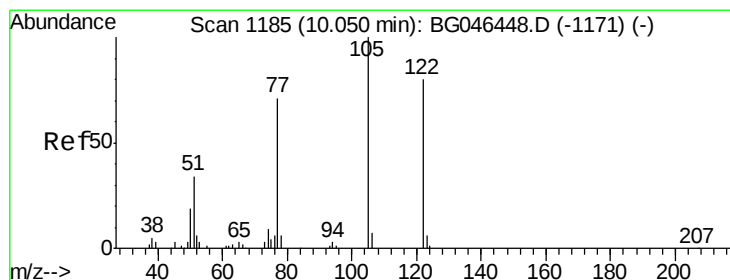
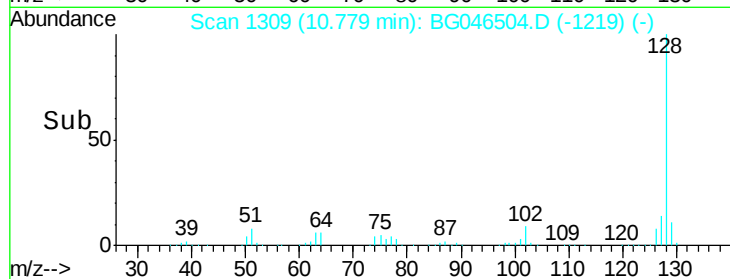
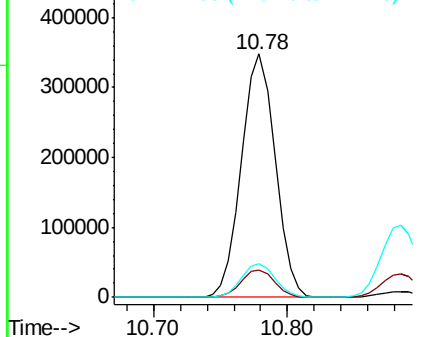


Abundance

Ion 128.00 (127.70 to 128.70): E

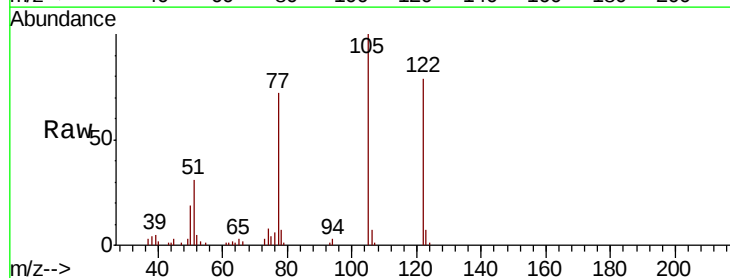
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 30.862 ng
RT: 10.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.1	102.5	142.5
77	91.9	68.2	108.2

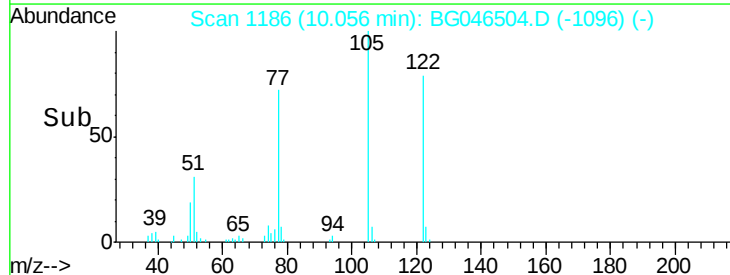
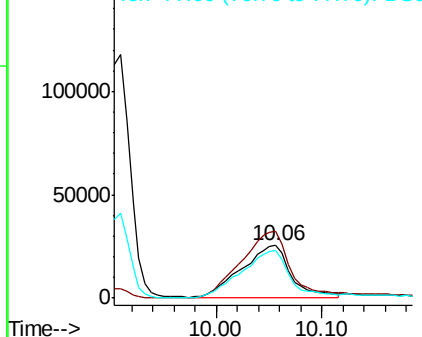


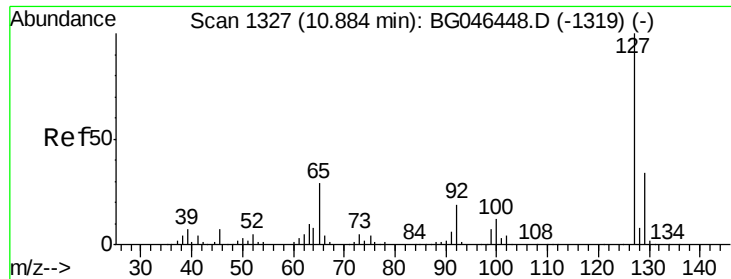
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





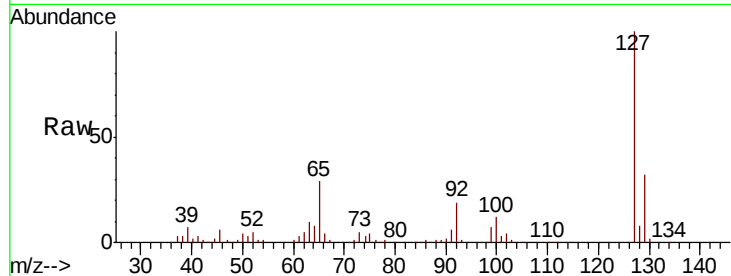
#33
4-Chloroaniline
Concen: 28.805 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

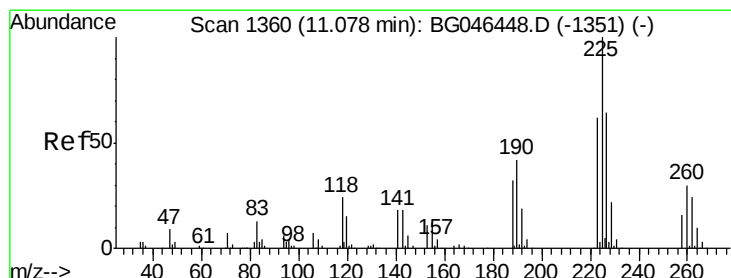
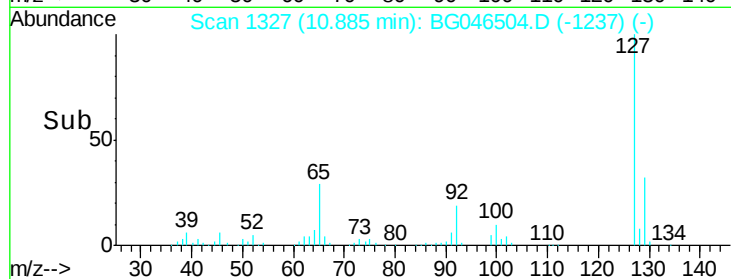
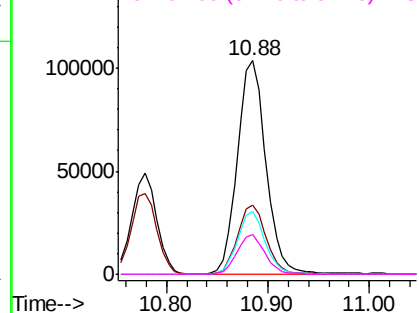
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	27.0	40.4		
65	29.2	23.5	35.3		
92	18.6	14.9	22.3		

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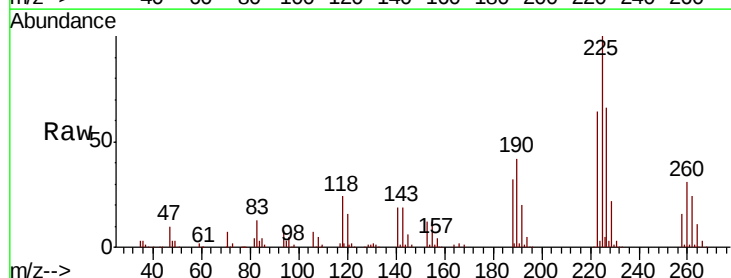


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

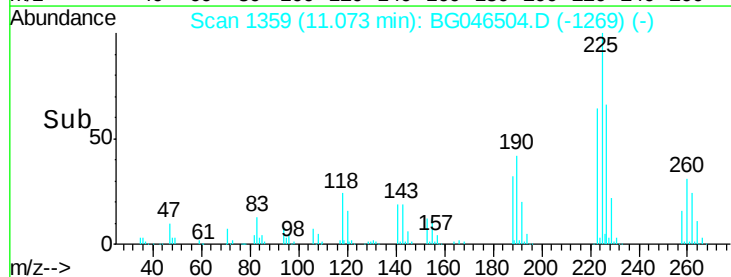
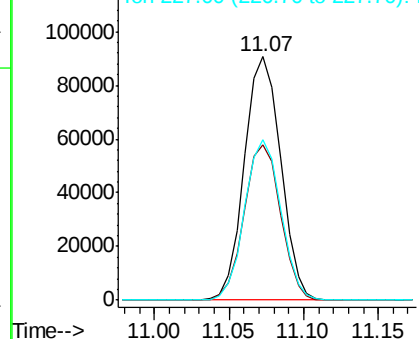


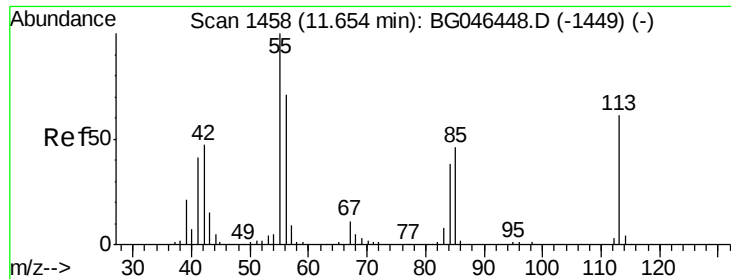
#34
Hexachlorobutadiene
Concen: 36.226 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	49.9	74.9		
227	66.0	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





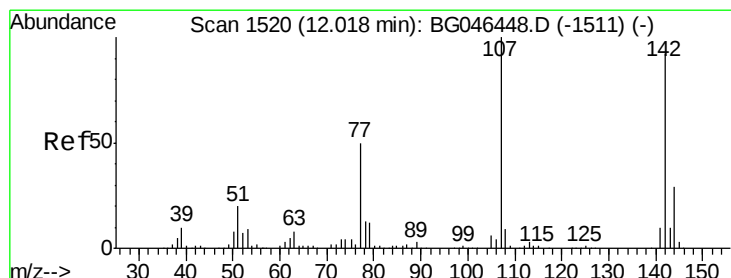
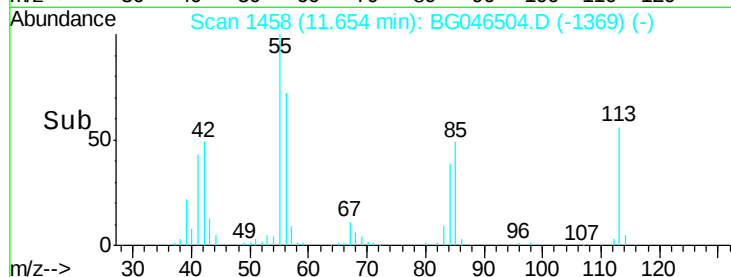
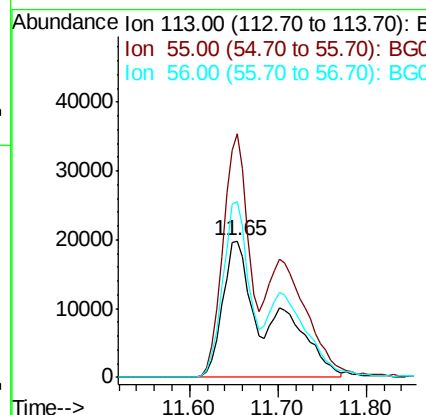
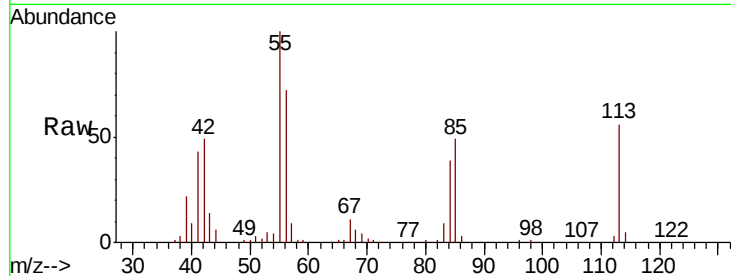
#35
Caprolactam
Concen: 35.743 ng/ml
RT: 11.65 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	178.5	144.2	184.2
56	129.3	97.0	137.0

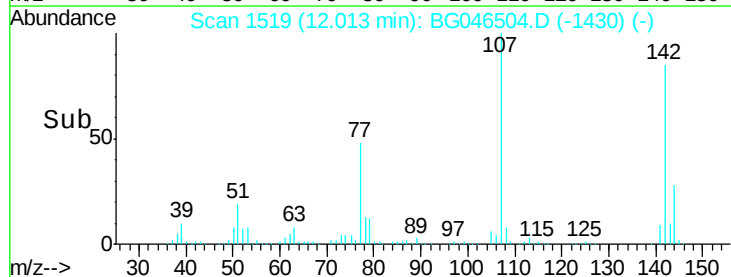
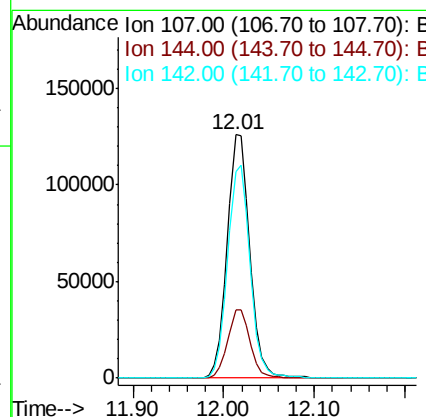
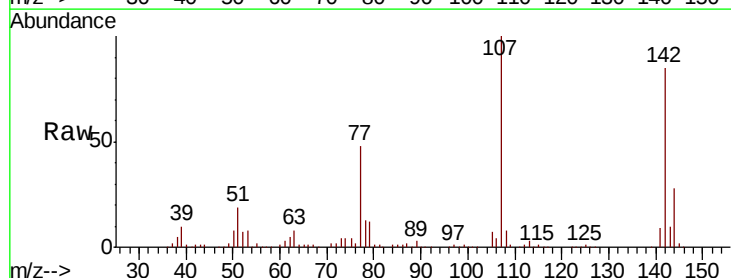
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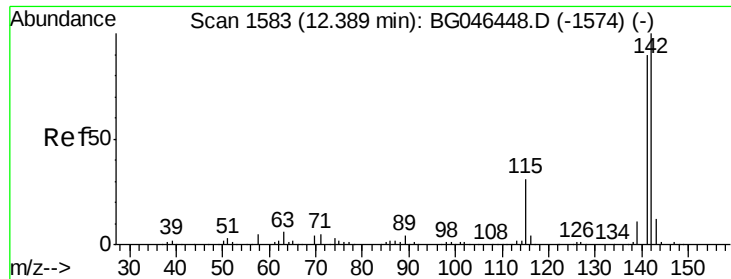
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#36
4-Chloro-3-methylphenol
Concen: 40.741 ng/ml
RT: 12.01 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	23.3	34.9
142	84.9	73.7	110.5





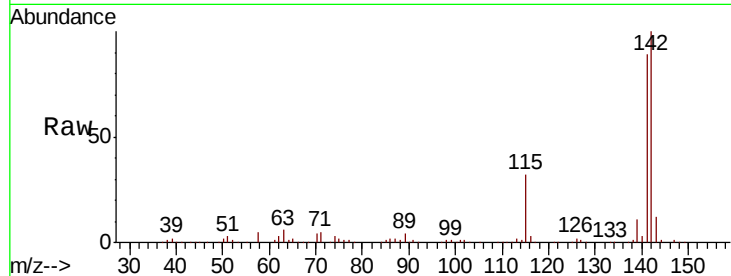
#37
2-Methylnaphthalene
Concen: 38.463 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.1	108.1
115	31.7	24.9	37.3

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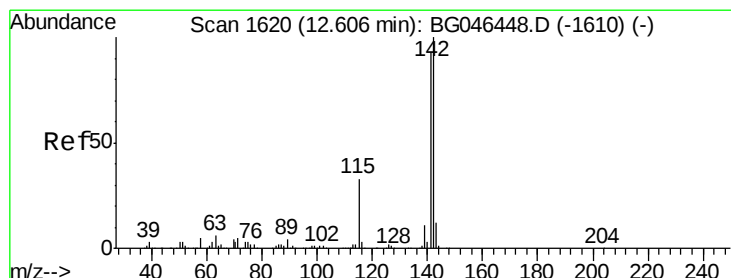
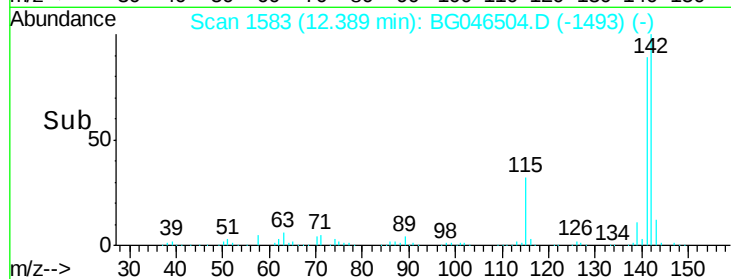
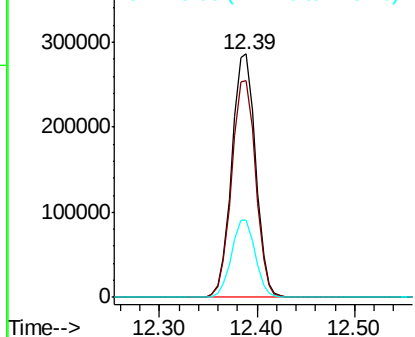


Abundance

Ion 142.00 (141.70 to 142.70): E

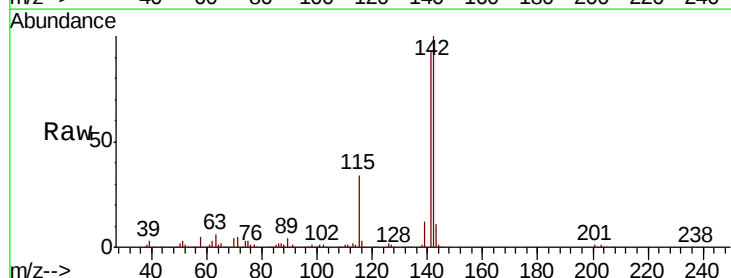
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.386 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.7	112.1
116	3.3	2.6	4.0

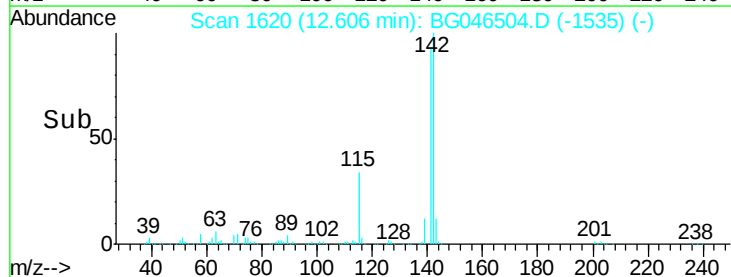
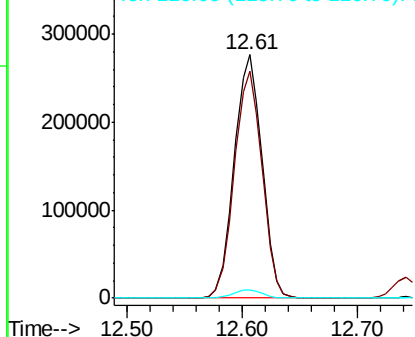


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





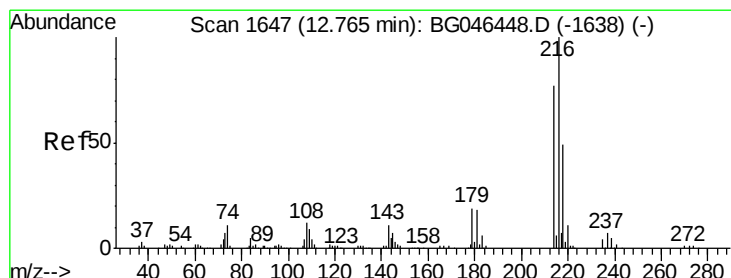
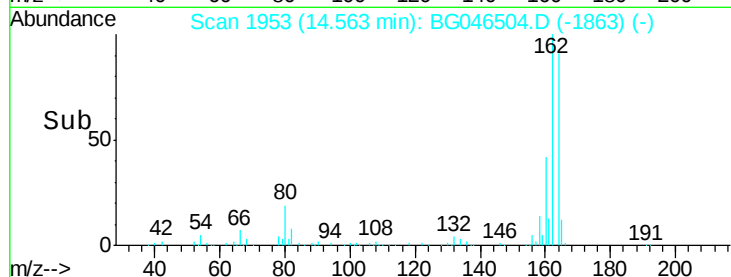
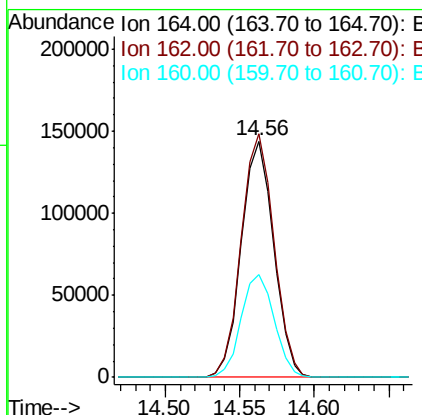
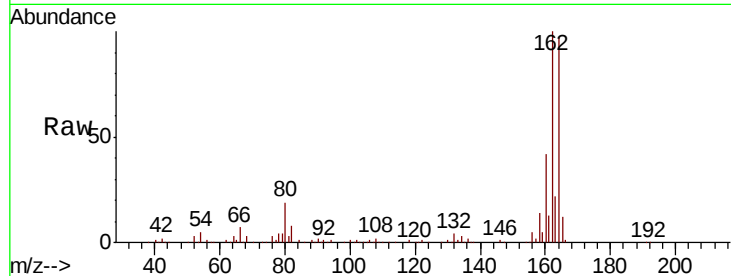
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	83.3	124.9	
160	43.2	35.0	52.6	

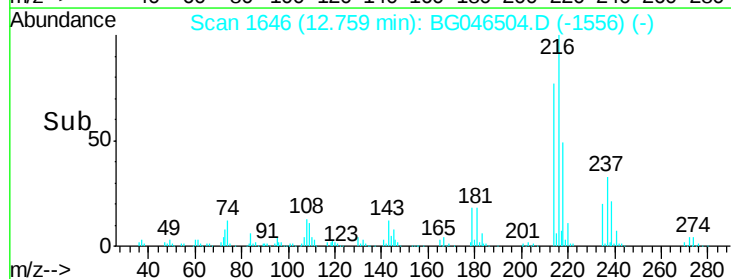
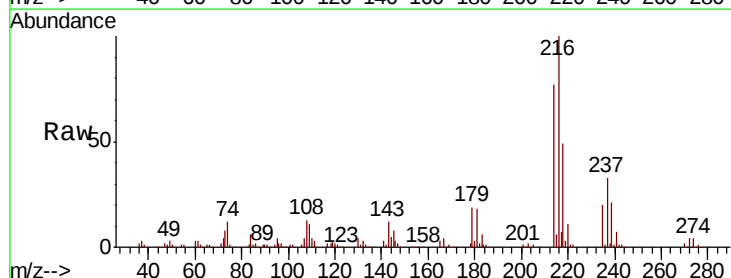
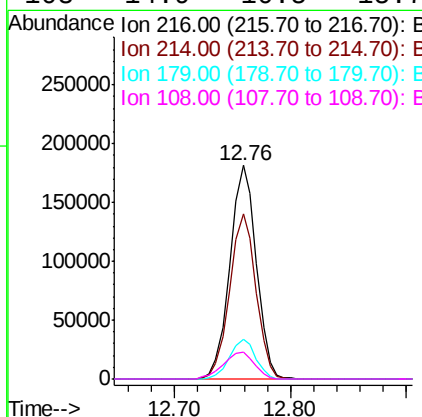
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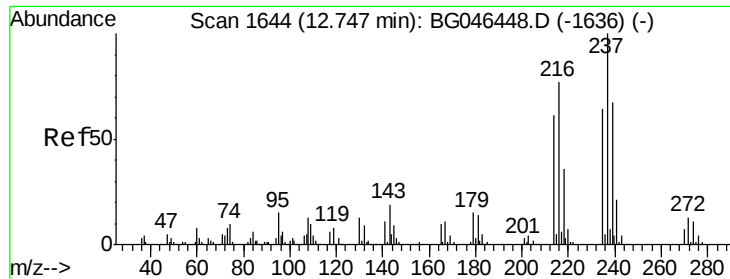
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.069 ng
RT: 12.76 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.4	62.1	93.1	
179	18.5	14.9	22.3	
108	14.9	10.5	15.7	





#41

Hexachlorocyclopentadiene

Concen: 111.768 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

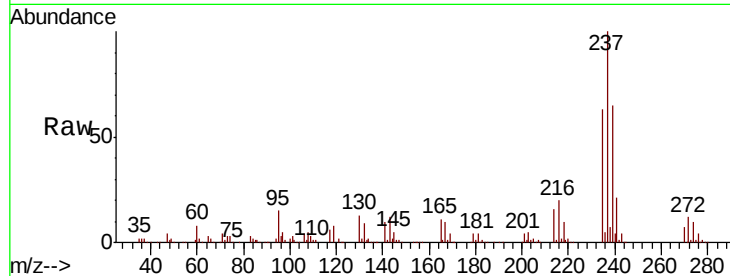
ClientSampleId :

PB131362BSD

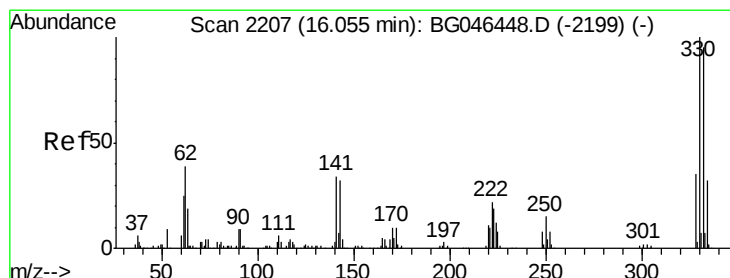
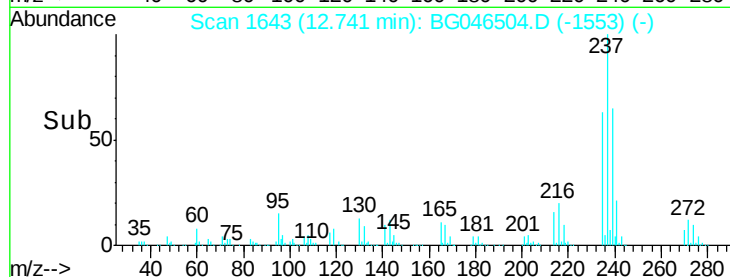
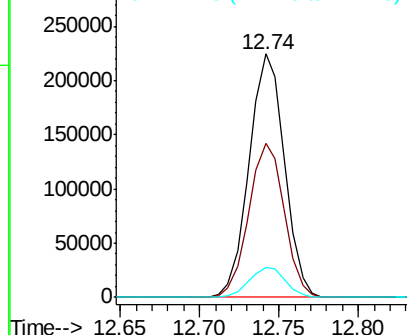
Tot Ion:	237	Resp:	347125
Ion Ratio	Lower	Upper	
237	100		
235	63.3	44.5	84.5
272	12.4	0.0	32.8

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



#42

2,4,6-Tribromophenol

Concen: 95.060 ng

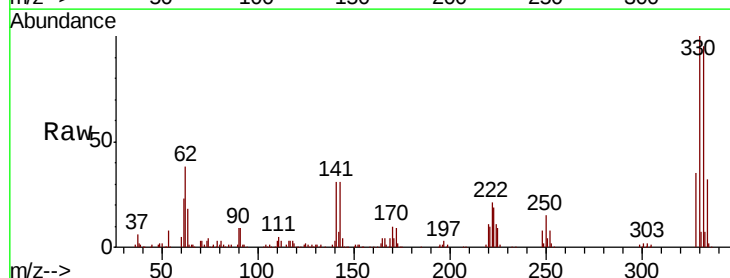
RT: 16.06 min Scan# 2207

Delta R.T. 0.01 min

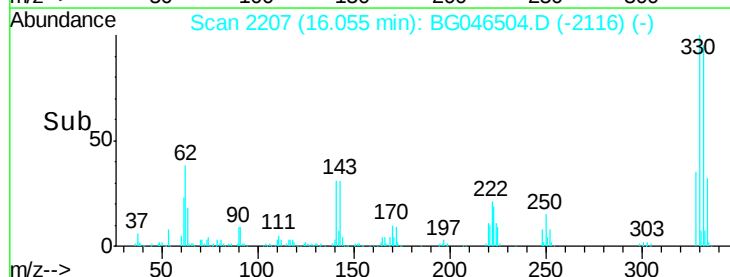
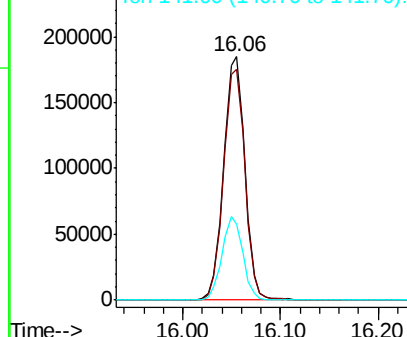
Lab File: BG046504.D

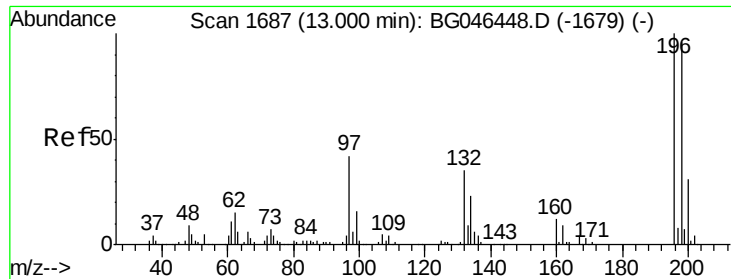
Acq: 2 Sep 2020 15:20

Tgt Ion:	330	Resp:	278977
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.1	114.1
141	33.6	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





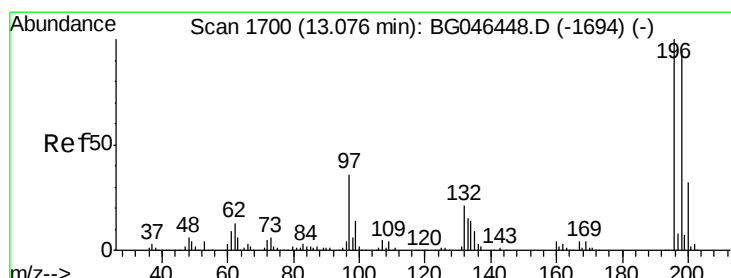
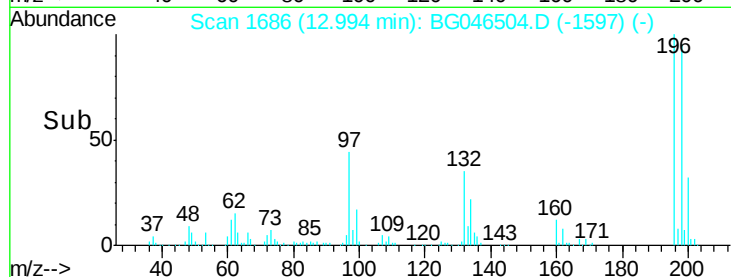
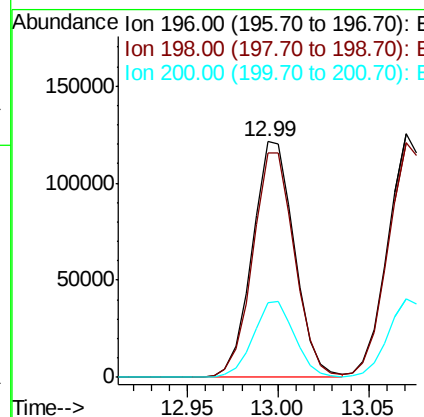
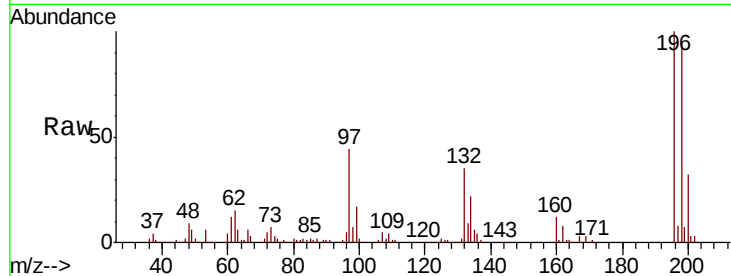
#43
 2,4,6-Trichlorophenol
 Concen: 40.523 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	195324		
198	95.2	77.0	115.6	
200	31.9	25.2	37.8	

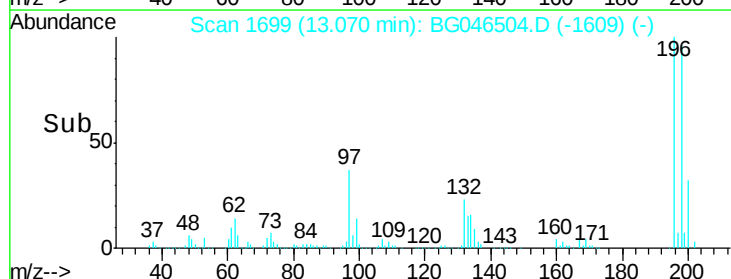
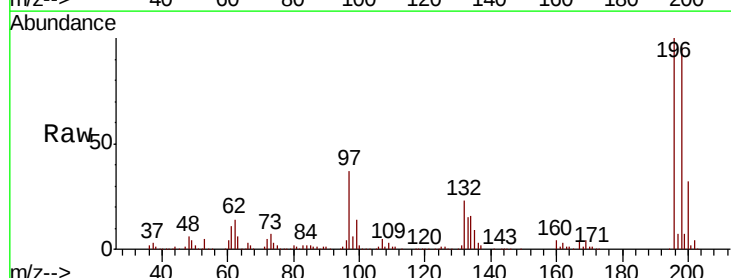
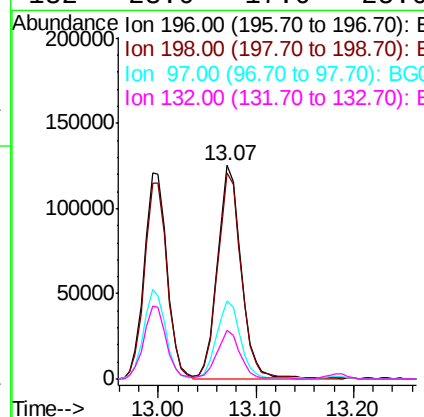
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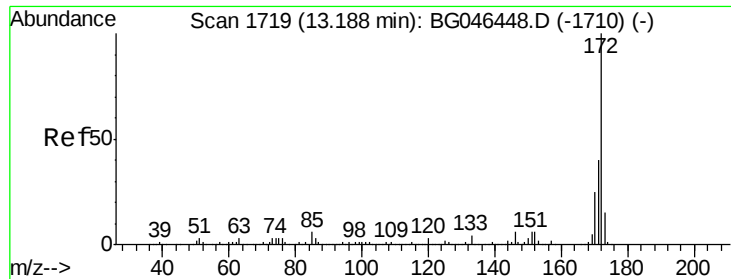
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.635 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	210848		
198	96.3	75.6	113.4	
97	36.7	28.6	43.0	
132	23.0	17.0	25.6	





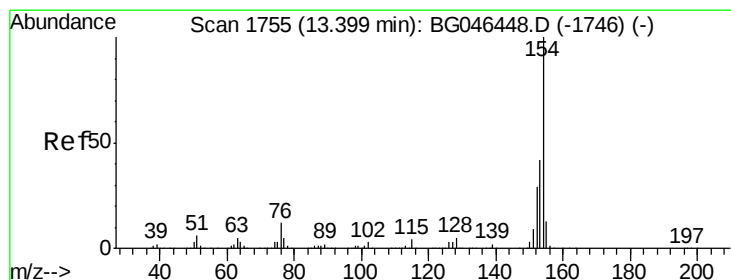
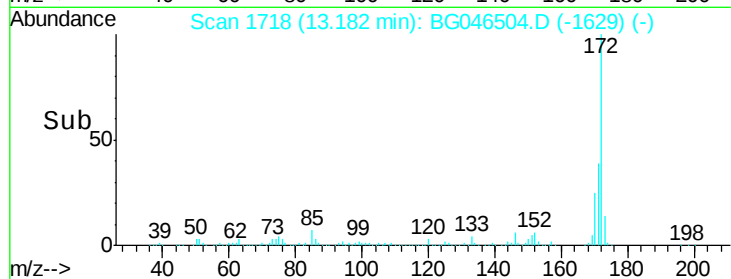
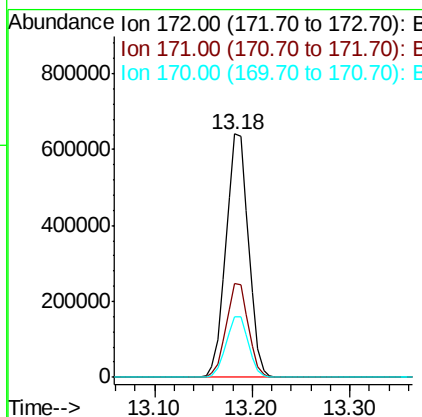
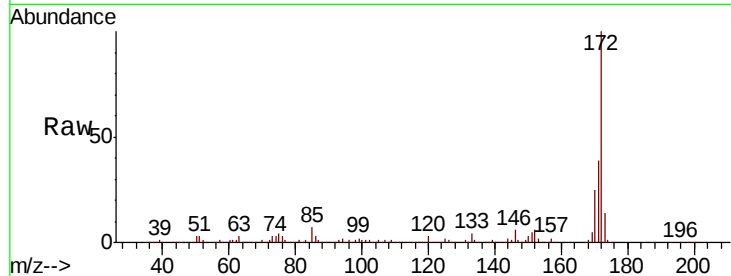
#45
2-Fluorobiphenyl
Concen: 72.021 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.8	47.6
170	24.7	20.3	30.5

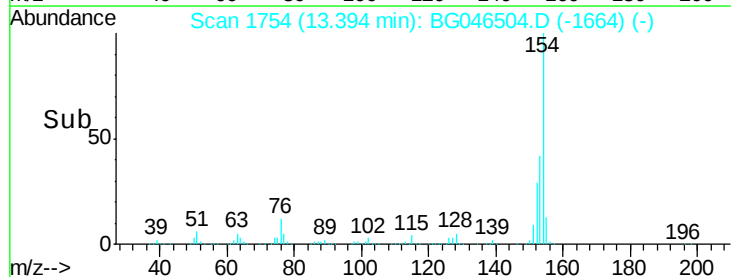
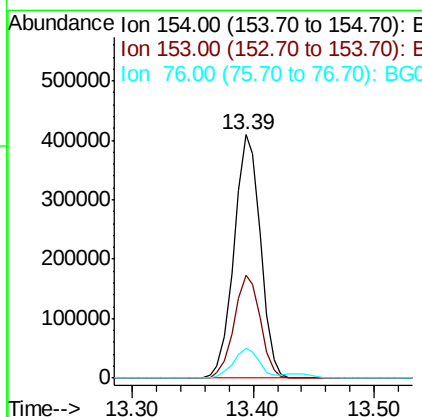
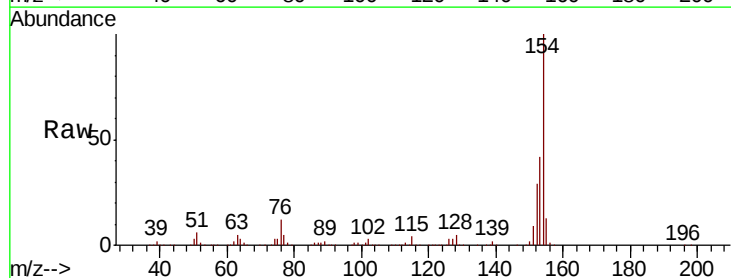
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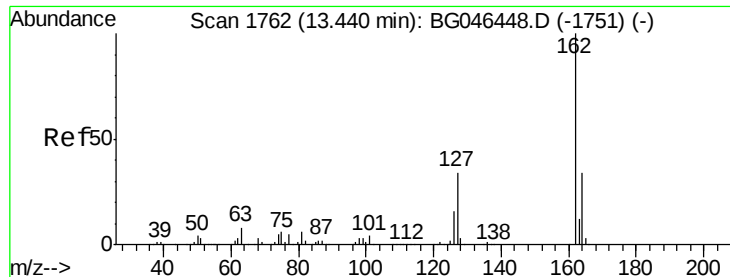
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#46
1,1'-Biphenyl
Concen: 41.347 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.0	62.0
76	12.1	0.0	32.3





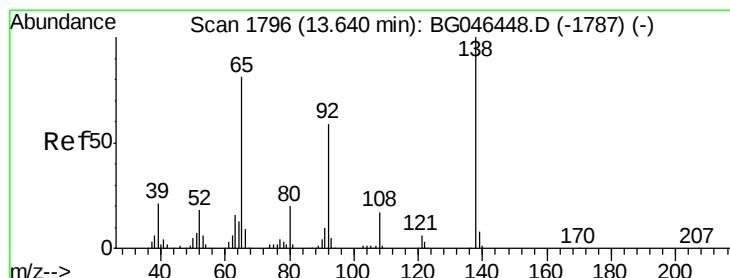
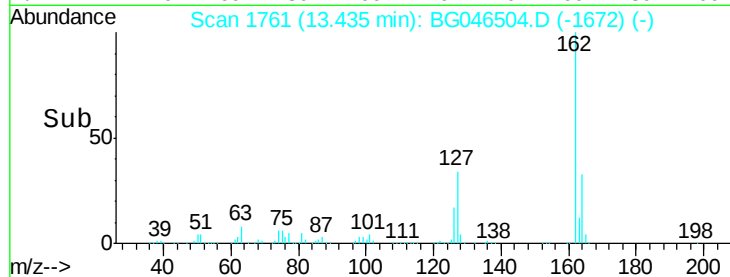
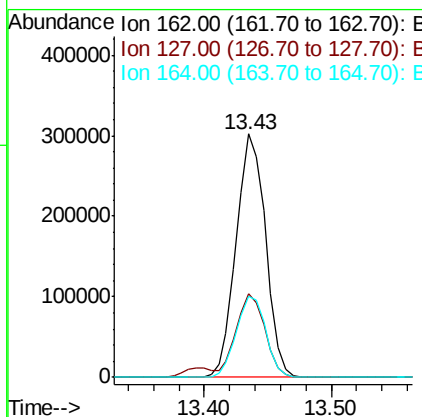
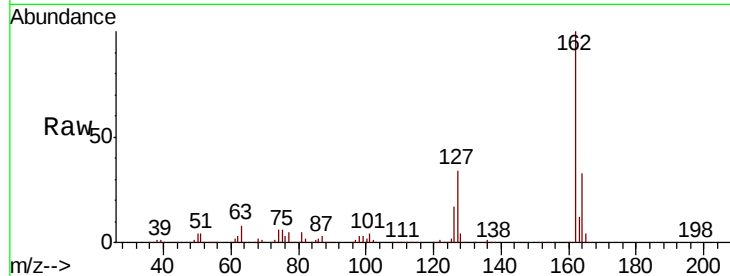
#47
 2-Chloronaphthalene
 Concen: 38.000 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.3	27.6	41.4
164	33.2	27.3	40.9

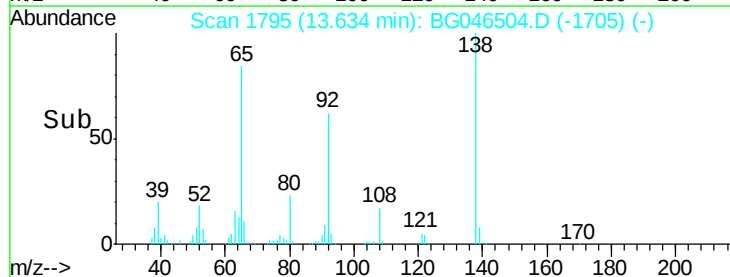
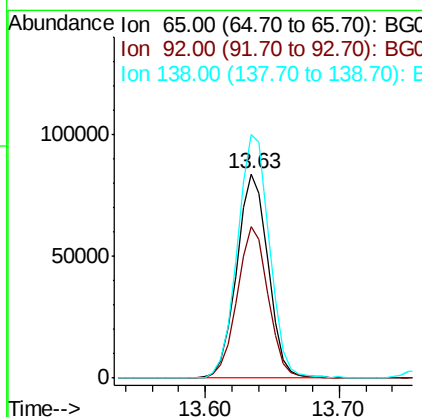
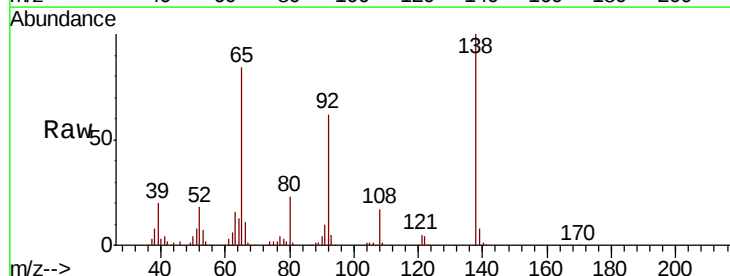
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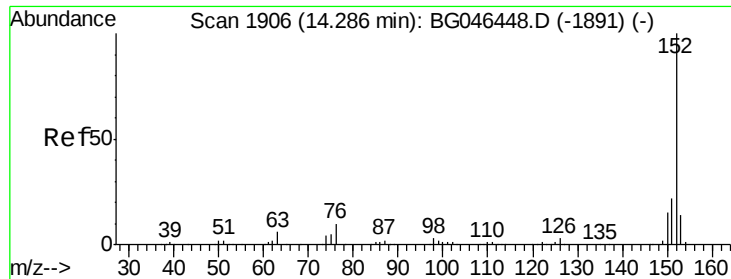
mohammad
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#48
 2-Nitroaniline
 Concen: 38.522 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	58.5	87.7
138	119.3	98.4	147.6





#49

Acenaphthylene

Concen: 40.530 ng

RT: 14.29 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

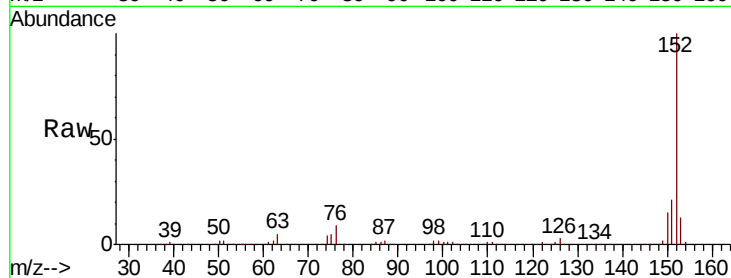
ClientSampleId :

PB131362BSD

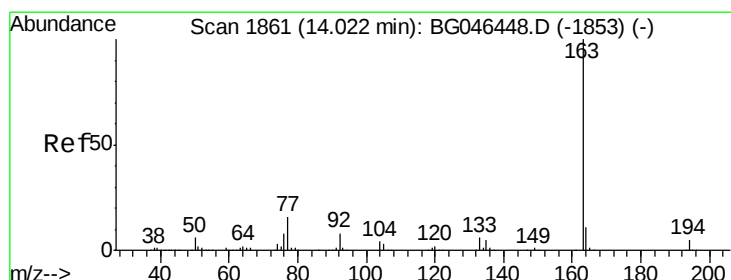
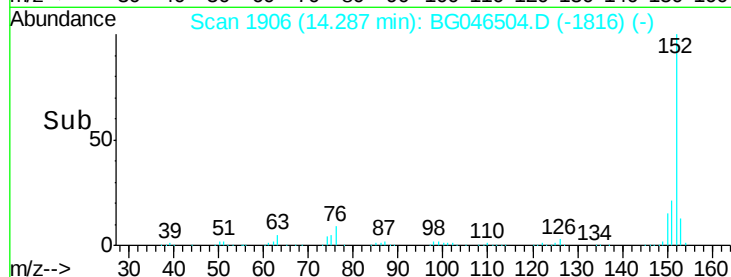
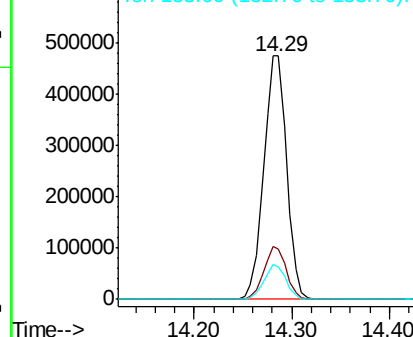
Tot Ion:	152	Resp:	785528
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.7	26.5
153	13.4	11.2	16.8

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



#50

Dimethylphthalate

Concen: 37.925 ng

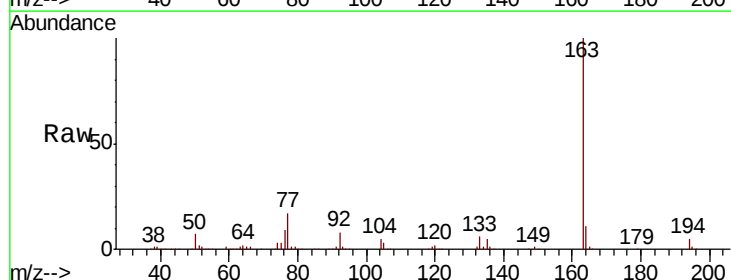
RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

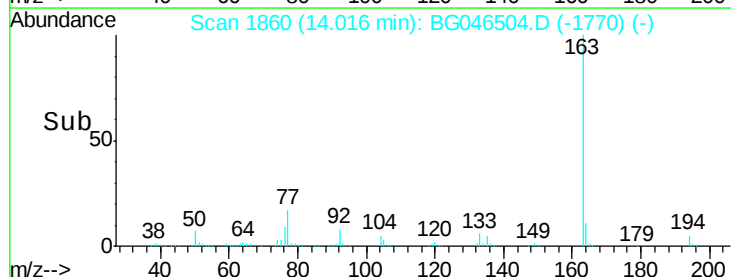
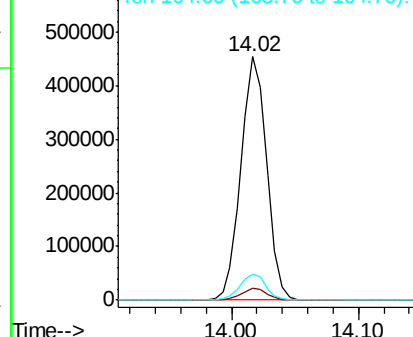
Lab File: BG046504.D

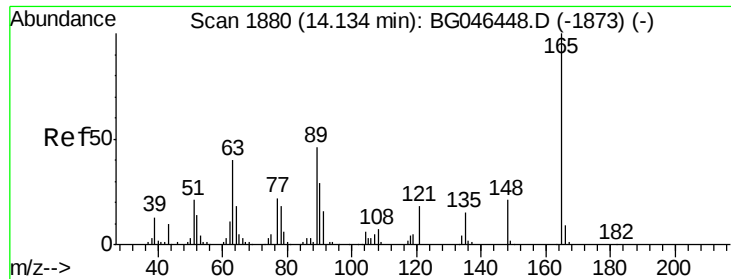
Acq: 2 Sep 2020 15:20

Tgt Ion:	163	Resp:	635517
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.7	5.5
164	10.7	8.6	12.8



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





#51

2,6-Dinitrotoluene

Concen: 39.813 ng

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

Tot Ion:165 Resp: 147062
Ion Ratio Lower Upper

165 100

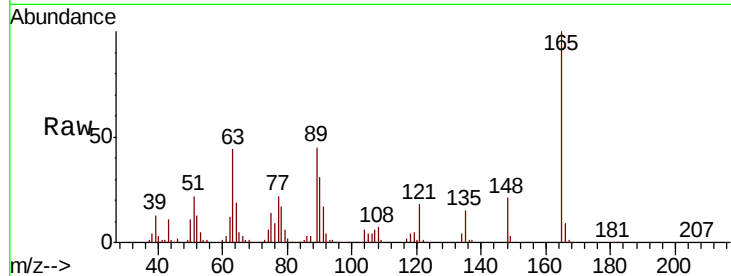
63 43.9 34.2 51.4

89 45.3 37.0 55.4

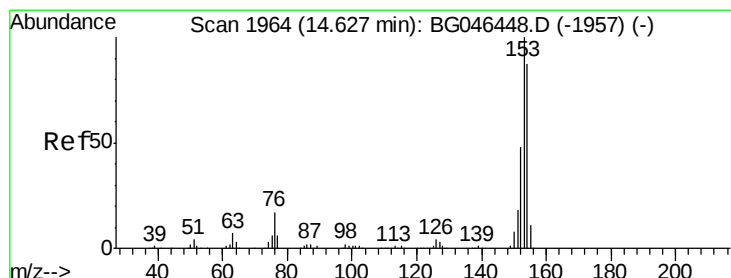
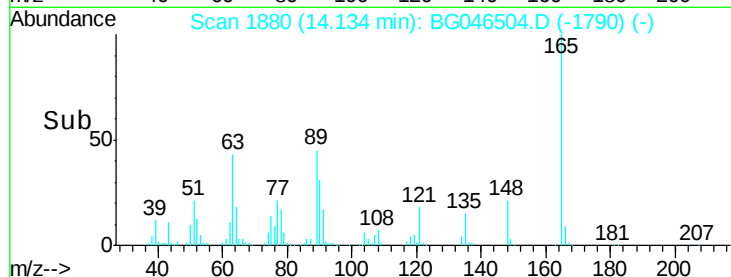
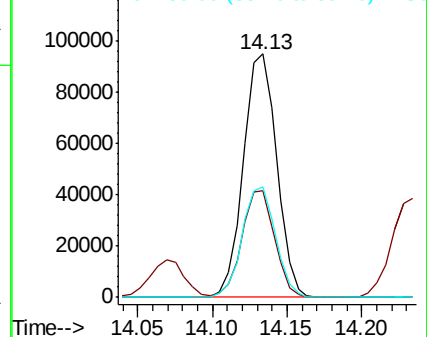
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 38.423 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG046504.D

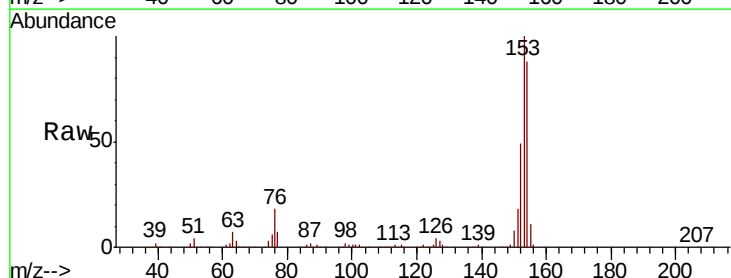
Acq: 2 Sep 2020 15:20

Tgt Ion:154 Resp: 461471
Ion Ratio Lower Upper

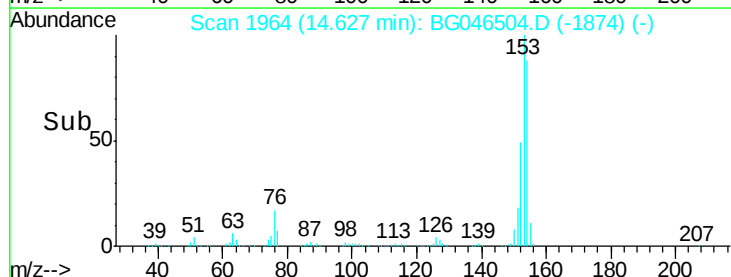
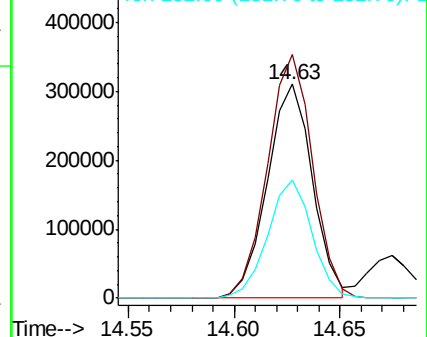
154 100

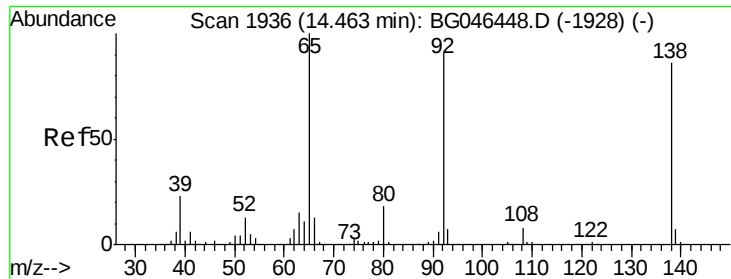
153 114.0 91.9 137.9

152 55.4 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





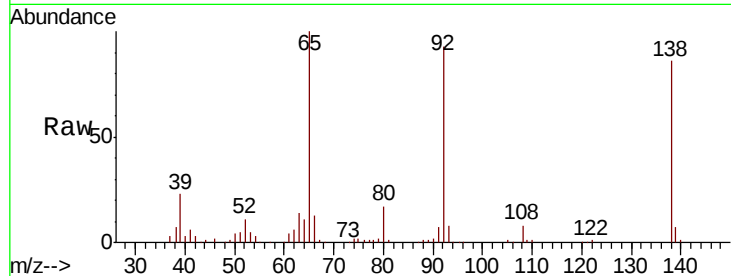
#53
3-Nitroaniline
Concen: 29.278 ng
RT: 14.46 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

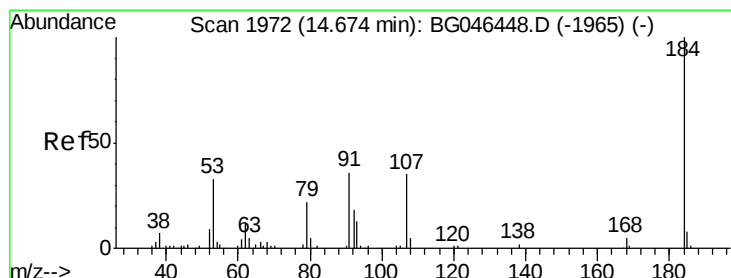
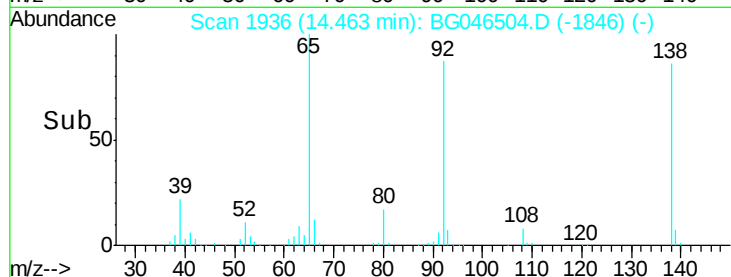
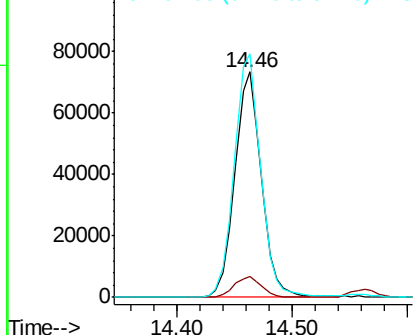
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.0	10.6
92	108.0	84.6	127.0

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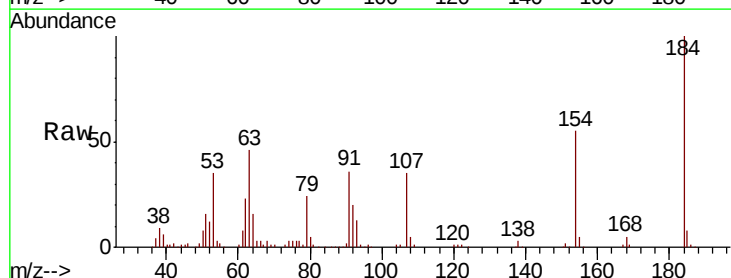


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

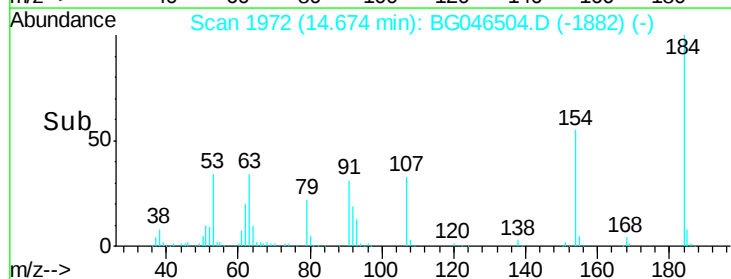
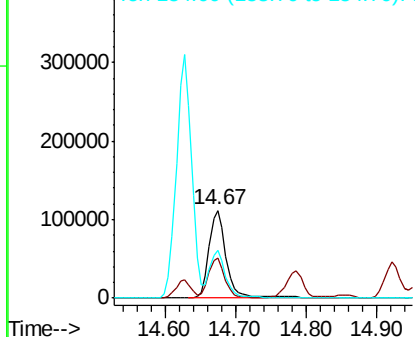


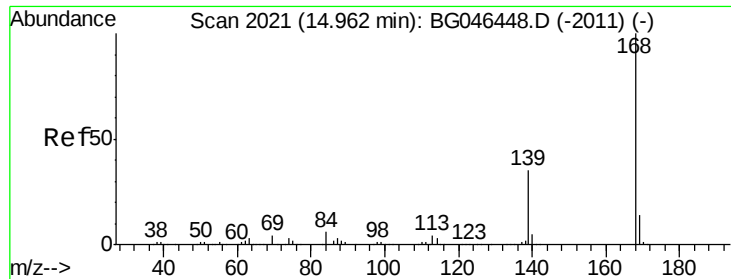
#54
2,4-Dinitrophenol
Concen: 87.953 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	46.0	35.6	53.4
154	55.2	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





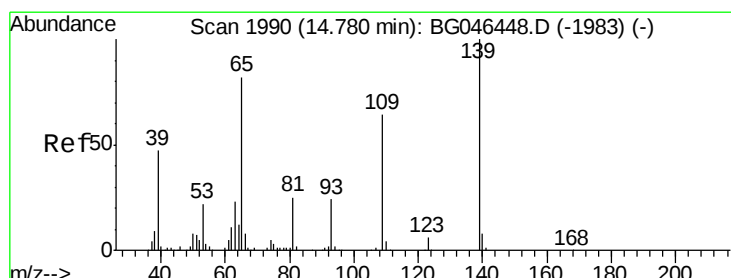
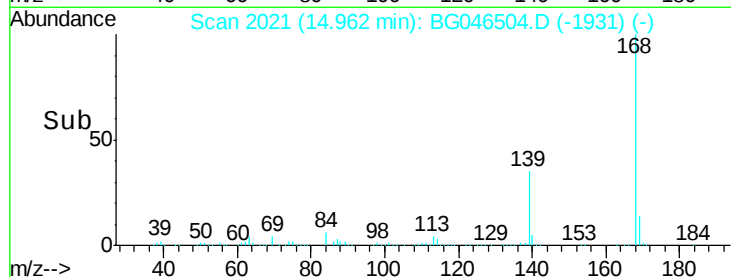
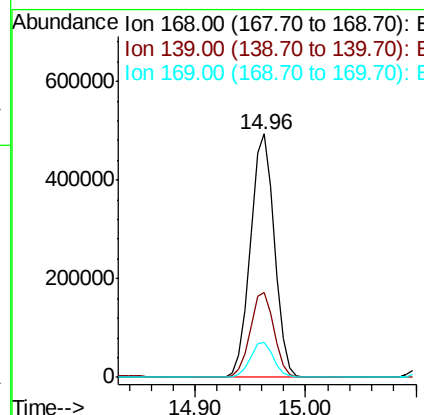
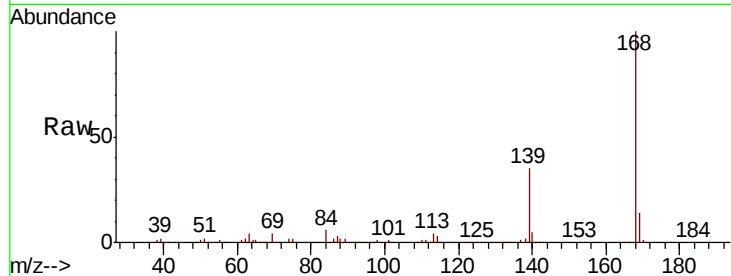
#55
Dibenzofuran
Concen: 39.017 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.0	28.1	42.1
169	14.3	11.5	17.3

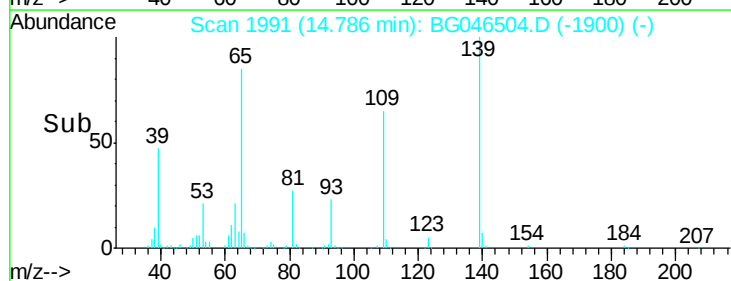
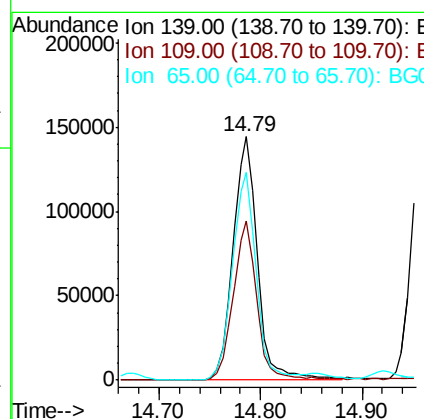
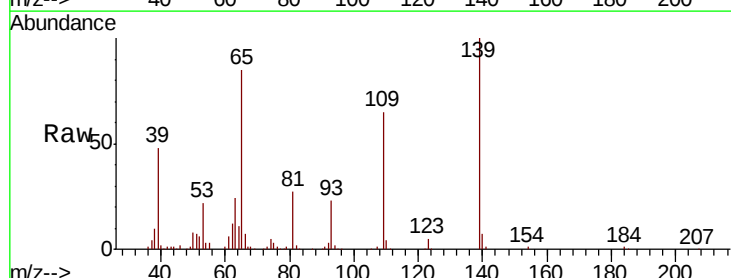
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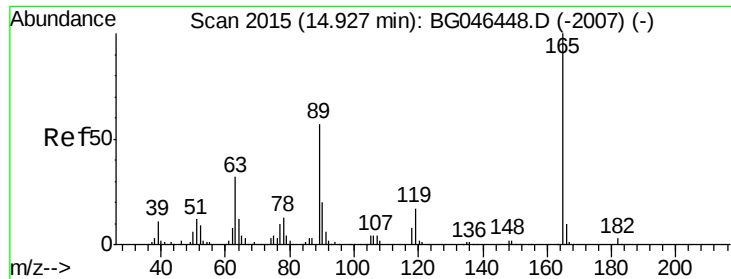
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#56
4-Nitrophenol
Concen: 81.409 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.4	44.3	84.3
65	85.1	61.5	101.5





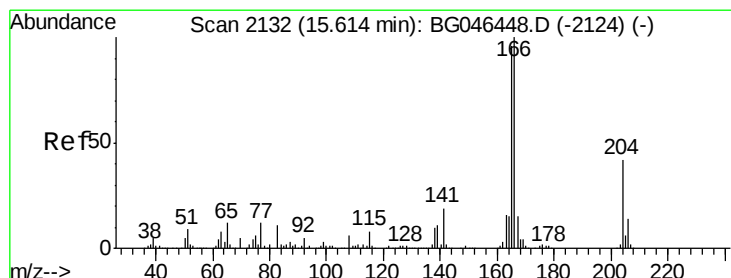
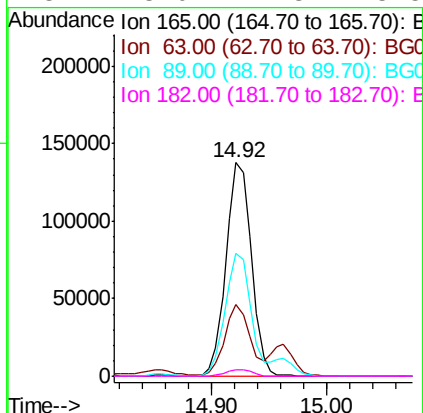
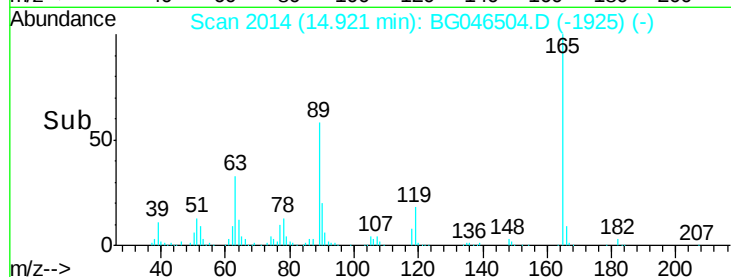
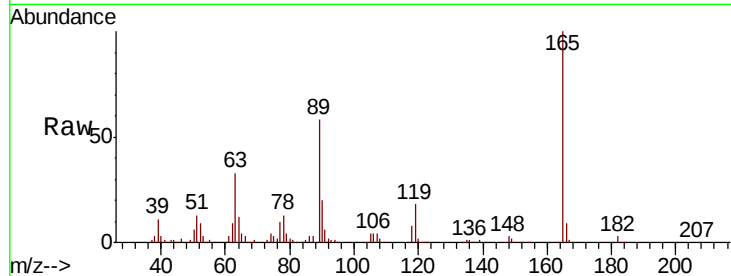
#57
2,4-Dinitrotoluene
Concen: 39.816 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	209712		
63	33.3	25.4	38.0	
89	57.8	45.9	68.9	
182	3.0	2.3	3.5	

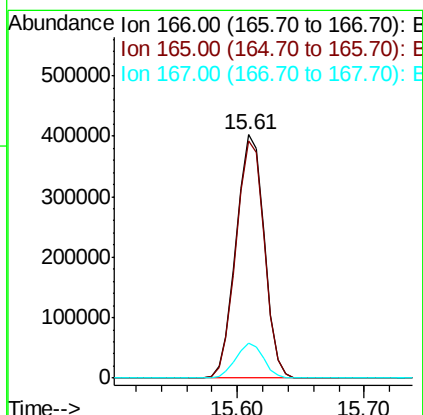
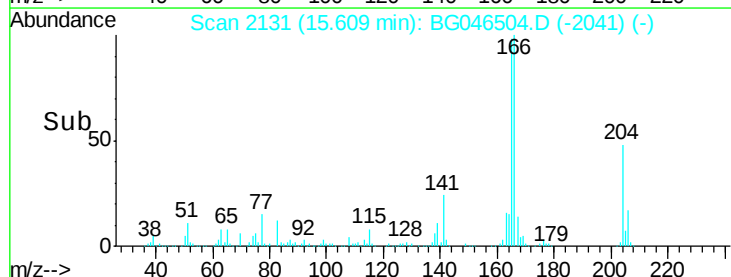
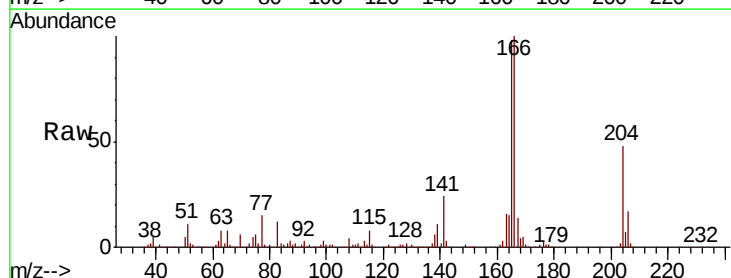
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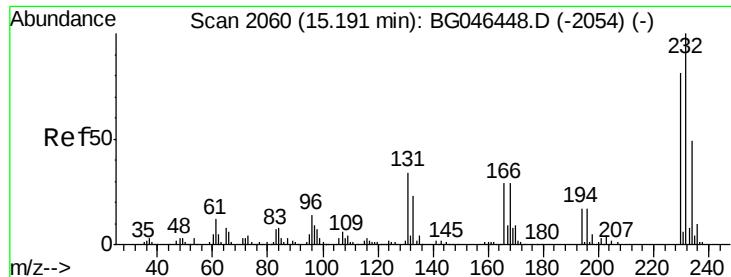
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#58
Fluorene
Concen: 38.161 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	617351		
165	97.6	77.0	115.4	
167	14.3	11.8	17.6	





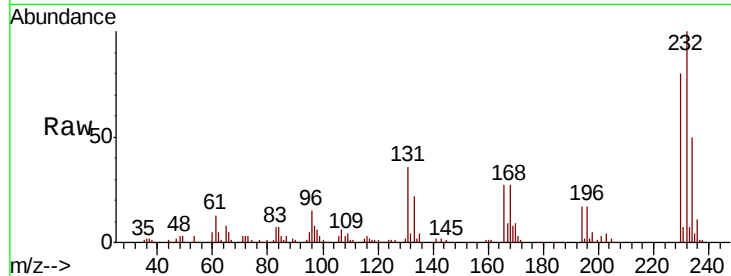
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.368 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

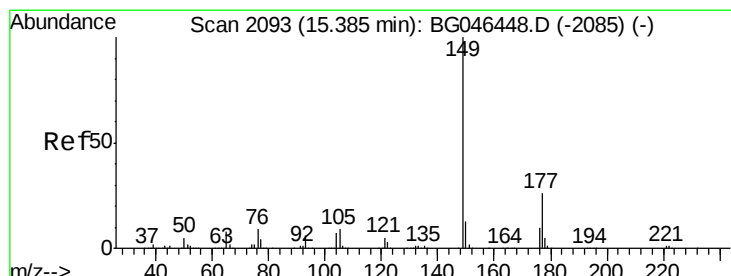
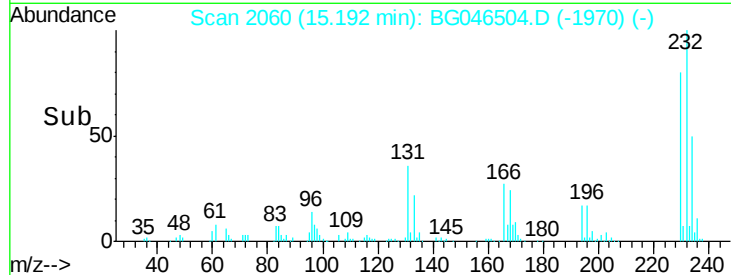
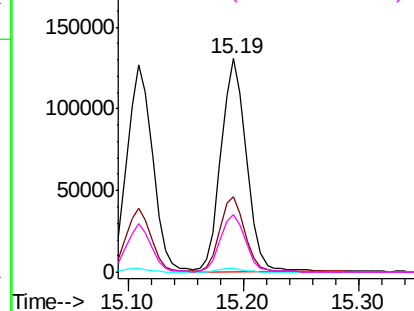
Tot Ion	Ratio	Resp	Lower	Upper
232	100	198521		
131	34.7	26.8	40.2	
130	1.8	1.4	2.2	
166	27.2	22.8	34.2	

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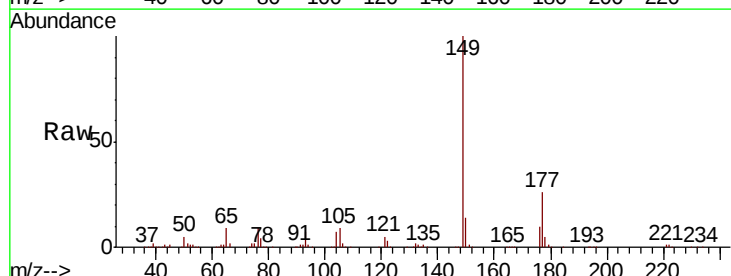


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

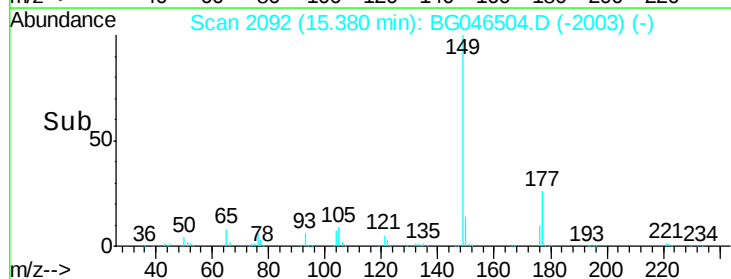
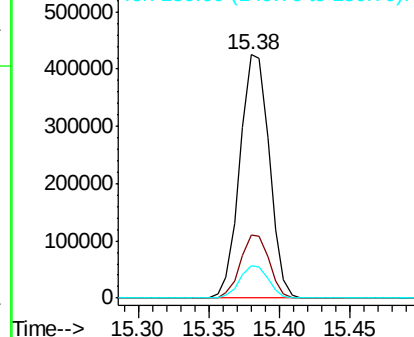


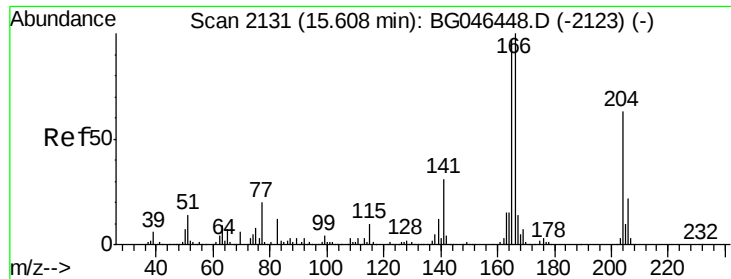
#60
 Diethylphthalate
 Concen: 37.890 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	619042		
177	26.0	20.6	30.8	
150	13.6	10.3	15.5	



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





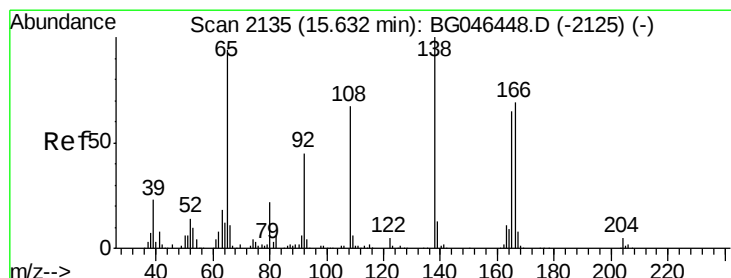
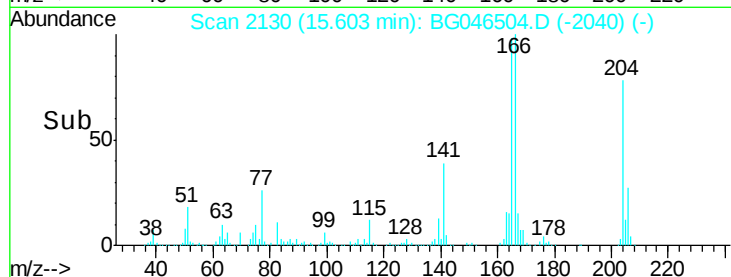
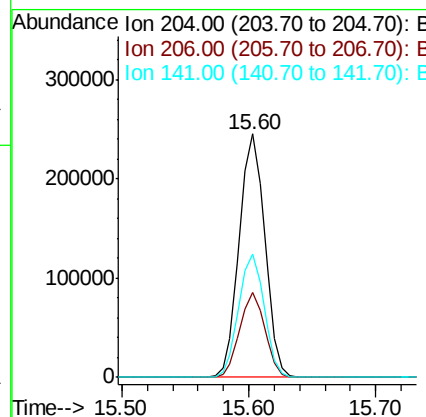
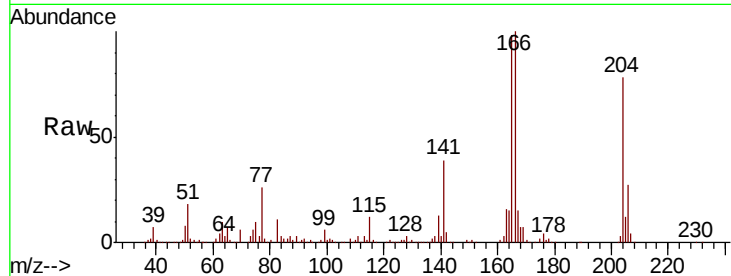
#61
4-Chlorophenyl-phenylether
Concen: 38.411 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.7	41.5
141	50.6	38.7	58.1

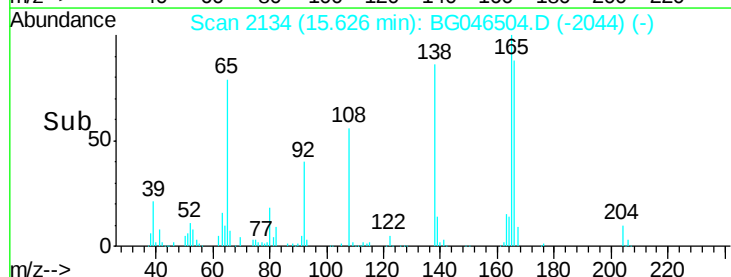
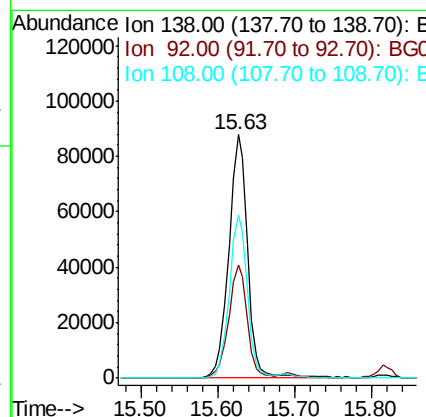
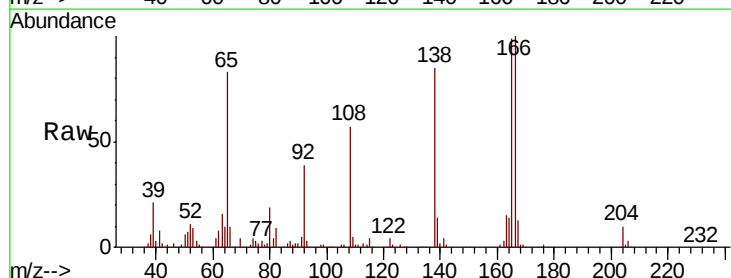
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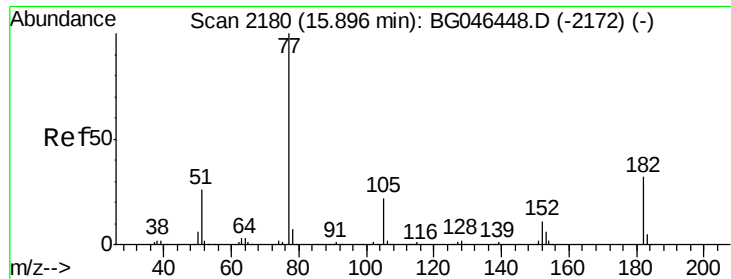
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#62
4-Nitroaniline
Concen: 35.513 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.3	25.3	65.3
108	67.2	46.7	86.7





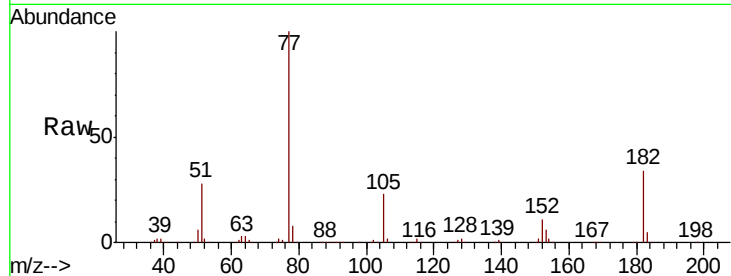
#63
Azobenzene
Concen: 39.333 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

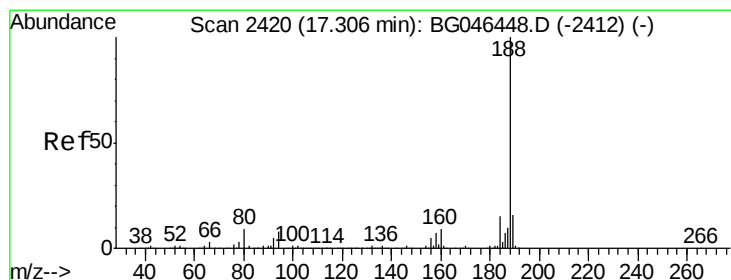
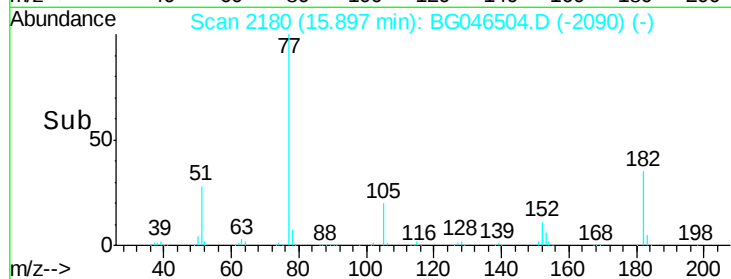
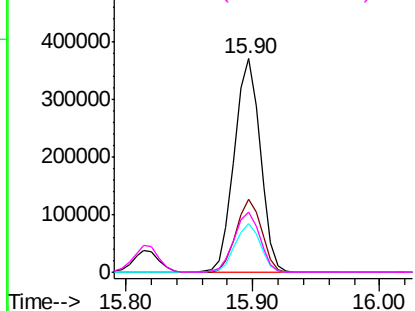
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		522741		
182	34.0	12.3	52.3		
105	22.9	2.3	42.3		
51	28.4	6.5	46.5		

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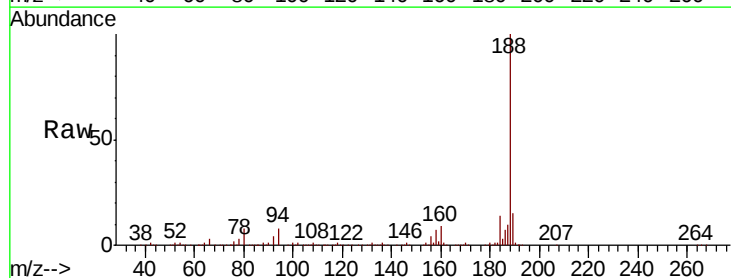


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

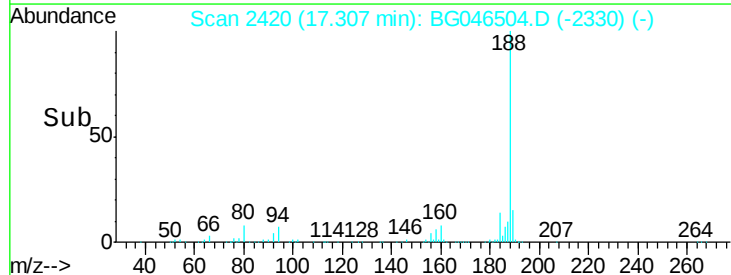
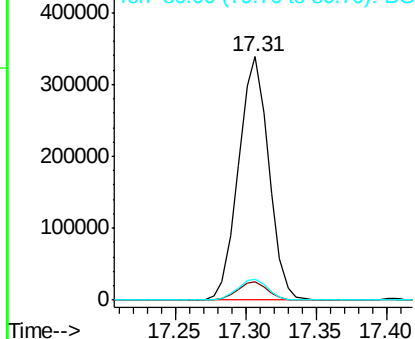


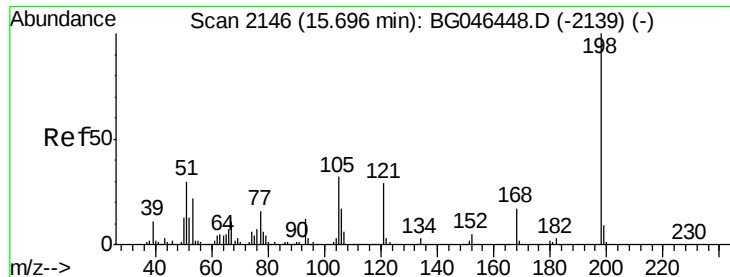
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		506738		
94	7.6	6.3	9.5		
80	8.4	6.9	10.3		



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





#65

4,6-Dinitro-2-methylphenol

Concen: 47.141 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

Tot Ion:198 Resp: 135209

Ion Ratio Lower Upper

198 100

51 33.0 10.4 50.4

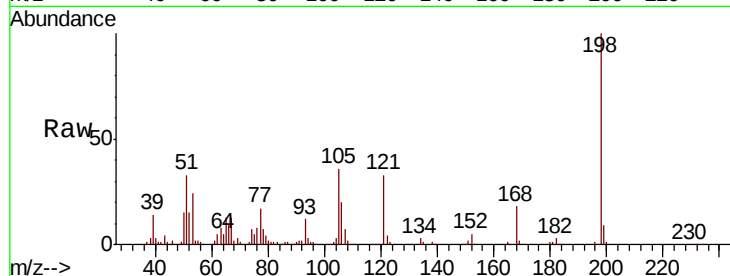
105 36.1 12.4 52.4

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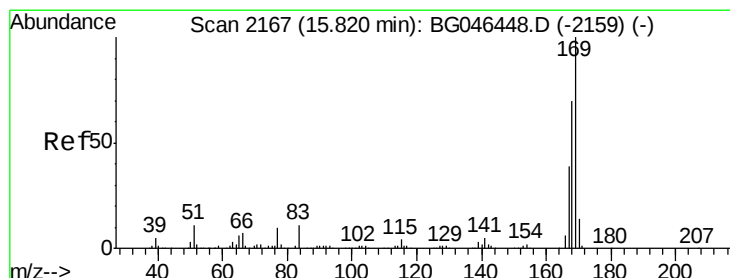
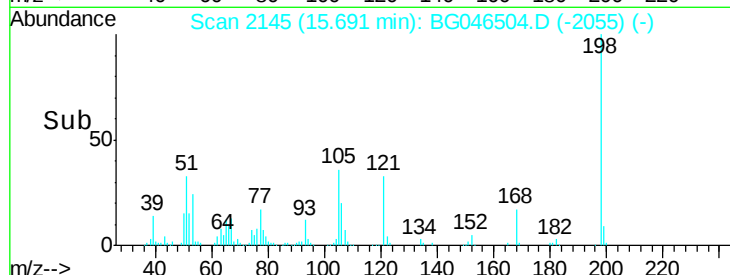
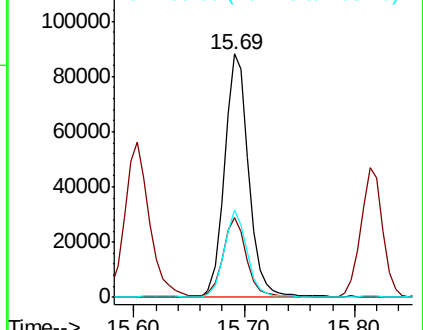
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.283 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.01 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

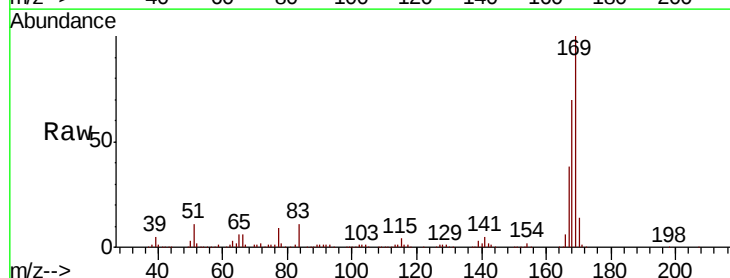
Tgt Ion:169 Resp: 564370

Ion Ratio Lower Upper

169 100

168 70.0 55.8 83.8

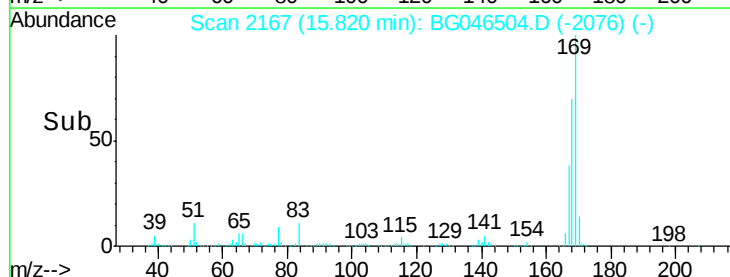
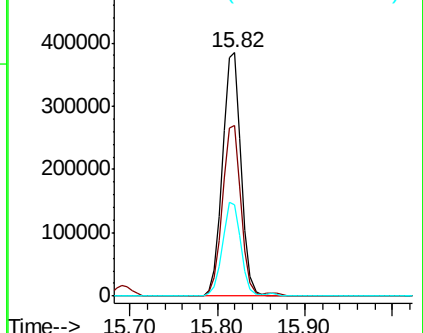
167 37.7 31.0 46.6

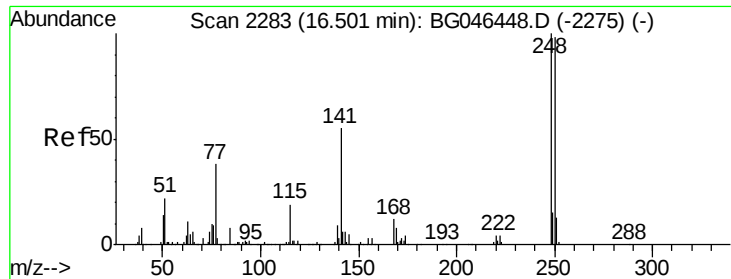


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.192 ng

RT: 16.50 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

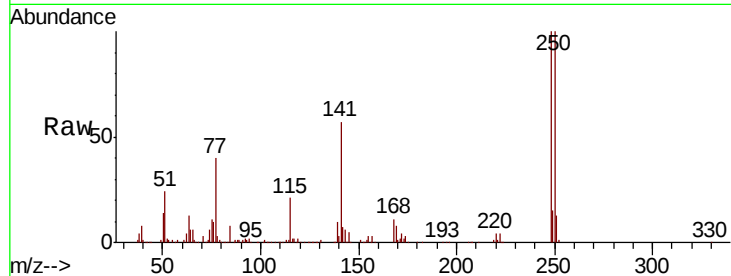
ClientSampleId :

PB131362BSD

Tot Ion:	248	Resp:	237614
Ion Ratio	Lower	Upper	
248	100		
250	99.5	78.6	118.0
141	57.5	43.9	65.9

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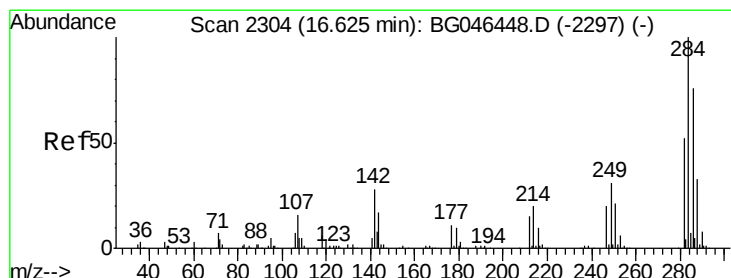
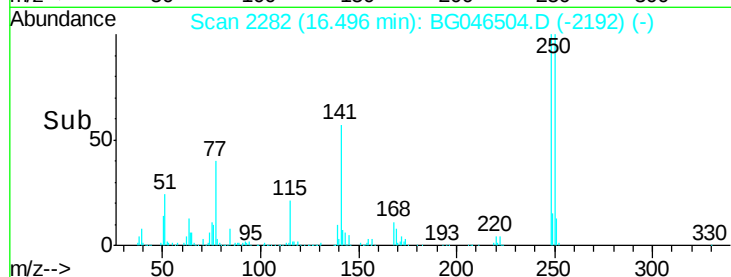
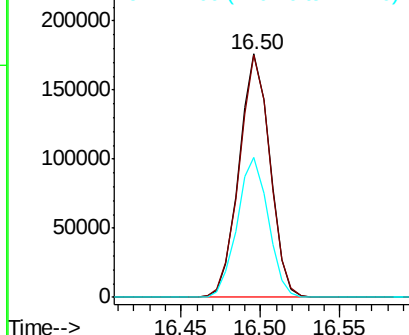


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 38.272 ng

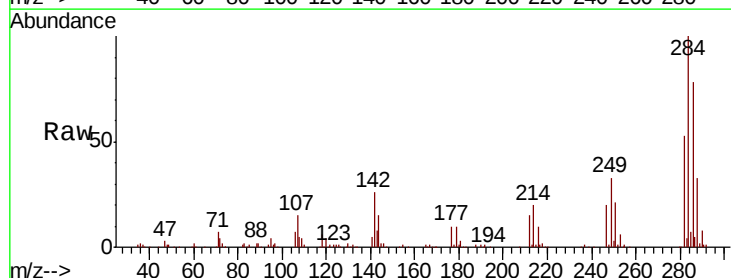
RT: 16.63 min Scan# 2304

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Tgt Ion:	284	Resp:	250586
Ion Ratio	Lower	Upper	
284	100		
142	26.5	22.3	33.5
249	32.7	24.8	37.2

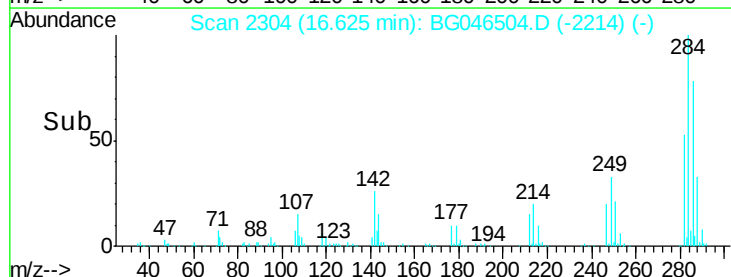
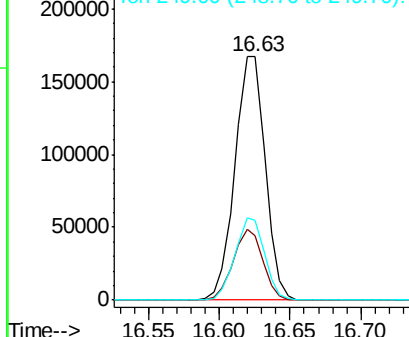


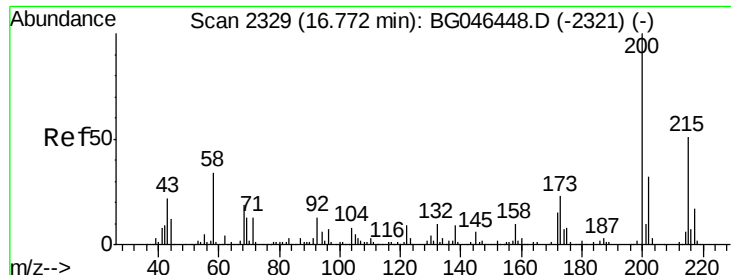
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





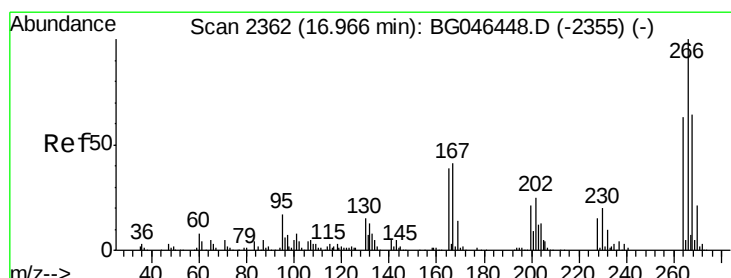
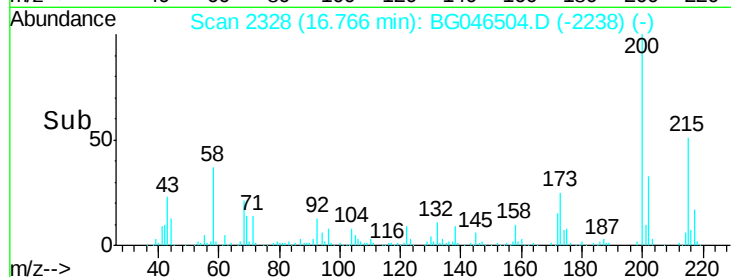
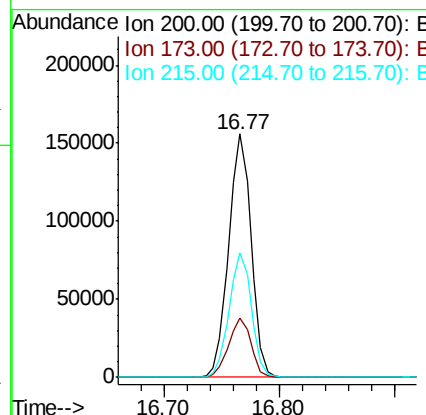
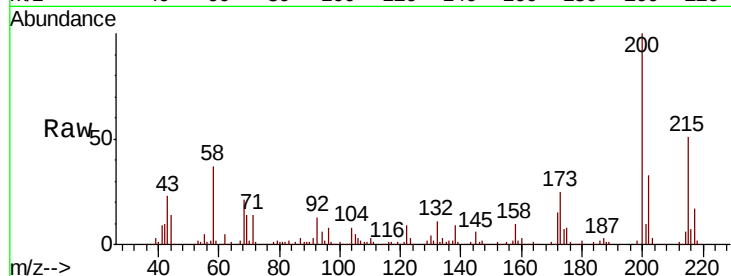
#69
 Atrazine
 Concen: 37.802 ng
 RT: 16.77 min Scan# 2328
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	210820		
173	24.5	3.3	43.3	
215	51.4	30.9	70.9	

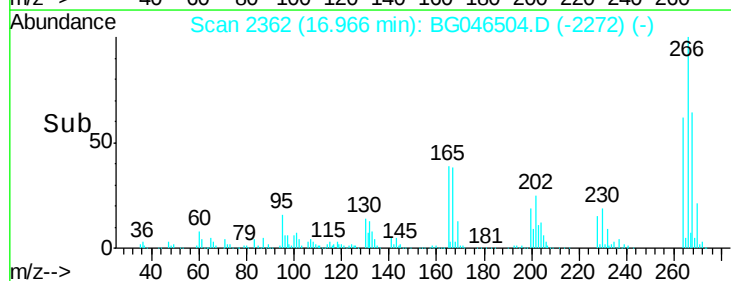
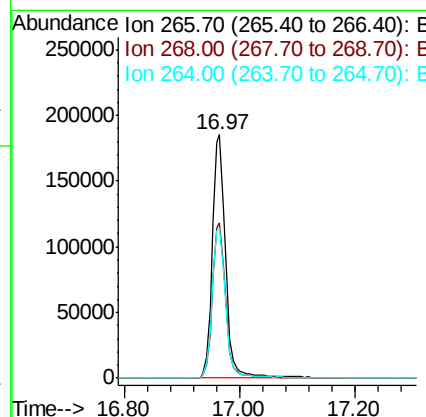
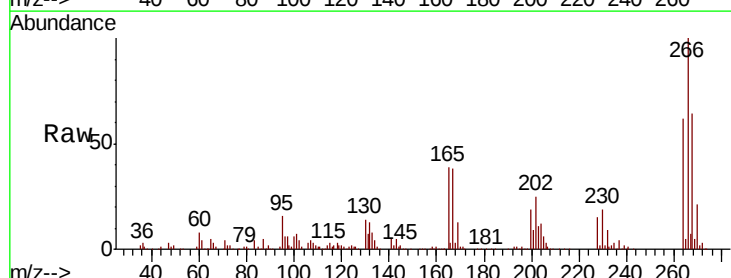
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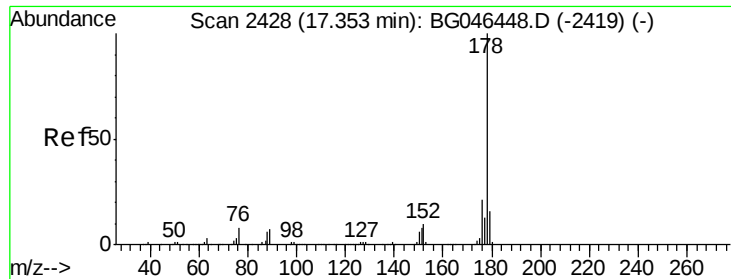
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#70
 Pentachlorophenol
 Concen: 88.302 ng
 RT: 16.97 min Scan# 2362
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	302073		
268	64.0	51.1	76.7	
264	61.7	50.2	75.2	





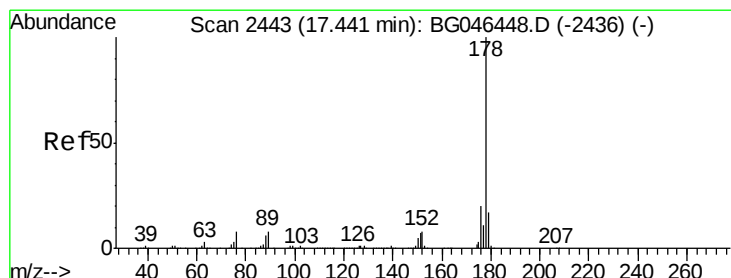
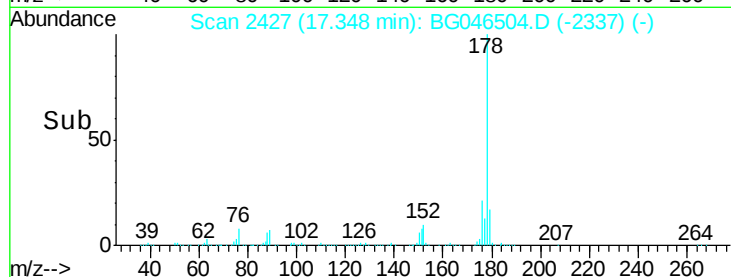
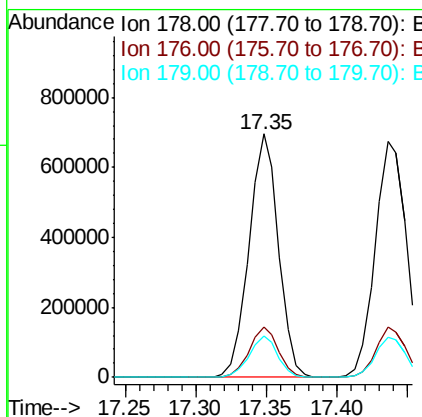
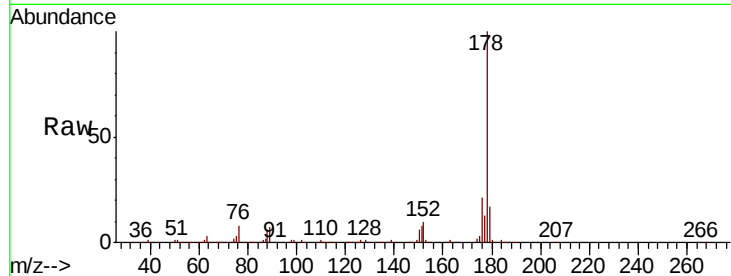
#71
Phenanthrene
Concen: 39.575 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion:178 Resp: 1016482
Ion Ratio Lower Upper
178 100
176 20.7 16.8 25.2
179 16.8 13.2 19.8

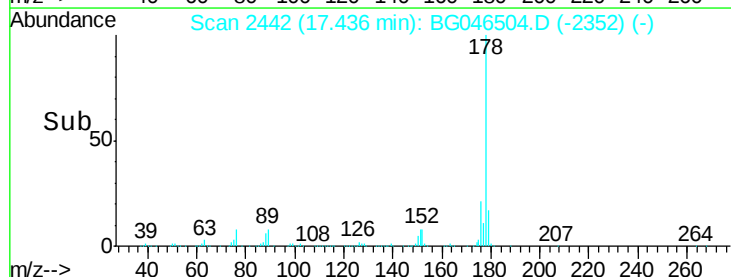
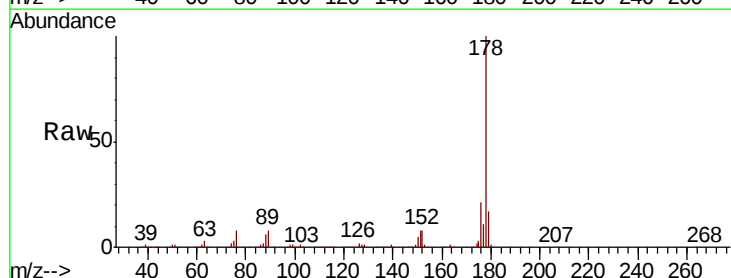
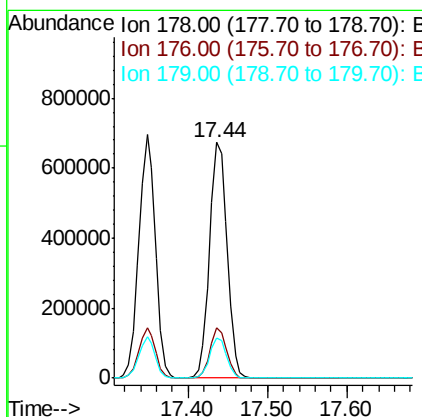
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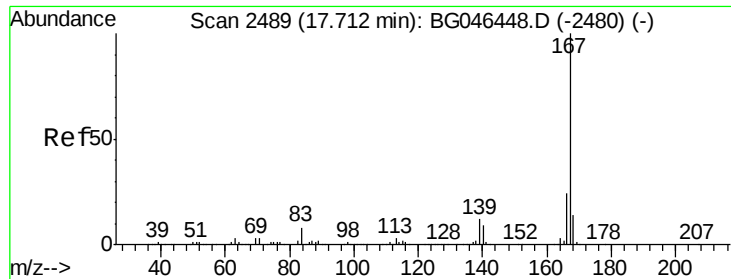
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#72
Anthracene
Concen: 41.025 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion:178 Resp: 1039638
Ion Ratio Lower Upper
178 100
176 21.1 16.1 24.1
179 17.2 13.3 19.9





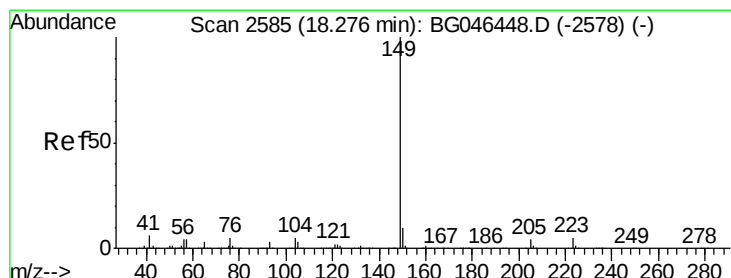
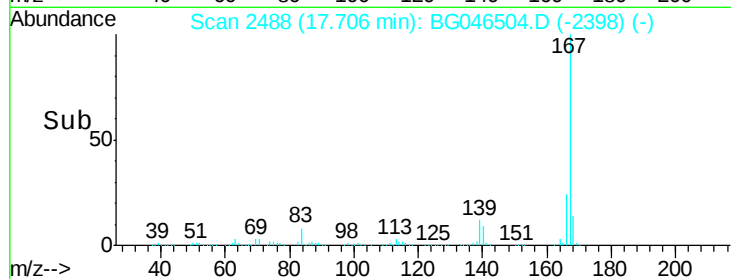
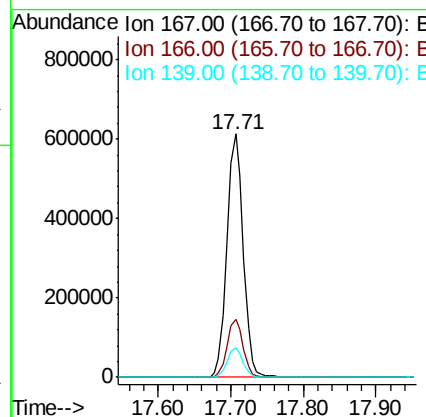
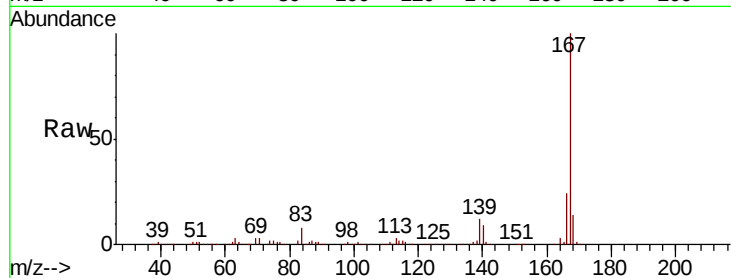
#73
 Carbazole
 Concen: 40.153 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.3	28.9
139	12.4	9.7	14.5

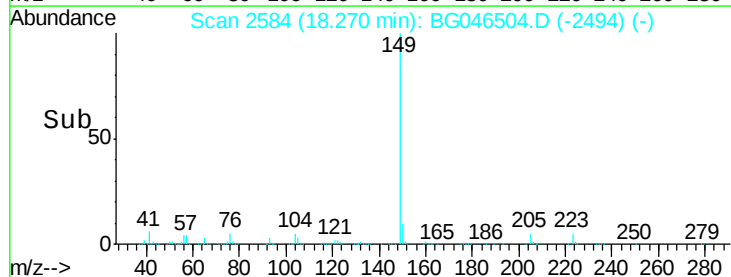
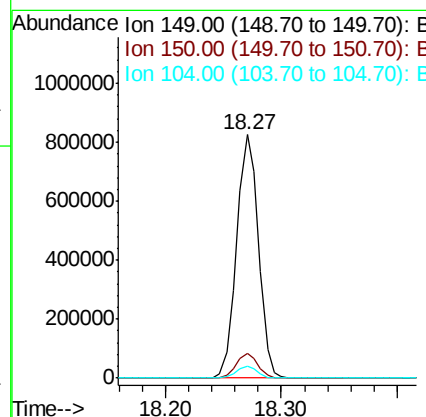
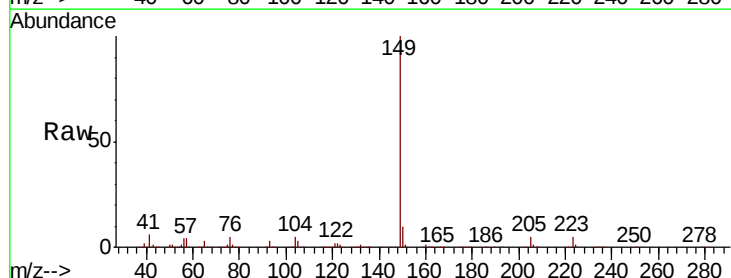
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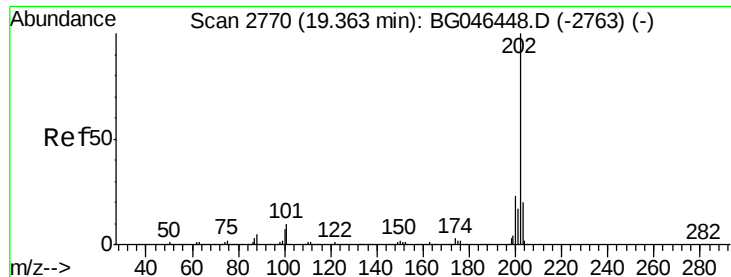
mohammad
 9/3/2020 1:47:42 PM



#74
 Di-n-butylphthalate
 Concen: 39.146 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

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





#75

Fluoranthene

Concen: 39.176 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

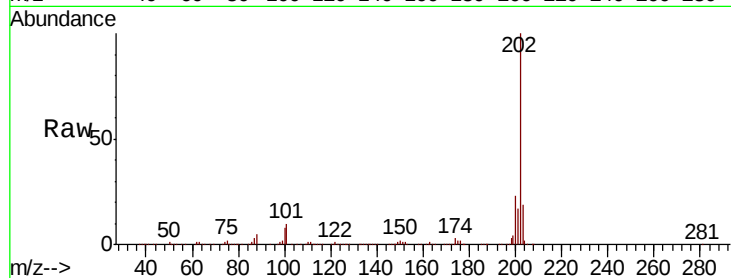
ClientSampleId :

PB131362BSD

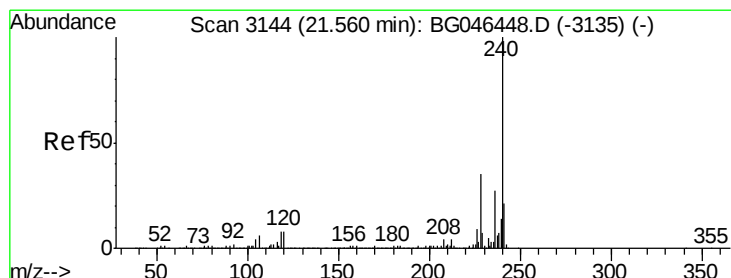
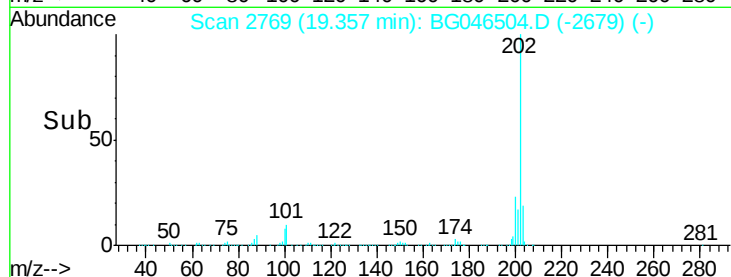
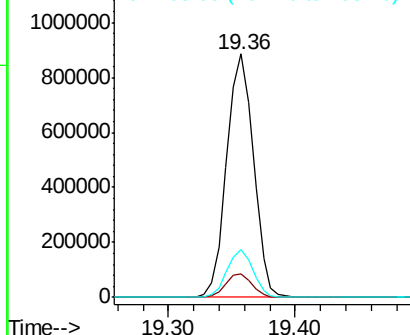
Tot Ion:	202	Resp:	1294912
Ion Ratio		Lower	Upper
202	100		
101	9.9	0.0	29.9
203	19.4	0.0	40.0

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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

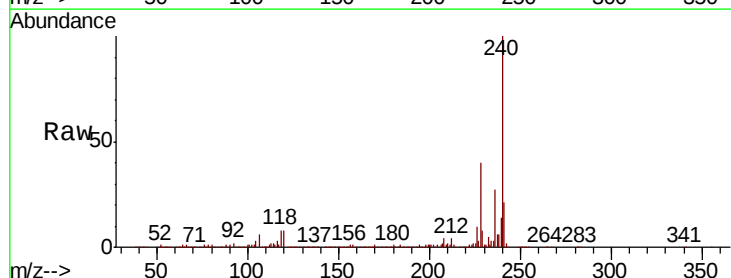
RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

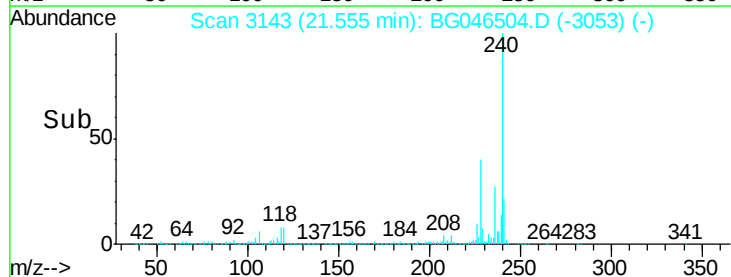
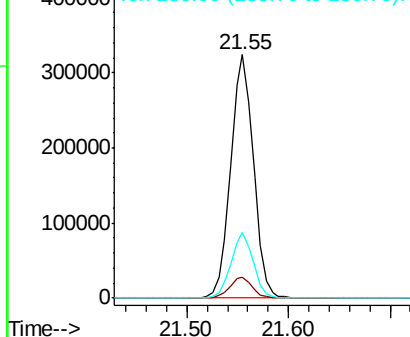
Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Tgt Ion:	240	Resp:	504443
Ion Ratio		Lower	Upper
240	100		
120	8.5	6.6	10.0
236	27.0	21.4	32.2



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





#77

Benzidine

Concen: 60.007 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

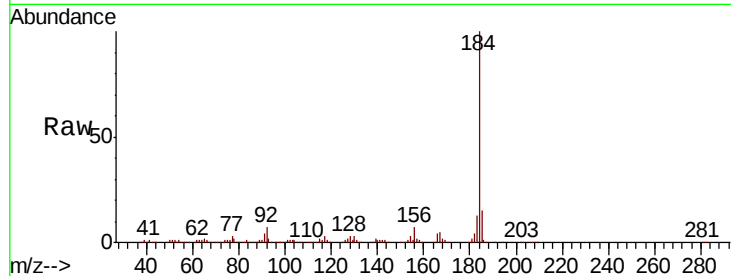
ClientSampleId :

PB131362BSD

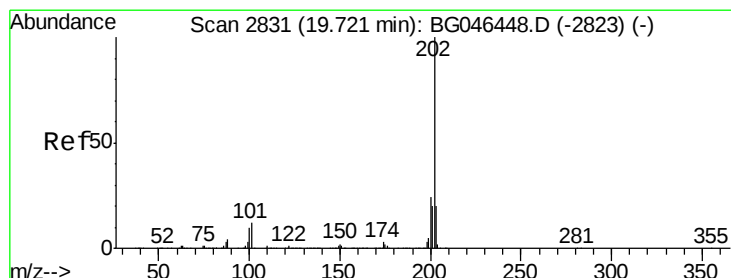
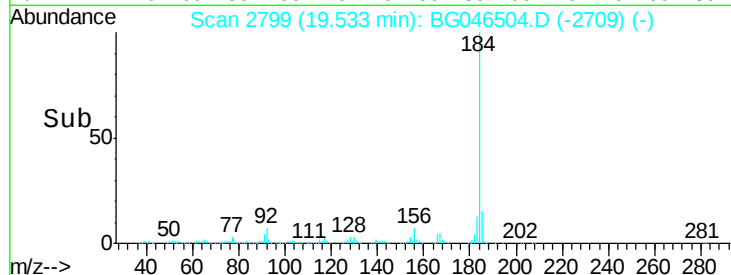
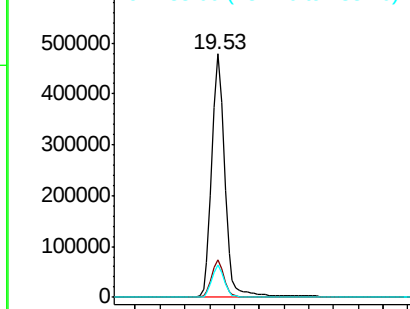
Tot Ion:	184	Resp:	703386
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.8	17.8
183	13.5	10.7	16.1

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



#78

Pyrene

Concen: 39.983 ng

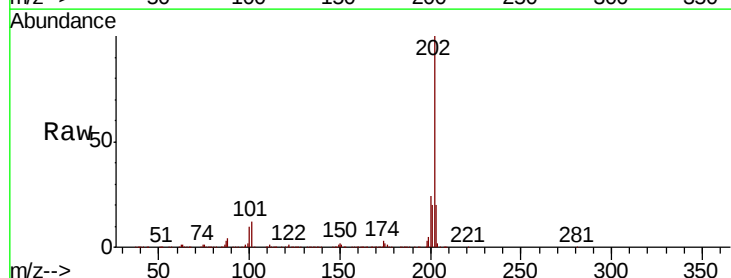
RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

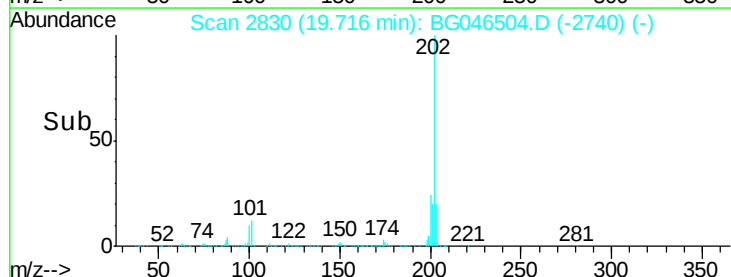
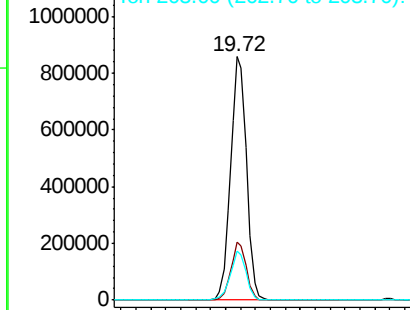
Lab File: BG046504.D

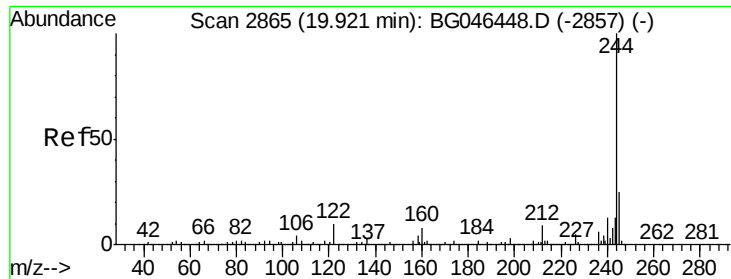
Acq: 2 Sep 2020 15:20

Tgt Ion:	202	Resp:	1284358
Ion Ratio	Lower	Upper	
202	100		
200	23.7	18.9	28.3
203	20.0	16.1	24.1



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





#79

Terphenyl-d14

Concen: 66.985 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

Tot Ion:244 Resp: 1587759

Ion Ratio Lower Upper

244 100

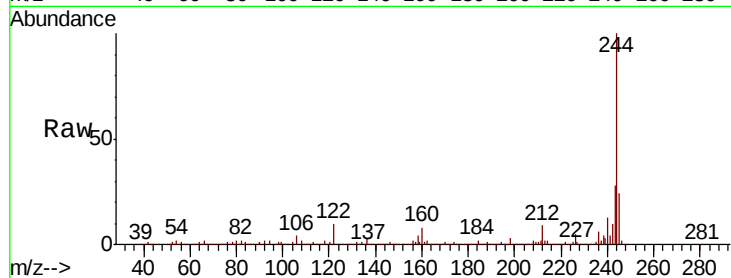
212 8.6 6.9 10.3

122 9.5 8.2 12.4

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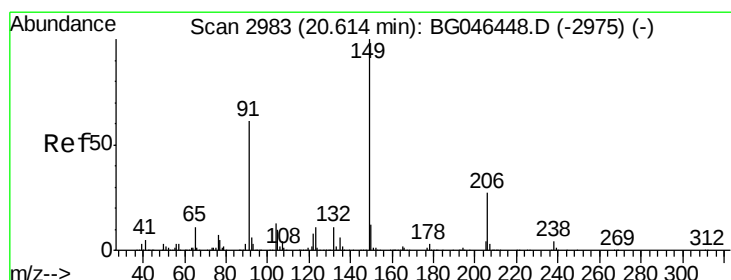
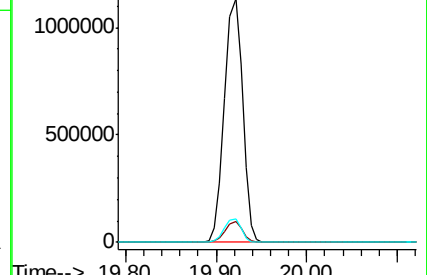
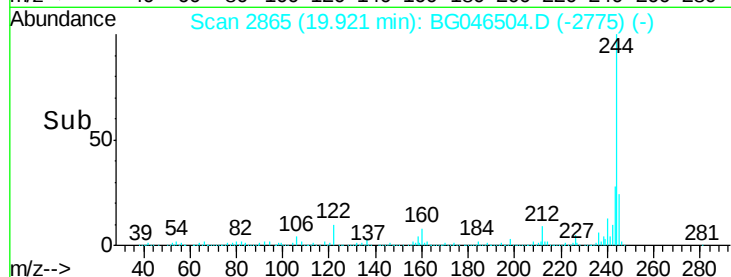
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.801 ng

RT: 20.61 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

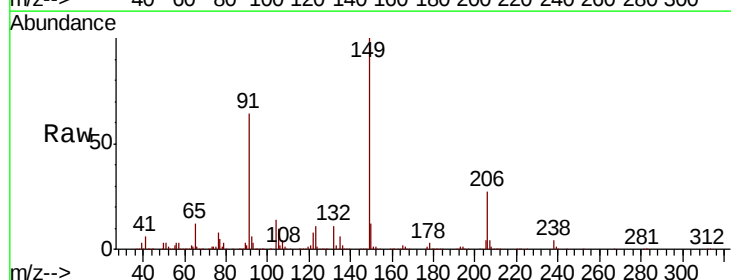
Tgt Ion:149 Resp: 498695

Ion Ratio Lower Upper

149 100

91 64.2 49.1 73.7

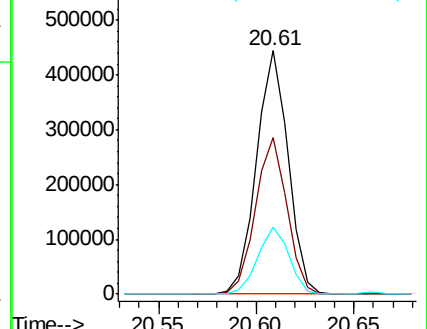
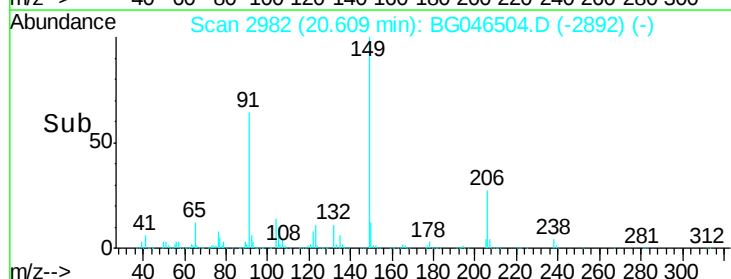
206 27.3 21.9 32.9

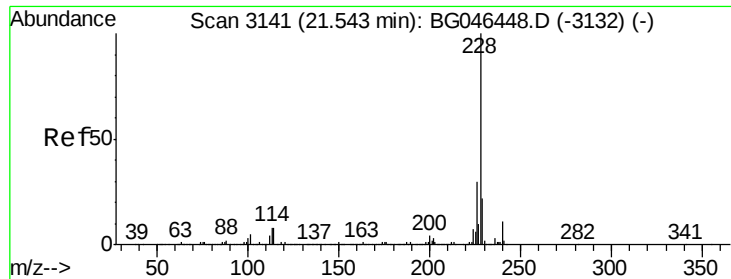


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





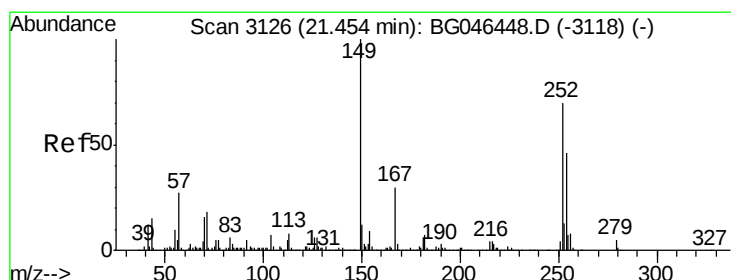
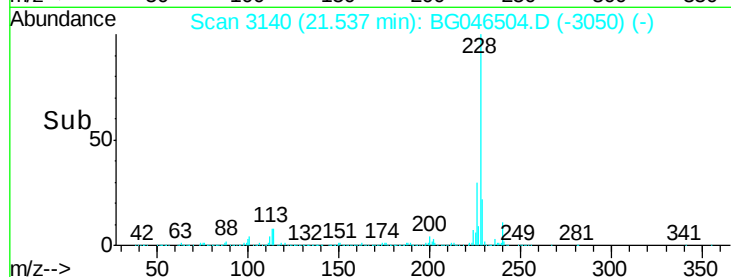
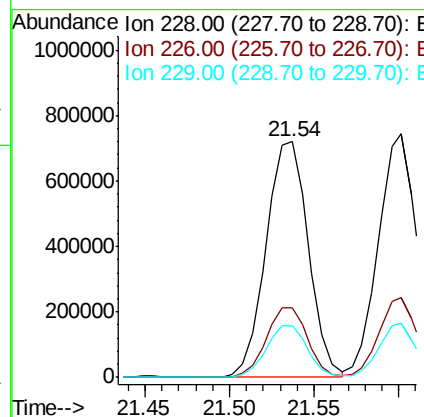
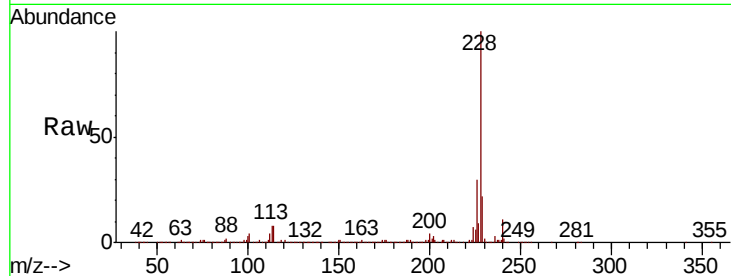
#81
Benzo(a)anthracene
Concen: 39.842 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampled :
PB131362BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.4
229	21.8	17.4	26.2

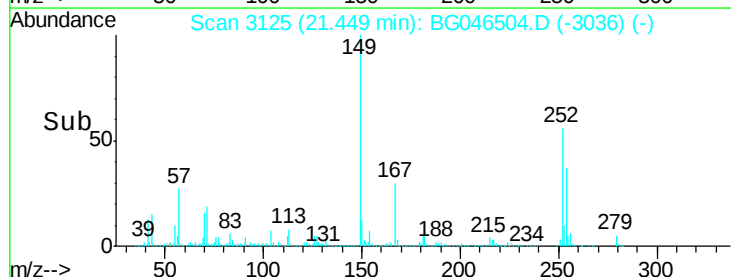
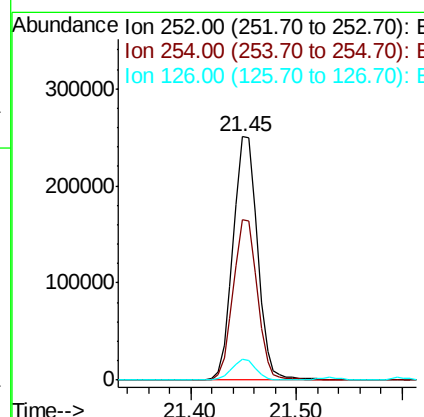
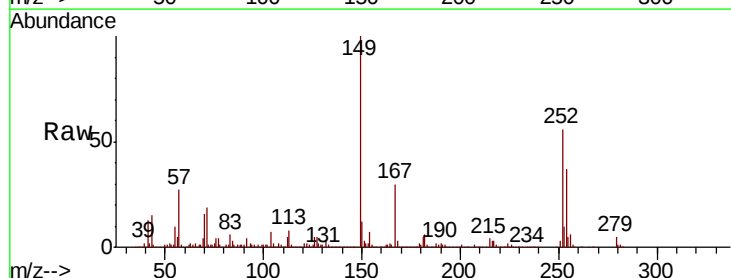
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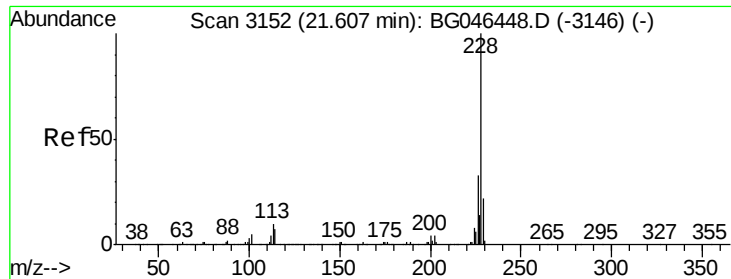
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 34.353 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.9	77.9
126	8.8	7.4	11.0





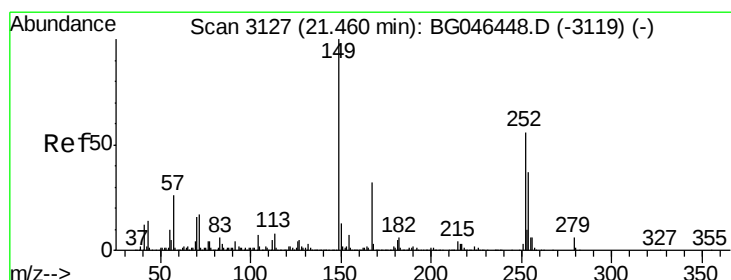
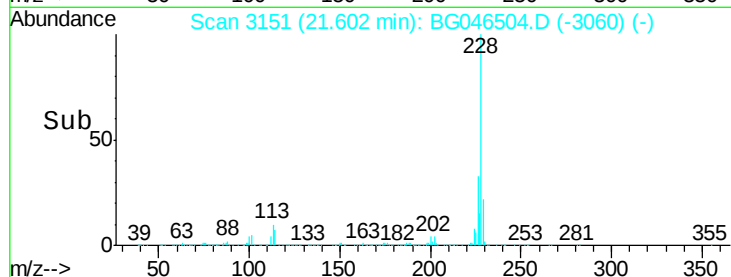
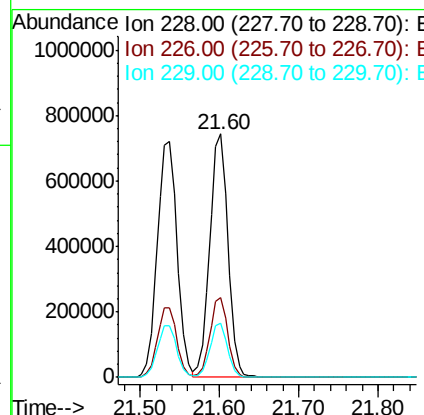
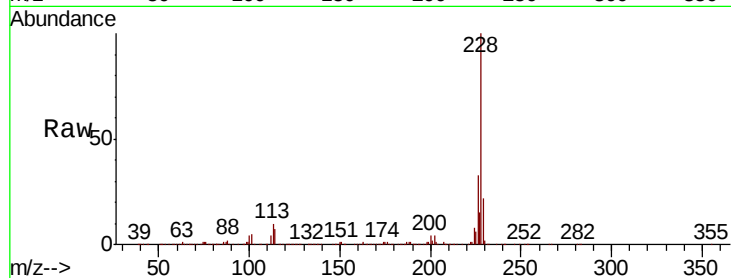
#83
Chrysene
Concen: 39.468 ng
RT: 21.60 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	26.2	39.4
229	22.1	17.9	26.9

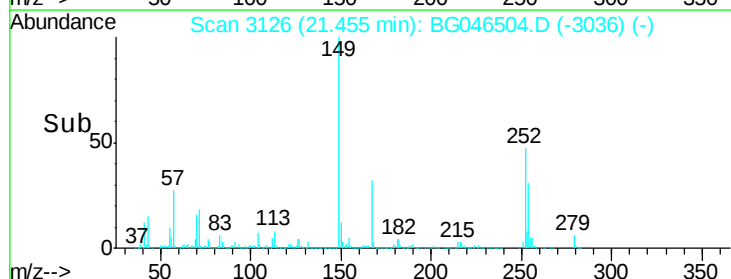
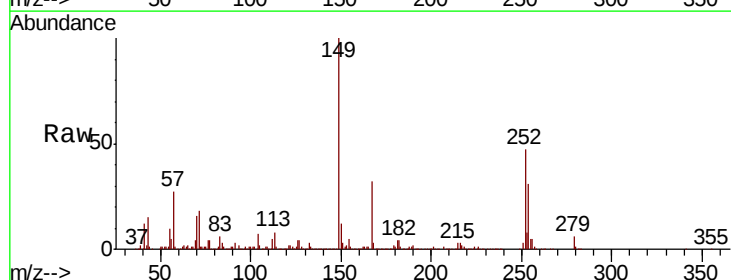
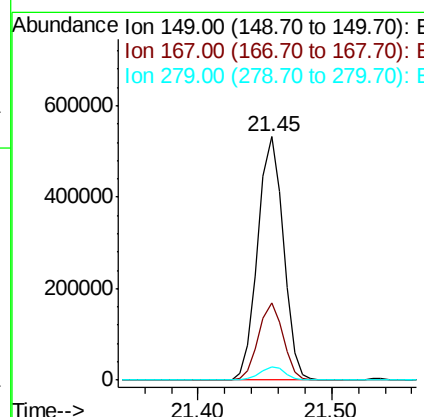
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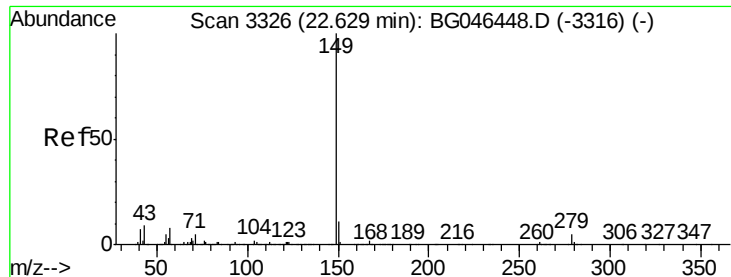
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.105 ng
RT: 21.45 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.9	25.4	38.2
279	5.6	4.5	6.7





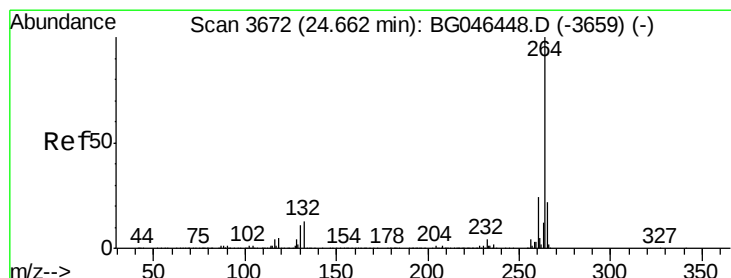
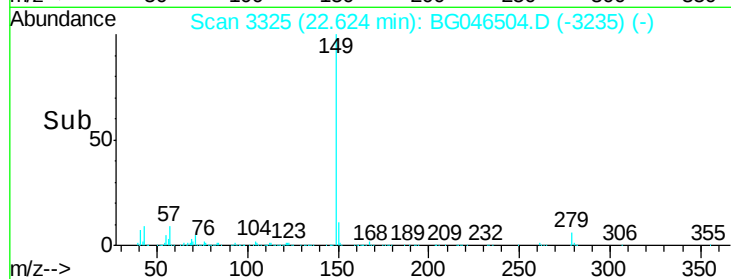
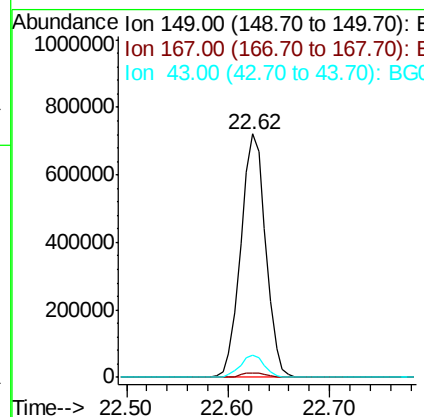
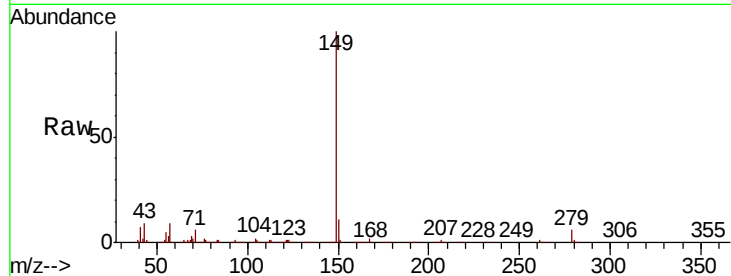
#85
Di-n-octyl phthalate
Concen: 41.711 ng
RT: 22.62 min Scan# 3325
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	8.8	7.0	10.4

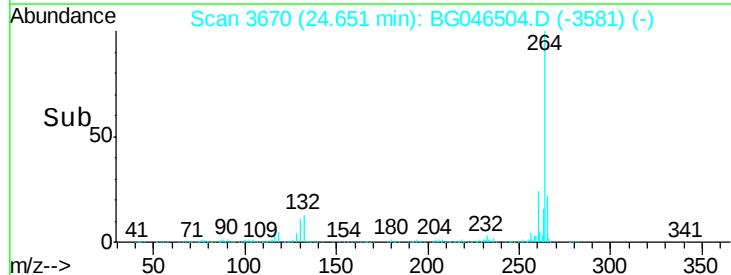
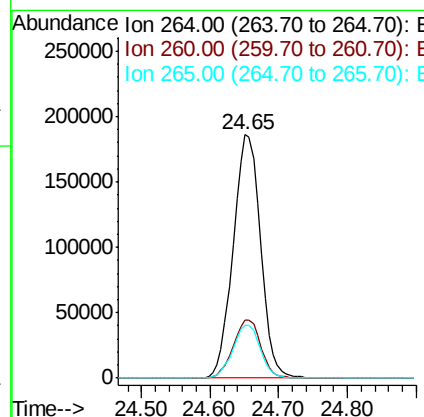
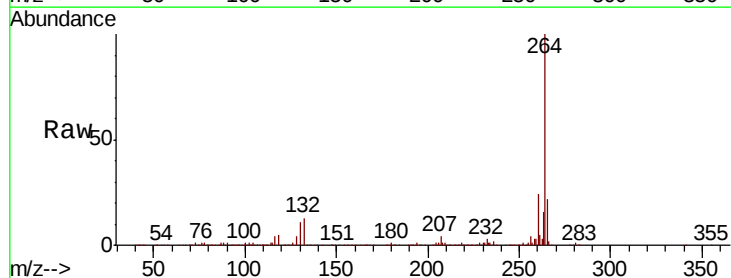
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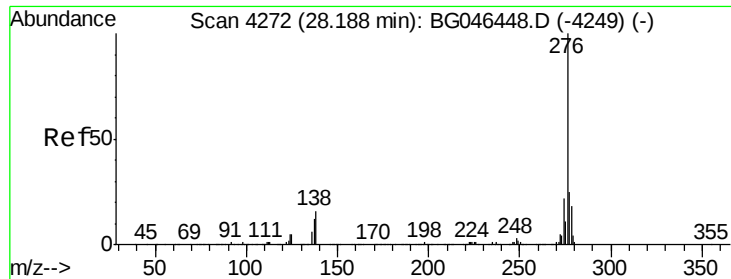
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.9	26.9





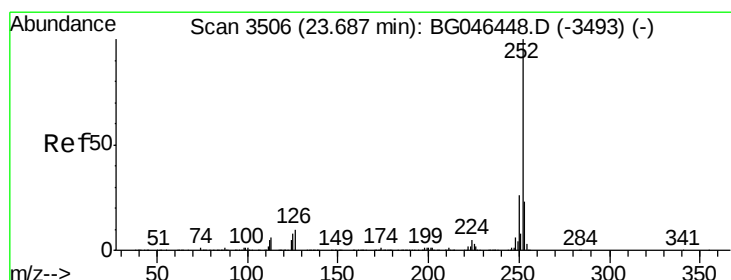
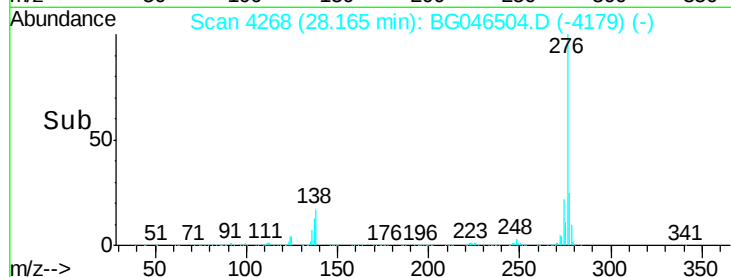
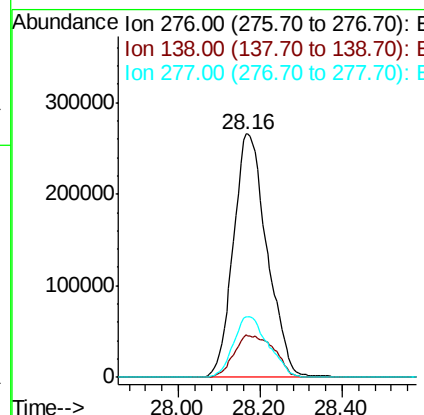
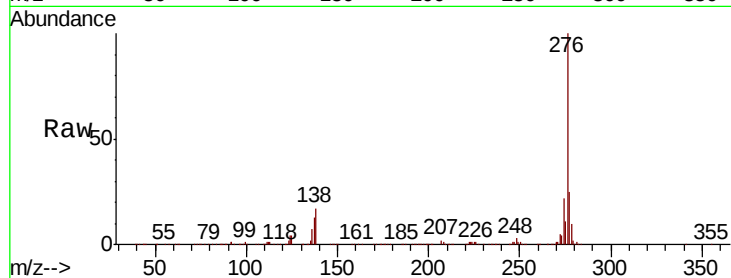
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.957 ng
 RT: 28.16 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.5	24.7
277	25.8	20.7	31.1

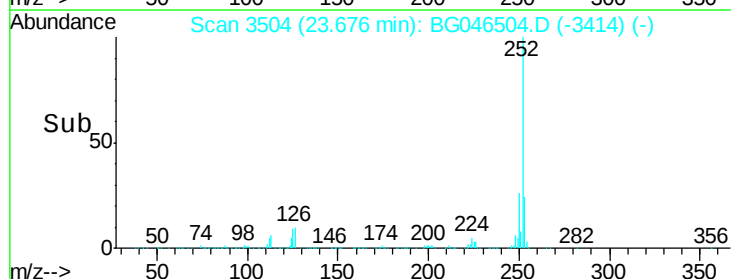
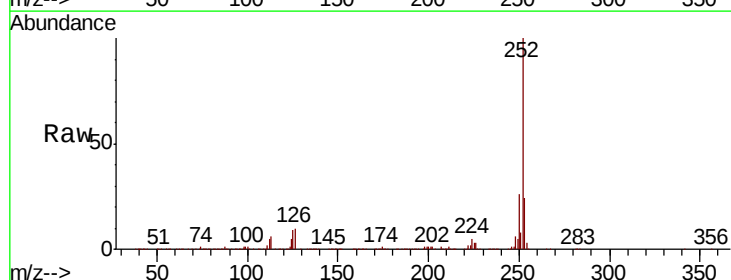
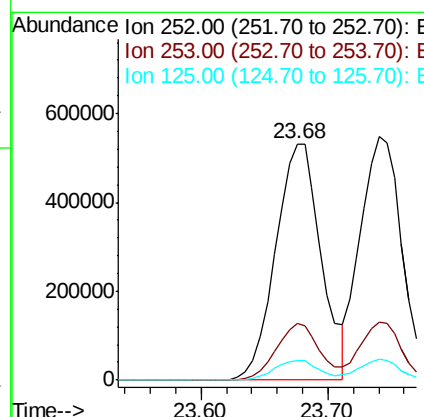
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#88
 Benzo(b)fluoranthene
 Concen: 41.085 ng
 RT: 23.68 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.4
125	8.6	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 39.939 ng

RT: 23.74 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

Tot Ion:252 Resp: 1243474

Ion Ratio Lower Upper

252 100

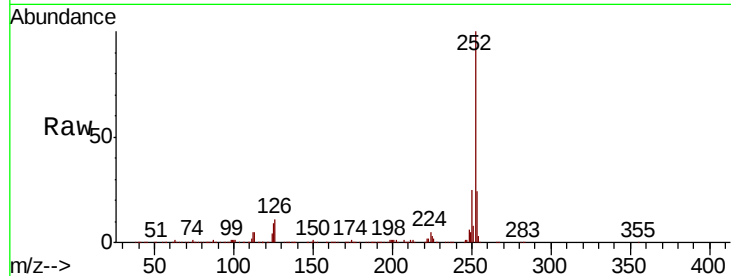
253 23.7 18.5 27.7

125 8.6 6.8 10.2

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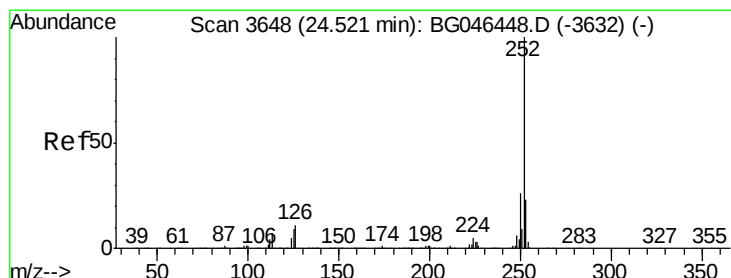
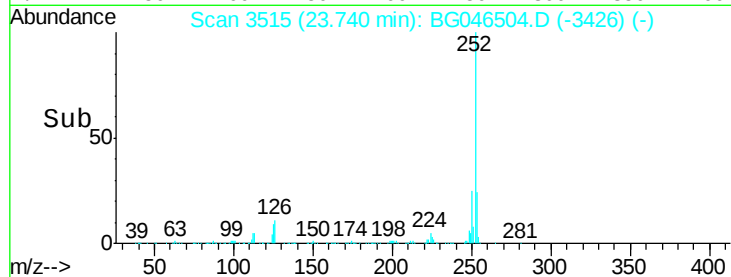
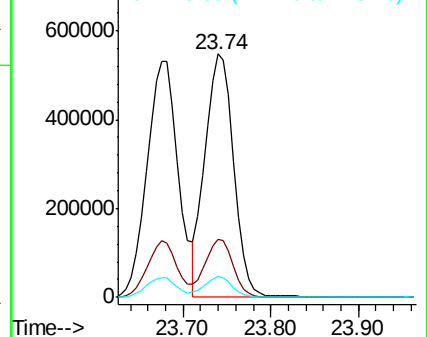
9/3/2020 1:47:42 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.881 ng

RT: 24.51 min Scan# 3646

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Tgt Ion:252 Resp: 1198951

Ion Ratio Lower Upper

252 100

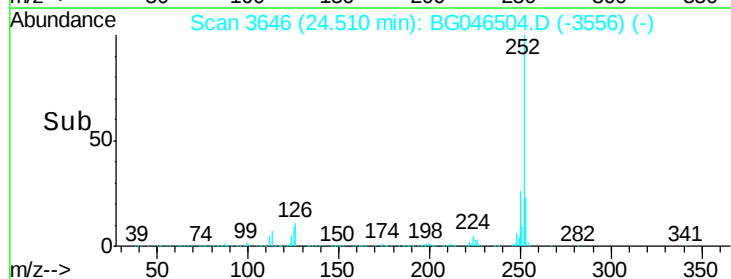
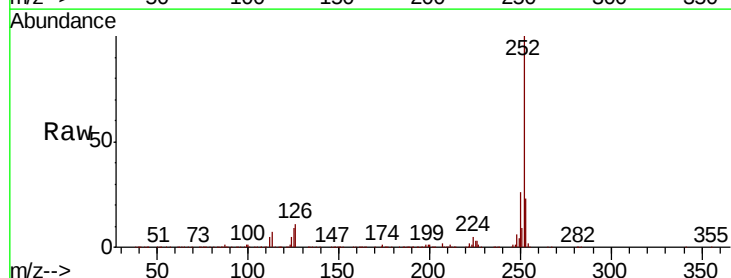
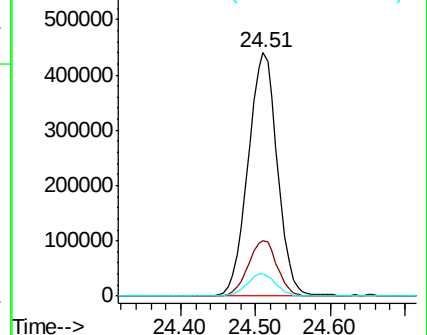
253 23.0 18.2 27.4

125 9.0 7.4 11.0

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





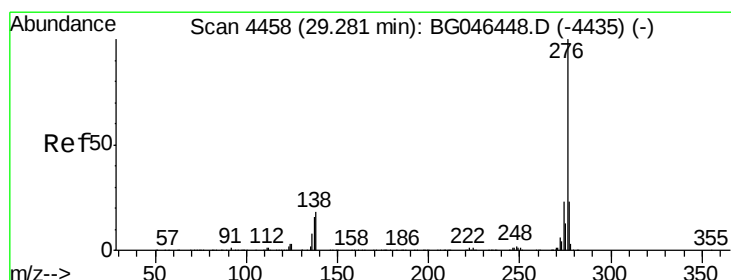
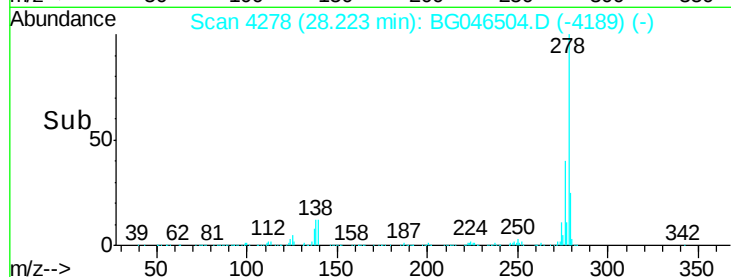
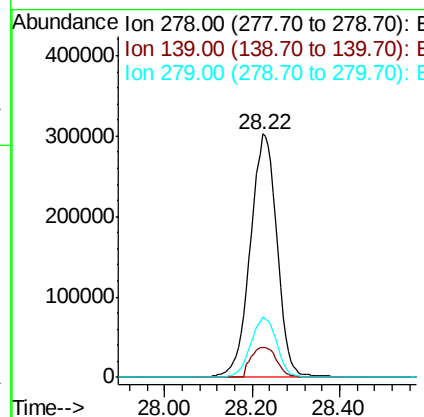
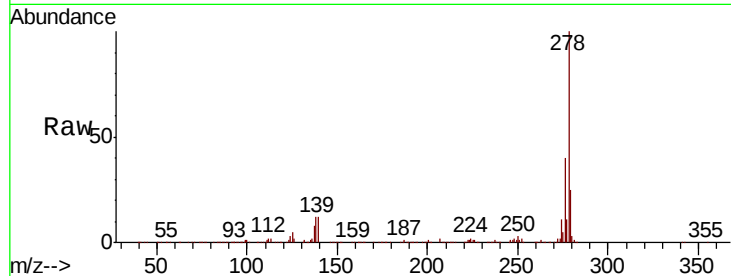
#91
Dibenzo(a,h)anthracene
Concen: 41.607 ng
RT: 28.22 min Scan# 4278
Delta R.T. -0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	11.2	16.8
279	24.6	19.8	29.8

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:42 PM



#92
Benzo(g,h,i)perylene
Concen: 42.662 ng
RT: 29.27 min Scan# 4457
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.7	28.1
138	16.7	14.7	22.1

