

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045652.D
 Acq On : 8 Jun 2020 21:36
 Operator : CG/JU
 Sample : L2814-13MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MSD

Manual Integrations
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 6/9/2020 12:22:26 PM

Quant Time: Jun 09 01:16:39 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	64311	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	247723	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	171864	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	404959	20.00	ng	0.00
76) Chrysene-d12	21.60	240	375705	20.00	ng	0.00
87) Perylene-d12	24.75	264	404401	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	482108	146.50	ng	0.00
7) Phenol-d6	7.15	99	600124	128.13	ng	0.00
23) Nitrobenzene-d5	9.12	82	500830	110.25	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	352311	160.29	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1089908	107.57	ng	0.00
79) Terphenyl-d14	19.96	244	1765499	109.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	69868	42.815	ng	# 49
3) Pyridine	3.83	79	144577	31.812	ng	96
4) n-Nitrosodimethylamine	3.72	42	80495	54.126	ng	87
6) Aniline	7.28	93	197936	32.373	ng	98
8) 2-Chlorophenol	7.52	128	200290	55.502	ng	99
9) Benzaldehyde	7.08	77	104029	34.090	ng	95
10) Phenol	7.18	94	224091	46.422	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	188548	50.076	ng	96
12) 1,3-Dichlorobenzene	7.84	146	213598	49.254	ng	97
13) 1,4-Dichlorobenzene	7.98	146	214385	50.094	ng	97
14) 1,2-Dichlorobenzene	8.30	146	205415	49.904	ng	96
15) Benzyl Alcohol	8.20	79	214687	55.486	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	174656	48.868	ng	97
17) 2-Methylphenol	8.42	107	177034	48.997	ng	98
18) Hexachloroethane	9.03	117	81617	49.794	ng	90
19) n-Nitroso-di-n-propylamine	8.76	70	172259	53.185	ng	98
20) 3+4-Methylphenols	8.75	107	234599	47.681	ng	94
22) Acetophenone	8.77	105	312683	53.256	ng	# 97
24) Nitrobenzene	9.16	77	262091	53.850	ng	97
25) Isophorone	9.68	82	478218	53.454	ng	99
26) 2-Nitrophenol	9.87	139	114931	55.201	ng	92
27) 2,4-Dimethylphenol	9.94	122	185794	60.166	ng	96
28) bis(2-Chloroethoxy)methane	10.16	93	262672	55.985	ng	97
29) 2,4-Dichlorophenol	10.42	162	206799	56.710	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	226831	52.642	ng	98
31) Naphthalene	10.81	128	620850	53.782	ng	98
32) Benzoic acid	10.12	122	66017	34.893	ng	96
33) 4-Chloroaniline	10.92	127	68877	14.274	ng	97
34) Hexachlorobutadiene	11.10	225	160586	52.723	ng	99
35) Caprolactam	11.71	113	51595m	38.547	ng	
36) 4-Chloro-3-methylphenol	12.07	107	234225	57.002	ng	96
37) 2-Methylnaphthalene	12.42	142	465034	54.049	ng	96
38) 1-Methylnaphthalene	12.63	142	446381m	54.922	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	268212	55.873	ng	99

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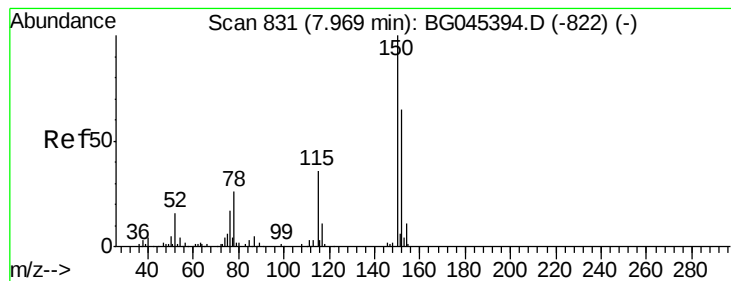
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	260495	94.017	nq	99
43) 2,4,6-Trichlorophenol	13.03	196	183051	54.893	nq	98
44) 2,4,5-Trichlorophenol	13.12	196	194002	50.910	nq	98
46) 1,1'-Biphenyl	13.43	154	600808	56.893	nq	99
47) 2-Chloronaphthalene	13.47	162	456526	53.237	nq	99
48) 2-Nitroaniline	13.67	65	155610	55.165	nq	94
49) Acenaphthylene	14.31	152	748660	54.353	nq	99
50) Dimethylphthalate	14.06	163	759640	64.432	nq	98
51) 2,6-Dinitrotoluene	14.17	165	141766	53.288	nq	99
52) Acenaphthene	14.66	154	549742m	59.624	nq	
53) 3-Nitroaniline	14.51	138	79627	29.444	nq	92
54) 2,4-Dinitrophenol	14.71	184	148359	84.781	nq	99
55) Dibenzofuran	15.00	168	723831	52.865	nq	96
56) 4-Nitrophenol	14.85	139	160599	78.438	nq	87
57) 2,4-Dinitrotoluene	14.96	165	202346	52.518	nq	97
58) Fluorene	15.64	166	600617	53.394	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	182451	54.422	nq	97
60) Diethylphthalate	15.42	149	637177	51.925	nq	99
61) 4-Chlorophenyl-phenylether	15.64	204	336364	52.255	nq	98
62) 4-Nitroaniline	15.67	138	140402	49.730	nq	99
63) Azobenzene	15.93	77	609232	53.244	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	126577	53.669	nq	92
66) n-Nitrosodiphenylamine	15.85	169	535418	55.067	nq	98
67) 4-Bromophenyl-phenylether	16.53	248	231113	52.705	nq	98
68) Hexachlorobenzene	16.66	284	253131	55.192	nq	98
69) Atrazine	16.81	200	205895	51.412	nq	99
70) Pentachlorophenol	17.00	266	239637	100.627	nq	97
71) Phenanthrene	17.39	178	948094	53.629	nq	100
72) Anthracene	17.47	178	972758	54.792	nq	98
73) Carbazole	17.75	167	898321	51.910	nq	99
74) Di-n-butylphthalate	18.31	149	1058057	50.939	nq	99
75) Fluoranthene	19.40	202	1160595	51.614	nq	99
77) Benzidine	19.58	184	223284	21.161	nq	100
78) Pyrene	19.75	202	1160784	54.200	nq	99
80) Butylbenzylphthalate	20.65	149	479509	51.872	nq	98
81) Benzo(a)anthracene	21.59	228	1140575	54.497	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	264368	32.202	nq	99
83) Chrysene	21.65	228	1083573	53.844	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	675370	53.148	nq	98
85) Di-n-octyl phthalate	22.68	149	1127178	51.646	nq	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1411320	53.630	nq	# 97
88) Benzo(b)fluoranthene	23.75	252	1207773	55.687	nq	98
89) Benzo(k)fluoranthene	23.83	252	1136455	55.774	nq	99
90) Benzo(a)pyrene	24.60	252	1092342	54.079	nq	98
91) Dibenzo(a,h)anthracene	28.38	278	1153011	56.804	nq	98
92) Benzo(g,h,i)perylene	29.45	276	1171985	57.731	nq	97

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



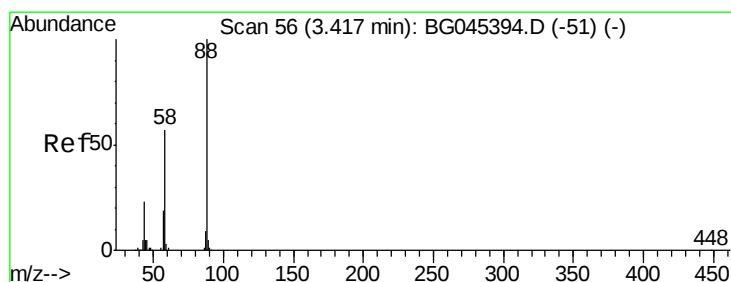
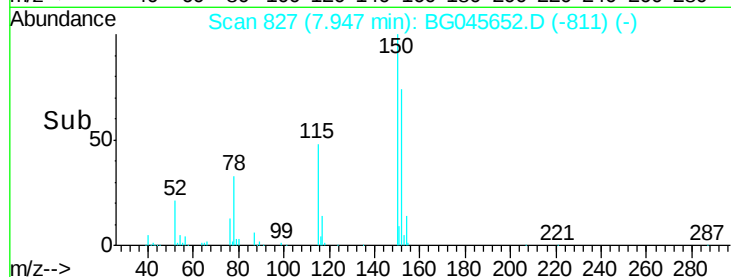
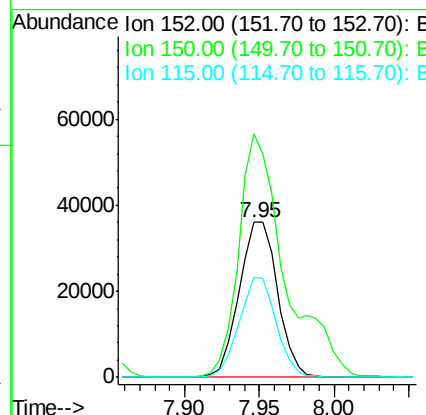
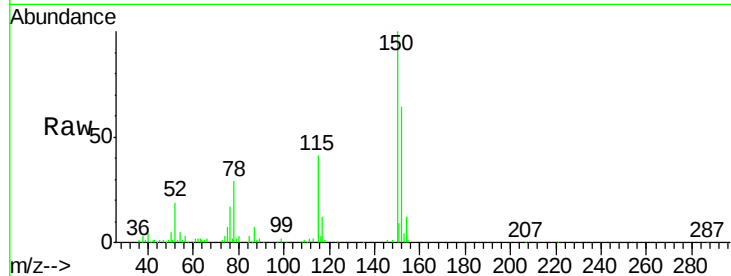
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	122.4	183.6
115	64.8	44.2	66.4

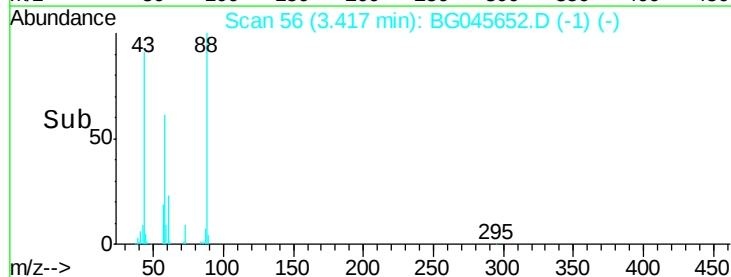
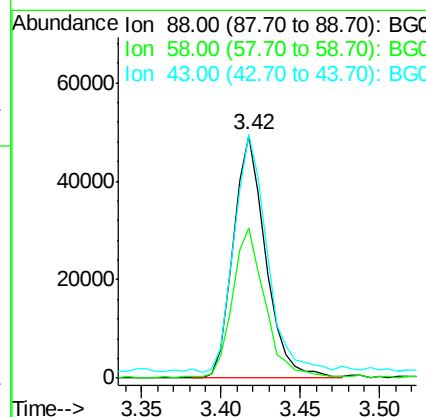
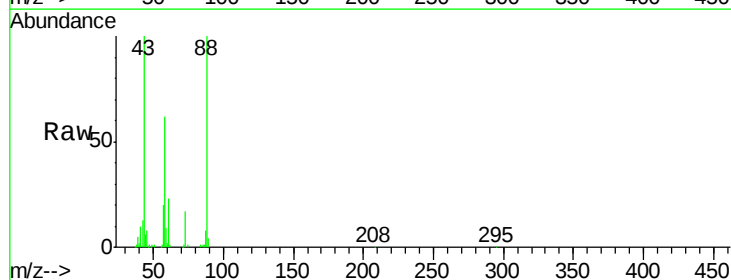
Manual Integrations
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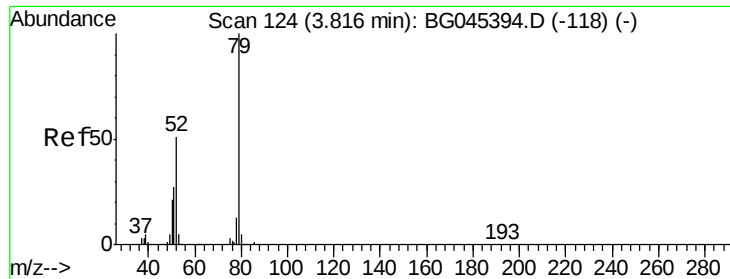
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#2
 1,4-Dioxane
 Concen: 42.815 ng
 RT: 3.42 min Scan# 56
 Delta R.T. 0.02 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.3	45.7	68.5
43	98.2	16.8	25.2





#3

Pvridine

Concen: 31.812 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.02 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

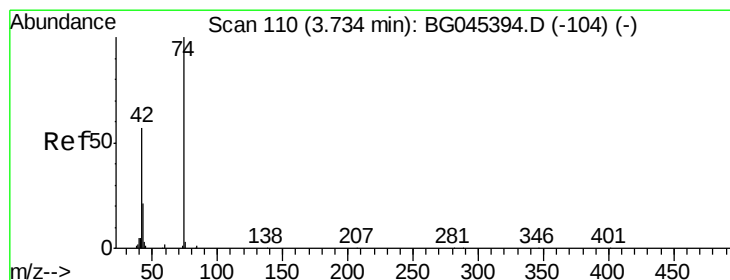
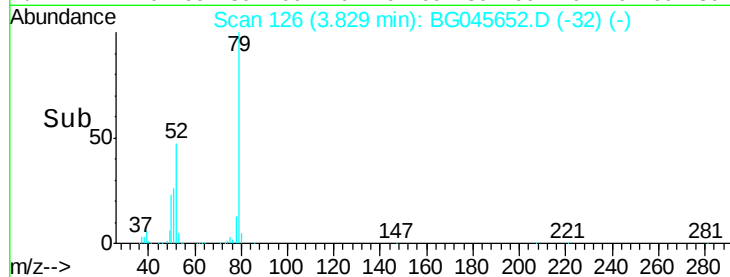
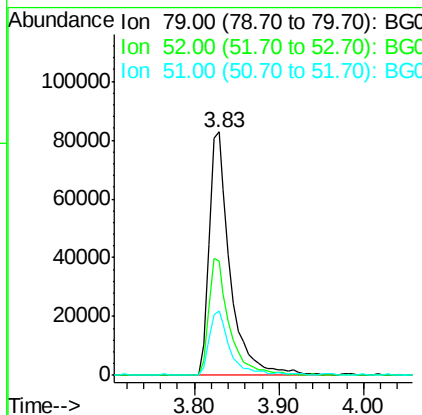
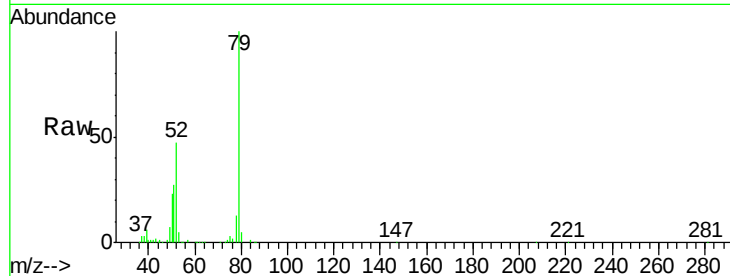
ClientSampleId :

PL-01-060320MSD

Tot Ion:	79	Resp:	144577
Ion	Ratio	Lower	Upper
79	100		
52	46.8	40.8	61.2
51	26.7	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 54.126 ng

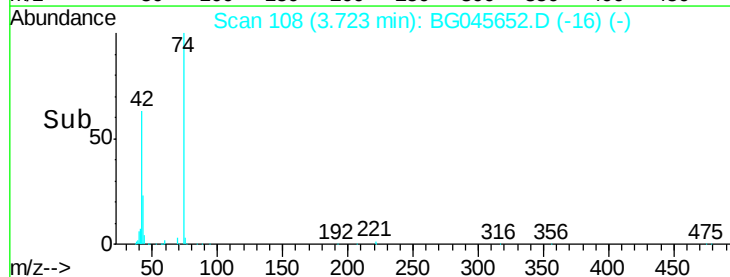
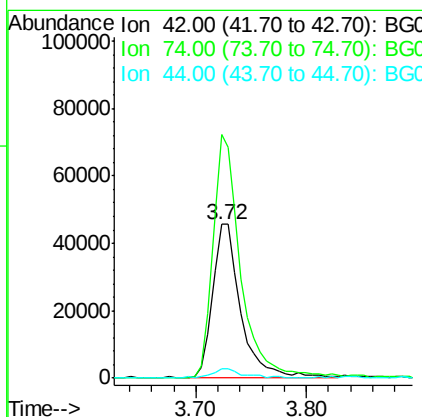
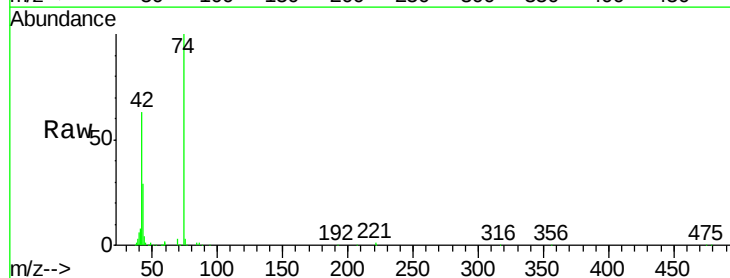
RT: 3.72 min Scan# 108

Delta R.T. 0.01 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Tgt Ion:	42	Resp:	80495
Ion	Ratio	Lower	Upper
42	100		
74	158.4	141.3	211.9
44	6.2	4.2	6.4





#5

2-Fluorophenol

Concen: 146.504 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

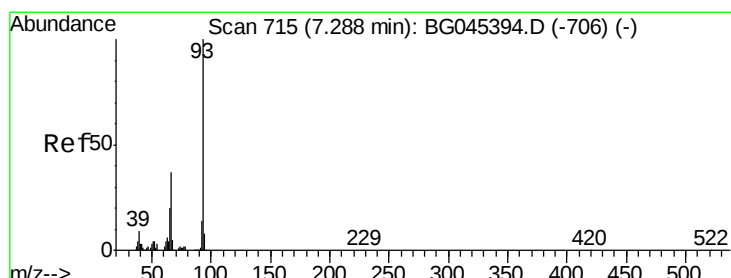
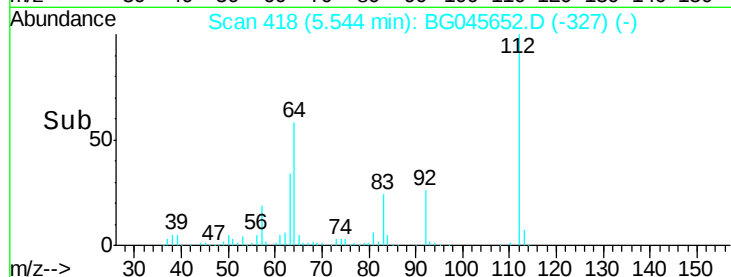
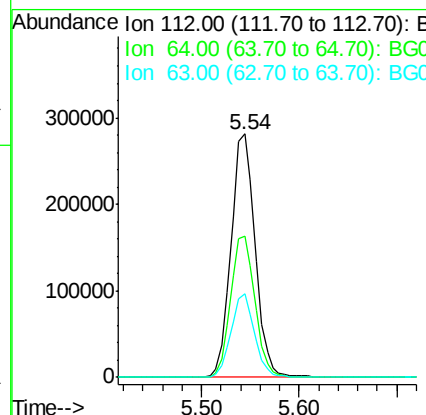
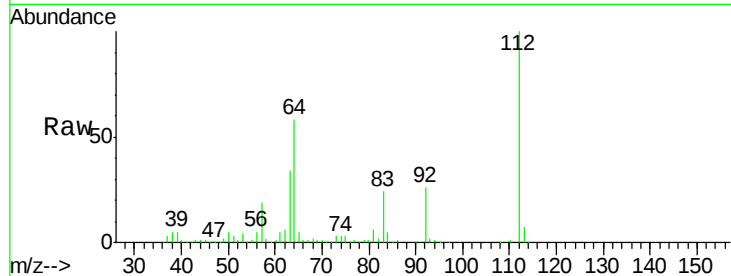
ClientSampleId :

PL-01-060320MSD

Tot Ion:	112	Resp:	482108
Ion Ratio	Lower	Upper	
112	100		
64	57.9	48.6	72.8
63	34.1	26.5	39.7

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#6

Aniline

Concen: 32.373 ng

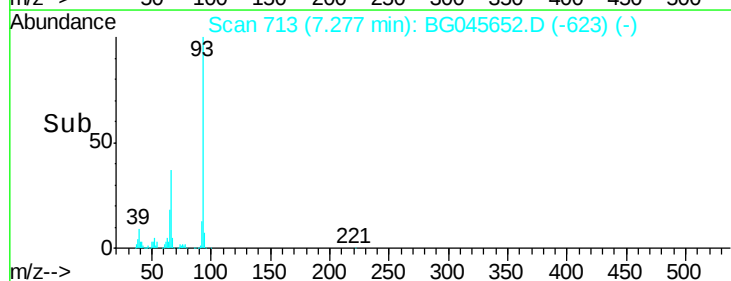
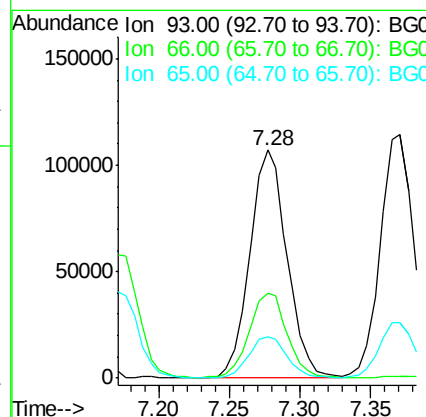
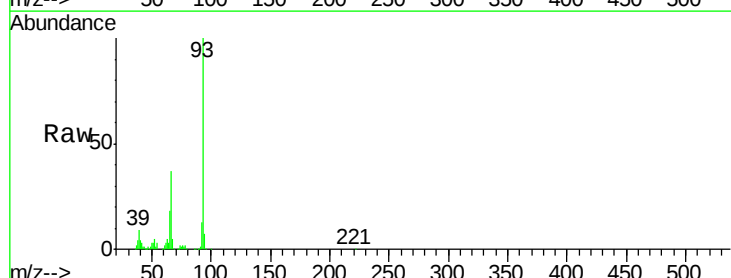
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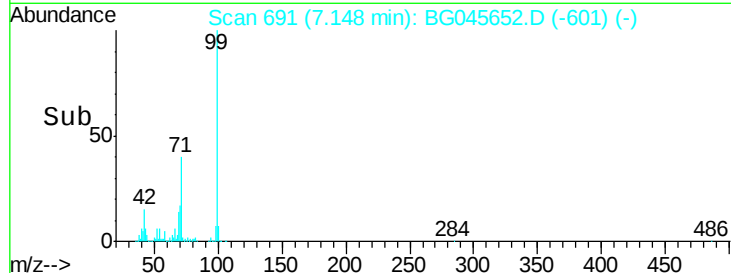
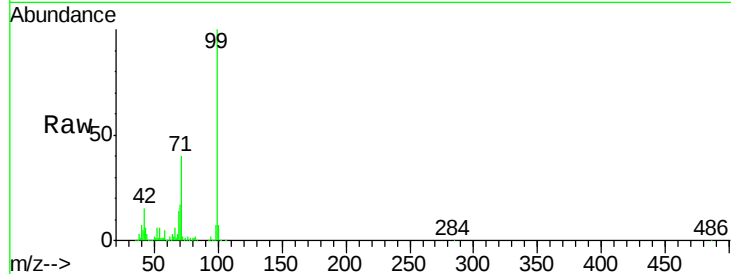
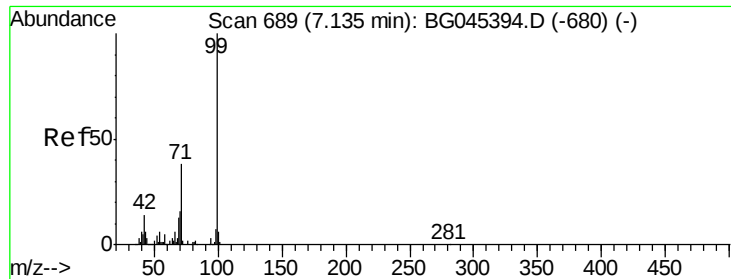
Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Tgt Ion:	93	Resp:	197936
Ion Ratio	Lower	Upper	
93	100		
66	37.3	29.6	44.4
65	18.1	15.9	23.9





#7

Phenol-d6

Concen: 128.130 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		600124		
42	14.9	11.3	16.9		
71	40.3	30.8	46.2		

Instrument :

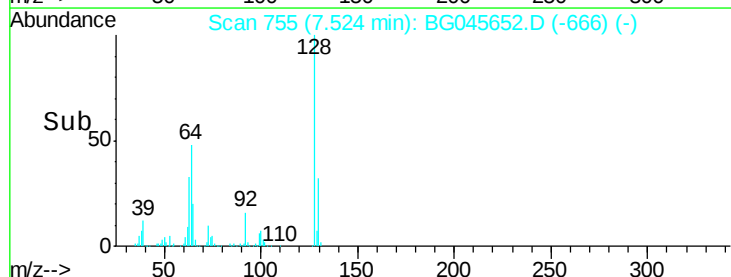
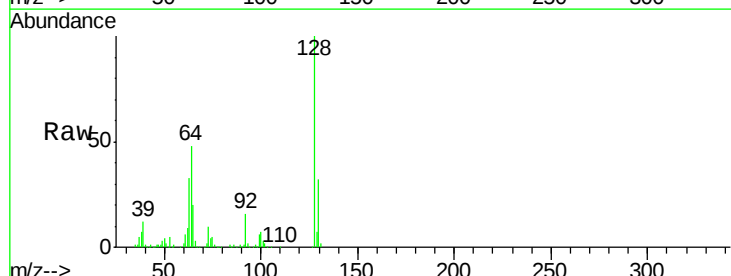
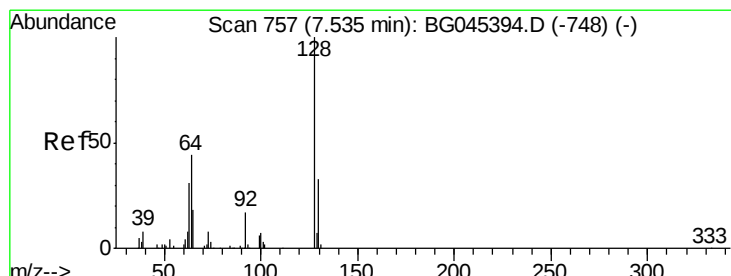
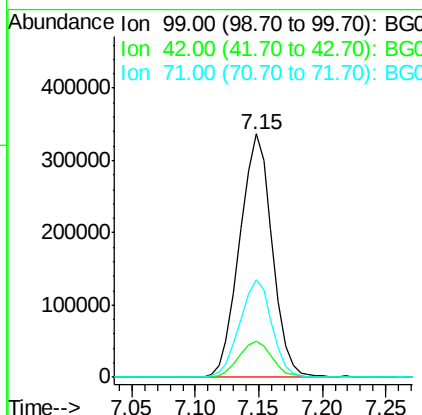
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ClientSampleId :

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#8

2-Chlorophenol

Concen: 55.502 ng

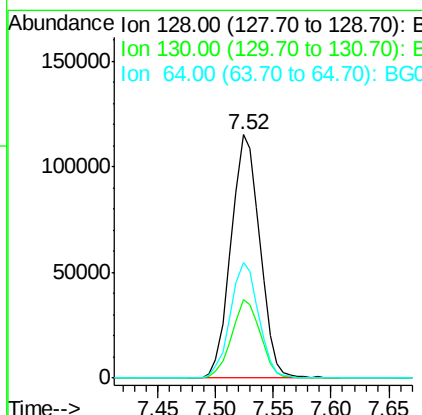
RT: 7.52 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		200290		
130	32.1	12.6	52.6		
64	47.7	27.0	67.0		





#9

Benzaldehyde

Concen: 34.090 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

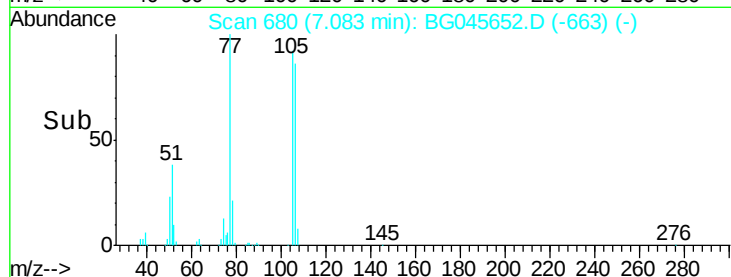
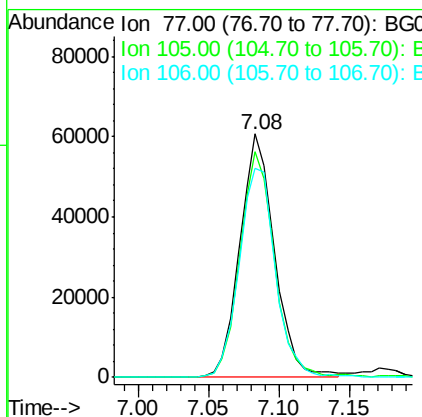
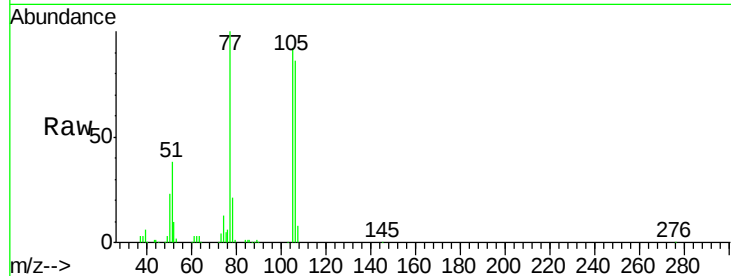
ClientSampleId :

PL-01-060320MSD

Tot Ion:	77	Resp:	104029
Ion Ratio	Lower	Upper	
77	100		
105	92.5	68.5	108.5
106	85.9	71.6	111.6

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#10

Phenol

Concen: 46.422 ng

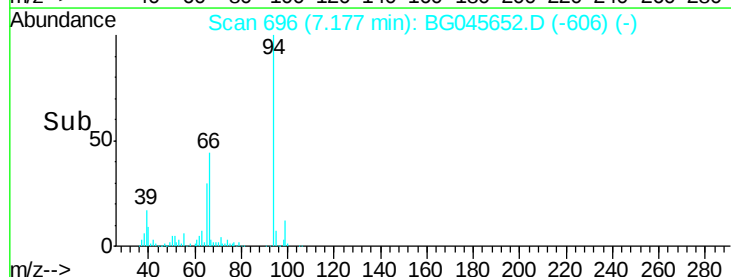
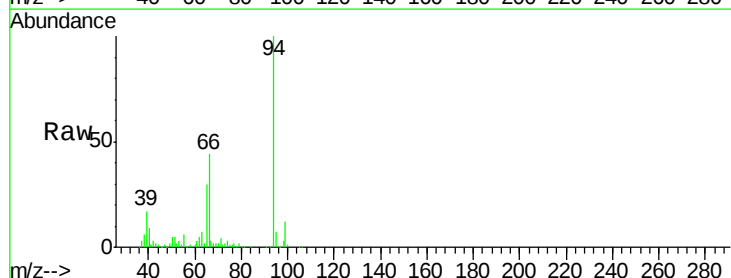
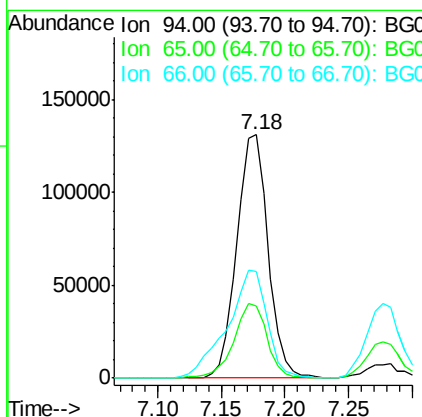
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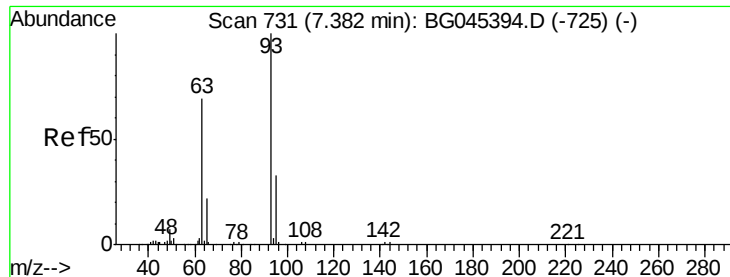
Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Tgt Ion:	94	Resp:	224091
Ion Ratio	Lower	Upper	
94	100		
65	29.7	9.8	49.8
66	43.6	22.0	62.0





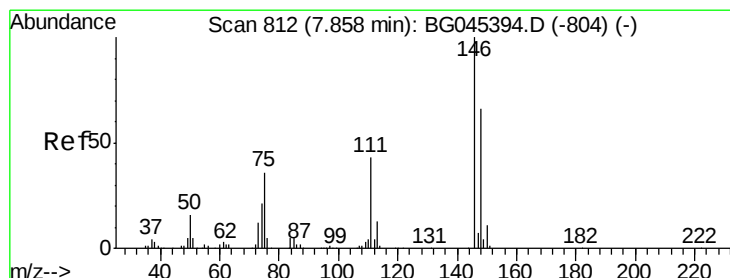
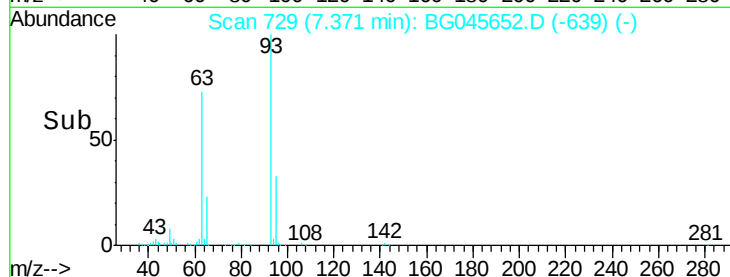
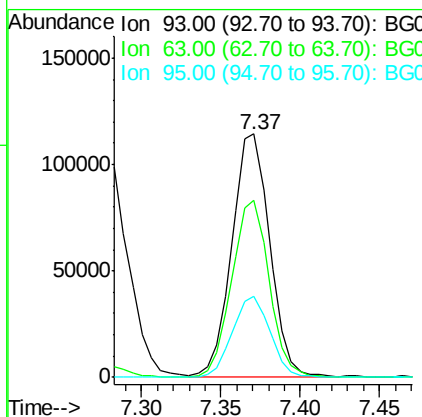
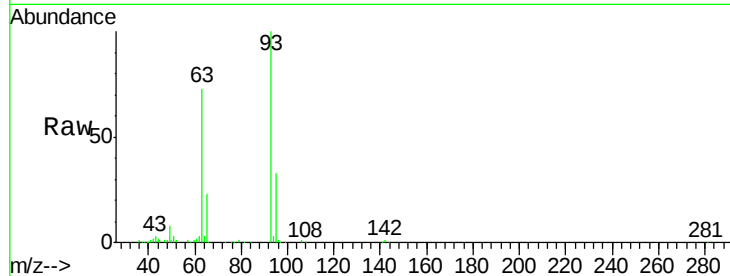
#11
bis(2-Chloroethyl)ether
Concen: 50.076 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		188548		
63	72.5	48.4	88.4		
95	33.5	12.4	52.4		

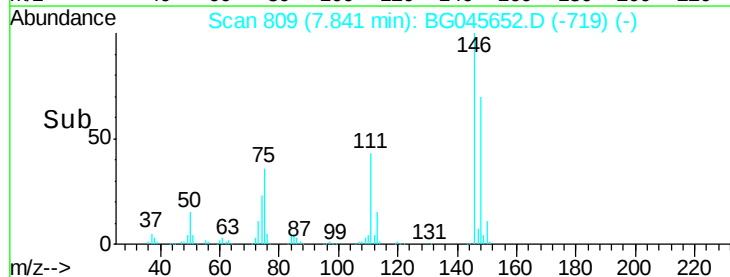
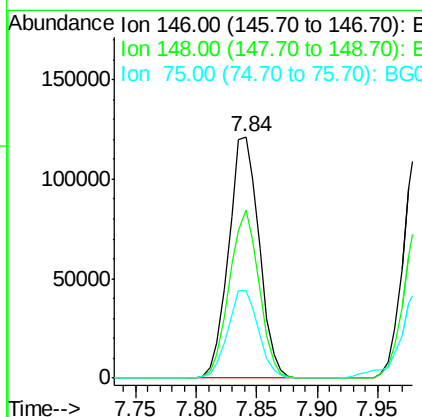
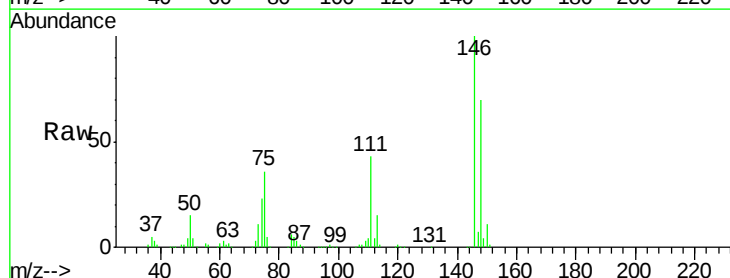
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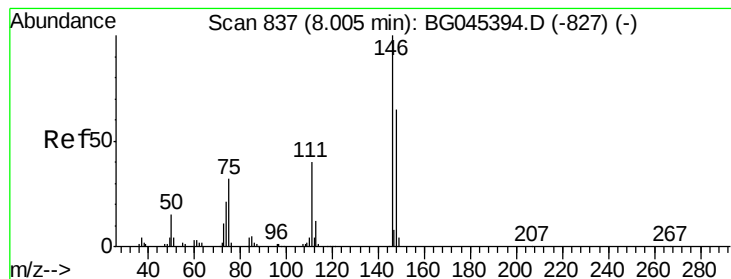
mohammad
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#12
1,3-Dichlorobenzene
Concen: 49.254 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		213598		
148	69.6	53.2	79.8		
75	36.4	28.6	43.0		





#13

1,4-Dichlorobenzene

Concen: 50.094 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

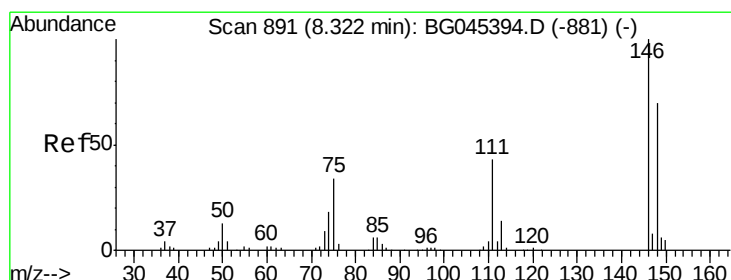
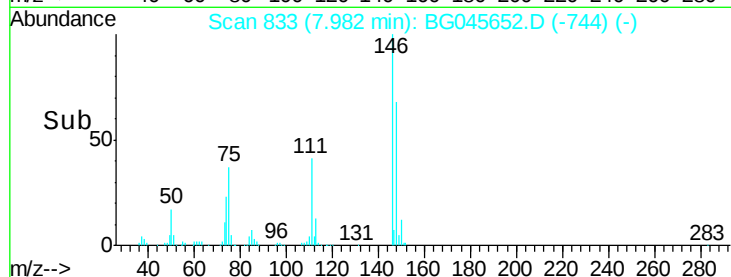
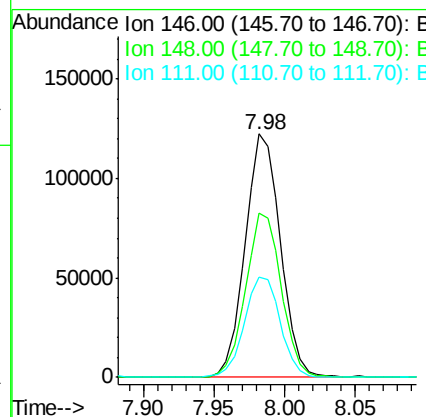
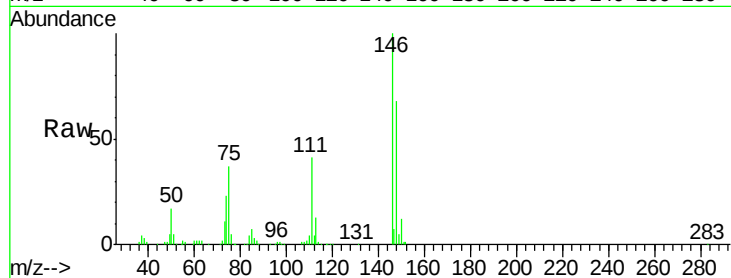
ClientSampleId :

PL-01-060320MSD

Tot Ion:	146	Resp:	214385
Ion Ratio	Lower	Upper	
146	100		
148	67.6	51.8	77.8
111	41.0	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 49.904 ng

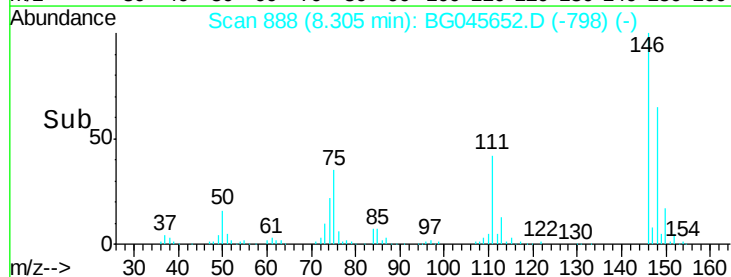
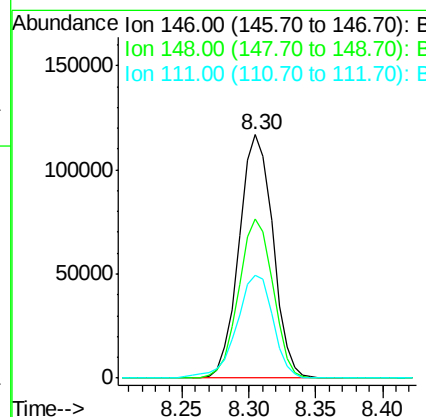
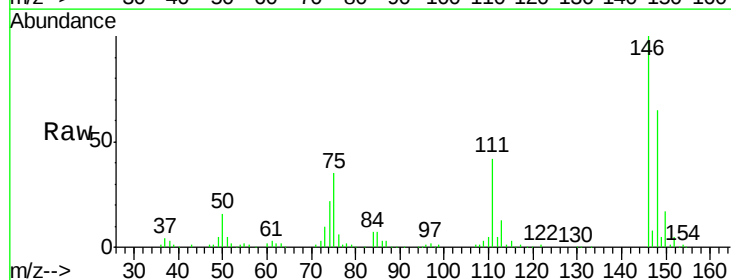
RT: 8.30 min Scan# 888

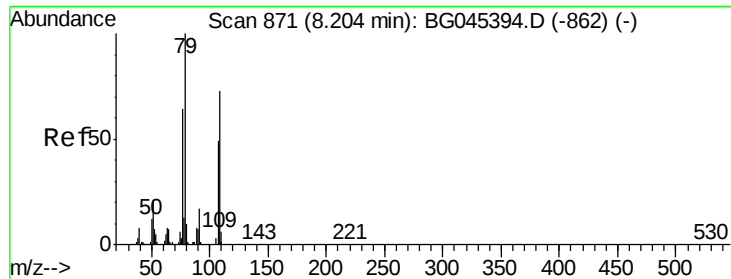
Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Tgt Ion:	146	Resp:	205415
Ion Ratio	Lower	Upper	
146	100		
148	65.1	55.9	83.9
111	42.2	35.0	52.4





#15

Benzyl Alcohol

Concen: 55.486 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

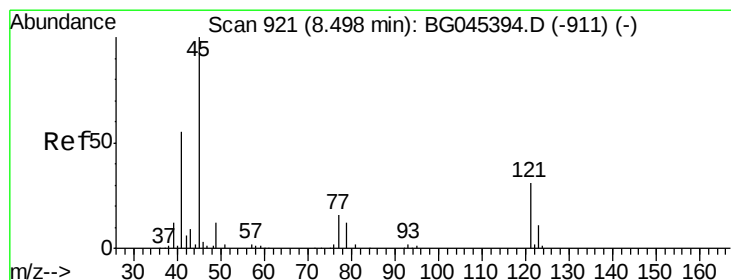
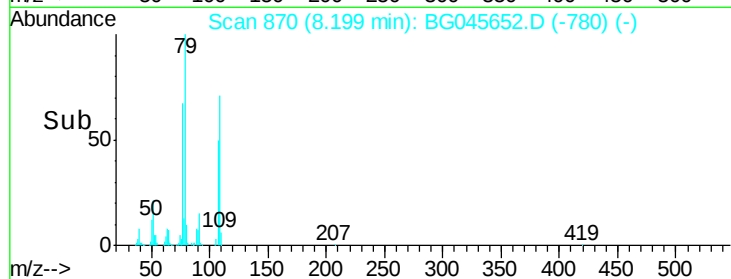
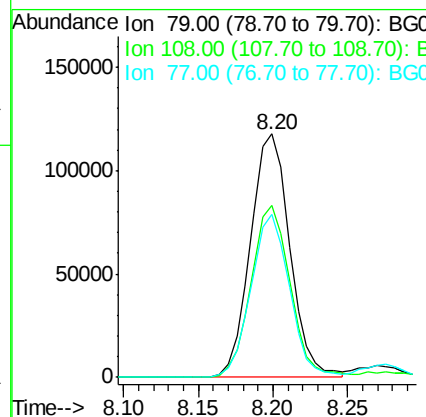
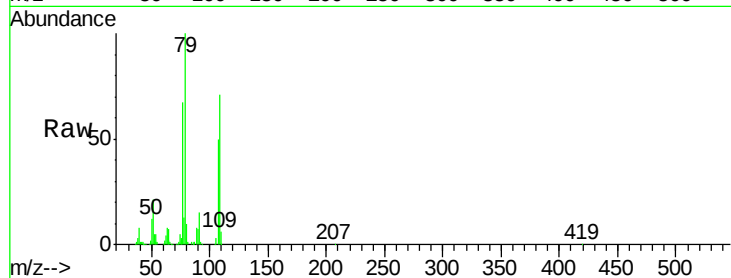
ClientSampleId :

PL-01-060320MSD

Tot Ion:	79	Resp:	214687
Ion Ratio	Lower	Upper	
79	100		
108	70.8	58.2	87.4
77	67.0	51.0	76.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 48.868 ng

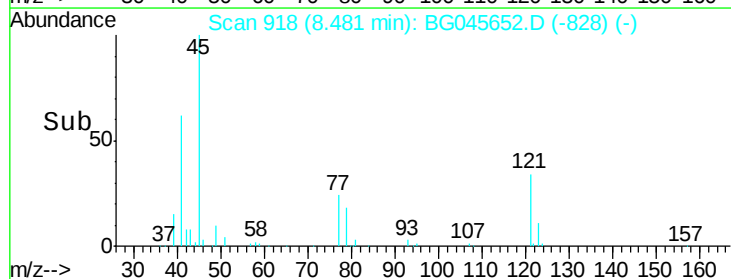
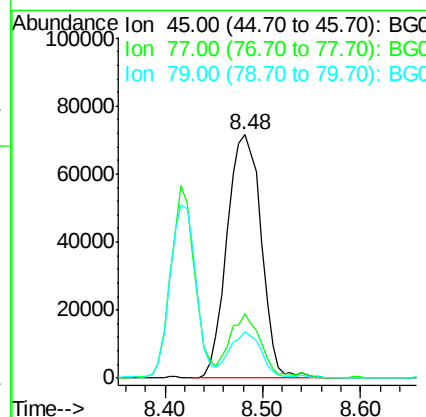
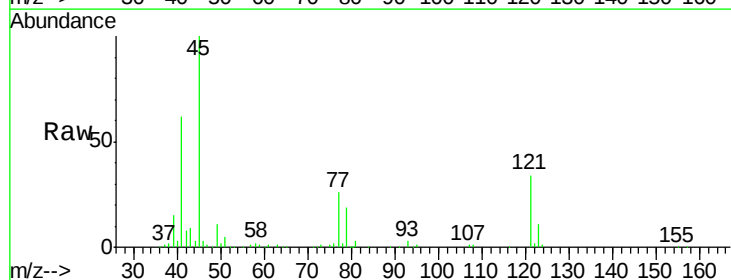
RT: 8.48 min Scan# 918

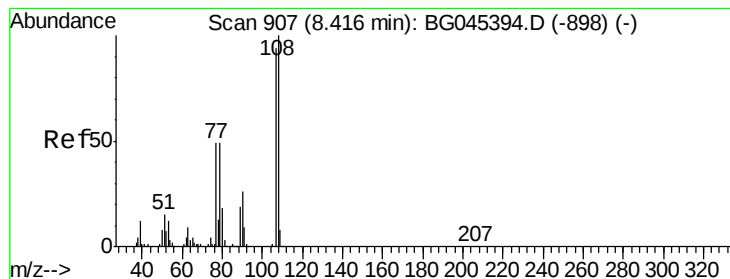
Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Tgt Ion:	45	Resp:	174656
Ion Ratio	Lower	Upper	
45	100		
77	26.4	4.0	44.0
79	19.1	0.0	38.6





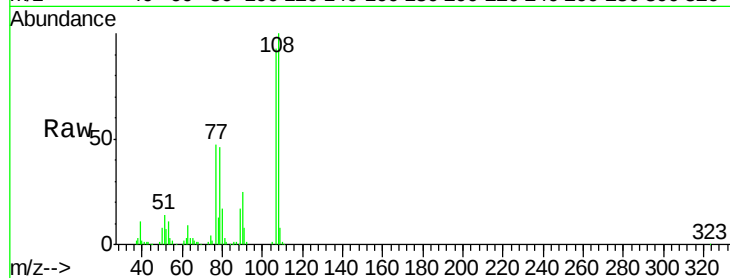
#17
2-Methylphenol
Concen: 48.997 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

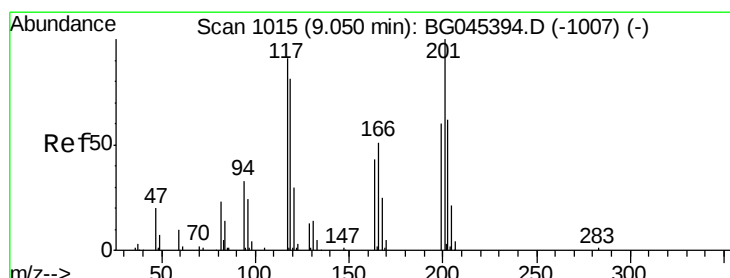
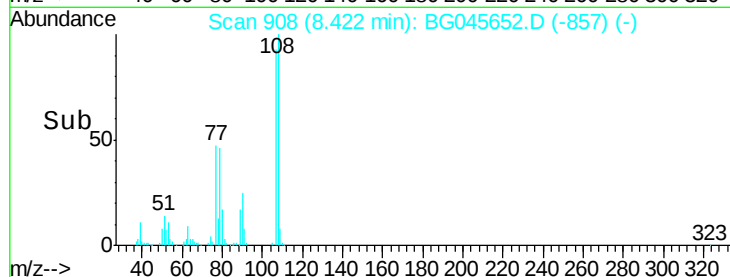
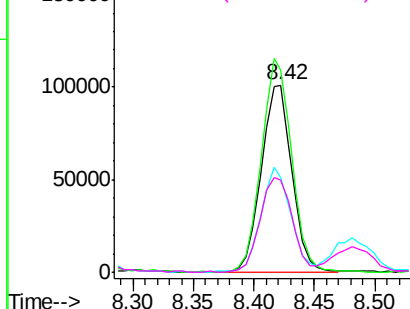
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108.0	85.2	177034	127.8	
77	77	50.7		62.4	
79	79.4	41.8		62.8	

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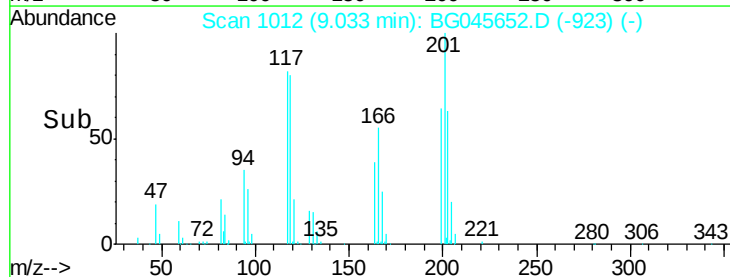
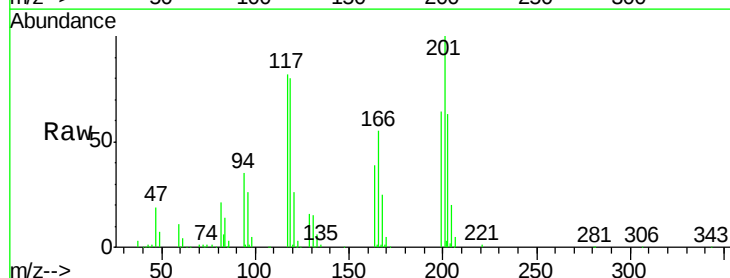
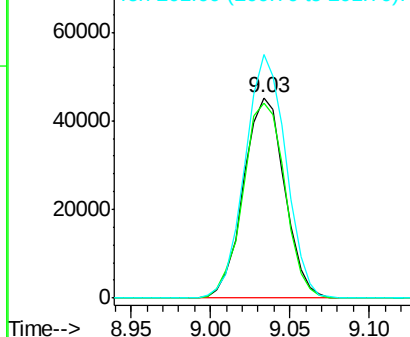
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

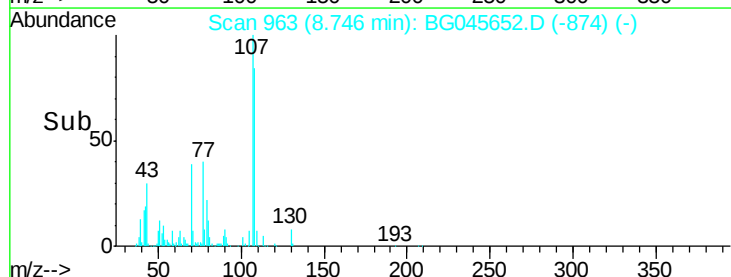
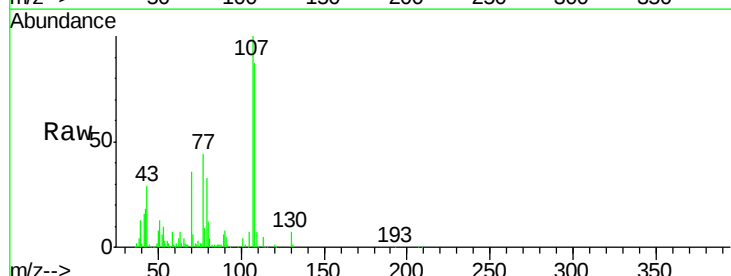
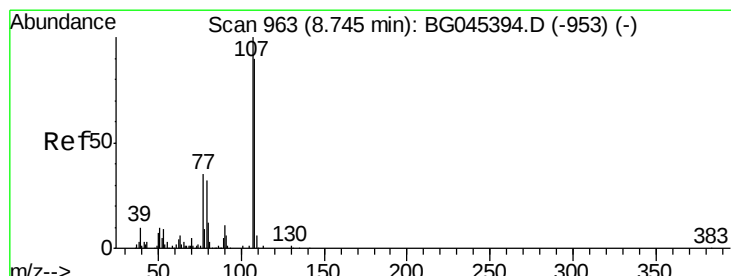
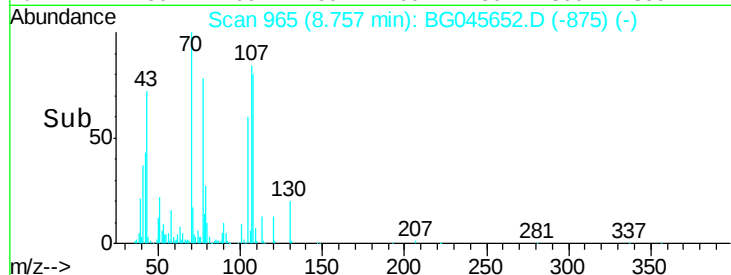
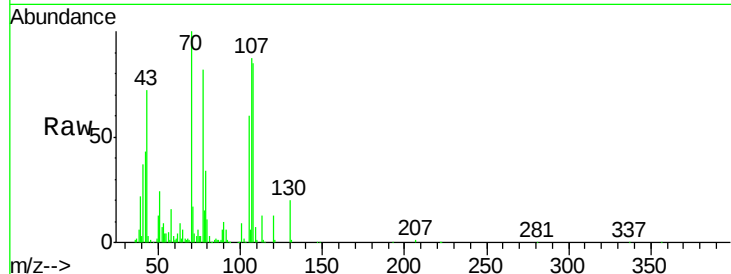
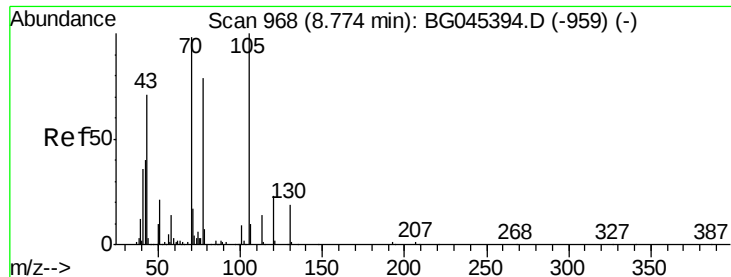


#18
Hexachloroethane
Concen: 49.794 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	81617		
119	119	97.6		71.3	106.9
201	201	121.5		87.5	131.3

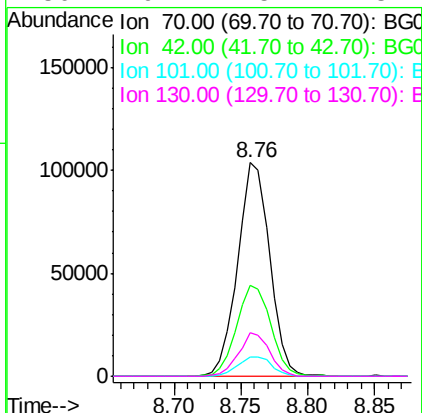
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 53.185 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.7	33.2	49.8	
101	8.8	7.8	11.6	
130	20.4	15.4	23.2	



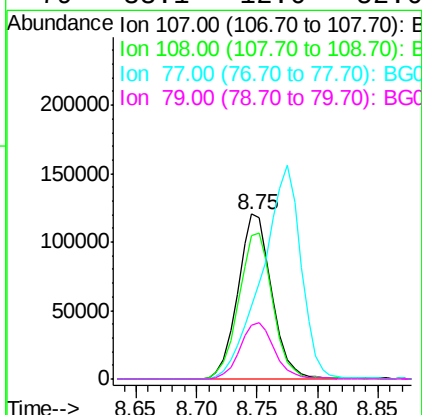
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

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#20
3+4-Methylphenols
Concen: 47.681 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.8	70.3	110.3	
77	44.2	15.4	55.4	
79	33.1	12.6	52.6	





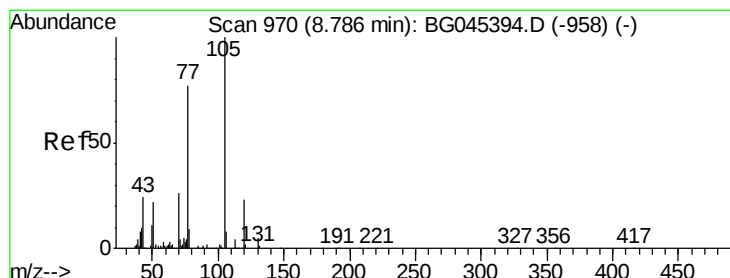
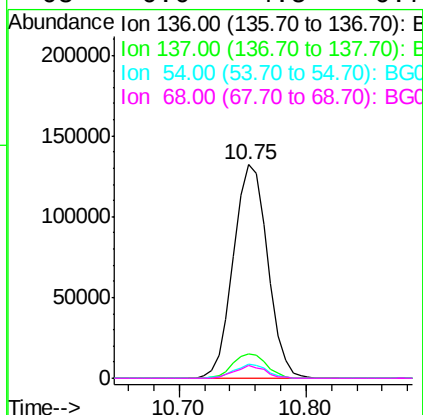
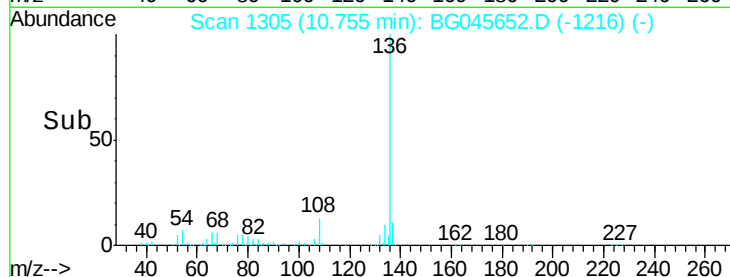
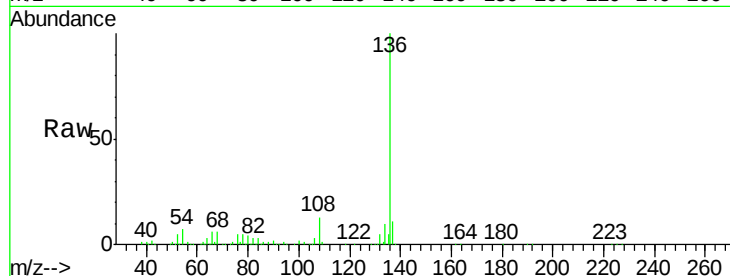
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	247723		
137	11.4		9.4	14.2
54	6.6		5.8	8.6
68	6.0		4.5	6.7

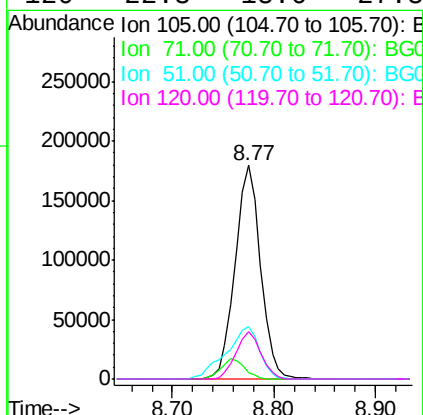
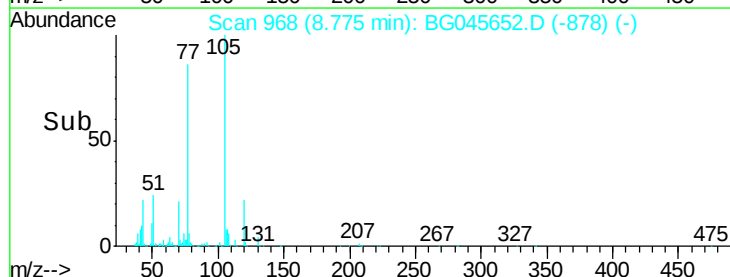
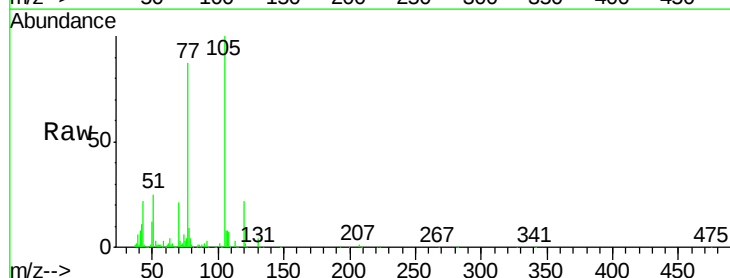
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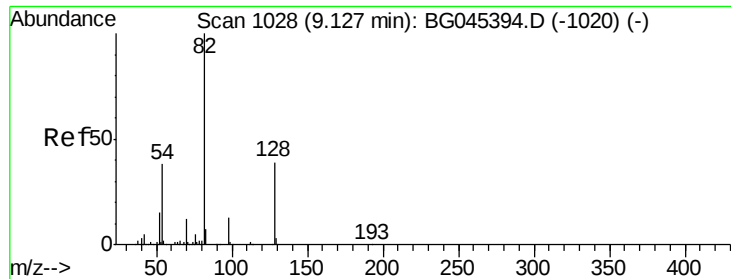
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#22
Acetophenone
Concen: 53.256 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	312683		
71	3.2		3.4	5.0#
51	24.5		18.2	27.2
120	22.3		18.6	27.8





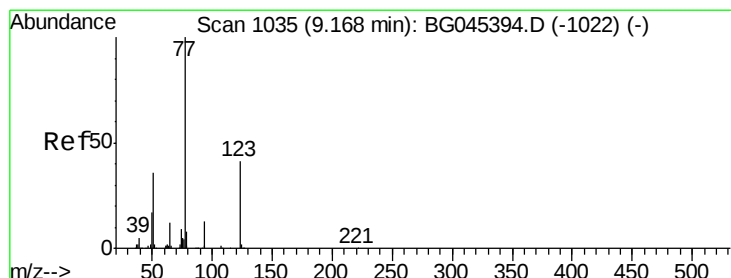
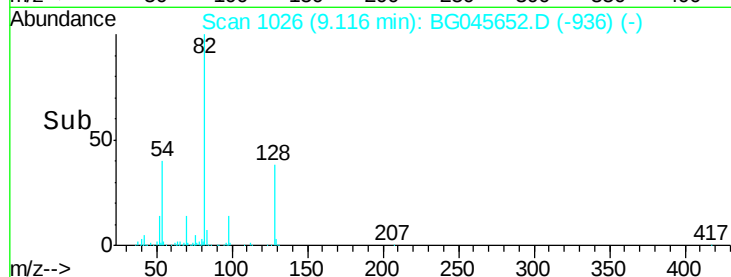
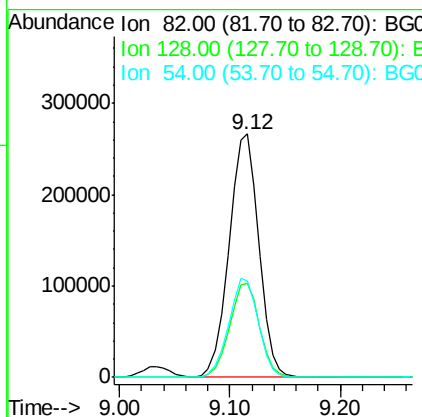
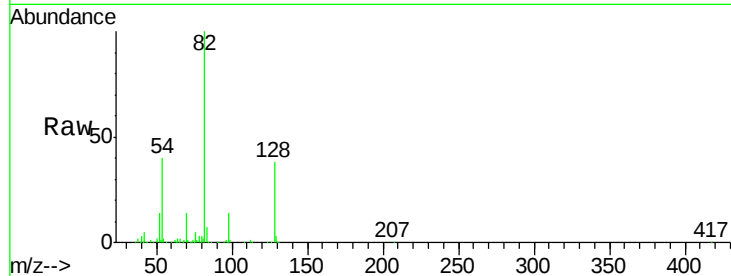
#23
 Nitrobenzene-d5
 Concen: 110.248 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.4	30.9	46.3	
54	39.8	30.3	45.5	

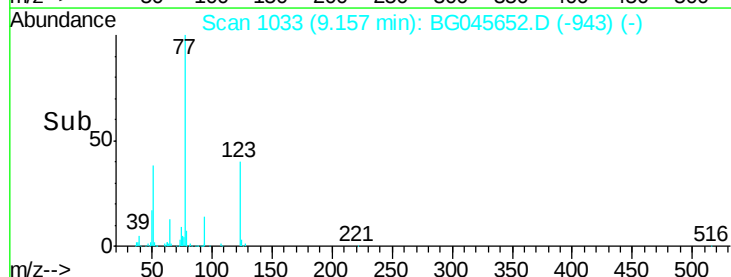
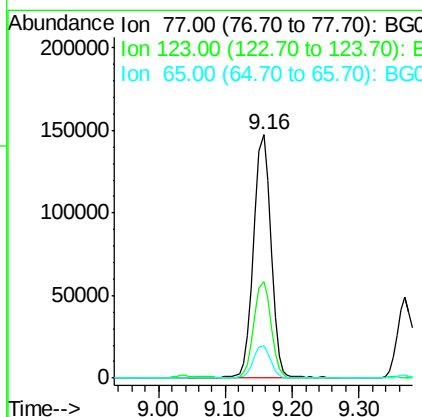
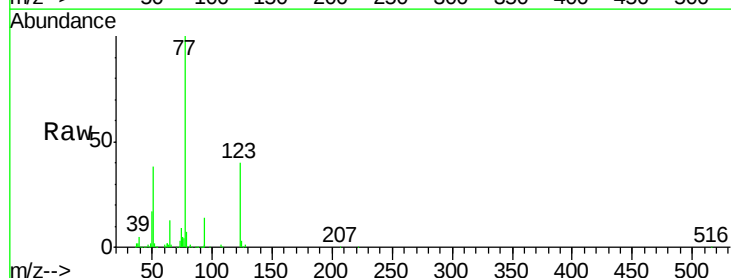
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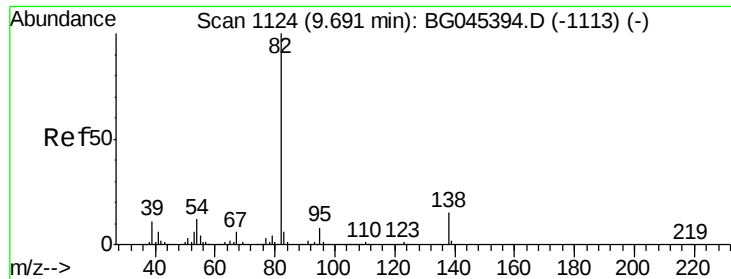
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#24
 Nitrobenzene
 Concen: 53.850 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.5	32.9	49.3	
65	13.1	9.4	14.2	





#25

Isophorone

Concen: 53.454 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

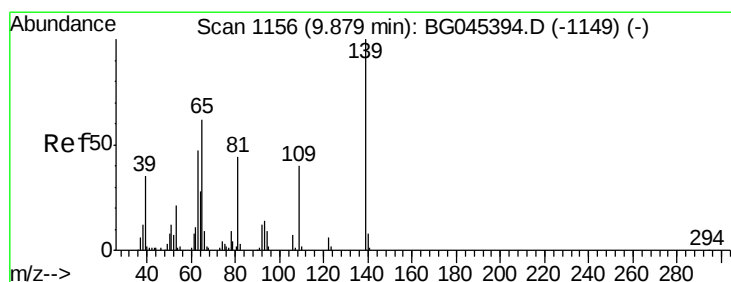
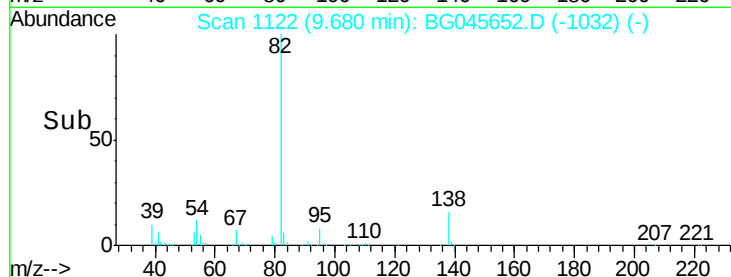
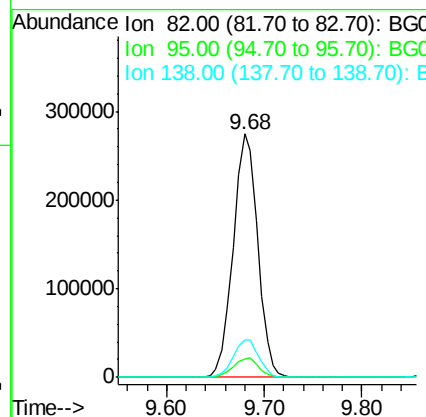
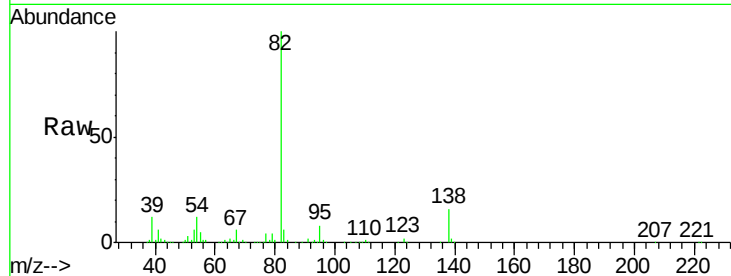
ClientSampleId :

PL-01-060320MSD

Tot Ion:	82	Resp:	478218
Ion Ratio		Lower	Upper
82	100		
95	7.7	6.7	10.1
138	15.5	12.2	18.4

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#26

2-Nitrophenol

Concen: 55.201 ng

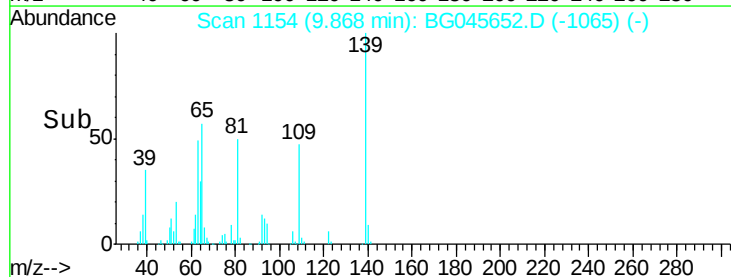
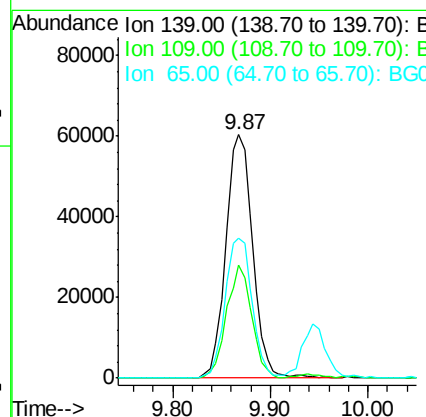
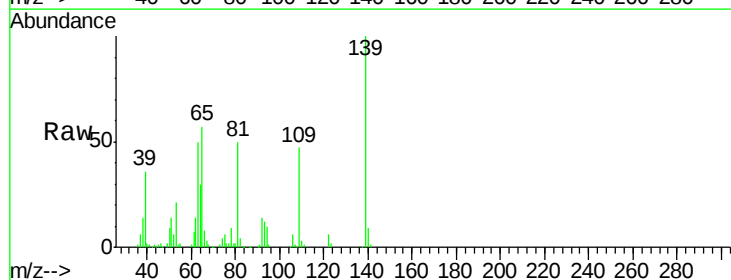
RT: 9.87 min Scan# 1154

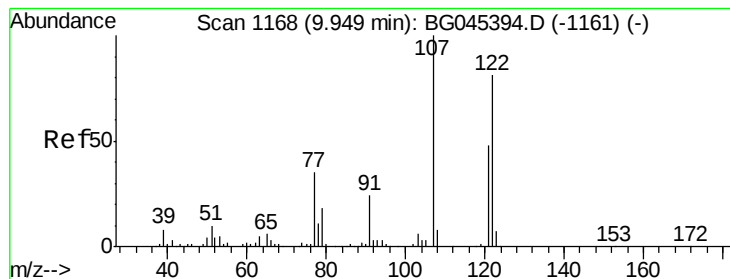
Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Tgt Ion:	139	Resp:	114931
Ion Ratio		Lower	Upper
139	100		
109	46.7	32.2	48.4
65	57.3	49.6	74.4





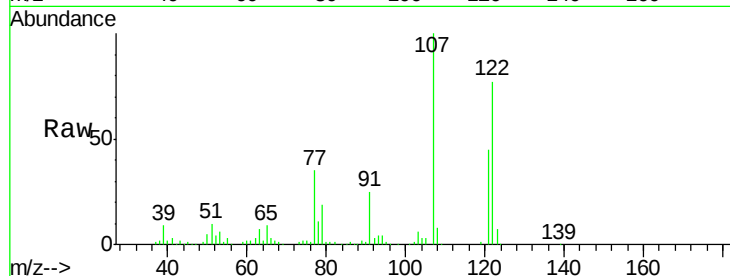
#27
 2,4-Dimethylphenol
 Concen: 60.166 ng
 RT: 9.94 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MSD

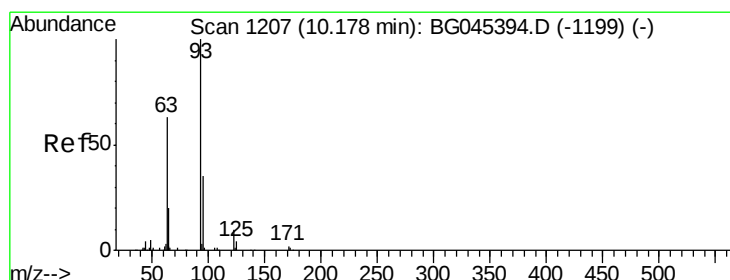
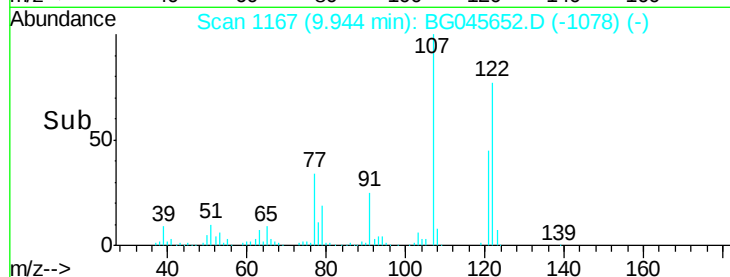
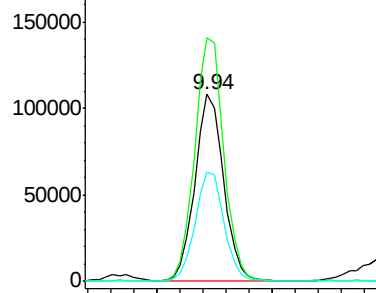
Tot Ion	Ratio	Lower	Upper
122	100		
107	130.1	99.0	148.4
121	58.4	47.7	71.5

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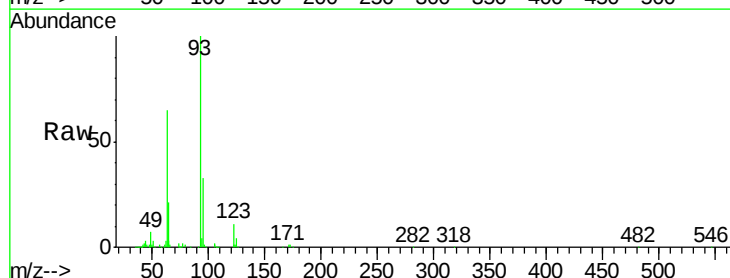


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

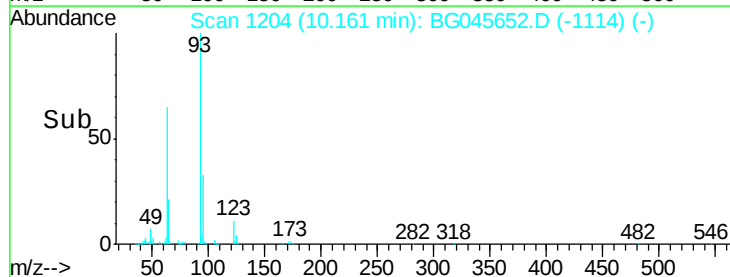
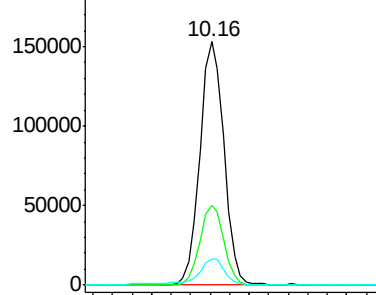


#28
 bis(2-Chloroethoxy)methane
 Concen: 55.985 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG045652.D
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Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.6	41.4
123	10.5	8.1	12.1



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





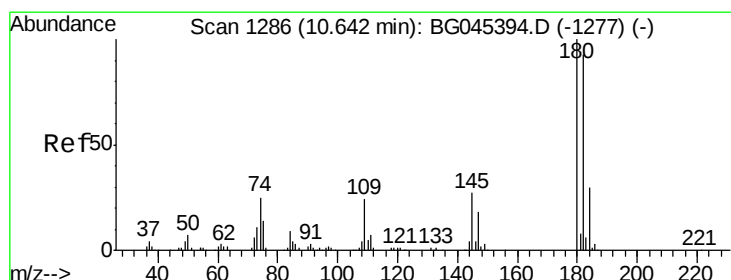
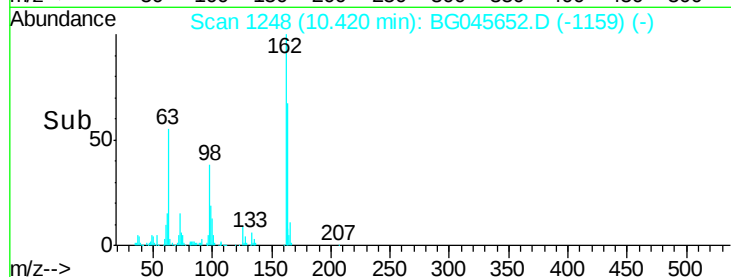
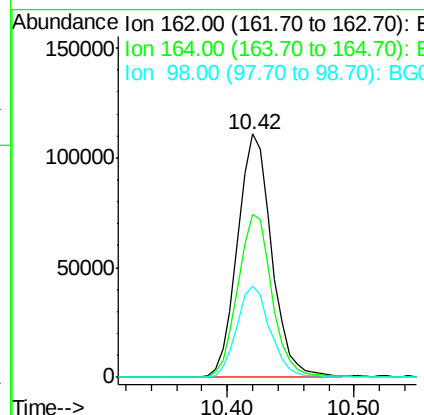
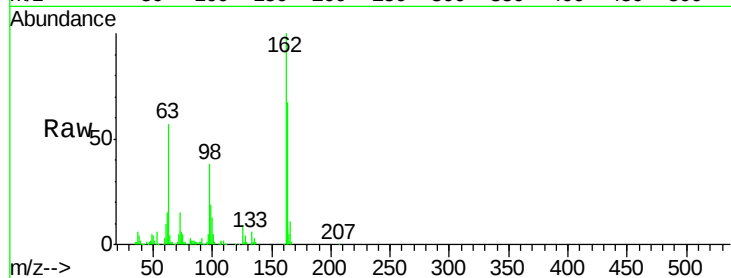
#29
2,4-Dichlorophenol
Concen: 56.710 ng
RT: 10.42 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	46.8	86.8
98	37.7	15.2	55.2

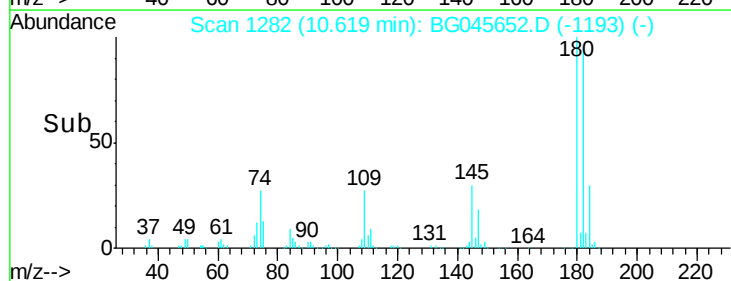
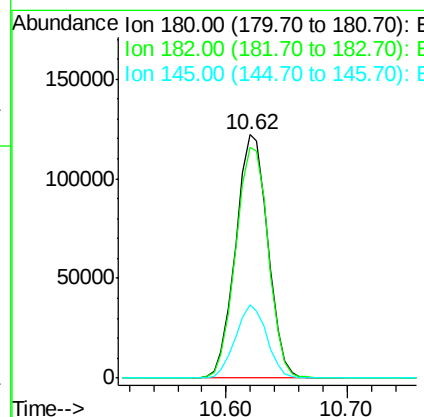
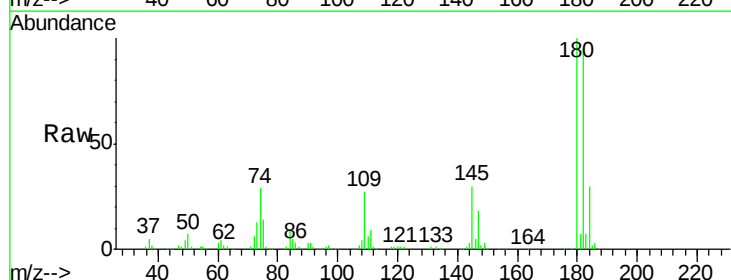
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#30
1,2,4-Trichlorobenzene
Concen: 52.642 ng
RT: 10.62 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	74.8	112.2
145	30.1	21.9	32.9





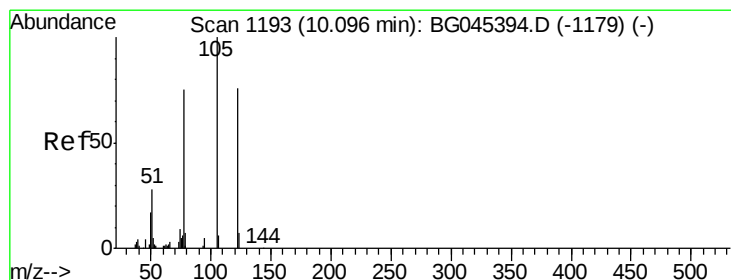
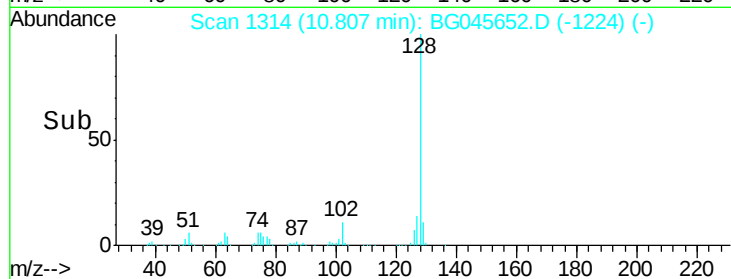
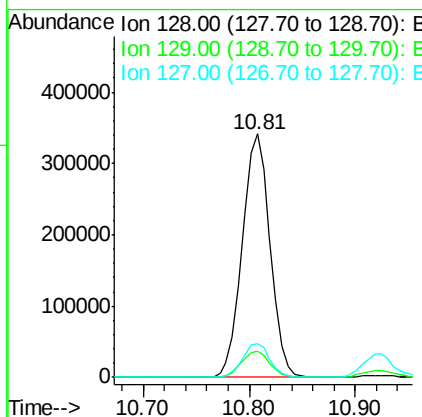
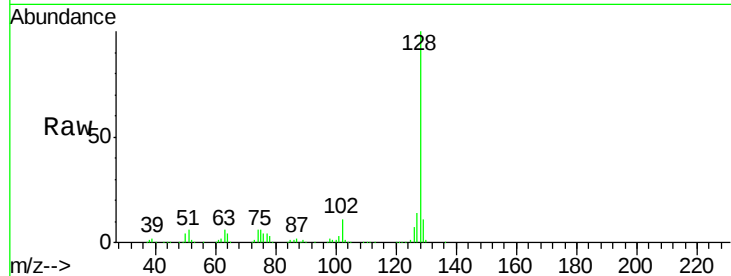
#31
Naphthalene
Concen: 53.782 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	14.0	10.7	16.1

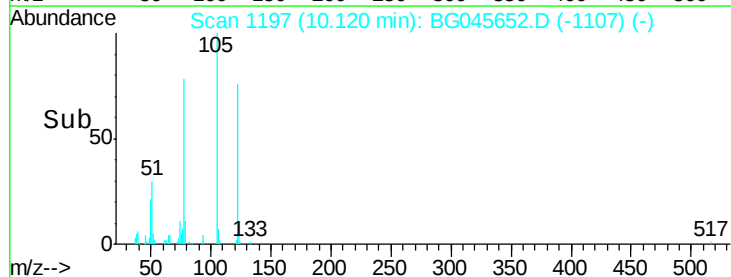
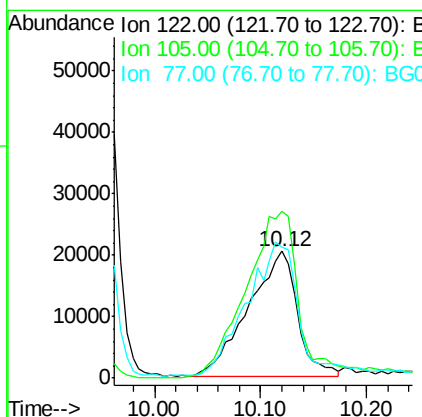
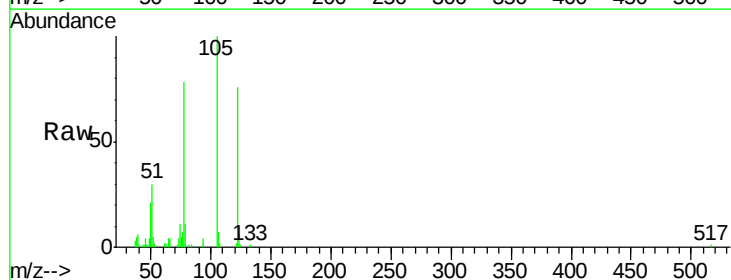
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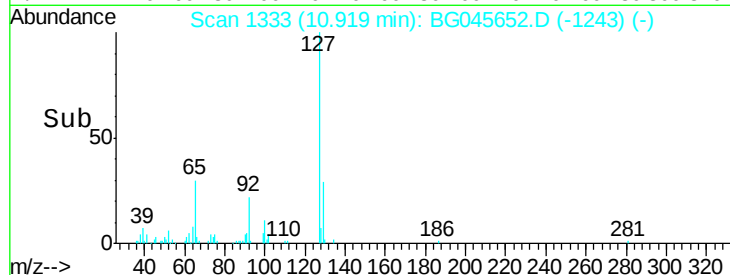
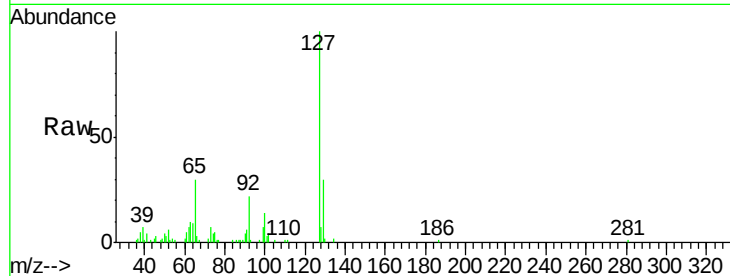
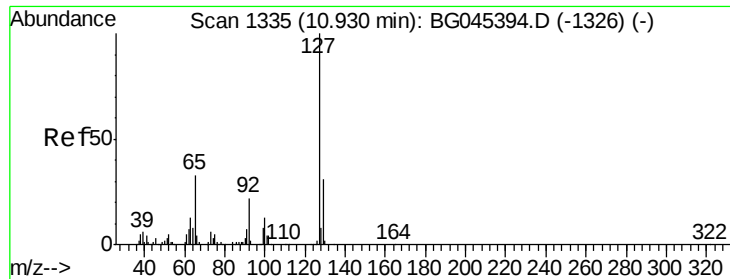
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#32
Benzoic acid
Concen: 34.893 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.8	107.9	147.9
77	103.1	78.9	118.9





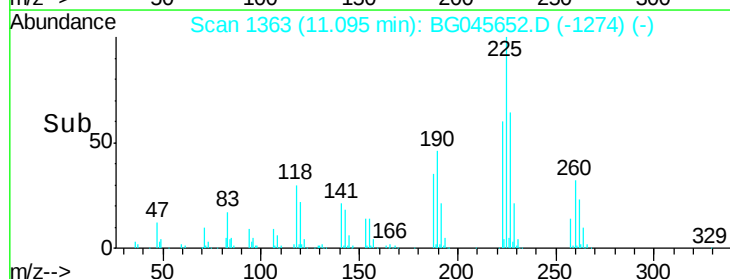
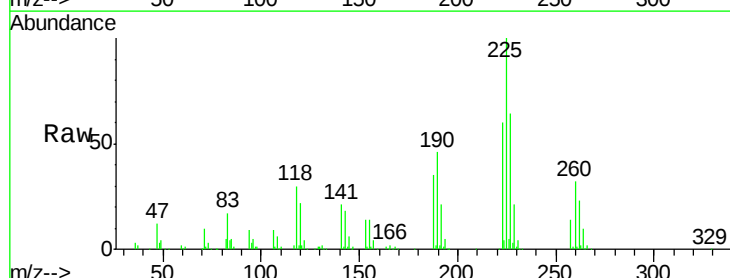
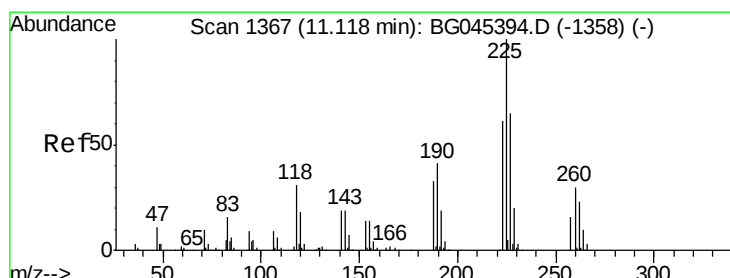
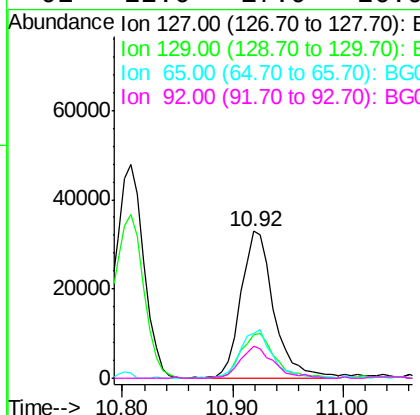
#33
4-Chloroaniline
Concen: 14.274 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.7	24.7	37.1
65	30.2	26.2	39.2
92	22.0	17.9	26.9

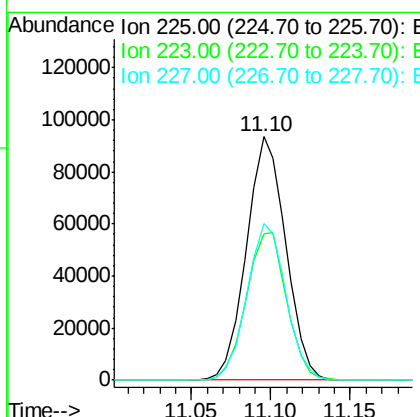
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#34
Hexachlorobutadiene
Concen: 52.723 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	49.1	73.7
227	64.5	52.0	78.0





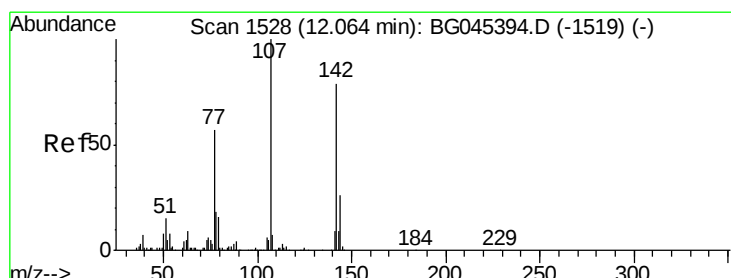
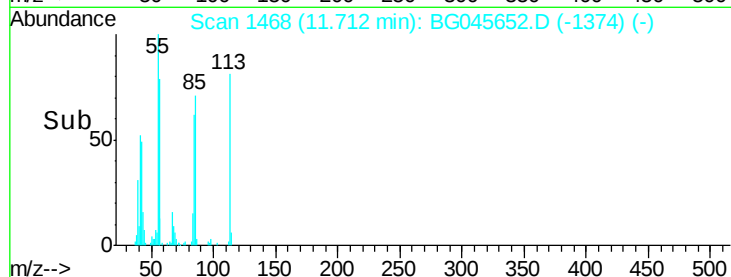
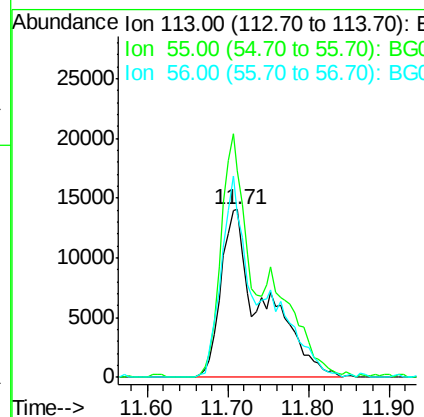
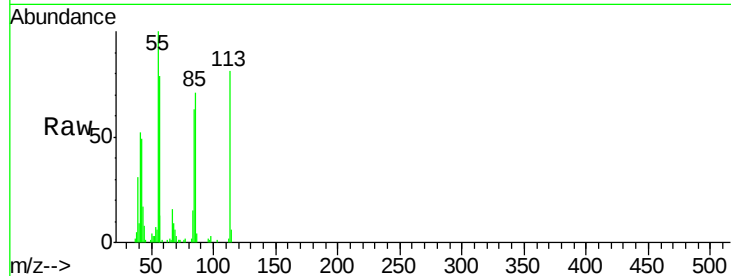
#35
Caprolactam
Concen: 38.547 ng/ml
RT: 11.71 min Scan# 1468
Delta R.T. 0.02 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	123.5	96.0	136.0
56	97.2	75.1	115.1

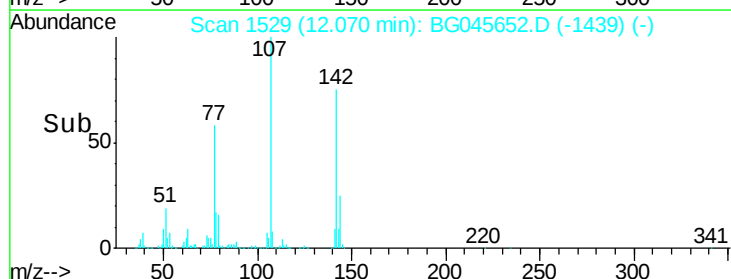
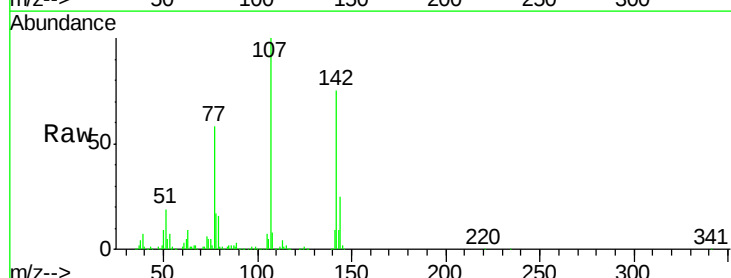
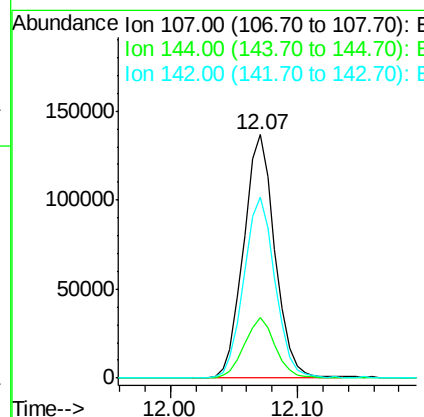
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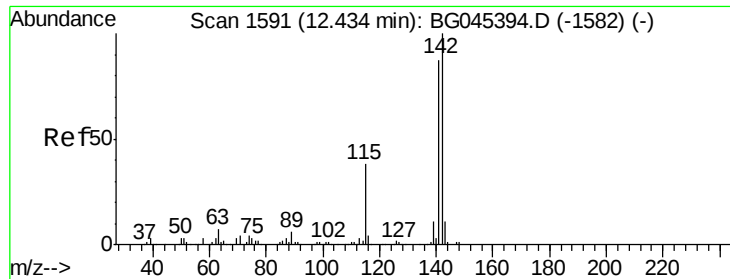
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#36
4-Chloro-3-methylphenol
Concen: 57.002 ng/ml
RT: 12.07 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.8	31.2
142	74.5	62.8	94.2





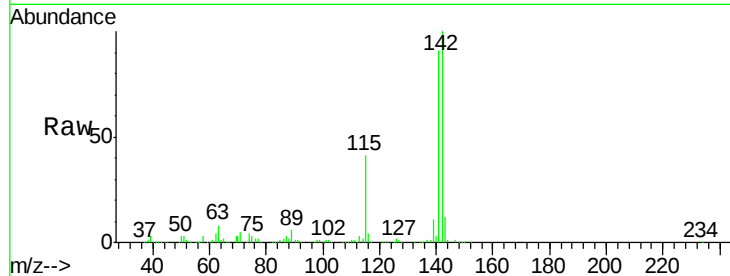
#37
2-Methylnaphthalene
Concen: 54.049 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

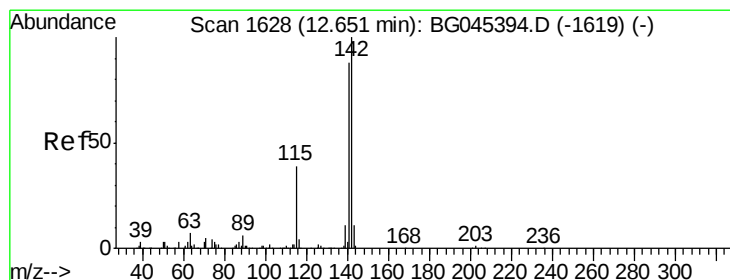
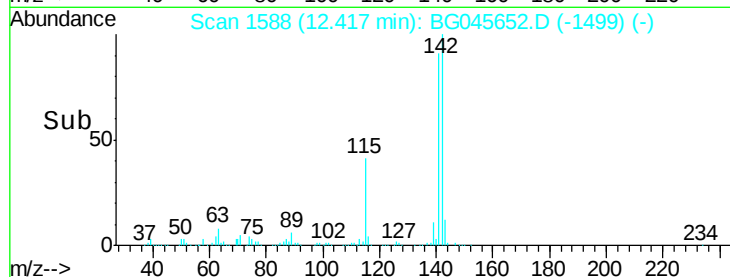
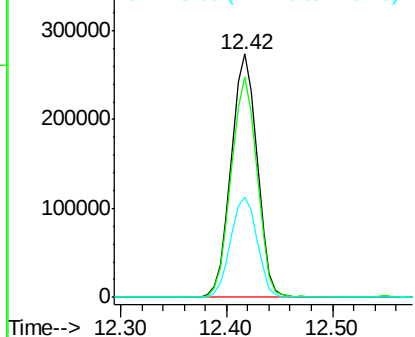
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.0	105.0
115	41.1	30.8	46.2

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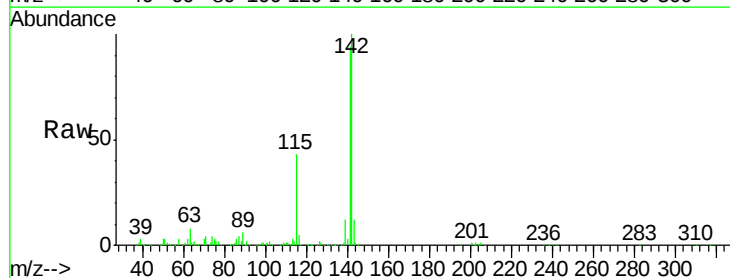


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

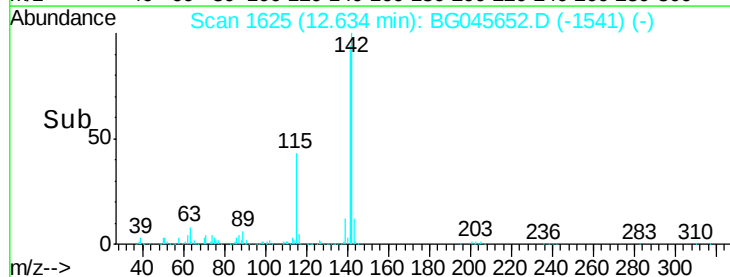
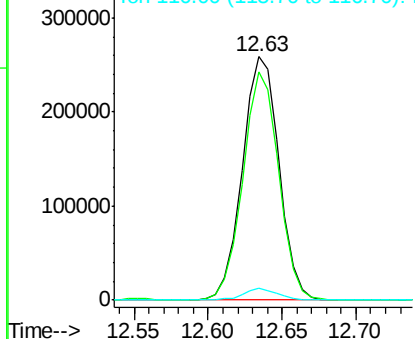


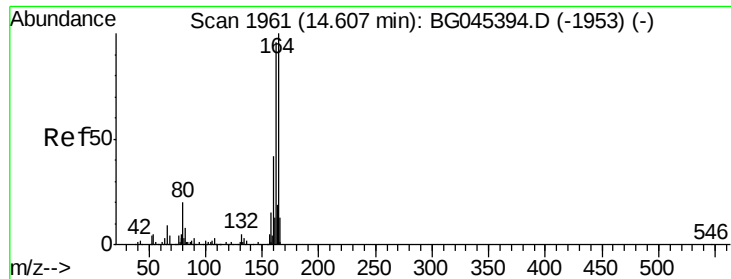
#38
1-Methylnaphthalene
Concen: 54.922 ng m
RT: 12.63 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	70.8	106.2
116	4.8	3.0	4.6#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

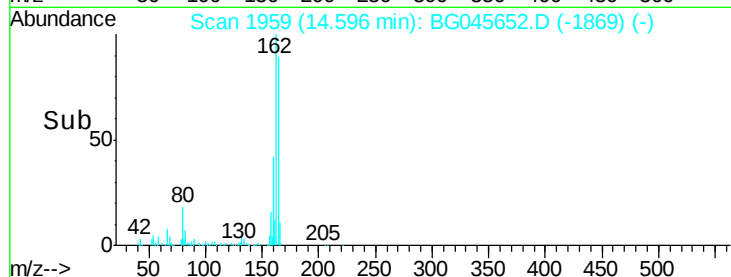
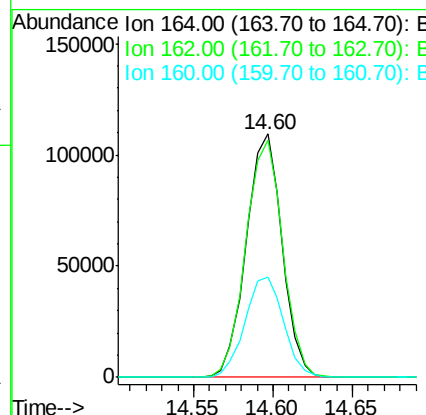
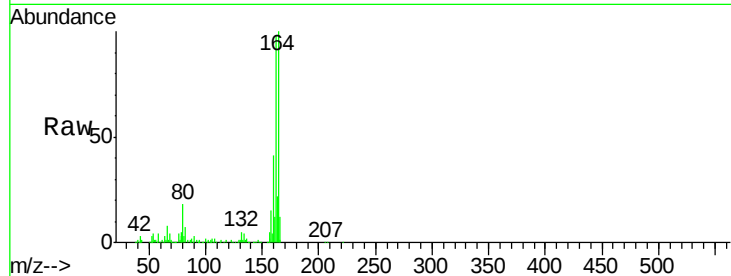
ClientSampleId :

PL-01-060320MSD

Tot Ion:	164	Resp:	171864
Ion Ratio	Lower	Upper	
164	100		
162	97.6	76.9	115.3
160	41.1	33.8	50.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.873 ng

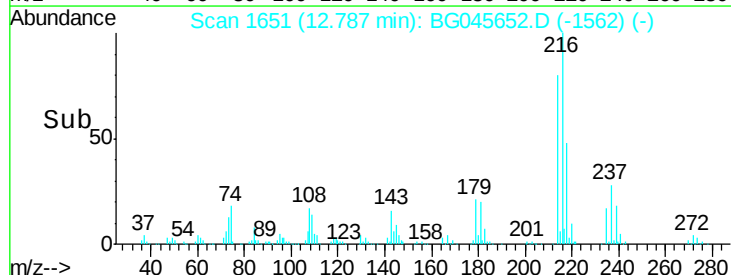
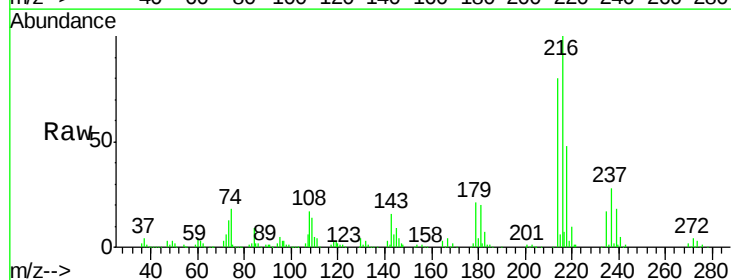
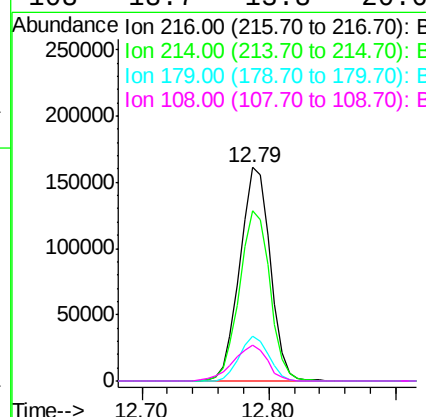
RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Tgt Ion:	216	Resp:	268212
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.7	95.5
179	20.2	16.1	24.1
108	18.7	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 94.017 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

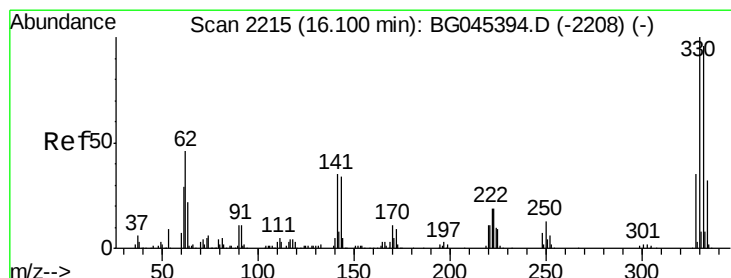
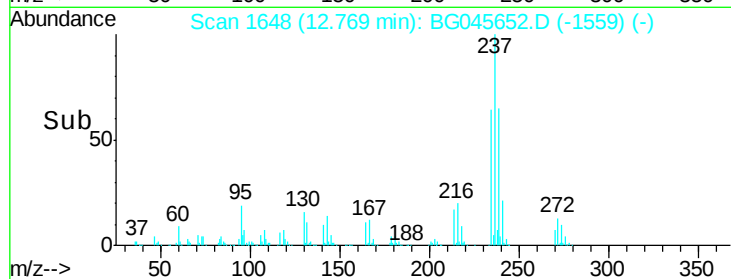
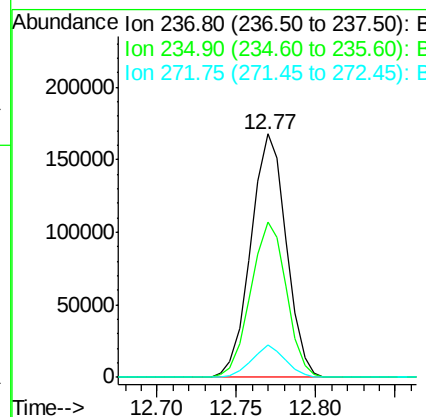
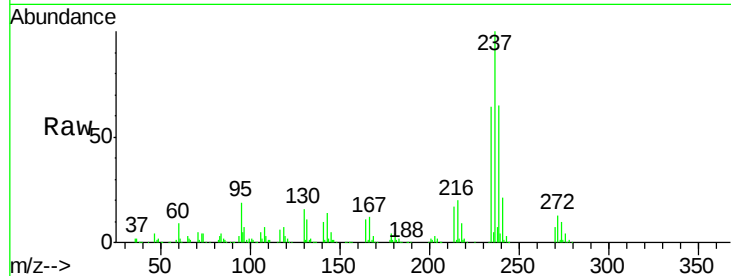
ClientSampleId :

PL-01-060320MSD

Tot Ion:	237	Resp:	260495
Ion Ratio	Lower	Upper	
237	100		
235	63.7	44.4	84.4
272	13.3	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 160.291 ng

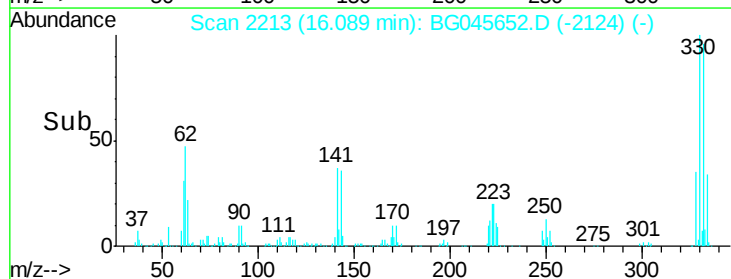
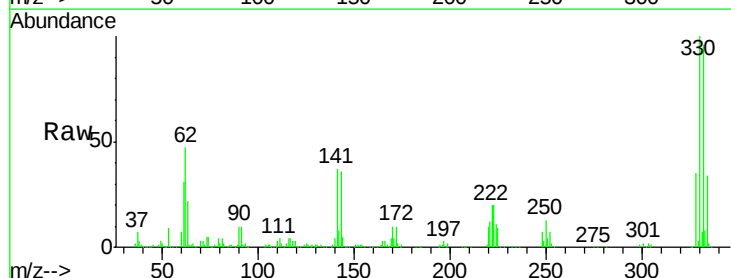
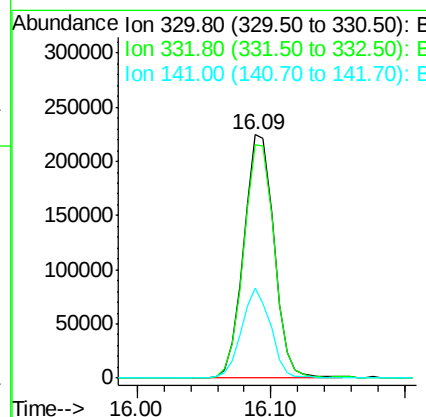
RT: 16.09 min Scan# 2213

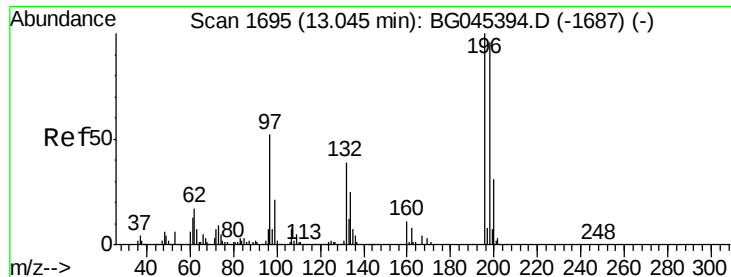
Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Tgt Ion:	330	Resp:	352311
Ion Ratio	Lower	Upper	
330	100		
332	97.3	78.2	117.4
141	35.3	28.2	42.4





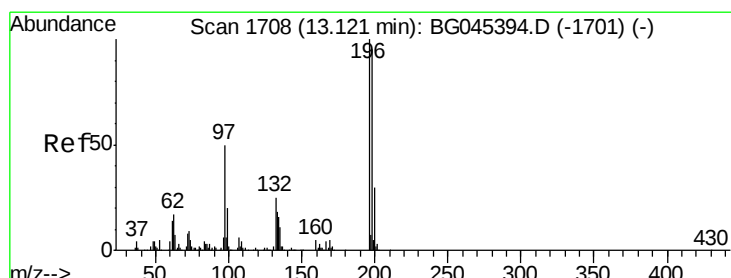
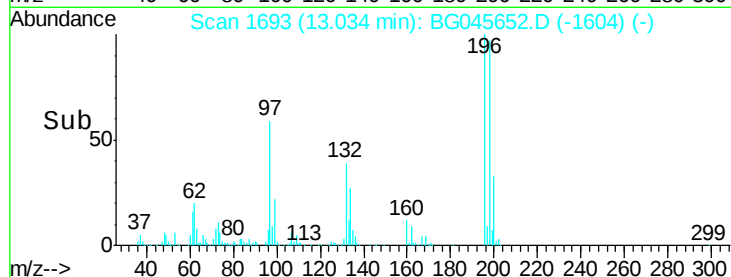
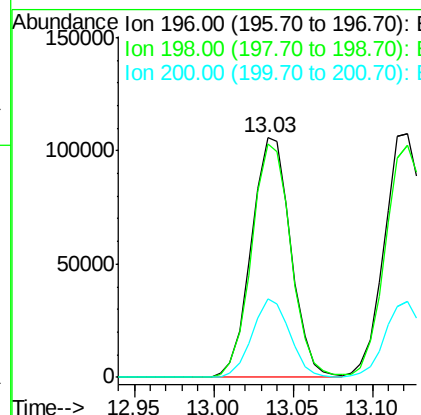
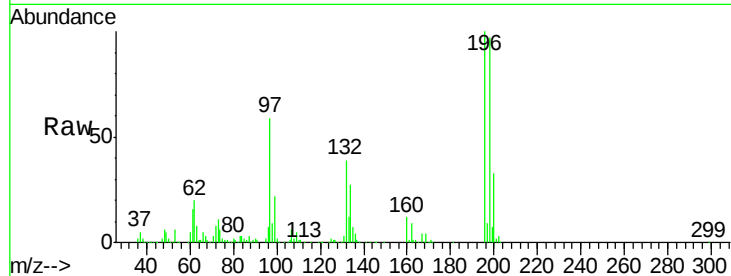
#43
 2,4,6-Trichlorophenol
 Concen: 54.893 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	183051		
198	97.4	76.7	115.1	
200	32.7	24.9	37.3	

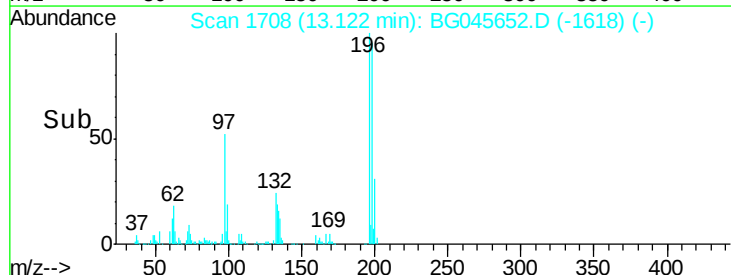
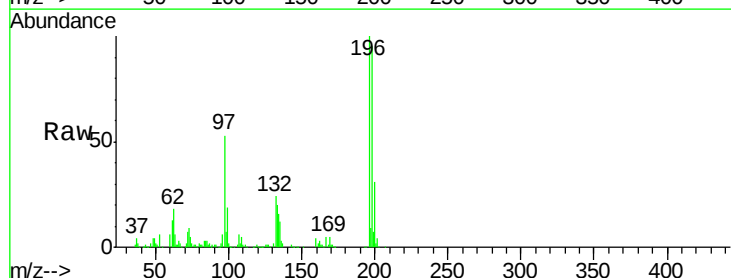
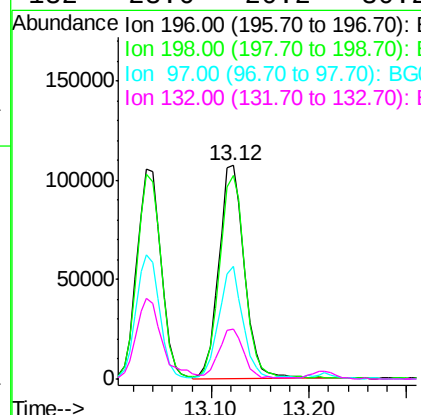
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#44
 2,4,5-Trichlorophenol
 Concen: 50.910 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	194002		
198	95.2	76.1	114.1	
97	52.7	40.0	60.0	
132	23.6	20.2	30.2	





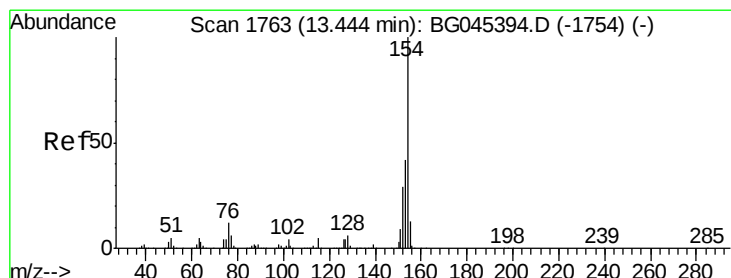
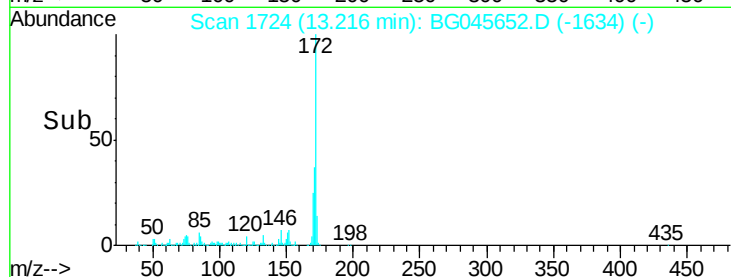
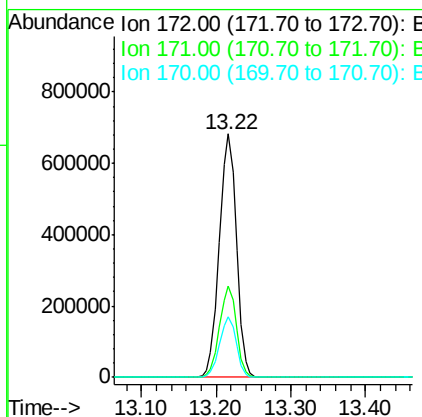
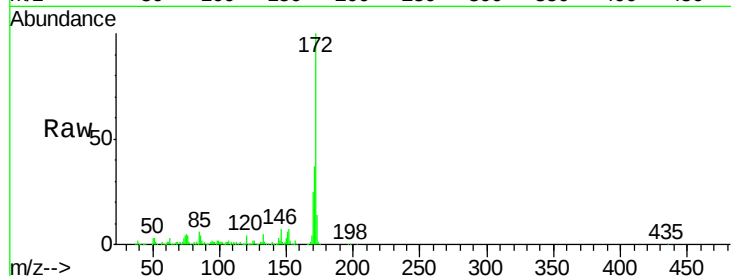
#45
2-Fluorobiphenyl
Concen: 107.568 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.5	44.3
170	24.7	18.5	27.7

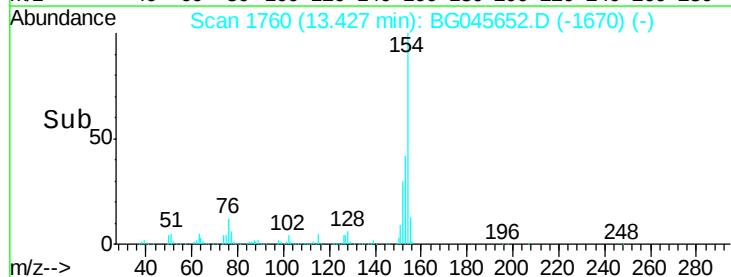
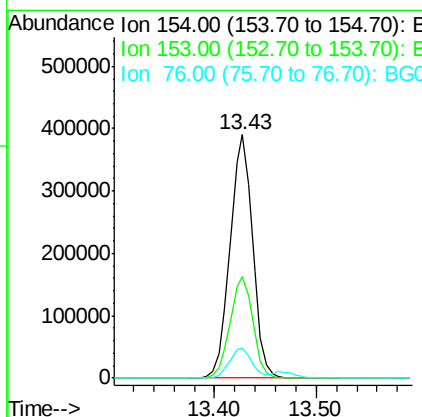
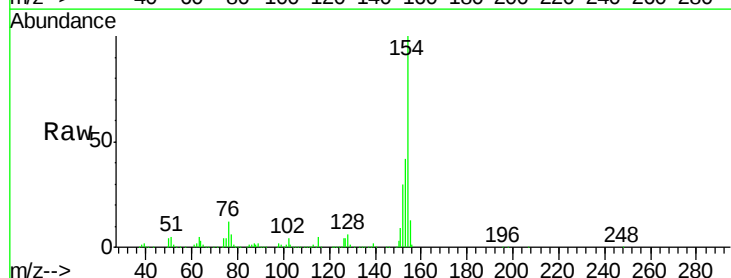
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#46
1,1'-Biphenyl
Concen: 56.893 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.2	62.2
76	12.2	0.0	32.4





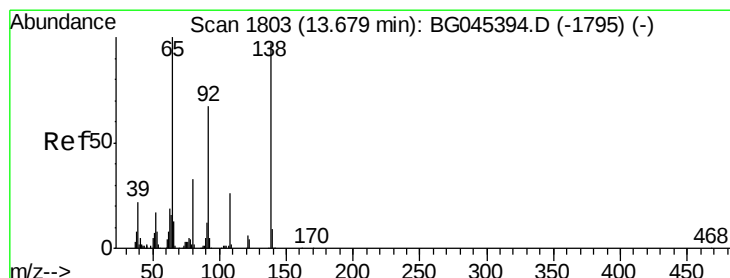
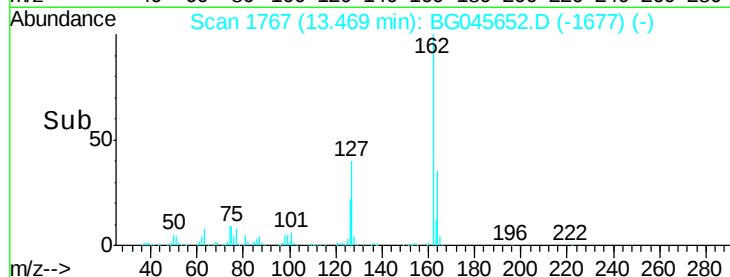
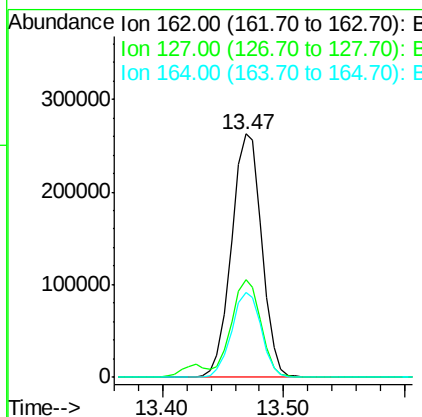
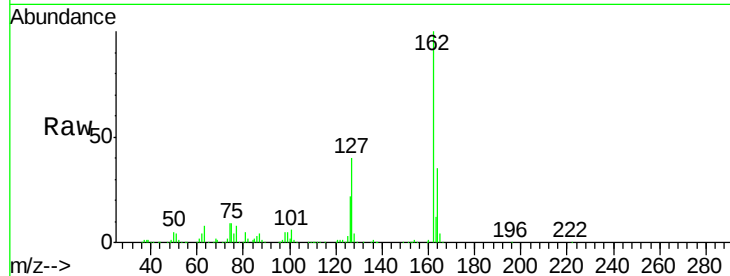
#47
2-Chloronaphthalene
Concen: 53.237 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.6	47.4
164	34.9	28.1	42.1

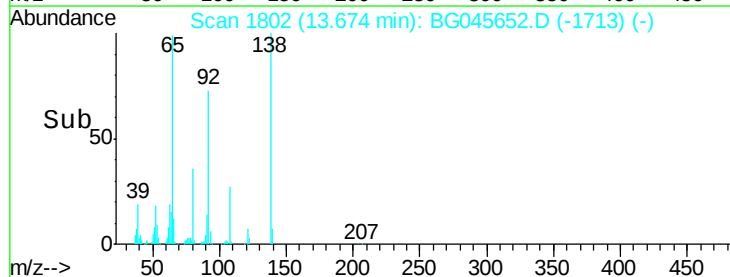
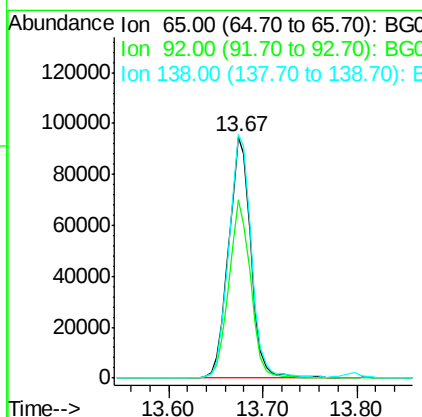
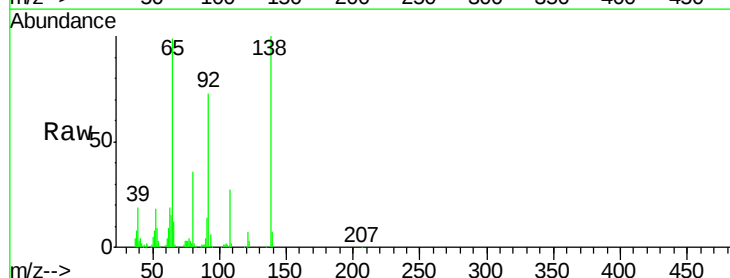
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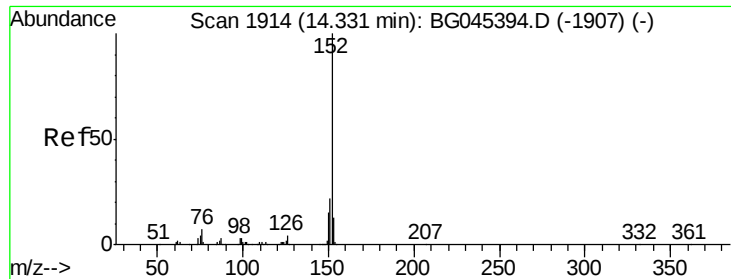
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#48
2-Nitroaniline
Concen: 55.165 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	53.8	80.8
138	100.9	77.9	116.9





#49

Acenaphthylene

Concen: 54.353 ng

RT: 14.31 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

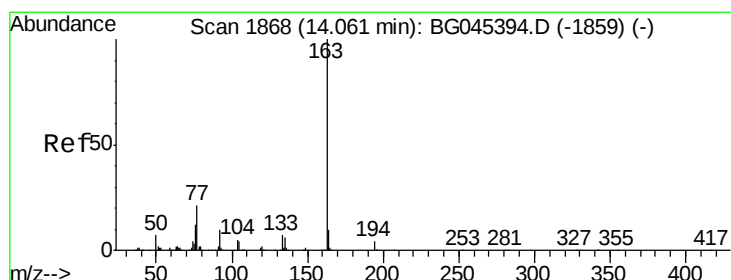
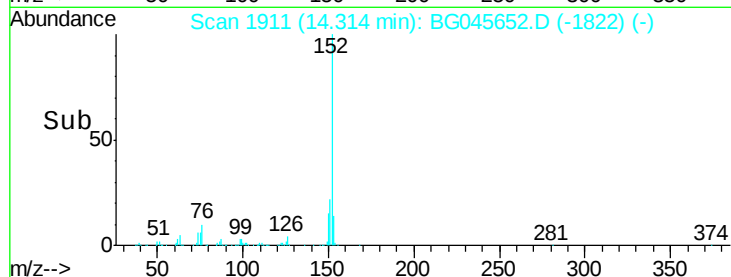
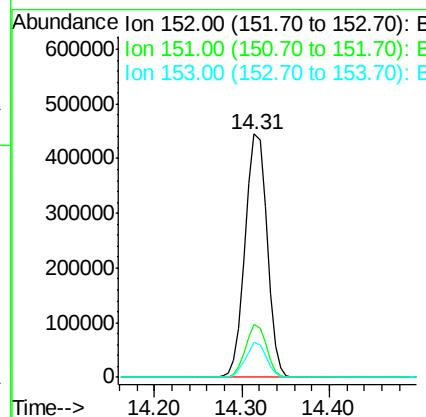
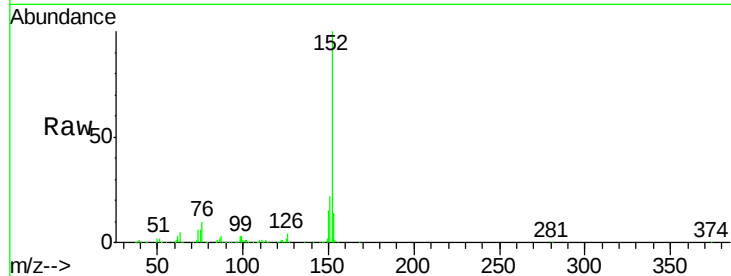
ClientSampleId :

PL-01-060320MSD

Tot Ion:	152	Resp:	748660
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.4	26.2
153	14.2	10.7	16.1

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#50

Dimethylphthalate

Concen: 64.432 ng

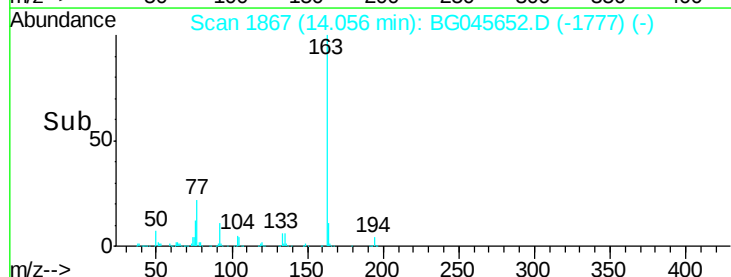
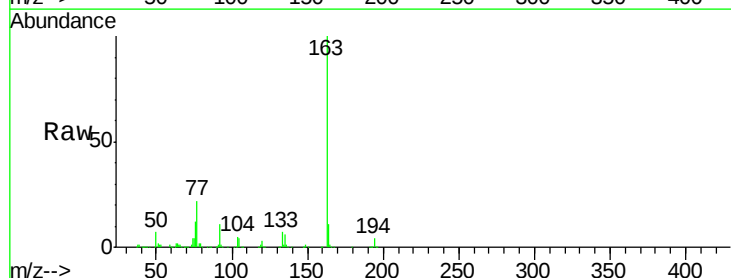
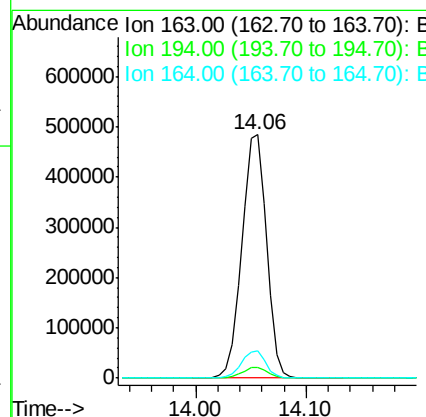
RT: 14.06 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Tgt Ion:	163	Resp:	759640
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.2	4.8
164	11.1	8.3	12.5





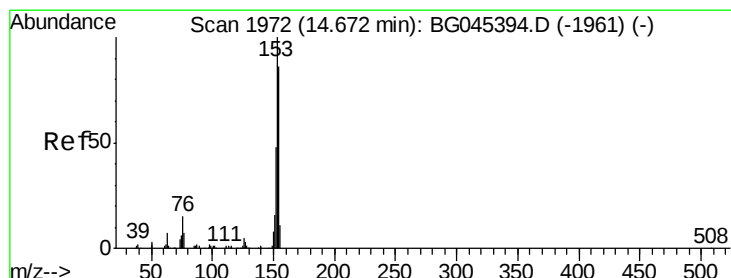
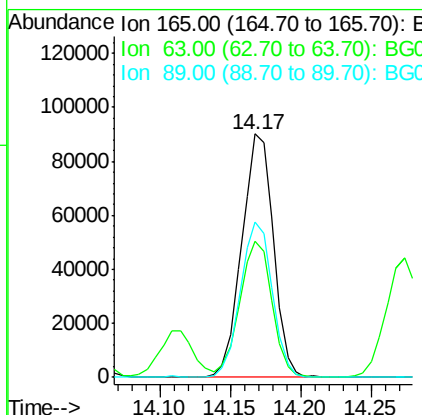
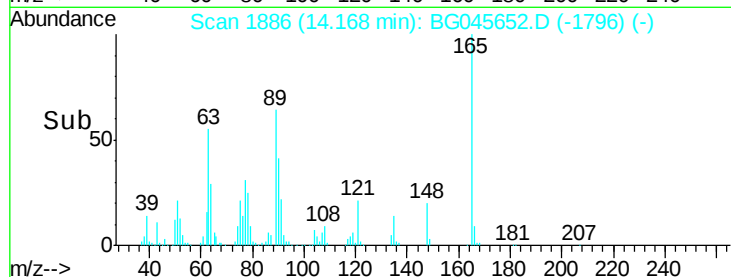
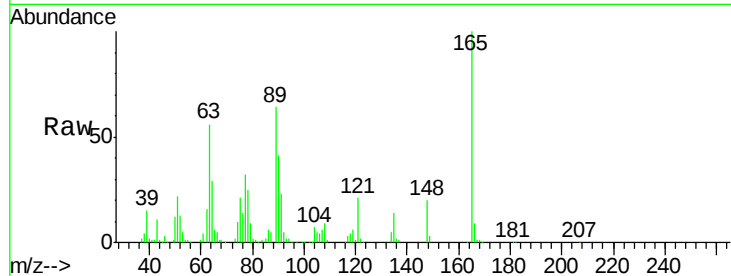
#51
 2,6-Dinitrotoluene
 Concen: 53.288 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	141766		
63	56.0	45.0	67.4	
89	63.8	50.2	75.4	

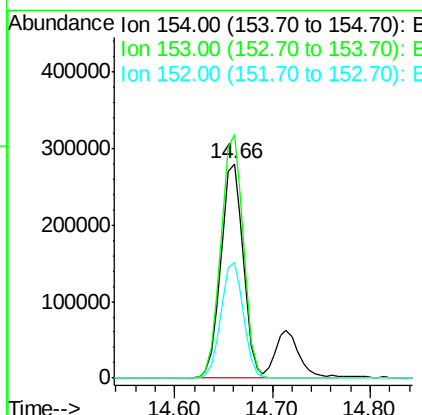
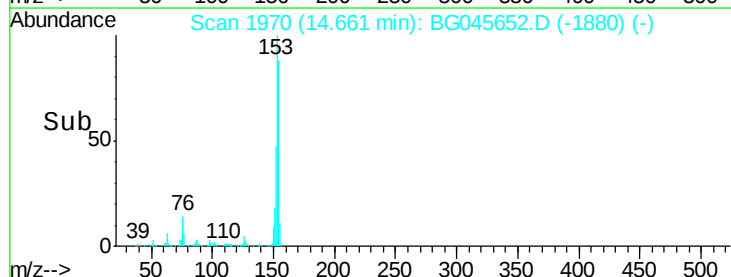
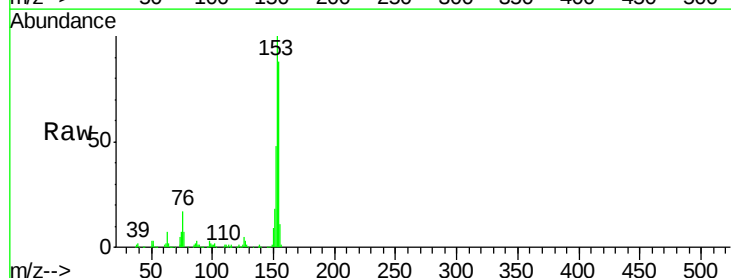
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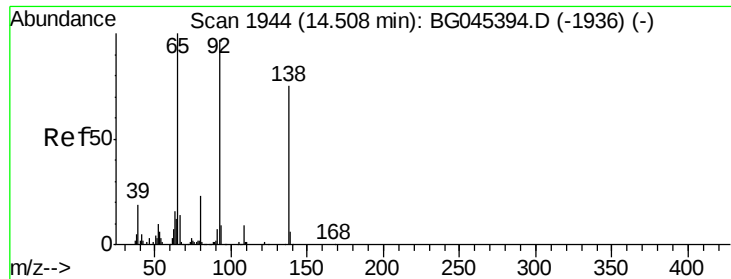
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#52
 Acenaphthene
 Concen: 59.624 ng m
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	549742		
153	113.4	92.8	139.2	
152	54.0	44.6	66.8	





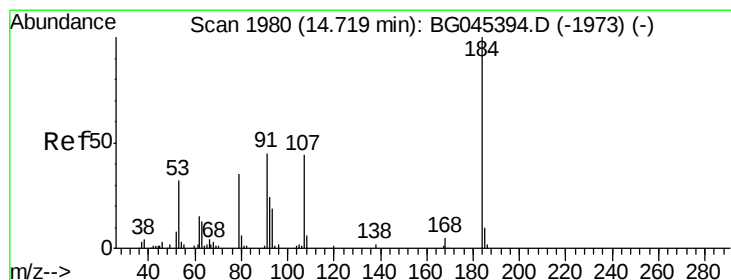
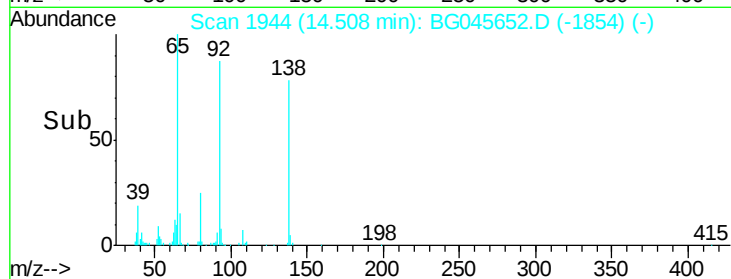
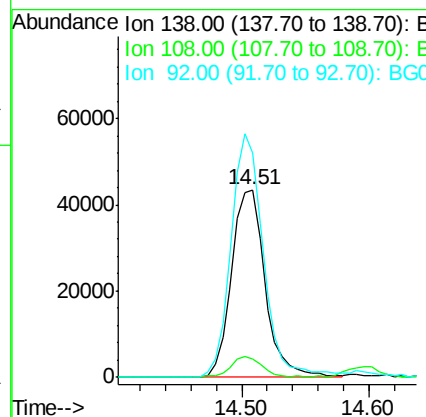
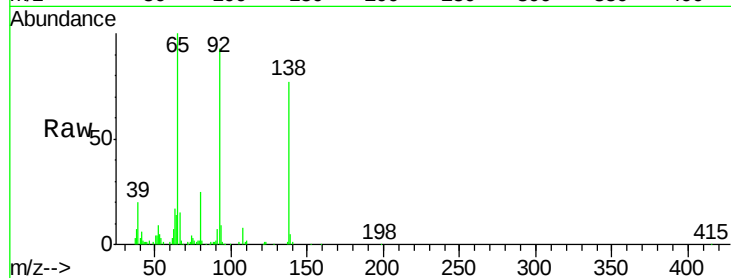
#53
 3-Nitroaniline
 Concen: 29.444 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.8	14.6
92	119.7	103.0	154.4

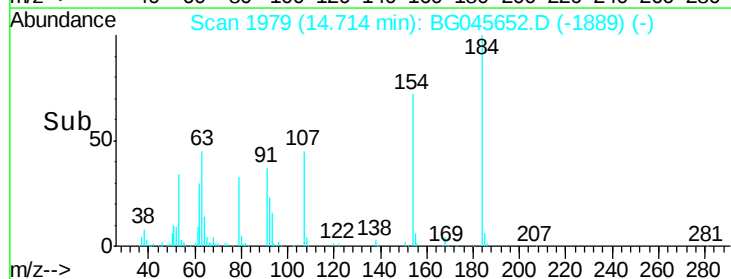
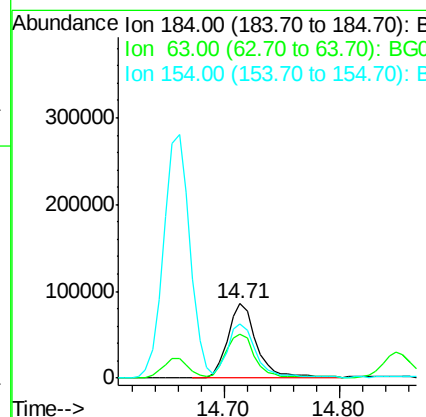
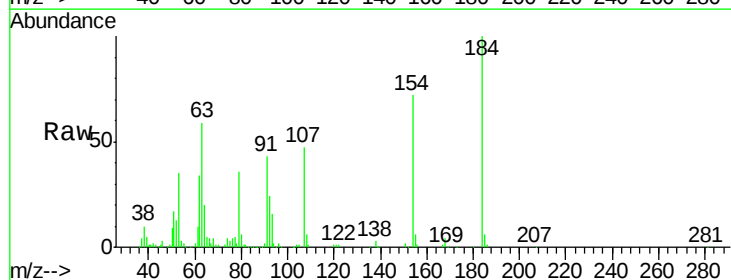
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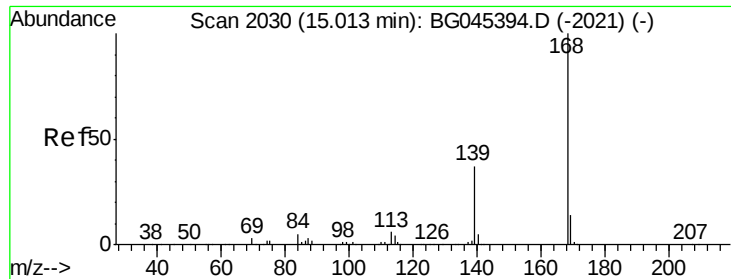
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#54
 2,4-Dinitrophenol
 Concen: 84.781 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.4	47.8	71.6
154	72.2	58.3	87.5





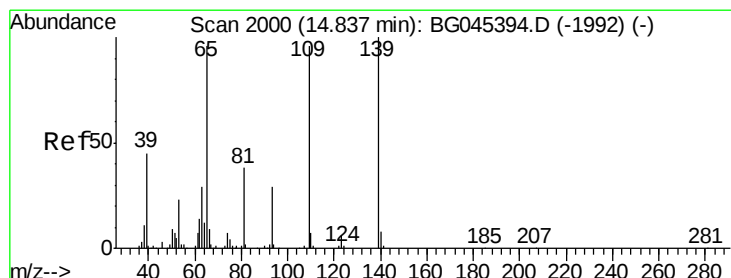
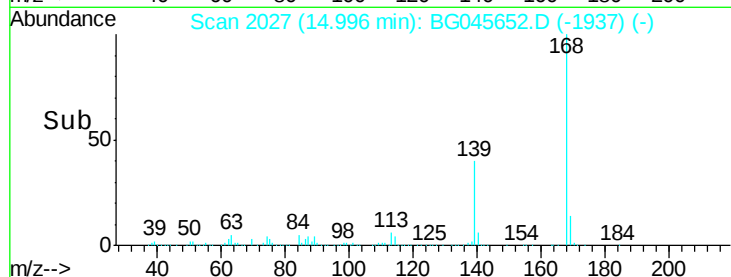
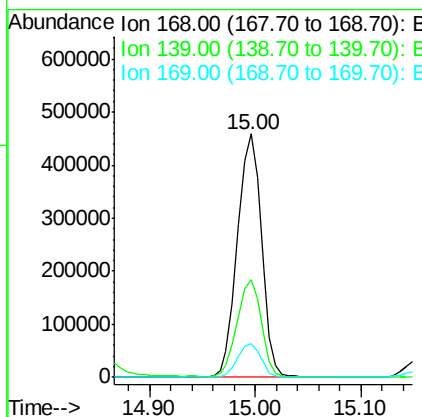
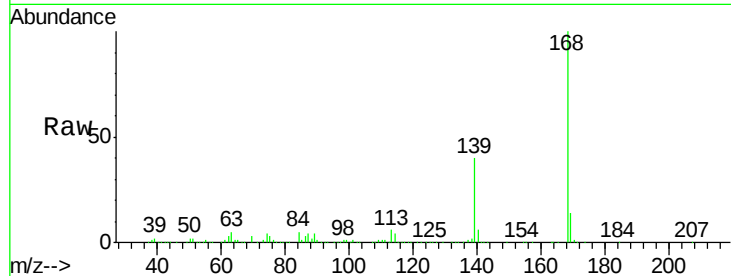
#55
Dibenzofuran
Concen: 52.865 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.3	29.9	44.9	
169	13.6	10.9	16.3	

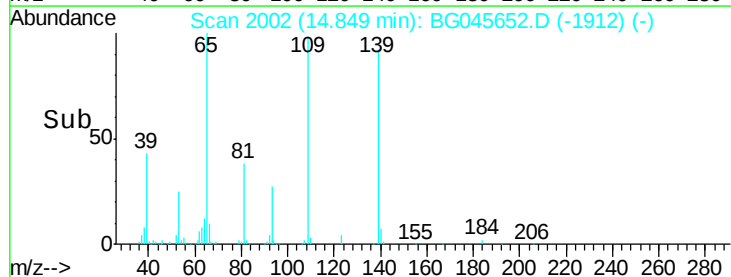
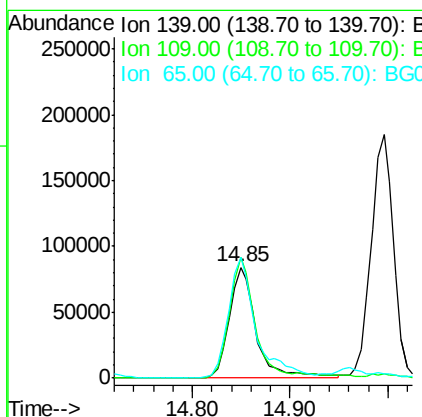
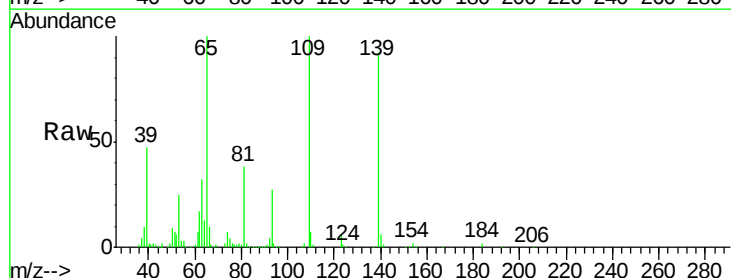
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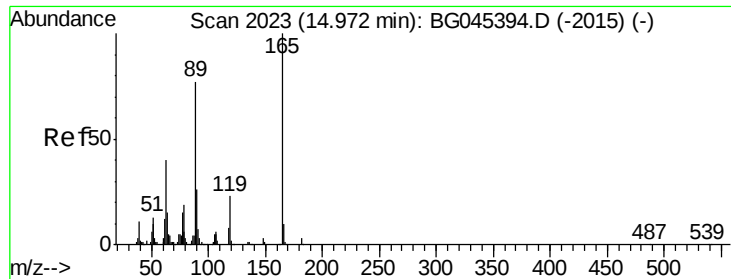
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#56
4-Nitrophenol
Concen: 78.438 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	108.6	75.6	115.6	
65	109.1	76.8	116.8	





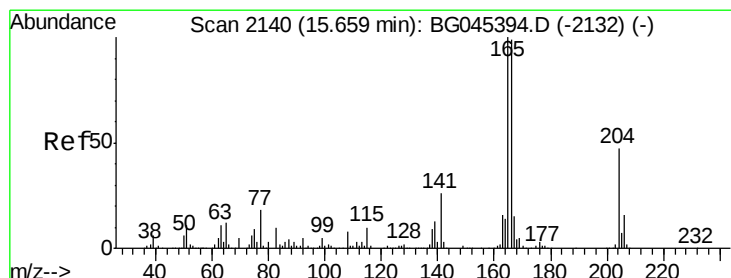
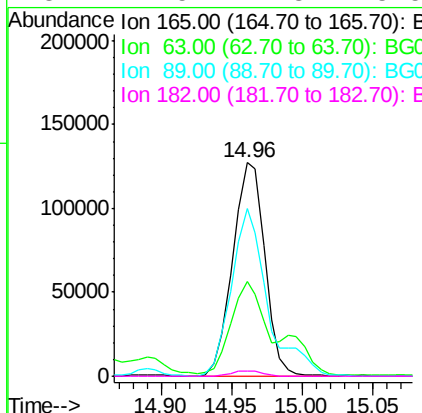
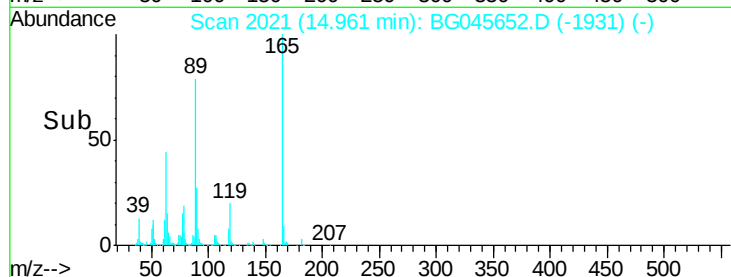
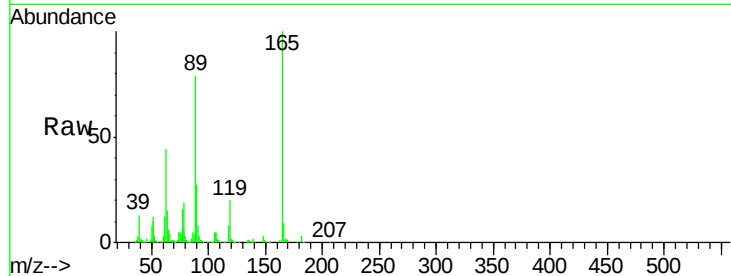
#57
2,4-Dinitrotoluene
Concen: 52.518 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.3	32.5	48.7
89	78.5	61.8	92.6
182	2.5	2.3	3.5

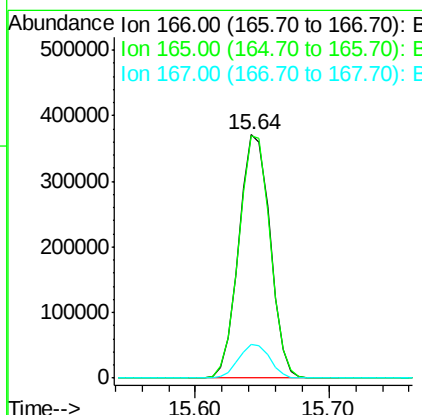
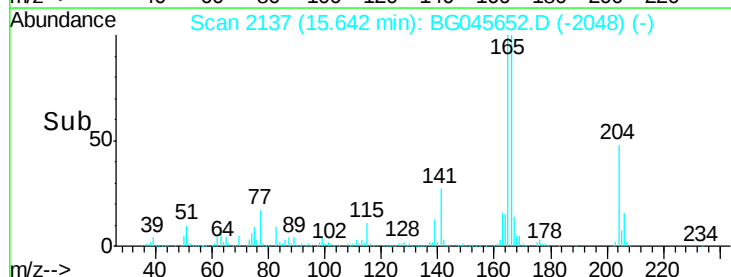
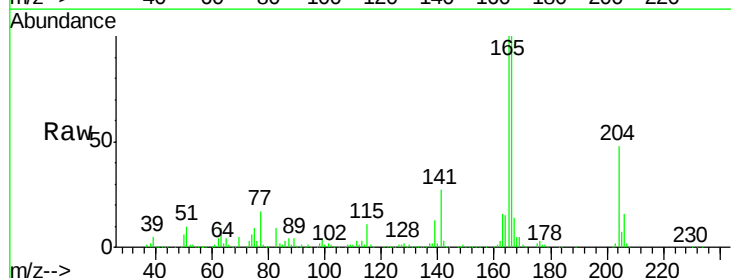
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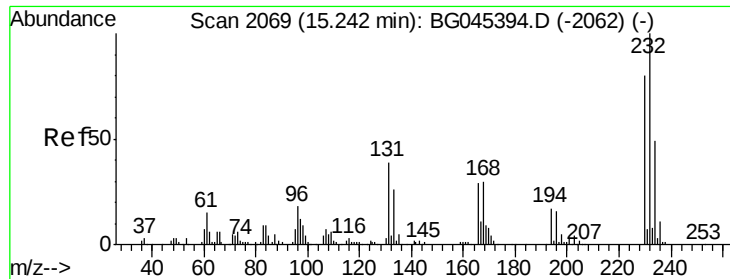
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#58
Fluorene
Concen: 53.394 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.8	121.2
167	13.8	12.0	18.0





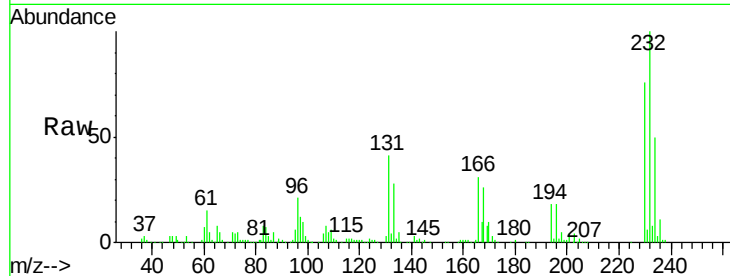
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.422 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MSD

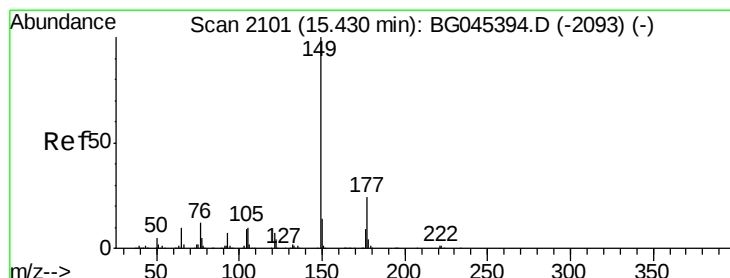
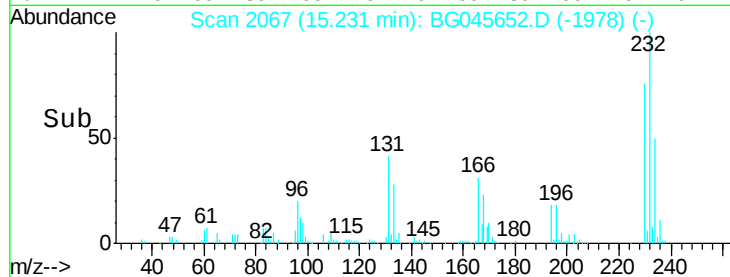
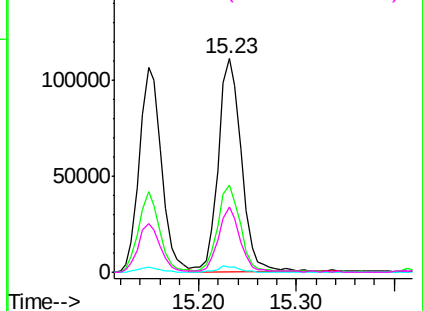
Tot Ion	Ratio	Lower	Upper
232	100		
131	39.4	33.7	50.5
130	2.8	2.1	3.1
166	28.4	23.2	34.8

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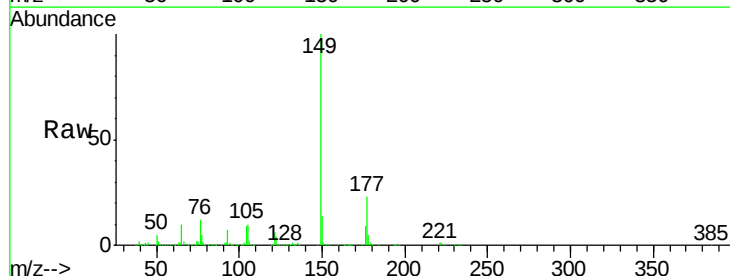


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

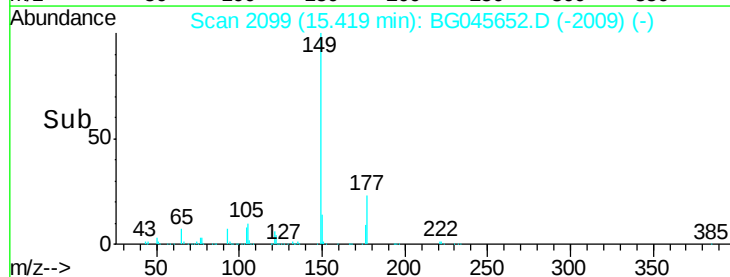
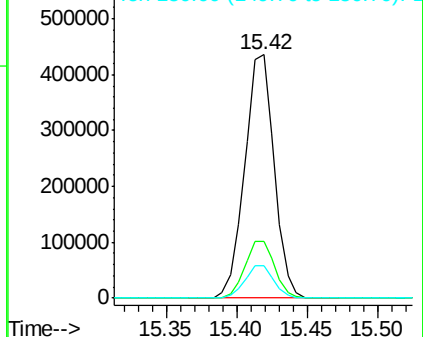


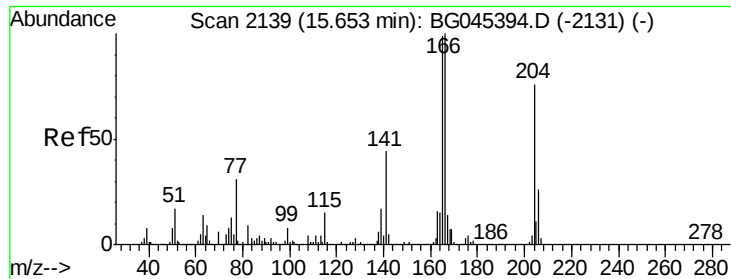
#60
 Diethylphthalate
 Concen: 51.925 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.4
150	13.5	11.4	17.0



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





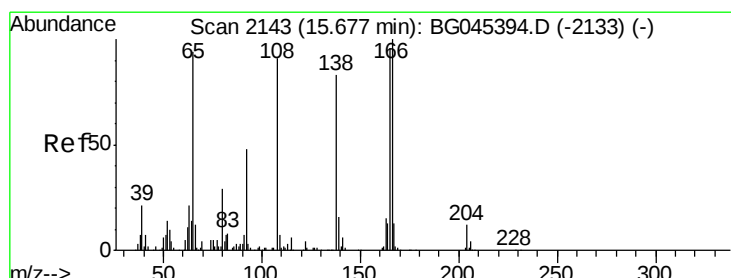
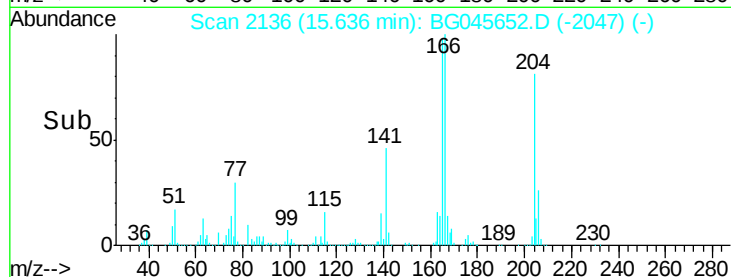
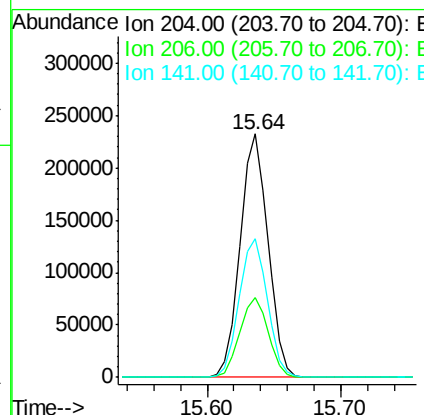
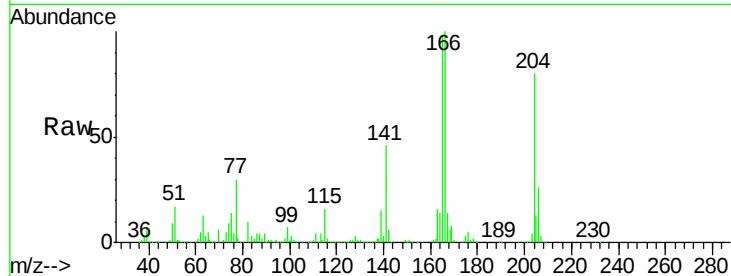
#61
4-Chlorophenyl-phenylether
Concen: 52.255 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	336364		
206	32.6	27.3	40.9	
141	56.8	45.9	68.9	

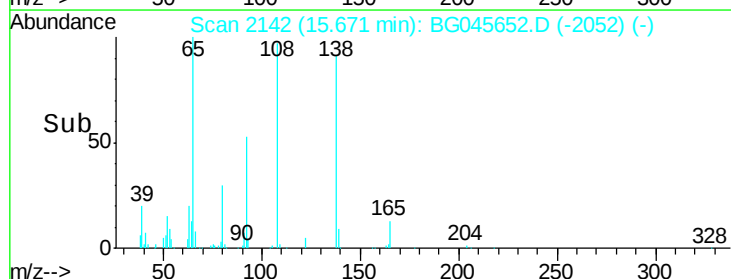
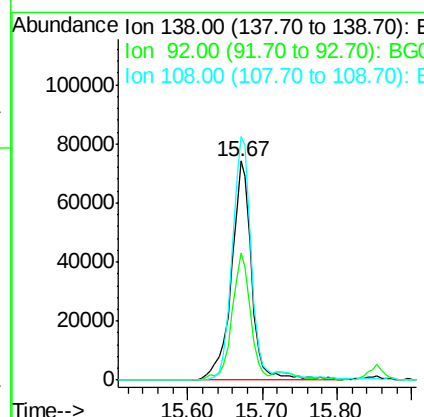
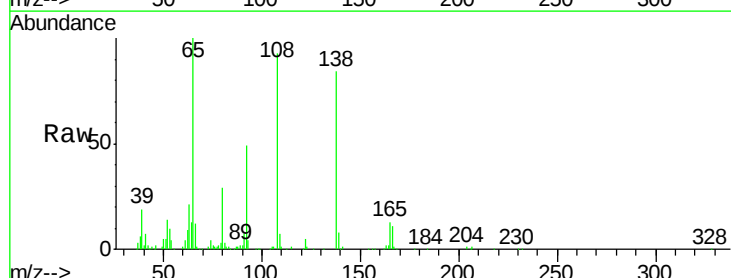
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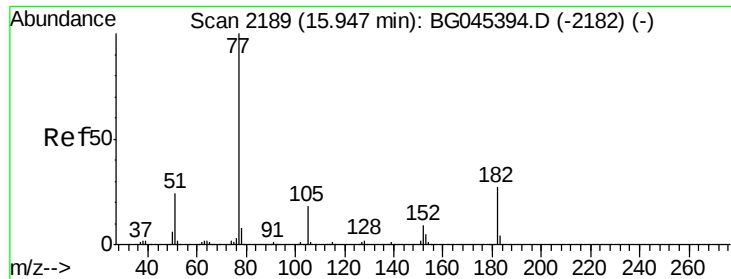
mohammad
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#62
4-Nitroaniline
Concen: 49.730 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	140402		
92	58.2	38.0	78.0	
108	111.2	89.3	129.3	





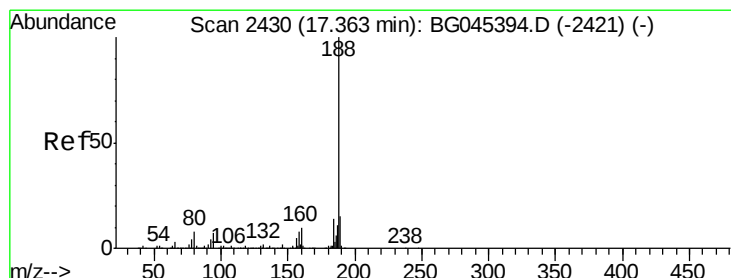
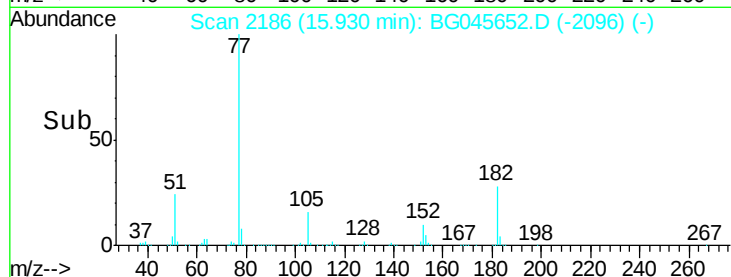
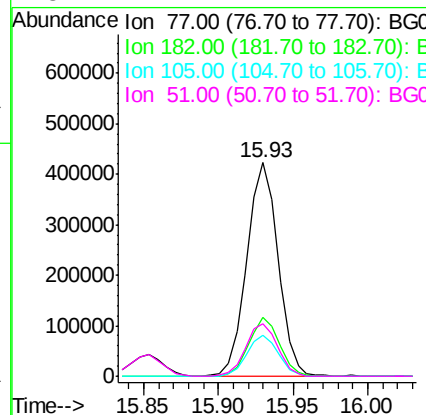
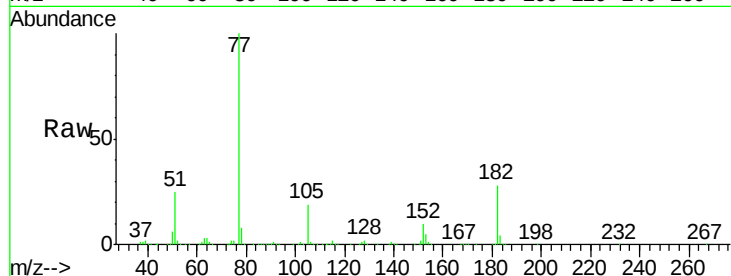
#63
Azobenzene
Concen: 53.244 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.6	6.5	46.5	
105	19.0	0.0	37.9	
51	24.7	4.1	44.1	

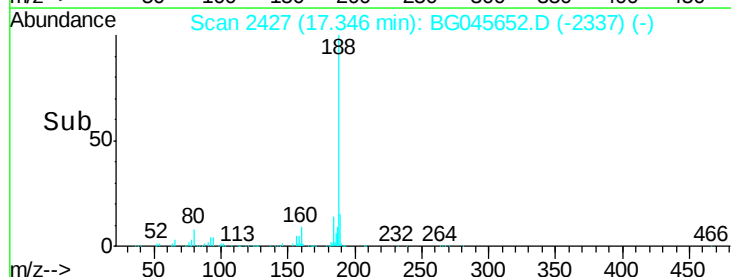
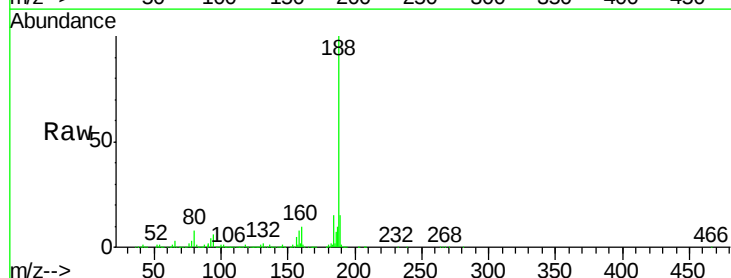
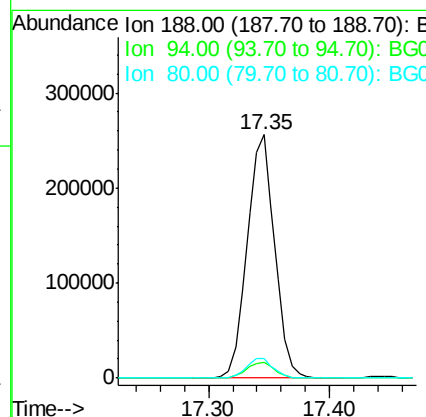
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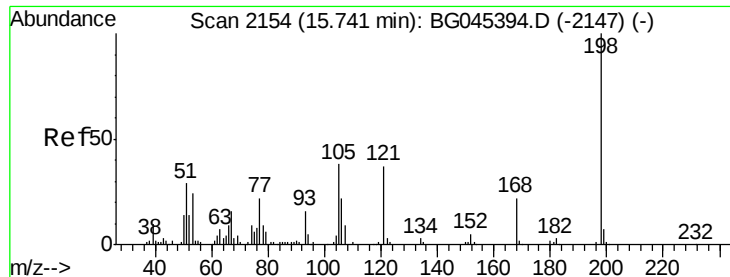
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.3	5.5	8.3	
80	8.3	6.6	10.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 53.669 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

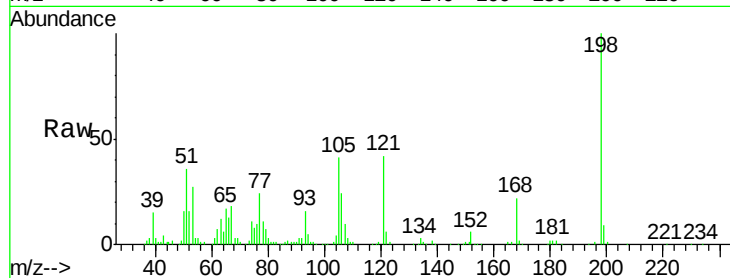
ClientSampleId :

PL-01-060320MSD

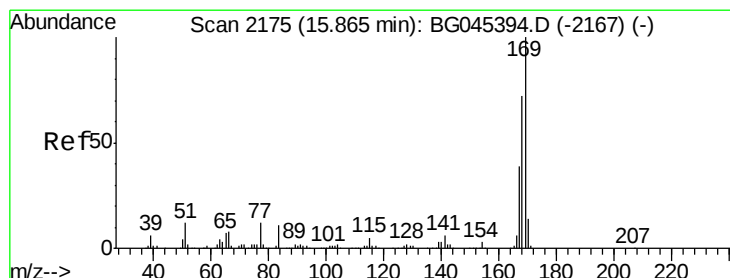
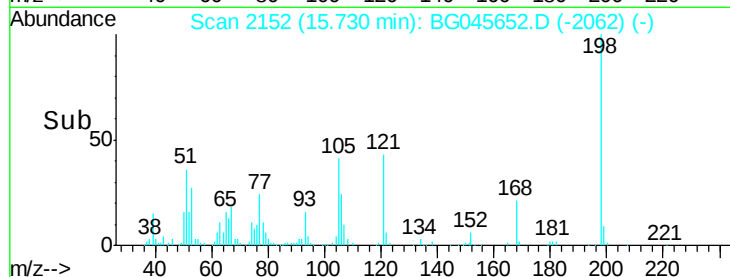
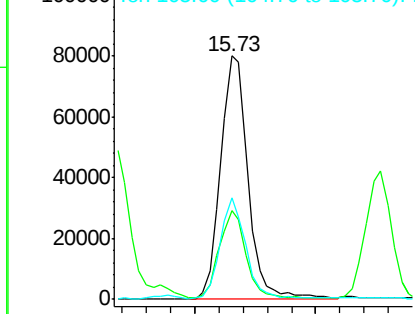
Tot Ion:	198	Resp:	126577
Ion Ratio		Lower	Upper
198	100		
51	36.5	10.0	50.0
105	41.5	18.9	58.9

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



#66

n-Nitrosodiphenylamine

Concen: 55.067 ng

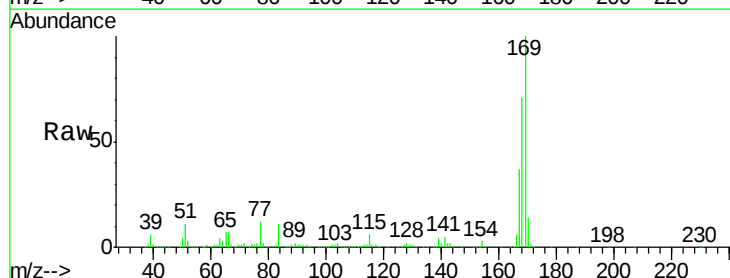
RT: 15.85 min Scan# 2173

Delta R.T. 0.00 min

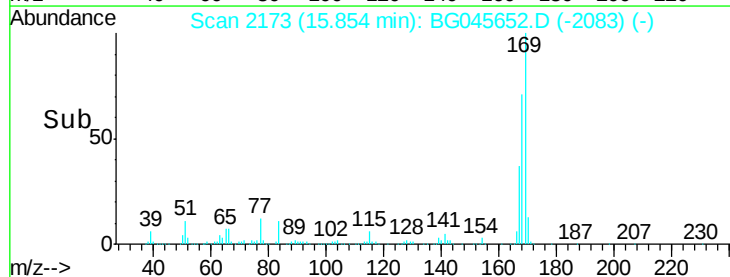
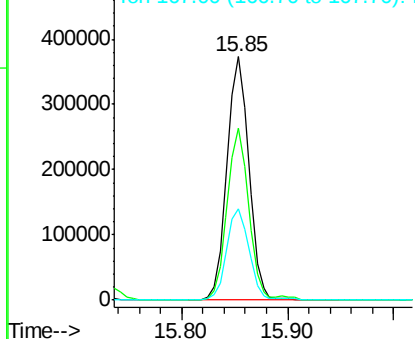
Lab File: BG045652.D

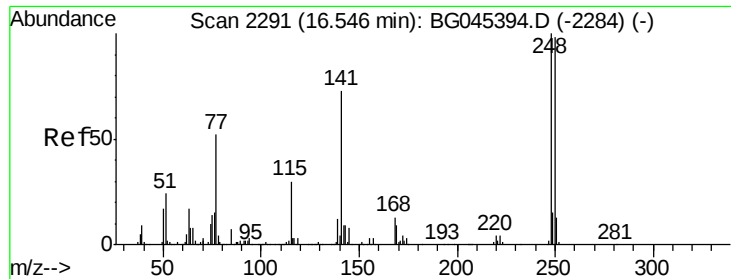
Acq: 8 Jun 2020 21:36

Tgt Ion:	169	Resp:	535418
Ion Ratio		Lower	Upper
169	100		
168	70.8	57.8	86.6
167	37.4	31.5	47.3



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





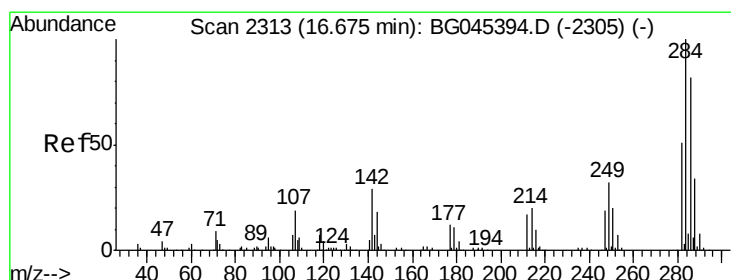
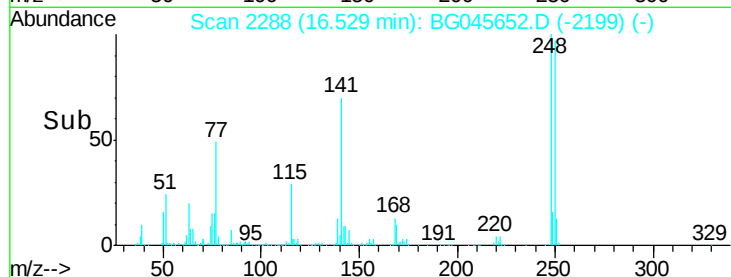
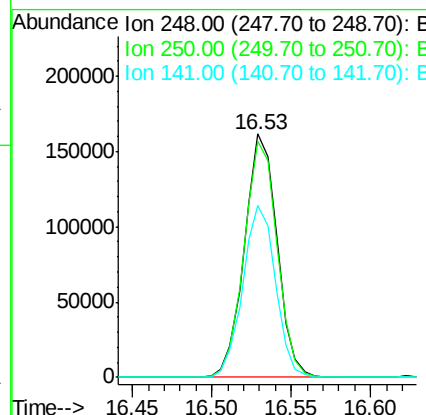
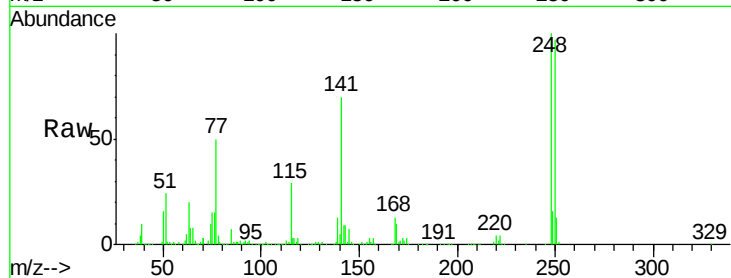
#67
4-Bromophenyl-phenylether
Concen: 52.705 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.6	117.8
141	70.5	58.2	87.2

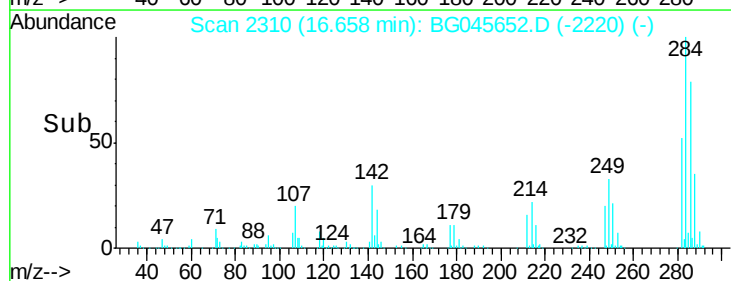
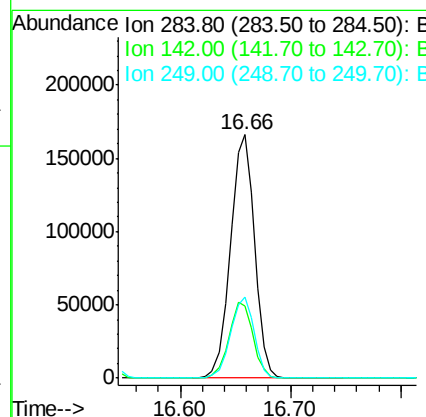
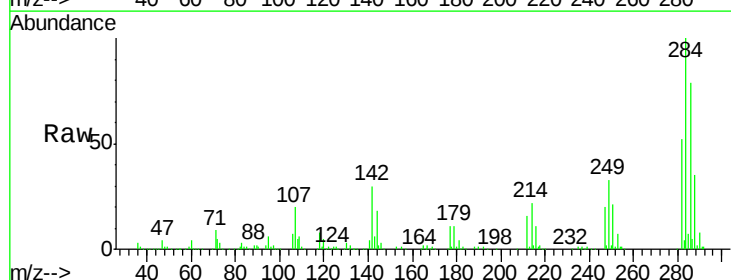
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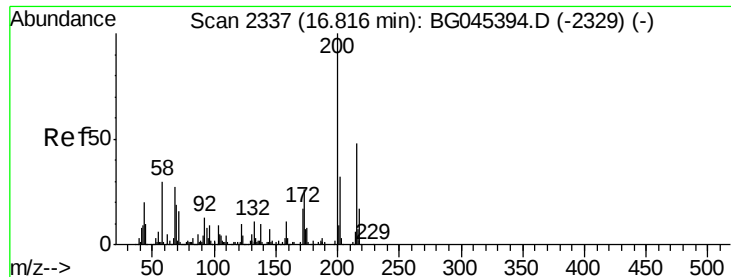
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#68
Hexachlorobenzene
Concen: 55.192 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	23.0	34.6
249	33.1	25.8	38.6





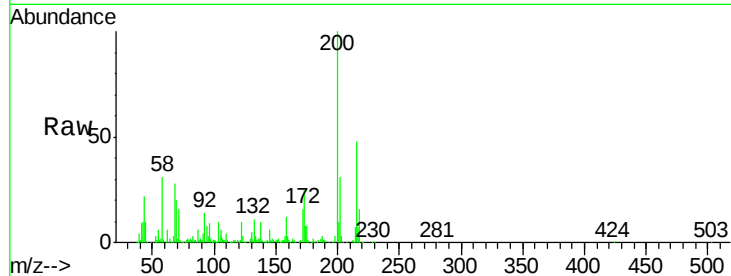
#69
Atrazine
Concen: 51.412 ng
RT: 16.81 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

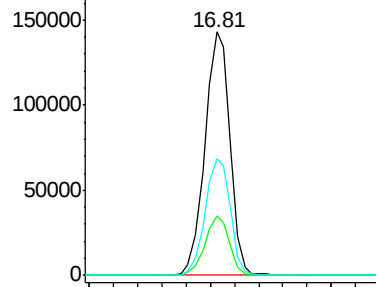
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.6	5.5	45.5
215	47.9	28.2	68.2

Manual Integrations
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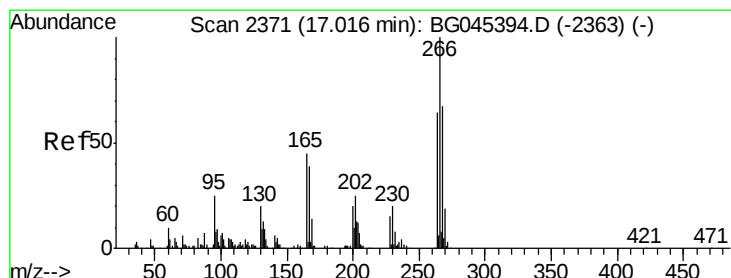
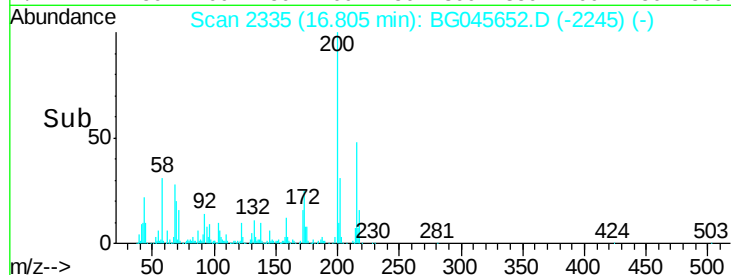
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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

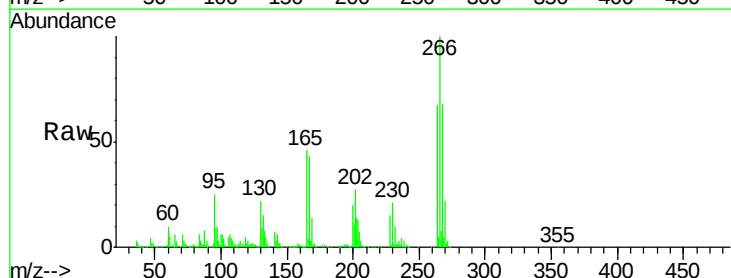


Time--> 16.70 16.80 16.90

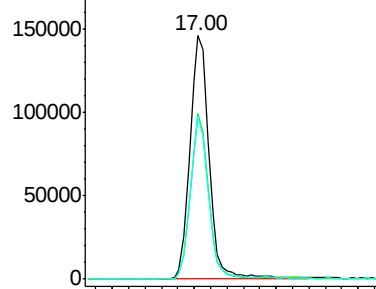


#70
Pentachlorophenol
Concen: 100.627 ng
RT: 17.00 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

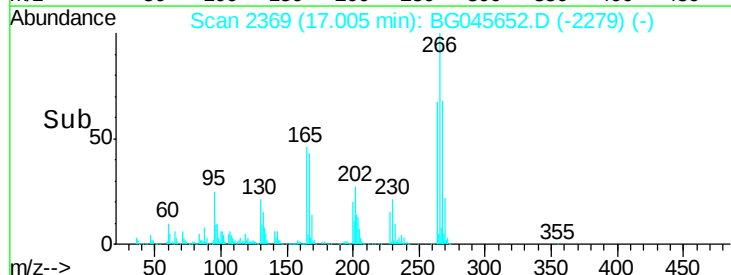
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.8	53.2	79.8
264	67.1	51.0	76.4

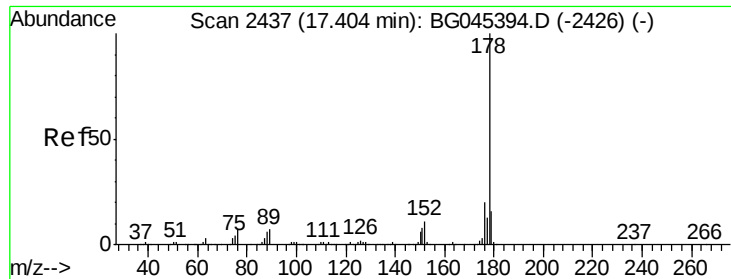


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



Time--> 16.90 17.00 17.10





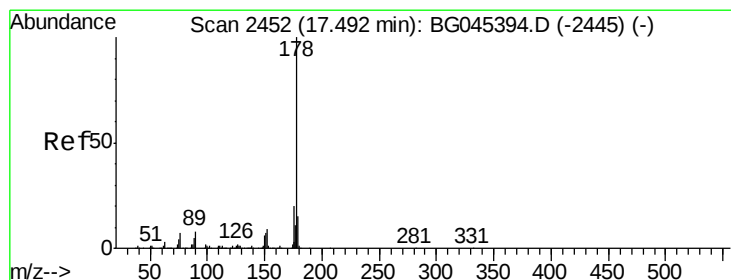
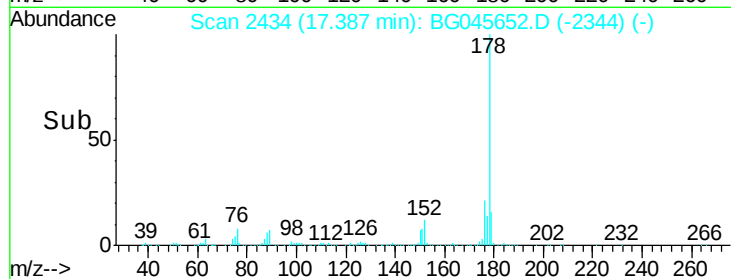
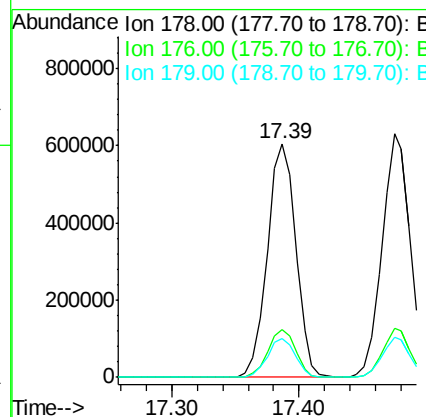
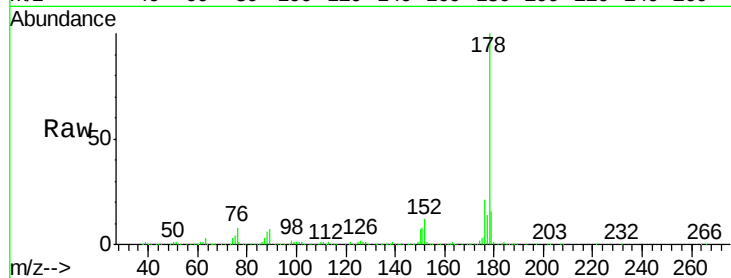
#71
Phenanthrene
Concen: 53.629 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	16.5	13.1	19.7

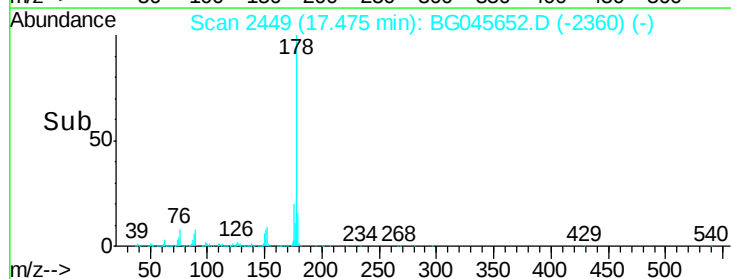
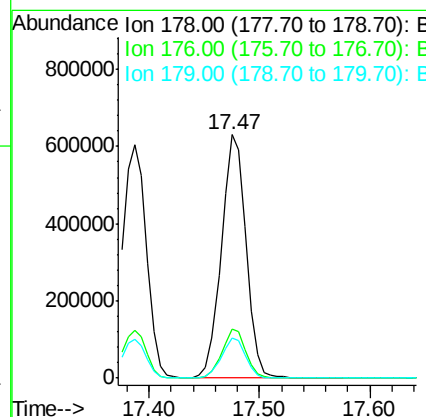
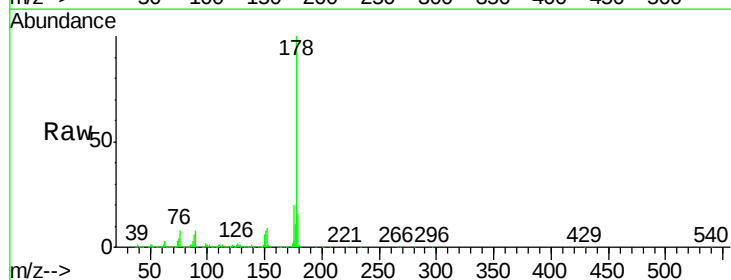
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#72
Anthracene
Concen: 54.792 ng
RT: 17.47 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.6
179	16.4	12.2	18.4





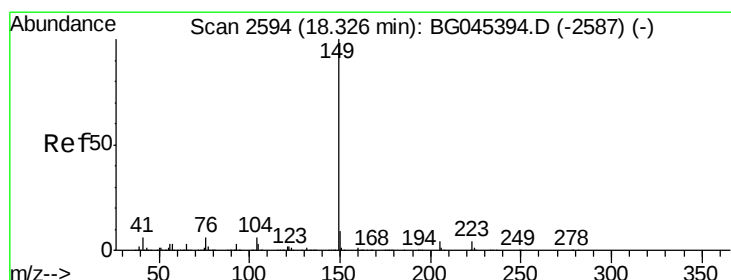
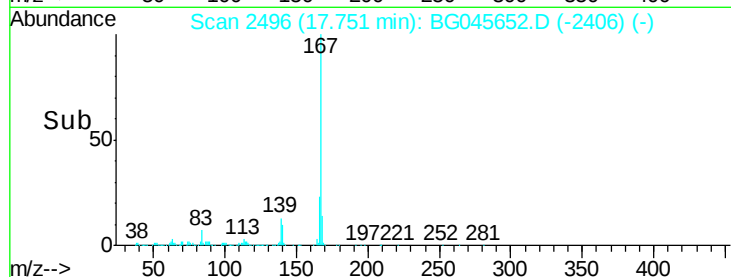
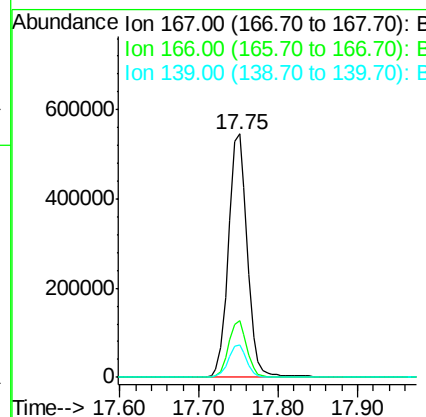
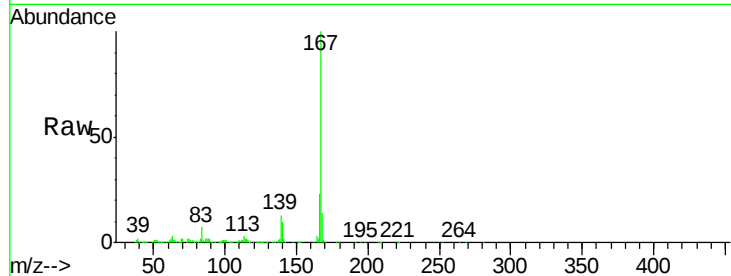
#73
 Carbazole
 Concen: 51.910 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.2	28.8
139	13.1	10.6	16.0

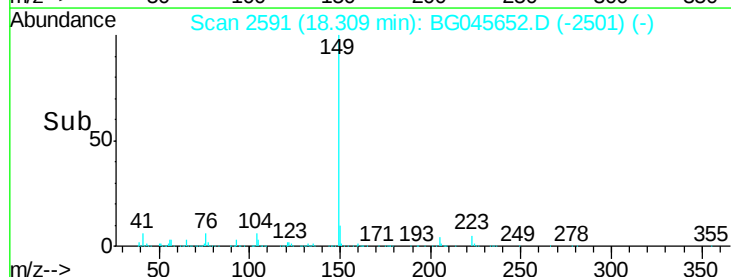
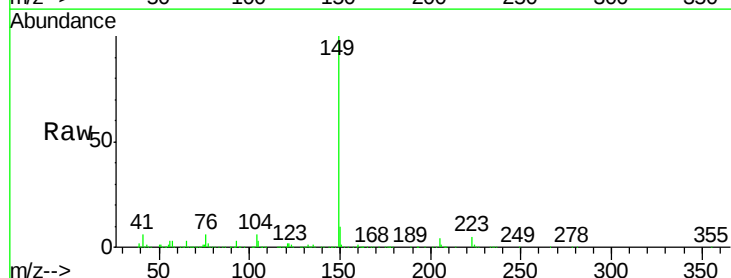
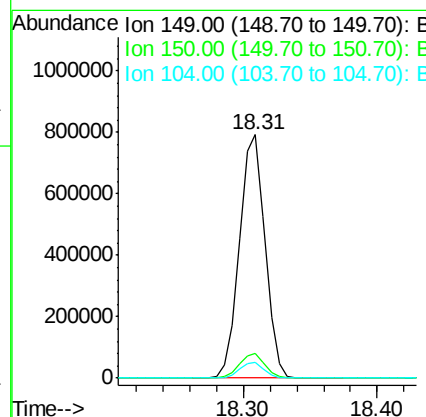
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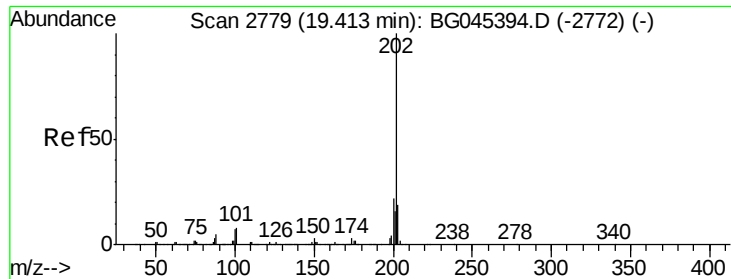
mohammad
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#74
 Di-n-butylphthalate
 Concen: 50.939 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.6	11.4
104	6.3	5.0	7.4





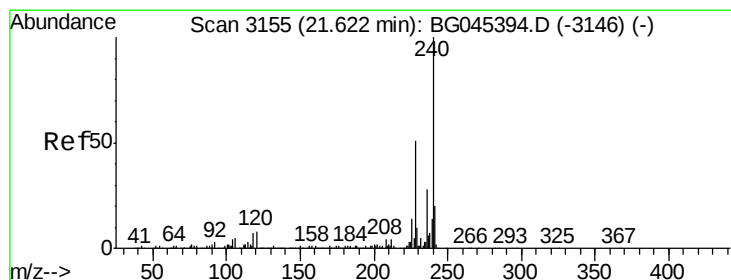
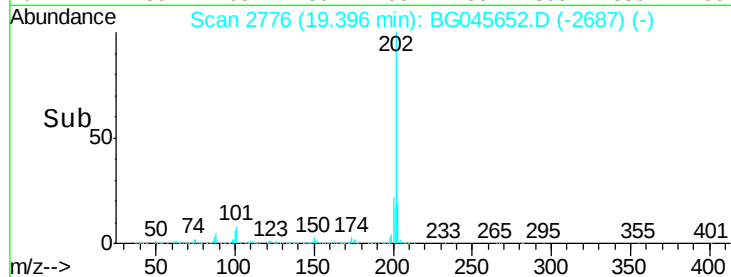
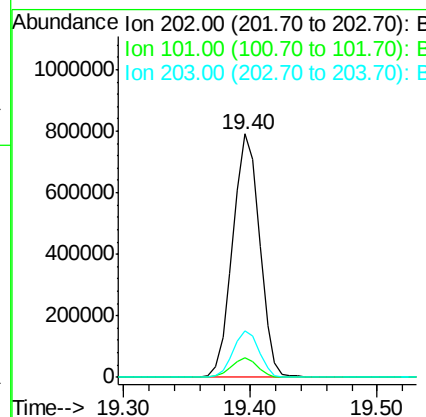
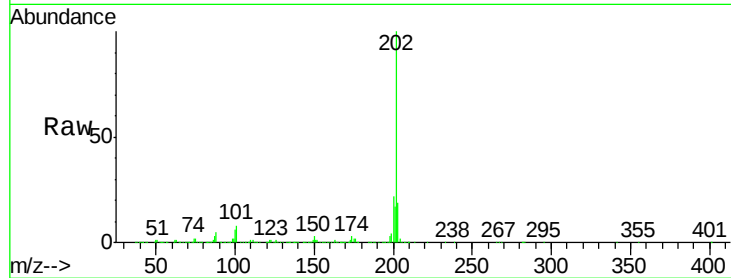
#75
 Fluoranthene
 Concen: 51.614 ng
 RT: 19.40 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	28.3
203	18.9	0.0	39.0

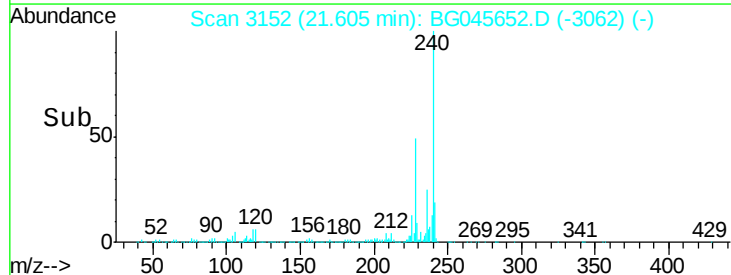
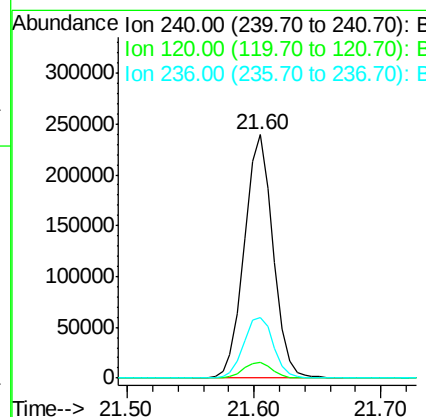
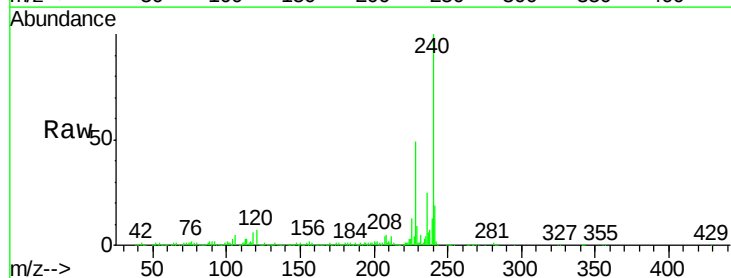
Manual Integrations
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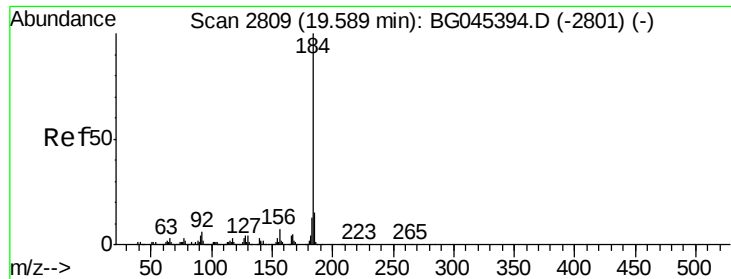
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.1	9.1
236	24.8	22.3	33.5





#77

Benzidine

Concen: 21.161 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

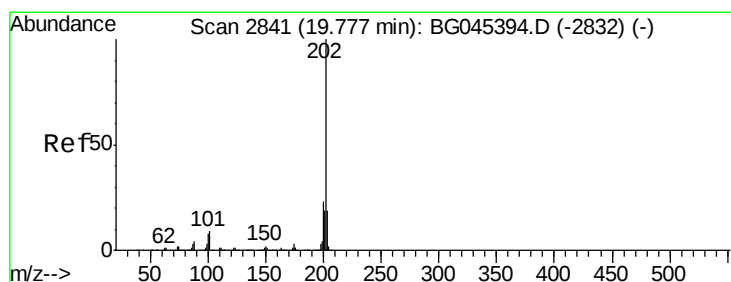
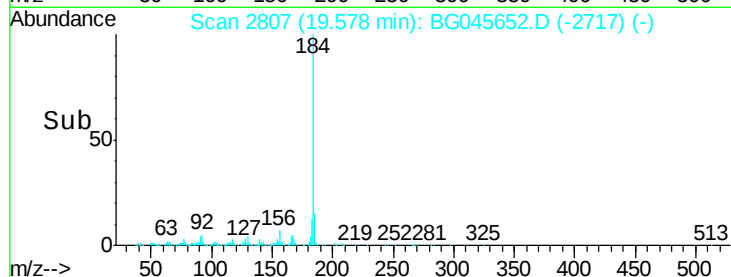
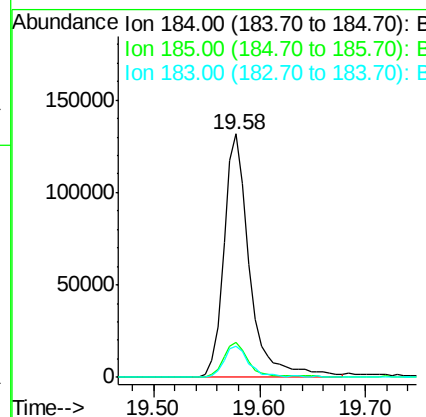
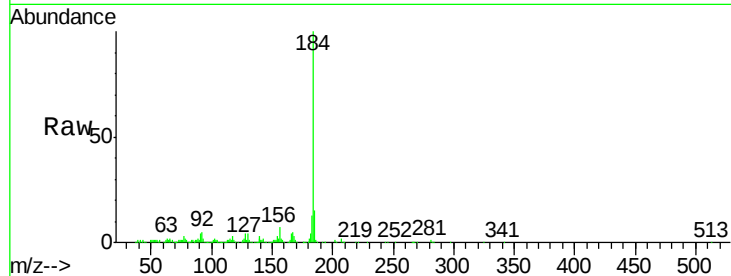
ClientSampleId :

PL-01-060320MSD

Tot Ion:	184	Resp:	223284
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.7	17.5
183	12.9	10.2	15.4

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#78

Pyrene

Concen: 54.200 ng

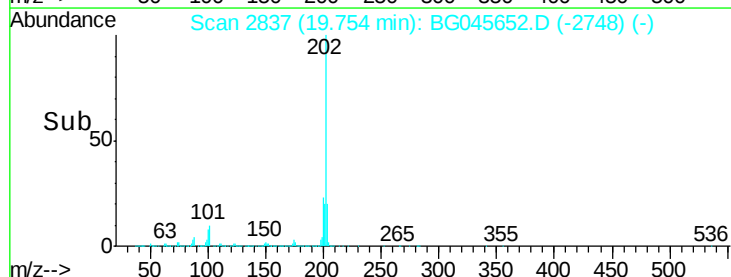
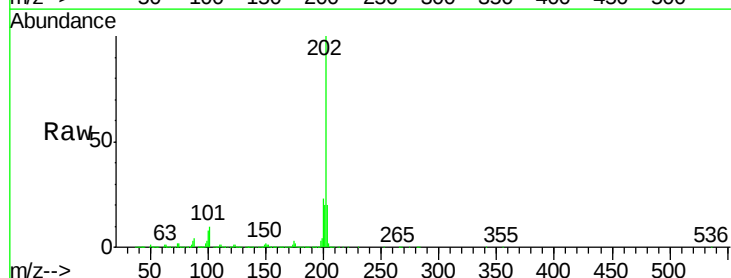
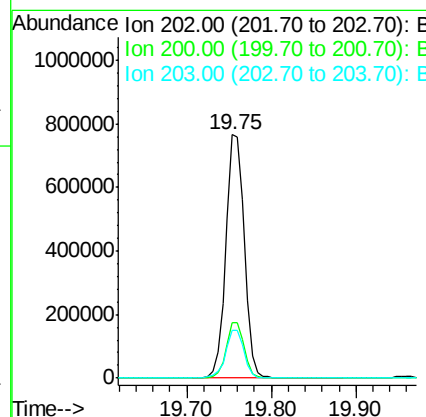
RT: 19.75 min Scan# 2837

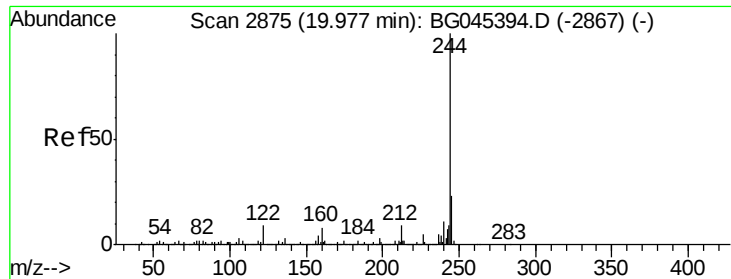
Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Tgt Ion:	202	Resp:	1160784
Ion Ratio	Lower	Upper	
202	100		
200	22.5	18.2	27.2
203	19.7	15.1	22.7





#79

Terphenyl-d14

Concen: 109.599 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

Tot Ion:244 Resp: 1765499

Ion Ratio Lower Upper

244 100

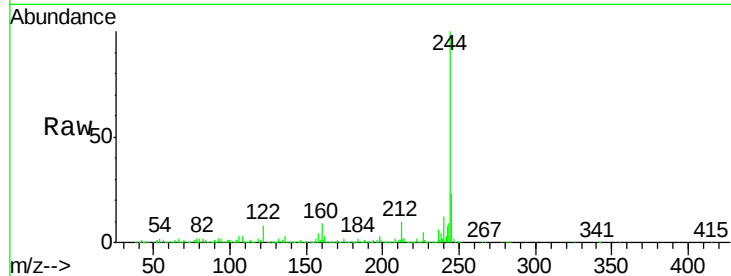
212 9.7 7.4 11.0

122 7.9 6.8 10.2

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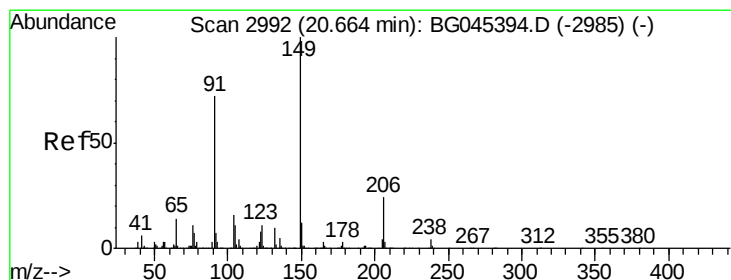
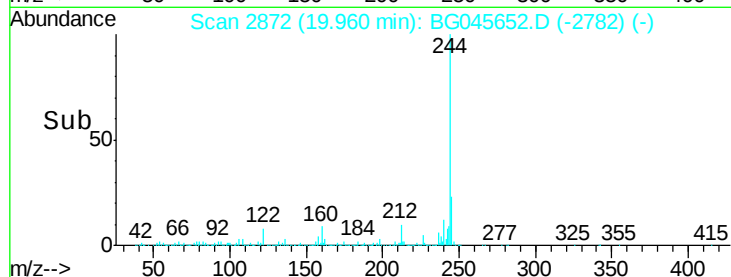
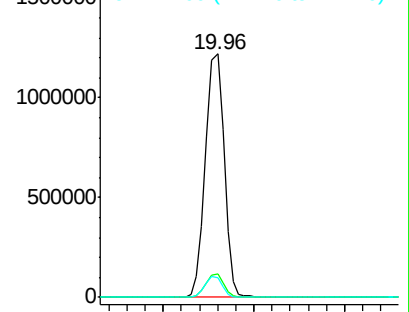
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.872 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

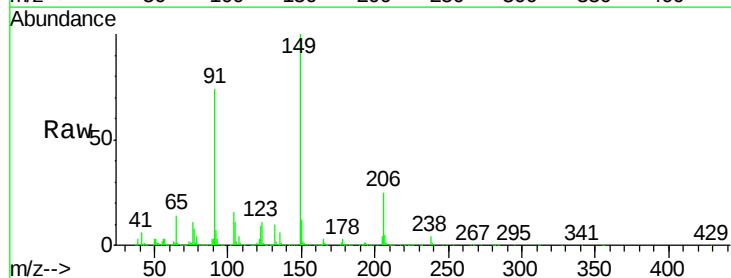
Tgt Ion:149 Resp: 479509

Ion Ratio Lower Upper

149 100

91 74.0 57.8 86.6

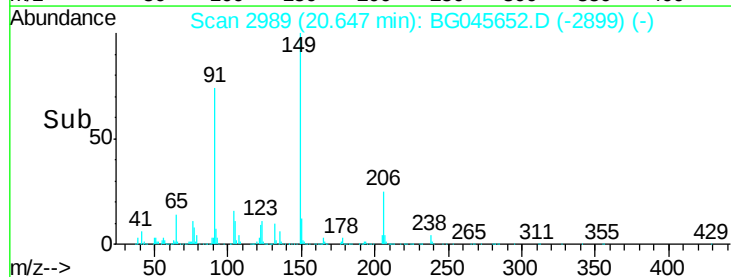
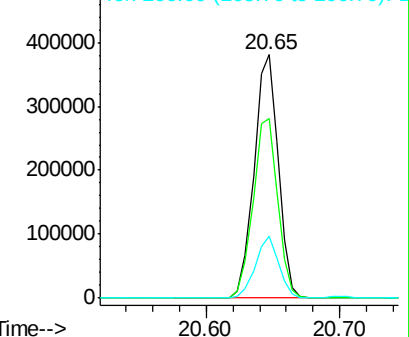
206 25.2 19.1 28.7

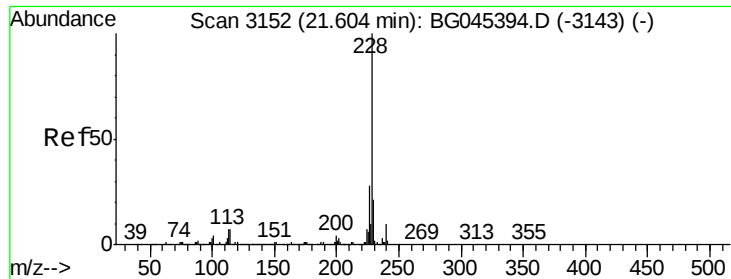


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.497 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

Tot Ion:228 Resp: 1140575

Ion Ratio Lower Upper

228 100

226 29.5 22.7 34.1

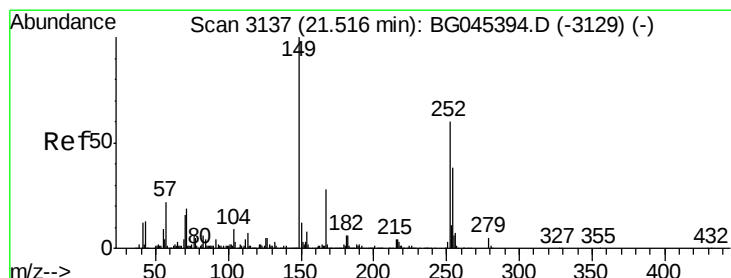
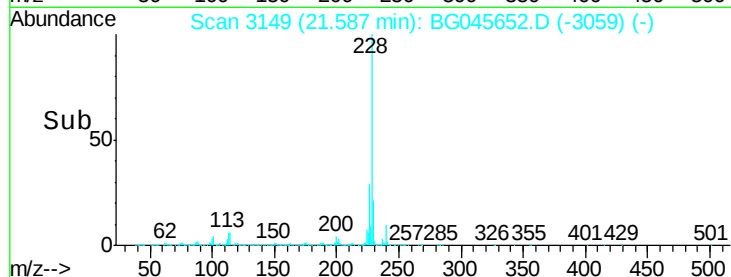
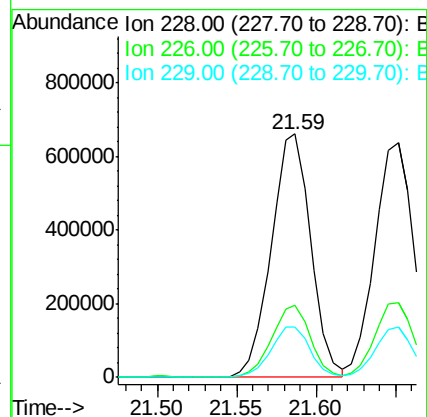
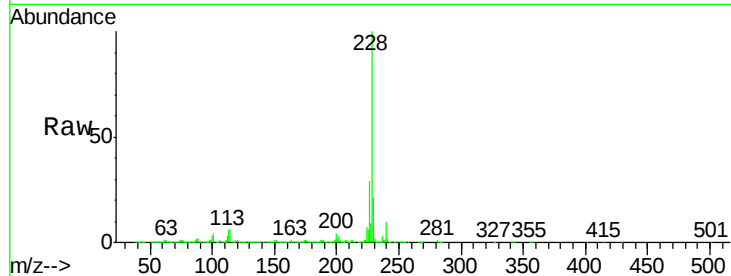
229 20.5 16.7 25.1

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#82

3,3'-Dichlorobenzidine

Concen: 32.202 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

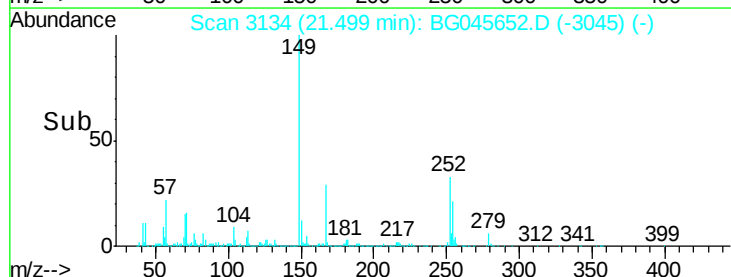
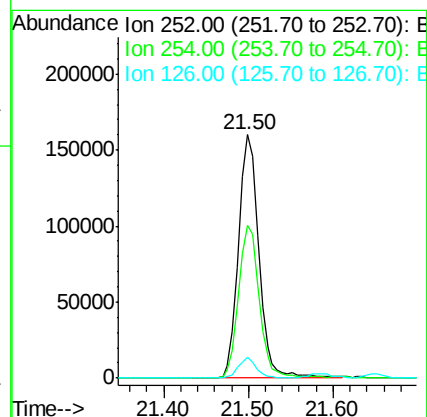
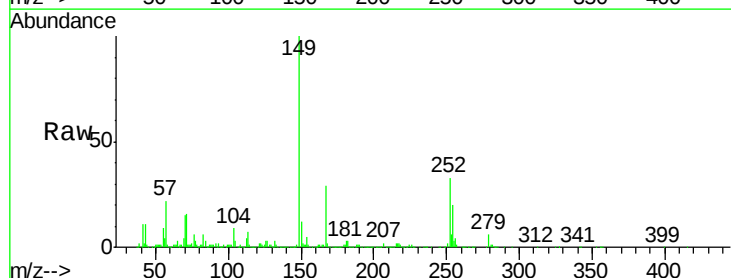
Tgt Ion:252 Resp: 264368

Ion Ratio Lower Upper

252 100

254 62.9 51.3 76.9

126 8.5 6.6 10.0





#83

Chrvsene

Concen: 53.844 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

Tot Ion:228 Resp: 1083573

Ion Ratio Lower Upper

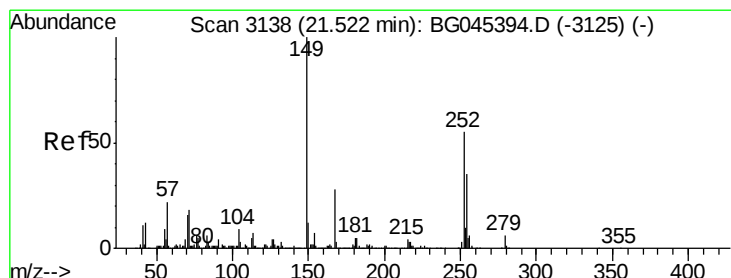
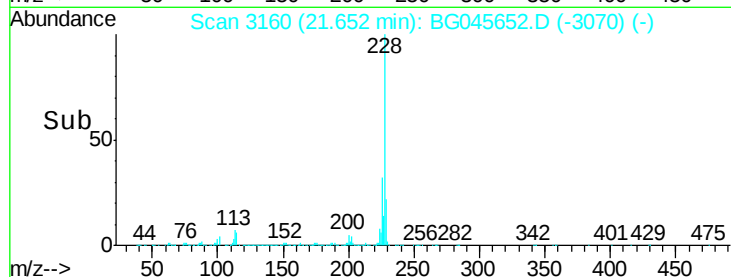
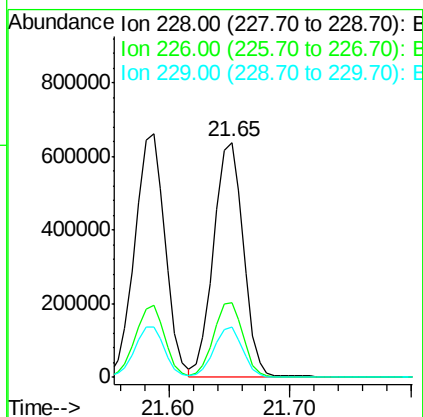
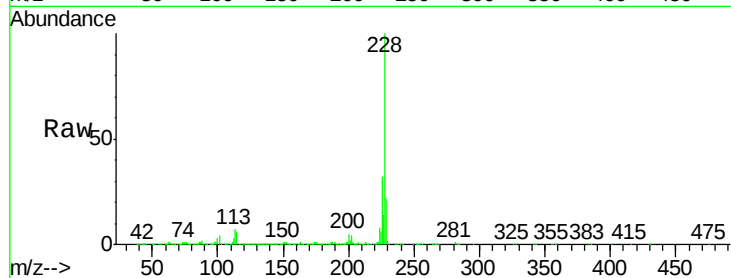
228 100

226 32.0 25.2 37.8

229 21.6 16.7 25.1

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 53.148 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

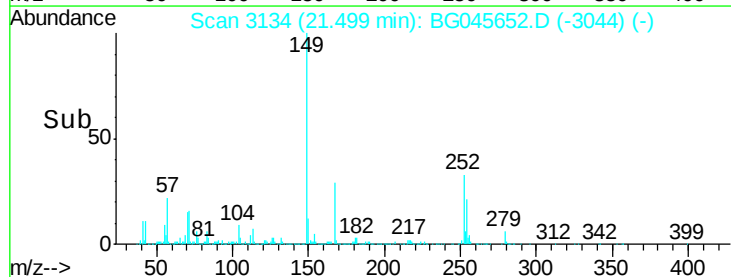
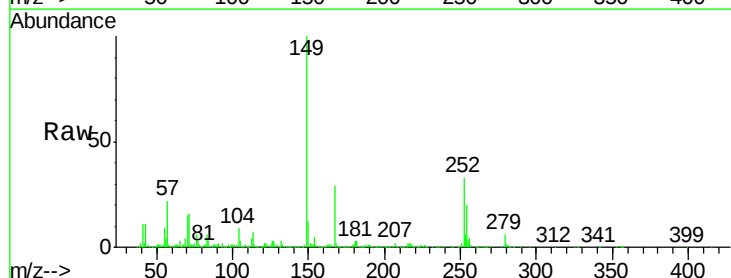
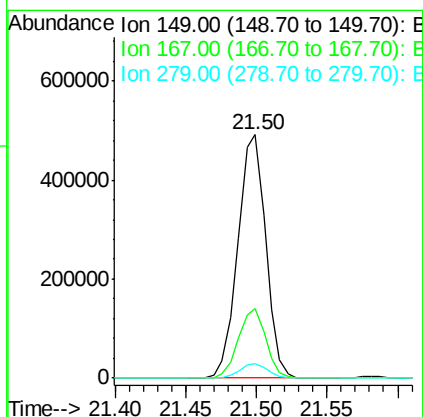
Tgt Ion:149 Resp: 675370

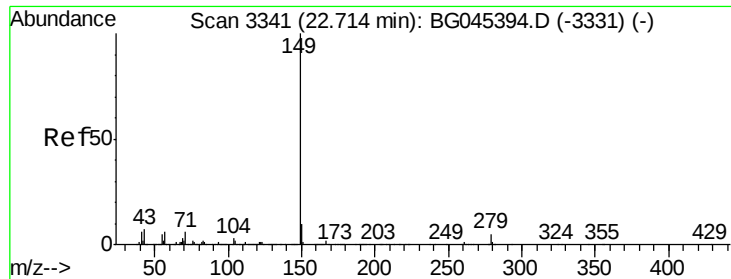
Ion Ratio Lower Upper

149 100

167 28.8 22.2 33.2

279 5.8 4.7 7.1





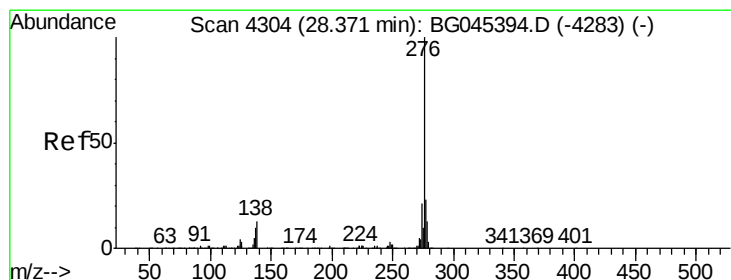
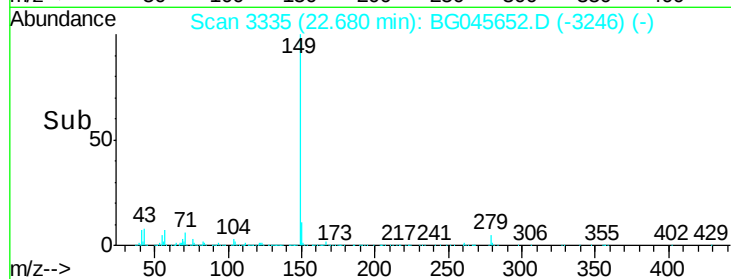
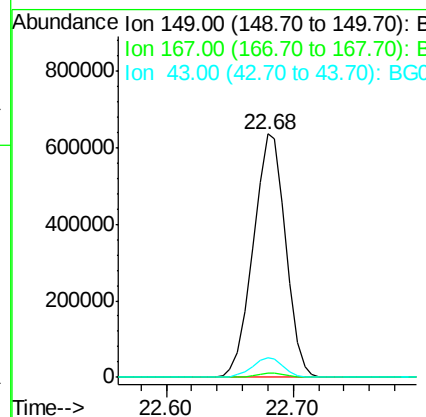
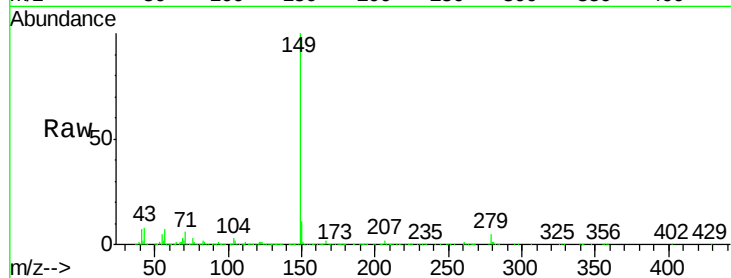
#85
Di-n-octyl phthalate
Concen: 51.646 ng
RT: 22.68 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.4	5.8	8.8

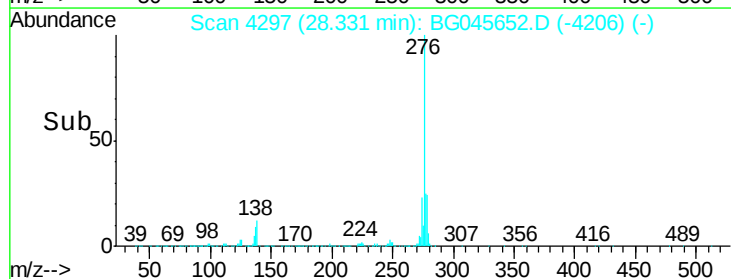
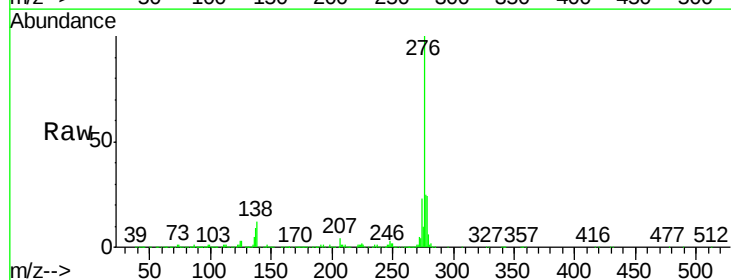
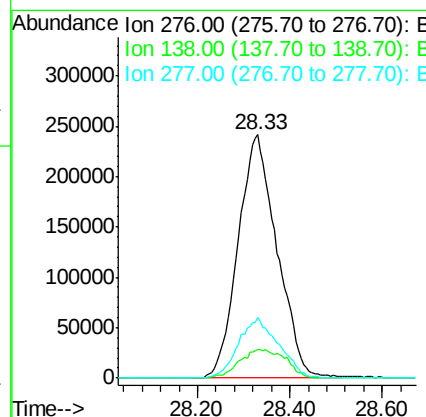
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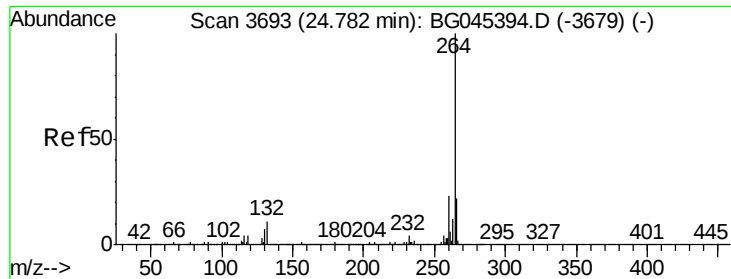
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#86
Indeno(1,2,3-cd)pyrene
Concen: 53.630 ng
RT: 28.33 min Scan# 4297
Delta R.T. 0.01 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.0	8.6	12.8#
277	25.5	20.2	30.4





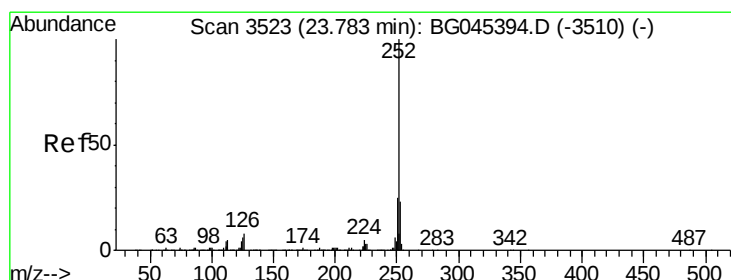
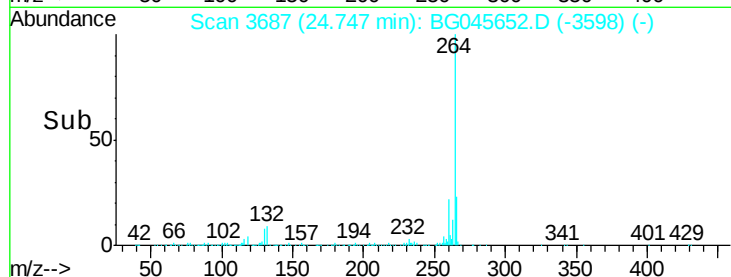
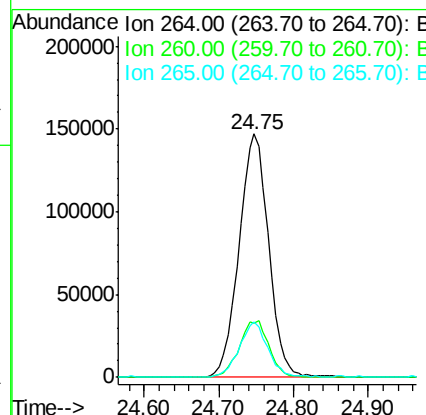
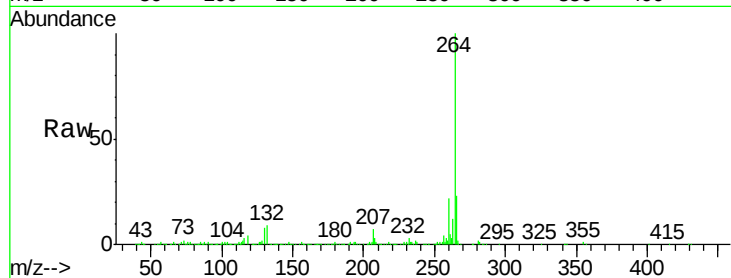
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	23.0	17.6	26.4

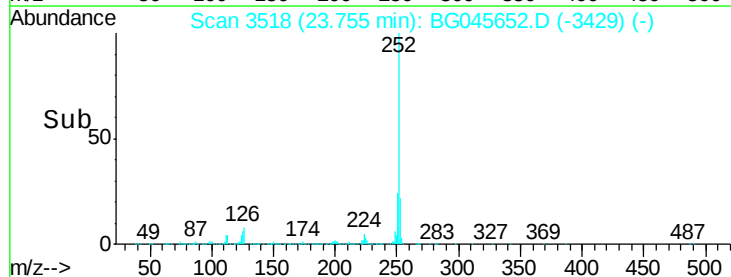
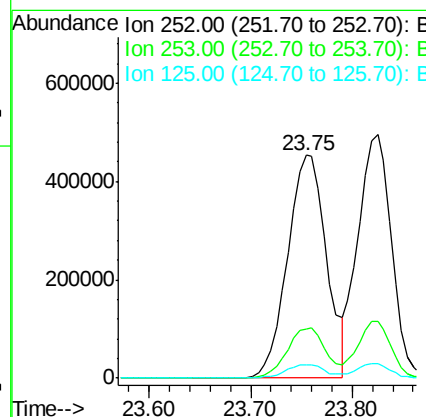
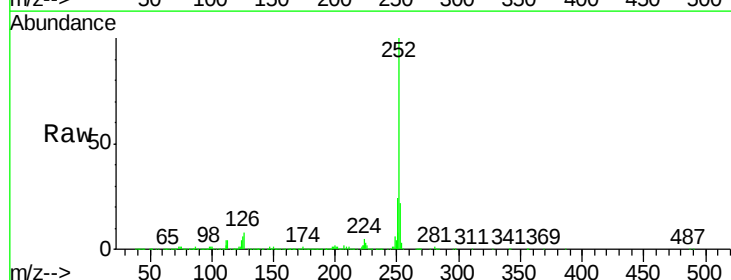
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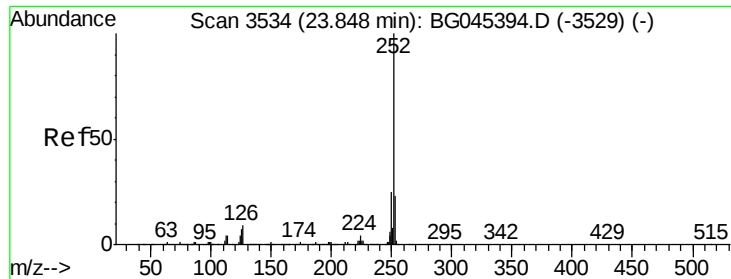
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#88
Benzo(b)fluoranthene
Concen: 55.687 ng
RT: 23.75 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	5.8	5.0	7.6





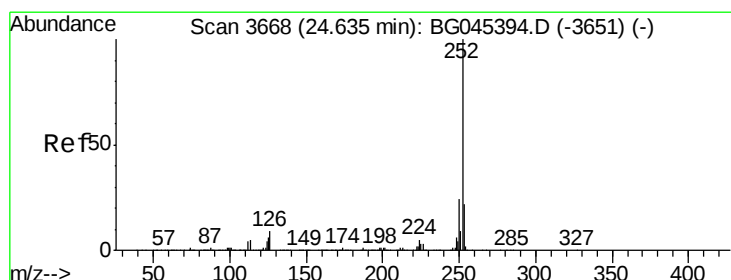
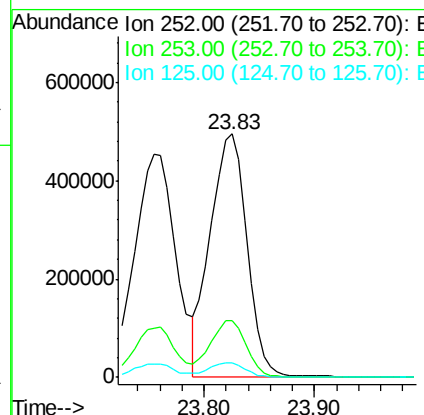
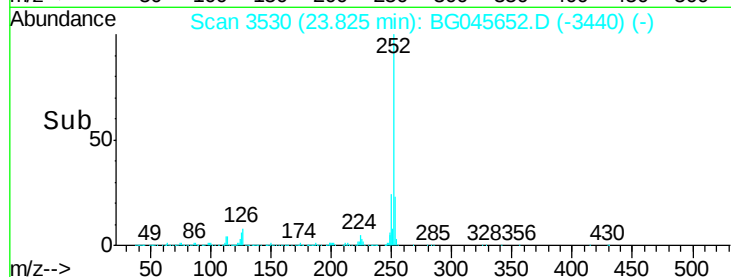
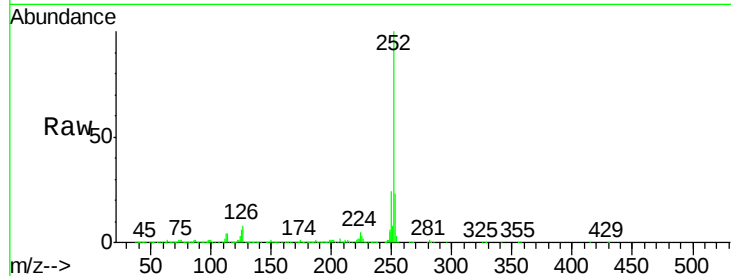
#89
Benzo(k)fluoranthene
Concen: 55.774 ng
RT: 23.83 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	6.0	5.7	8.5

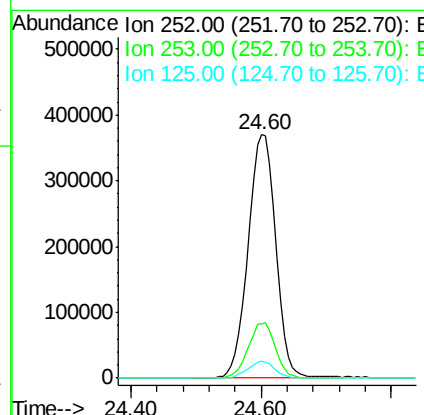
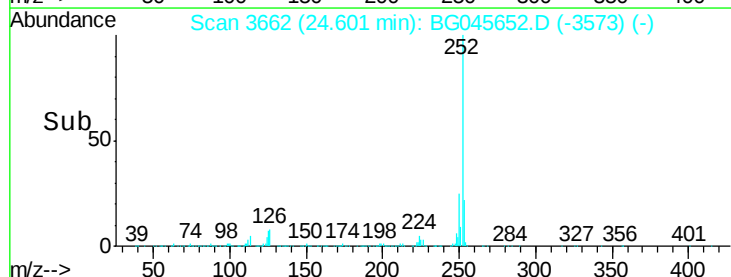
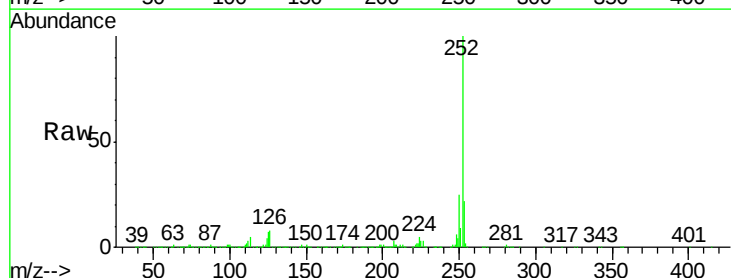
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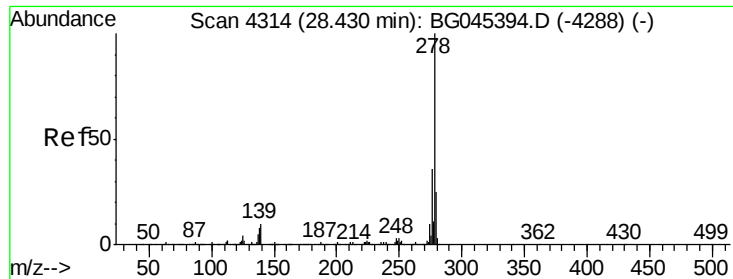
mohammad
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#90
Benzo(a)pyrene
Concen: 54.079 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	7.0	5.0	7.6





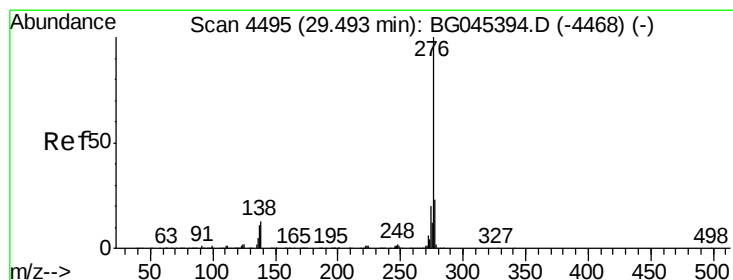
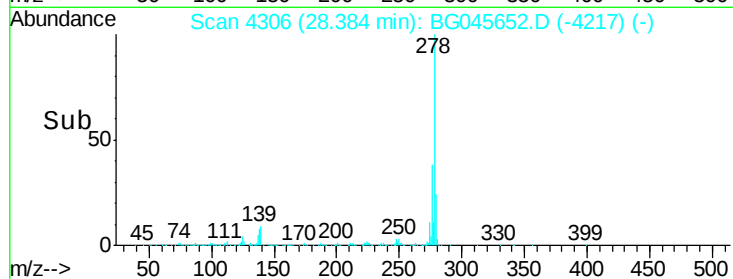
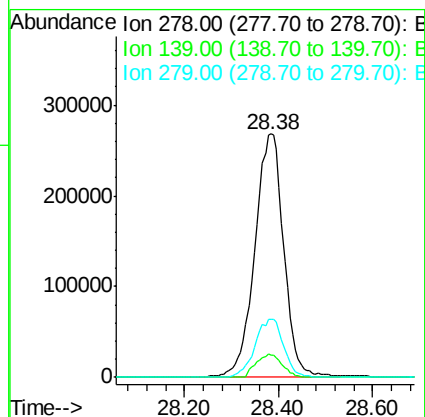
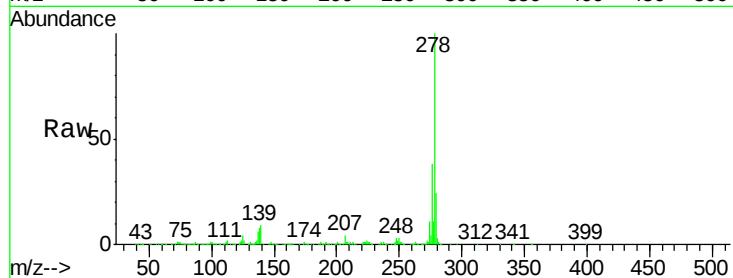
#91
Dibenzo(a,h)anthracene
Concen: 56.804 ng
RT: 28.38 min Scan# 4306
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.3	7.8	11.8
279	24.0	19.8	29.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 57.731 ng
RT: 29.45 min Scan# 4487
Delta R.T. 0.01 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.1	27.1
138	11.3	10.2	15.4

