

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045596.D
 Acq On : 4 Jun 2020 3:44
 Operator : CG/JU
 Sample : PB129278BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129278BS

Manual Integrations
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mohammad
 6/4/2020 12:11:41 PM

Quant Time: Jun 04 05:56:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	57883	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	225736	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	158251	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	398526	20.00	ng	0.00
76) Chrysene-d12	21.61	240	386943	20.00	ng	0.00
87) Perylene-d12	24.75	264	422352	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	453653	153.17	ng	0.00
7) Phenol-d6	7.15	99	628840	149.17	ng	0.00
23) Nitrobenzene-d5	9.11	82	404553	97.73	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	309683	153.02	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	918659	98.47	ng	0.00
79) Terphenyl-d14	19.96	244	1693768	102.09	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.40	88	57170	38.925 ng	94
3) Pyridine	3.80	79	133832	32.717 ng	95
4) n-Nitrosodimethylamine	3.72	42	63789	47.656 ng	90
6) Aniline	7.28	93	200053	36.353 ng	97
8) 2-Chlorophenol	7.53	128	165517	50.959 ng	99
9) Benzaldehyde	7.08	77	104961	38.216 ng	97
10) Phenol	7.18	94	220561	50.765 ng	98
11) bis(2-Chloroethyl)ether	7.37	93	157109	46.360 ng	99
12) 1,3-Dichlorobenzene	7.84	146	179019	45.865 ng	99
13) 1,4-Dichlorobenzene	7.99	146	184154	47.808 ng	98
14) 1,2-Dichlorobenzene	8.30	146	171653	46.333 ng	97
15) Benzyl Alcohol	8.20	79	170709	49.020 ng	95
16) 2,2'-oxybis(1-Chloropropan	8.49	45	142570	44.320 ng	99
17) 2-Methylphenol	8.42	107	149753	46.050 ng	98
18) Hexachloroethane	9.04	117	70863	48.034 ng	94
19) n-Nitroso-di-n-propylamine	8.76	70	136162	46.709 ng	98
20) 3+4-Methylphenols	8.75	107	203583	45.972 ng	92
22) Acetophenone	8.77	105	253533	47.388 ng	99
24) Nitrobenzene	9.16	77	210726	47.513 ng	98
25) Isophorone	9.68	82	378586	46.439 ng	98
26) 2-Nitrophenol	9.87	139	94852	49.994 ng	91
27) 2,4-Dimethylphenol	9.95	122	154051	54.746 ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	207715	48.584 ng	99
29) 2,4-Dichlorophenol	10.42	162	171512	51.615 ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	189578	48.282 ng	95
31) Naphthalene	10.81	128	508796	48.369 ng	99
32) Benzoic acid	10.12	122	95350	49.442 ng	93
33) 4-Chloroaniline	10.92	127	138379	31.471 ng	97
34) Hexachlorobutadiene	11.10	225	128511	46.301 ng	100
35) Caprolactam	11.69	113	60837m	49.879 ng	
36) 4-Chloro-3-methylphenol	12.07	107	195037	52.088 ng	95
37) 2-Methylnaphthalene	12.42	142	385715	49.196 ng	99
38) 1-Methylnaphthalene	12.64	142	369189m	49.849 ng	
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	224104	50.700 ng	99

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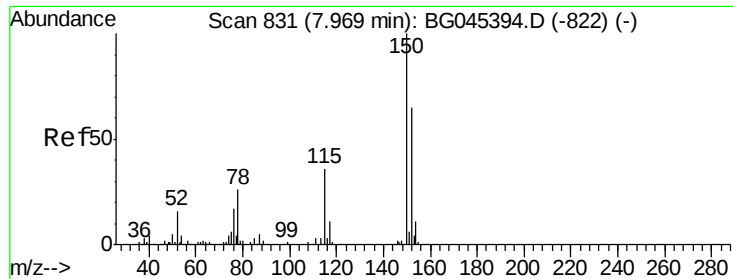
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	246818	96.744	nq	99
43) 2,4,6-Trichlorophenol	13.04	196	152419	49.639	nq	96
44) 2,4,5-Trichlorophenol	13.12	196	162587	46.337	nq	98
46) 1,1'-Biphenyl	13.43	154	493607	50.763	nq	100
47) 2-Chloronaphthalene	13.47	162	374965	47.487	nq	100
48) 2-Nitroaniline	13.67	65	122982	47.349	nq	91
49) Acenaphthylene	14.32	152	640223	50.478	nq	99
50) Dimethylphthalate	14.05	163	512978	47.253	nq	99
51) 2,6-Dinitrotoluene	14.17	165	117262	47.869	nq	99
52) Acenaphthene	14.66	154	458820m	54.044	nq	
53) 3-Nitroaniline	14.51	138	88793	35.657	nq	98
54) 2,4-Dinitrophenol	14.71	184	124010	77.466	nq	99
55) Dibenzofuran	14.99	168	617641	48.990	nq	97
56) 4-Nitrophenol	14.85	139	187440	99.422	nq	94
57) 2,4-Dinitrotoluene	14.96	165	174635	49.224	nq	99
58) Fluorene	15.65	166	513950	49.620	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	156263	50.620	nq	98
60) Diethylphthalate	15.42	149	543748	48.123	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	283229	47.786	nq	99
62) 4-Nitroaniline	15.67	138	125722	48.361	nq	99
63) Azobenzene	15.93	77	526331	49.956	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	105250	45.347	nq	97
66) n-Nitrosodiphenylamine	15.86	169	463846	48.476	nq	97
67) 4-Bromophenyl-phenylether	16.53	248	200441	46.448	nq	98
68) Hexachlorobenzene	16.66	284	221137	48.994	nq	96
69) Atrazine	16.80	200	182749	46.369	nq	98
70) Pentachlorophenol	17.01	266	230444	98.329	nq	98
71) Phenanthrene	17.39	178	867985	49.890	nq	100
72) Anthracene	17.48	178	887447	50.794	nq	98
73) Carbazole	17.75	167	829624	48.714	nq	99
74) Di-n-butylphthalate	18.31	149	990778	48.470	nq	99
75) Fluoranthene	19.40	202	1111414	50.224	nq	100
77) Benzidine	19.58	184	518745	47.734	nq	98
78) Pyrene	19.76	202	1101699	49.947	nq	99
80) Butylbenzylphthalate	20.65	149	451306	47.403	nq	98
81) Benzo(a)anthracene	21.59	228	1080463	50.125	nq	98
82) 3,3'-Dichlorobenzidine	21.50	252	322613	38.155	nq	99
83) Chrysene	21.65	228	1029599	49.676	nq	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	638275	48.770	nq	98
85) Di-n-octyl phthalate	22.68	149	1077411	47.932	nq	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1331069	49.111	nq	98
88) Benzo(b)fluoranthene	23.76	252	1144751	50.538	nq	99
89) Benzo(k)fluoranthene	23.82	252	1089958	51.219	nq	99
90) Benzo(a)pyrene	24.61	252	1044558	49.515	nq	98
91) Dibenzo(a,h)anthracene	28.39	278	1083722	51.121	nq	99
92) Benzo(g,h,i)perylene	29.45	276	1100001	51.882	nq	99

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



#1

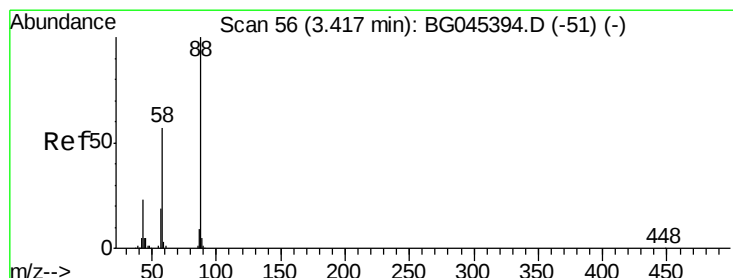
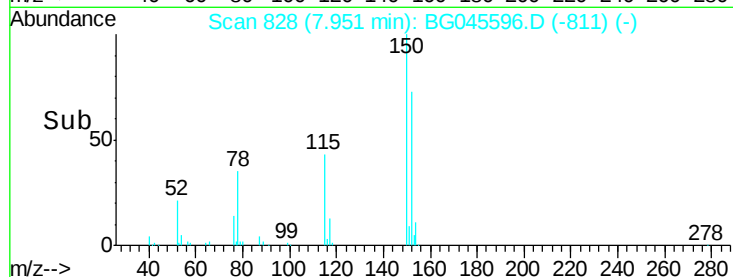
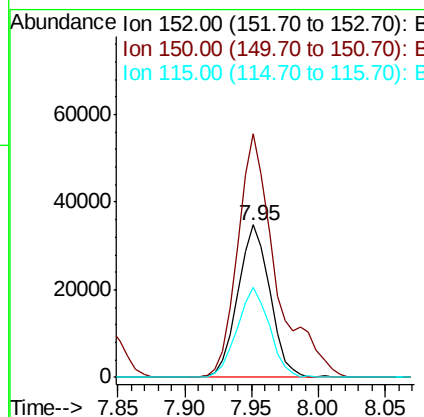
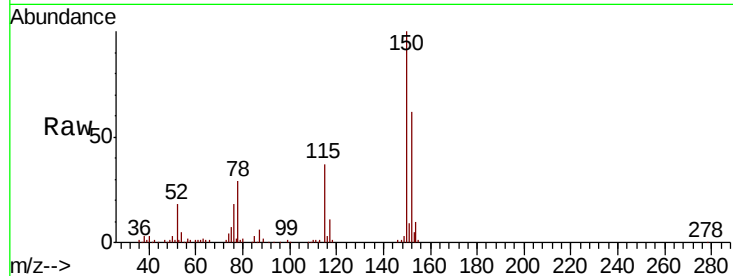
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	122.4	183.6
115	58.8	44.2	66.4

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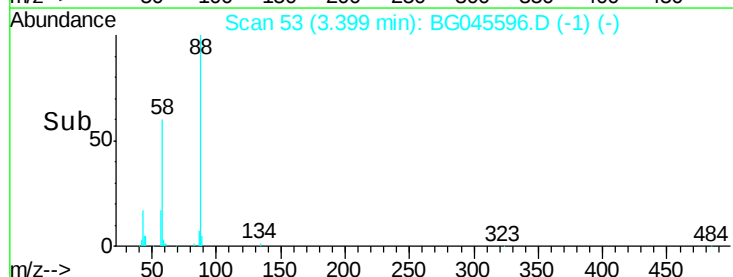
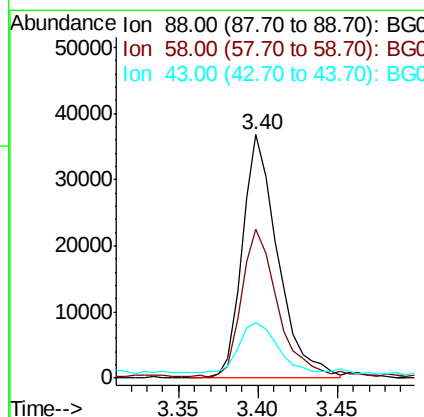
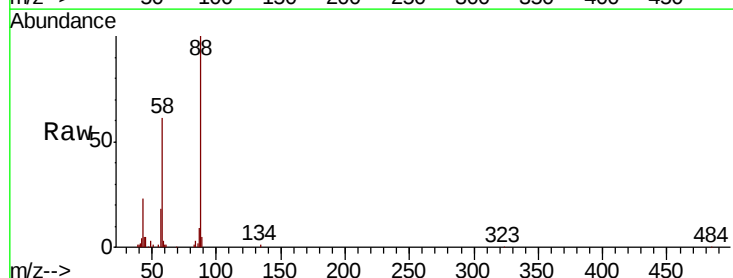
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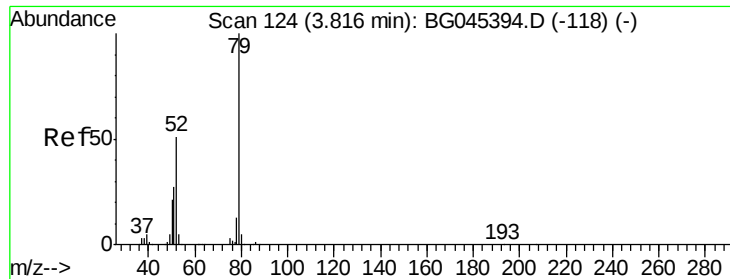


#2

1,4-Dioxane
Concen: 38.925 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.7	45.7	68.5
43	22.5	16.8	25.2





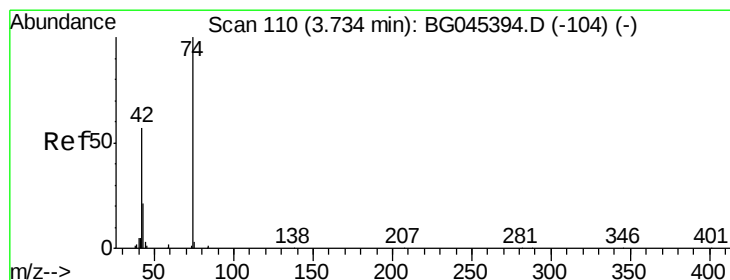
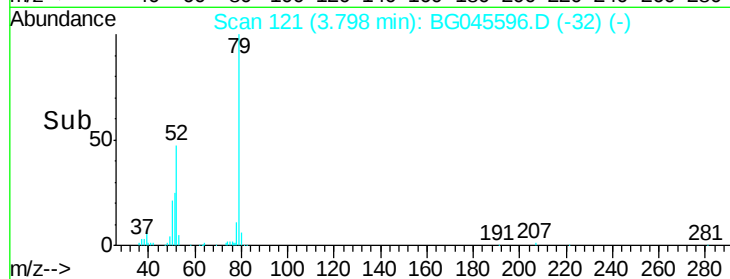
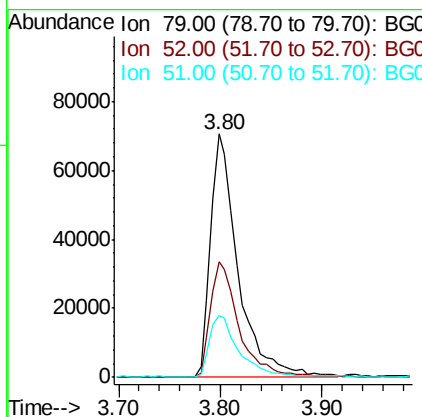
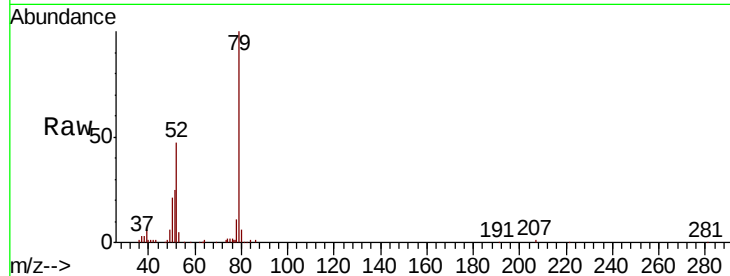
#3
 Pvridine
 Concen: 32.717 ng
 RT: 3.80 min Scan# 121
 Delta R.T. -0.01 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Instrument :
 BNA_G
 ClientSampleId :
 PB129278BS

Tot Ion:	79	Resp:	133832
Ion Ratio	Lower	Upper	
79	100		
52	47.2	40.8	61.2
51	25.4	21.9	32.9

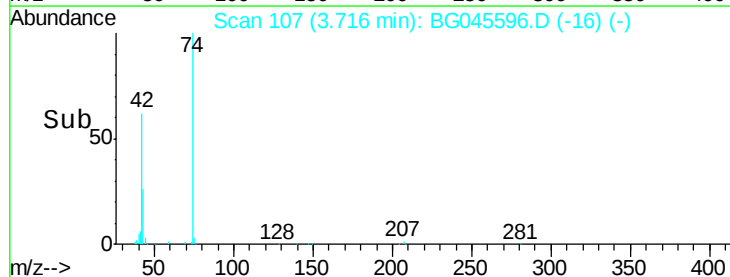
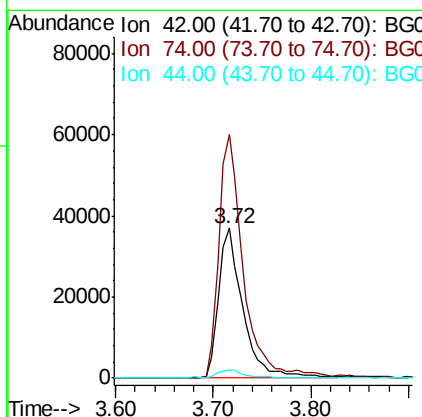
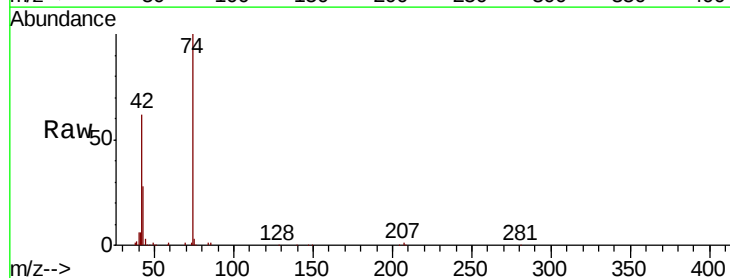
Manual Integrations
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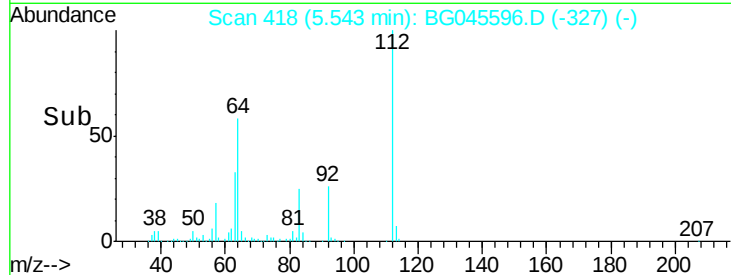
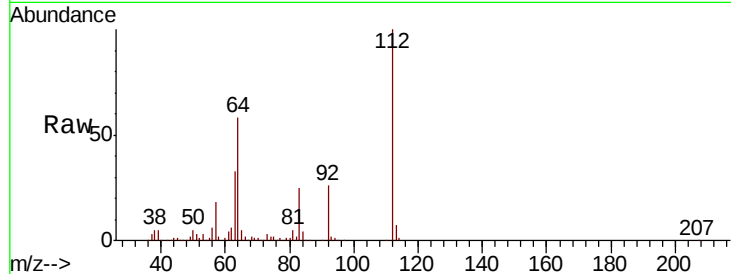
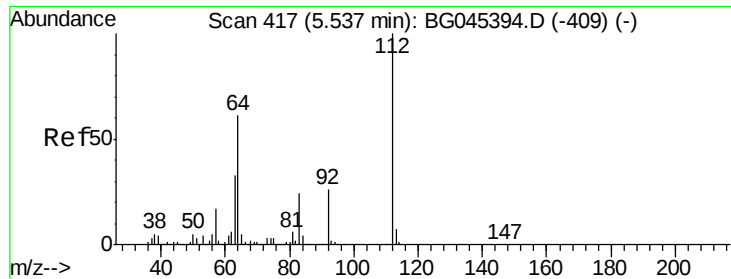
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#4
 n-Nitrosodimethylamine
 Concen: 47.656 ng
 RT: 3.72 min Scan# 107
 Delta R.T. 0.01 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Tgt Ion:	42	Resp:	63789
Ion Ratio	Lower	Upper	
42	100		
74	162.2	141.3	211.9
44	5.5	4.2	6.4





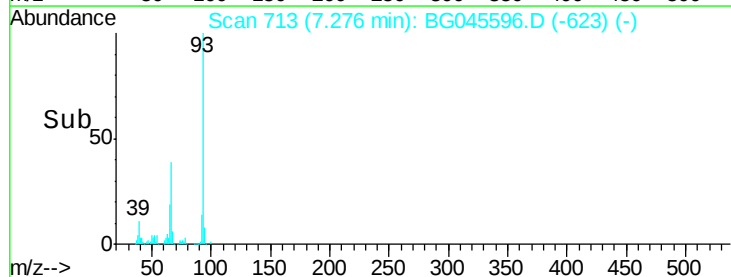
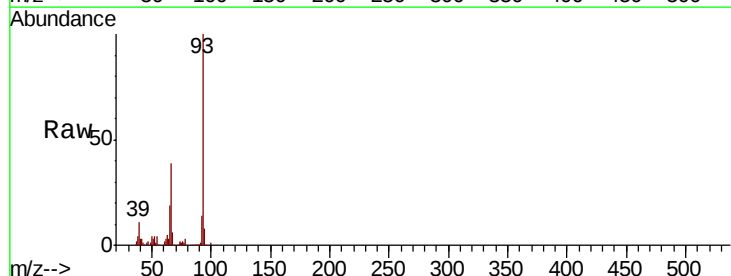
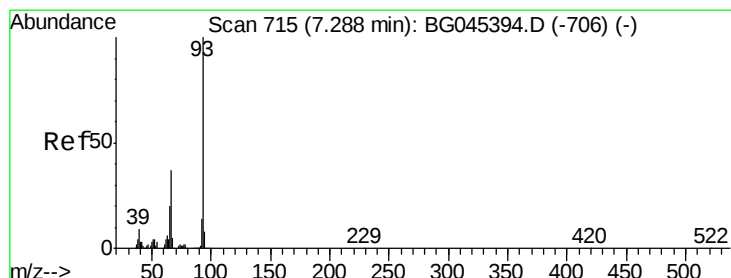
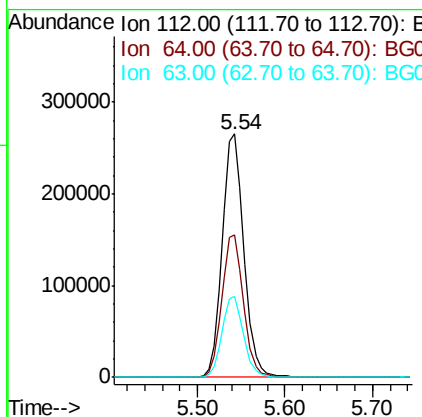
#5
2-Fluorophenol
Concen: 153.166 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tot Ion	Ratio	Resp	Lower	Upper
112	100	453653		
64	58.5		48.6	72.8
63	33.4		26.5	39.7

Instrument :
BNA_G
ClientSampleId :
PB129278BS

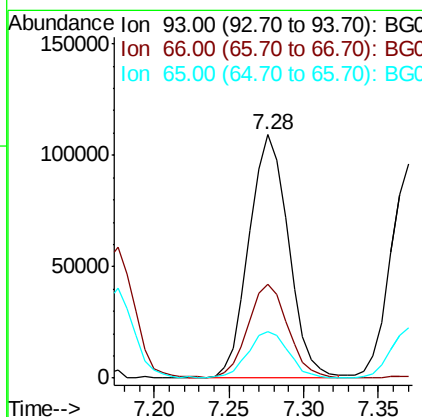
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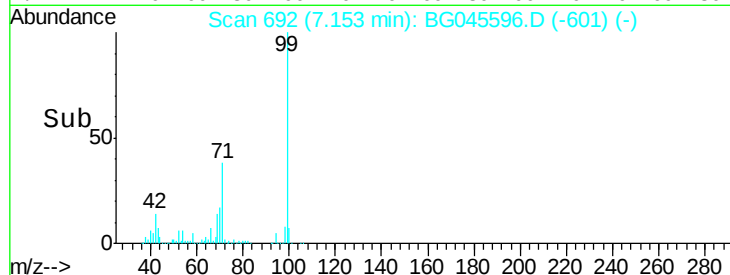
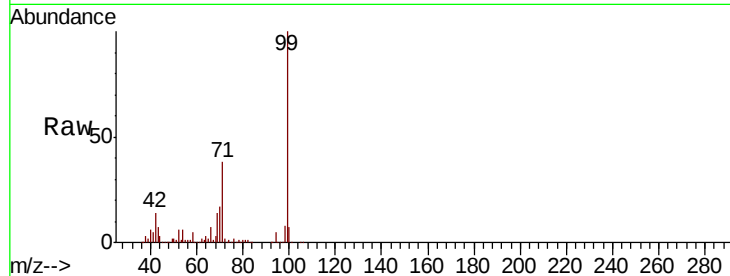
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#6
Aniline
Concen: 36.353 ng
RT: 7.28 min Scan# 713
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	200053		
66	38.7		29.6	44.4
65	18.9		15.9	23.9





#7

Phenol-d6

Concen: 149.171 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Tot Ion:	99	Resp:	628840
Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.3	16.9
71	38.4	30.8	46.2

Instrument :

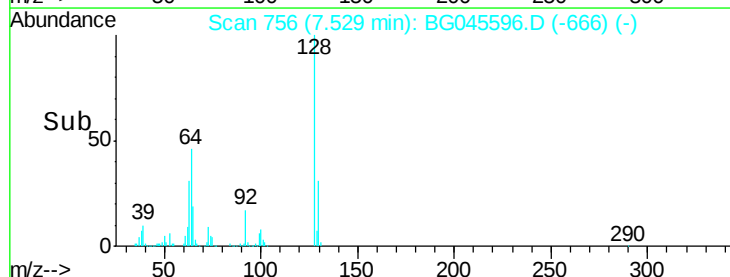
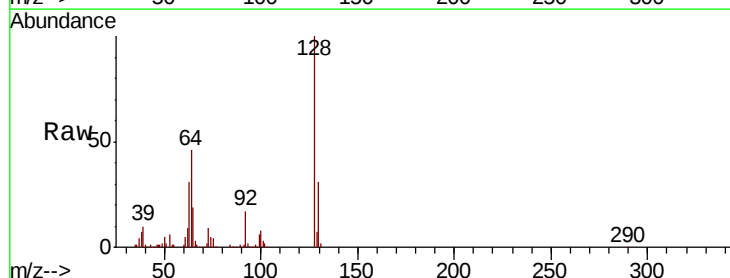
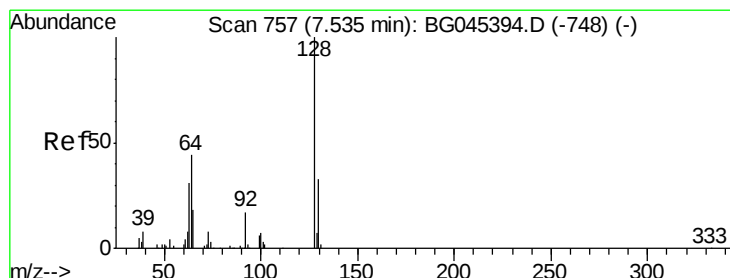
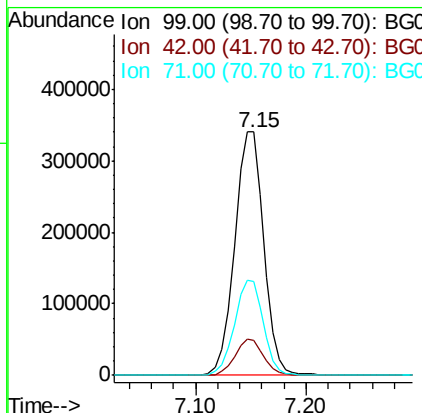
BNA_G

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#8

2-Chlorophenol

Concen: 50.959 ng

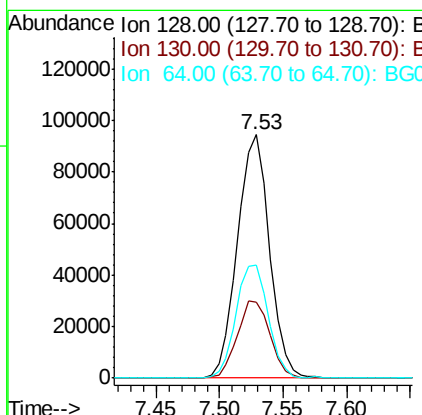
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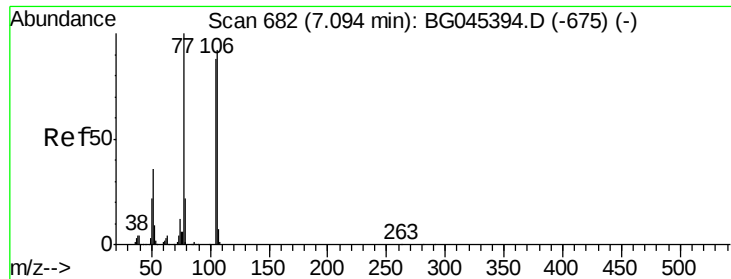
Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Tgt Ion:	128	Resp:	165517
Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.6	52.6
64	46.3	27.0	67.0





#9

Benzaldehyde

Concen: 38.216 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

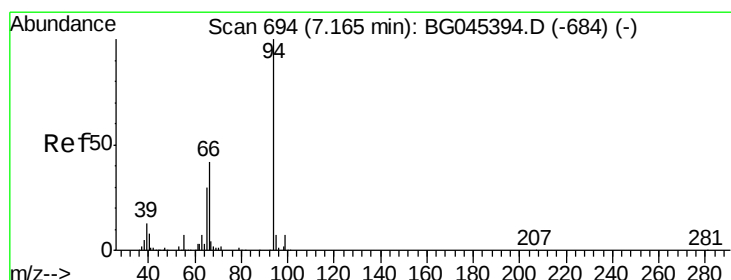
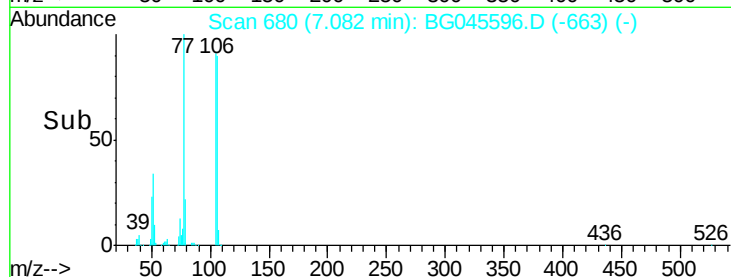
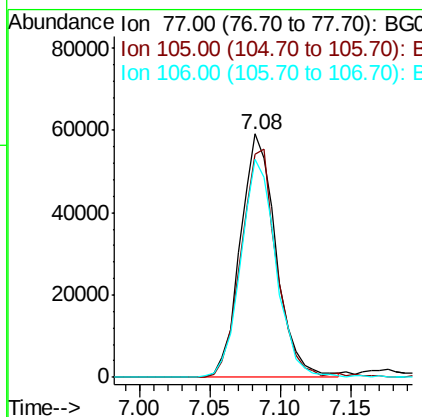
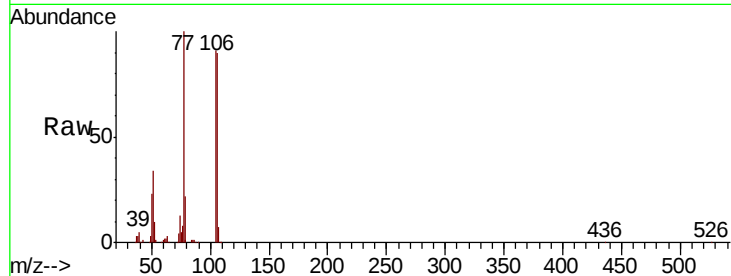
ClientSampleId :

PB129278BS

Tot Ion:	77	Resp:	104961
Ion Ratio	Lower	Upper	
77	100		
105	91.5	68.5	108.5
106	89.7	71.6	111.6

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#10

Phenol

Concen: 50.765 ng

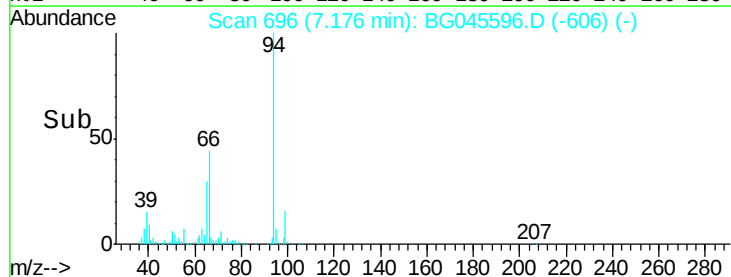
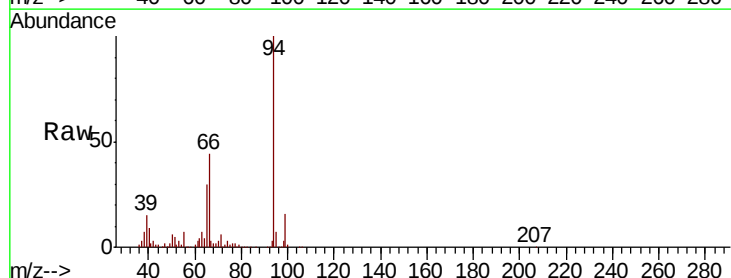
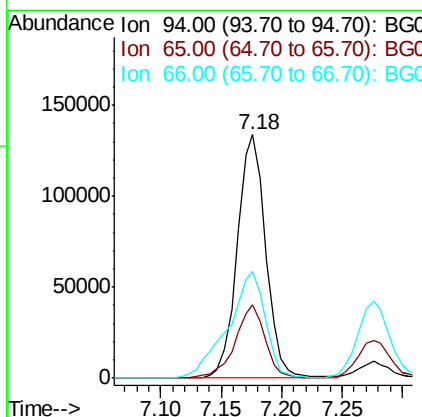
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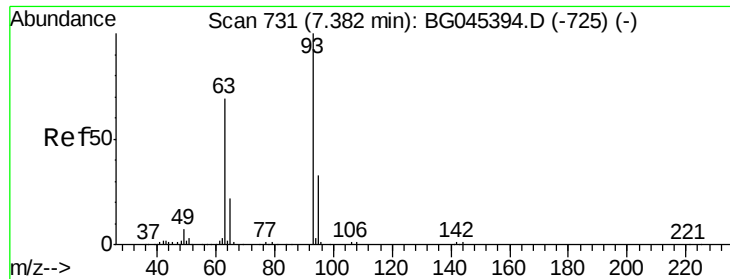
Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Tgt Ion:	94	Resp:	220561
Ion Ratio	Lower	Upper	
94	100		
65	30.0	9.8	49.8
66	44.0	22.0	62.0





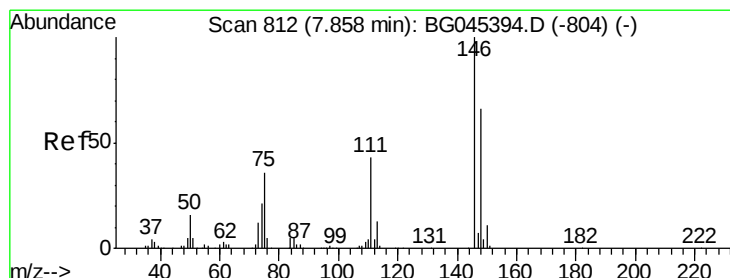
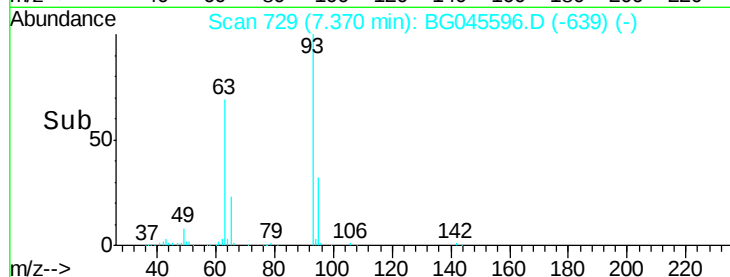
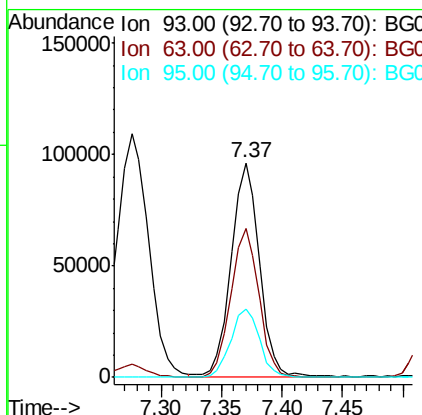
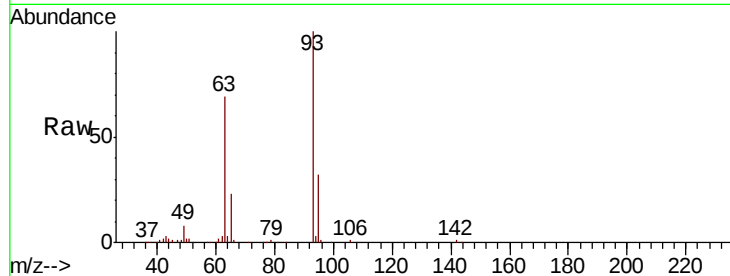
#11
bis(2-Chloroethyl)ether
Concen: 46.360 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampled :
PB129278BS

Tot Ion:	93	Resp:	157109
Ion Ratio	Lower	Upper	
93	100		
63	69.4	48.4	88.4
95	31.7	12.4	52.4

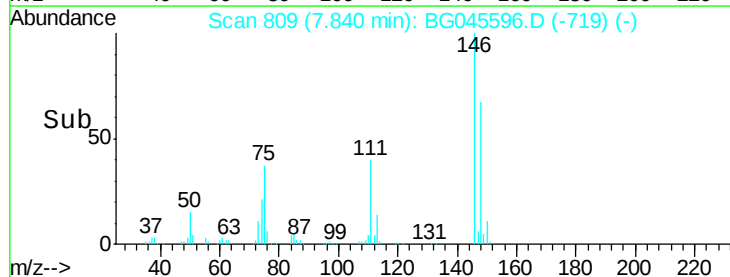
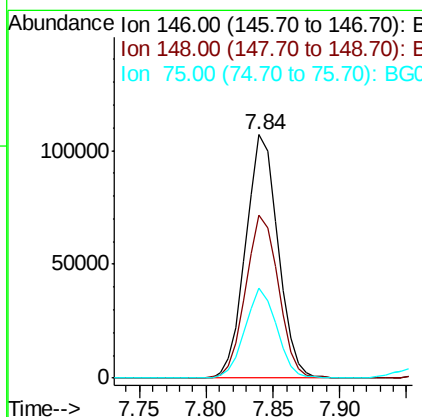
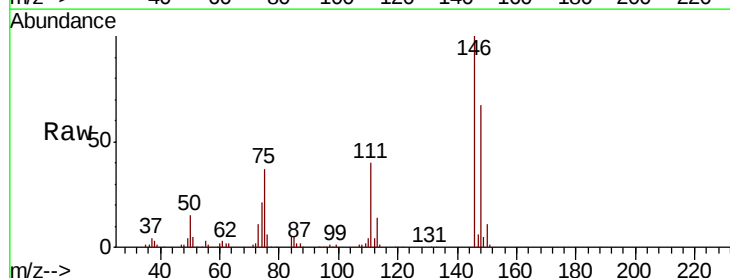
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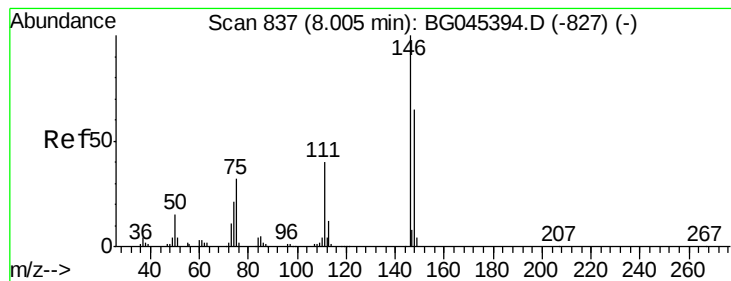
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.865 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion:	146	Resp:	179019
Ion Ratio	Lower	Upper	
146	100		
148	66.8	53.2	79.8
75	36.8	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 47.808 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

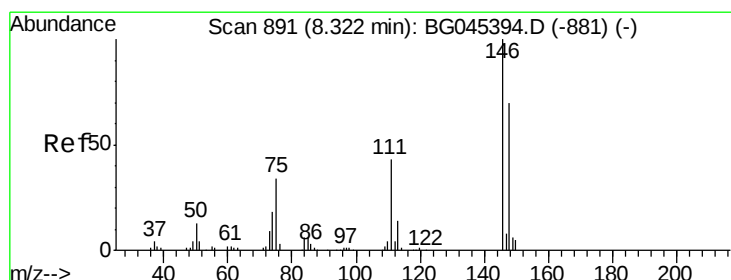
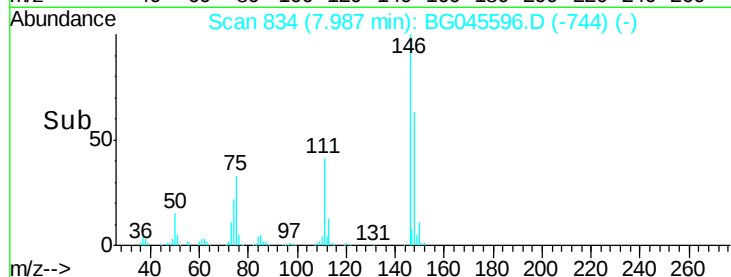
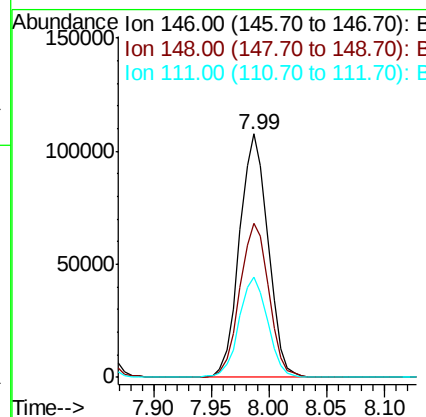
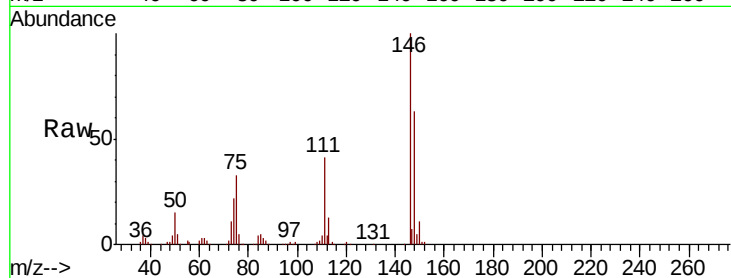
ClientSampled :

PB129278BS

Tot Ion:	146	Resp:	184154
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.8	77.8
111	41.1	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 46.333 ng

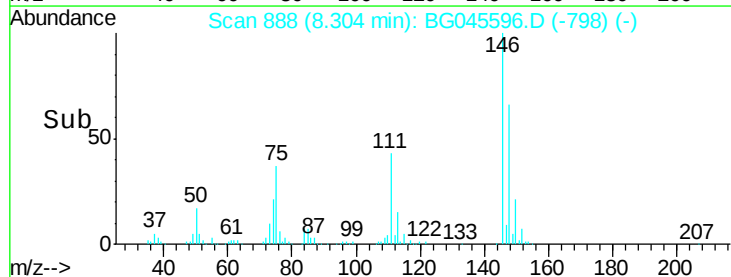
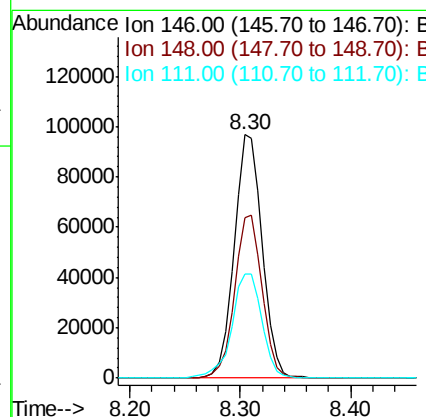
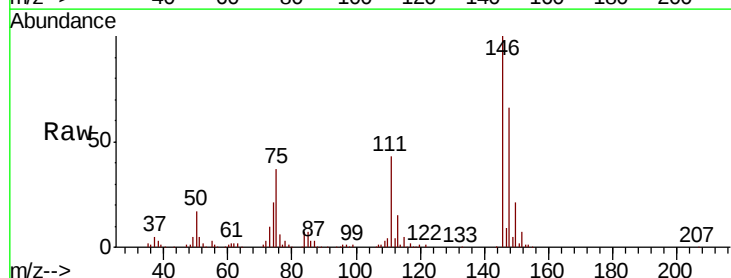
RT: 8.30 min Scan# 888

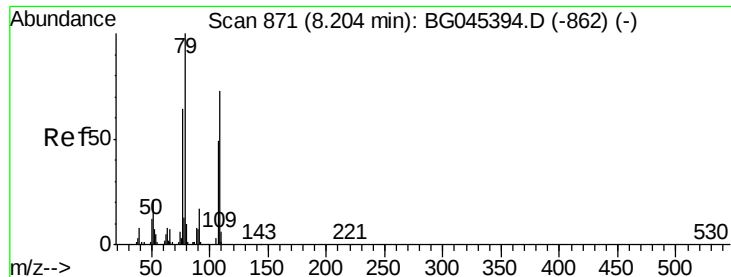
Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Tgt Ion:	146	Resp:	171653
Ion Ratio	Lower	Upper	
146	100		
148	66.0	55.9	83.9
111	42.9	35.0	52.4





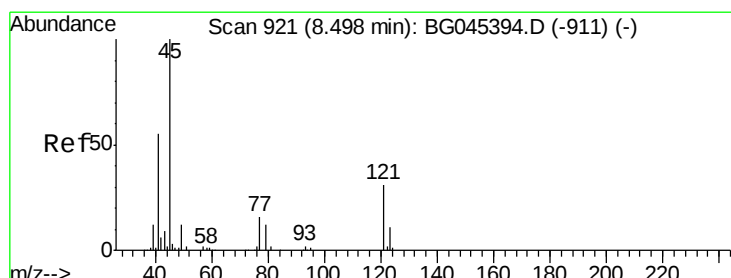
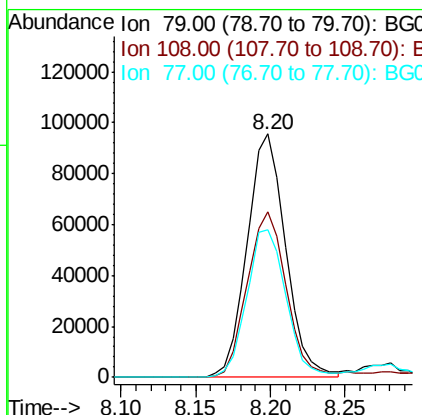
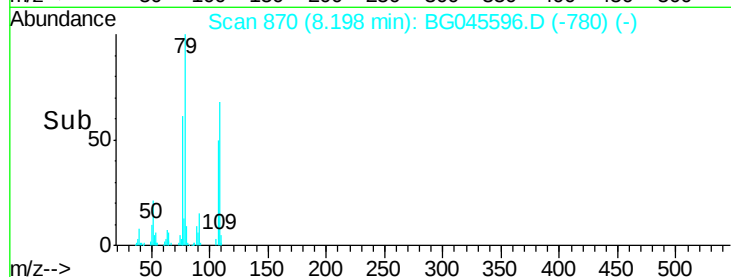
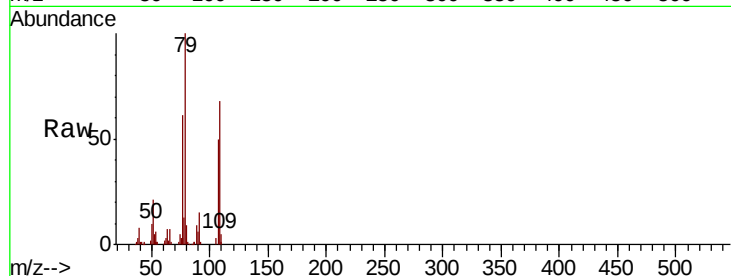
#15
Benzyl Alcohol
Concen: 49.020 ng
RT: 8.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.1	58.2	87.4
77	60.7	51.0	76.4

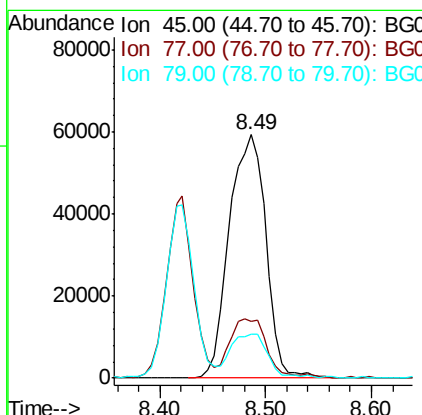
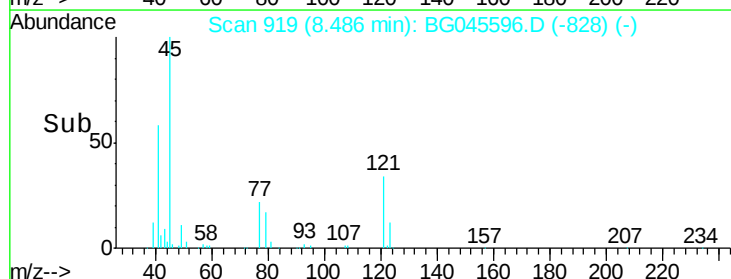
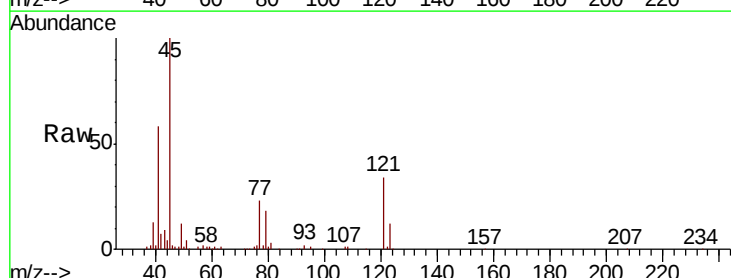
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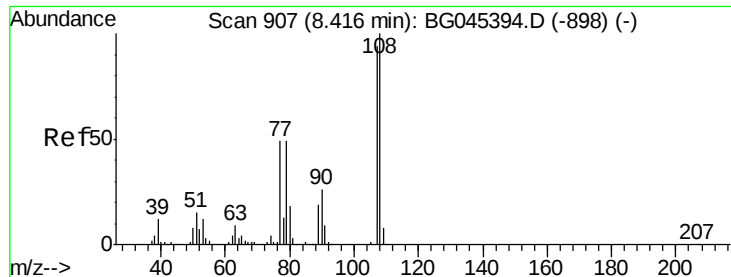
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.320 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.3	4.0	44.0
79	18.2	0.0	38.6





#17

2-Methylphenol

Concen: 46.050 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

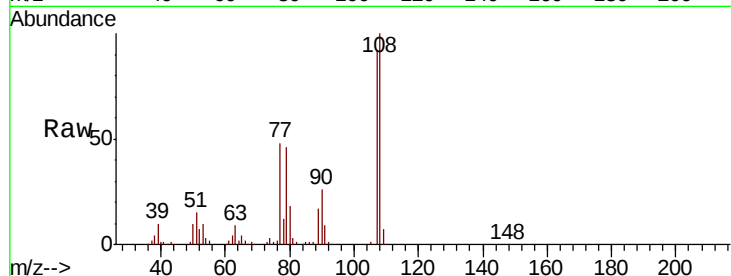
ClientSampled :

PB129278BS

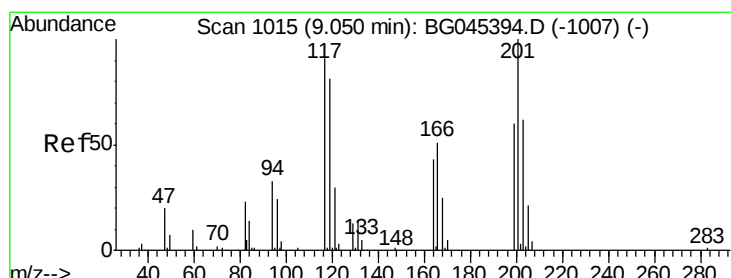
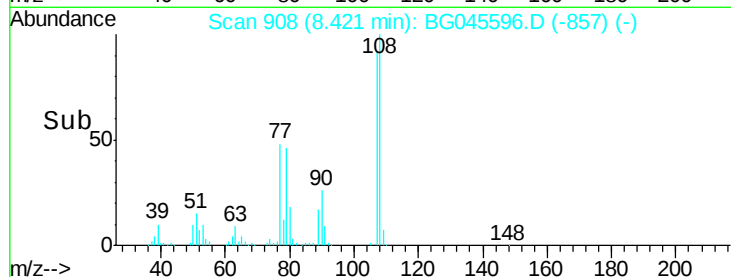
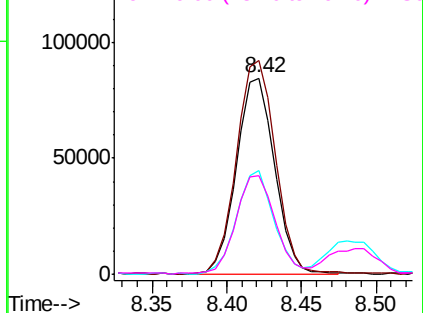
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	85.2	127.8	
77	52.6	41.6	62.4	
79	50.2	41.8	62.8	

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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: 48.034 ng

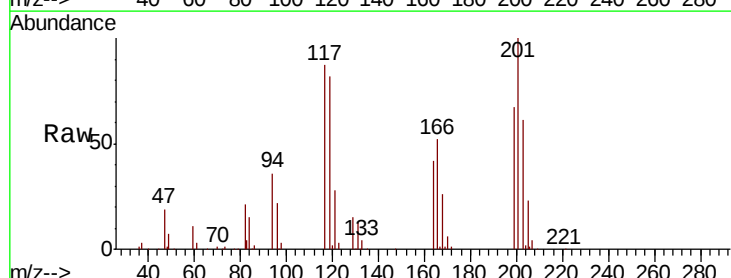
RT: 9.04 min Scan# 1013

Delta R.T. 0.00 min

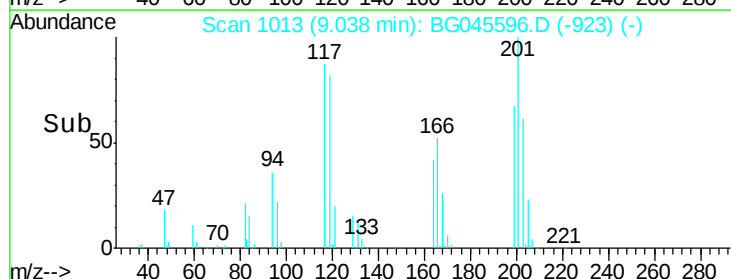
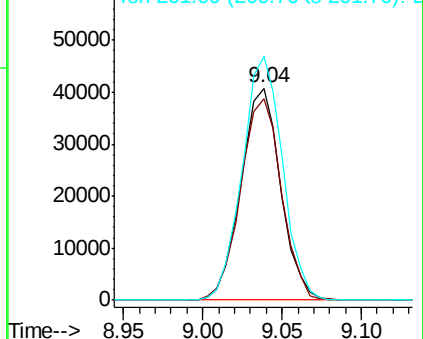
Lab File: BG045596.D

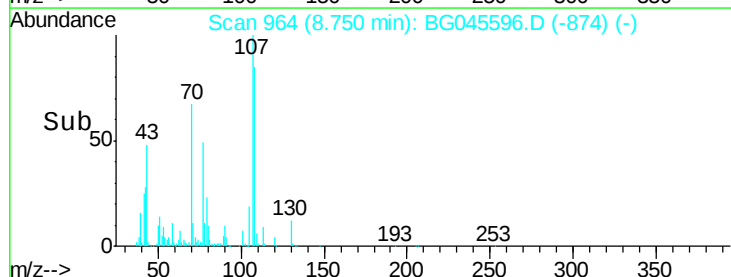
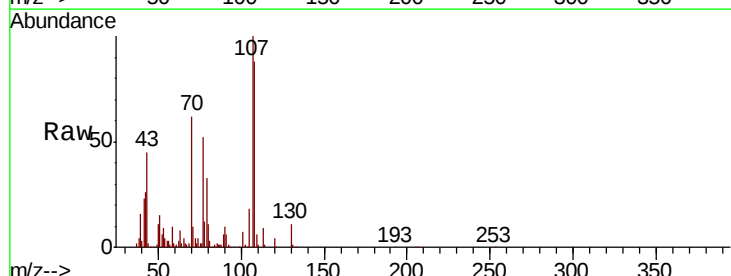
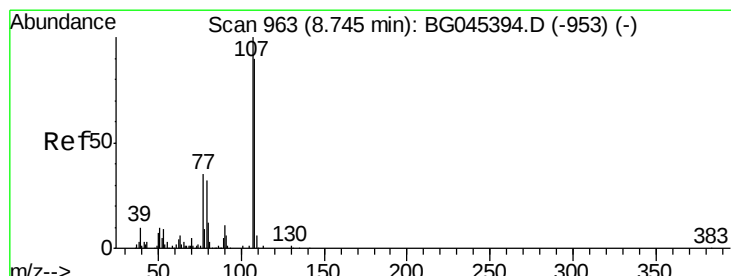
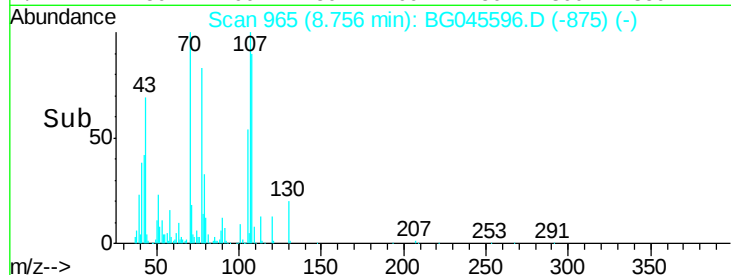
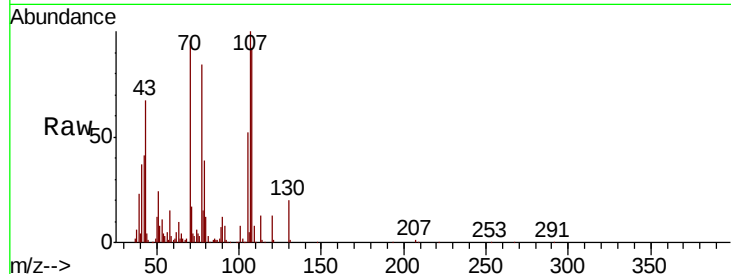
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	71.3	106.9	
201	115.0	87.5	131.3	



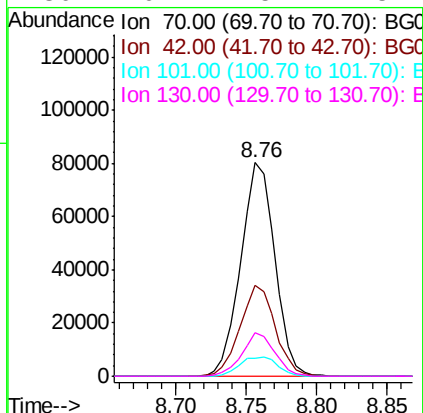
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 46.709 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.6	33.2	49.8	
101	8.6	7.8	11.6	
130	20.4	15.4	23.2	



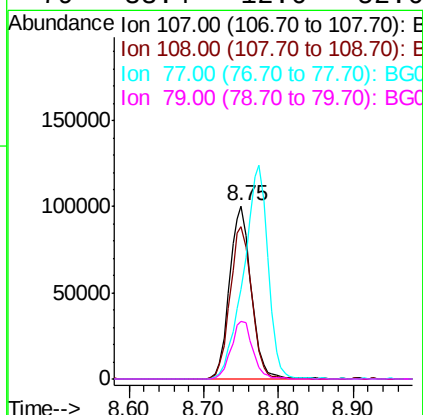
Instrument :
BNA_G
ClientSampleId :
PB129278BS

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#20
3+4-Methylphenols
Concen: 45.972 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	70.3	110.3	
77	51.7	15.4	55.4	
79	33.4	12.6	52.6	





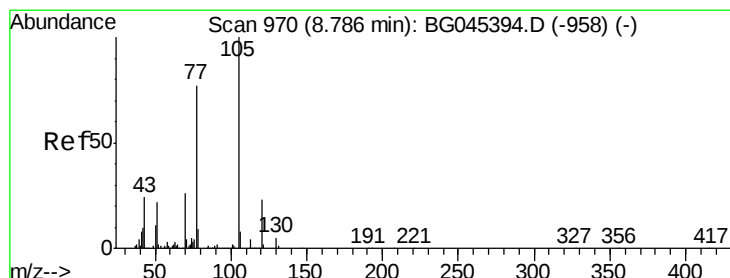
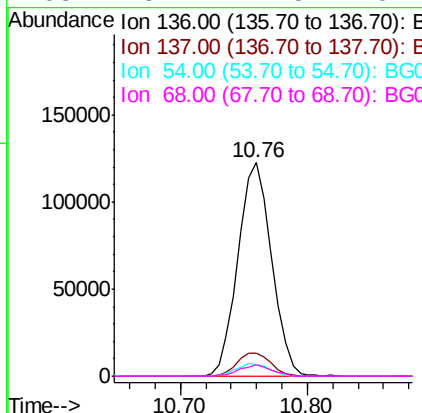
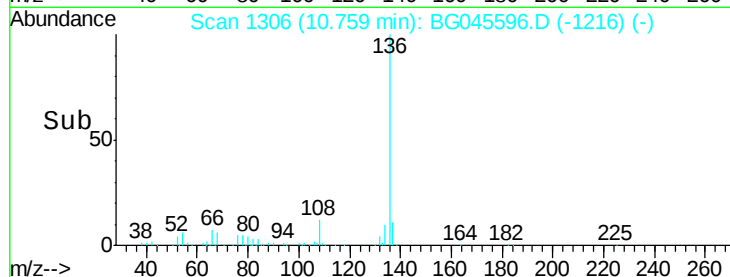
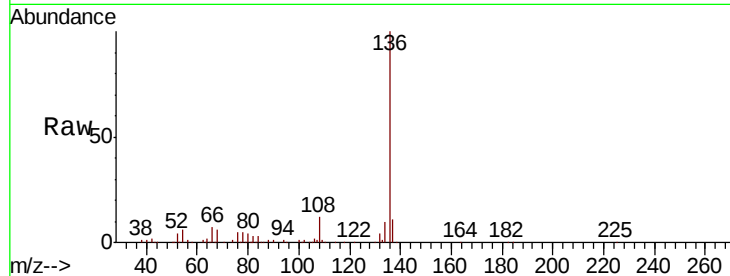
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		225736		
137	11.1	9.4	14.2		
54	5.5	5.8	8.6		
68	5.7	4.5	6.7		

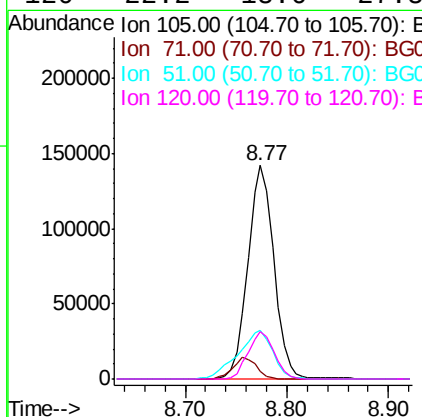
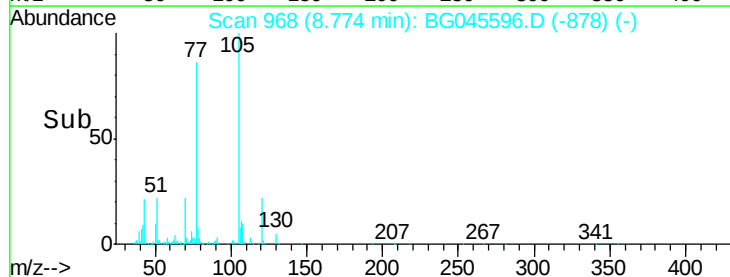
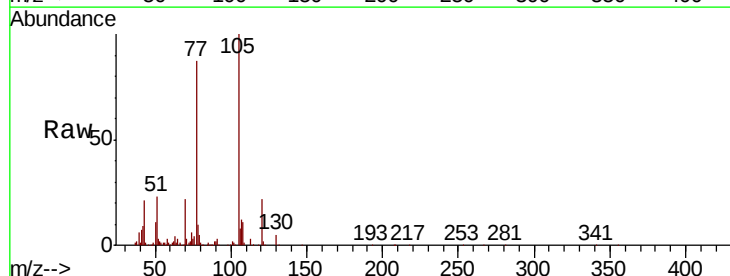
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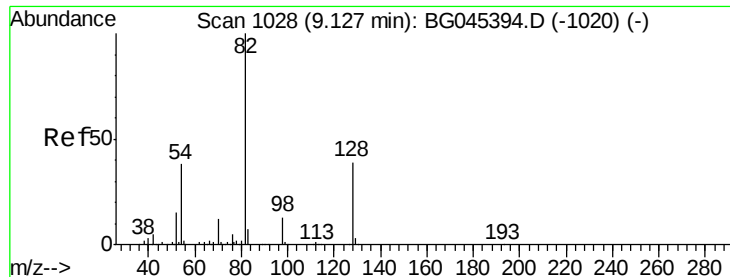
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#22
Acetophenone
Concen: 47.388 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		253533		
71	3.5	3.4	5.0		
51	22.7	18.2	27.2		
120	22.2	18.6	27.8		





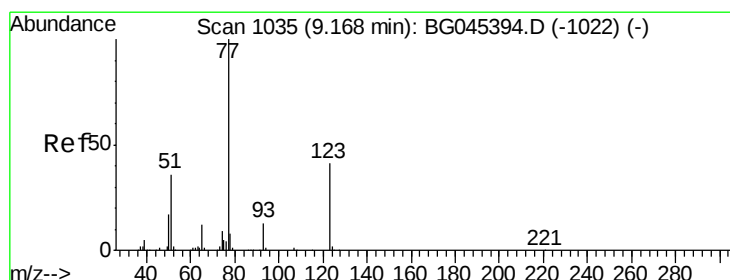
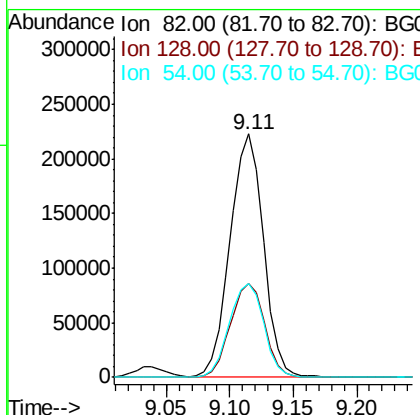
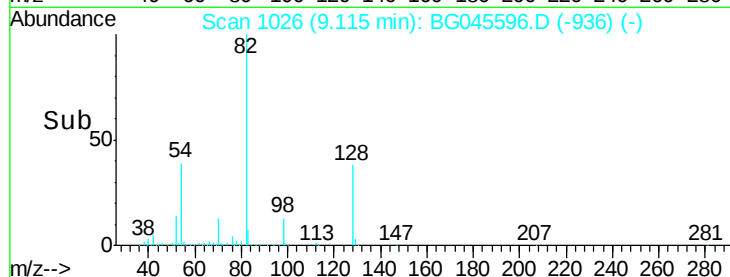
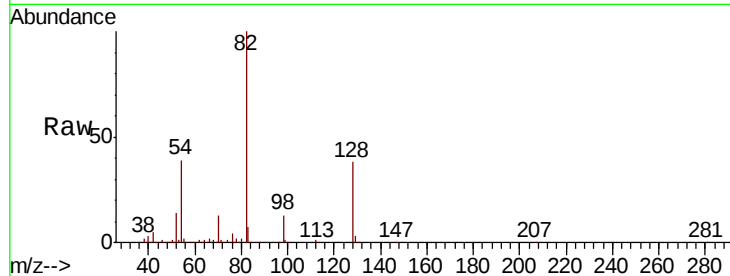
#23
 Nitrobenzene-d5
 Concen: 97.729 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Instrument :
 BNA_G
 ClientSampleId :
 PB129278BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.9	46.3
54	38.8	30.3	45.5

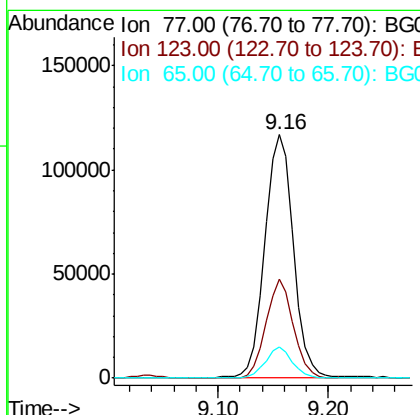
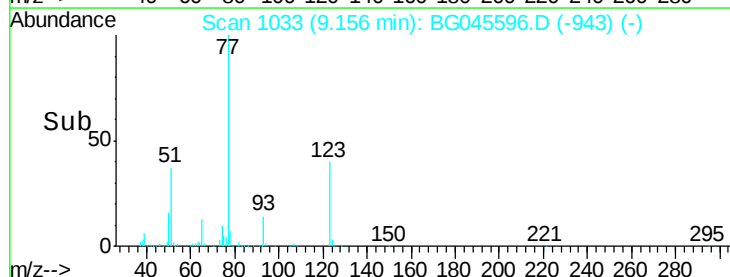
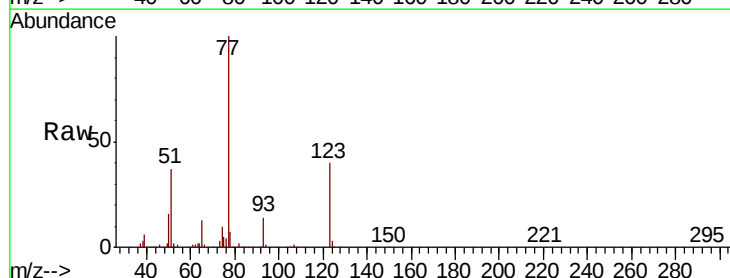
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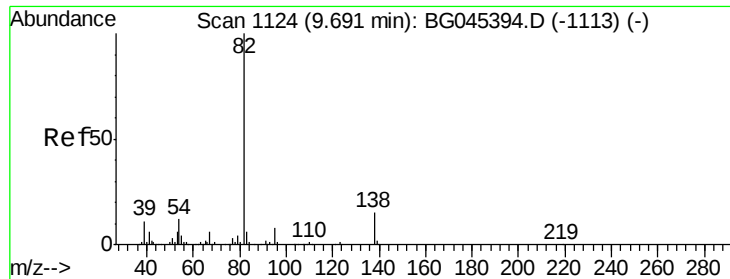
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#24
 Nitrobenzene
 Concen: 47.513 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.4	32.9	49.3
65	13.0	9.4	14.2





#25

Isophorone

Concen: 46.439 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

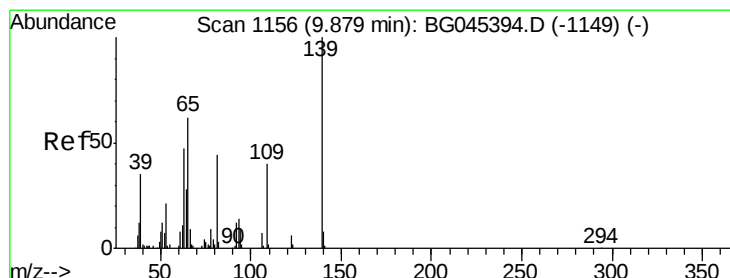
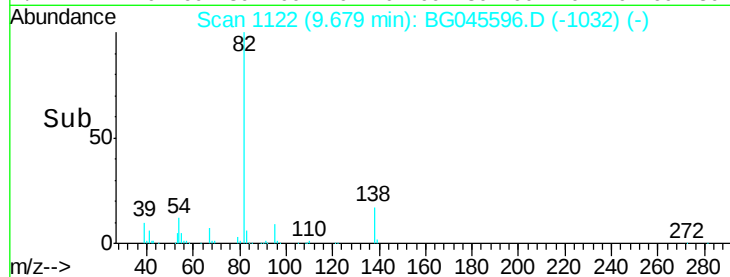
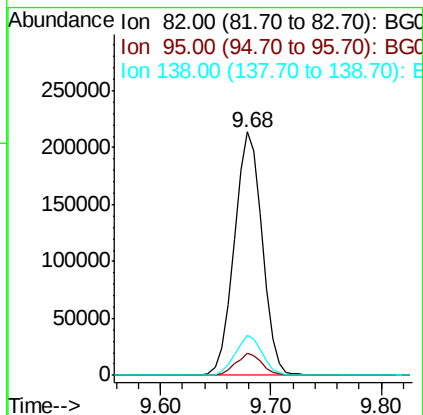
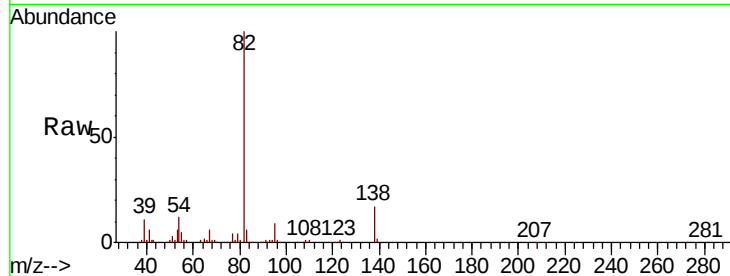
ClientSampleId :

PB129278BS

Tot Ion:	82	Resp:	378586
Ion Ratio	Lower	Upper	
82	100		
95	8.9	6.7	10.1
138	16.5	12.2	18.4

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#26

2-Nitrophenol

Concen: 49.994 ng

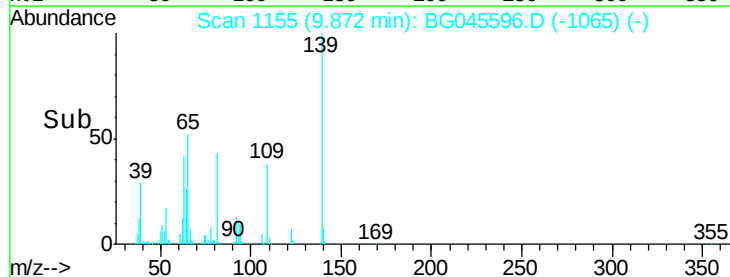
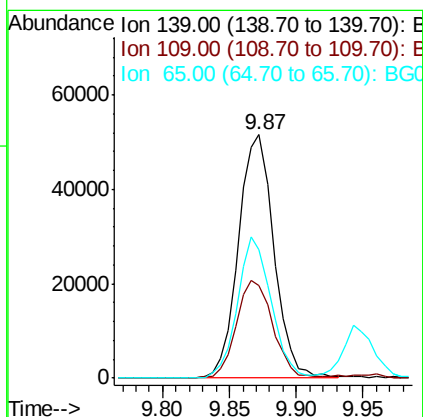
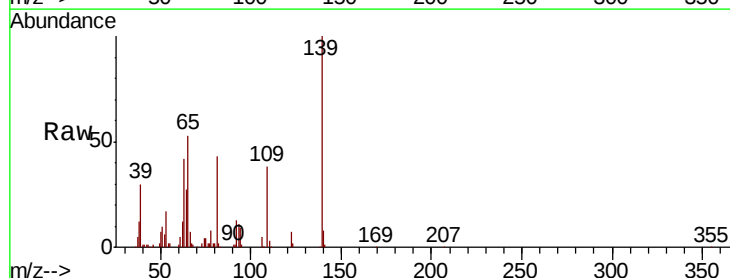
RT: 9.87 min Scan# 1155

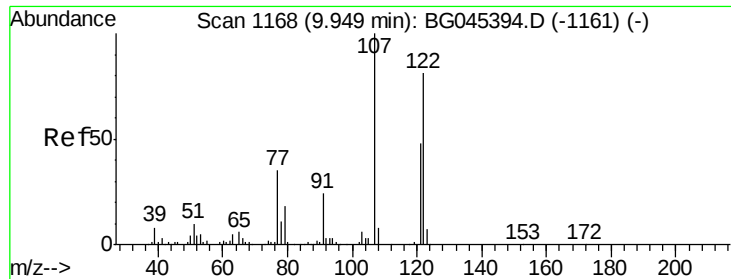
Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Tgt Ion:	139	Resp:	94852
Ion Ratio	Lower	Upper	
139	100		
109	38.2	32.2	48.4
65	52.7	49.6	74.4





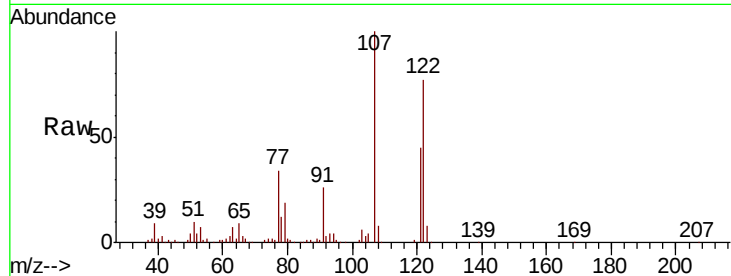
#27
2,4-Dimethylphenol
Concen: 54.746 ng
RT: 9.95 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.5	99.0	148.4
121	58.9	47.7	71.5

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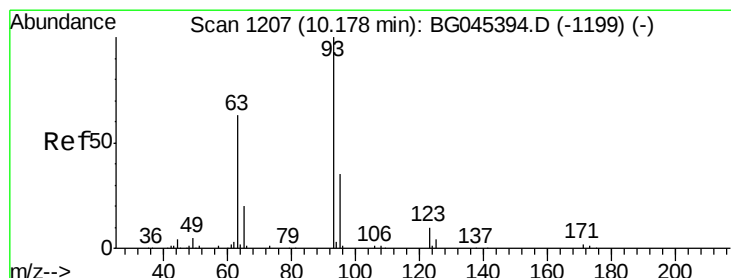
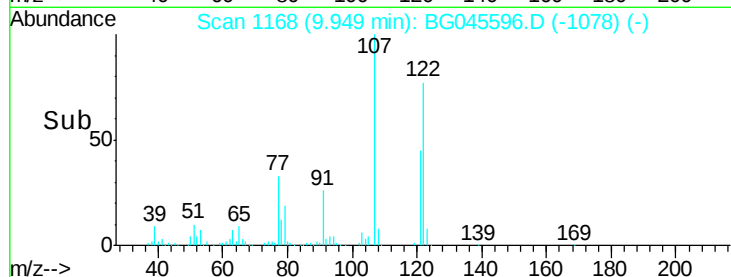
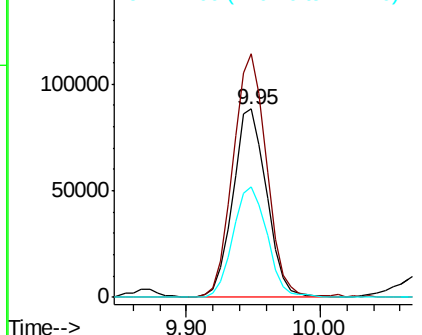


Abundance

Ion 122.00 (121.70 to 122.70): E

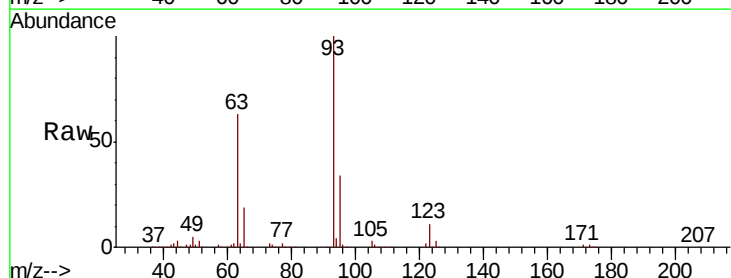
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 48.584 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	27.6	41.4
123	10.6	8.1	12.1

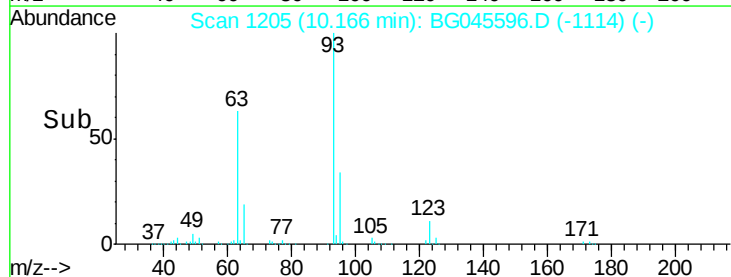
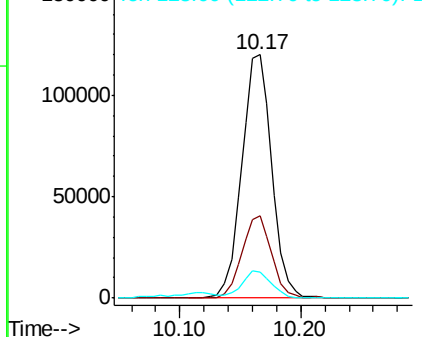


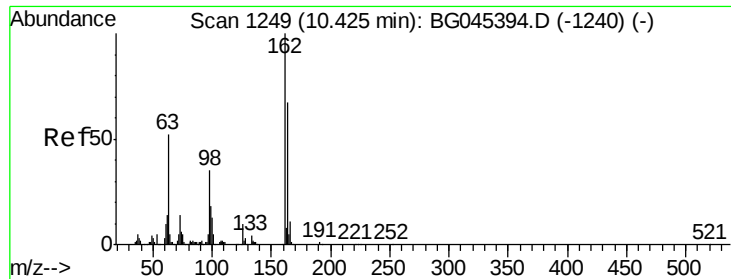
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





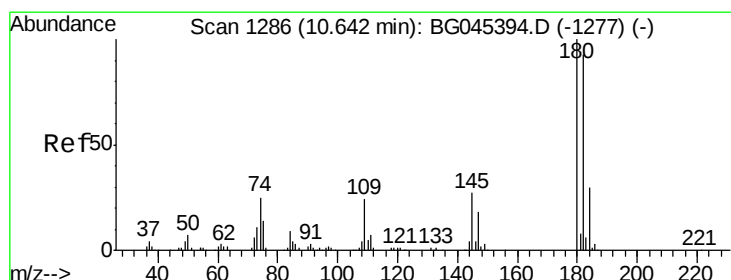
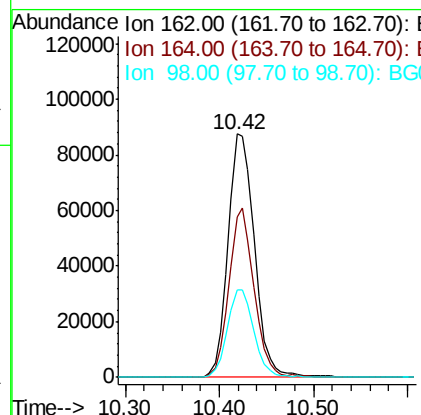
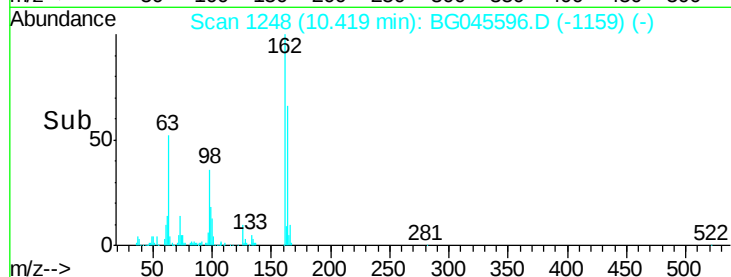
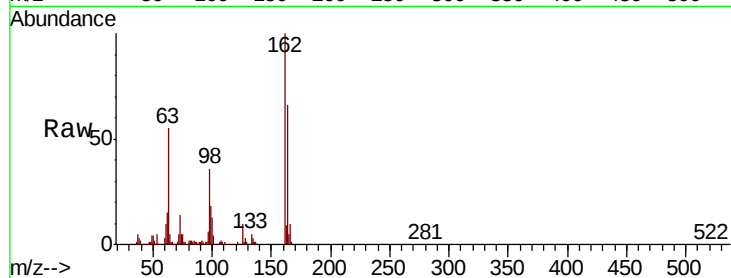
#29
2,4-Dichlorophenol
Concen: 51.615 ng
RT: 10.42 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.8	46.8	86.8
98	35.8	15.2	55.2

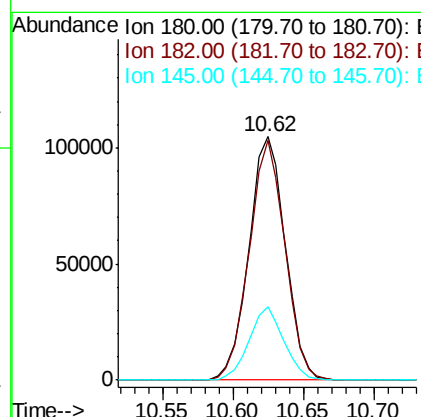
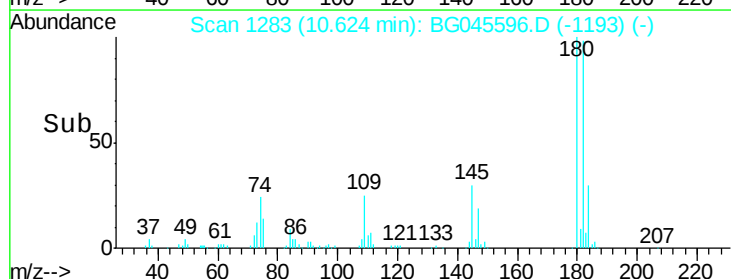
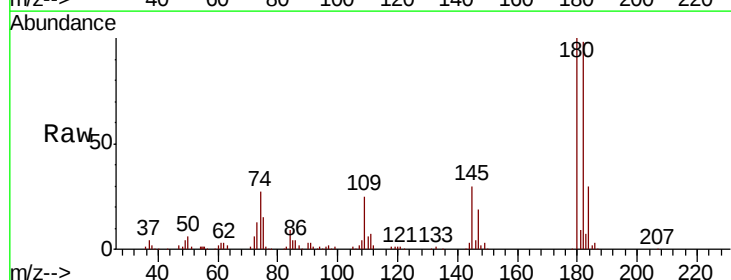
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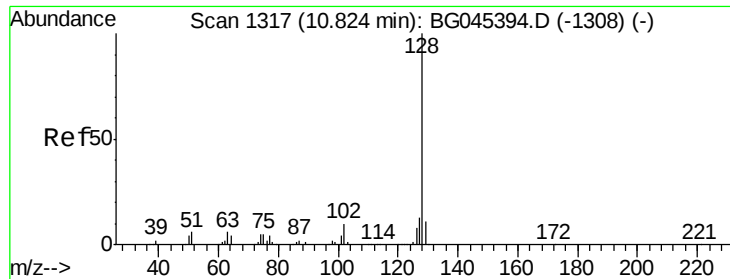
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#30
1,2,4-Trichlorobenzene
Concen: 48.282 ng
RT: 10.62 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.3	74.8	112.2
145	29.9	21.9	32.9





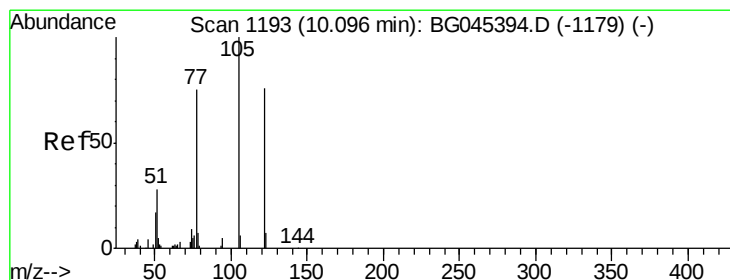
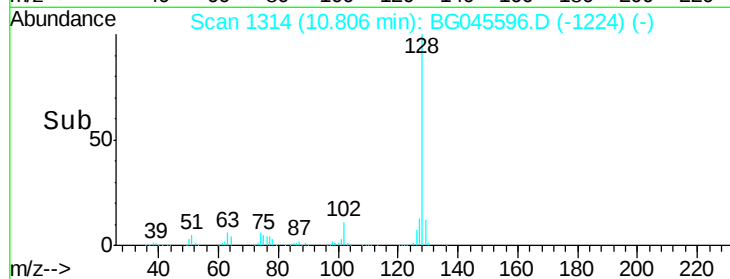
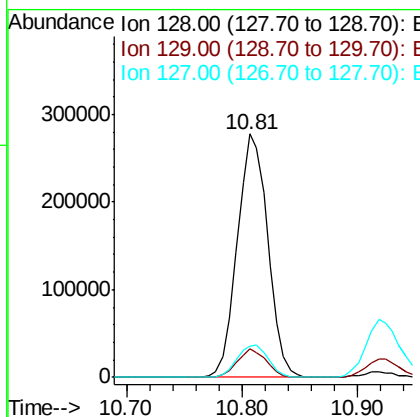
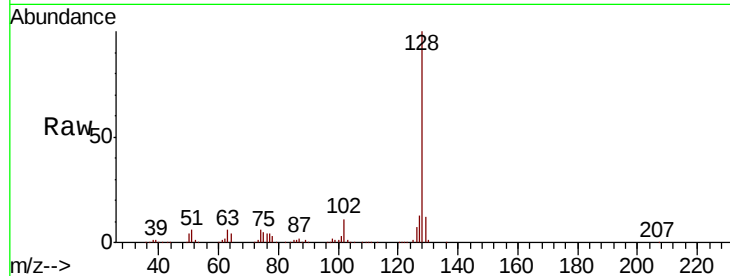
#31
Naphthalene
Concen: 48.369 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	12.8	10.7	16.1

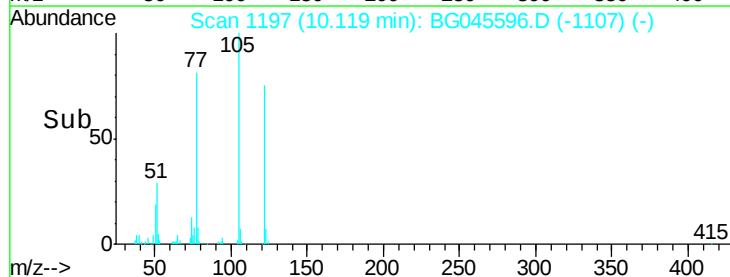
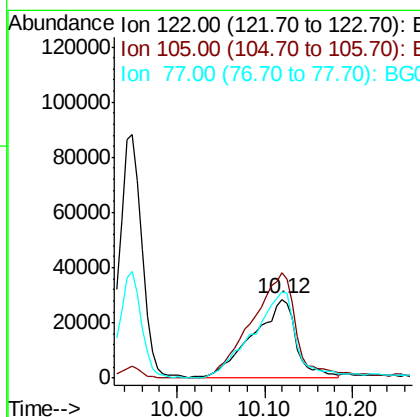
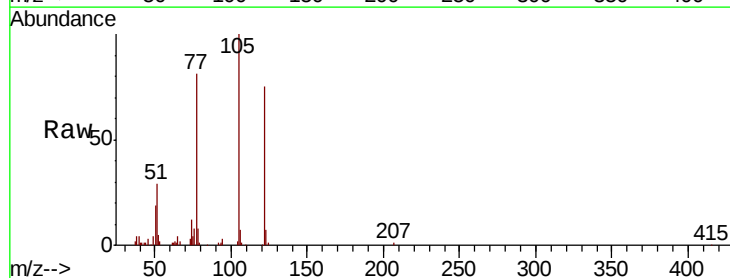
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#32
Benzoic acid
Concen: 49.442 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.9	107.9	147.9
77	108.3	78.9	118.9





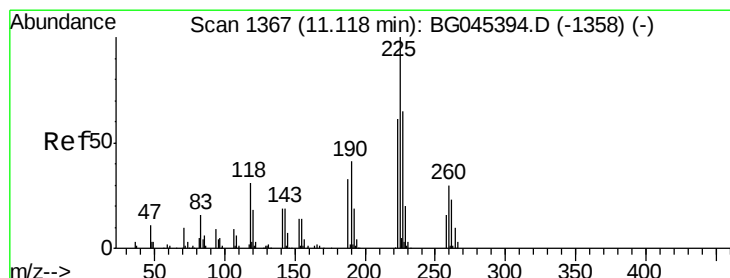
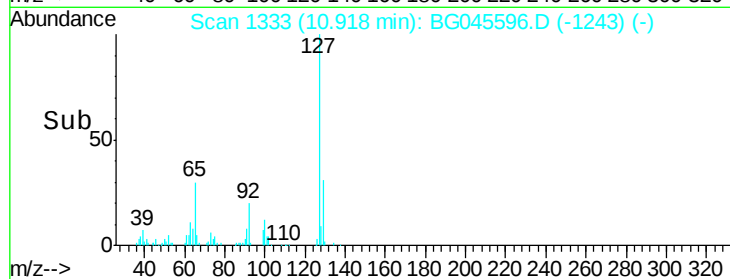
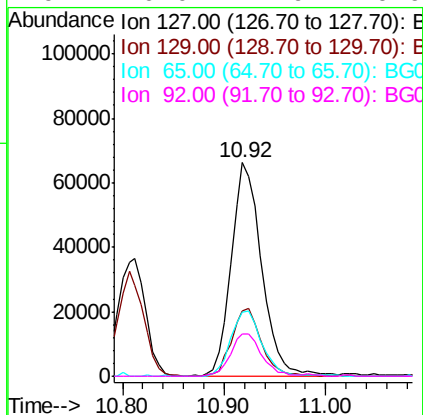
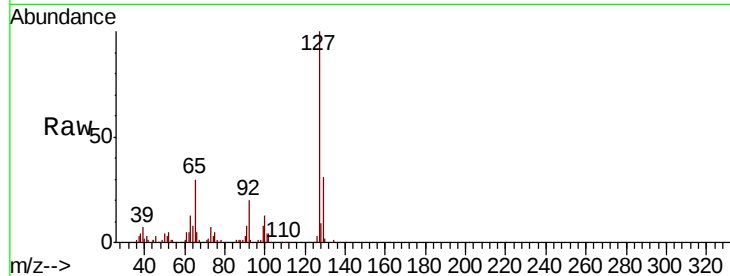
#33
4-Chloroaniline
Concen: 31.471 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.6	24.7	37.1		
65	30.0	26.2	39.2		
92	20.0	17.9	26.9		

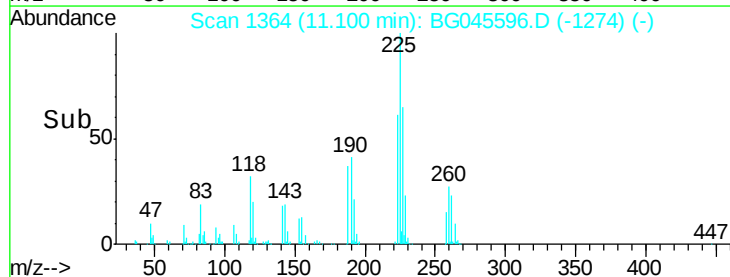
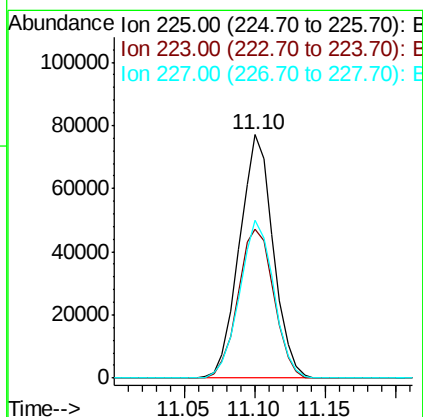
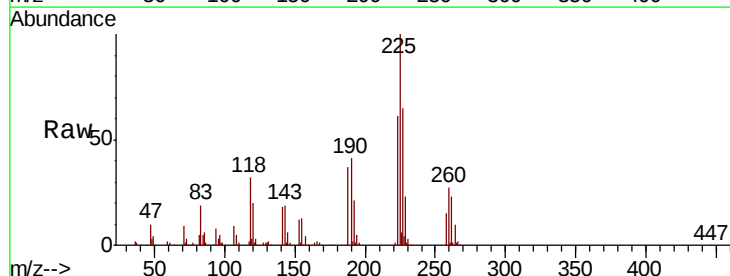
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#34
Hexachlorobutadiene
Concen: 46.301 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	49.1	73.7		
227	64.7	52.0	78.0		





#35

Caprolactam

Concen: 49.879 ng/mL

RT: 11.69 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

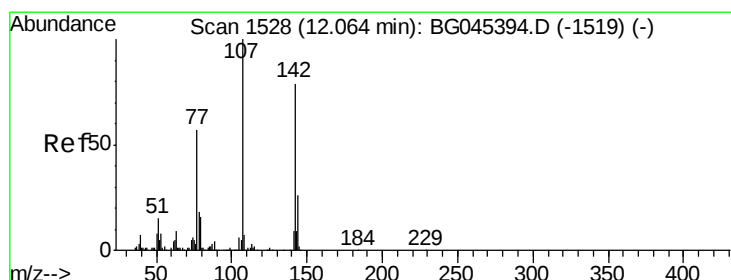
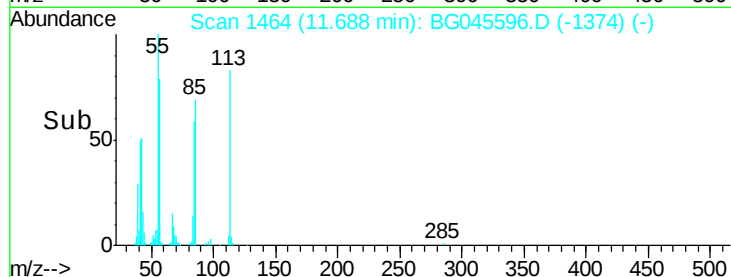
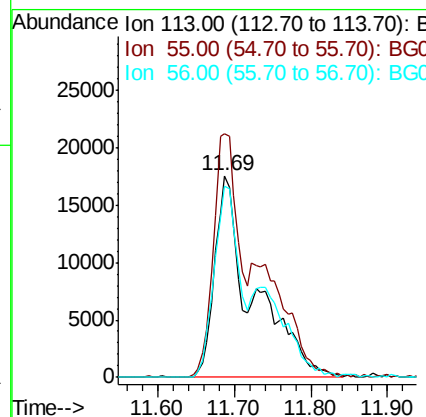
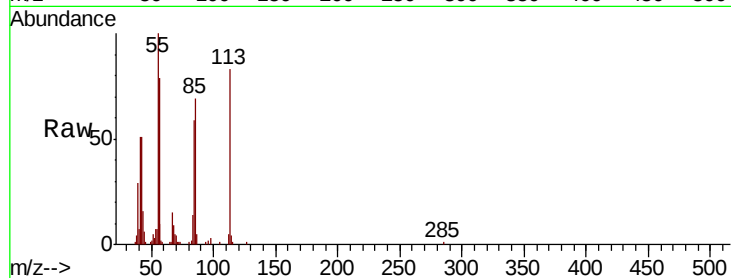
ClientSampleID :

PB129278BS

Tot Ion:	113	Resp:	60837
Ion	Ratio	Lower	Upper
113	100		
55	120.9	96.0	136.0
56	94.9	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 52.088 ng/mL

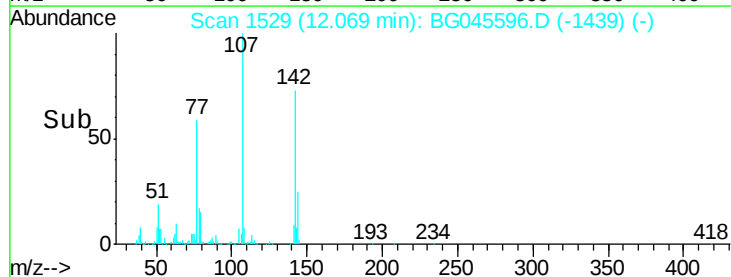
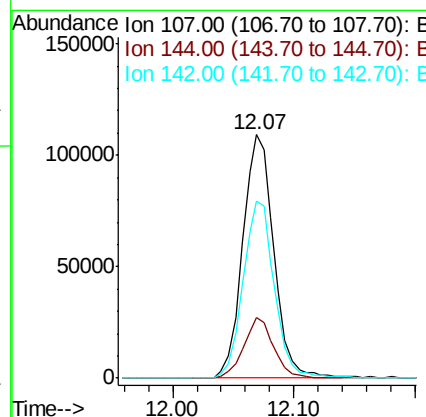
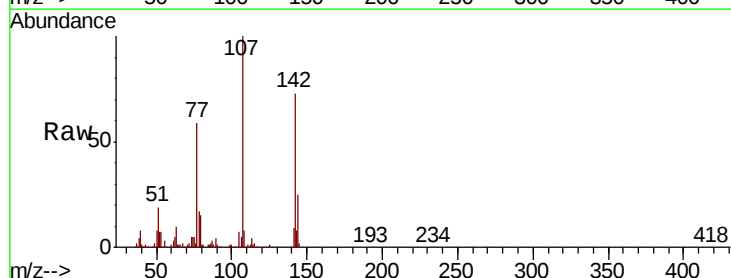
RT: 12.07 min Scan# 1529

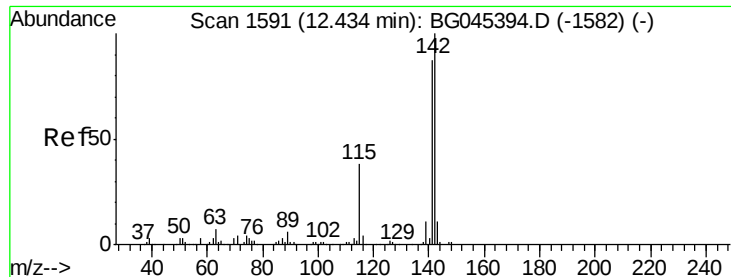
Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Tgt Ion:	107	Resp:	195037
Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.8	31.2
142	72.8	62.8	94.2





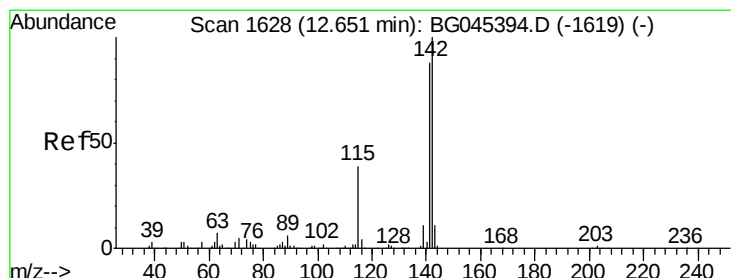
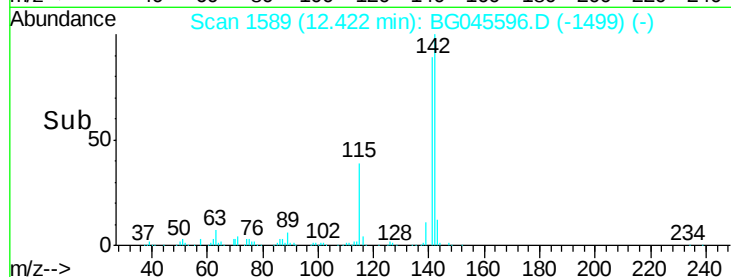
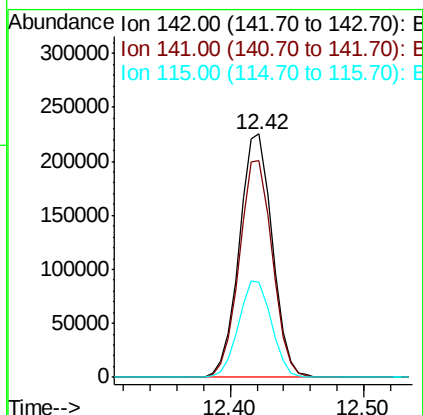
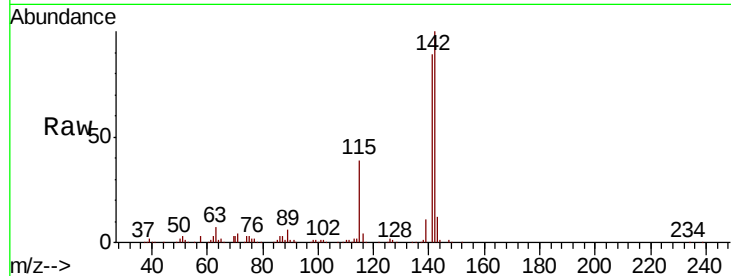
#37
2-Methylnaphthalene
Concen: 49.196 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	385715		
141	88.8	70.0	105.0	
115	39.3	30.8	46.2	

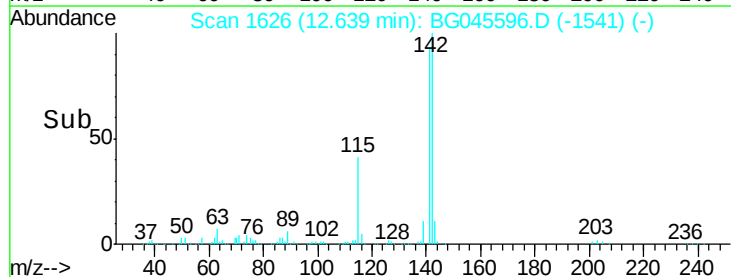
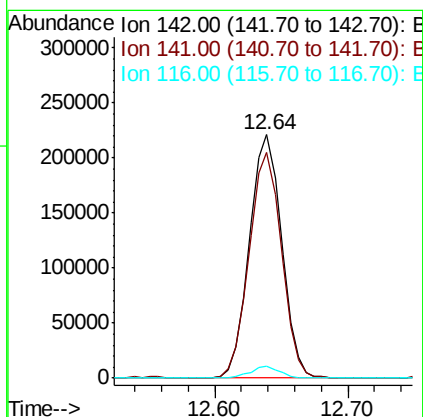
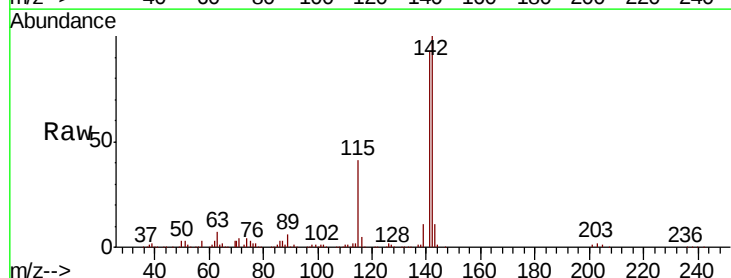
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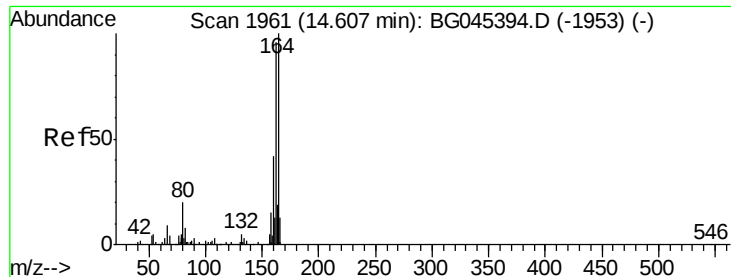
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#38
1-Methylnaphthalene
Concen: 49.849 ng m
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	369189		
141	92.6	70.8	106.2	
116	4.7	3.0	4.6#	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

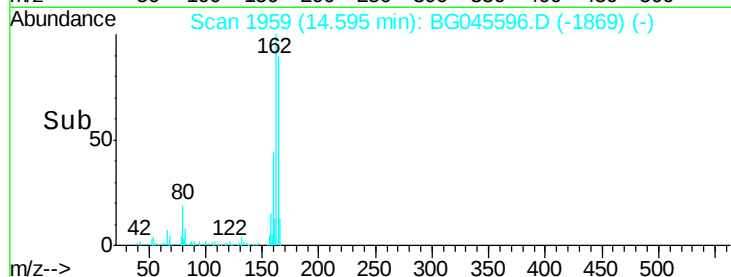
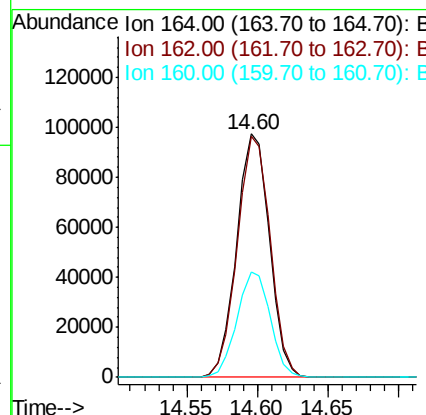
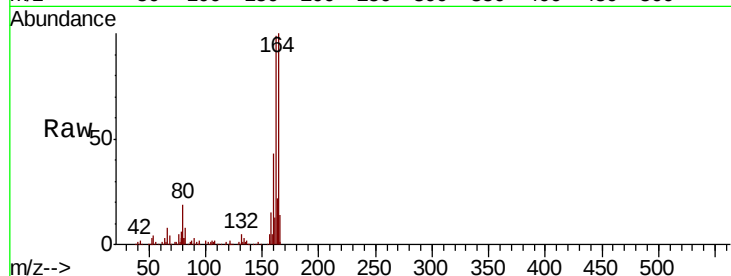
ClientSampleId :

PB129278BS

Tot Ion:	164	Resp:	158251
Ion Ratio	Lower	Upper	
164	100		
162	99.1	76.9	115.3
160	43.5	33.8	50.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.700 ng

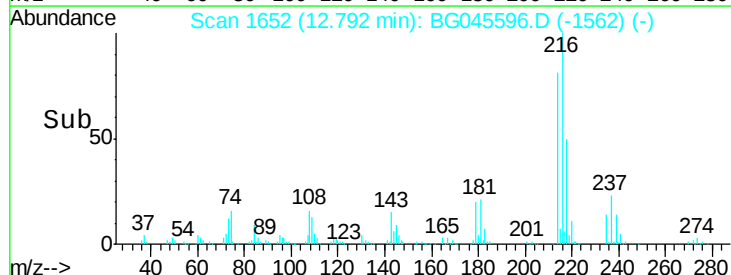
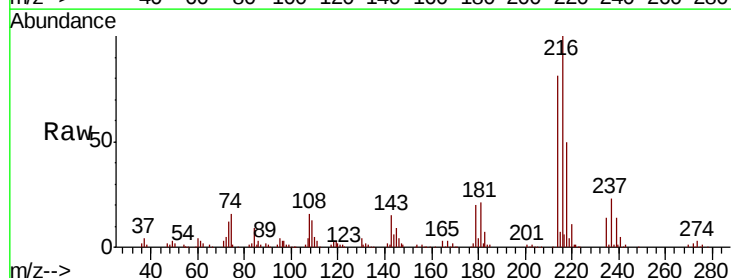
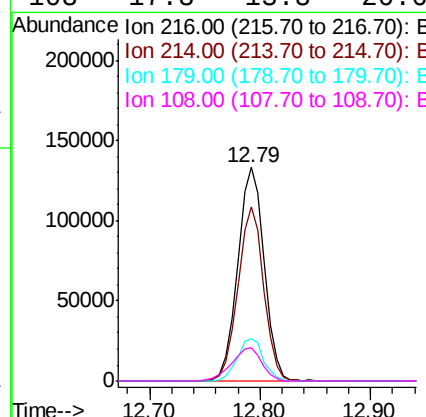
RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Tgt Ion:	216	Resp:	224104
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.7	95.5
179	19.7	16.1	24.1
108	17.8	13.8	20.6





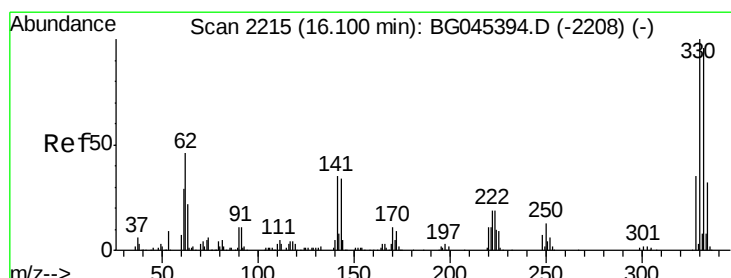
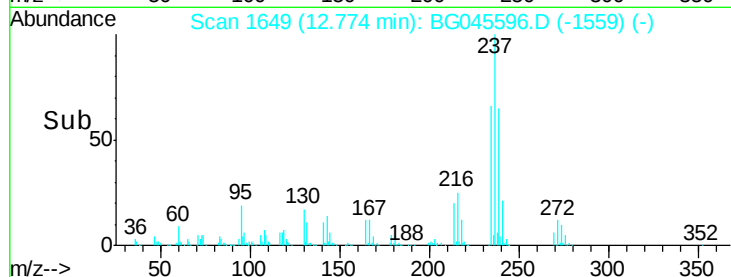
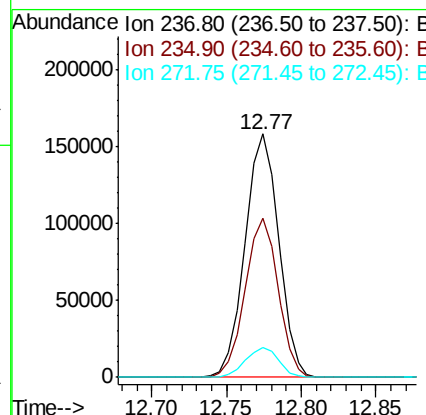
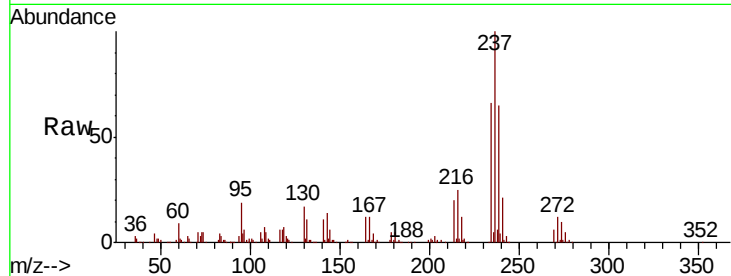
#41
Hexachlorocyclopentadiene
Concen: 96.744 ng
RT: 12.77 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	65.6	44.4	84.4
272	12.3	0.0	32.5

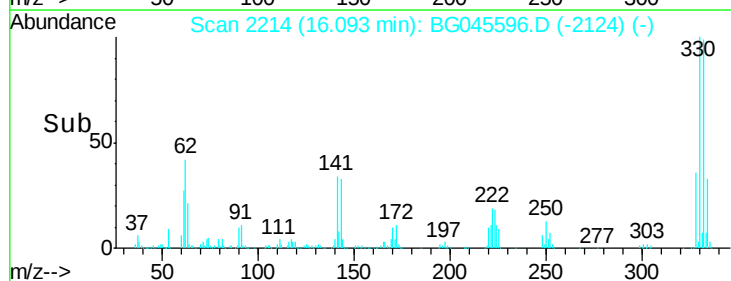
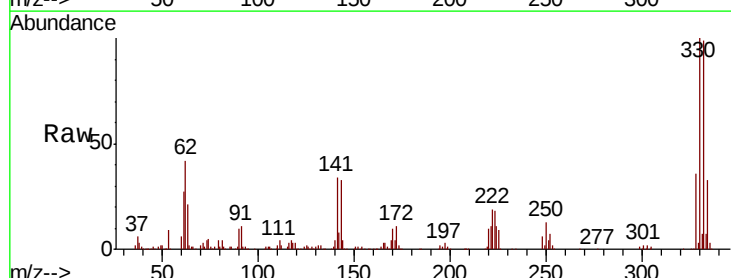
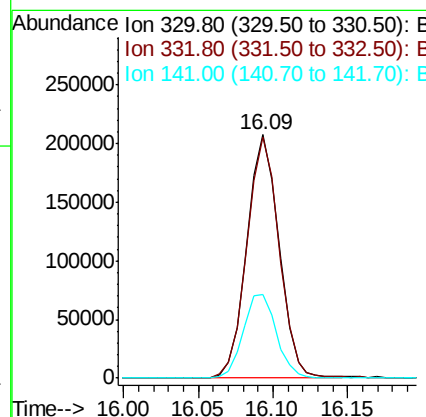
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#42
2,4,6-Tribromophenol
Concen: 153.017 ng
RT: 16.09 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	99.9	78.2	117.4
141	35.9	28.2	42.4





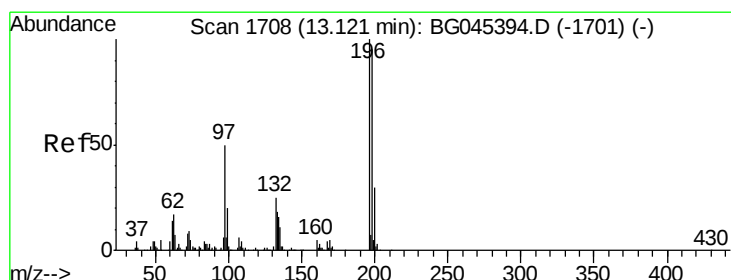
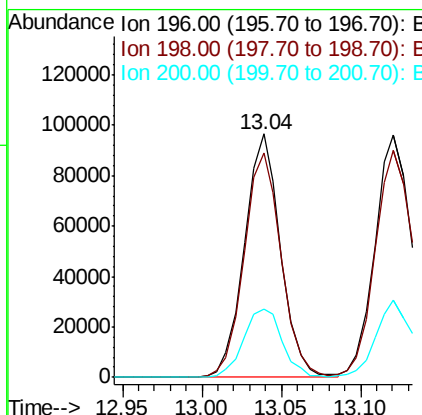
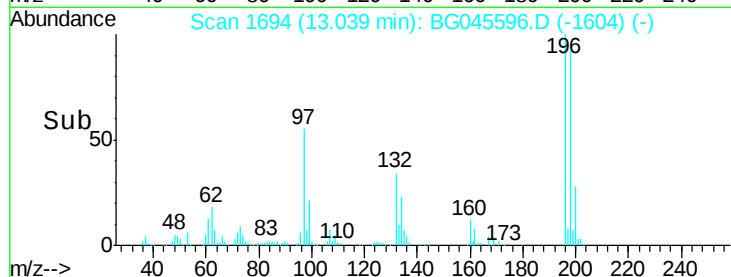
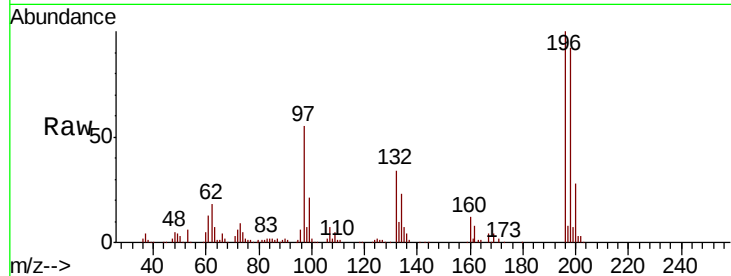
#43
 2,4,6-Trichlorophenol
 Concen: 49.639 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Instrument :
 BNA_G
 ClientSampleId :
 PB129278BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	152419		
198	92.2	76.7	115.1	
200	27.9	24.9	37.3	

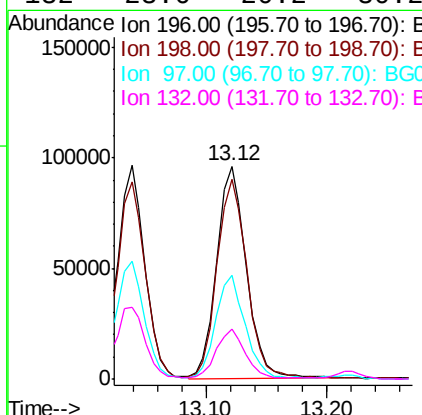
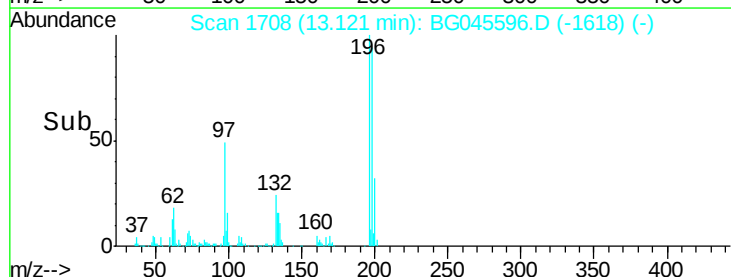
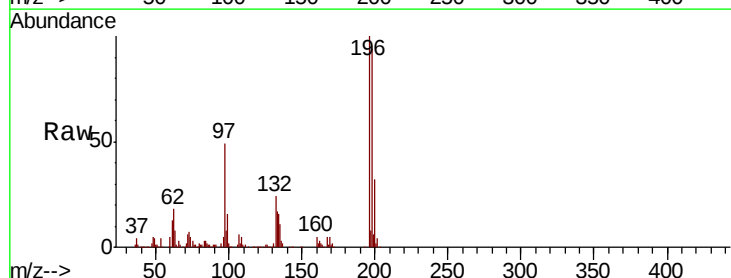
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#44
 2,4,5-Trichlorophenol
 Concen: 46.337 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162587		
198	93.6	76.1	114.1	
97	48.8	40.0	60.0	
132	23.6	20.2	30.2	





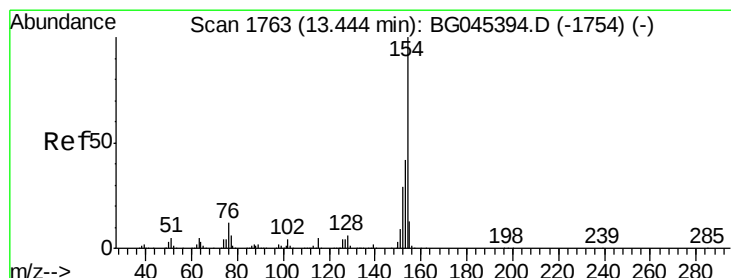
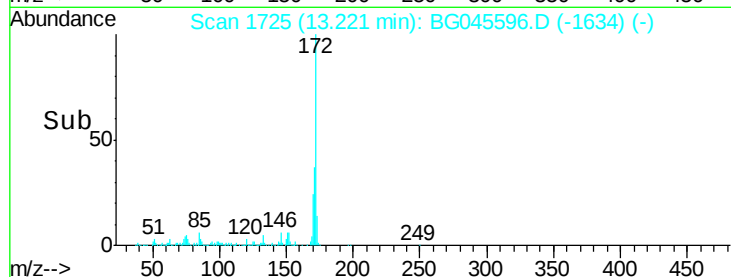
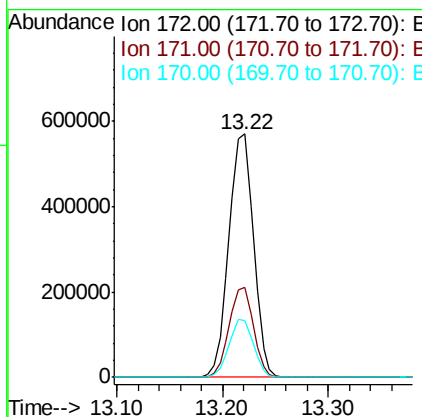
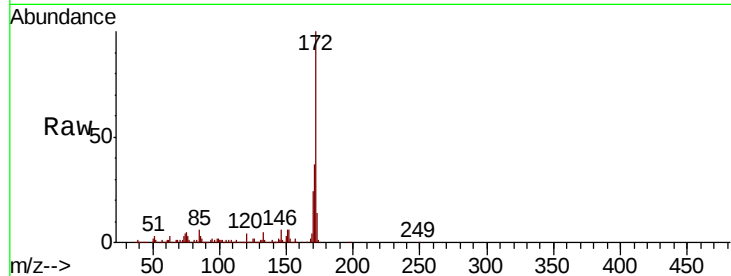
#45
2-Fluorobiphenyl
Concen: 98.466 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.5	44.3
170	23.5	18.5	27.7

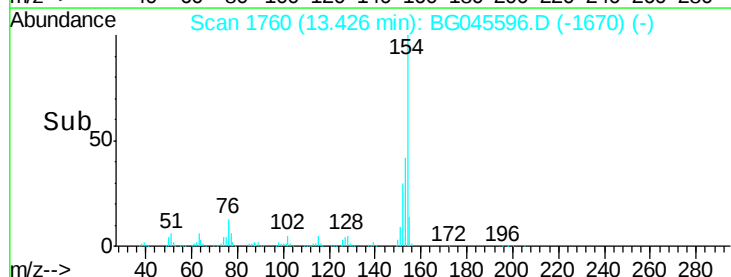
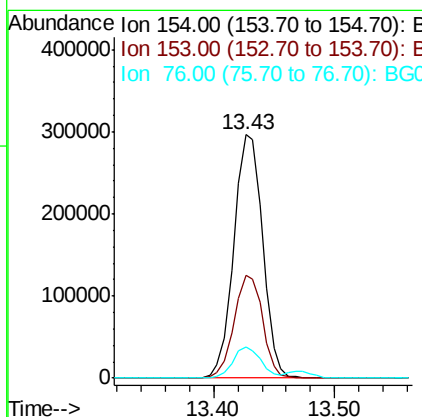
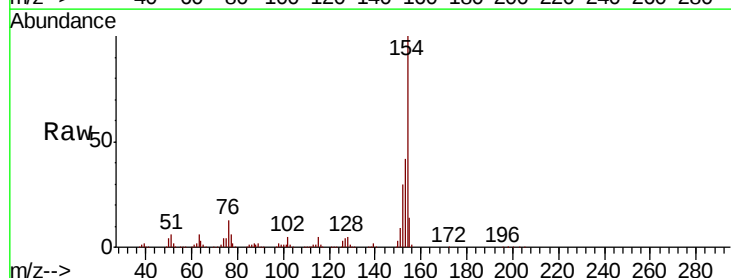
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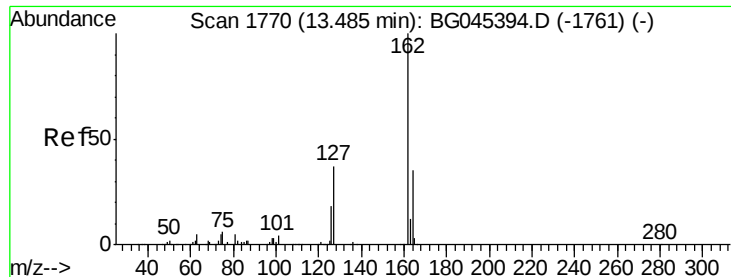
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#46
1,1'-Biphenyl
Concen: 50.763 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.2	62.2
76	12.7	0.0	32.4





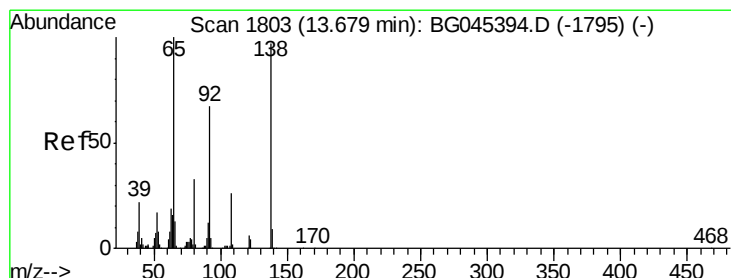
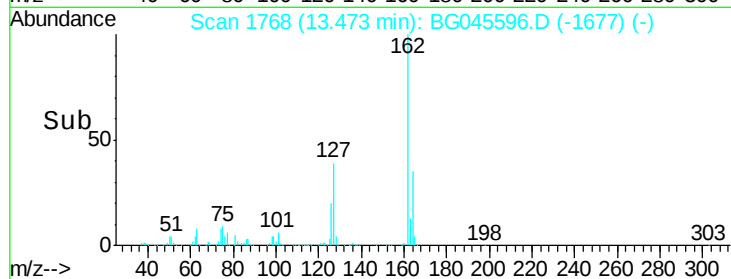
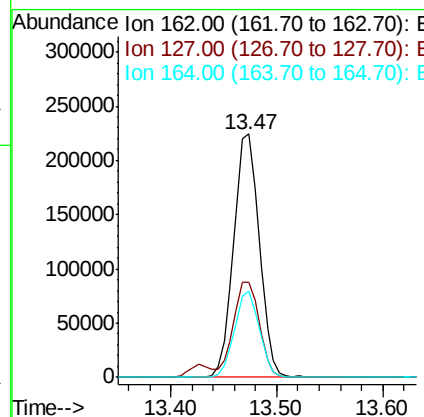
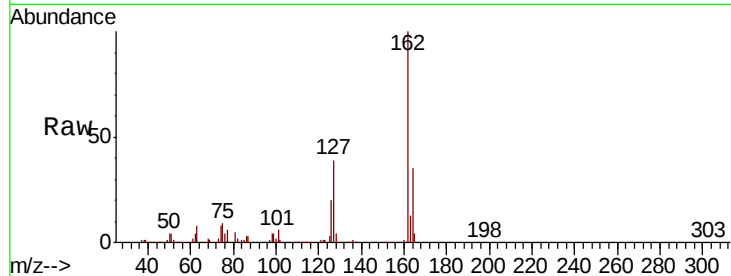
#47
2-Chloronaphthalene
Concen: 47.487 ng
RT: 13.47 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.6	47.4
164	35.2	28.1	42.1

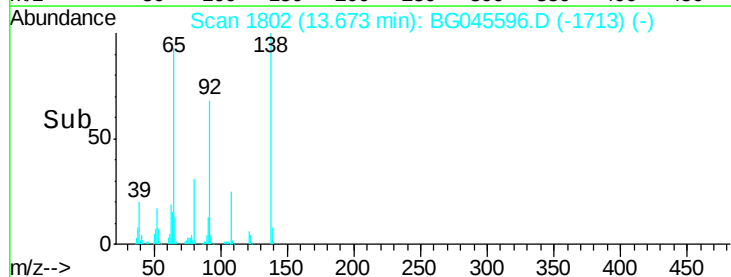
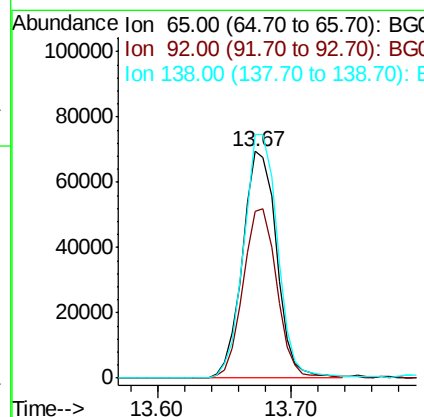
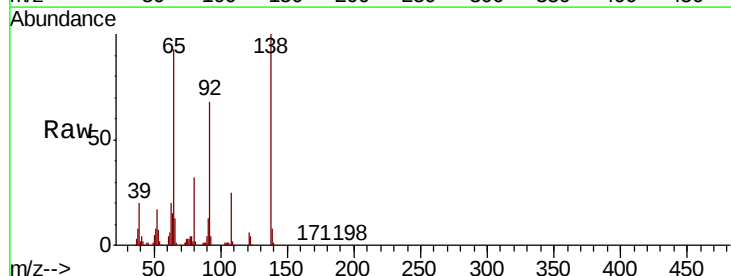
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#48
2-Nitroaniline
Concen: 47.349 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	53.8	80.8
138	107.2	77.9	116.9





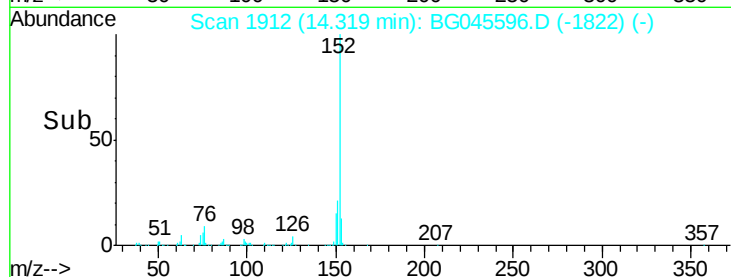
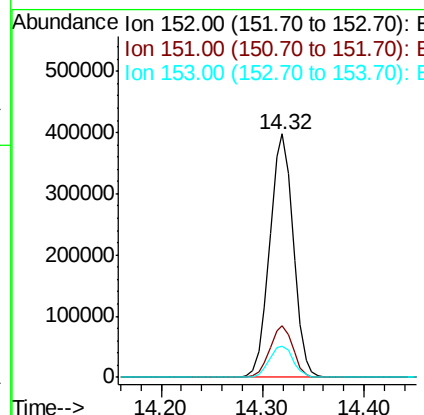
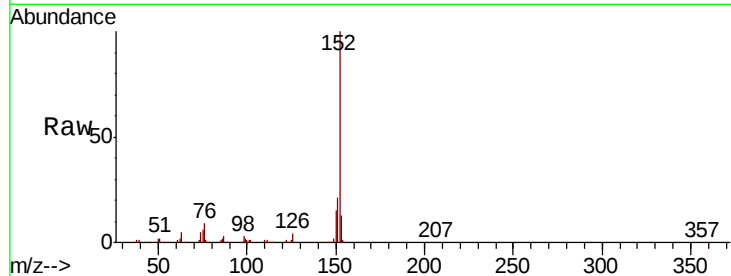
#49
Acenaphthylene
Concen: 50.478 ng
RT: 14.32 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.4	26.2
153	12.9	10.7	16.1

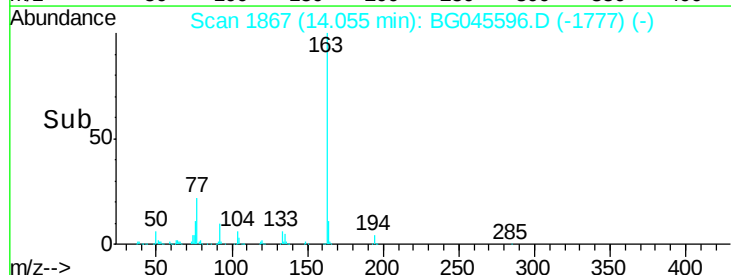
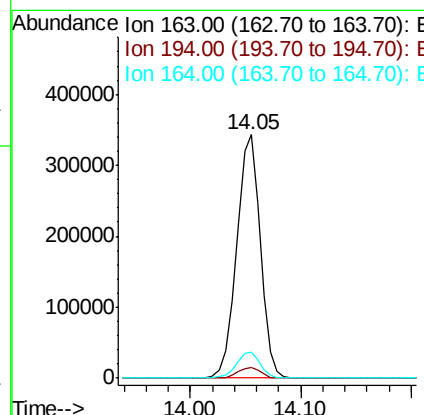
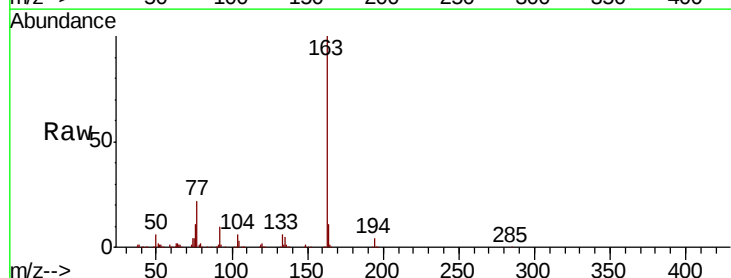
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#50
Dimethylphthalate
Concen: 47.253 ng
RT: 14.05 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	10.6	8.3	12.5





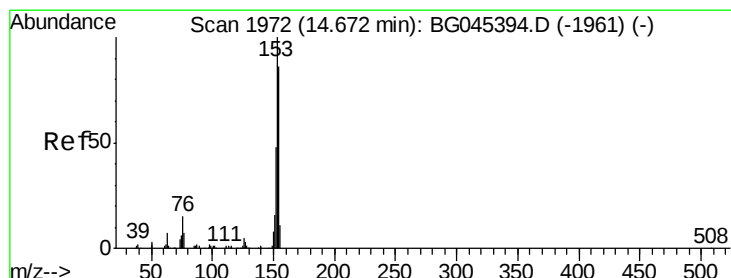
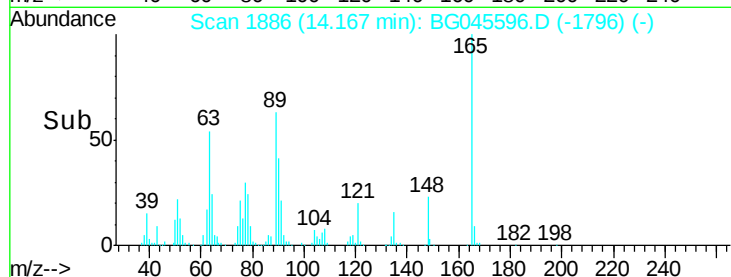
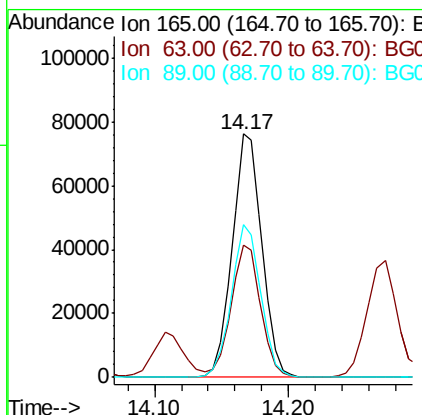
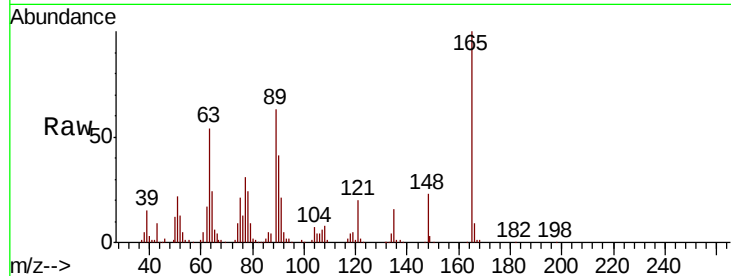
#51
 2,6-Dinitrotoluene
 Concen: 47.869 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Instrument :
 BNA_G
 ClientSampleId :
 PB129278BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	117262		
63	54.5	45.0	67.4	
89	62.5	50.2	75.4	

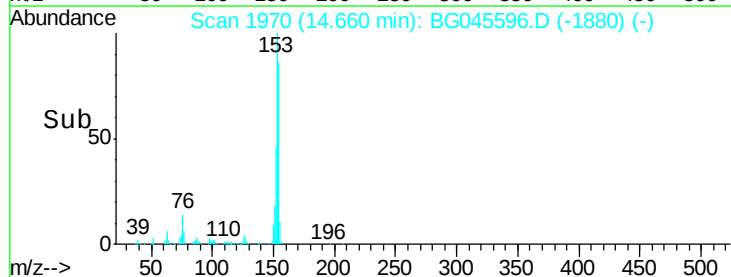
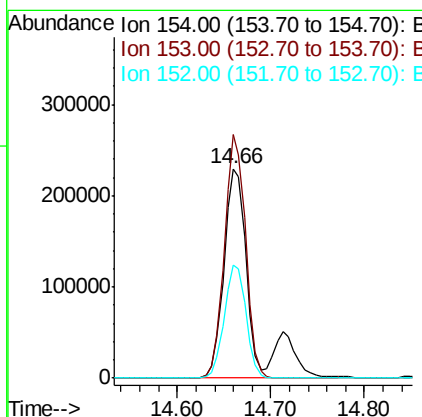
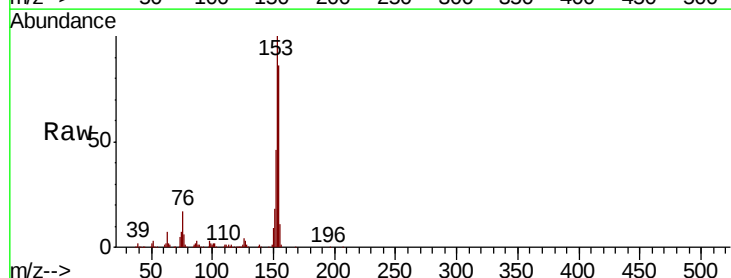
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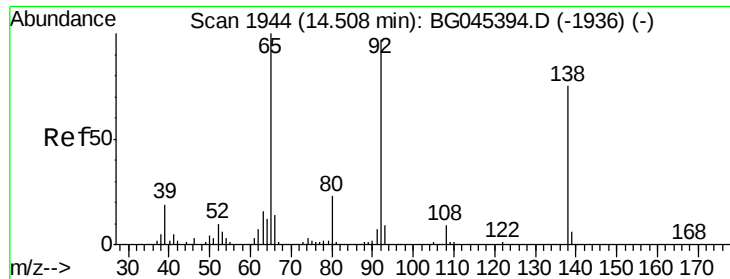
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#52
 Acenaphthene
 Concen: 54.044 ng m
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	458820		
153	116.5	92.8	139.2	
152	54.1	44.6	66.8	





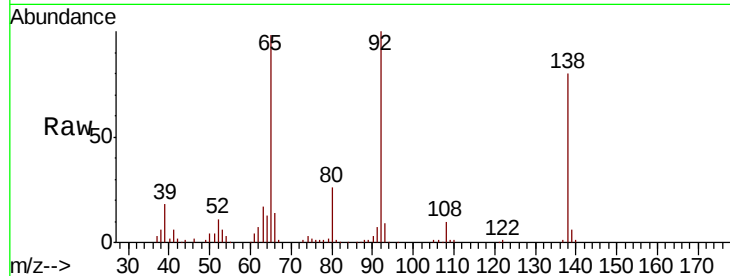
#53
3-Nitroaniline
Concen: 35.657 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

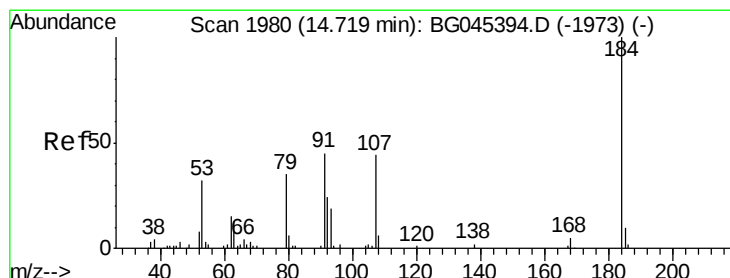
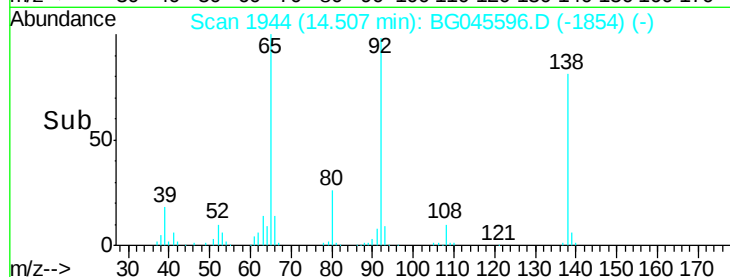
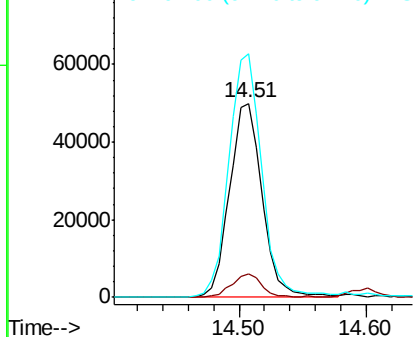
Tot Ion	Ratio	Lower	Upper
138	100		
108	12.1	9.8	14.6
92	125.7	103.0	154.4

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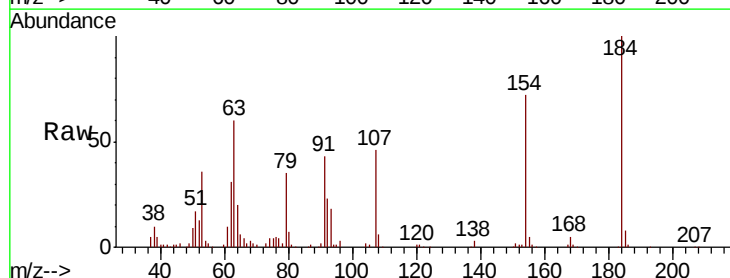


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

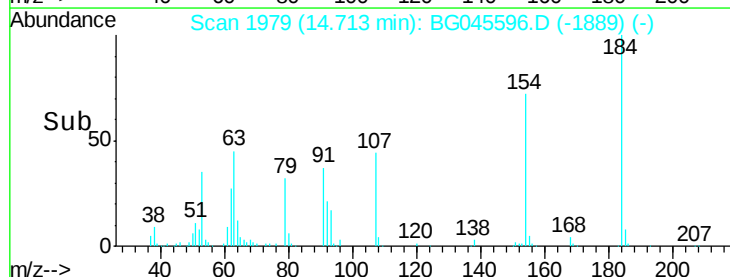
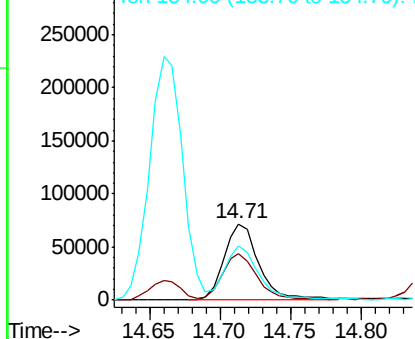


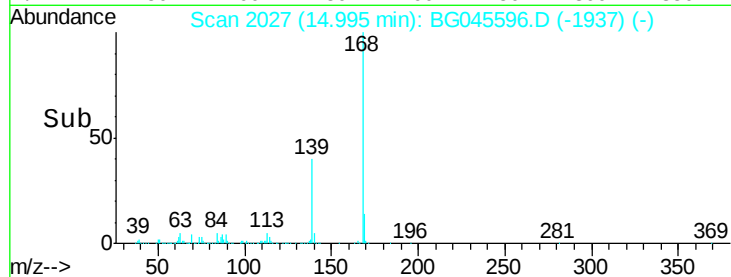
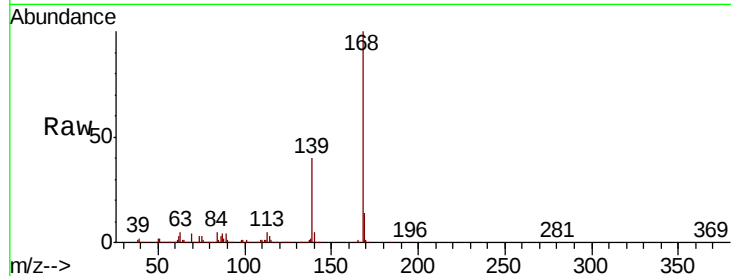
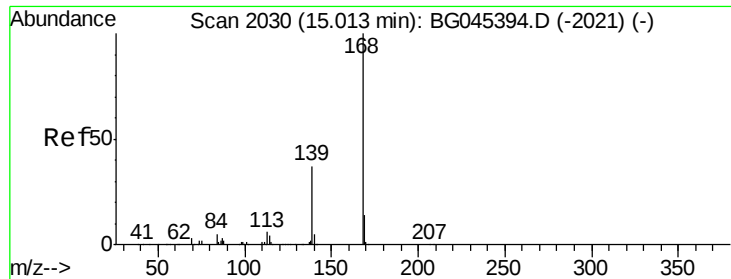
#54
2,4-Dinitrophenol
Concen: 77.466 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.5	47.8	71.6
154	71.7	58.3	87.5



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





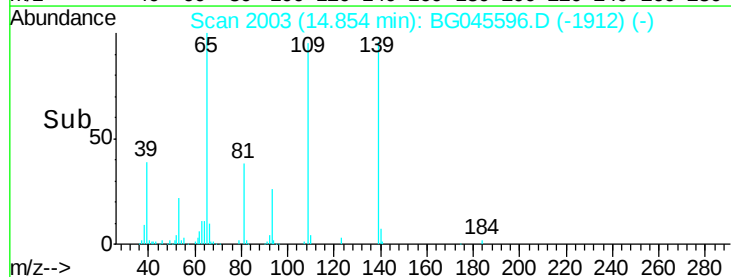
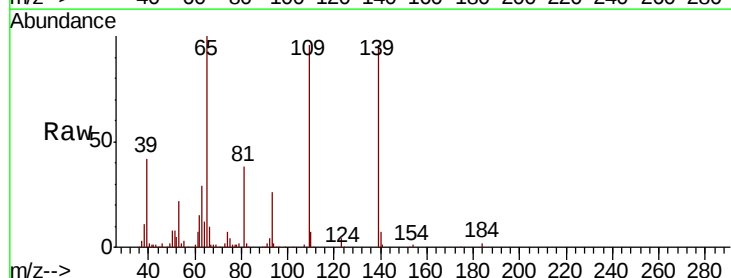
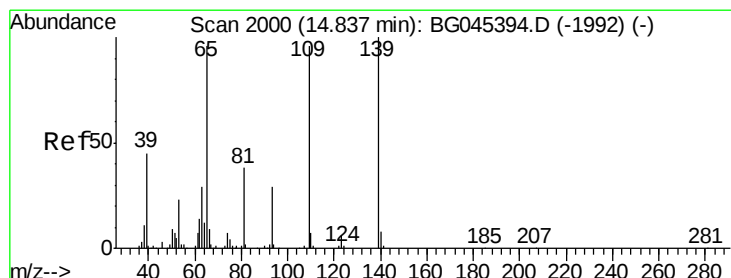
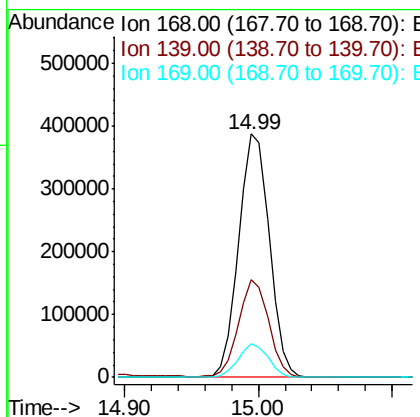
#55
Dibenzofuran
Concen: 48.990 ng
RT: 14.99 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tot Ion	Ratio	Resp	Lower	Upper
168	100	617641		
139	40.0	29.9	44.9	
169	13.6	10.9	16.3	

Instrument :
BNA_G
ClientSampleId :
PB129278BS

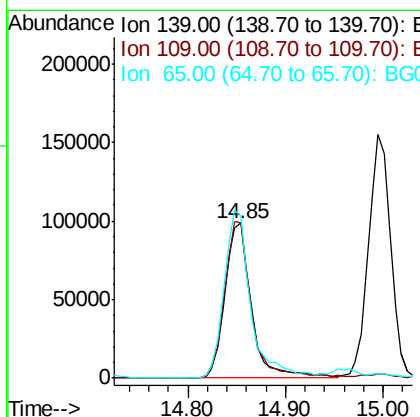
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#56
4-Nitrophenol
Concen: 99.422 ng
RT: 14.85 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	187440		
109	100.3	75.6	115.6	
65	104.2	76.8	116.8	





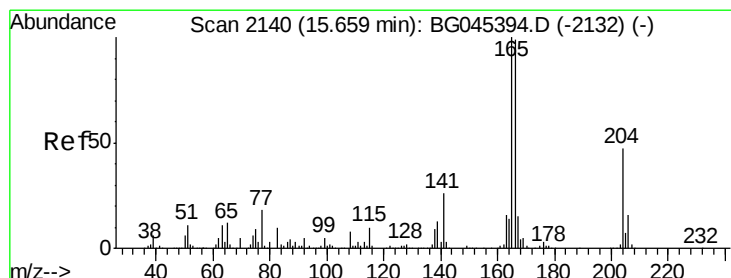
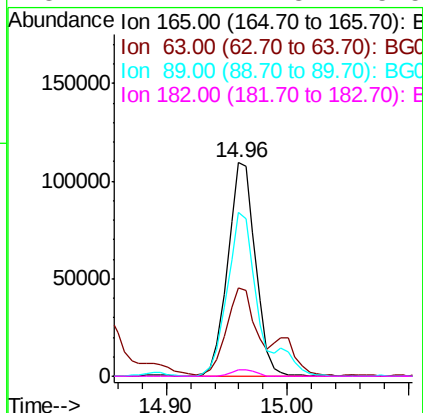
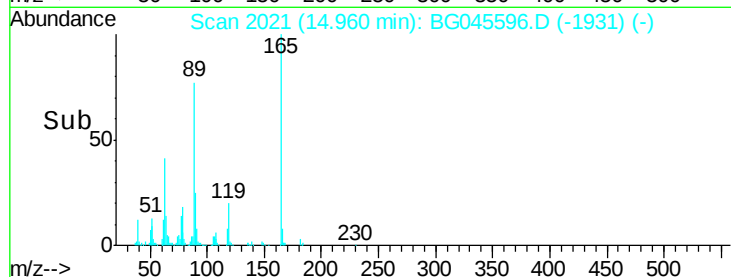
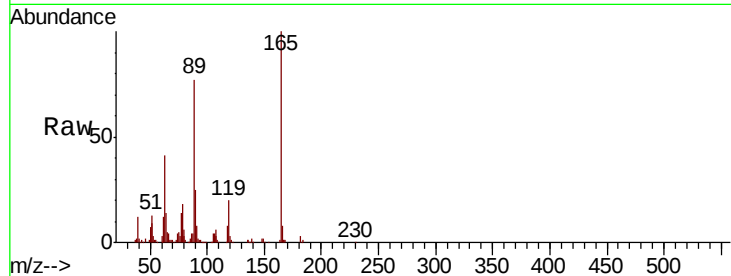
#57
2,4-Dinitrotoluene
Concen: 49.224 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		174635		
63	41.1	32.5	48.7		
89	76.7	61.8	92.6		
182	2.7	2.3	3.5		

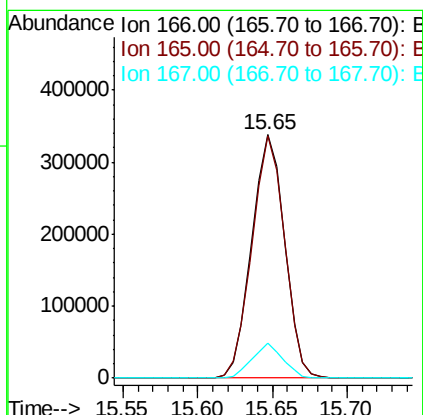
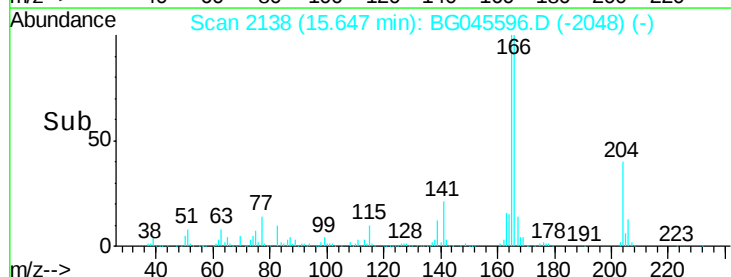
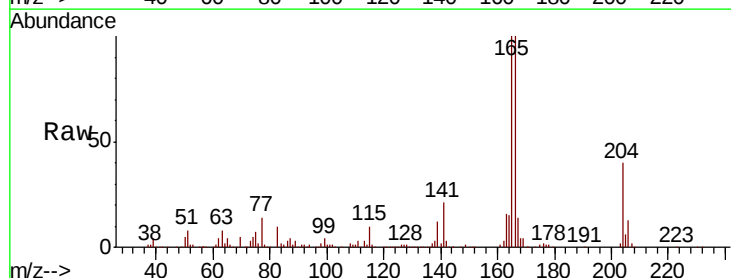
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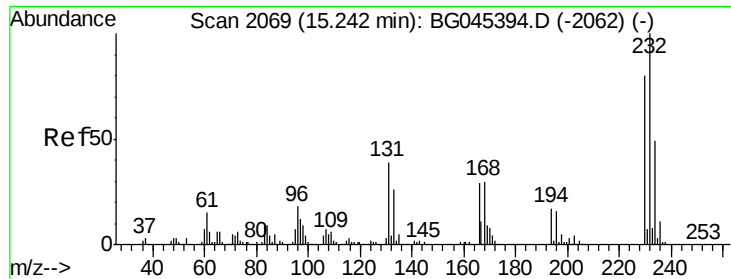
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#58
Fluorene
Concen: 49.620 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		513950		
165	99.5	80.8	121.2		
167	14.1	12.0	18.0		





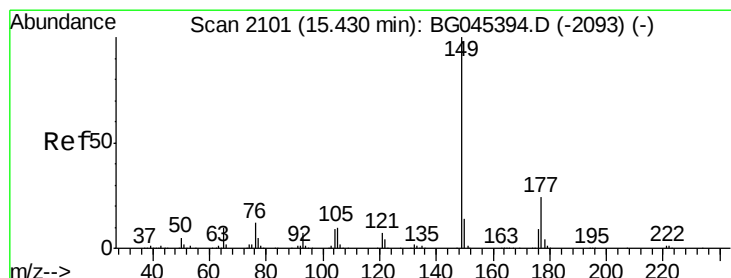
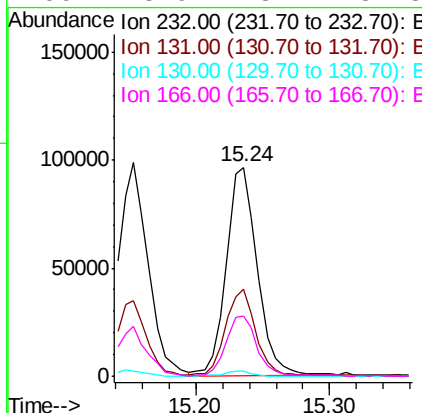
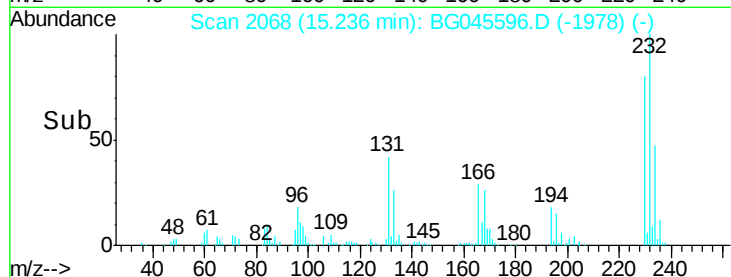
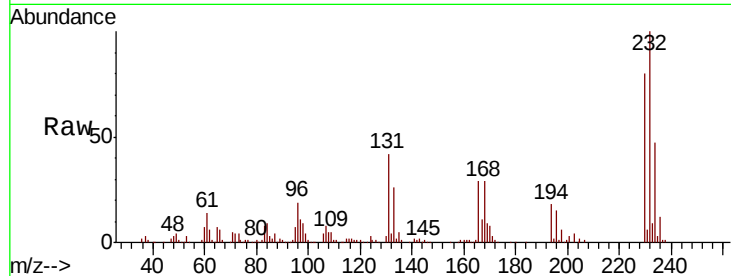
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.620 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Instrument :
 BNA_G
 ClientSampleId :
 PB129278BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.5	33.7	50.5
130	2.3	2.1	3.1
166	28.9	23.2	34.8

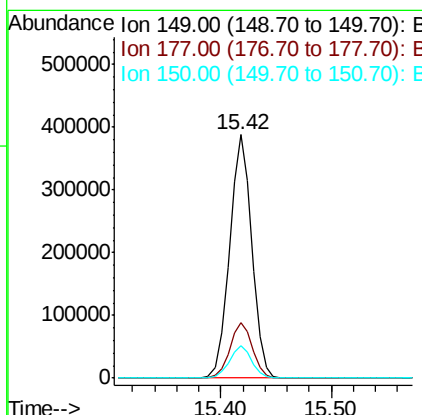
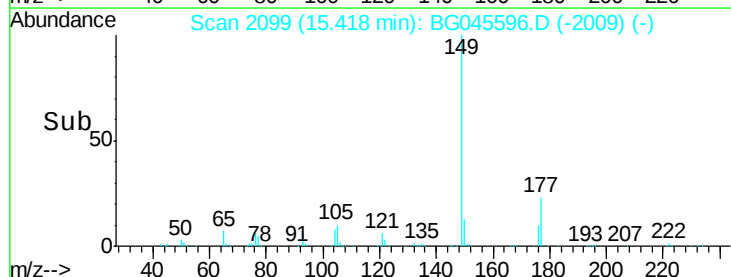
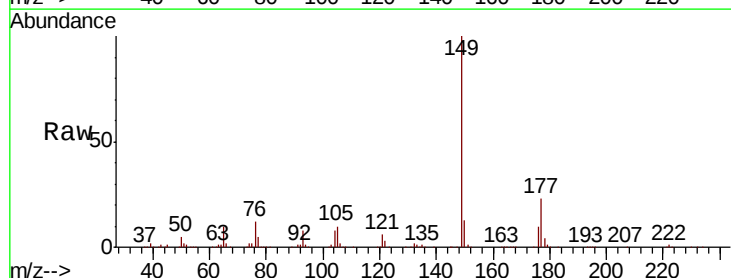
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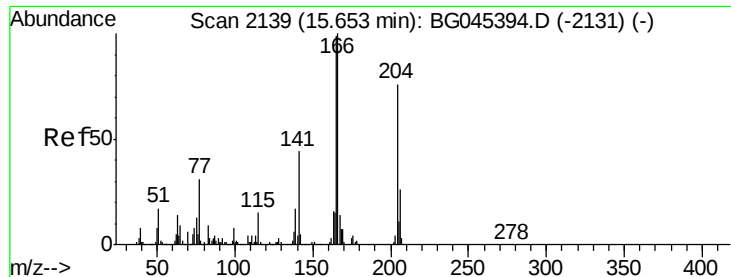
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#60
 Diethylphthalate
 Concen: 48.123 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.0	28.4
150	13.3	11.4	17.0





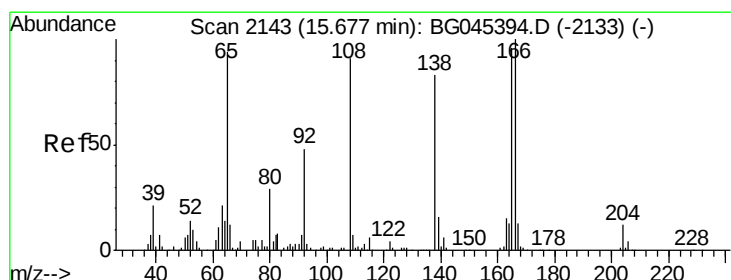
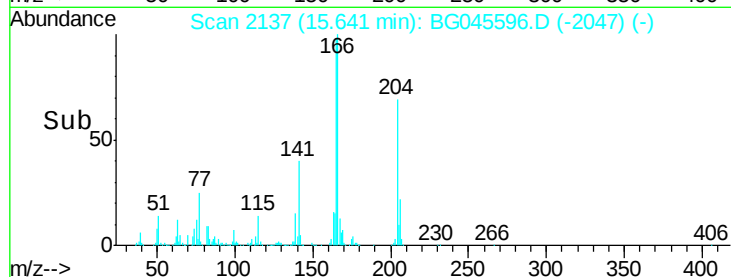
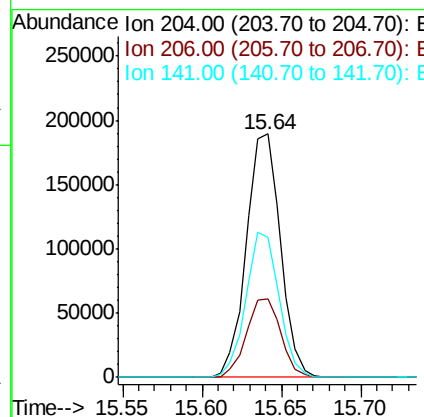
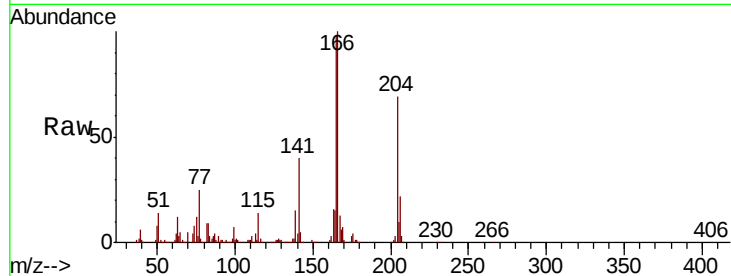
#61
4-Chlorophenyl-phenylether
Concen: 47.786 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	283229		
206	32.4		27.3	40.9
141	57.2		45.9	68.9

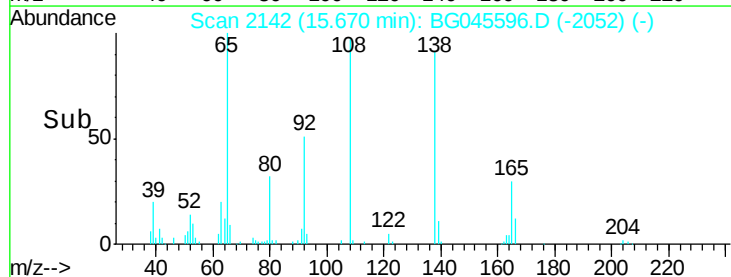
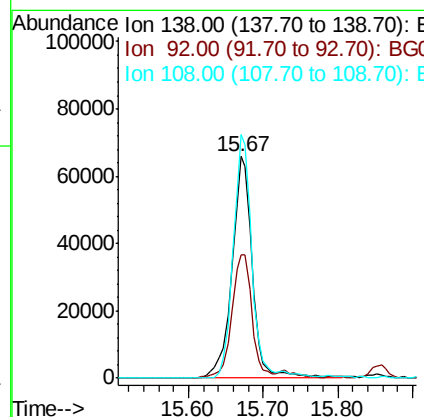
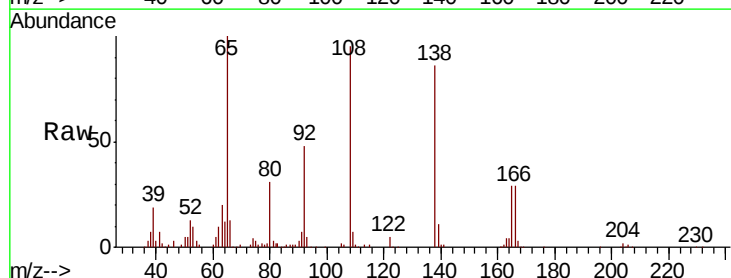
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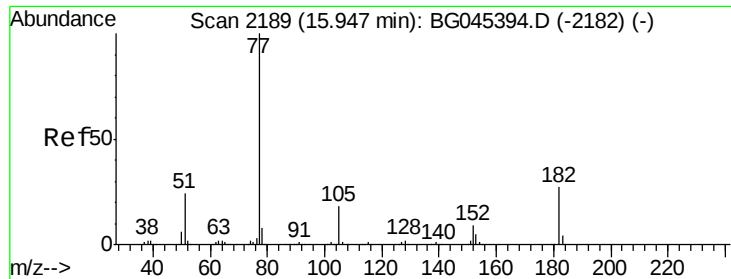
mohammad
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#62
4-Nitroaniline
Concen: 48.361 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	125722		
92	55.9		38.0	78.0
108	109.9		89.3	129.3





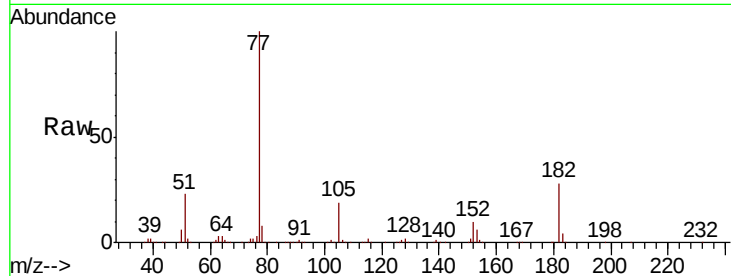
#63
Azobenzene
Concen: 49.956 ng
RT: 15.93 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

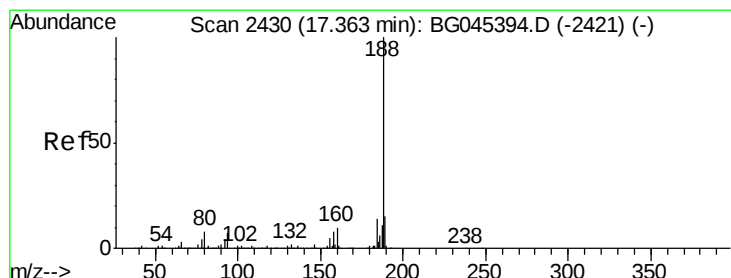
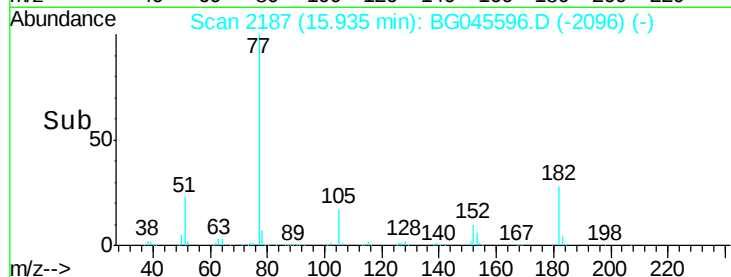
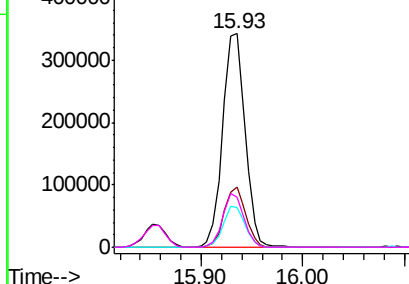
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.1	6.5	46.5		
105	18.7	0.0	37.9		
51	23.4	4.1	44.1		

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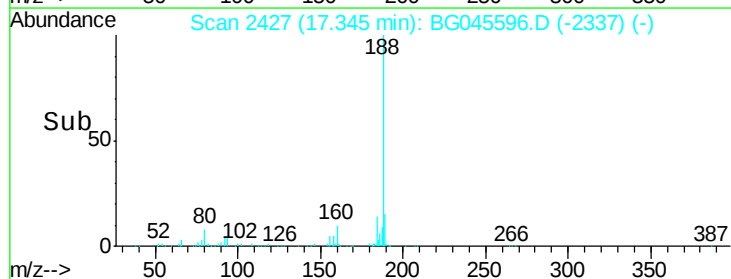
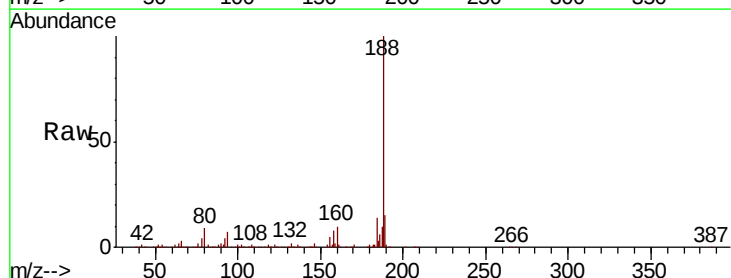
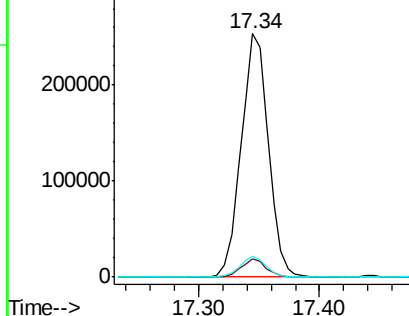
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

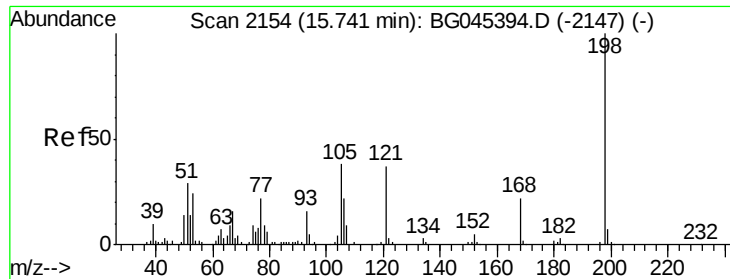


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.3	5.5	8.3		
80	8.6	6.6	10.0		

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





#65

4,6-Dinitro-2-methylphenol

Concen: 45.347 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

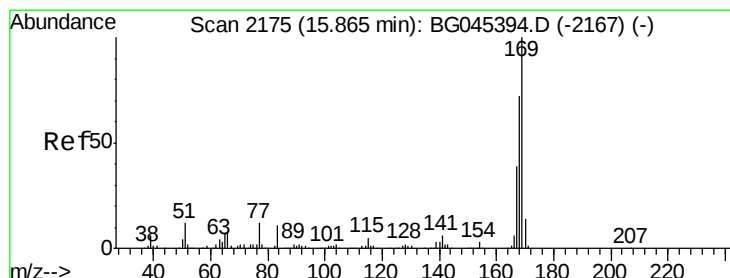
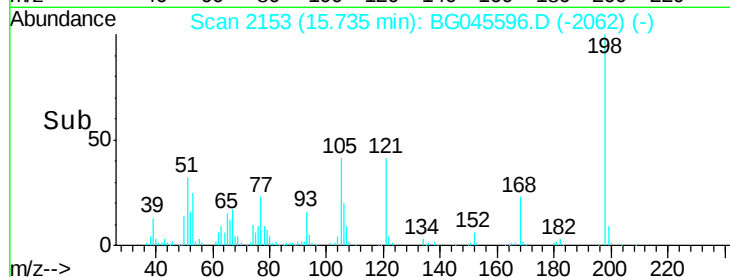
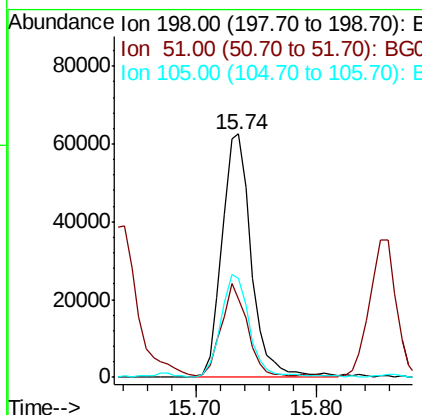
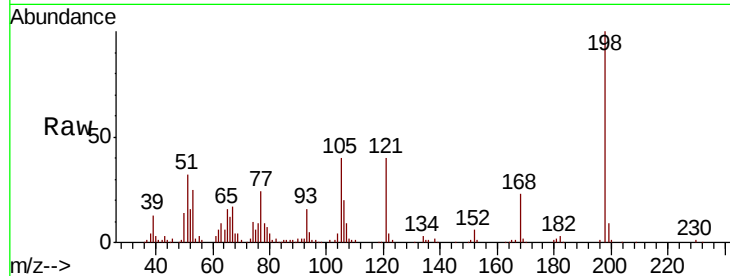
ClientSampleId :

PB129278BS

Tot Ion:	198	Resp:	105250
Ion Ratio	Lower	Upper	
198	100		
51	32.3	10.0	50.0
105	40.5	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 48.476 ng

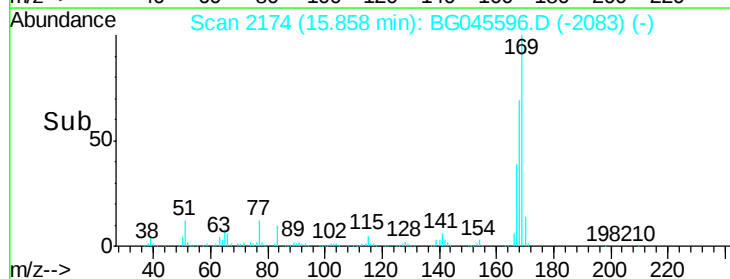
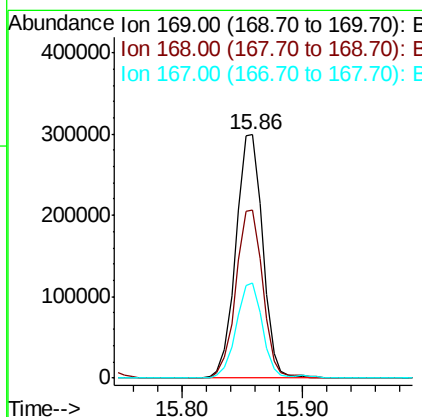
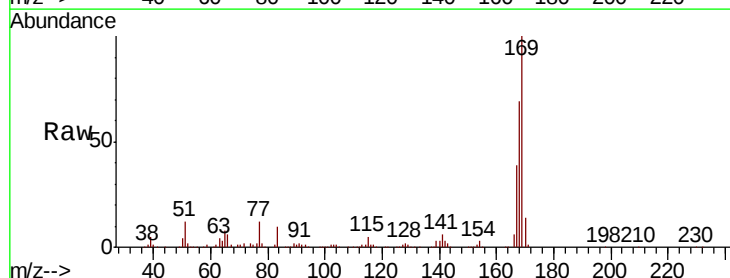
RT: 15.86 min Scan# 2174

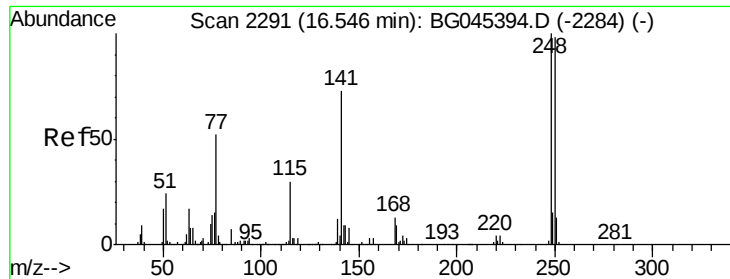
Delta R.T. 0.01 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Tgt Ion:	169	Resp:	463846
Ion Ratio	Lower	Upper	
169	100		
168	69.1	57.8	86.6
167	38.9	31.5	47.3





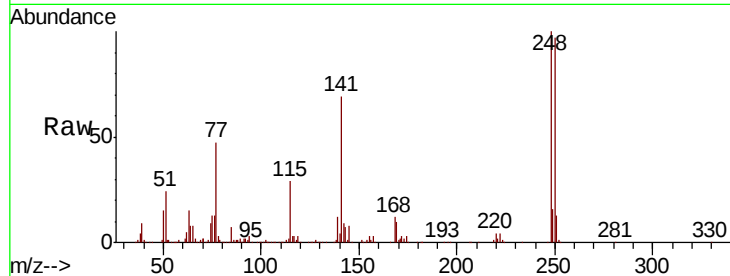
#67
4-Bromophenyl-phenylether
Concen: 46.448 ng
RT: 16.53 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.6	117.8
141	69.4	58.2	87.2

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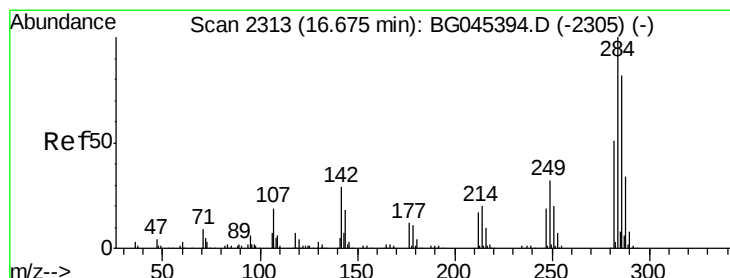
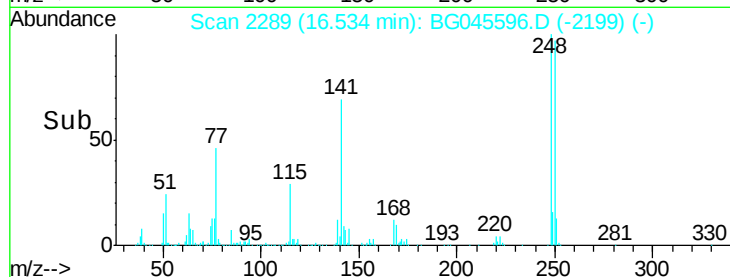
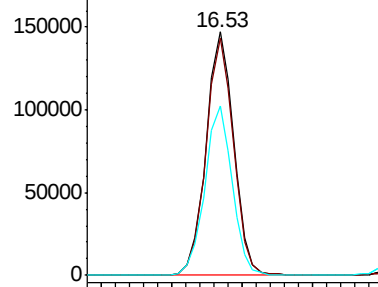


Abundance

Ion 248.00 (247.70 to 248.70): E

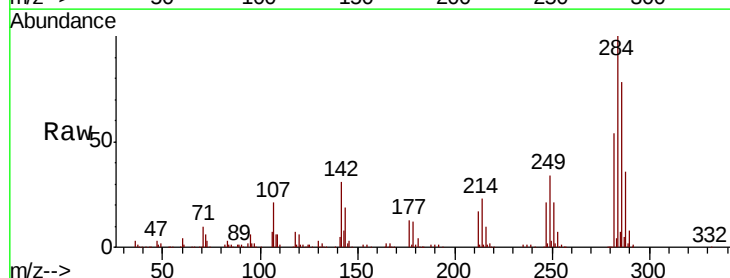
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 48.994 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	23.0	34.6
249	34.1	25.8	38.6

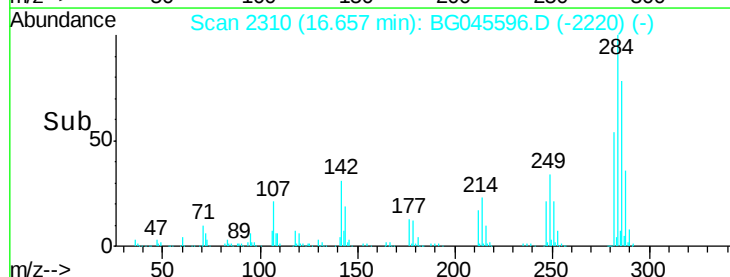
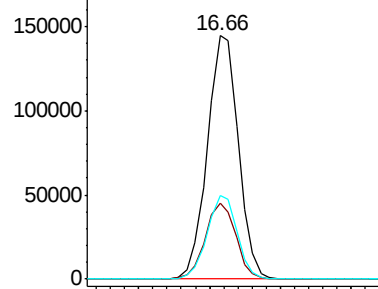


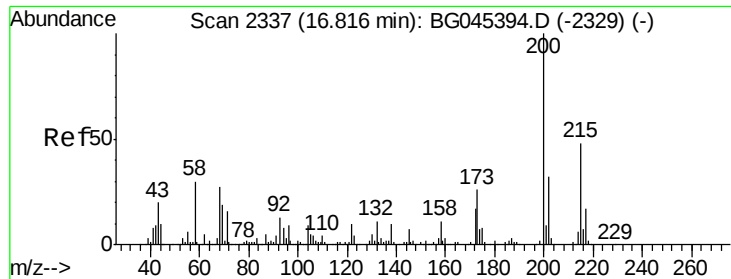
Abundance

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





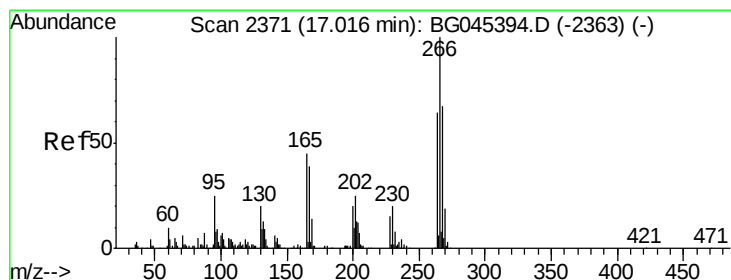
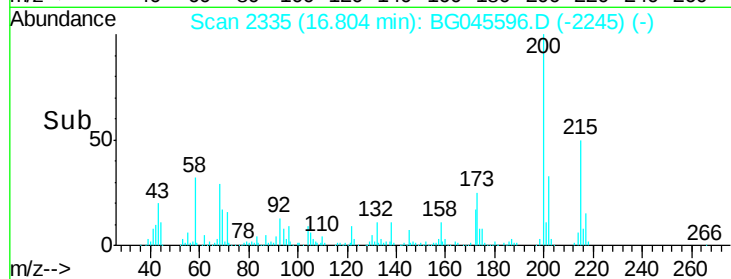
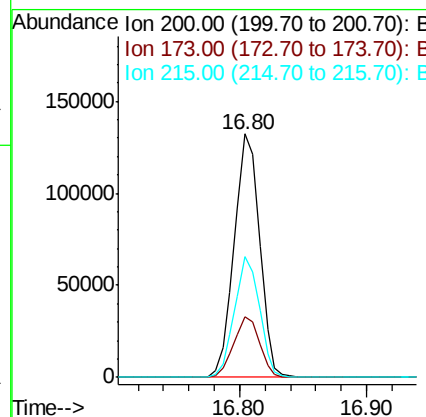
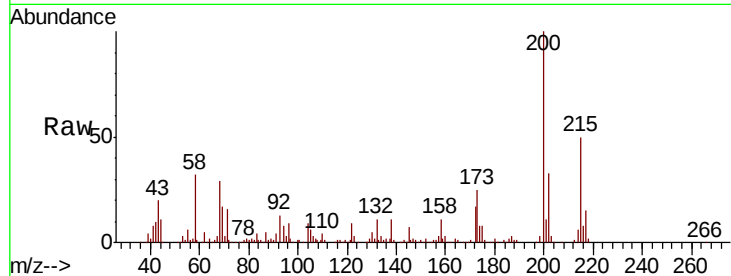
#69
Atrazine
Concen: 46.369 ng
RT: 16.80 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	182749		
173	24.8	5.5	45.5	
215	49.7	28.2	68.2	

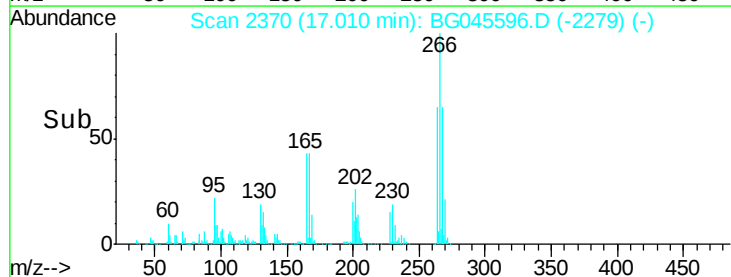
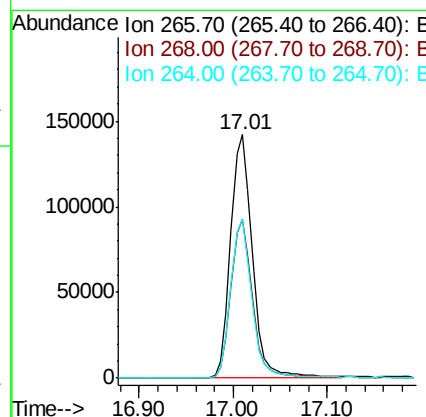
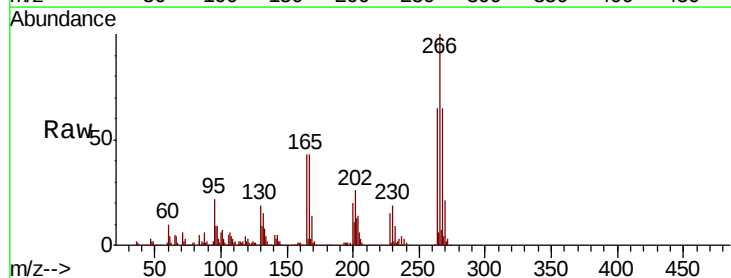
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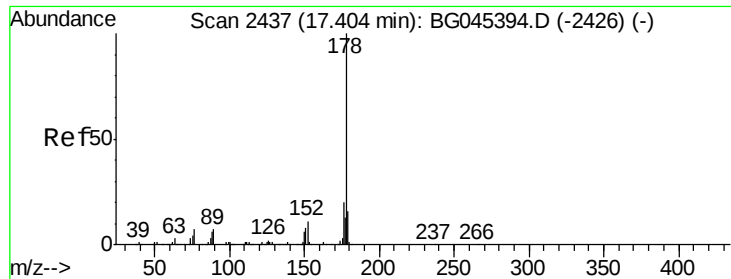
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#70
Pentachlorophenol
Concen: 98.329 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	230444		
268	65.4	53.2	79.8	
264	65.4	51.0	76.4	





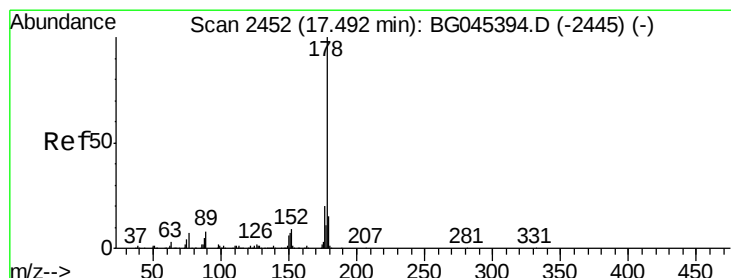
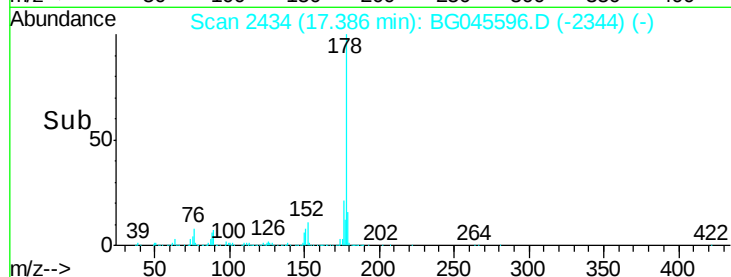
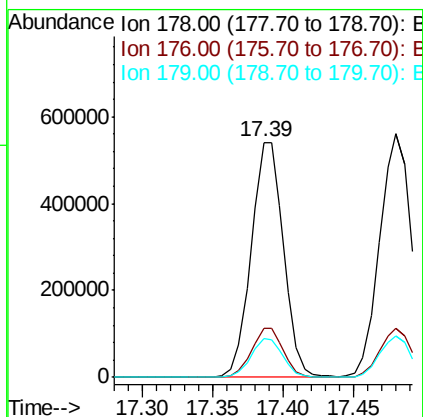
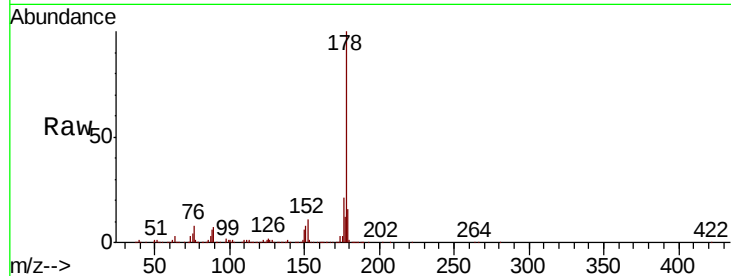
#71
Phenanthrene
Concen: 49.890 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.4	13.1	19.7

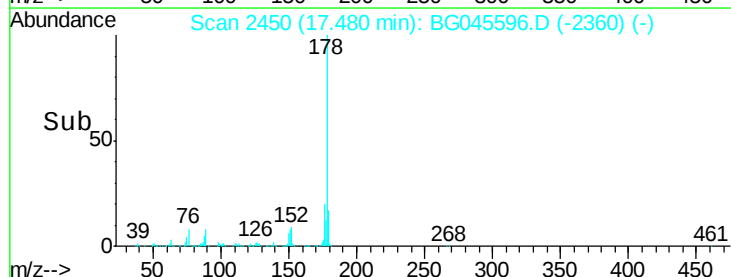
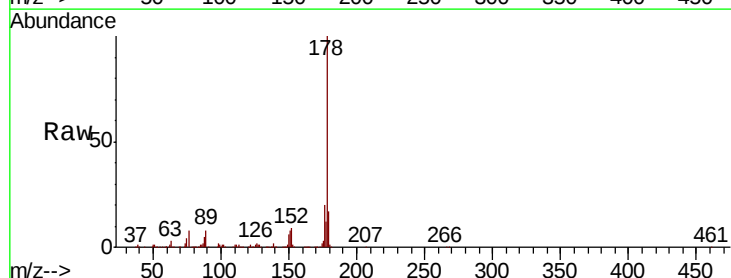
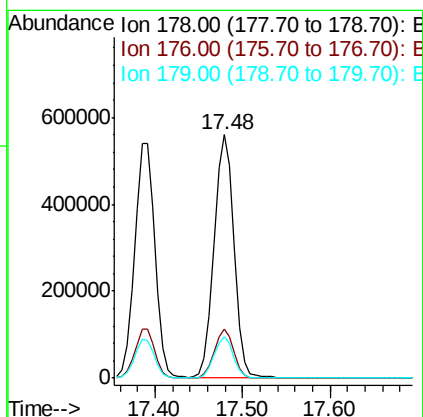
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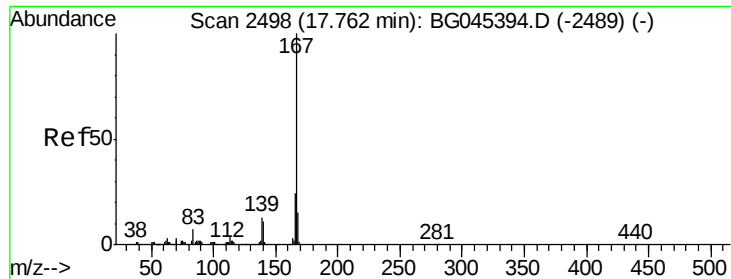
mohammad
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#72
Anthracene
Concen: 50.794 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	17.2	12.2	18.4





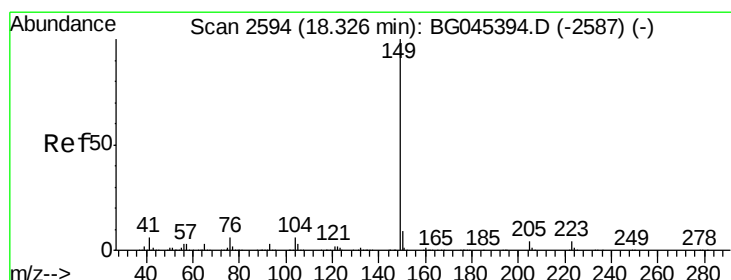
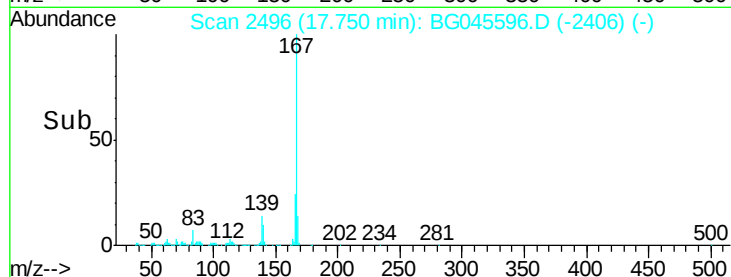
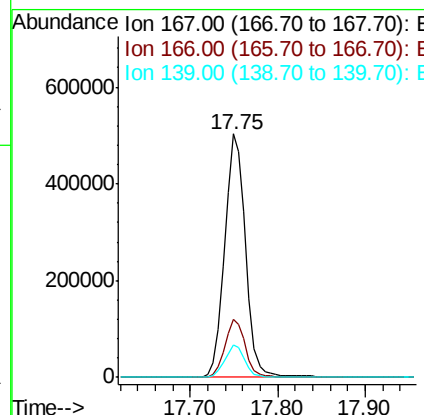
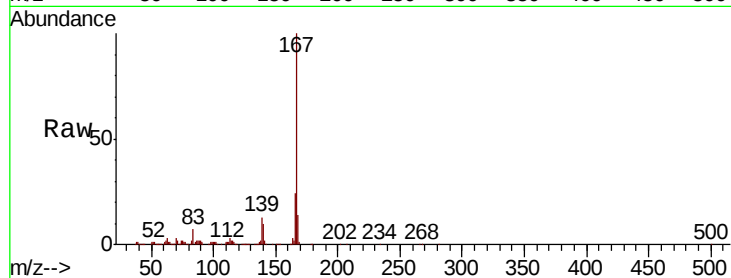
#73
 Carbazole
 Concen: 48.714 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Instrument :
 BNA_G
 ClientSampleId :
 PB129278BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.2	28.8
139	13.5	10.6	16.0

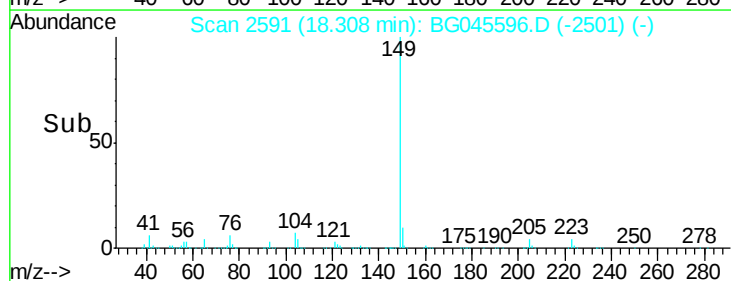
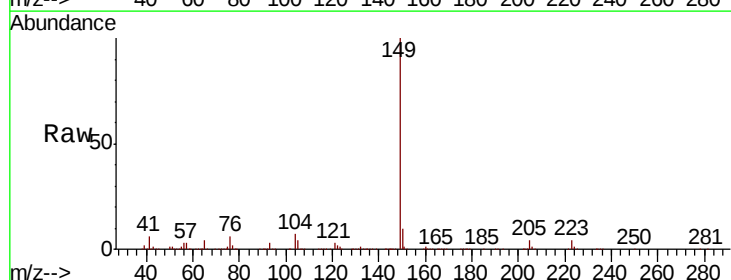
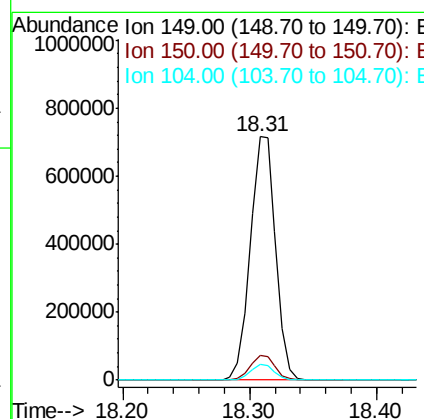
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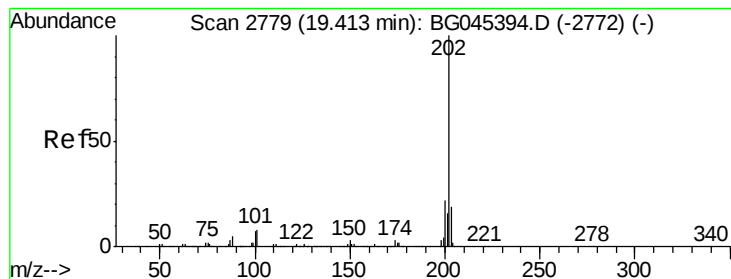
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#74
 Di-n-butylphthalate
 Concen: 48.470 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.6	11.4
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 50.224 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

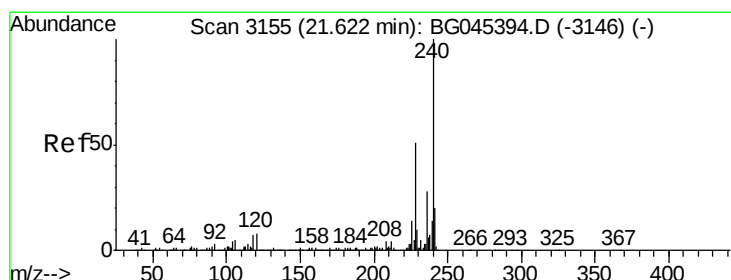
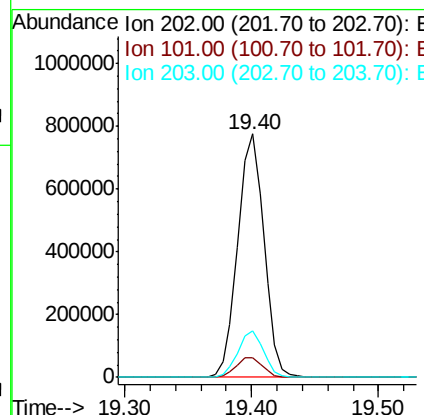
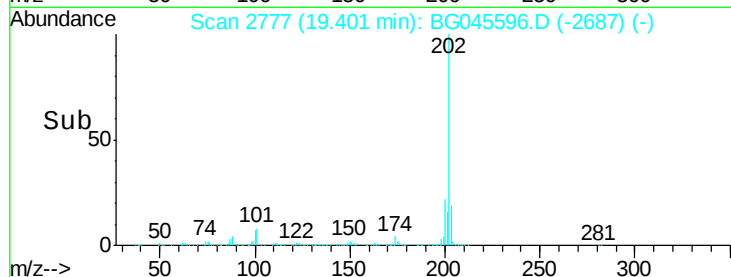
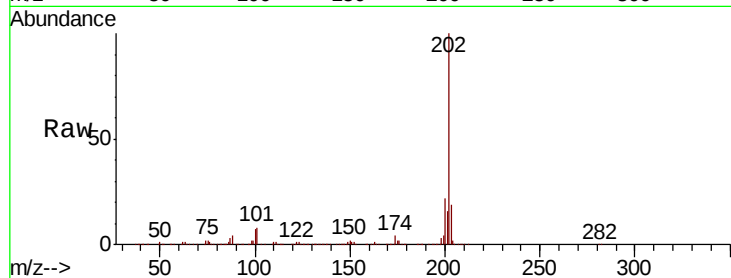
ClientSampled :

PB129278BS

Tot Ion:	202	Resp:	1111414
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	28.3
203	19.1	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

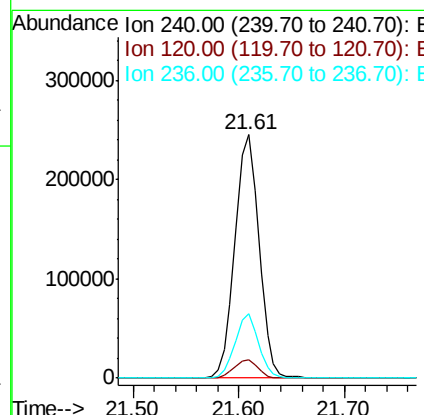
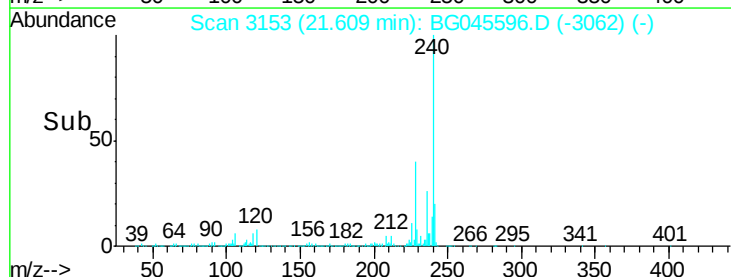
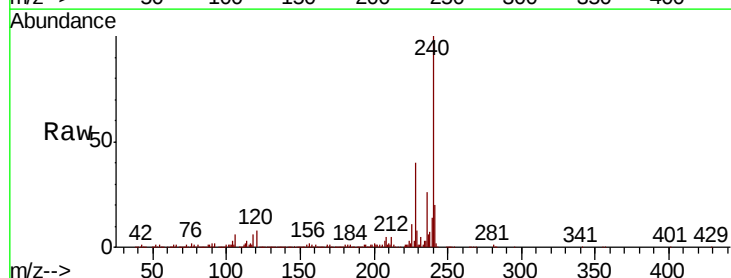
RT: 21.61 min Scan# 3153

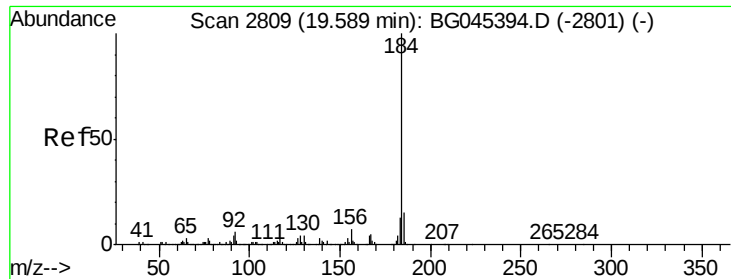
Delta R.T. 0.01 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Tgt Ion:	240	Resp:	386943
Ion Ratio	Lower	Upper	
240	100		
120	7.7	6.1	9.1
236	26.3	22.3	33.5





#77

Benzidine

Concen: 47.734 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

PB129278BS

Tot Ion:184 Resp: 518745

Ion Ratio Lower Upper

184 100

185 15.6 11.7 17.5

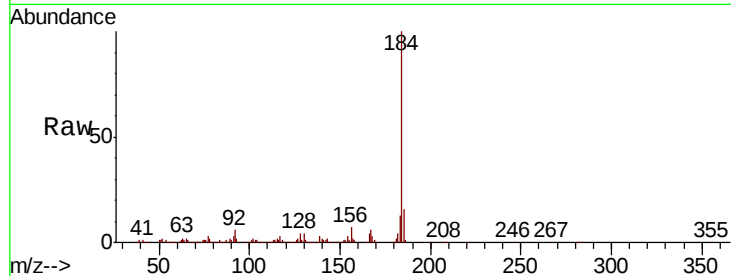
183 12.5 10.2 15.4

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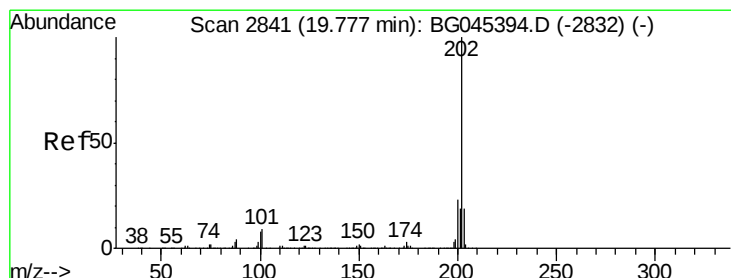
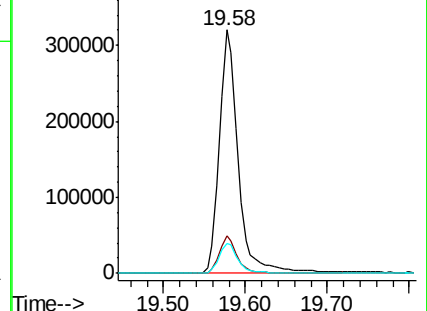
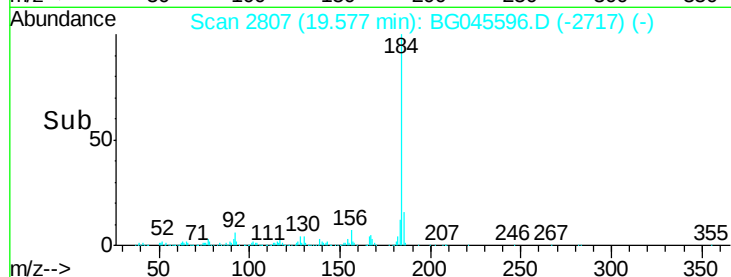
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.947 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

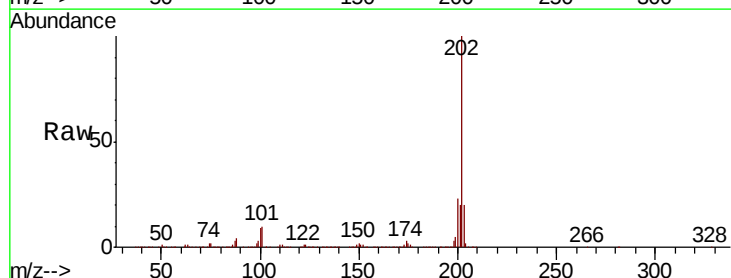
Tgt Ion:202 Resp: 1101699

Ion Ratio Lower Upper

202 100

200 22.9 18.2 27.2

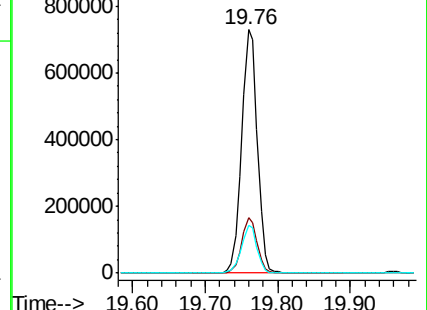
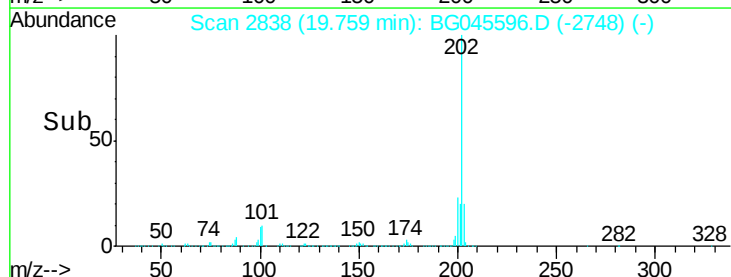
203 19.8 15.1 22.7

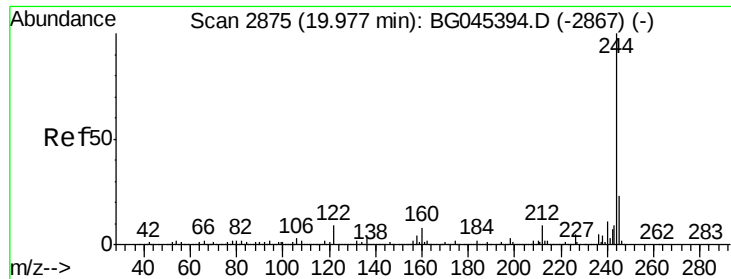


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 102.092 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

PB129278BS

Tot Ion:244 Resp: 1693768

Ion Ratio Lower Upper

244 100

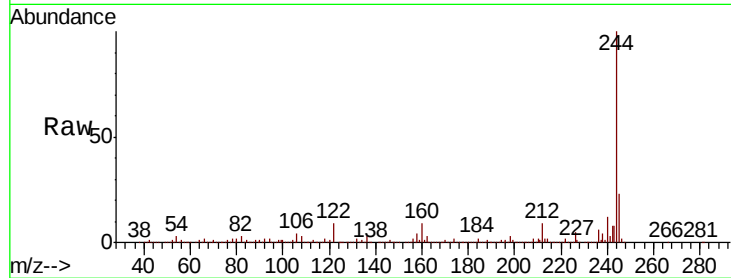
212 9.4 7.4 11.0

122 9.1 6.8 10.2

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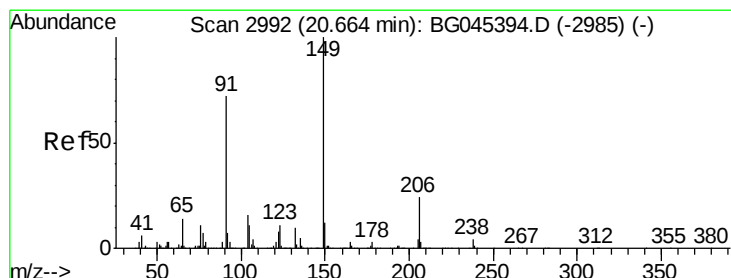
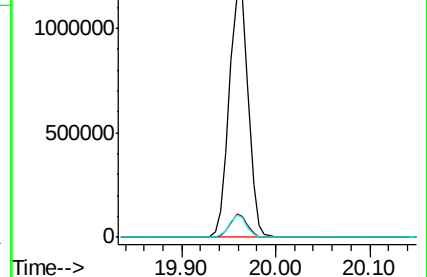
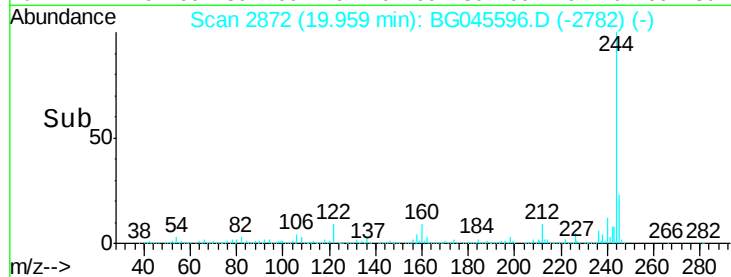
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.403 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.01 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

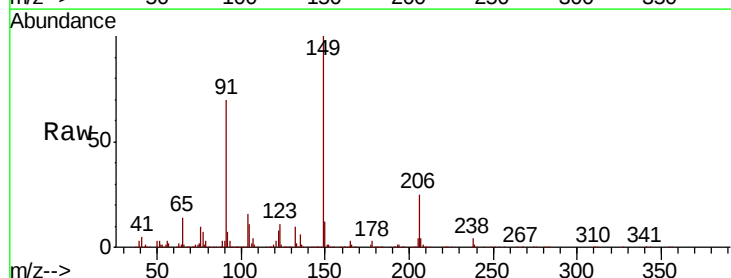
Tgt Ion:149 Resp: 451306

Ion Ratio Lower Upper

149 100

91 70.1 57.8 86.6

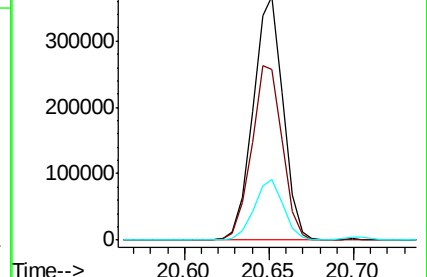
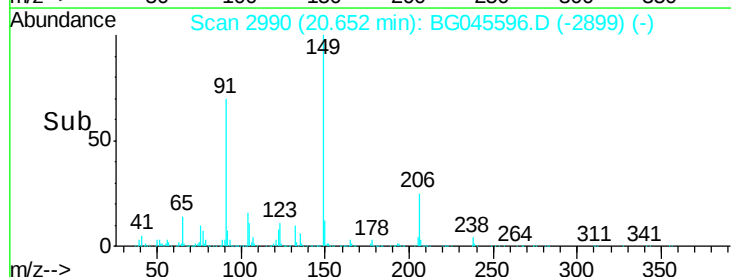
206 24.9 19.1 28.7

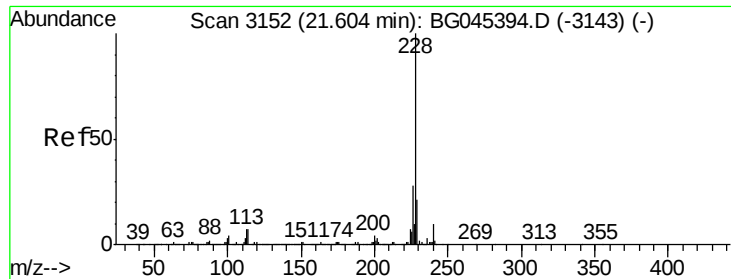


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.125 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

PB129278BS

Tot Ion:228 Resp: 1080463

Ion Ratio Lower Upper

228 100

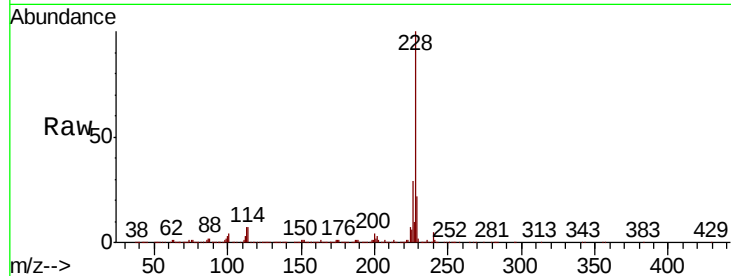
226 29.2 22.7 34.1

229 21.8 16.7 25.1

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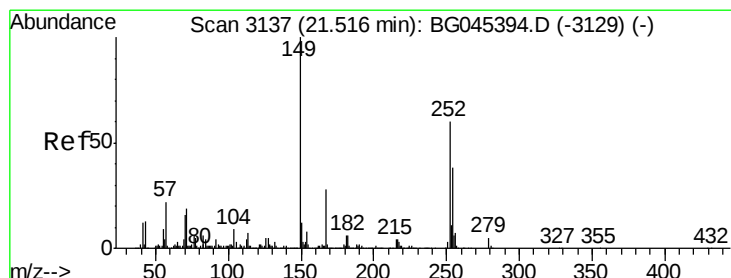
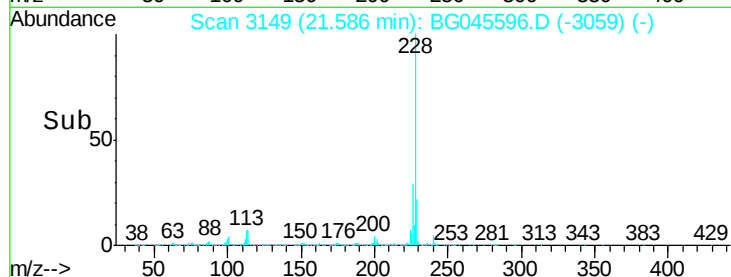
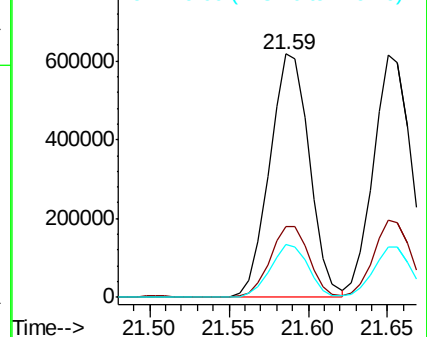


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.155 ng

RT: 21.50 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

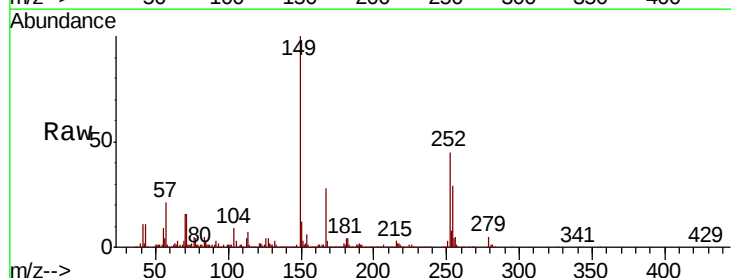
Tgt Ion:252 Resp: 322613

Ion Ratio Lower Upper

252 100

254 63.6 51.3 76.9

126 8.2 6.6 10.0

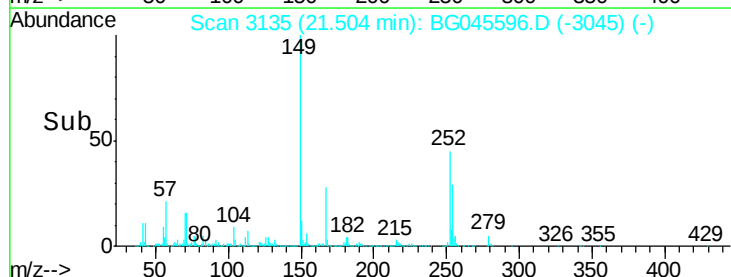
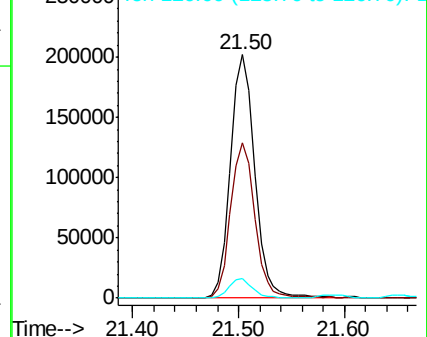


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 49.676 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

PB129278BS

Tot Ion:228 Resp: 1029599

Ion Ratio Lower Upper

228 100

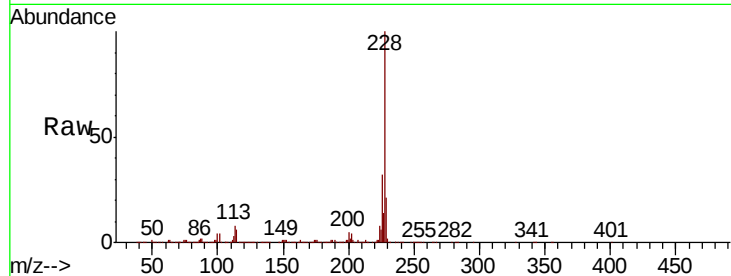
226 31.8 25.2 37.8

229 20.9 16.7 25.1

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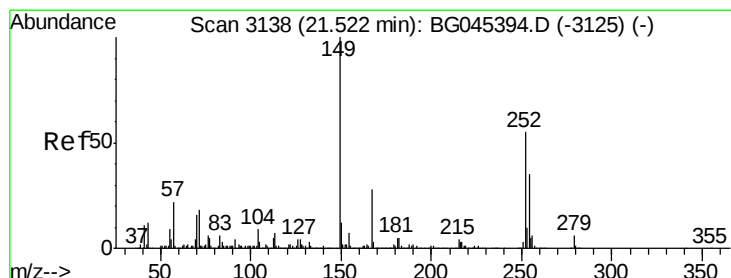
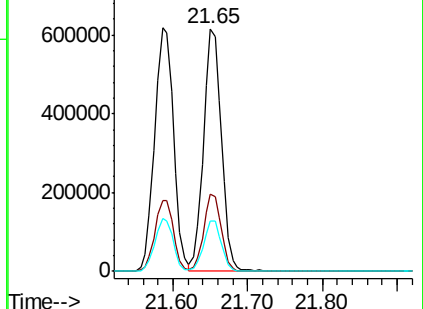
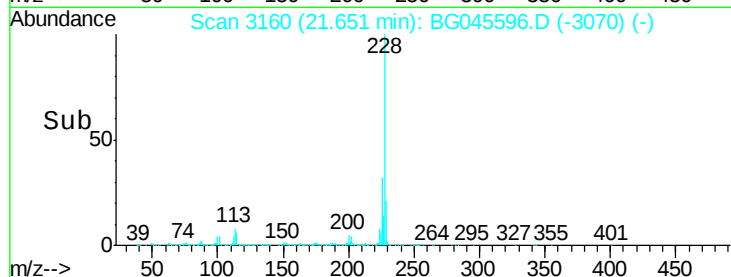
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.770 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

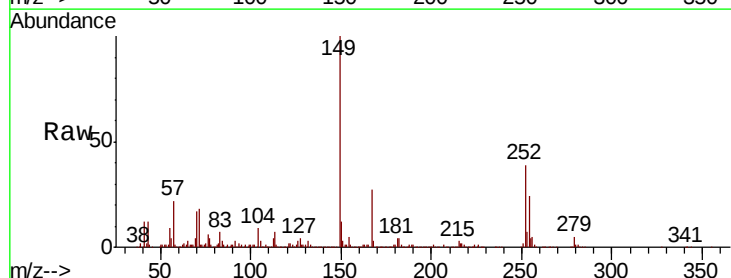
Tgt Ion:149 Resp: 638275

Ion Ratio Lower Upper

149 100

167 26.8 22.2 33.2

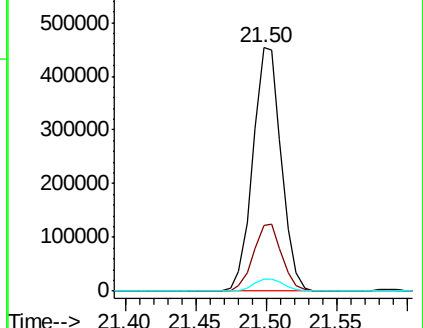
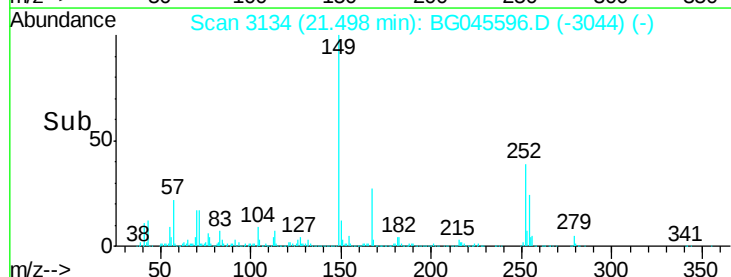
279 5.0 4.7 7.1

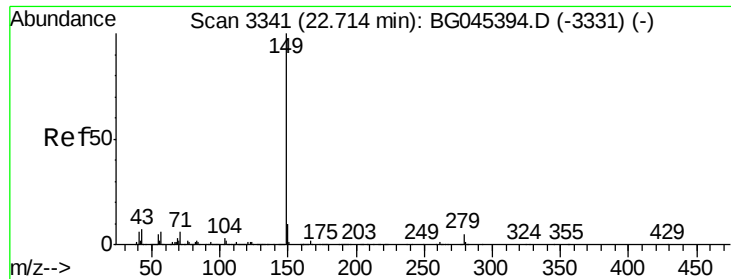


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.932 ng

RT: 22.68 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

PB129278BS

Tot Ion:149 Resp: 1077411

Ion Ratio Lower Upper

149 100

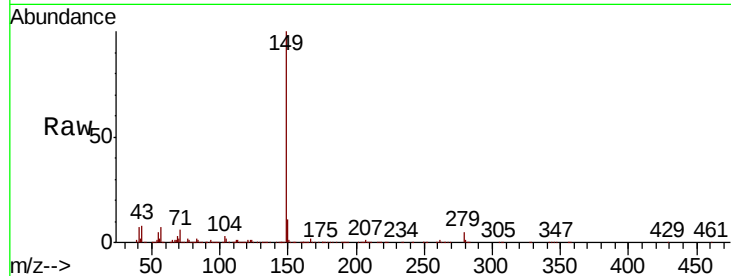
167 1.8 1.4 2.0

43 7.5 5.8 8.8

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

800000

600000

400000

200000

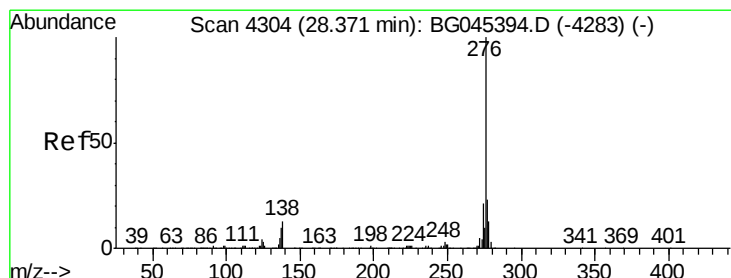
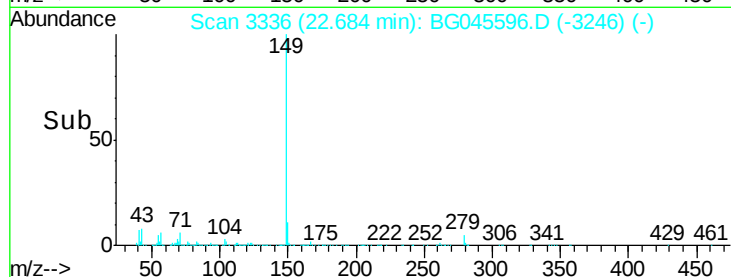
0

22.68

22.60

22.70

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.111 ng

RT: 28.33 min Scan# 4297

Delta R.T. 0.01 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

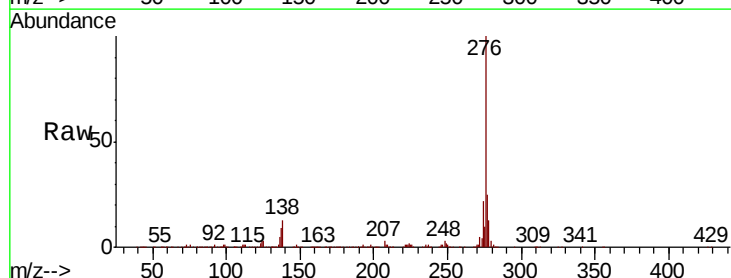
Tgt Ion:276 Resp: 1331069

Ion Ratio Lower Upper

276 100

138 9.3 8.6 12.8

277 25.8 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

300000

250000

200000

150000

100000

50000

0

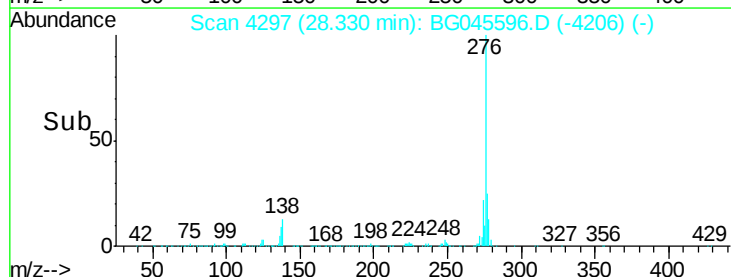
28.33

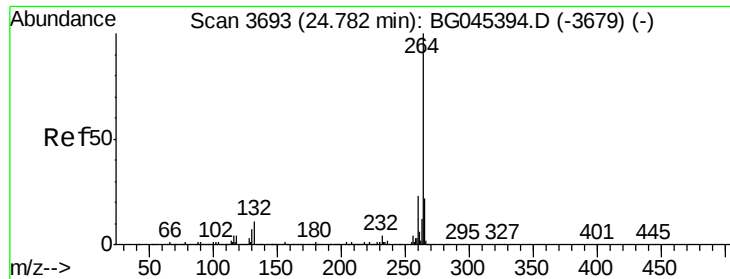
28.20

28.40

28.60

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

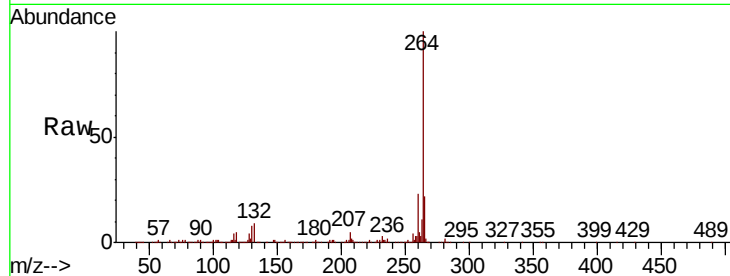
ClientSampleId :

PB129278BS

Tot Ion:	264	Resp:	422352
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.4
265	22.0	17.6	26.4

Manual Integrations
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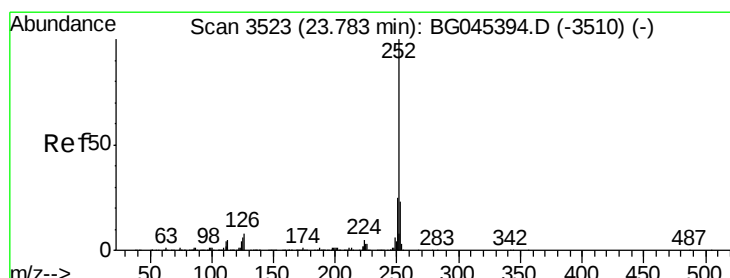
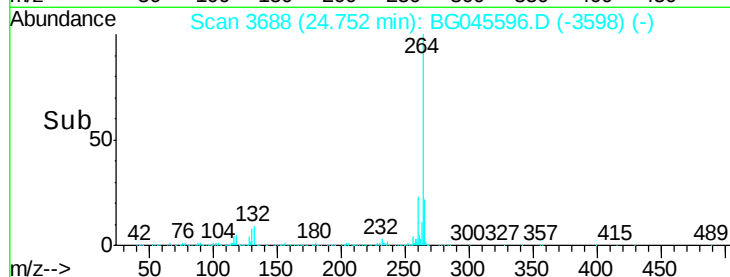
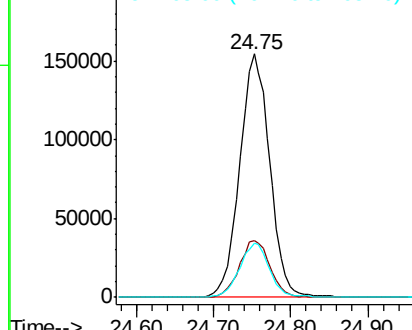


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.538 ng

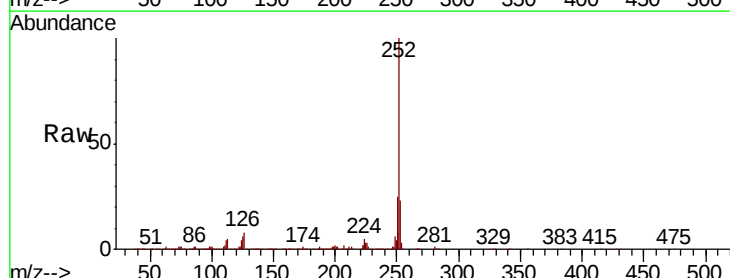
RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Tgt Ion:	252	Resp:	1144751
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.1	27.1
125	6.3	5.0	7.6

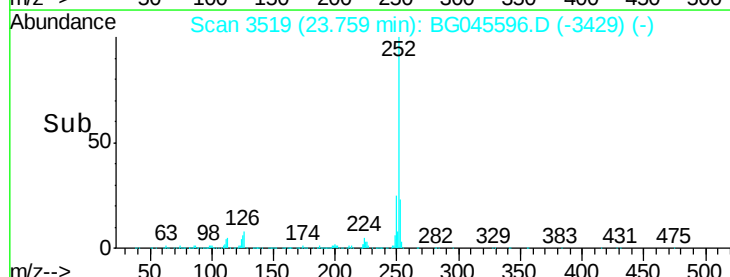
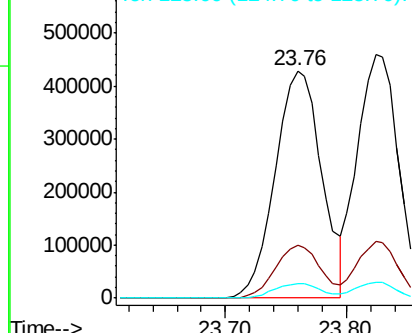


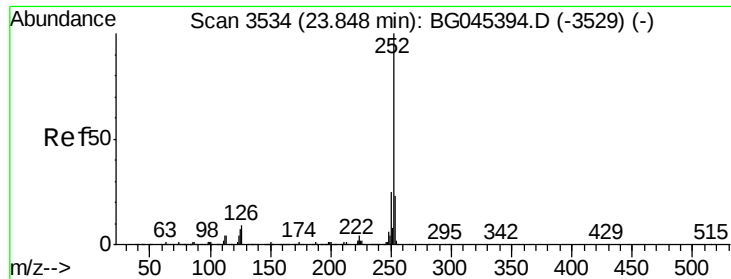
Abundance

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





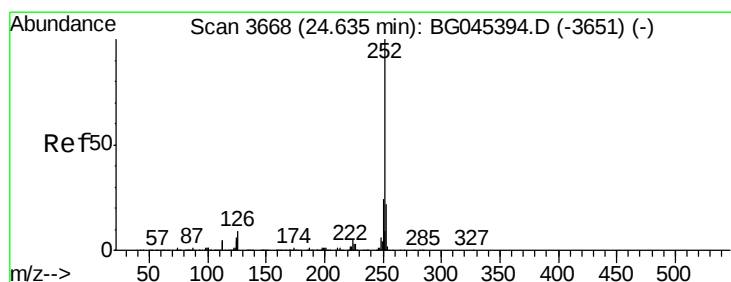
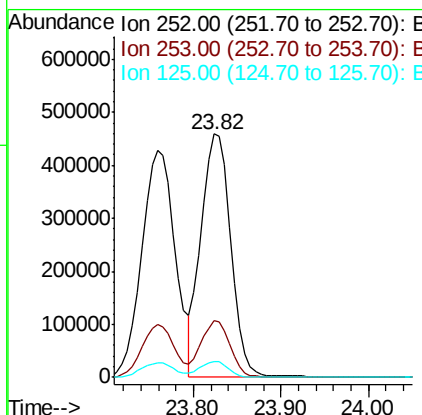
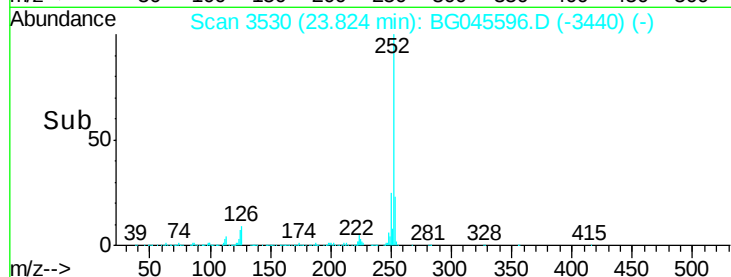
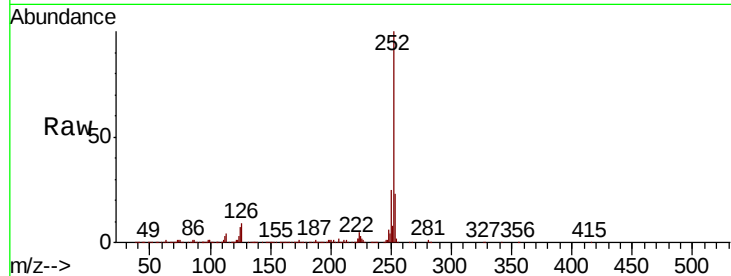
#89
Benzo(k)fluoranthene
Concen: 51.219 ng
RT: 23.82 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	6.5	5.7	8.5

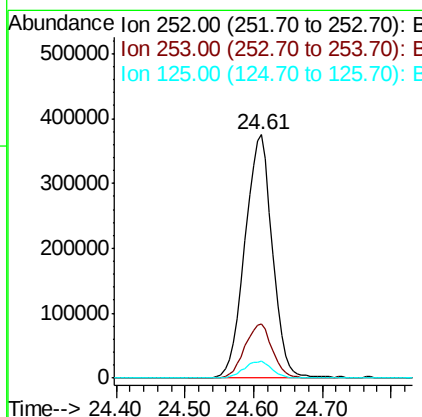
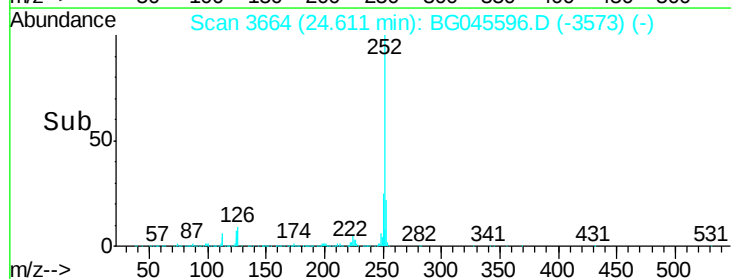
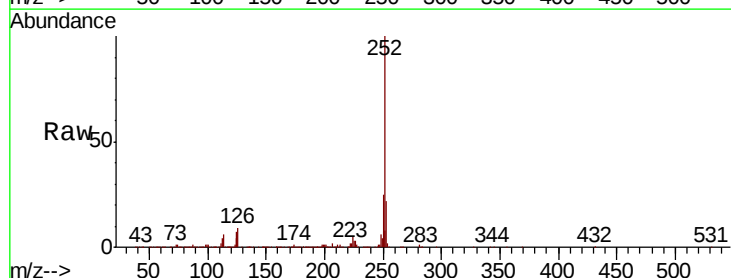
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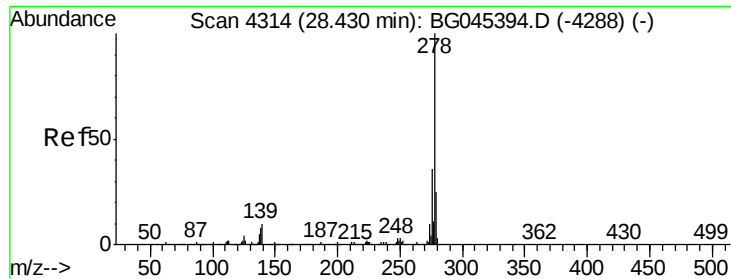
mohammad
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#90
Benzo(a)pyrene
Concen: 49.515 ng
RT: 24.61 min Scan# 3664
Delta R.T. 0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	6.9	5.0	7.6





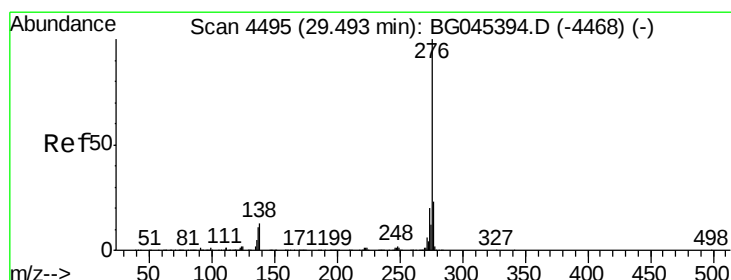
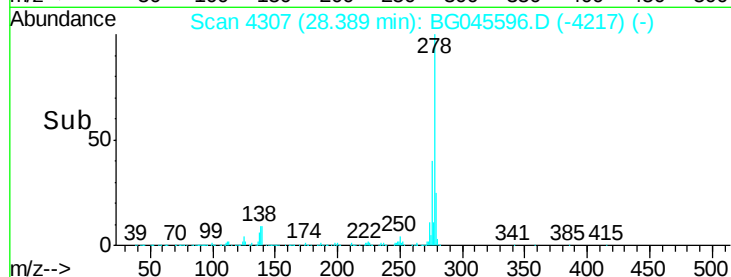
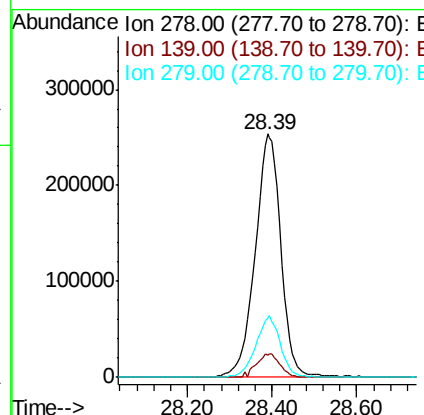
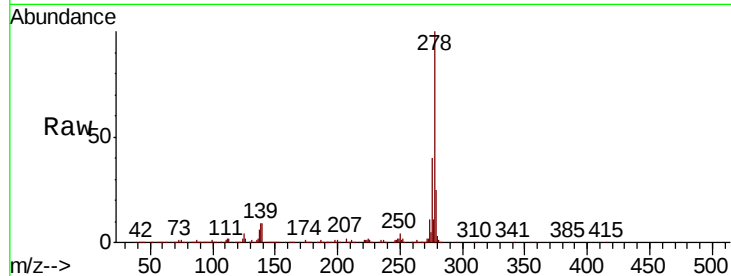
#91
Dibenzo(a,h)anthracene
Concen: 51.121 ng
RT: 28.39 min Scan# 4307
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.3	7.8	11.8
279	24.6	19.8	29.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 51.882 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.1	27.1
138	13.3	10.2	15.4

