

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045582.D
 Acq On : 3 Jun 2020 15:39
 Operator : CG/JU
 Sample : PB129255BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129255BS

Manual Integrations
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 6/4/2020 12:11:16 PM

Quant Time: Jun 03 16:45:54 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	57318	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	232236	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	167914	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	413661	20.00	ng	0.00
76) Chrysene-d12	21.61	240	385415	20.00	ng	0.00
87) Perylene-d12	24.76	264	423618	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	576415	196.53	ng	0.00
7) Phenol-d6	7.15	99	801087	191.90	ng	0.00
23) Nitrobenzene-d5	9.11	82	523341	122.89	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	405030	188.61	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1173323	118.52	ng	0.00
79) Terphenyl-d14	19.96	244	2048530	123.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	72272	49.692	ng	96
3) Pyridine	3.80	79	171512	42.342	ng	97
4) n-Nitrosodimethylamine	3.72	42	82947	62.579	ng	100
6) Aniline	7.28	93	287255	52.714	ng	98
8) 2-Chlorophenol	7.53	128	212511	66.073	ng	98
9) Benzaldehyde	7.08	77	131203	48.241	ng	95
10) Phenol	7.18	94	280766	65.259	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	195038	58.119	ng	98
12) 1,3-Dichlorobenzene	7.85	146	228075	59.009	ng	98
13) 1,4-Dichlorobenzene	7.99	146	228553	59.920	ng	98
14) 1,2-Dichlorobenzene	8.31	146	215188	58.656	ng	96
15) Benzyl Alcohol	8.20	79	224147	64.999	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	187143	58.750	ng	99
17) 2-Methylphenol	8.42	107	189079	58.716	ng	97
18) Hexachloroethane	9.04	117	87811	60.109	ng	91
19) n-Nitroso-di-n-propylamine	8.76	70	178847	61.956	ng	98
20) 3+4-Methylphenols	8.75	107	263364	60.058	ng	93
22) Acetophenone	8.77	105	323881	58.842	ng	# 97
24) Nitrobenzene	9.16	77	270392	59.260	ng	95
25) Isophorone	9.68	82	496705	59.223	ng	98
26) 2-Nitrophenol	9.87	139	123356	63.198	ng	93
27) 2,4-Dimethylphenol	9.95	122	204467	70.628	ng	94
28) bis(2-Chloroethoxy)methane	10.17	93	269514	61.274	ng	99
29) 2,4-Dichlorophenol	10.42	162	224901	65.787	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	242742	60.091	ng	97
31) Naphthalene	10.81	128	653865	60.420	ng	99
32) Benzoic acid	10.14	122	125078	60.284	ng	89
33) 4-Chloroaniline	10.92	127	158788	35.102	ng	98
34) Hexachlorobutadiene	11.10	225	168502	59.011	ng	97
35) Caprolactam	11.71	113	82228m	65.531	ng	
36) 4-Chloro-3-methylphenol	12.08	107	259999	67.494	ng	91
37) 2-Methylnaphthalene	12.42	142	495900	61.480	ng	99
38) 1-Methylnaphthalene	12.64	142	472507	62.013	ng	# 93
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	281028	59.920	ng	98

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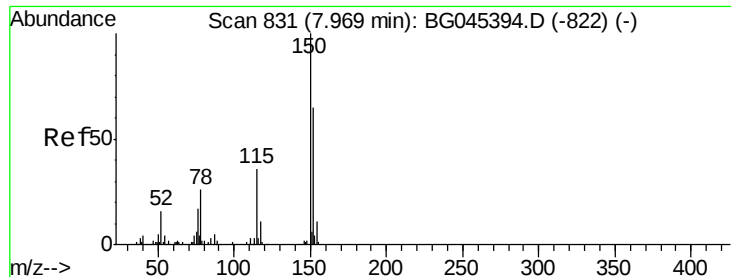
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	360148	133.041	nq	98
43) 2,4,6-Trichlorophenol	13.04	196	199466	61.223	nq	98
44) 2,4,5-Trichlorophenol	13.12	196	212413	57.053	nq	99
46) 1,1'-Biphenyl	13.43	154	643866	62.405	nq	99
47) 2-Chloronaphthalene	13.47	162	492242	58.752	nq	100
48) 2-Nitroaniline	13.68	65	164064	59.530	nq	87
49) Acenaphthylene	14.32	152	820354	60.959	nq	99
50) Dimethylphthalate	14.05	163	693147	60.175	nq	99
51) 2,6-Dinitrotoluene	14.17	165	154608	59.483	nq	98
52) Acenaphthene	14.67	154	612631m	68.008	nq	
53) 3-Nitroaniline	14.51	138	109832	41.568	nq	99
54) 2,4-Dinitrophenol	14.72	184	181293	104.670	nq	97
55) Dibenzofuran	15.00	168	794759	59.411	nq	97
56) 4-Nitrophenol	14.86	139	247133	123.541	nq	92
57) 2,4-Dinitrotoluene	14.97	165	228138	60.605	nq	98
58) Fluorene	15.65	166	663582	60.380	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	202497	61.822	nq	99
60) Diethylphthalate	15.42	149	712191	59.403	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	370183	58.862	nq	100
62) 4-Nitroaniline	15.68	138	161864	58.681	nq	99
63) Azobenzene	15.93	77	679297	60.764	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	147485	61.219	nq	94
66) n-Nitrosodiphenylamine	15.86	169	600563	60.468	nq	98
67) 4-Bromophenyl-phenylether	16.53	248	259419	57.915	nq	99
68) Hexachlorobenzene	16.66	284	282085	60.211	nq	97
69) Atrazine	16.81	200	242452	59.267	nq	99
70) Pentachlorophenol	17.01	266	306295	125.912	nq	99
71) Phenanthrene	17.39	178	1100582	60.945	nq	99
72) Anthracene	17.49	178	1132984	62.475	nq	98
73) Carbazole	17.76	167	1038906	58.771	nq	99
74) Di-n-butylphthalate	18.31	149	1262404	59.499	nq	98
75) Fluoranthene	19.40	202	1379476	60.057	nq	99
77) Benzidine	19.58	184	681933	62.999	nq	100
78) Pyrene	19.76	202	1361480	61.969	nq	99
80) Butylbenzylphthalate	20.65	149	567337	59.826	nq	100
81) Benzo(a)anthracene	21.59	228	1305513	60.806	nq	98
82) 3,3'-Dichlorobenzidine	21.51	252	388183	46.092	nq	99
83) Chrysene	21.66	228	1260651	61.065	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	784645	60.192	nq	99
85) Di-n-octyl phthalate	22.69	149	1326262	59.237	nq	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1633468	60.507	nq	# 96
88) Benzo(b)fluoranthene	23.77	252	1403499	61.776	nq	99
89) Benzo(k)fluoranthene	23.84	252	1331344	62.375	nq	99
90) Benzo(a)pyrene	24.62	252	1279990	60.494	nq	98
91) Dibenzo(a,h)anthracene	28.41	278	1330495	62.574	nq	98
92) Benzo(g,h,i)perylene	29.46	276	1360300	63.968	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

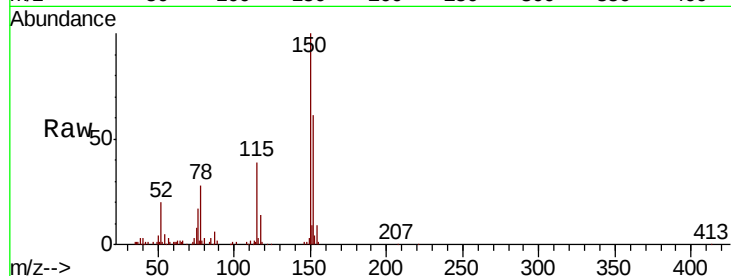
ClientSampleId :

PB129255BS

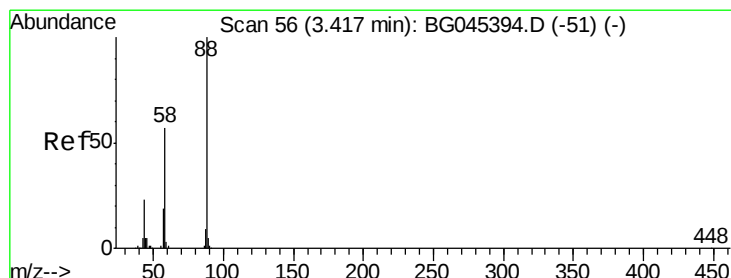
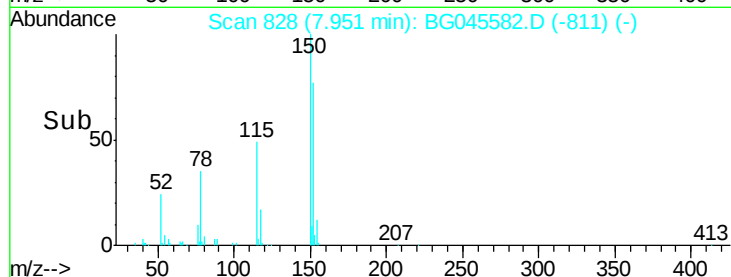
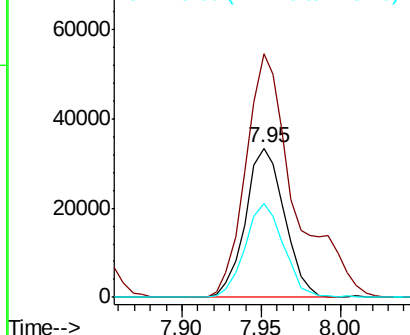
Tot Ion:	152	Resp:	57318
Ion	Ratio	Lower	Upper
152	100		
150	163.3	122.4	183.6
115	63.2	44.2	66.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 49.692 ng

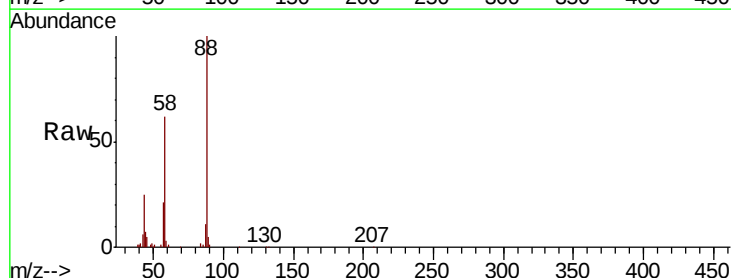
RT: 3.40 min Scan# 53

Delta R.T. -0.00 min

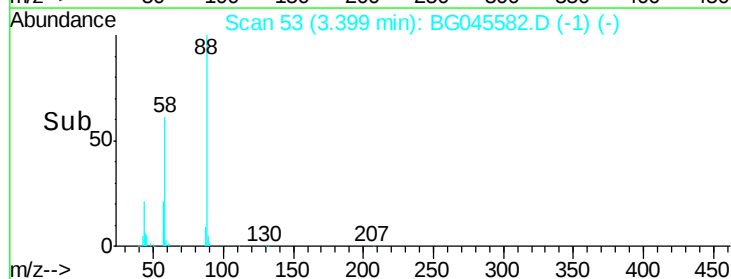
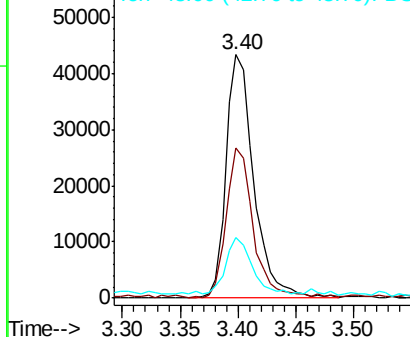
Lab File: BG045582.D

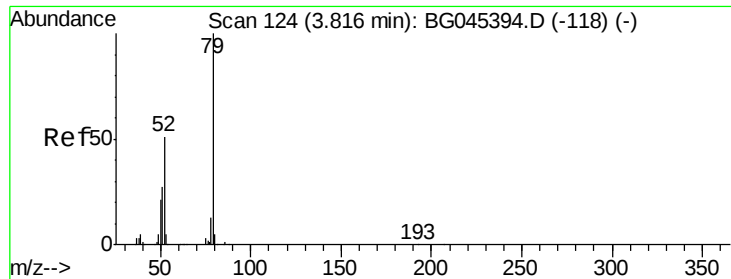
Acq: 3 Jun 2020 15:39

Tgt Ion:	88	Resp:	72272
Ion	Ratio	Lower	Upper
88	100		
58	59.7	45.7	68.5
43	22.9	16.8	25.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 42.342 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

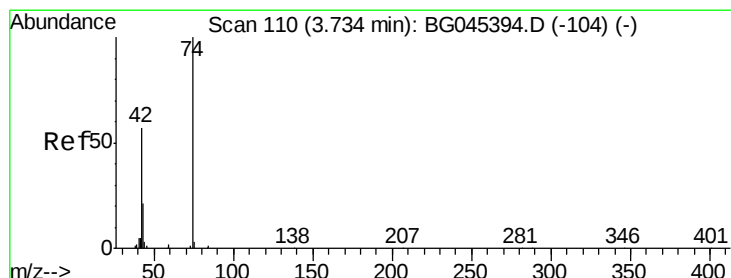
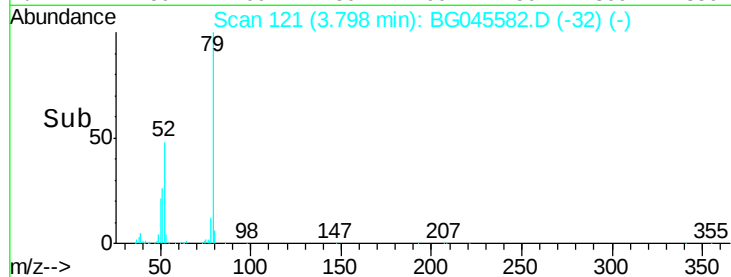
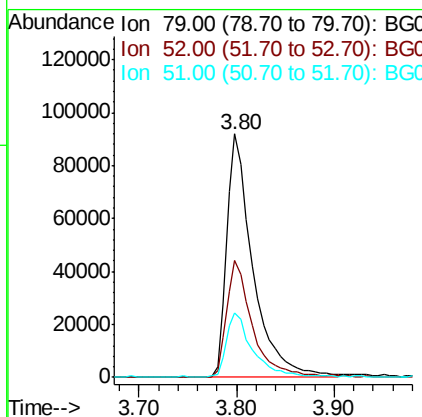
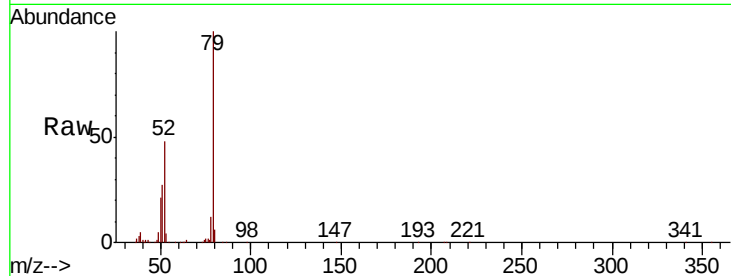
ClientSampleId :

PB129255BS

Tot Ion:	79	Resp:	171512
Ion Ratio	Lower	Upper	
79	100		
52	48.0	40.8	61.2
51	26.5	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 62.579 ng

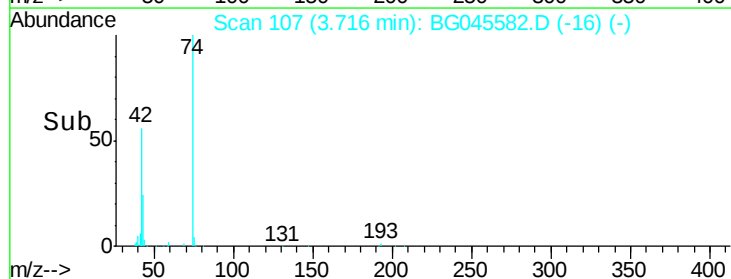
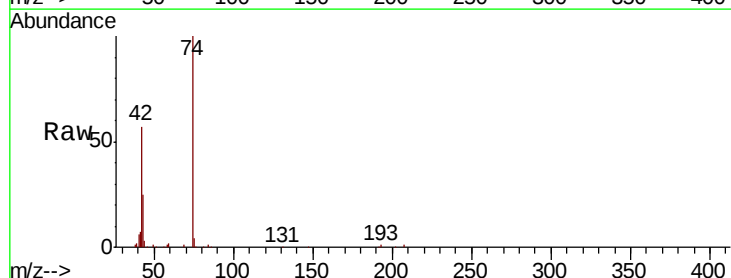
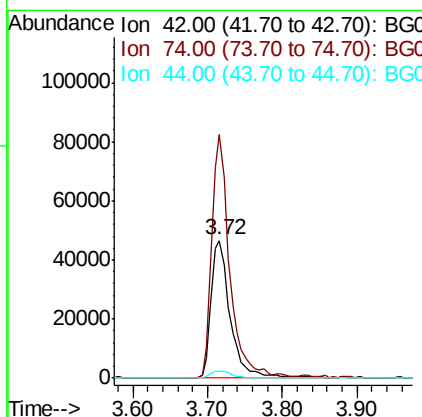
RT: 3.72 min Scan# 107

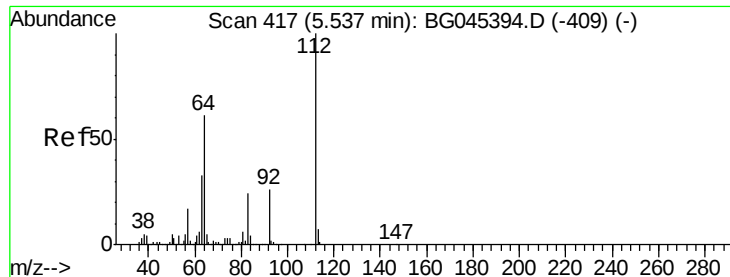
Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Tgt Ion:	42	Resp:	82947
Ion Ratio	Lower	Upper	
42	100		
74	176.7	141.3	211.9
44	4.8	4.2	6.4





#5

2-Fluorophenol

Concen: 196.533 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

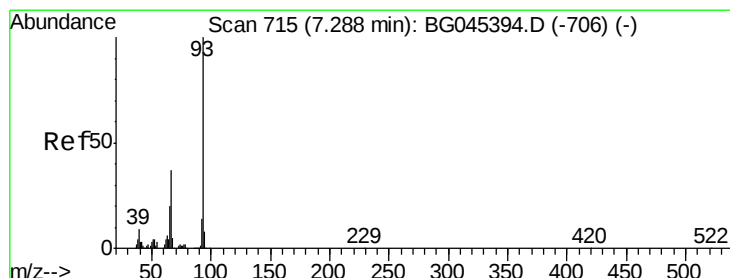
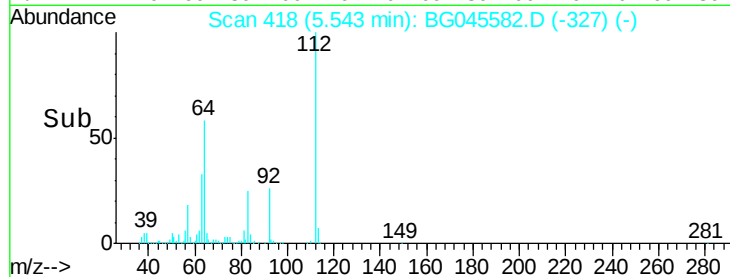
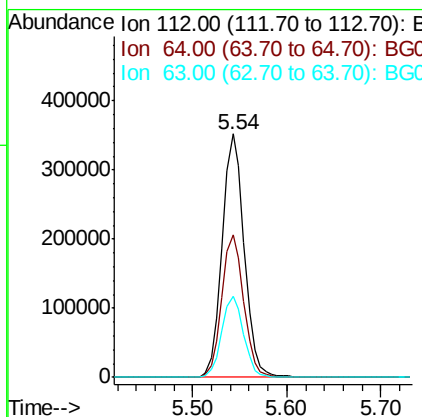
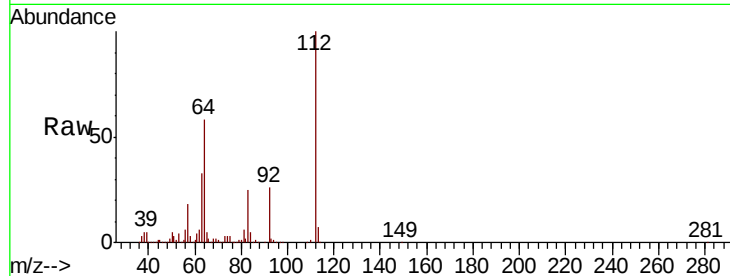
ClientSampleId :

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Tot Ion:	112	Resp:	576415
Ion Ratio	Lower	Upper	
112	100		
64	58.3	48.6	72.8
63	33.3	26.5	39.7

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#6

Aniline

Concen: 52.714 ng

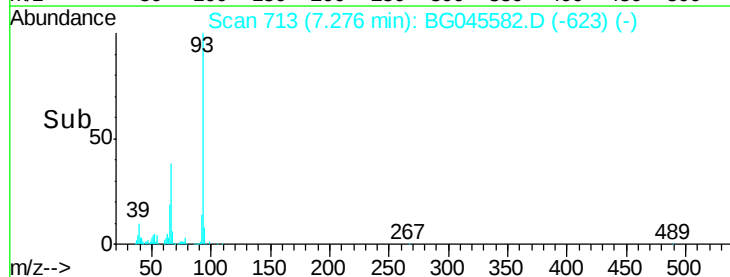
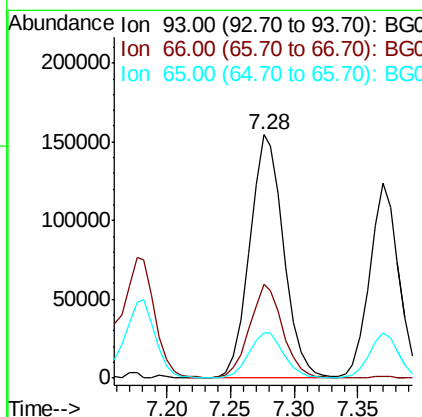
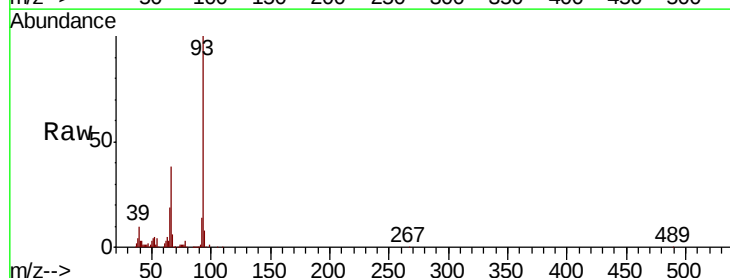
RT: 7.28 min Scan# 713

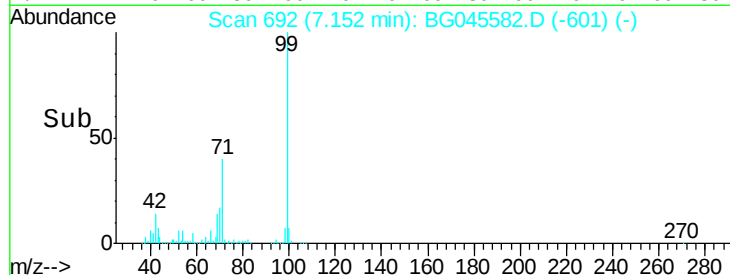
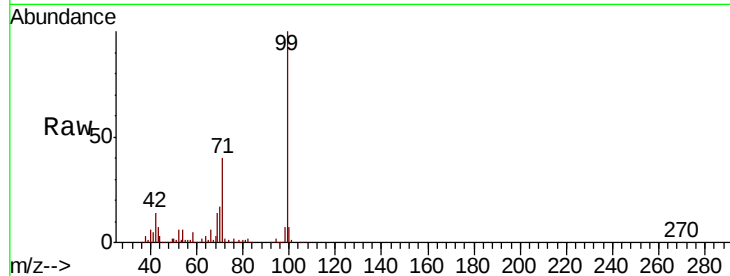
Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Tgt Ion:	93	Resp:	287255
Ion Ratio	Lower	Upper	
93	100		
66	38.4	29.6	44.4
65	18.7	15.9	23.9





#7

Phenol-d6

Concen: 191.903 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Tot Ion	99	Resp	801087
Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.3	16.9
71	39.8	30.8	46.2

Instrument :

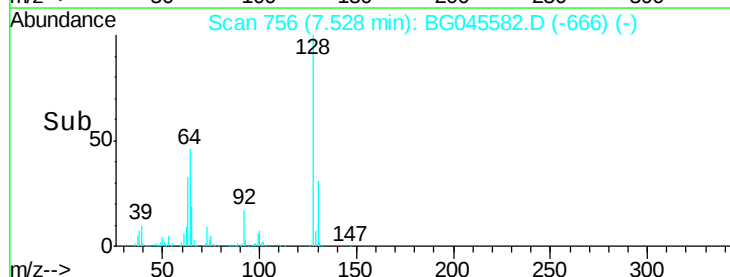
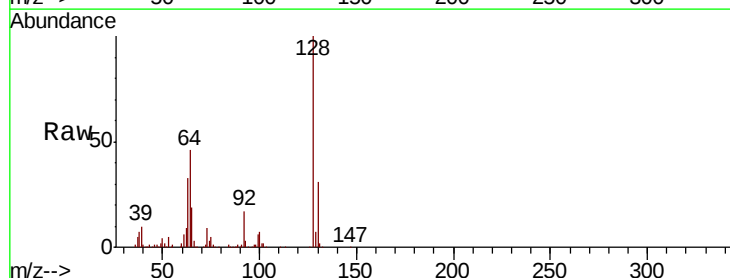
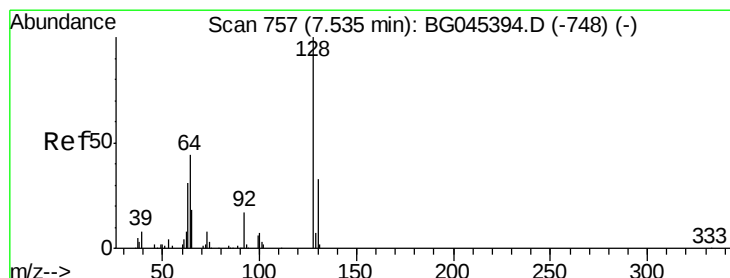
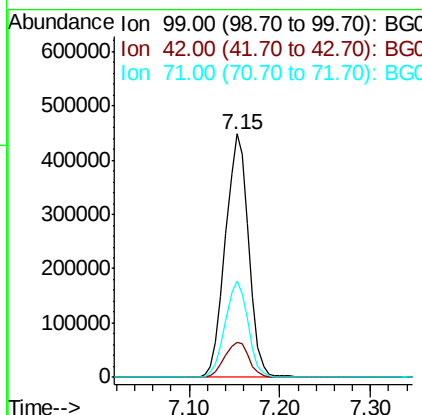
BNA_G

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#8

2-Chlorophenol

Concen: 66.073 ng

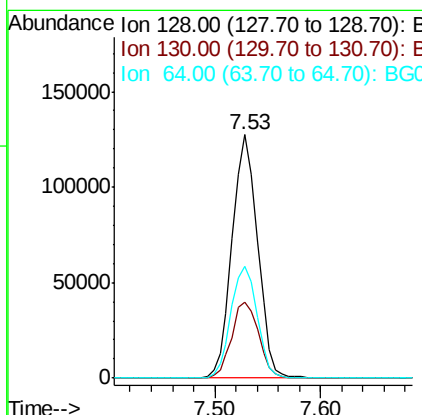
RT: 7.53 min Scan# 756

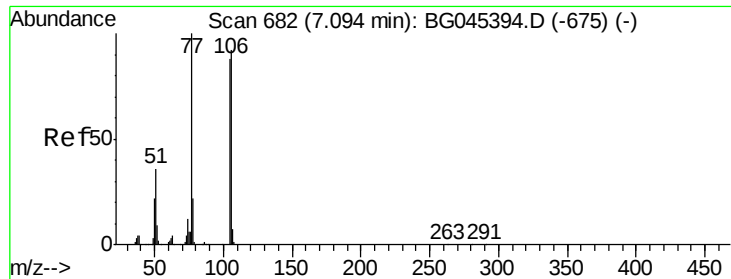
Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Tgt Ion	128	Resp	212511
Ion	Ratio	Lower	Upper
128	100		
130	31.1	12.6	52.6
64	46.1	27.0	67.0





#9

Benzaldehyde

Concen: 48.241 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

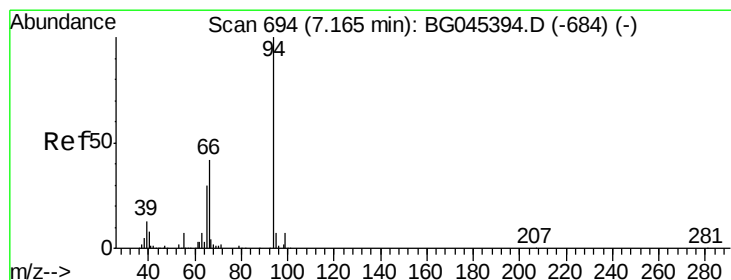
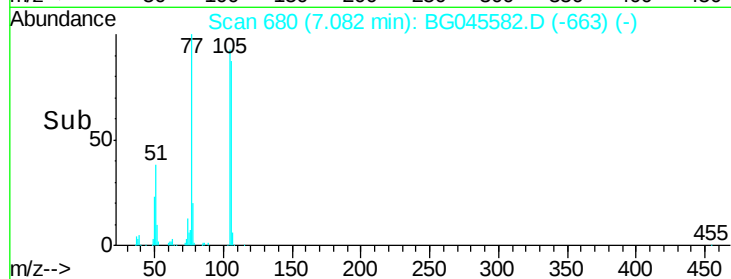
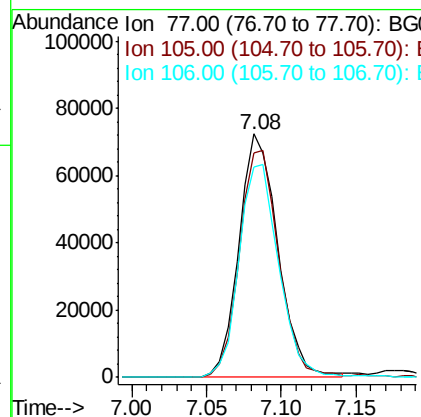
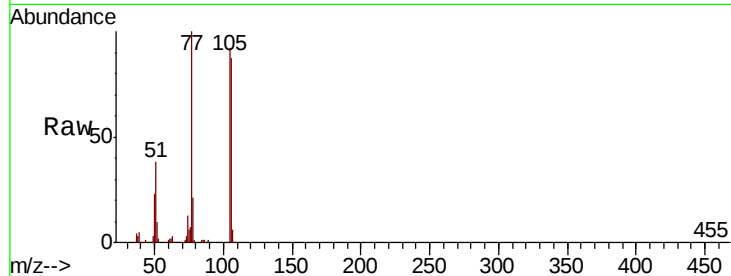
ClientSampleId :

PB129255BS

Tot Ion:	77	Resp:	131203
Ion	Ratio	Lower	Upper
77	100		
105	92.3	68.5	108.5
106	86.6	71.6	111.6

Manual Integrations
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#10

Phenol

Concen: 65.259 ng

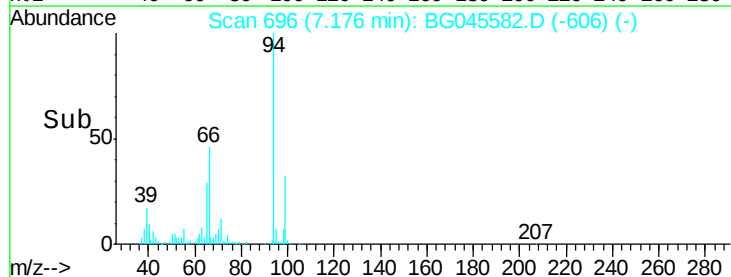
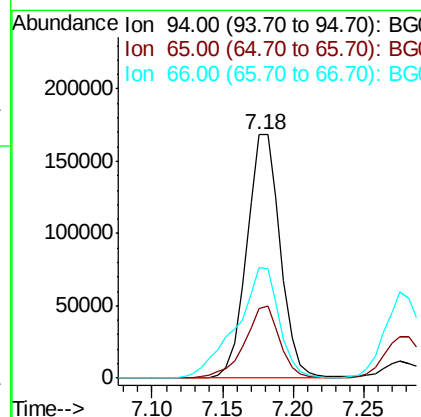
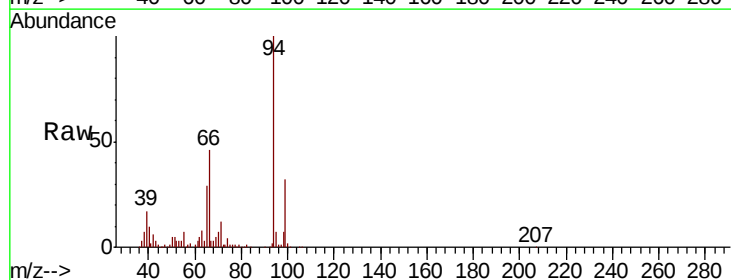
RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Tgt Ion:	94	Resp:	280766
Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.8	49.8
66	45.5	22.0	62.0





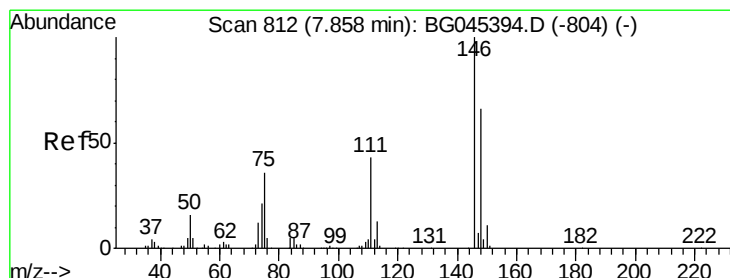
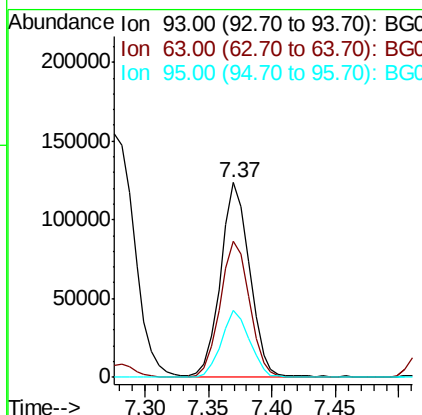
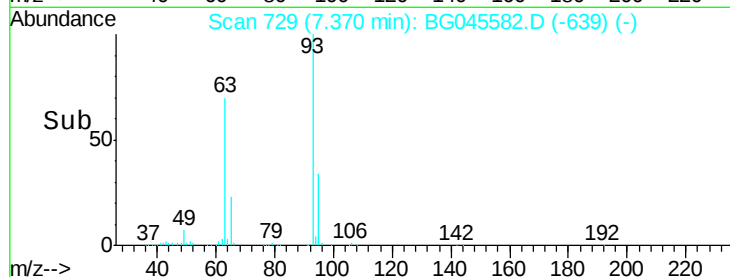
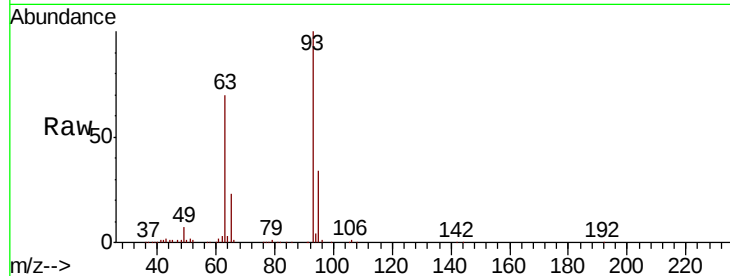
#11
bis(2-Chloroethyl)ether
Concen: 58.119 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion:	93	Resp:	195038
Ion Ratio	Lower	Upper	
93	100		
63	69.9	48.4	88.4
95	34.3	12.4	52.4

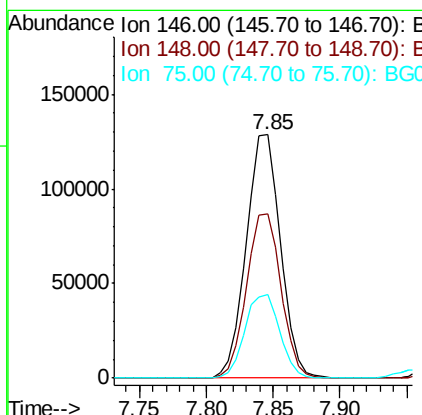
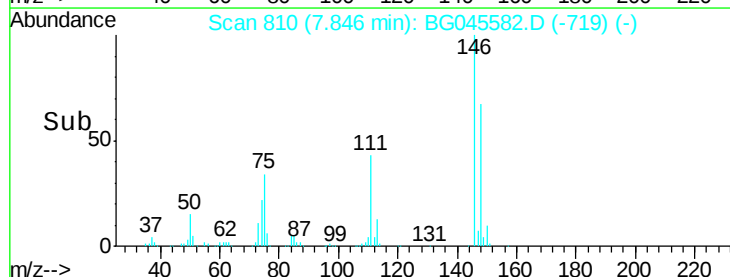
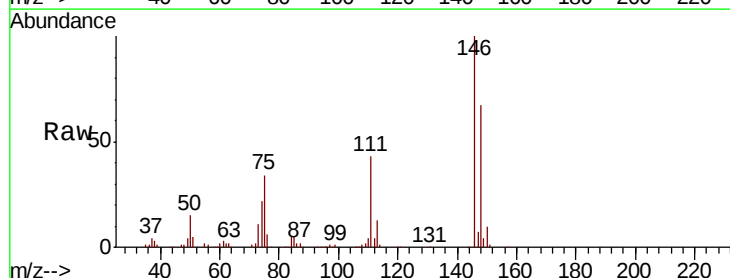
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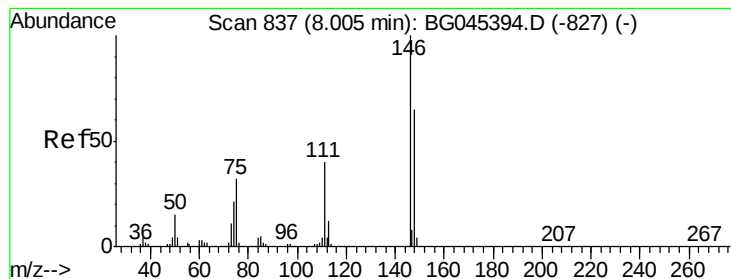
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#12
1,3-Dichlorobenzene
Concen: 59.009 ng
RT: 7.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion:	146	Resp:	228075
Ion Ratio	Lower	Upper	
146	100		
148	67.3	53.2	79.8
75	34.3	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 59.920 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

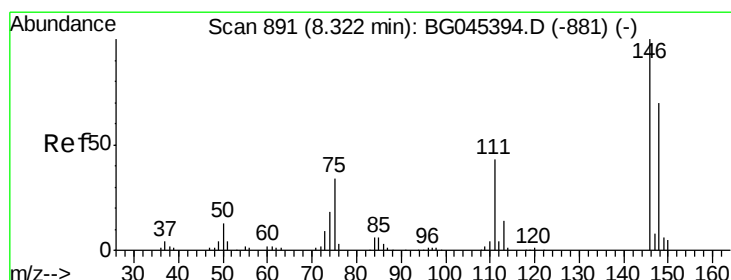
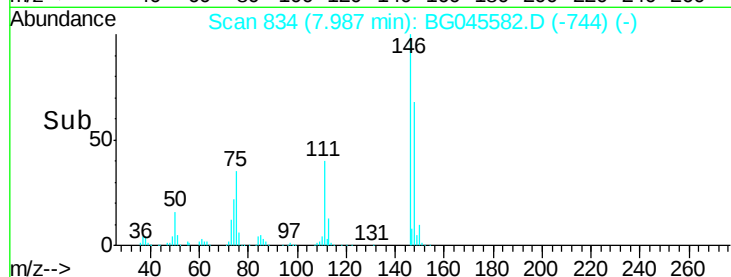
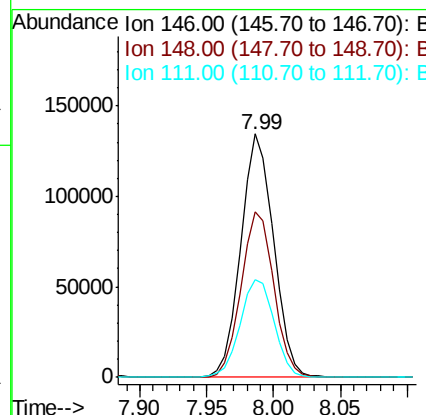
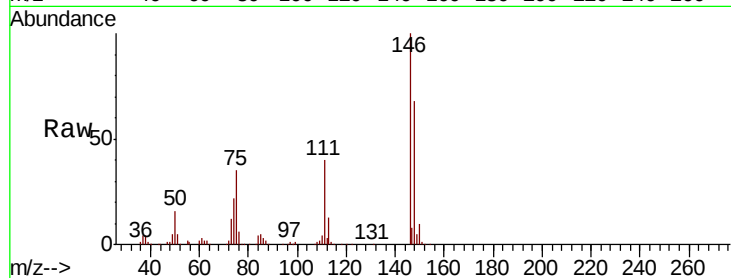
ClientSampleId :

PB129255BS

Tot Ion:	146	Resp:	228553
Ion Ratio	Lower	Upper	
146	100		
148	67.8	51.8	77.8
111	40.0	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 58.656 ng

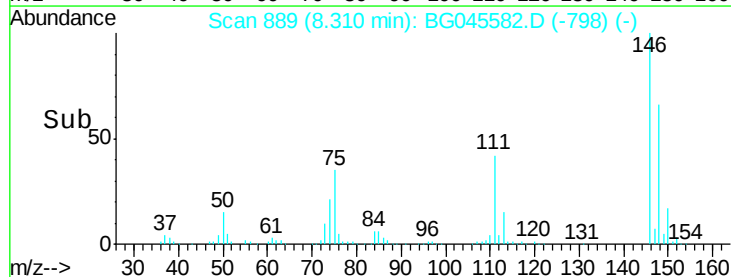
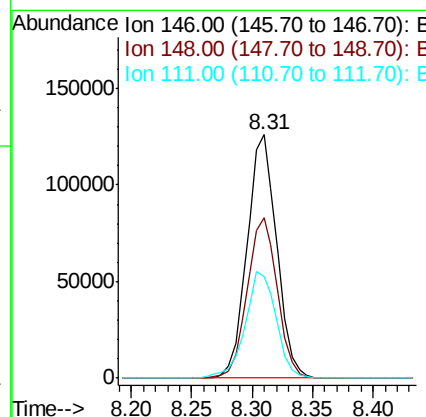
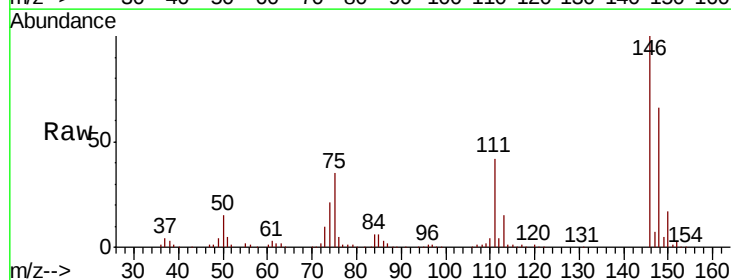
RT: 8.31 min Scan# 889

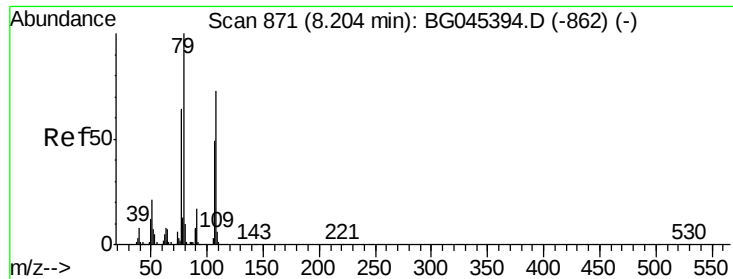
Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Tgt Ion:	146	Resp:	215188
Ion Ratio	Lower	Upper	
146	100		
148	65.9	55.9	83.9
111	41.9	35.0	52.4





#15

Benzyl Alcohol

Concen: 64.999 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

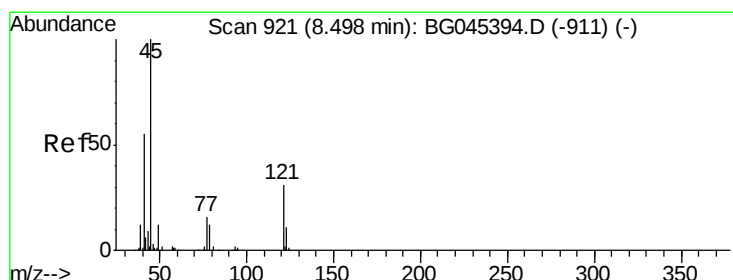
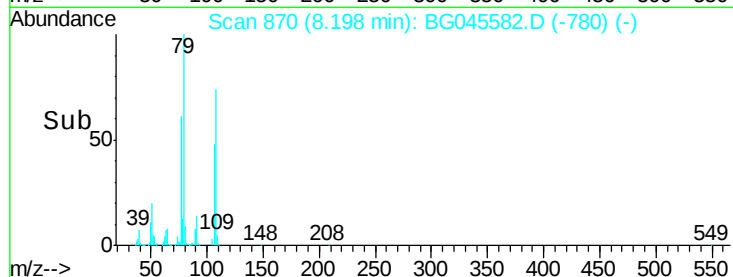
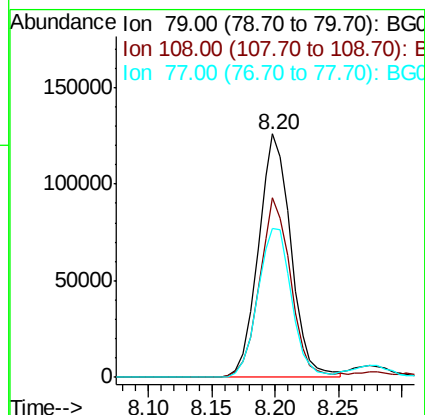
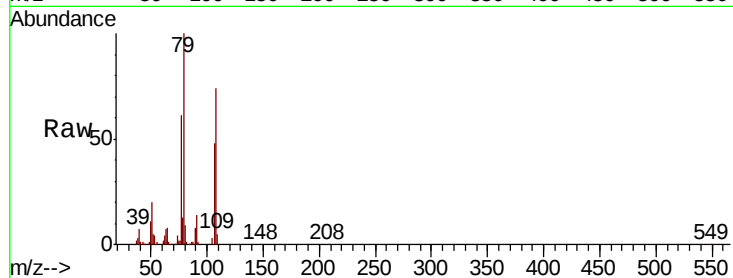
ClientSampleId :

PB129255BS

Tot Ion:	79	Resp:	224147
Ion Ratio	Lower	Upper	
79	100		
108	73.8	58.2	87.4
77	61.0	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.750 ng

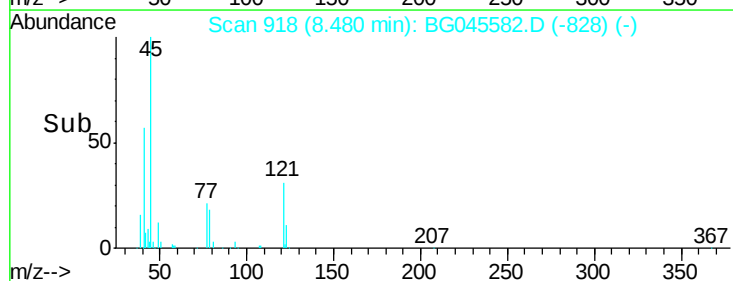
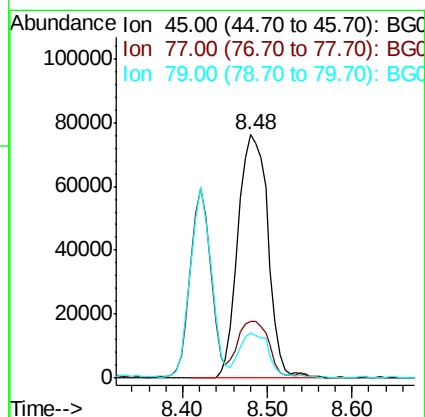
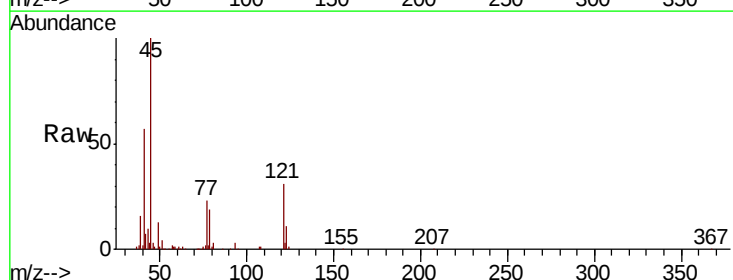
RT: 8.48 min Scan# 918

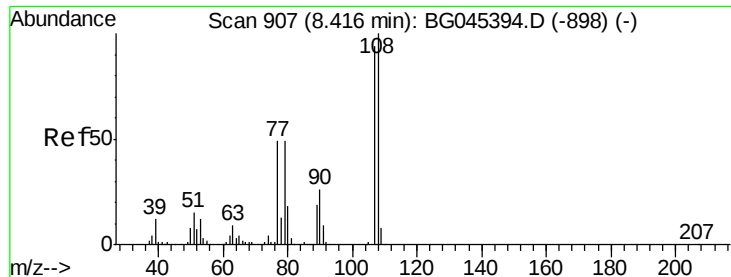
Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Tgt Ion:	45	Resp:	187143
Ion Ratio	Lower	Upper	
45	100		
77	23.1	4.0	44.0
79	18.8	0.0	38.6





#17

2-Methylphenol

Concen: 58.716 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

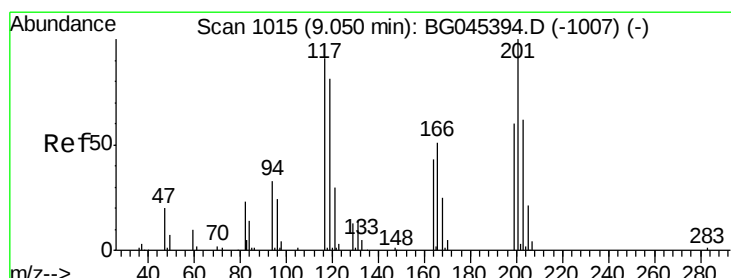
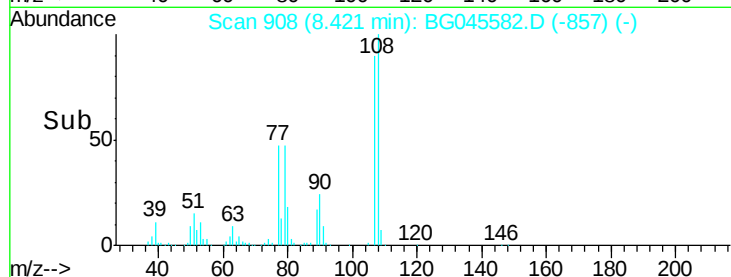
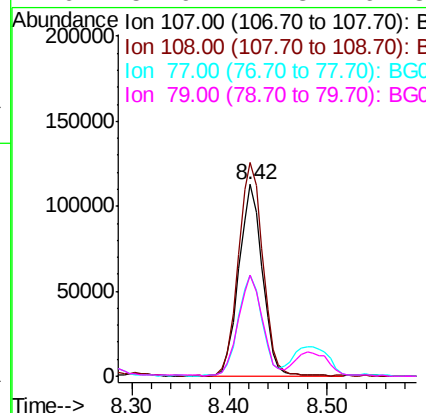
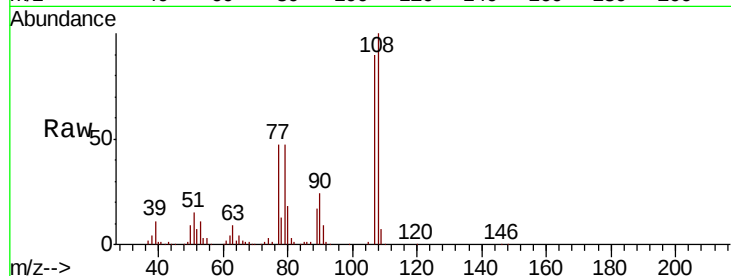
ClientSampleId :

PB129255BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	85.2	127.8	
77	52.8	41.6	62.4	
79	52.9	41.8	62.8	

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#18

Hexachloroethane

Concen: 60.109 ng

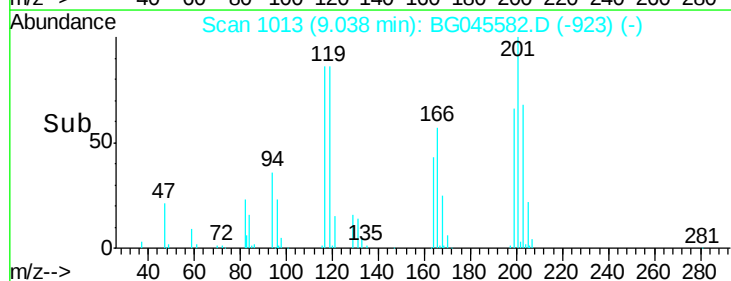
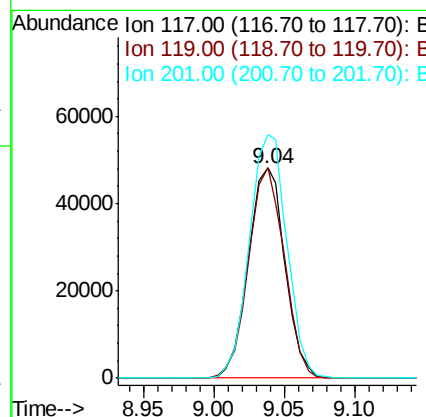
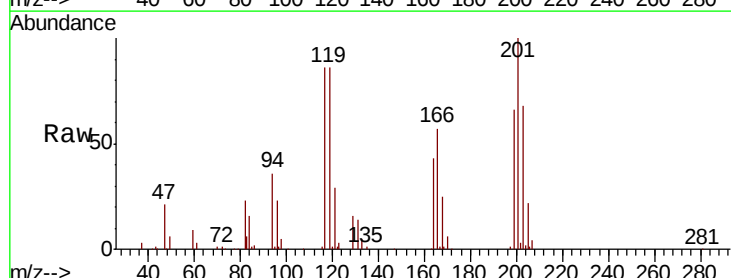
RT: 9.04 min Scan# 1013

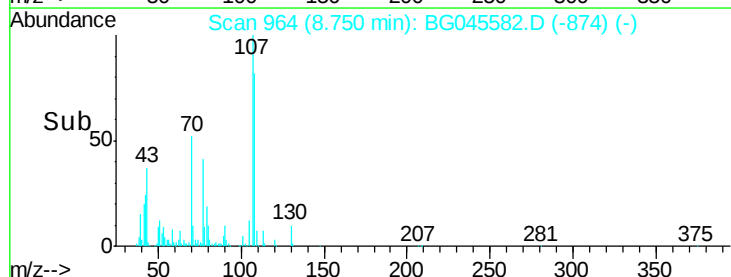
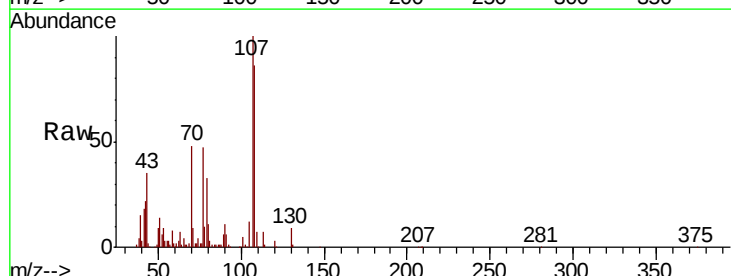
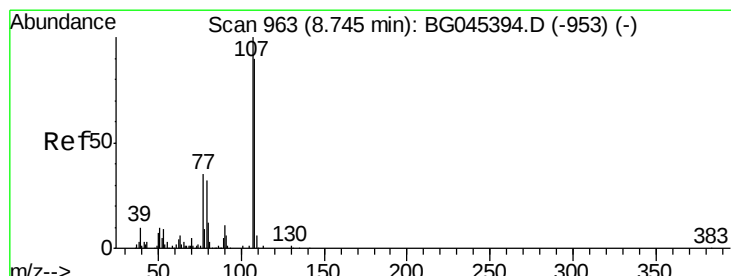
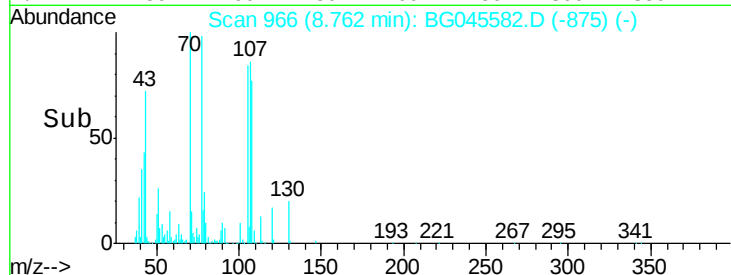
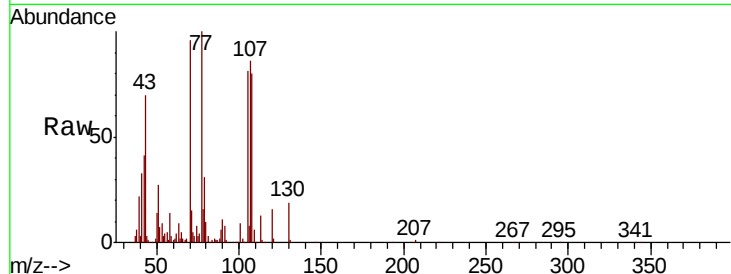
Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

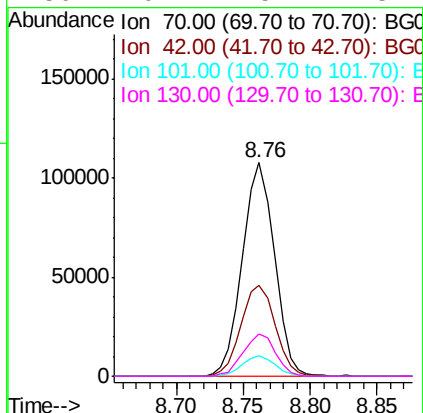
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.0	71.3	106.9	
201	115.9	87.5	131.3	





#19
n-Nitroso-di-n-propylamine
Concen: 61.956 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.8	33.2	49.8	
101	9.7	7.8	11.6	
130	19.7	15.4	23.2	



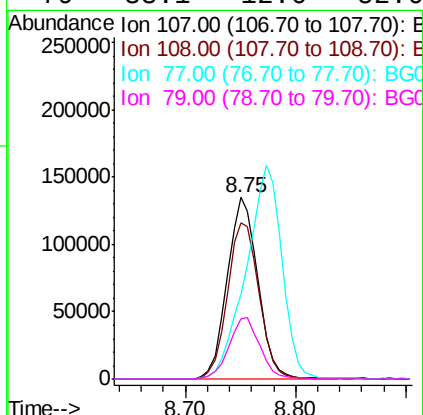
Instrument :
BNA_G
ClientSampleId :
PB129255BS

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#20
3+4-Methylphenols
Concen: 60.058 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.4	70.3	110.3	
77	46.9	15.4	55.4	
79	33.1	12.6	52.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

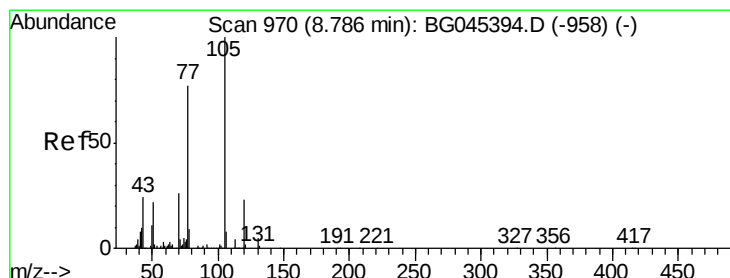
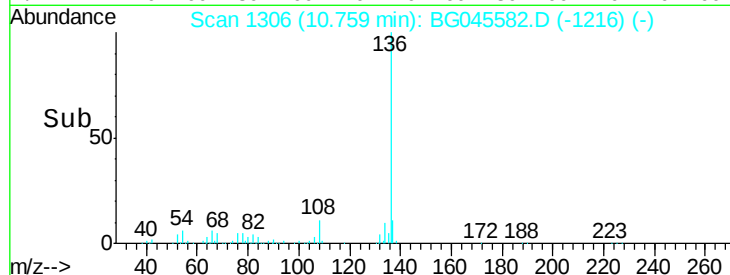
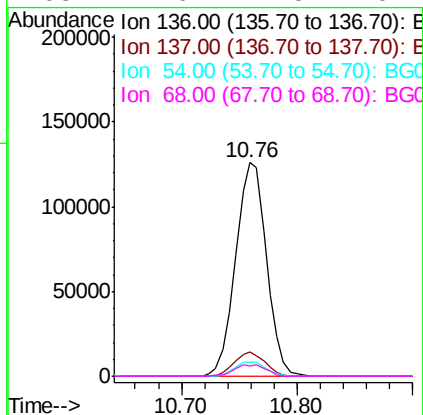
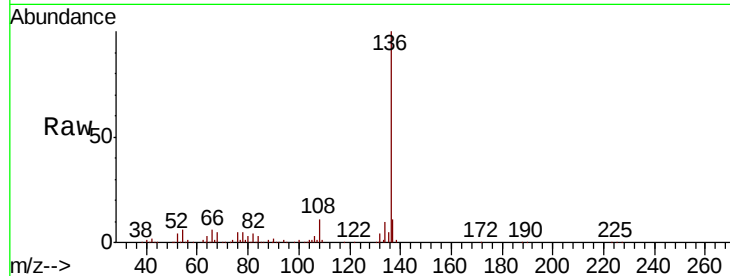
ClientSampleId :

PB129255BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	232236		
137	11.3		9.4	14.2
54	6.3		5.8	8.6
68	4.6		4.5	6.7

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#22

Acetophenone

Concen: 58.842 ng

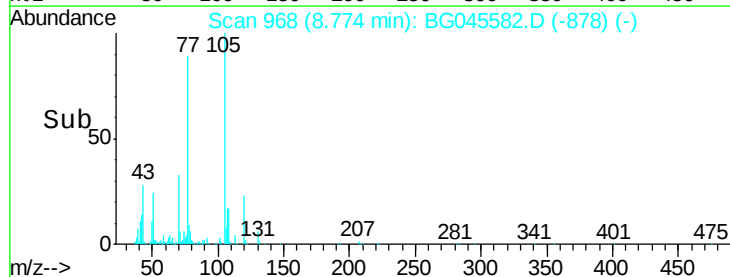
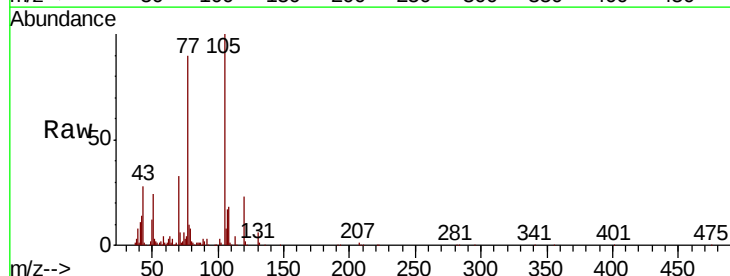
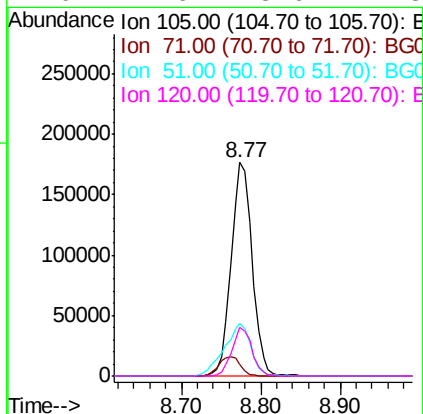
RT: 8.77 min Scan# 968

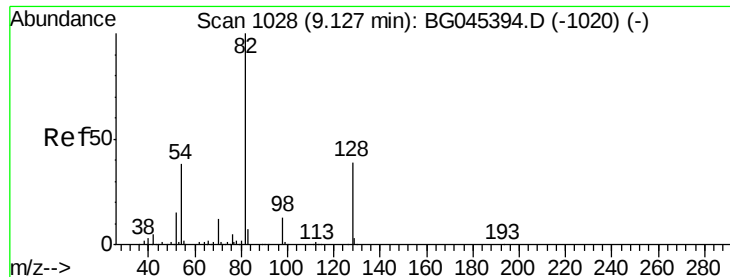
Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	323881		
71	5.6		3.4	5.0#
51	24.5		18.2	27.2
120	22.6		18.6	27.8





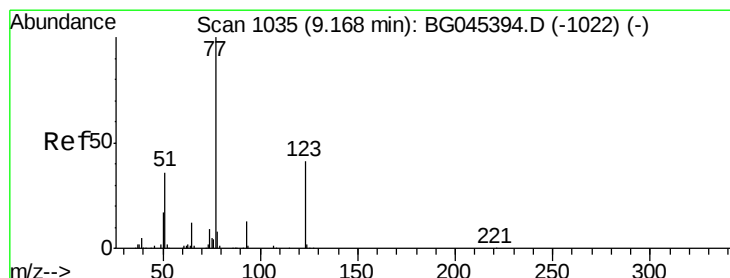
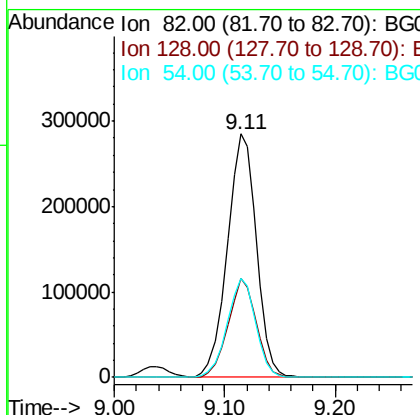
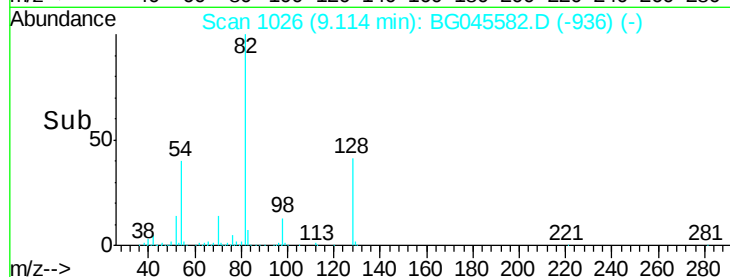
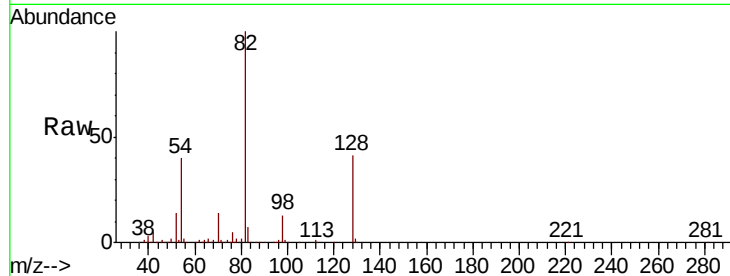
#23
 Nitrobenzene-d5
 Concen: 122.886 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB129255BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	30.9	46.3
54	40.5	30.3	45.5

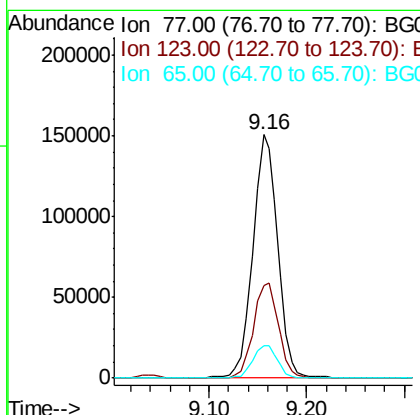
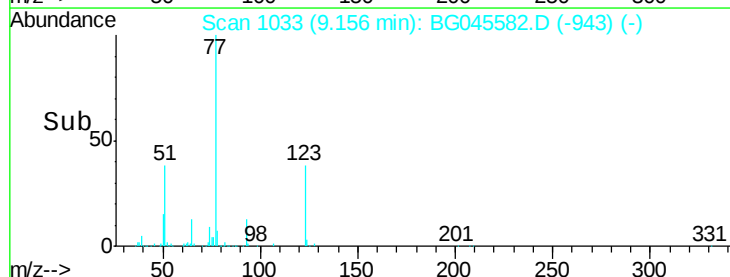
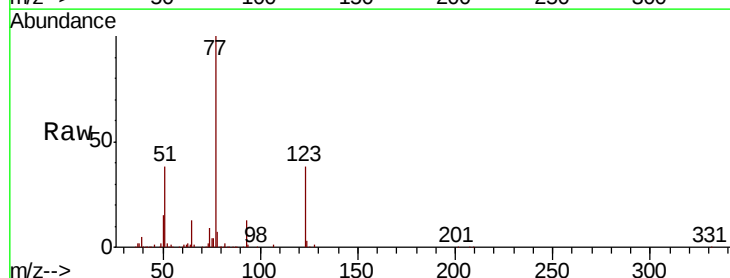
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#24
 Nitrobenzene
 Concen: 59.260 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.1	32.9	49.3
65	13.3	9.4	14.2





#25

Isophorone

Concen: 59.223 ng

RT: 9.68 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

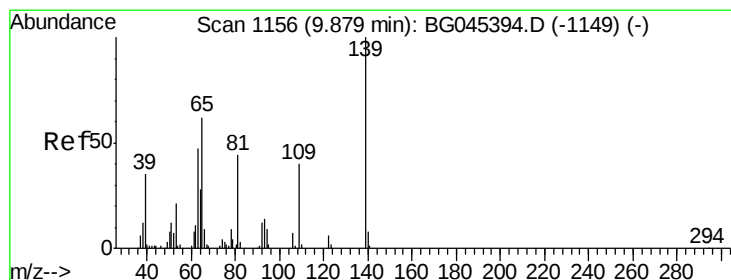
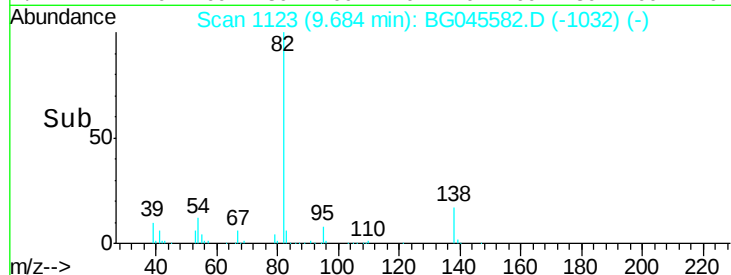
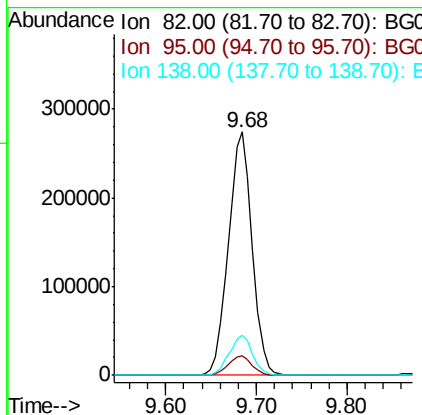
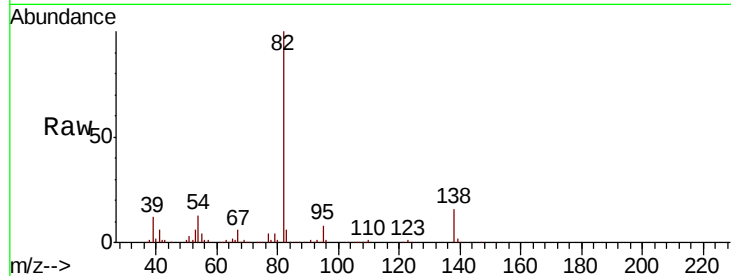
ClientSampleId :

PB129255BS

Tot Ion:	82	Resp:	496705
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.7	10.1
138	16.5	12.2	18.4

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#26

2-Nitrophenol

Concen: 63.198 ng

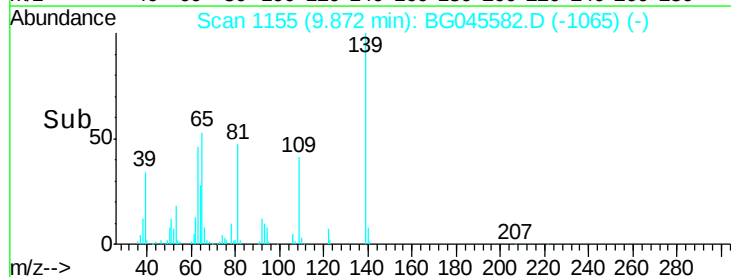
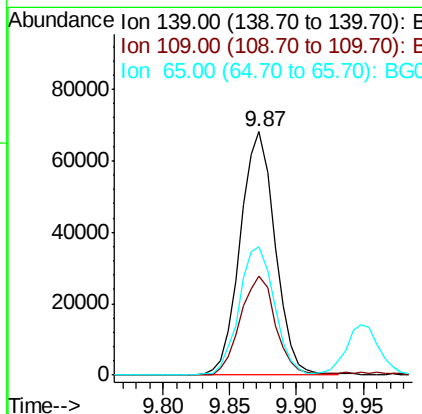
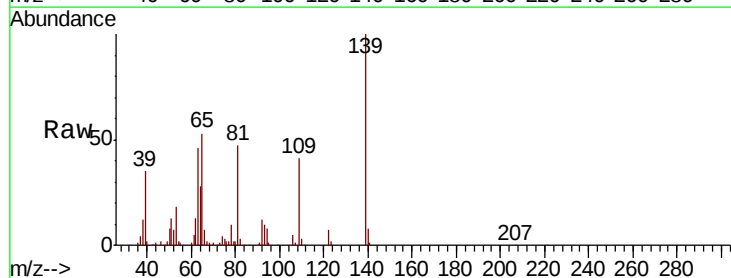
RT: 9.87 min Scan# 1155

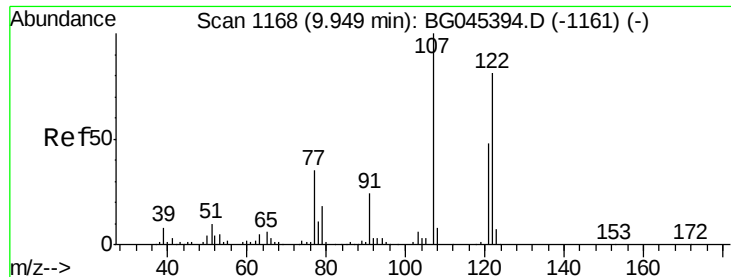
Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Tgt Ion:	139	Resp:	123356
Ion Ratio	Lower	Upper	
139	100		
109	40.8	32.2	48.4
65	53.0	49.6	74.4





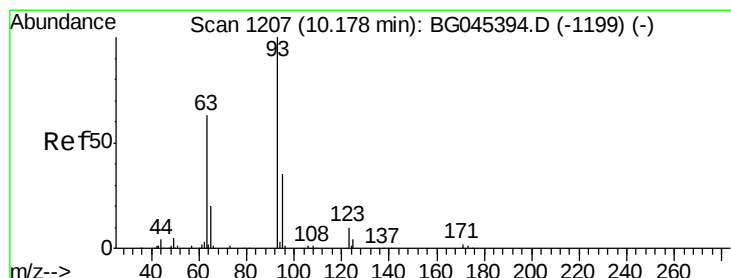
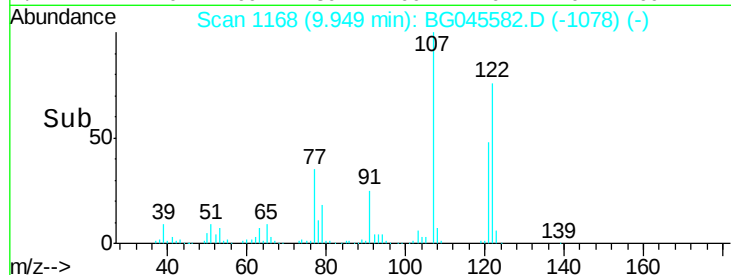
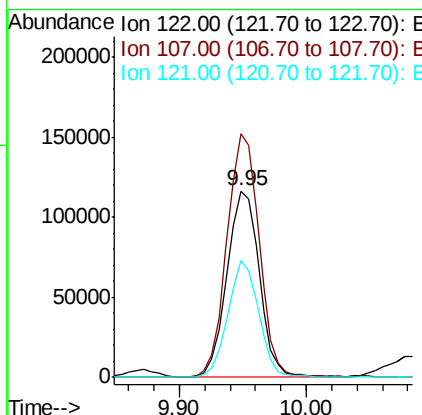
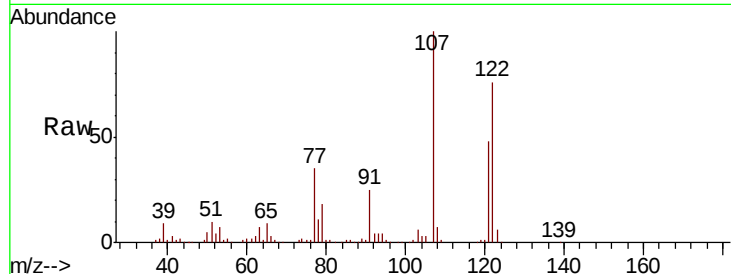
#27
 2,4-Dimethylphenol
 Concen: 70.628 ng
 RT: 9.95 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB129255BS

Tot Ion:	122	Resp:	204467
Ion Ratio	Lower	Upper	
122	100		
107	130.8	99.0	148.4
121	62.6	47.7	71.5

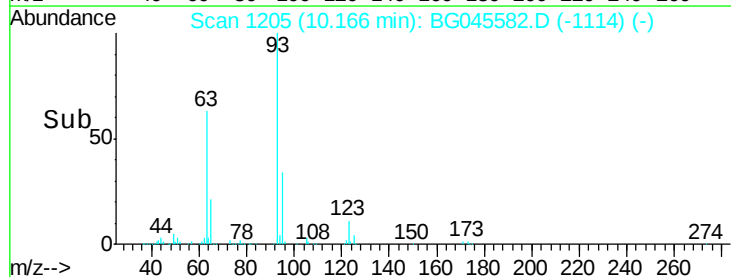
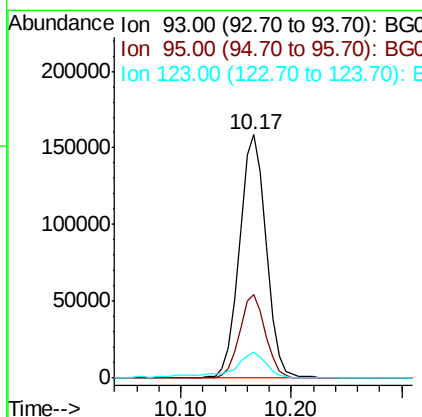
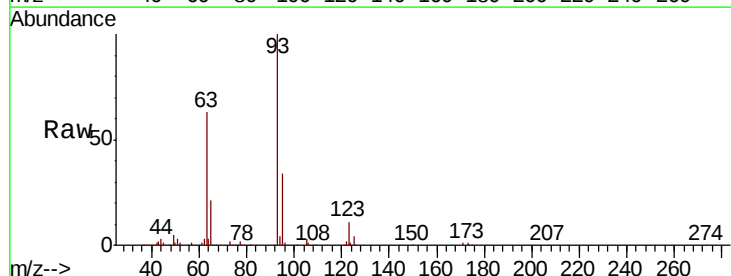
Manual Integrations
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#28
 bis(2-Chloroethoxy)methane
 Concen: 61.274 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Tgt Ion:	93	Resp:	269514
Ion Ratio	Lower	Upper	
93	100		
95	34.2	27.6	41.4
123	10.5	8.1	12.1





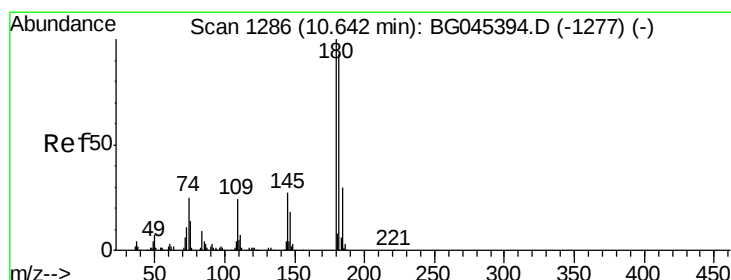
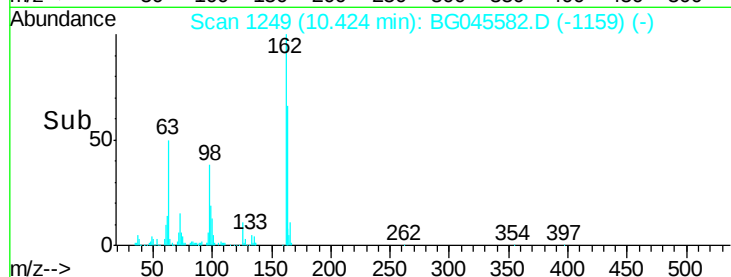
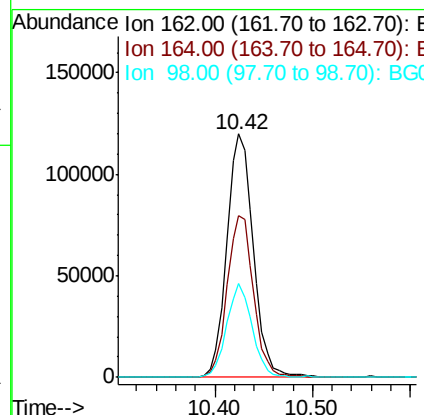
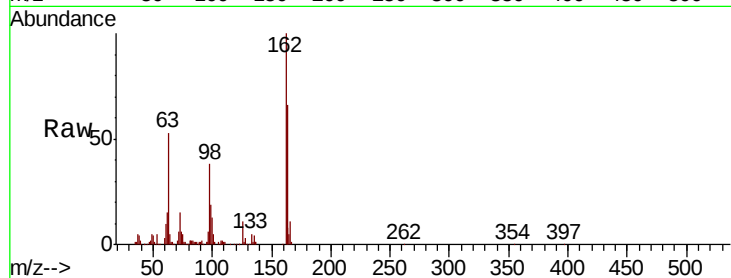
#29
 2,4-Dichlorophenol
 Concen: 65.787 ng
 RT: 10.42 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB129255BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	46.8	86.8
98	38.4	15.2	55.2

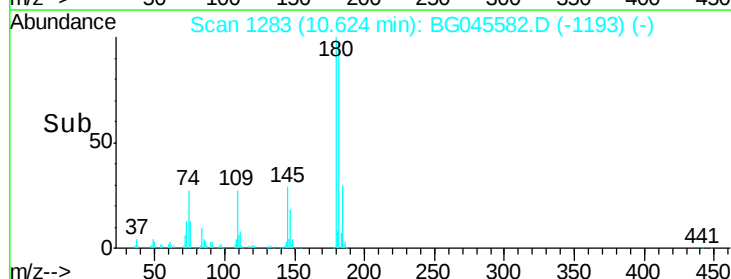
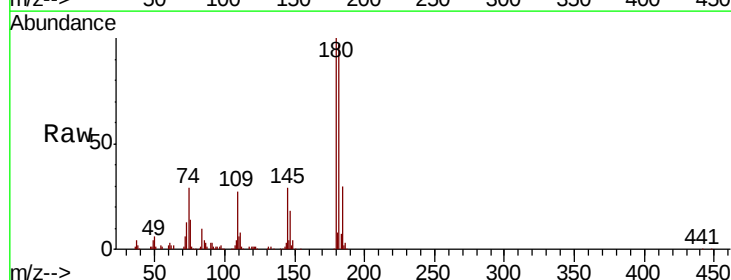
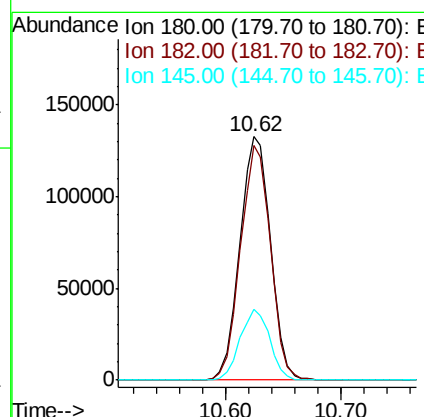
Manual Integrations
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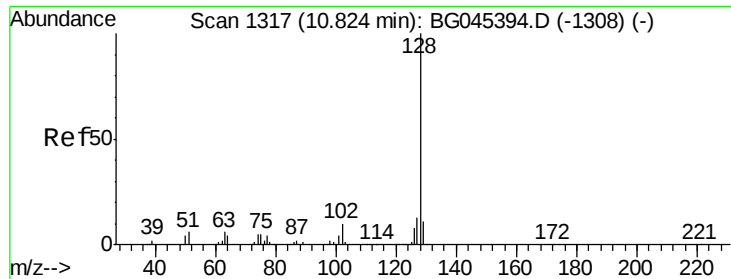
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#30
 1,2,4-Trichlorobenzene
 Concen: 60.091 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	74.8	112.2
145	29.2	21.9	32.9





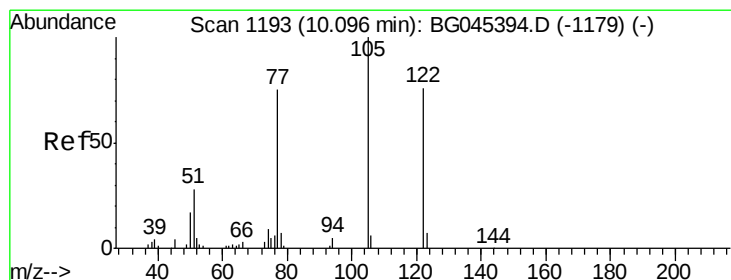
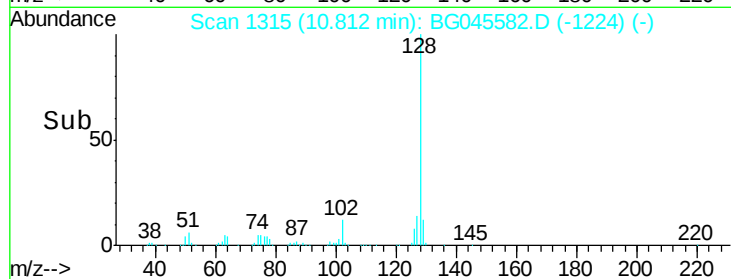
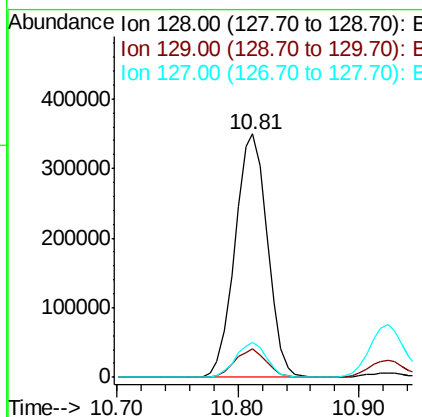
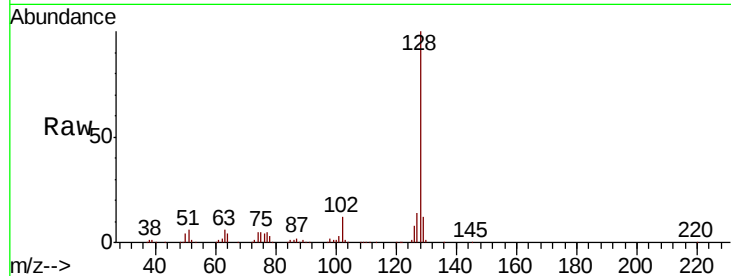
#31
Naphthalene
Concen: 60.420 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.6	9.0	13.6
127	14.1	10.7	16.1

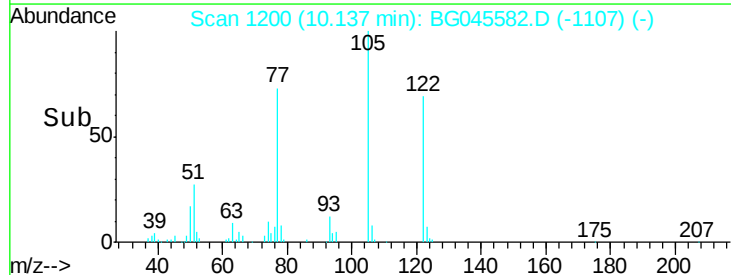
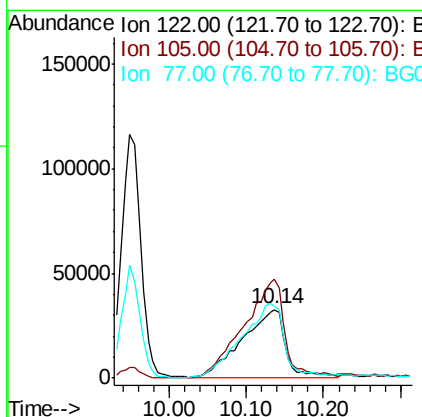
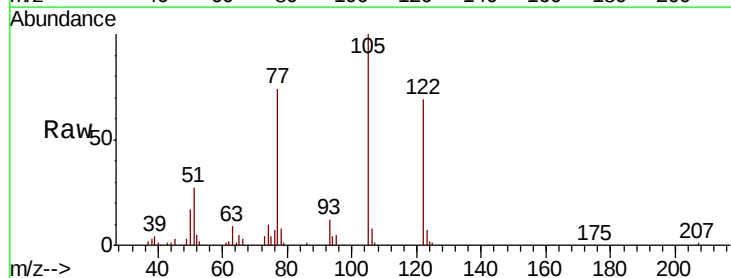
Manual Integrations
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#32
Benzoic acid
Concen: 60.284 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.02 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	144.2	107.9	147.9
77	106.3	78.9	118.9





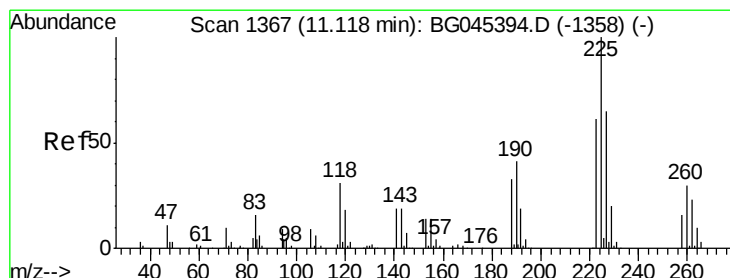
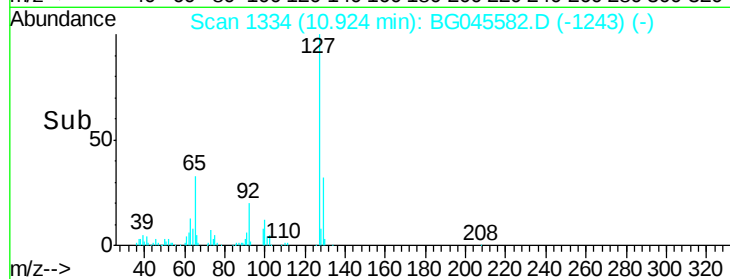
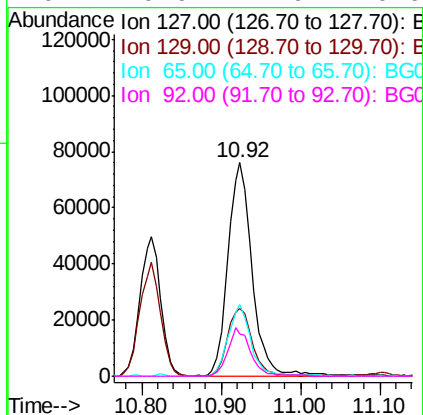
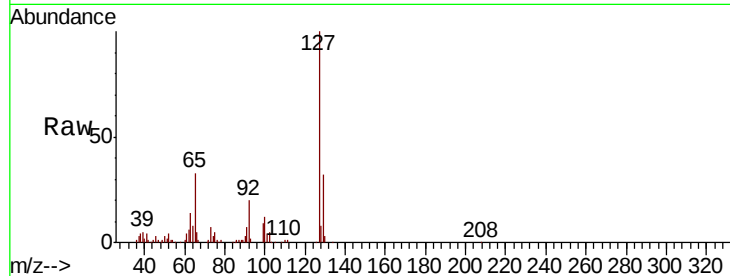
#33
4-Chloroaniline
Concen: 35.102 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	24.7	37.1	
65	33.3	26.2	39.2	
92	19.9	17.9	26.9	

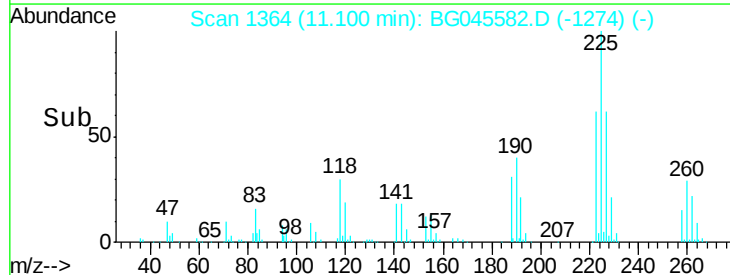
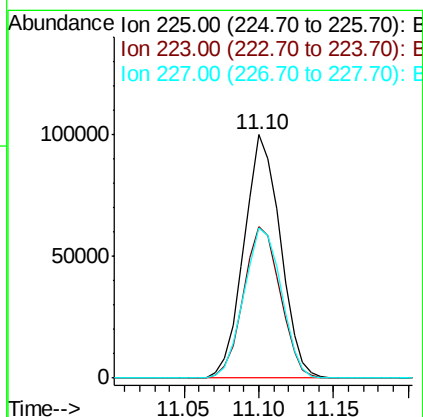
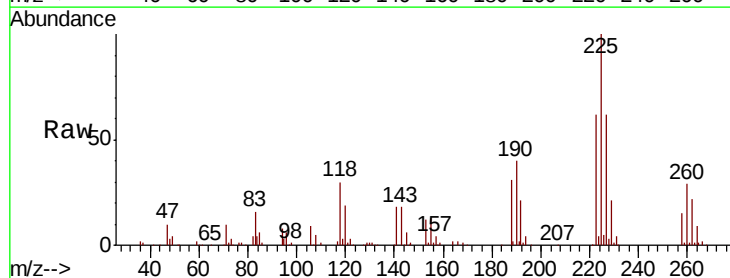
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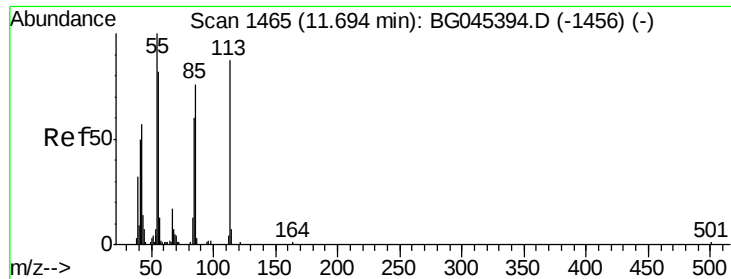
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#34
Hexachlorobutadiene
Concen: 59.011 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	49.1	73.7	
227	61.8	52.0	78.0	





#35

Caprolactam

Concen: 65.531 ng/ml

RT: 11.71 min Scan# 1467

Delta R.T. 0.02 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB129255BS

Tot Ion:113 Resp: 82228

Ion Ratio Lower Upper

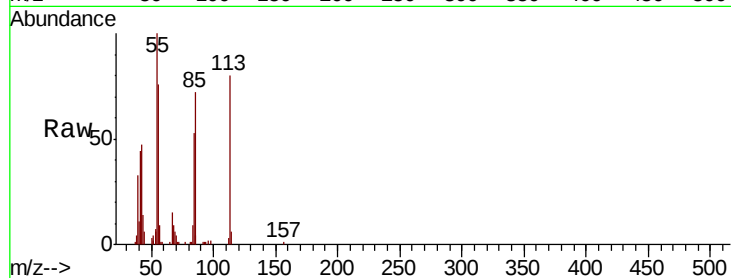
113 100

55 124.7 96.0 136.0

56 94.8 75.1 115.1

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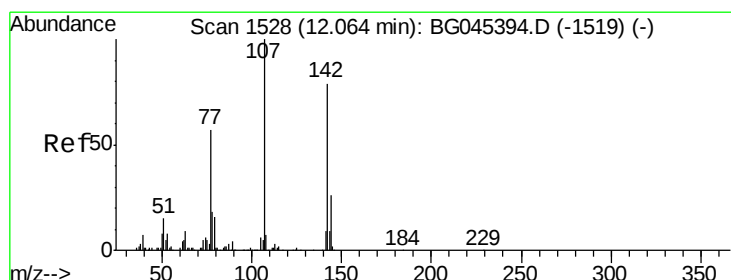
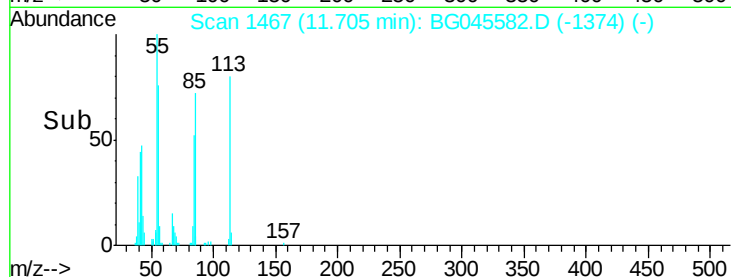
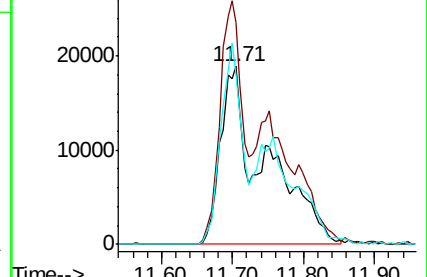
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 67.494 ng/ml

RT: 12.08 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

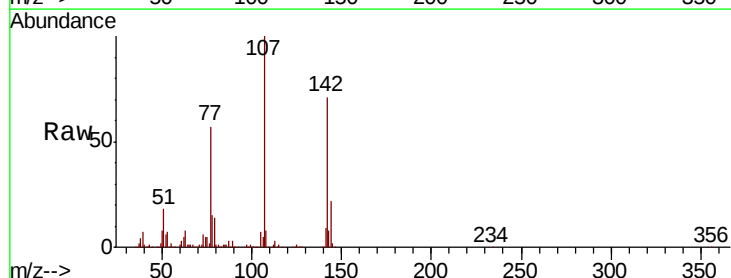
Tgt Ion:107 Resp: 259999

Ion Ratio Lower Upper

107 100

144 22.3 20.8 31.2

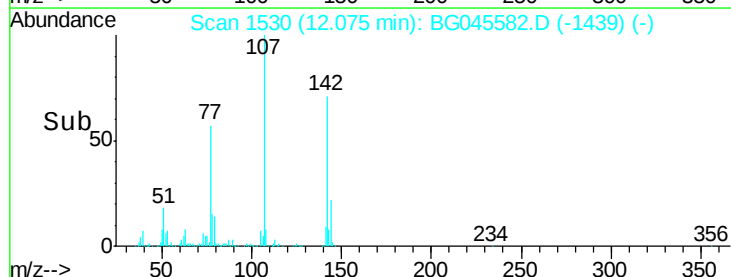
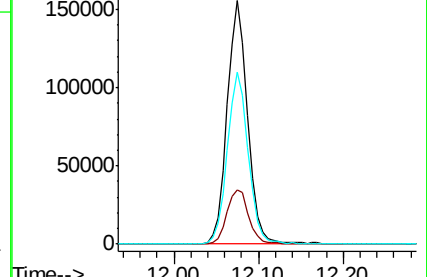
142 70.5 62.8 94.2

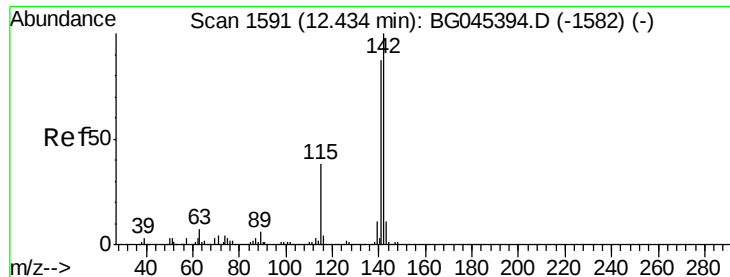


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





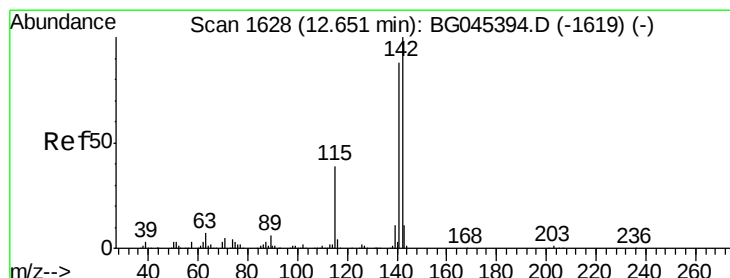
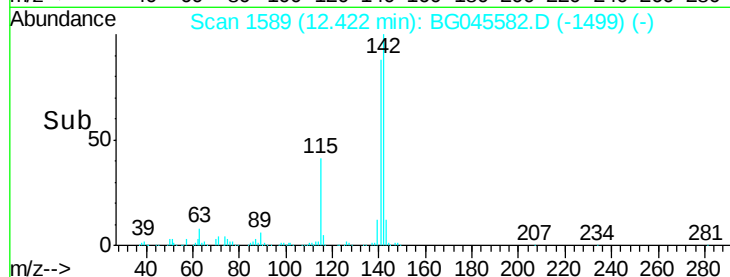
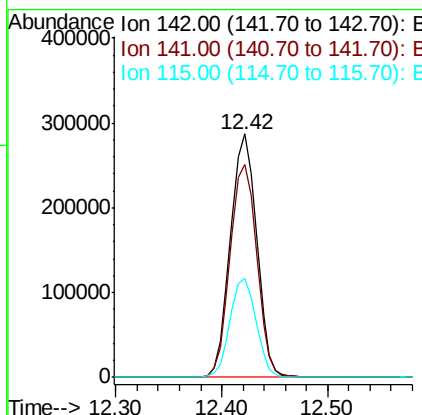
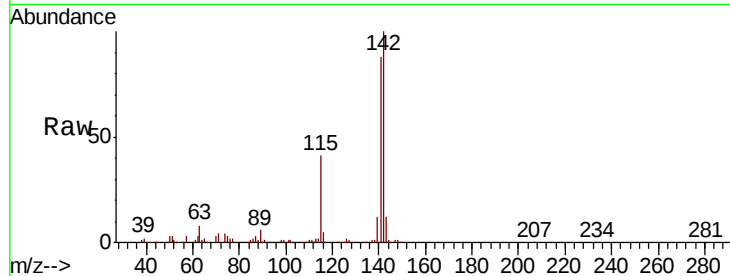
#37
2-Methylnaphthalene
Concen: 61.480 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.0	105.0
115	40.6	30.8	46.2

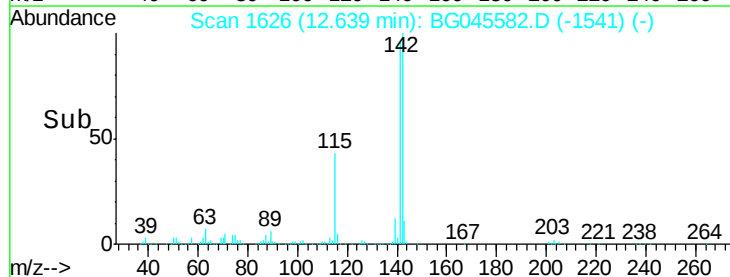
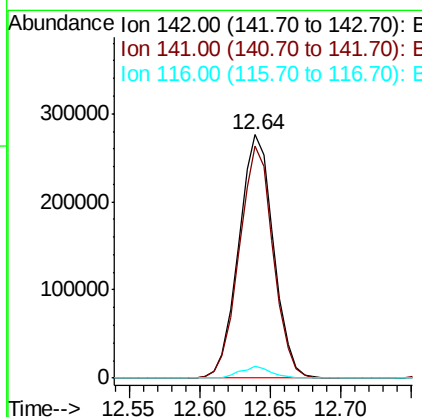
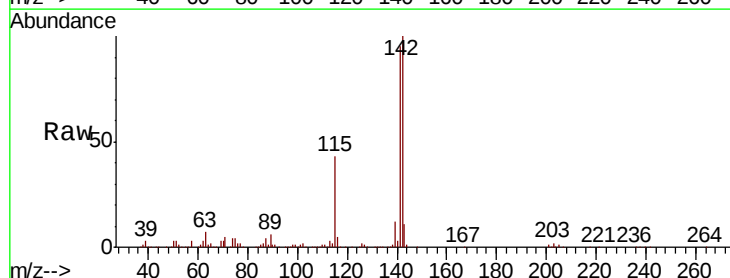
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#38
1-Methylnaphthalene
Concen: 62.013 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	70.8	106.2
116	4.9	3.0	4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

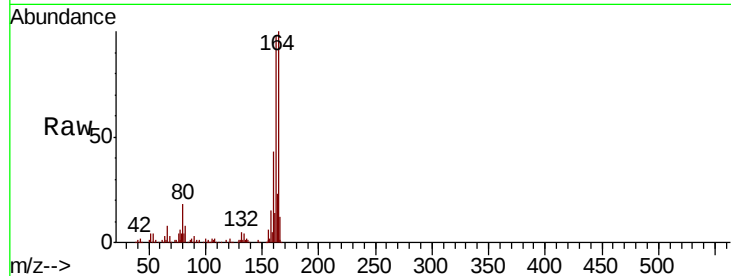
ClientSampleId :

PB129255BS

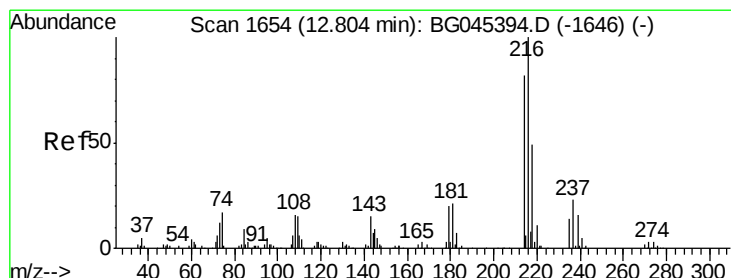
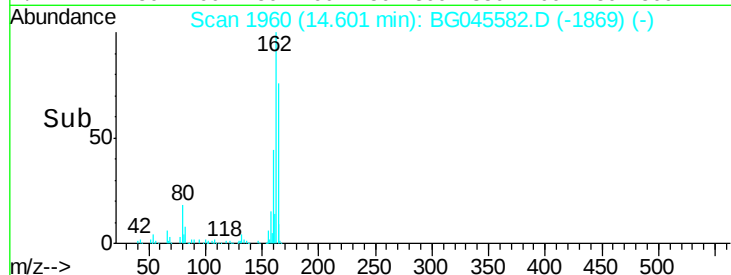
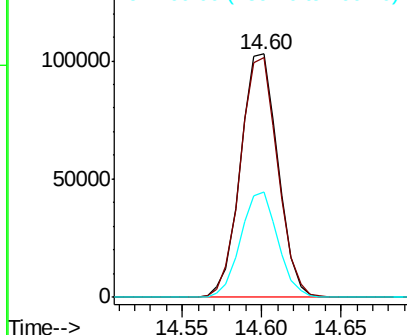
Tot Ion:	164	Resp:	167914
Ion Ratio	Lower	Upper	
164	100		
162	98.3	76.9	115.3
160	43.0	33.8	50.8

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.920 ng

RT: 12.79 min Scan# 1652

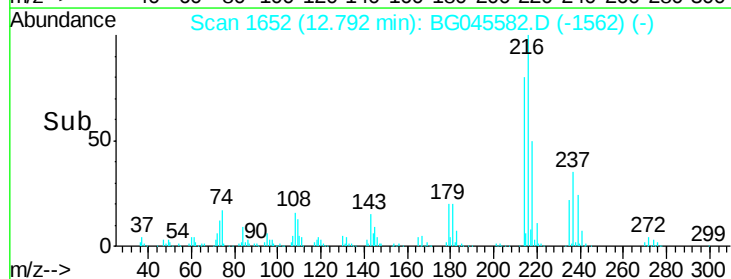
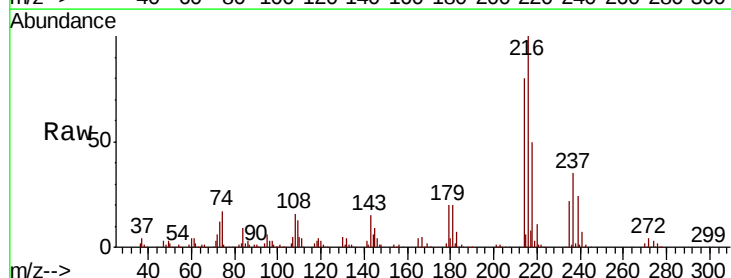
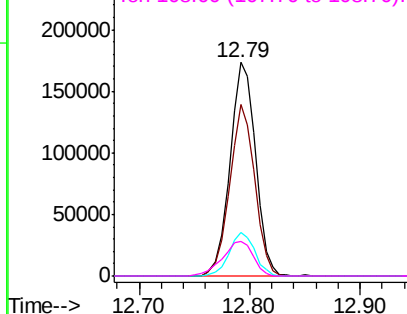
Delta R.T. -0.00 min

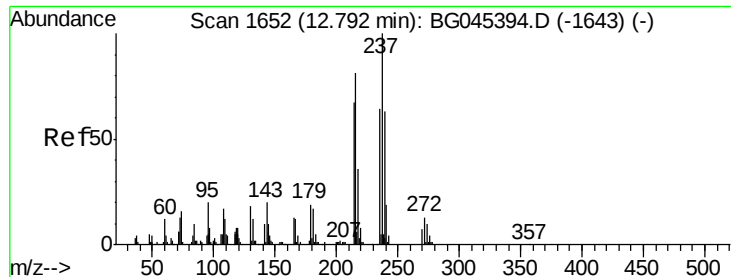
Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Tgt Ion:	216	Resp:	281028
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.7	95.5
179	20.5	16.1	24.1
108	19.4	13.8	20.6

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 133.041 ng

RT: 12.77 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

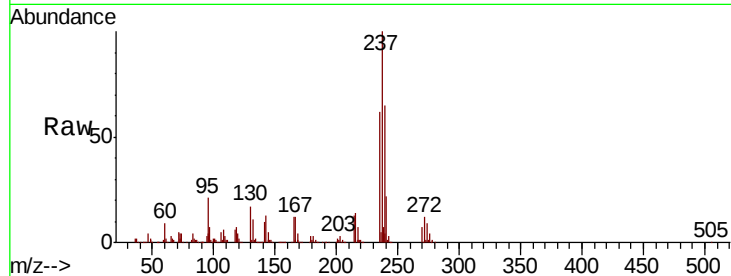
ClientSampleId :

PB129255BS

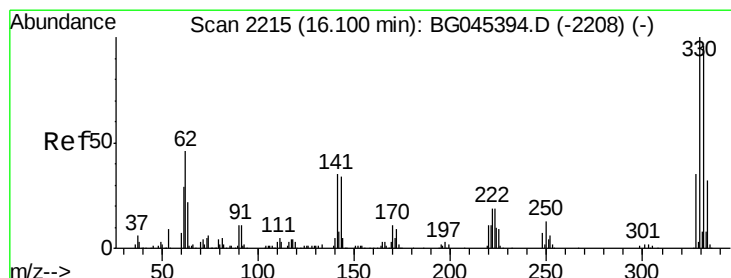
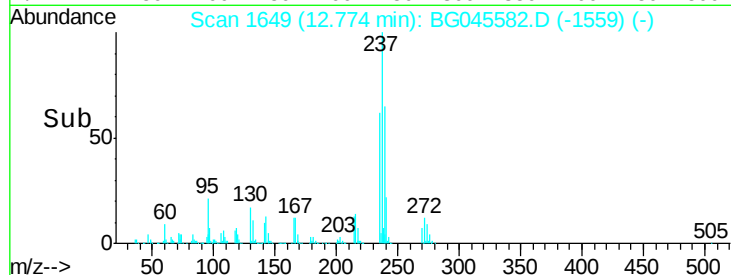
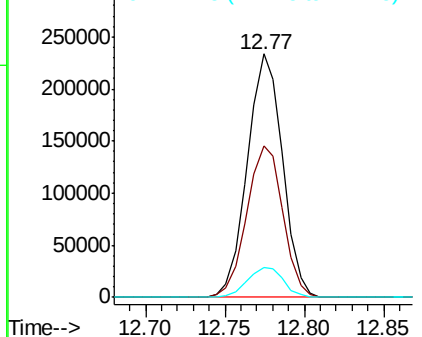
Tot Ion:	237	Resp:	360148
Ion Ratio	Lower	Upper	
237	100		
235	62.3	44.4	84.4
272	12.3	0.0	32.5

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



#42

2,4,6-Tribromophenol

Concen: 188.611 ng

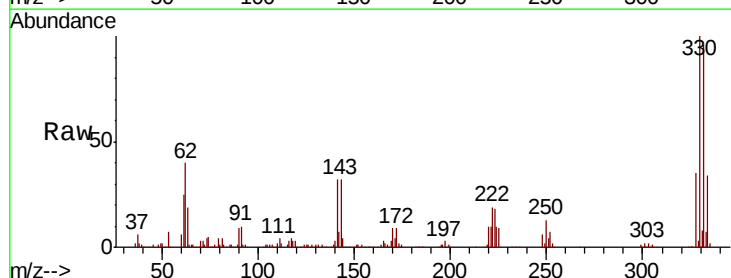
RT: 16.10 min Scan# 2215

Delta R.T. 0.01 min

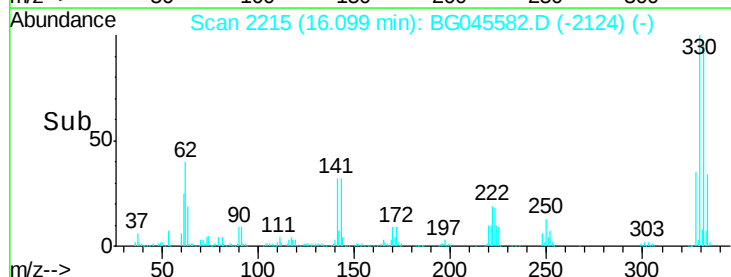
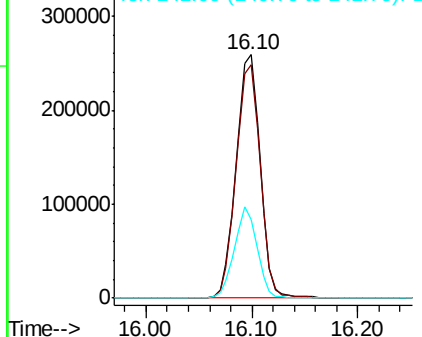
Lab File: BG045582.D

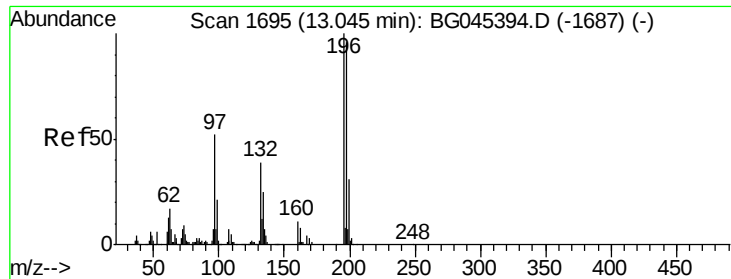
Acq: 3 Jun 2020 15:39

Tgt Ion:	330	Resp:	405030
Ion Ratio	Lower	Upper	
330	100		
332	97.2	78.2	117.4
141	35.4	28.2	42.4



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





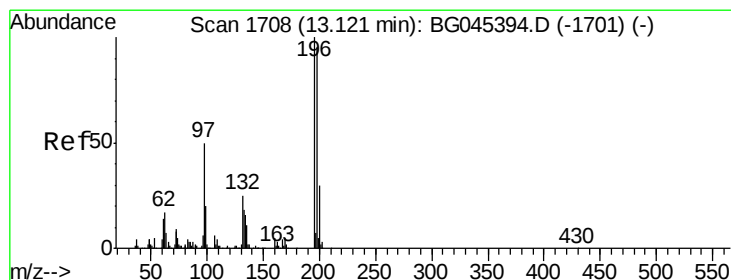
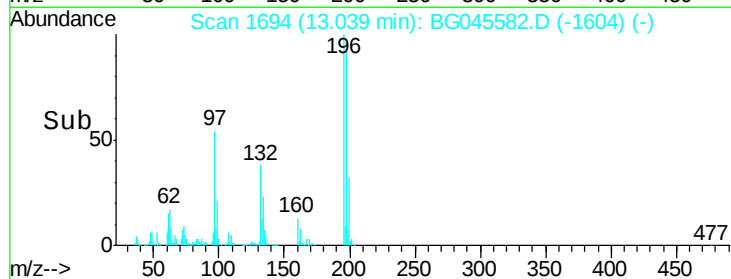
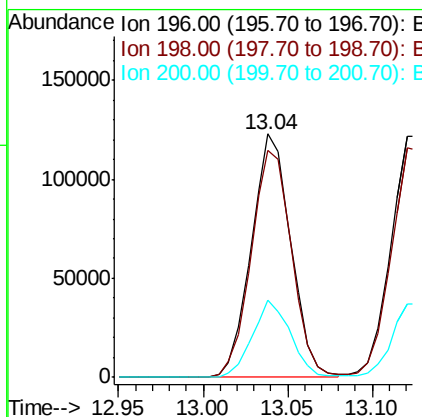
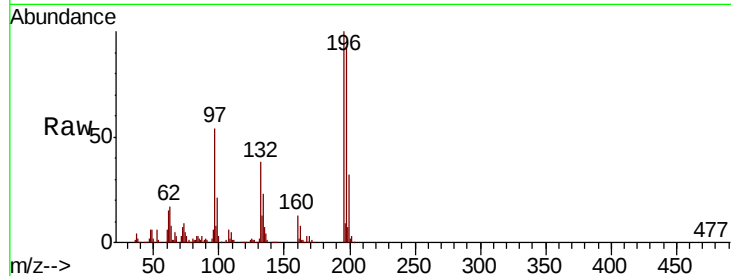
#43
 2,4,6-Trichlorophenol
 Concen: 61.223 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB129255BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	199466		
198	93.5	76.7	115.1	
200	31.6	24.9	37.3	

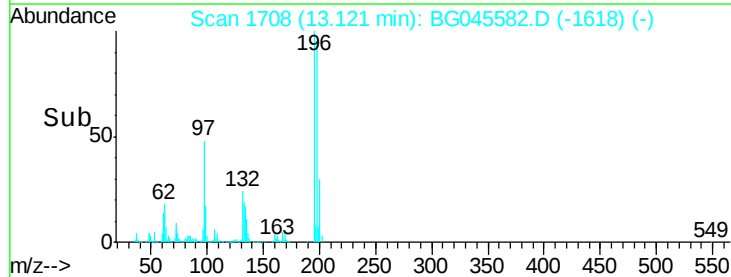
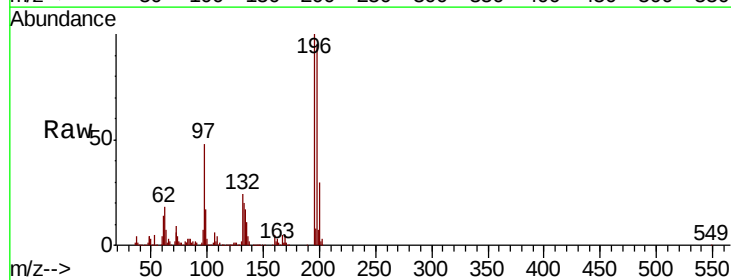
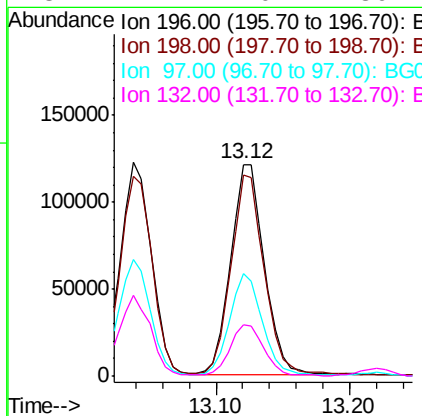
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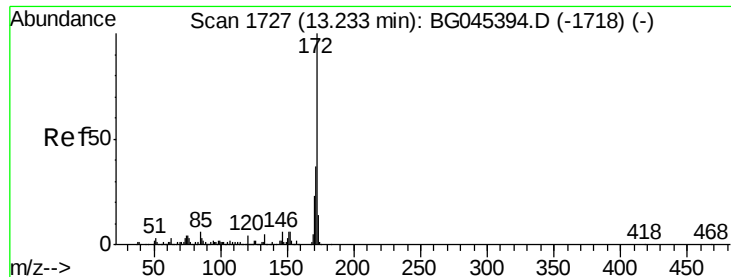
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 57.053 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	212413		
198	95.0	76.1	114.1	
97	48.3	40.0	60.0	
132	24.1	20.2	30.2	





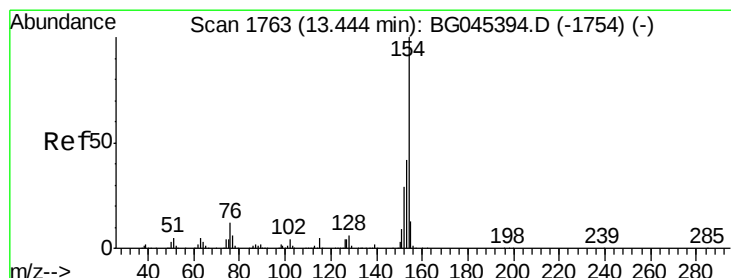
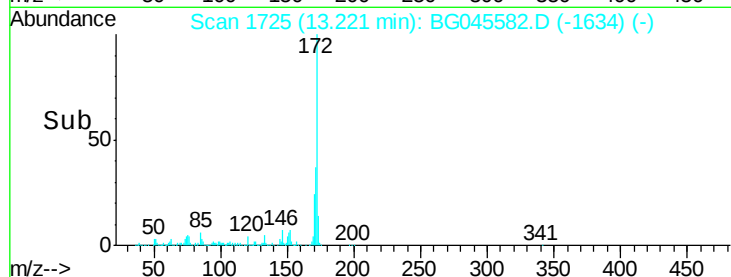
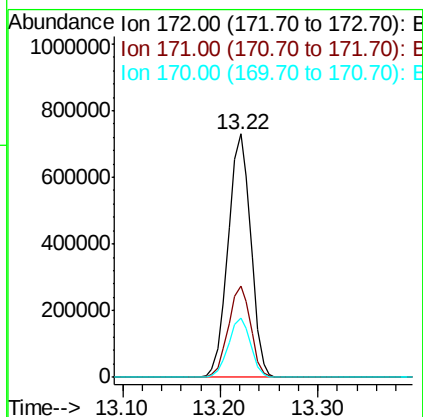
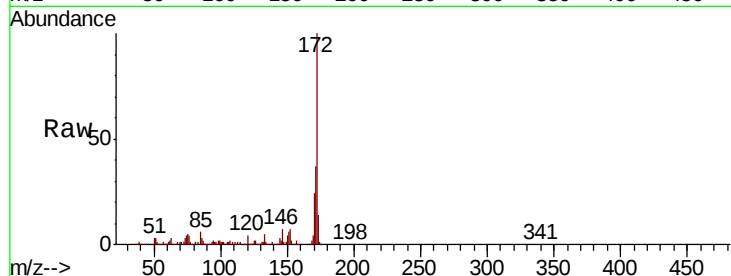
#45
2-Fluorobiphenyl
Concen: 118.525 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	24.5	18.5	27.7

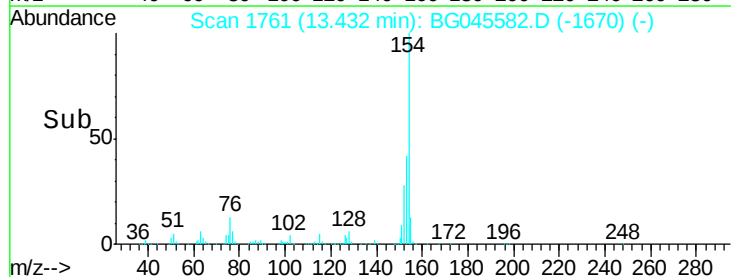
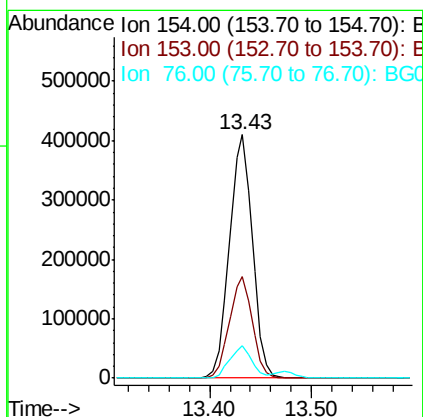
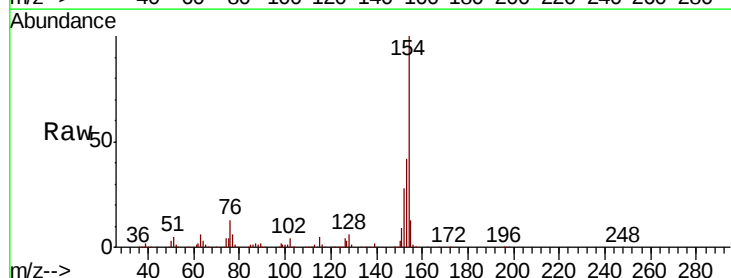
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#46
1,1'-Biphenyl
Concen: 62.405 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.2	62.2
76	13.4	0.0	32.4





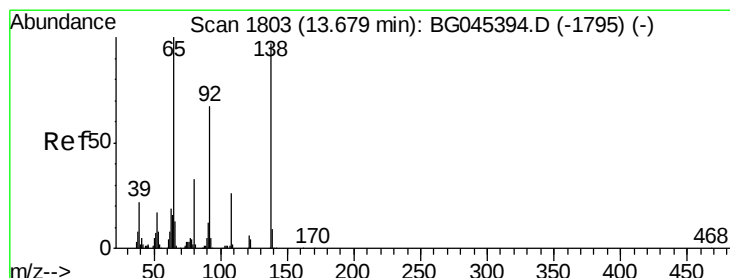
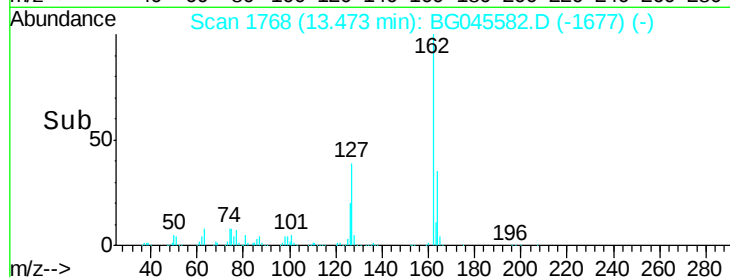
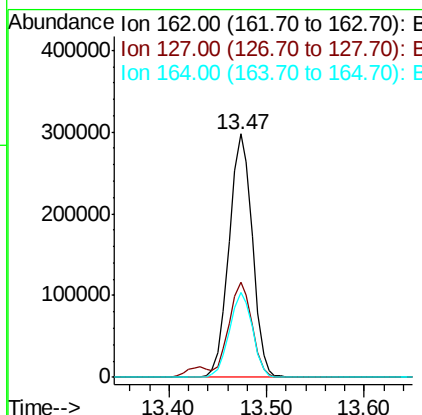
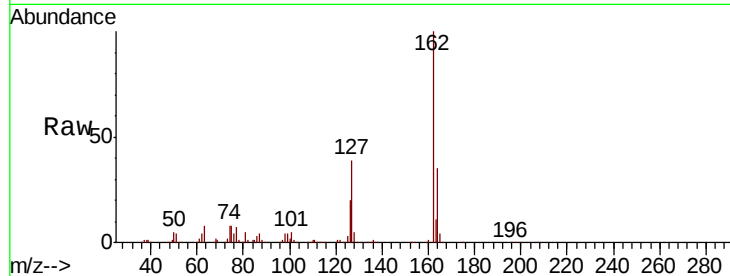
#47
2-Chloronaphthalene
Concen: 58.752 ng
RT: 13.47 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.6	47.4
164	35.0	28.1	42.1

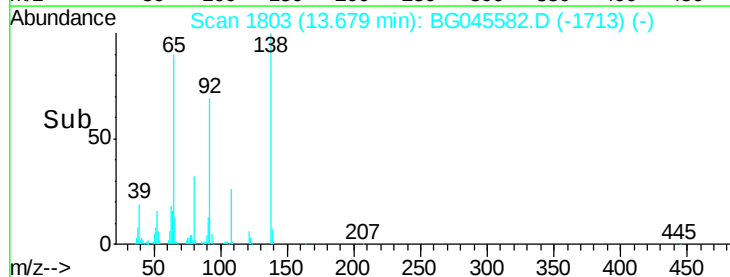
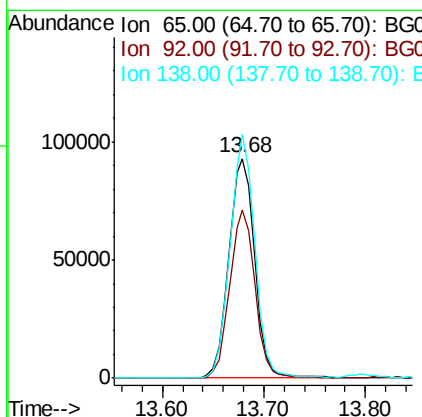
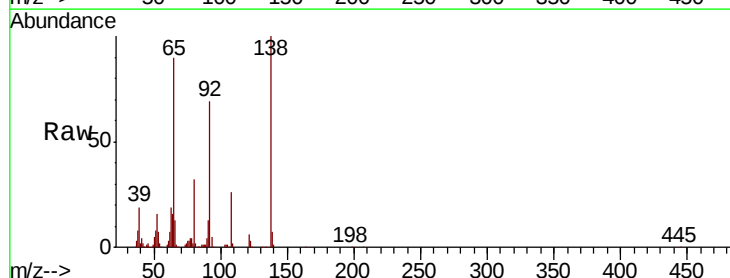
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#48
2-Nitroaniline
Concen: 59.530 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.5	53.8	80.8
138	111.0	77.9	116.9





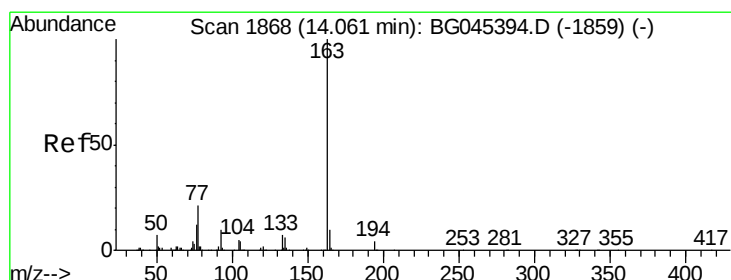
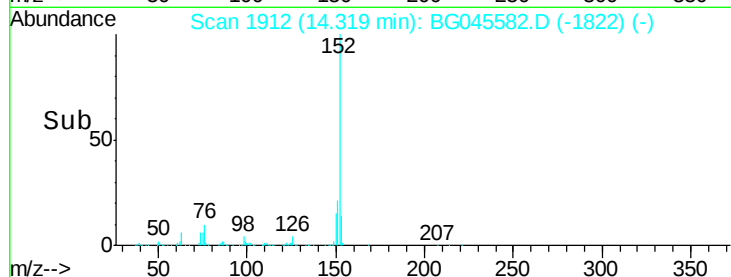
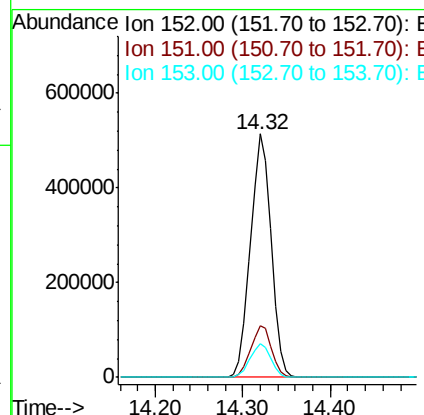
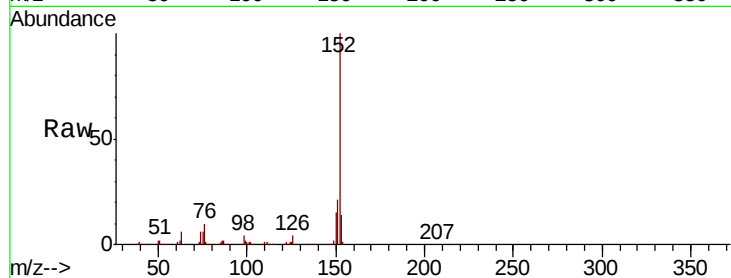
#49
Acenaphthylene
Concen: 60.959 ng
RT: 14.32 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		820354		
151	21.4	17.4	26.2		
153	14.0	10.7	16.1		

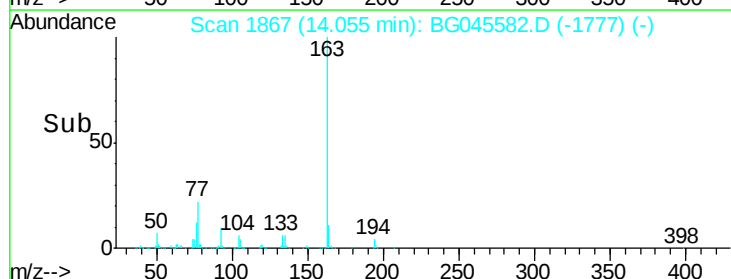
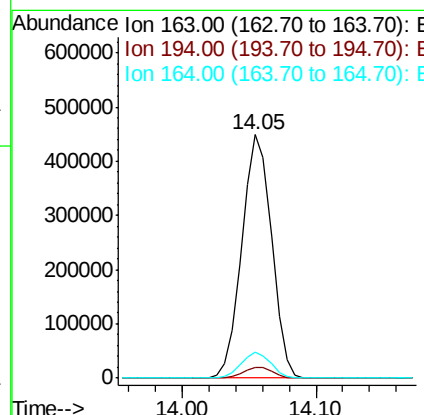
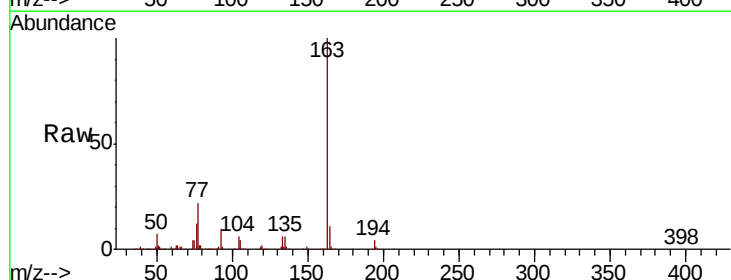
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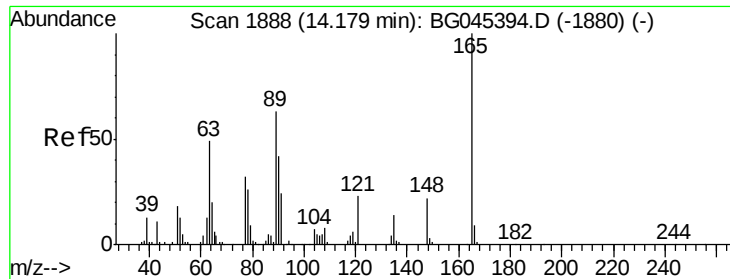
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#50
Dimethylphthalate
Concen: 60.175 ng
RT: 14.05 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		693147		
194	4.2	3.2	4.8		
164	10.7	8.3	12.5		





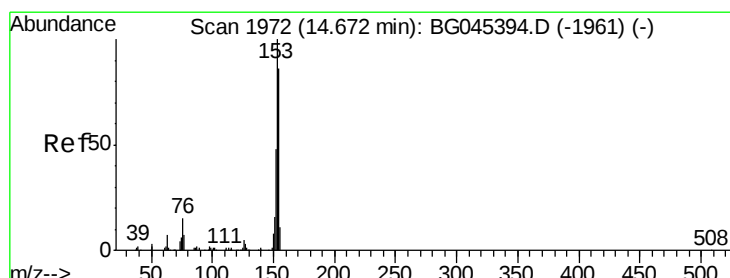
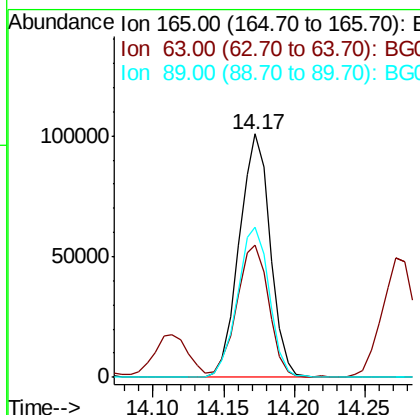
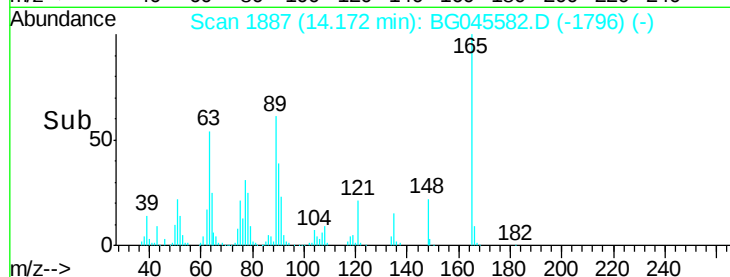
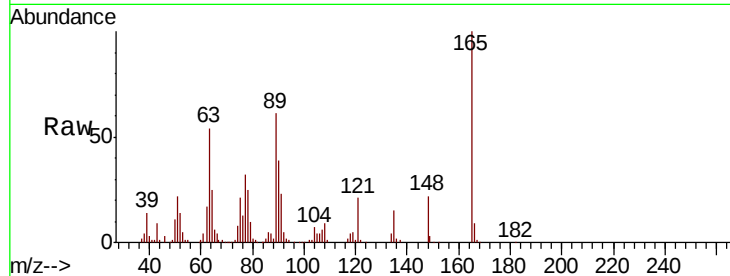
#51
 2,6-Dinitrotoluene
 Concen: 59.483 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB129255BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	154608		
63	54.2	45.0	67.4	
89	61.5	50.2	75.4	

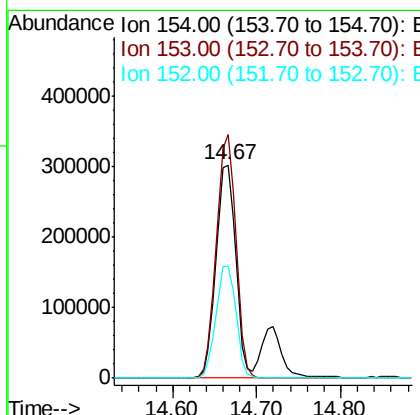
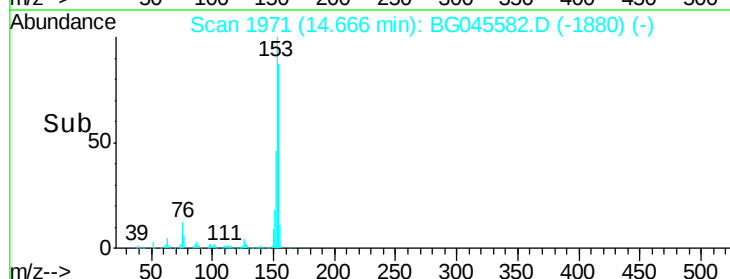
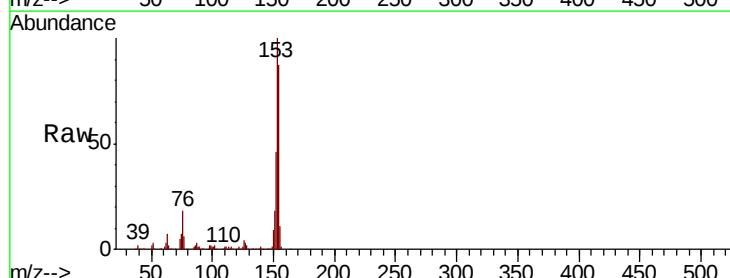
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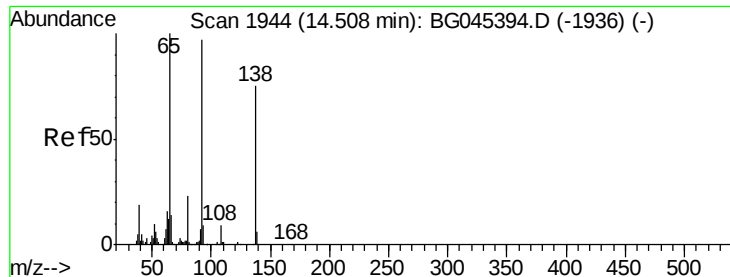
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#52
 Acenaphthene
 Concen: 68.008 ng m
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	612631		
153	114.3	92.8	139.2	
152	52.6	44.6	66.8	





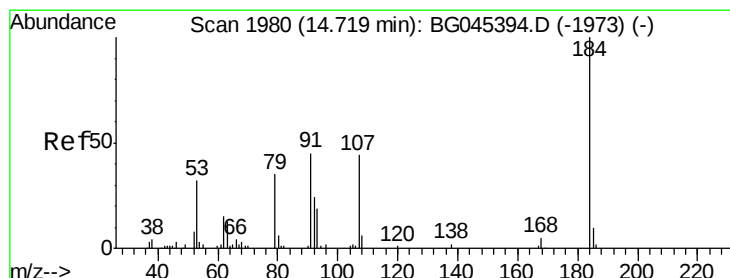
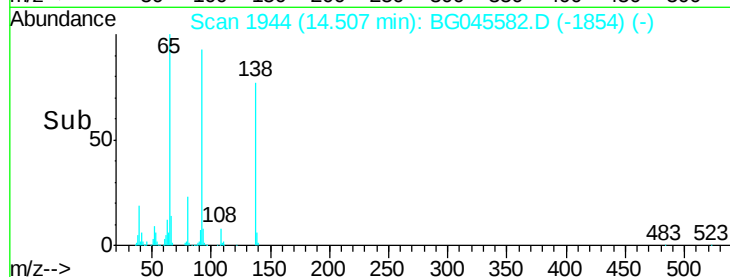
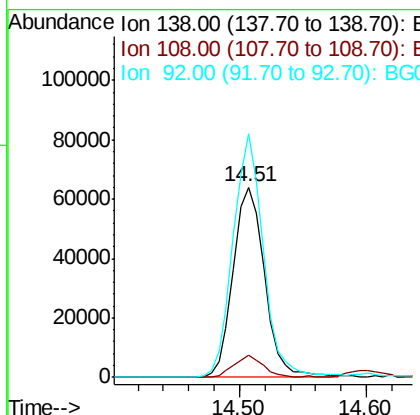
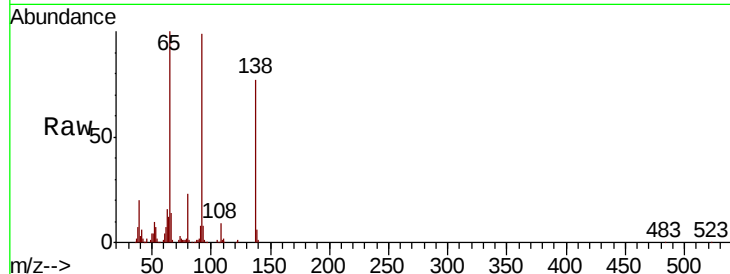
#53
3-Nitroaniline
Concen: 41.568 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.8	14.6
92	128.0	103.0	154.4

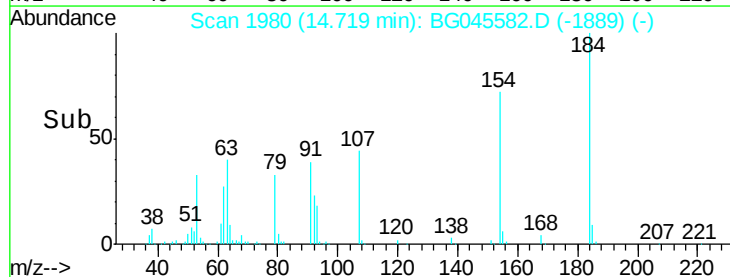
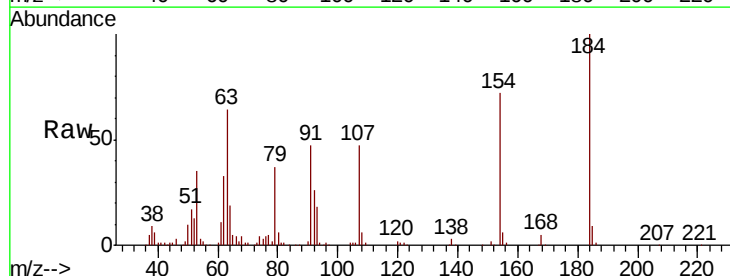
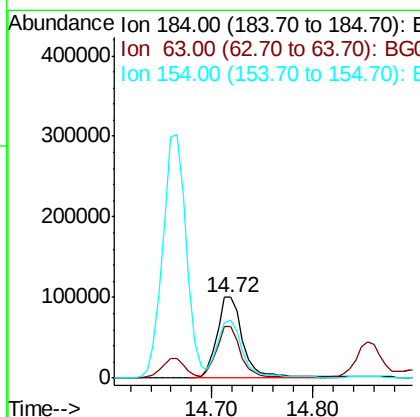
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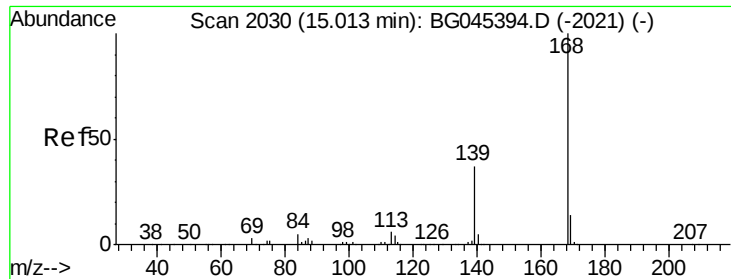
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#54
2,4-Dinitrophenol
Concen: 104.670 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.7	47.8	71.6
154	72.3	58.3	87.5





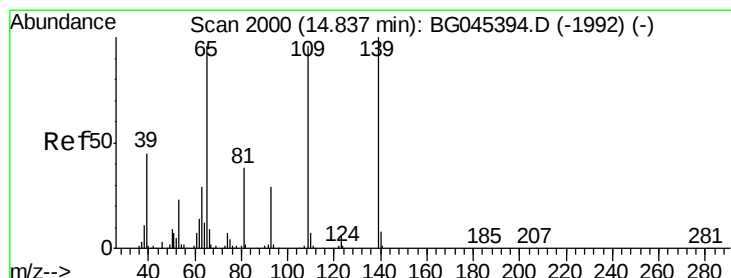
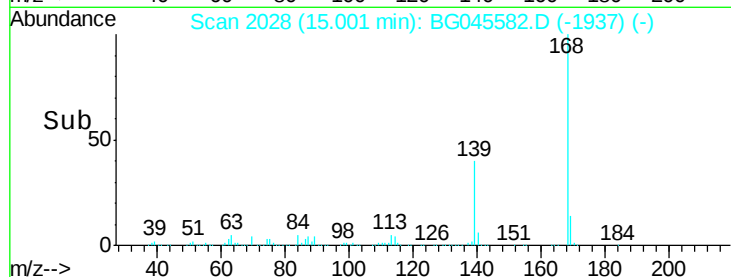
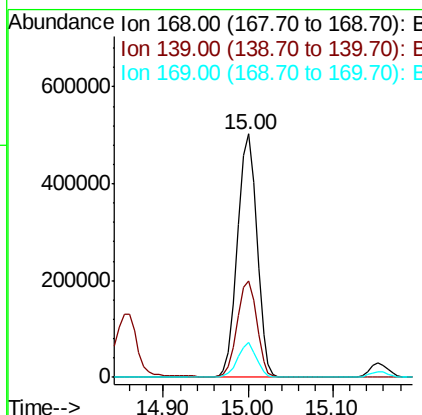
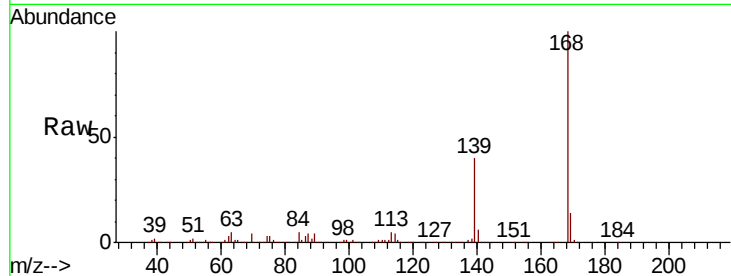
#55
Dibenzofuran
Concen: 59.411 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	29.9	44.9
169	14.2	10.9	16.3

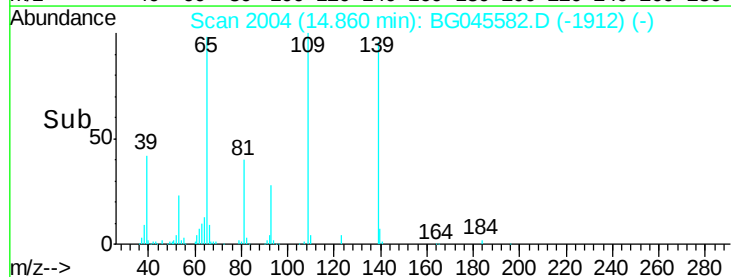
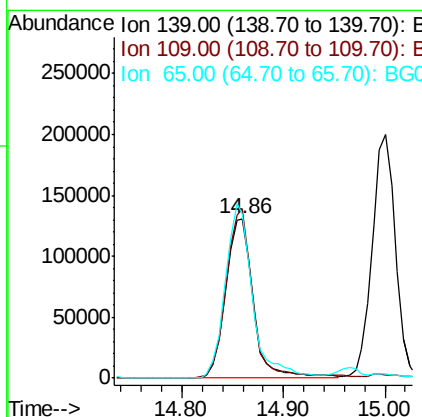
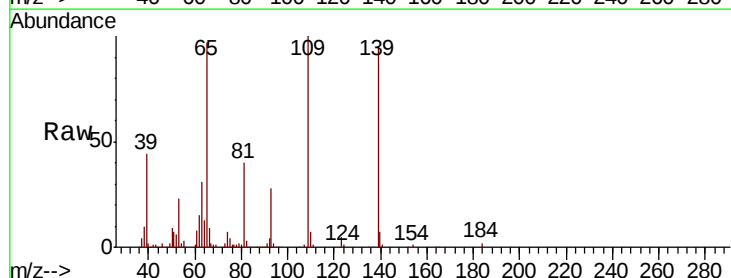
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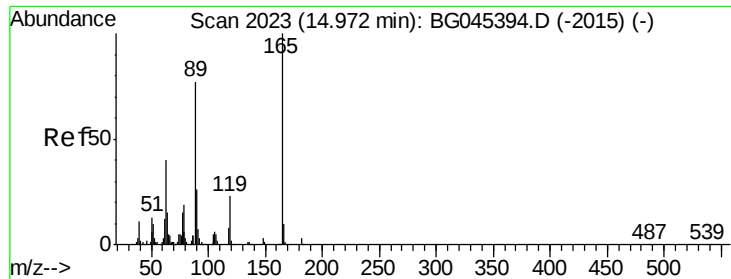
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#56
4-Nitrophenol
Concen: 123.541 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.8	75.6	115.6
65	102.4	76.8	116.8





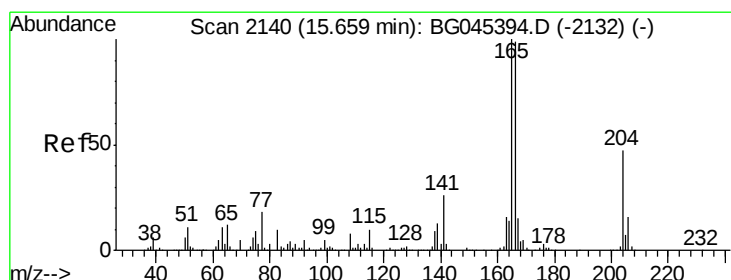
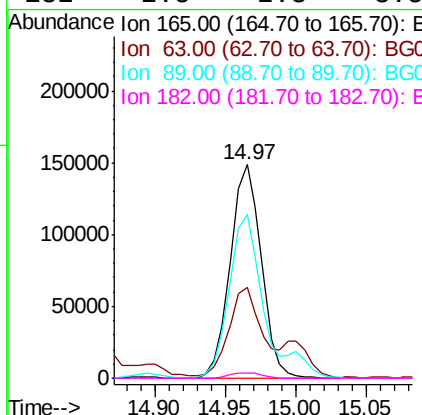
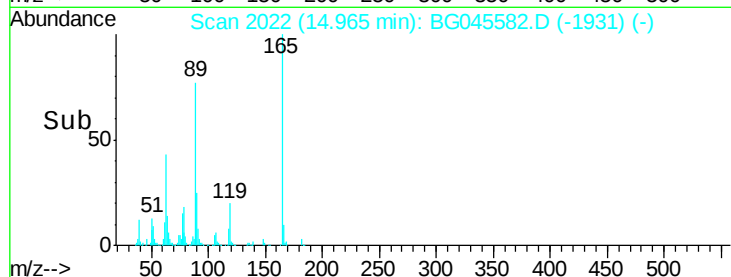
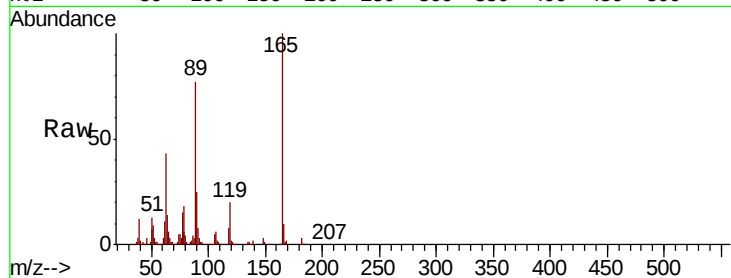
#57
2,4-Dinitrotoluene
Concen: 60.605 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		228138		
63	42.8	32.5	48.7		
89	76.7	61.8	92.6		
182	2.5	2.3	3.5		

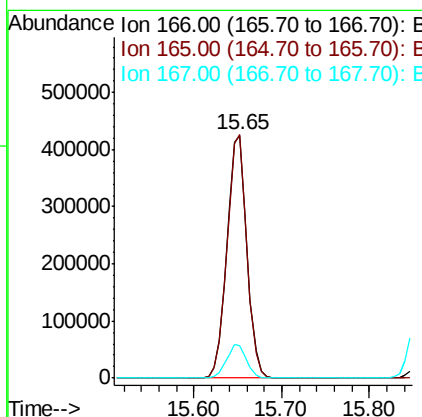
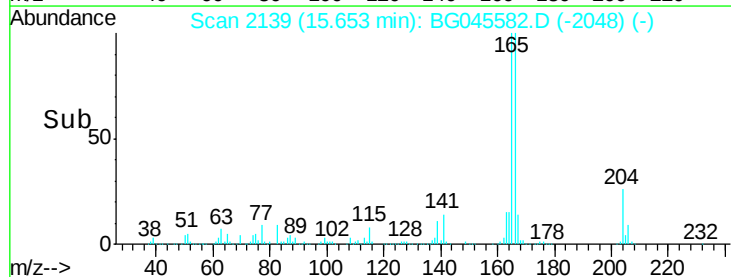
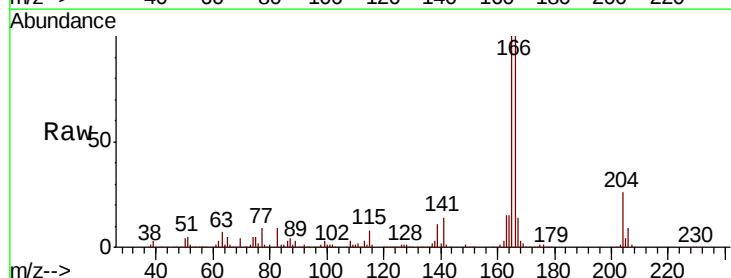
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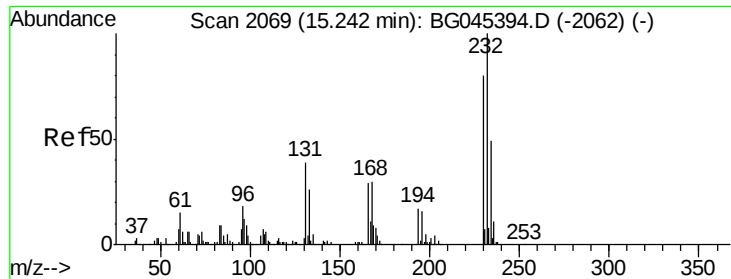
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#58
Fluorene
Concen: 60.380 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		663582		
165	100.4	80.8	121.2		
167	13.6	12.0	18.0		





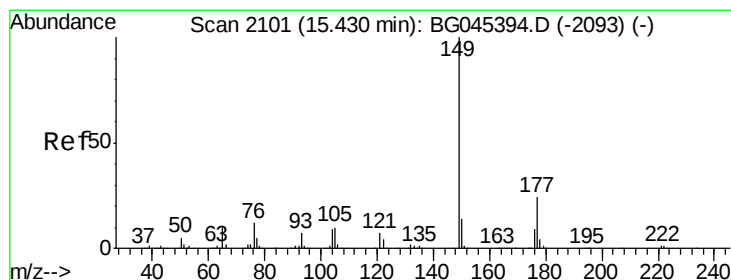
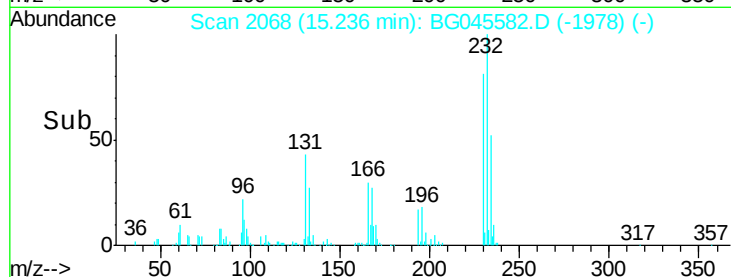
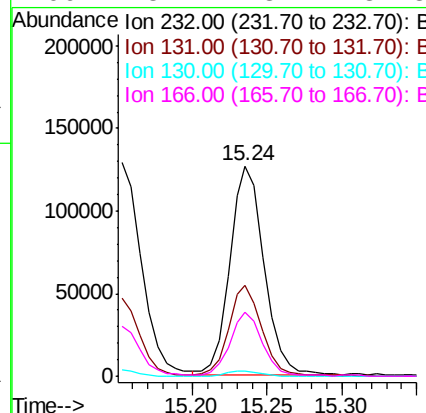
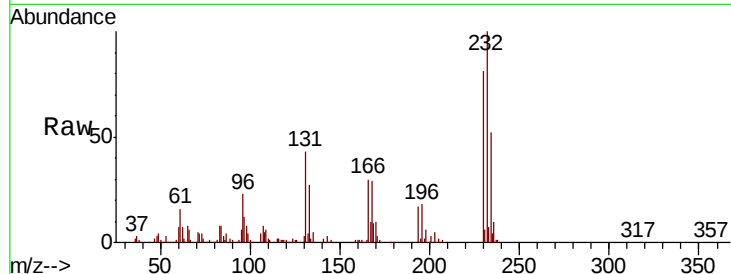
#59
2,3,4,6-Tetrachlorophenol
Concen: 61.822 ng
RT: 15.24 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	202497		
131	41.6		33.7	50.5
130	2.7		2.1	3.1
166	28.7		23.2	34.8

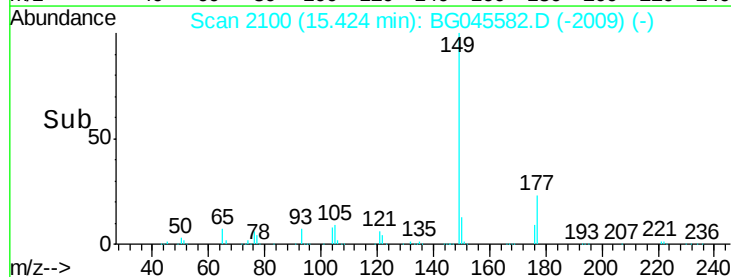
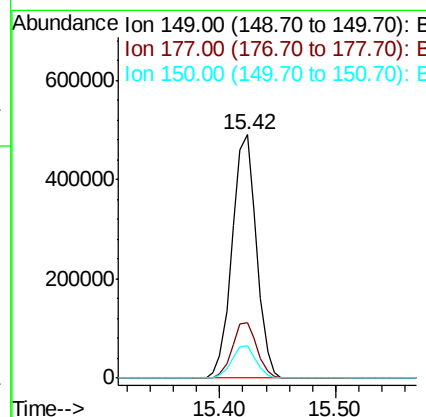
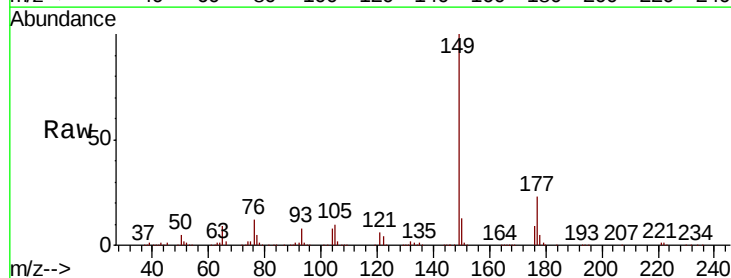
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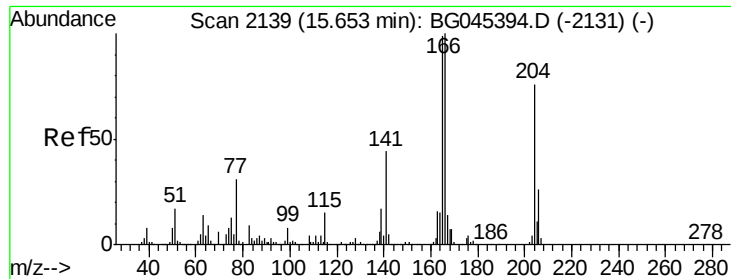
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#60
Diethylphthalate
Concen: 59.403 ng
RT: 15.42 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	712191		
177	22.8		19.0	28.4
150	13.3		11.4	17.0





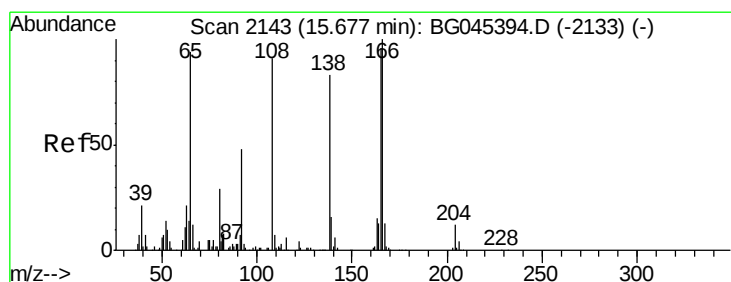
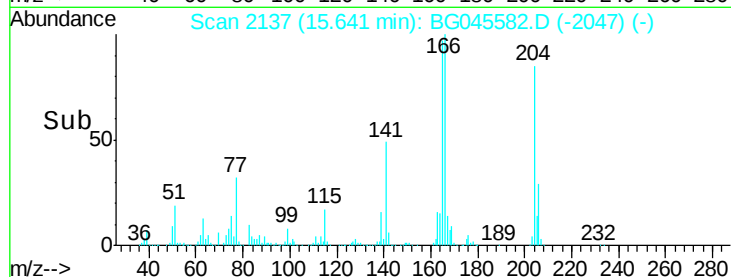
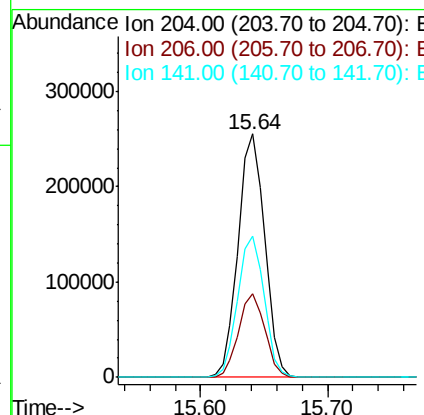
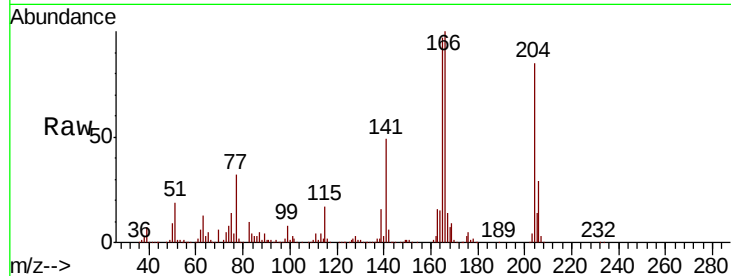
#61
4-Chlorophenyl-phenylether
Concen: 58.862 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.1	27.3	40.9	
141	57.8	45.9	68.9	

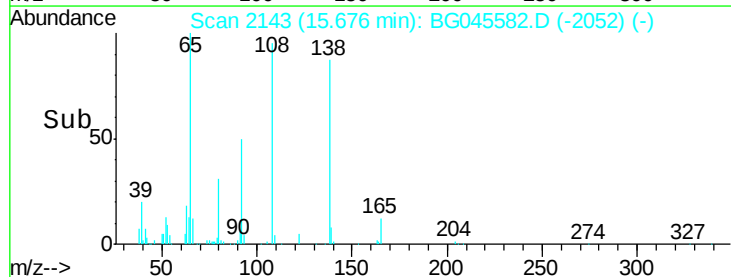
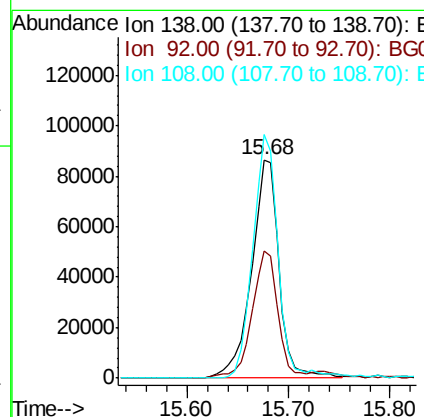
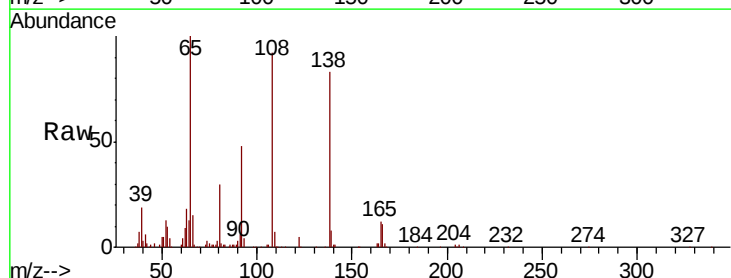
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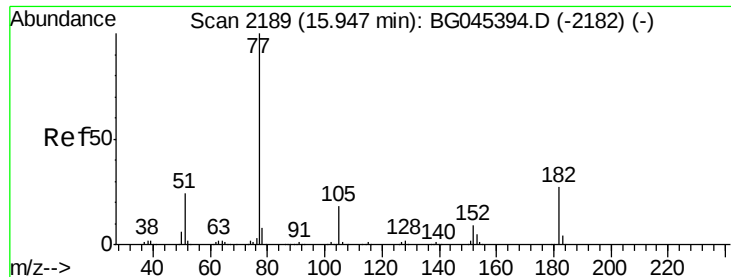
mohammad
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#62
4-Nitroaniline
Concen: 58.681 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	58.2	38.0	78.0	
108	111.5	89.3	129.3	





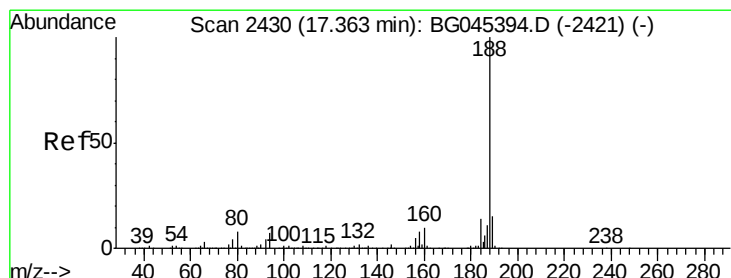
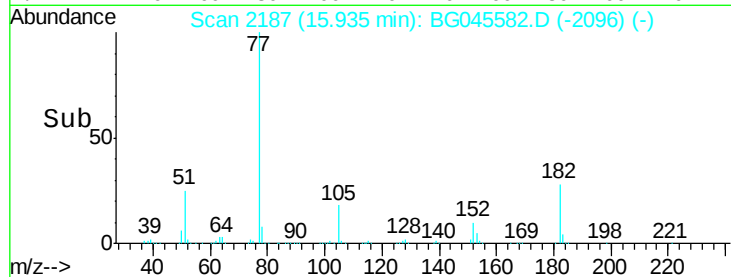
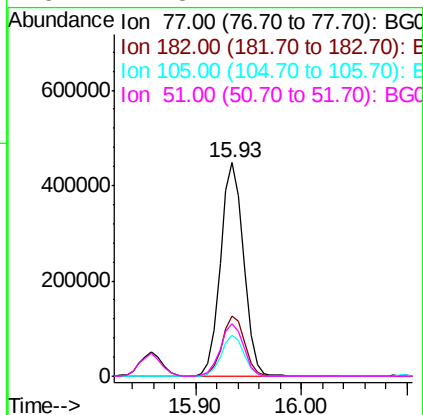
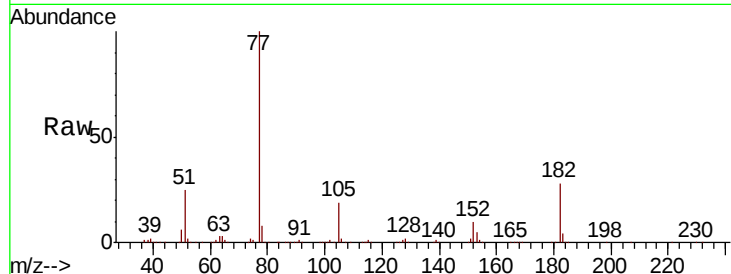
#63
Azobenzene
Concen: 60.764 ng
RT: 15.93 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.1	6.5	46.5	
105	19.1	0.0	37.9	
51	24.8	4.1	44.1	

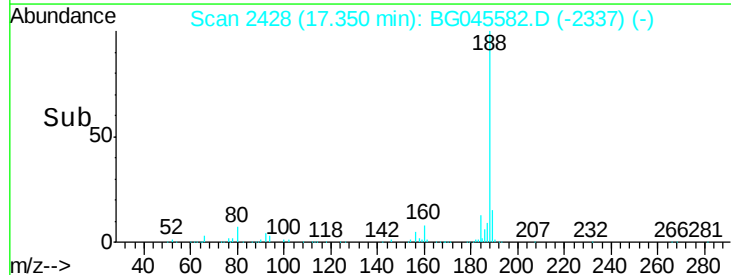
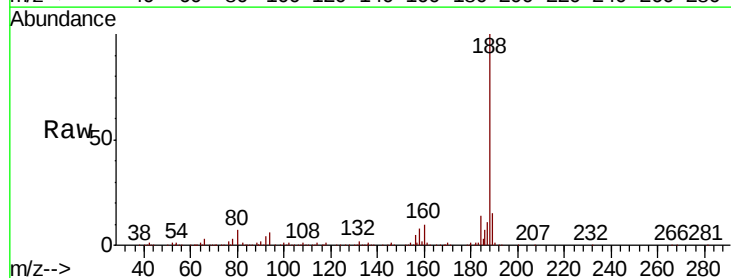
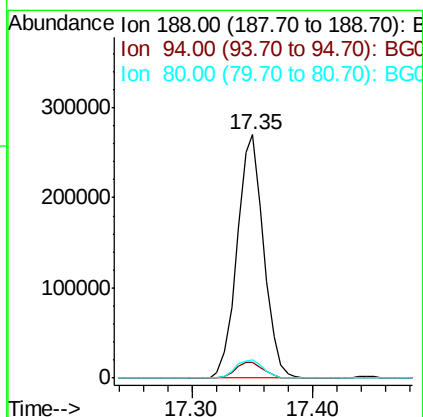
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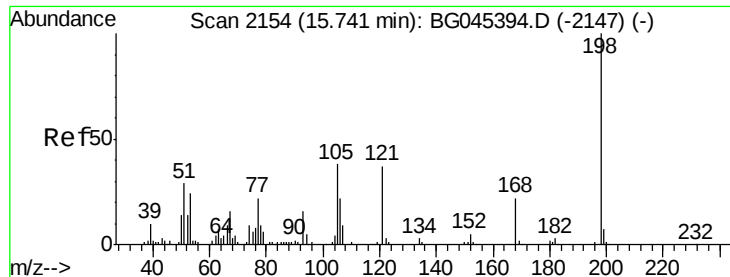
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.4	5.5	8.3	
80	7.4	6.6	10.0	





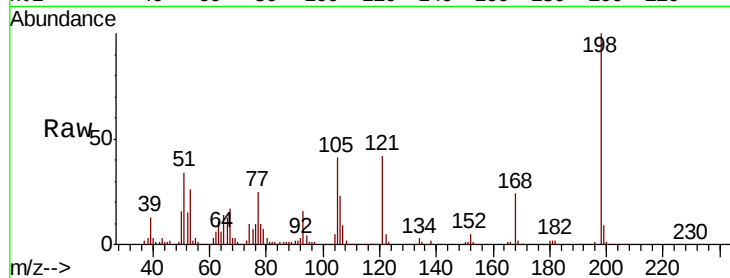
#65
4,6-Dinitro-2-methylphenol
Concen: 61.219 ng
RT: 15.73 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

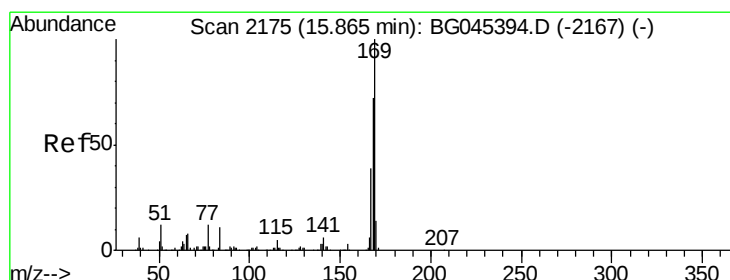
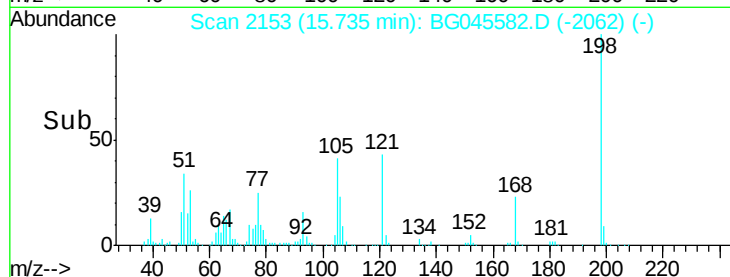
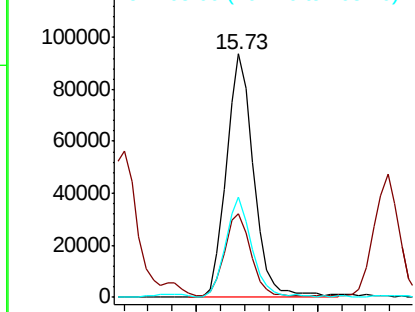
Tot Ion	Ratio	Resp	Lower	Upper
198	100	147485		
51	34.5	10.0	50.0	
105	41.2	18.9	58.9	

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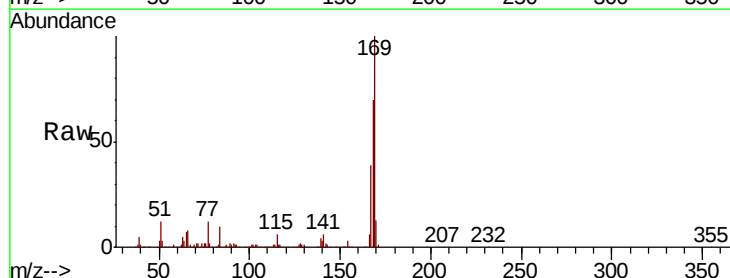


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

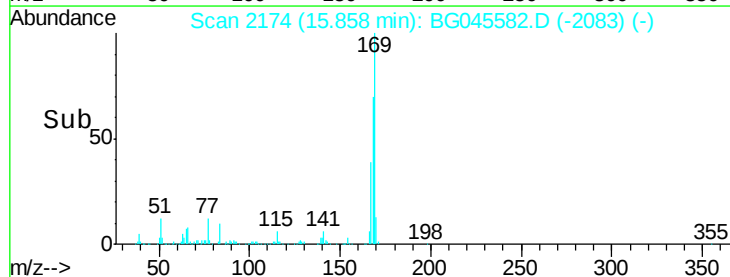
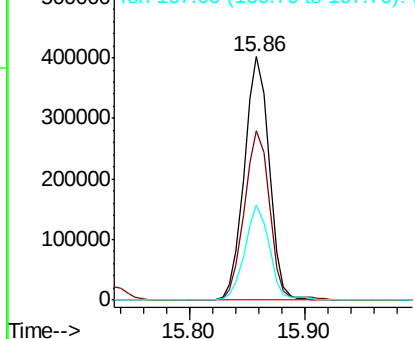


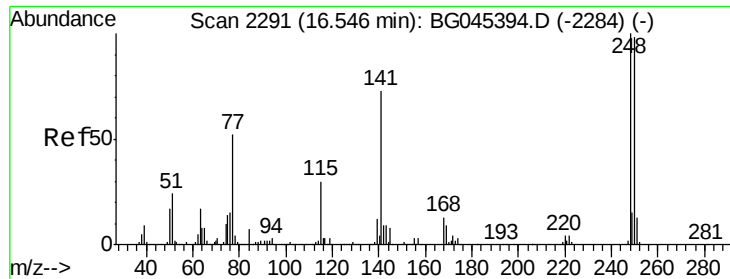
#66
n-Nitrosodiphenylamine
Concen: 60.468 ng
RT: 15.86 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	600563		
168	69.7	57.8	86.6	
167	38.9	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





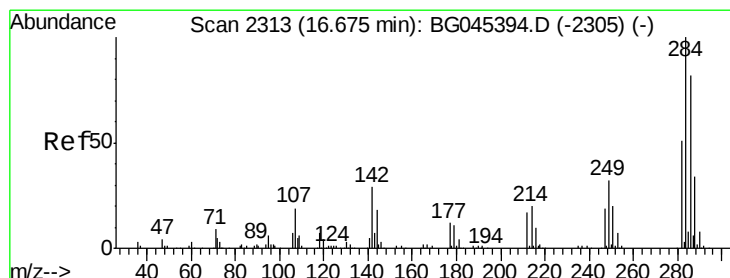
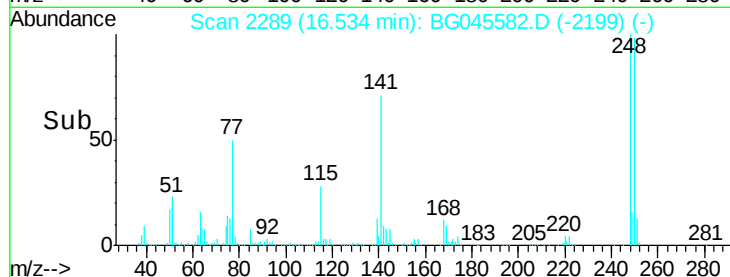
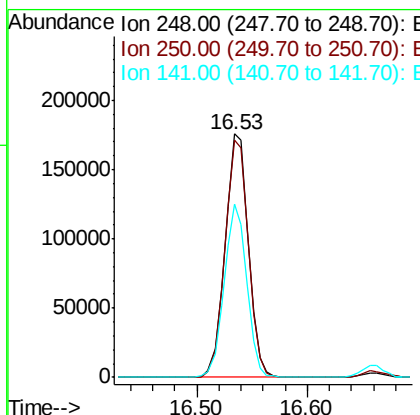
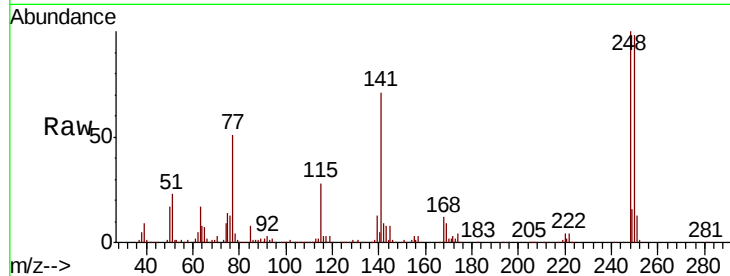
#67
 4-Bromophenyl-phenylether
 Concen: 57.915 ng
 RT: 16.53 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB129255BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.6	117.8
141	71.3	58.2	87.2

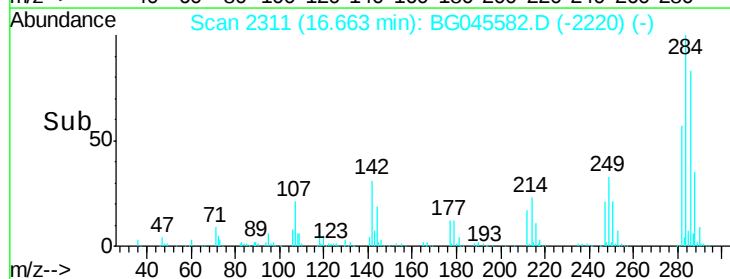
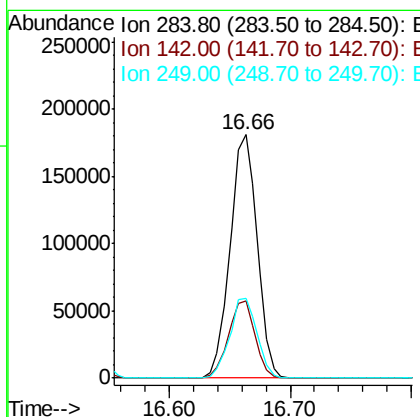
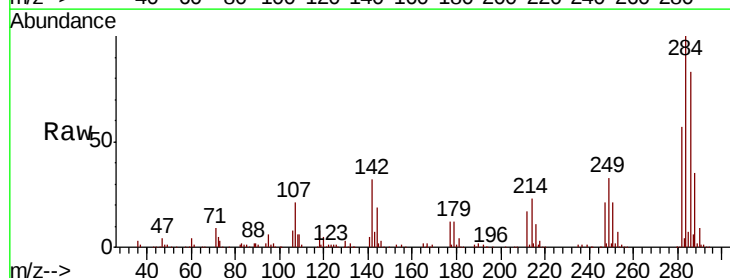
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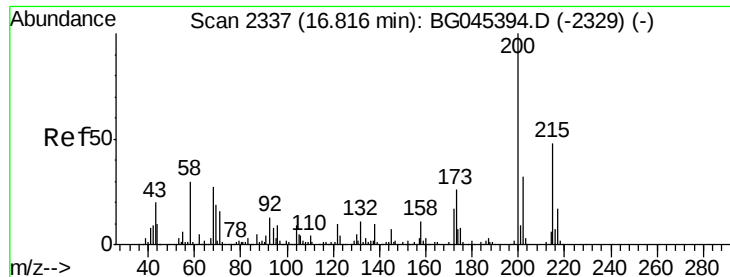
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#68
 Hexachlorobenzene
 Concen: 60.211 ng
 RT: 16.66 min Scan# 2311
 Delta R.T. 0.01 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	23.0	34.6
249	32.9	25.8	38.6





#69

Atrazine

Concen: 59.267 ng

RT: 16.81 min Scan# 2336

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

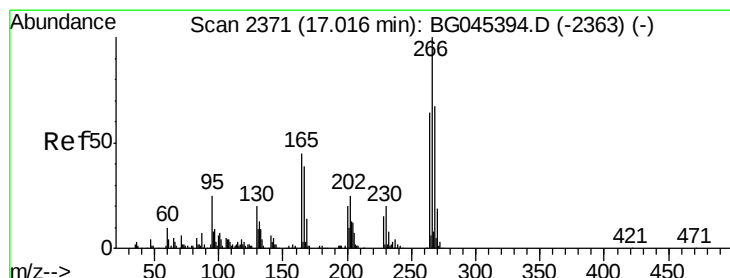
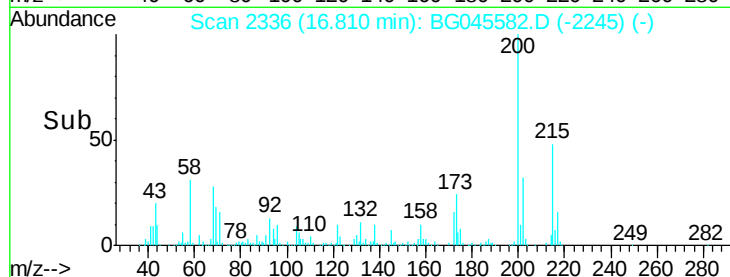
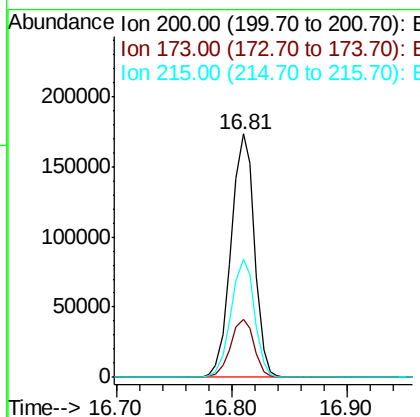
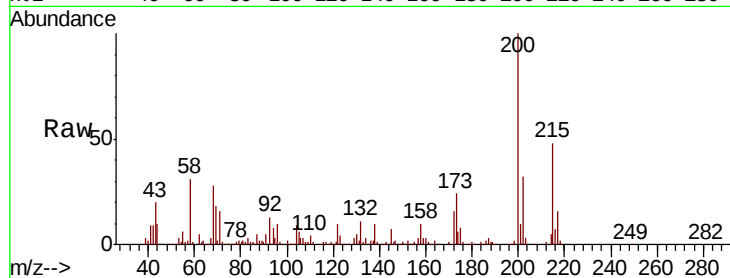
ClientSampleId :

PB129255BS

Tot Ion:	200	Resp:	242452
Ion Ratio	Lower	Upper	
200	100		
173	24.0	5.5	45.5
215	48.3	28.2	68.2

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#70

Pentachlorophenol

Concen: 125.912 ng

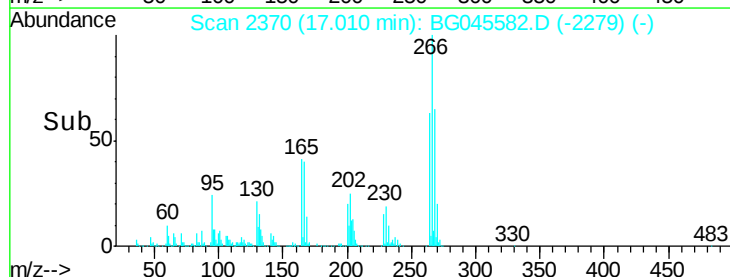
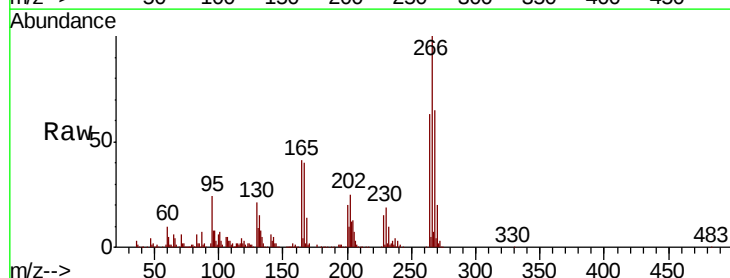
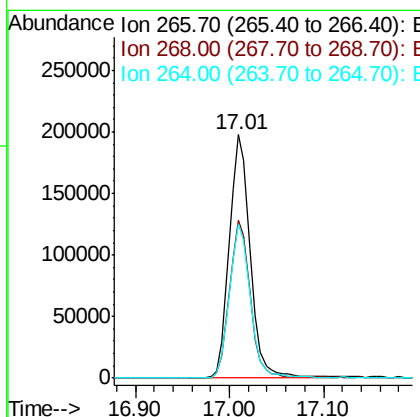
RT: 17.01 min Scan# 2370

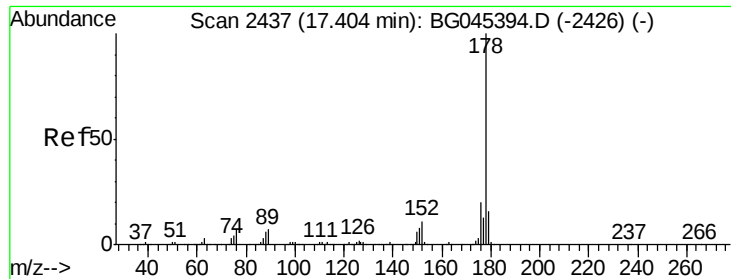
Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Tgt Ion:	266	Resp:	306295
Ion Ratio	Lower	Upper	
266	100		
268	64.9	53.2	79.8
264	63.3	51.0	76.4





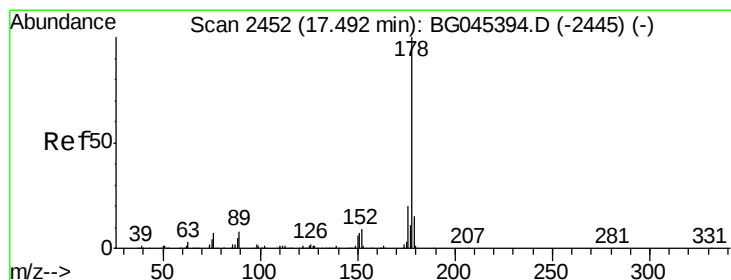
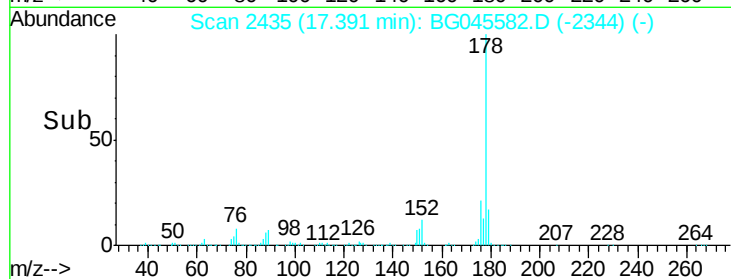
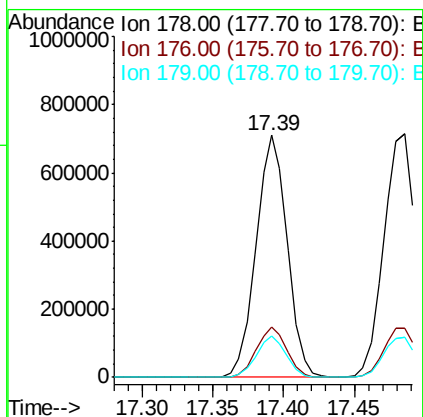
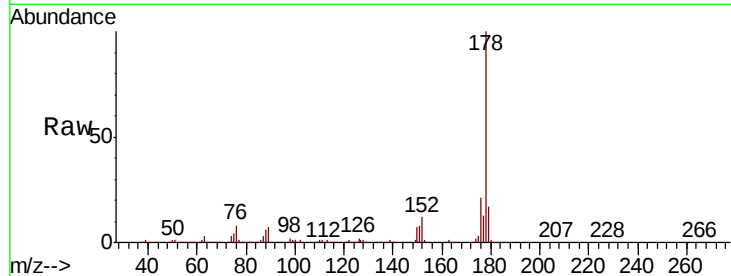
#71
Phenanthrene
Concen: 60.945 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	16.9	13.1	19.7

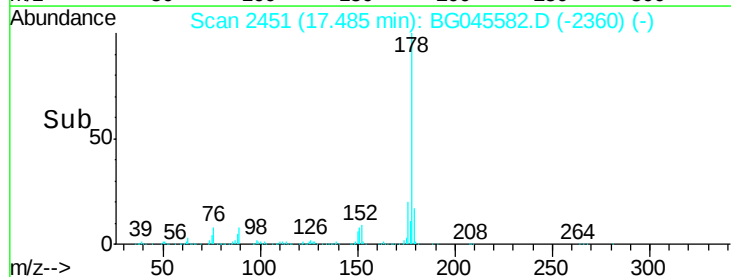
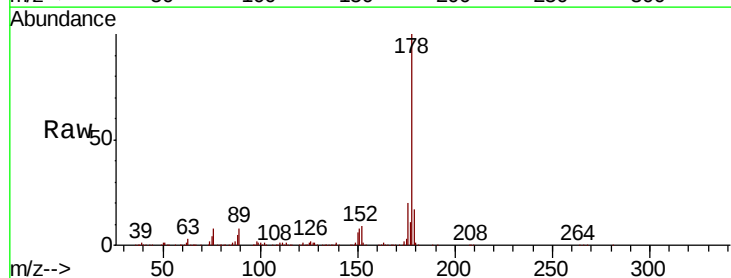
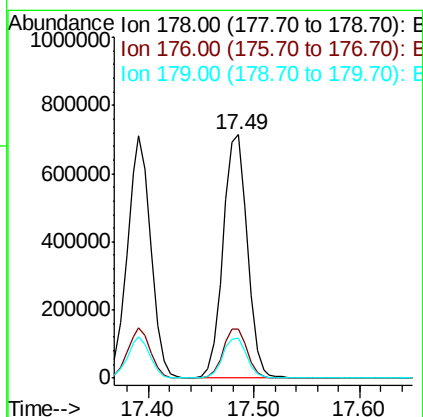
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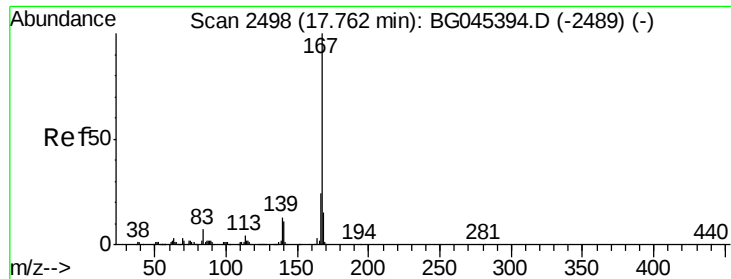
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#72
Anthracene
Concen: 62.475 ng
RT: 17.49 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	16.7	12.2	18.4





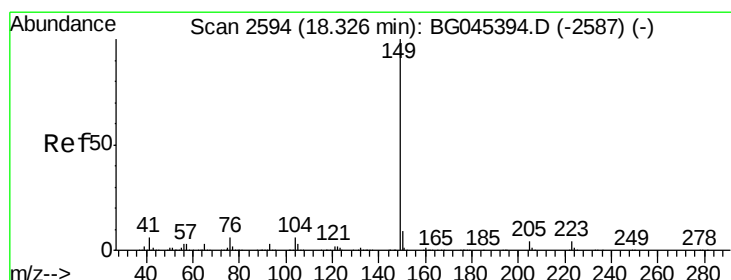
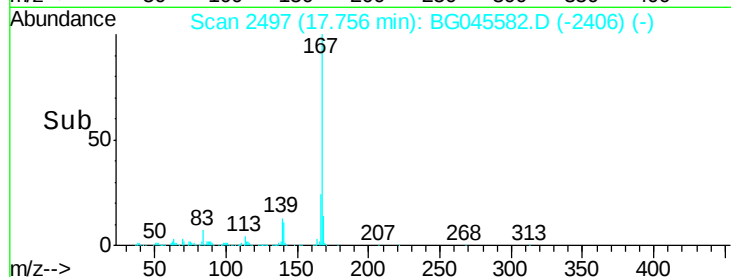
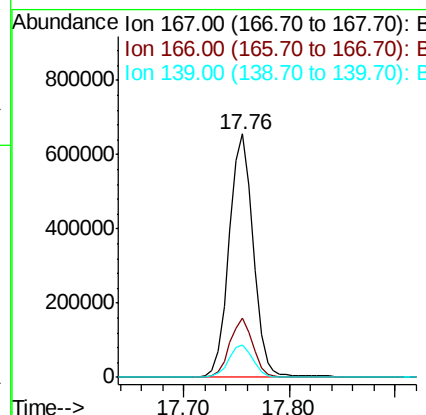
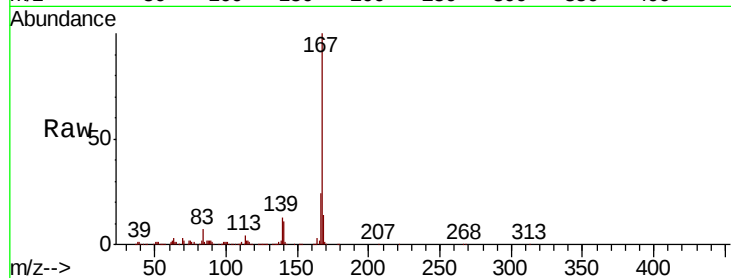
#73
 Carbazole
 Concen: 58.771 ng
 RT: 17.76 min Scan# 2497
 Delta R.T. 0.01 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB129255BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.5	19.2	28.8
139	13.3	10.6	16.0

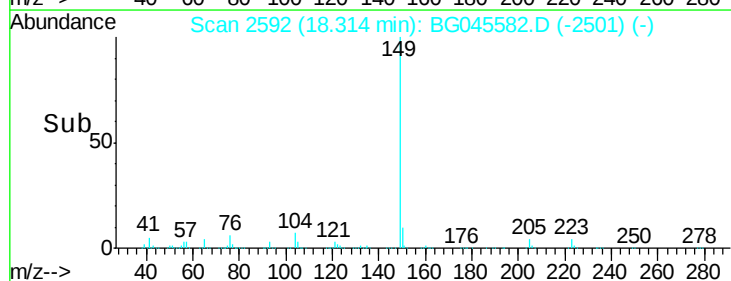
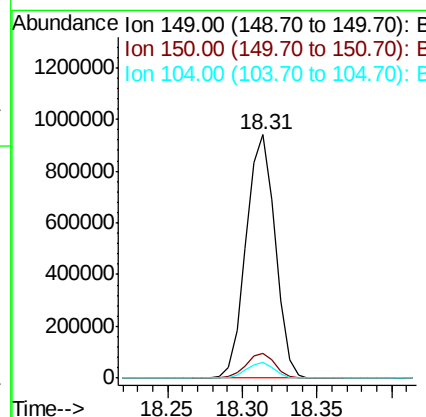
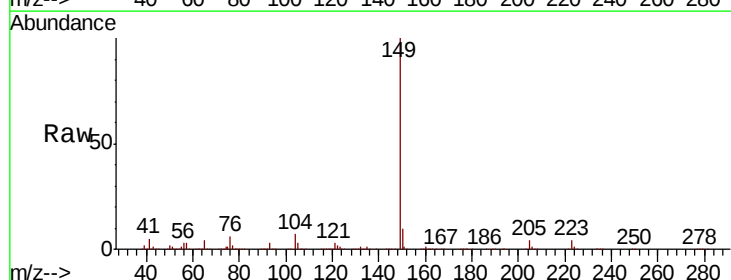
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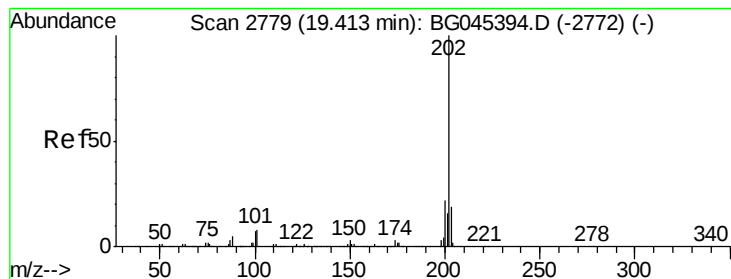
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#74
 Di-n-butylphthalate
 Concen: 59.499 ng
 RT: 18.31 min Scan# 2592
 Delta R.T. 0.01 min
 Lab File: BG045582.D
 Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.6	11.4
104	6.6	5.0	7.4





#75

Fluoranthene

Concen: 60.057 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

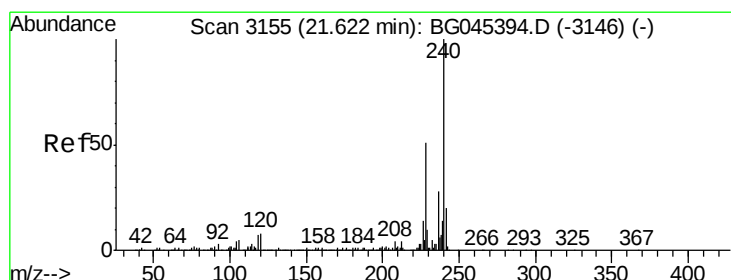
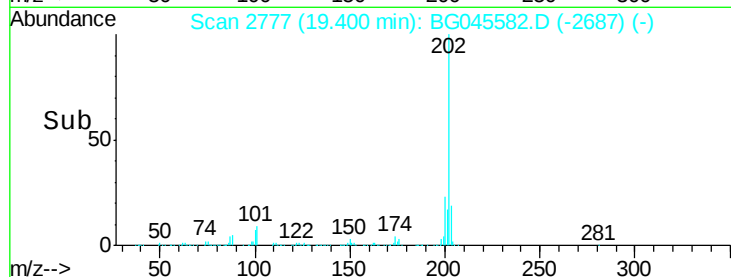
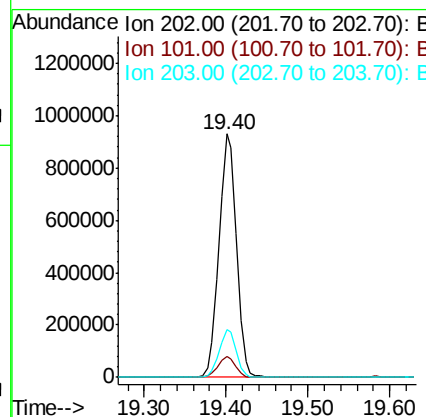
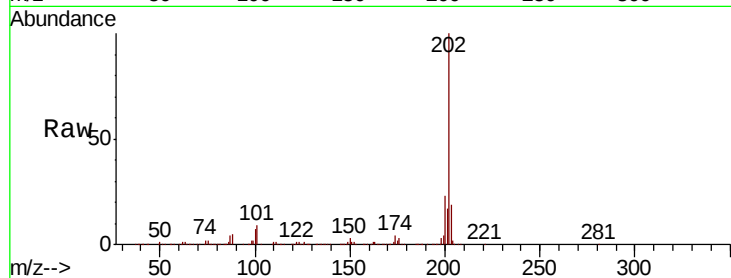
ClientSampleId :

PB129255BS

Tot Ion:	202	Resp:	1379476
Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	28.3
203	19.4	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

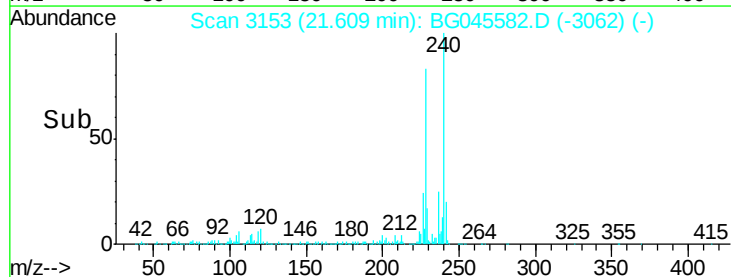
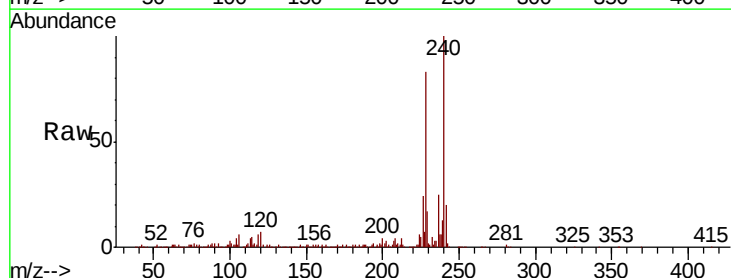
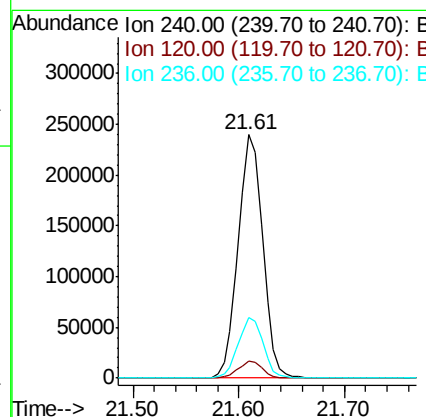
RT: 21.61 min Scan# 3153

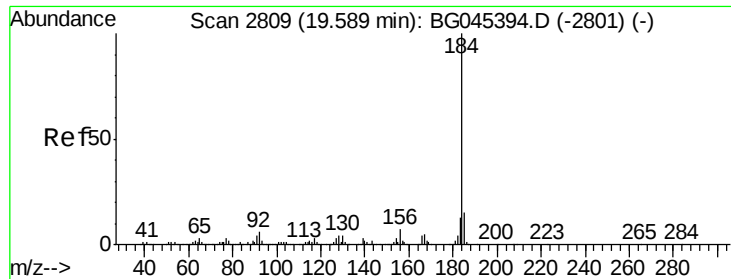
Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Tgt Ion:	240	Resp:	385415
Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.1	9.1
236	25.1	22.3	33.5





#77

Benzidine

Concen: 62.999 ng

RT: 19.58 min Scan# 2808

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

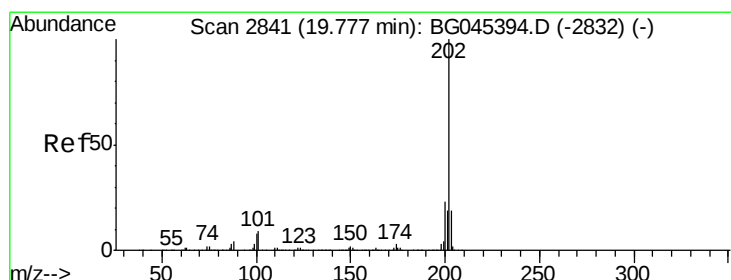
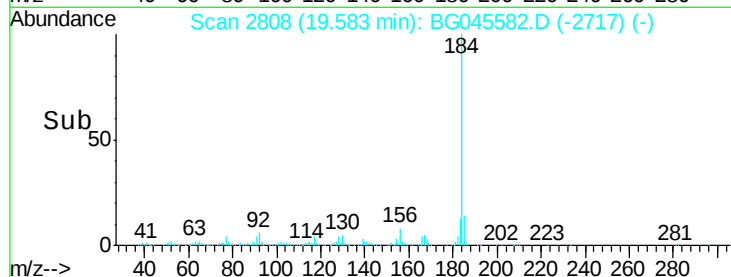
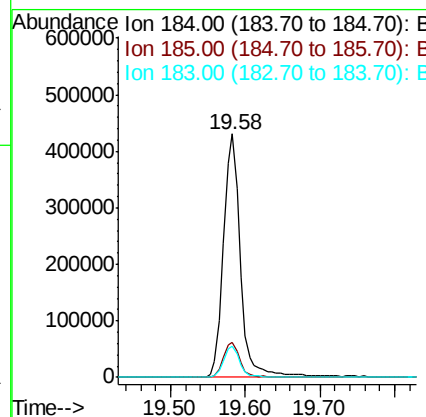
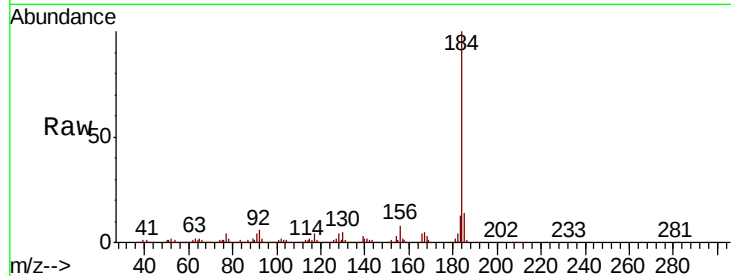
ClientSampleId :

PB129255BS

Tot Ion:	184	Resp:	681933
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.7	17.5
183	12.9	10.2	15.4

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#78

Pyrene

Concen: 61.969 ng

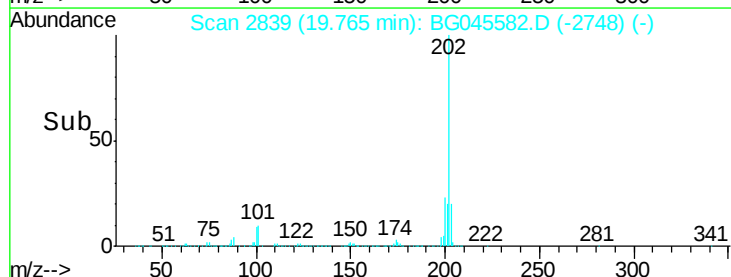
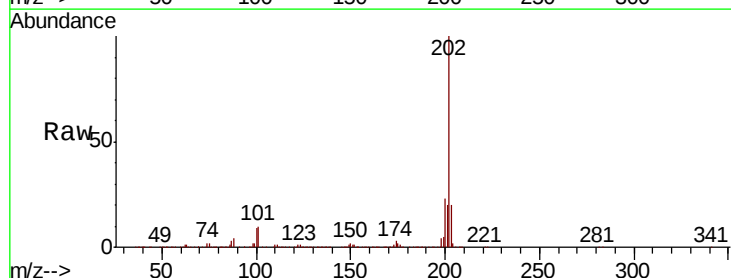
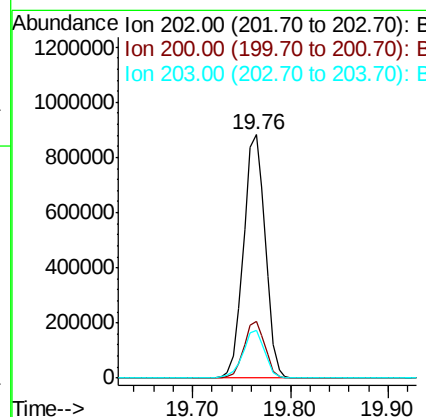
RT: 19.76 min Scan# 2839

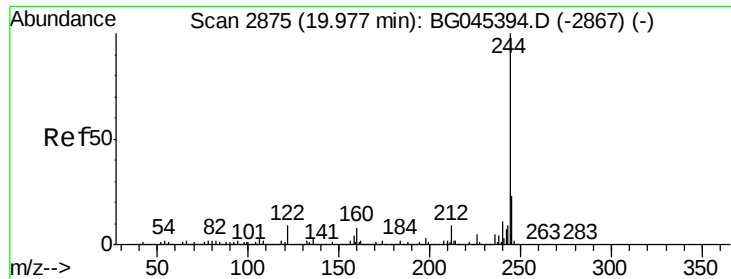
Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Tgt Ion:	202	Resp:	1361480
Ion Ratio	Lower	Upper	
202	100		
200	23.2	18.2	27.2
203	19.8	15.1	22.7





#79

Terphenyl-d14

Concen: 123.965 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB129255BS

Tot Ion:244 Resp: 2048530

Ion Ratio Lower Upper

244 100

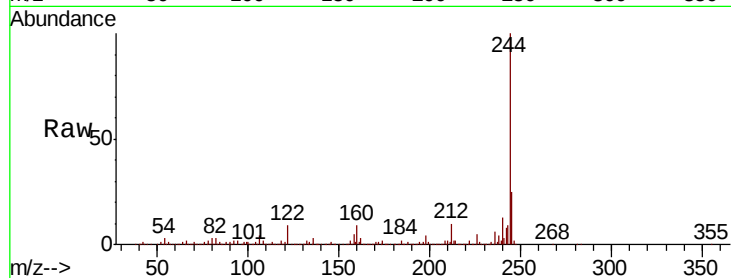
212 10.0 7.4 11.0

122 9.1 6.8 10.2

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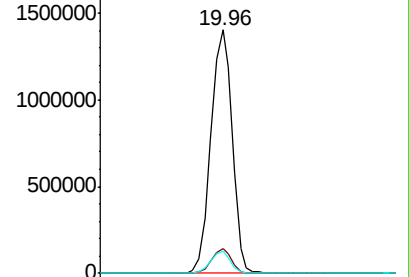
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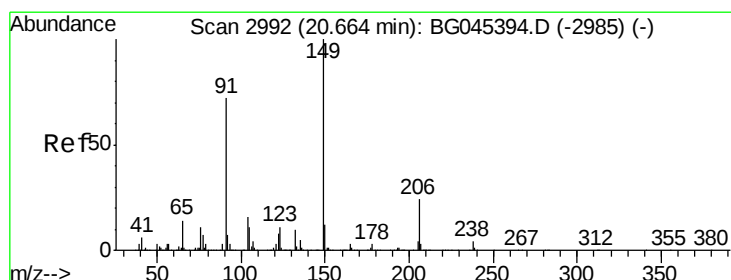
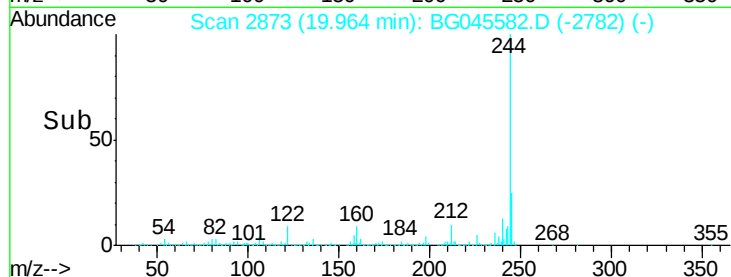
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 59.826 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

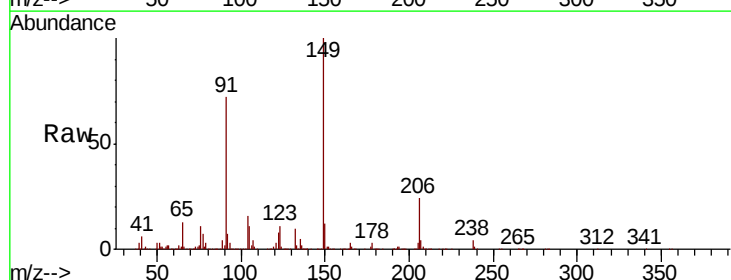
Tgt Ion:149 Resp: 567337

Ion Ratio Lower Upper

149 100

91 72.3 57.8 86.6

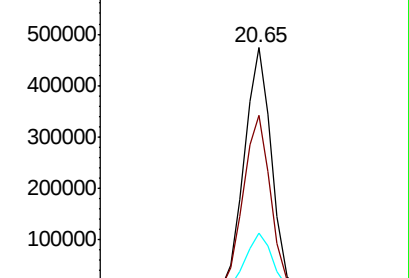
206 23.6 19.1 28.7



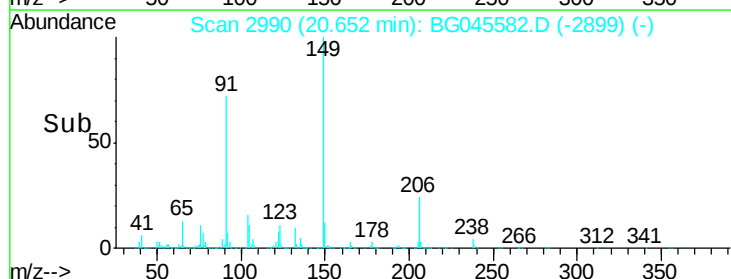
Abundance Ion 149.00 (148.70 to 149.70): E

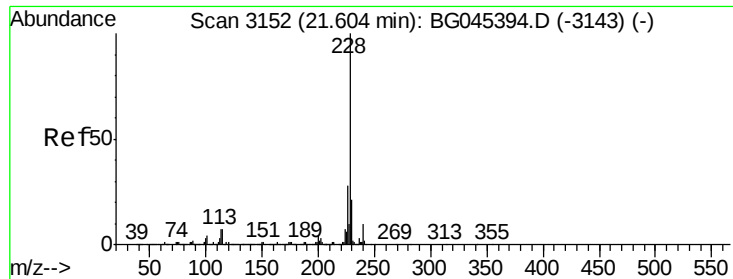
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 60.806 ng

RT: 21.59 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB129255BS

Tot Ion:228 Resp: 1305513

Ion Ratio Lower Upper

228 100

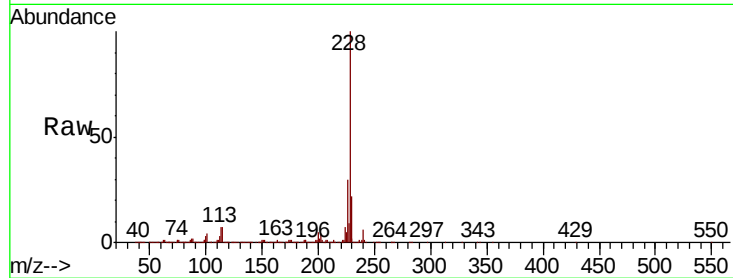
226 29.6 22.7 34.1

229 21.8 16.7 25.1

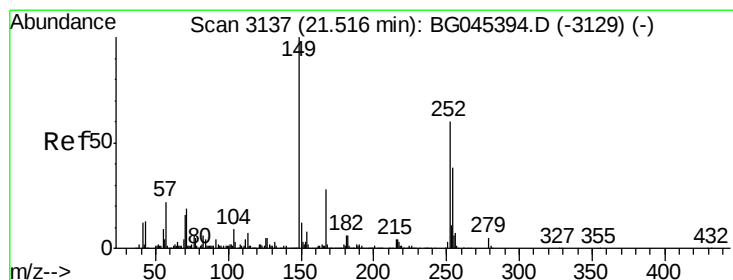
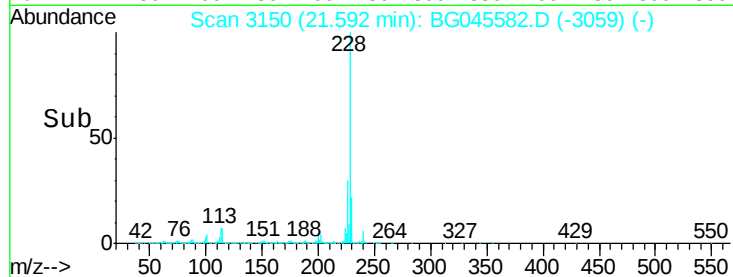
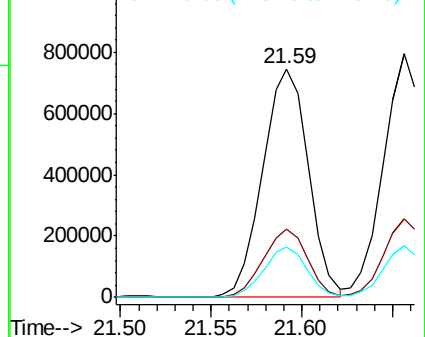
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 46.092 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

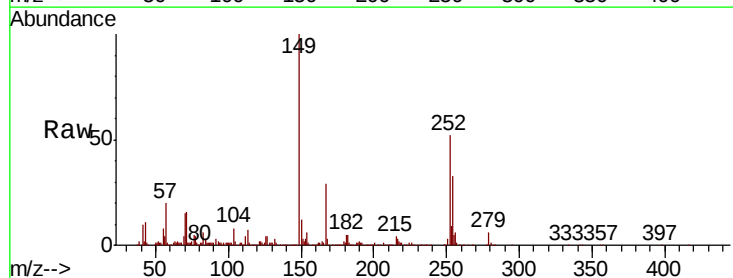
Tgt Ion:252 Resp: 388183

Ion Ratio Lower Upper

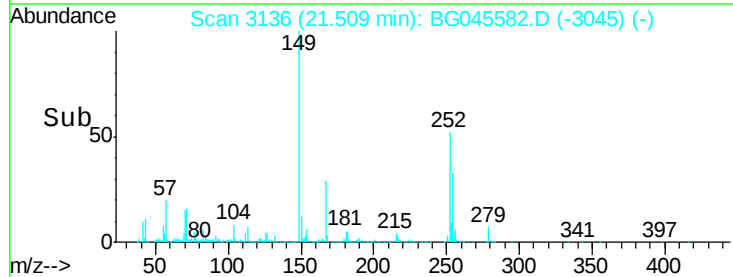
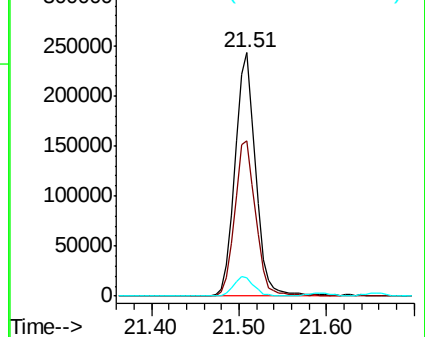
252 100

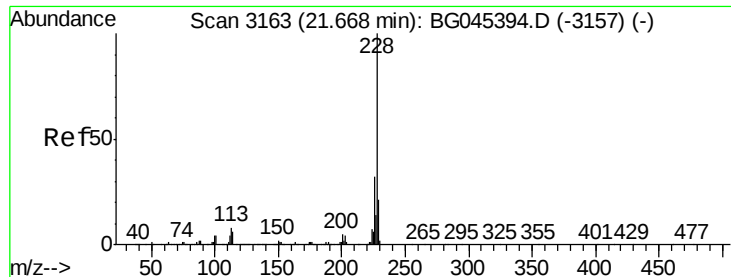
254 63.6 51.3 76.9

126 7.6 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





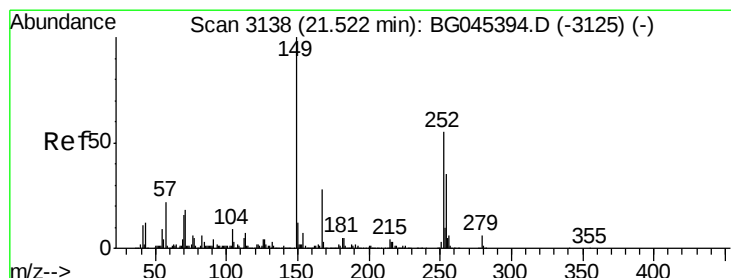
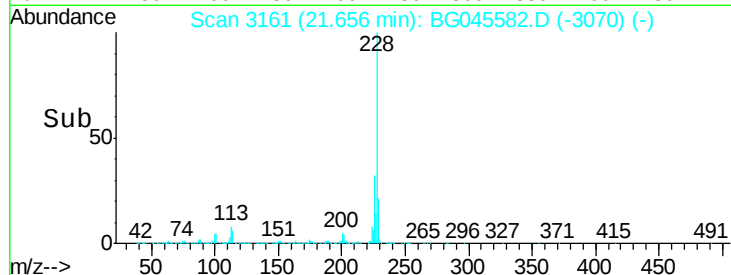
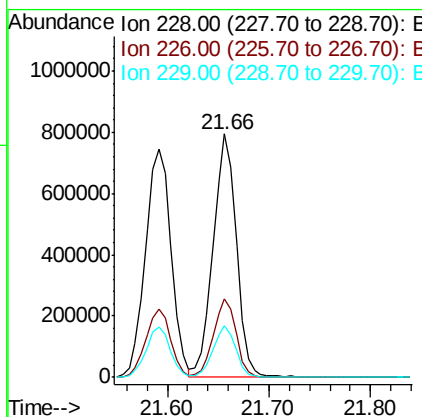
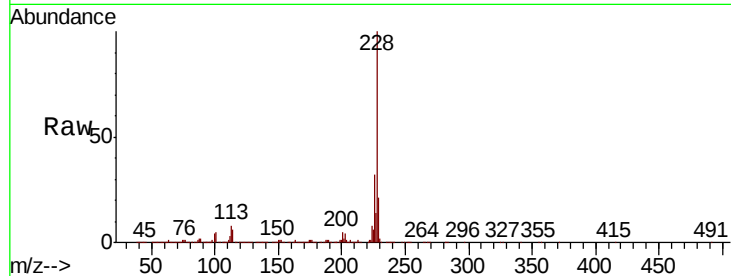
#83
Chrysene
Concen: 61.065 ng
RT: 21.66 min Scan# 3161
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.2	37.8
229	21.3	16.7	25.1

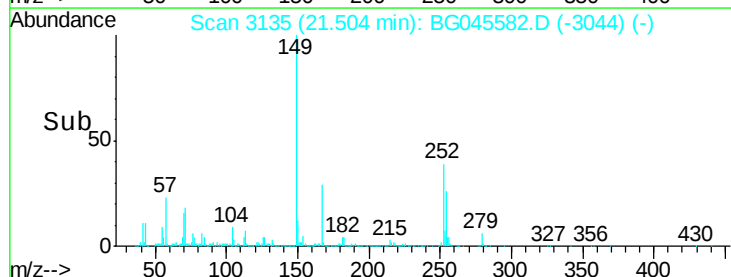
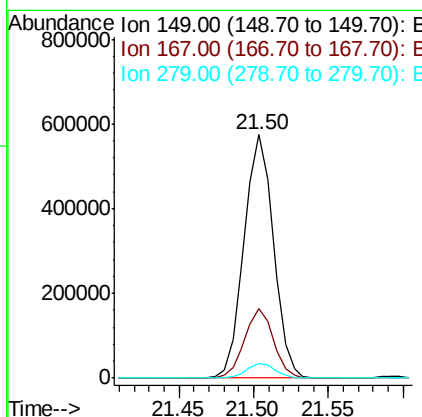
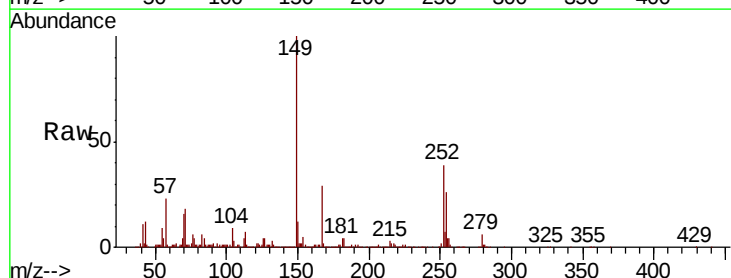
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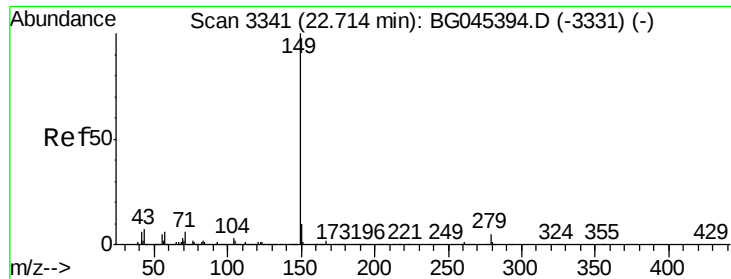
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#84
Bis(2-ethylhexyl)phthalate
Concen: 60.192 ng
RT: 21.50 min Scan# 3135
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.2	33.2
279	5.7	4.7	7.1





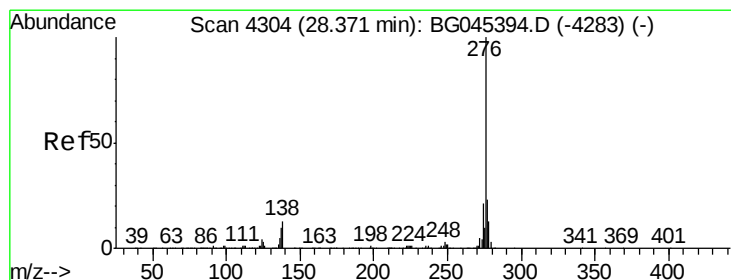
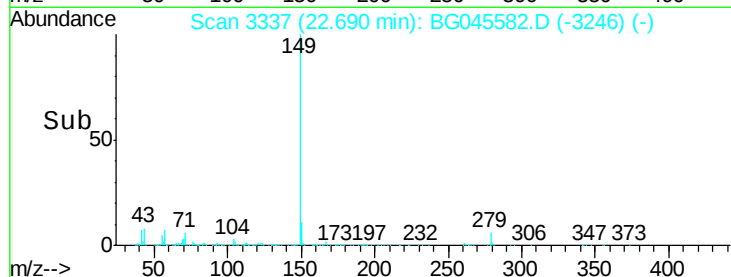
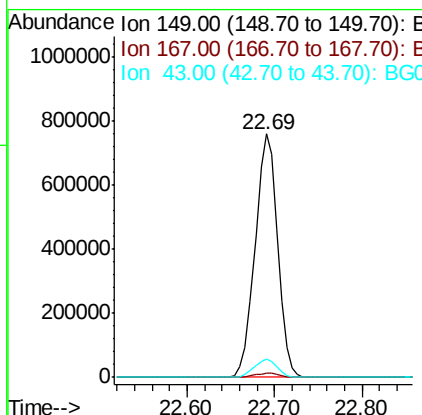
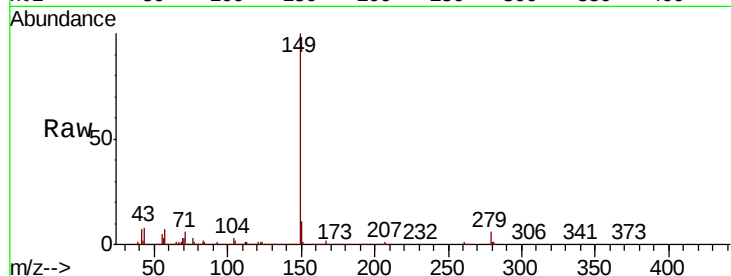
#85
Di-n-octyl phthalate
Concen: 59.237 ng
RT: 22.69 min Scan# 3337
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.4	5.8	8.8

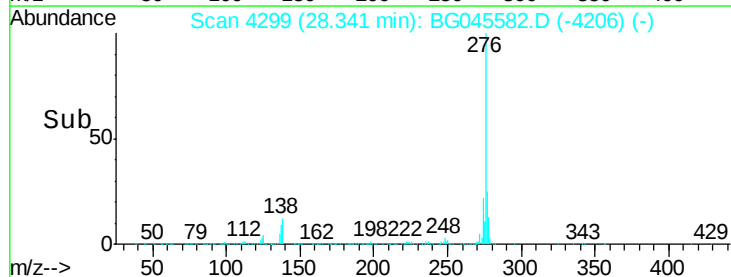
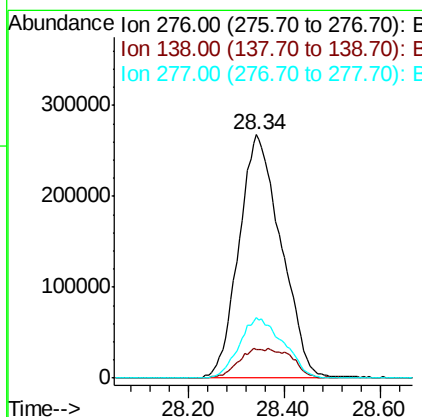
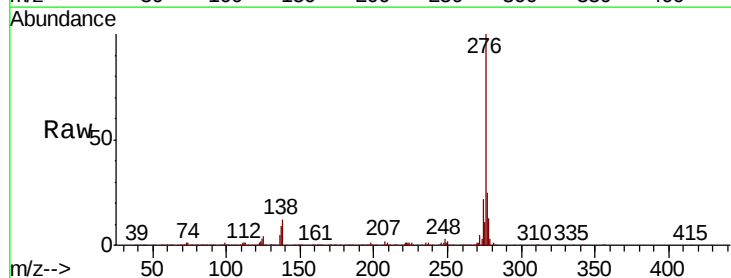
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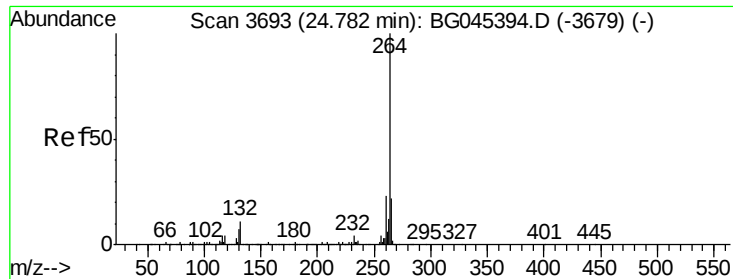
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#86
Indeno(1,2,3-cd)pyrene
Concen: 60.507 ng
RT: 28.34 min Scan# 4299
Delta R.T. 0.02 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.2	8.6	12.8#
277	25.9	20.2	30.4





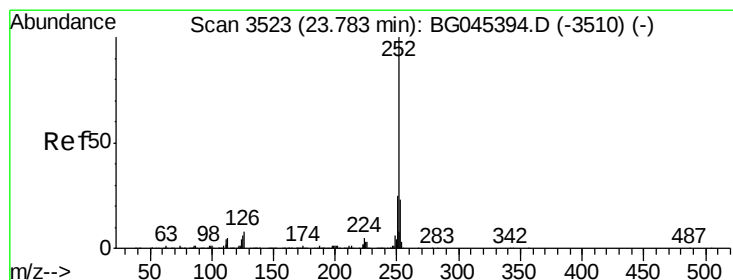
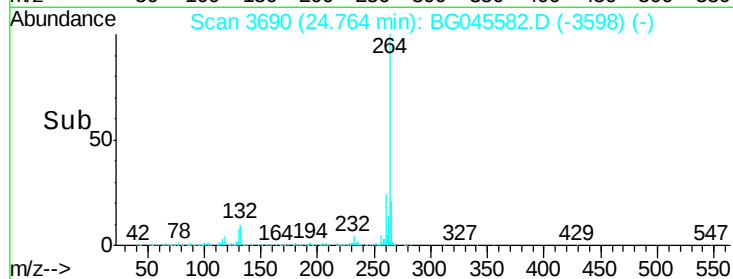
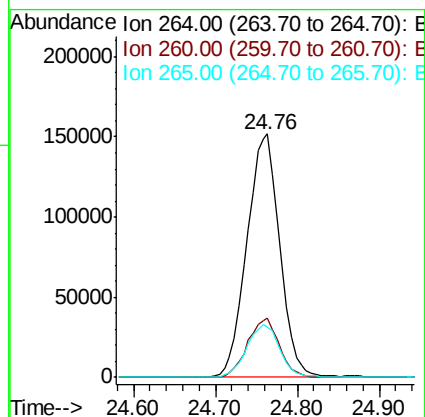
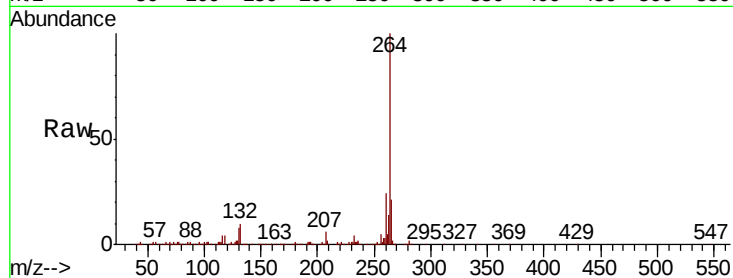
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3690
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	20.9	17.6	26.4

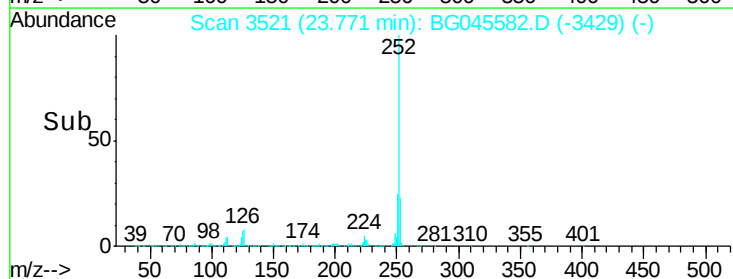
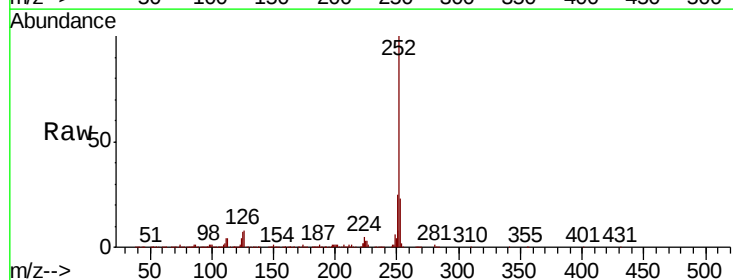
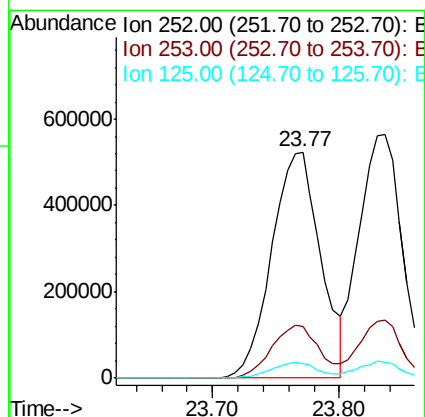
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#88
Benzo(b)fluoranthene
Concen: 61.776 ng
RT: 23.77 min Scan# 3521
Delta R.T. 0.01 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	6.6	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 62.375 ng

RT: 23.84 min Scan# 3532

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB129255BS

Tot Ion:252 Resp: 1331344

Ion Ratio Lower Upper

252 100

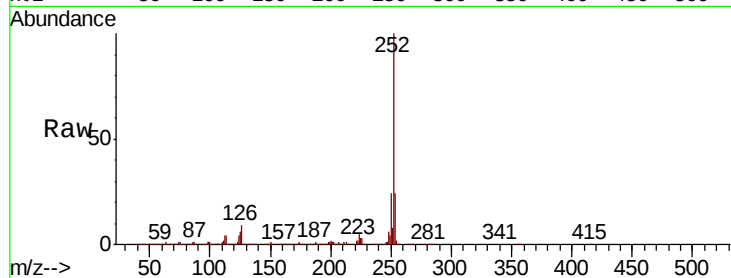
253 23.6 18.4 27.6

125 6.5 5.7 8.5

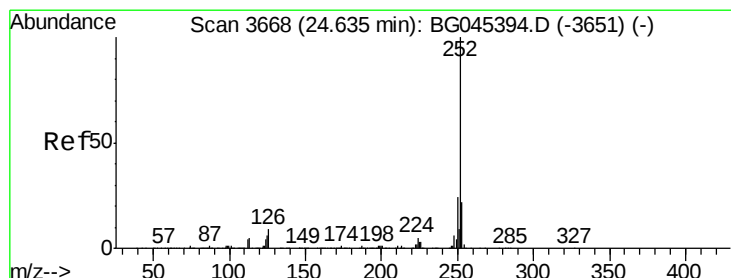
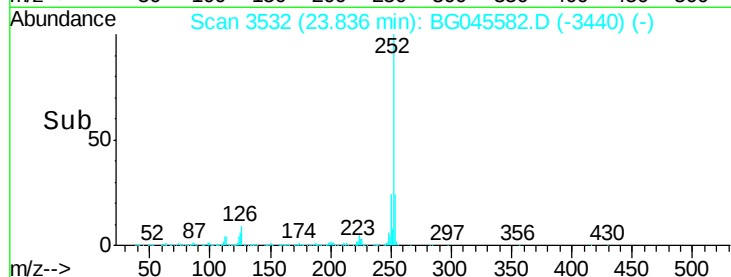
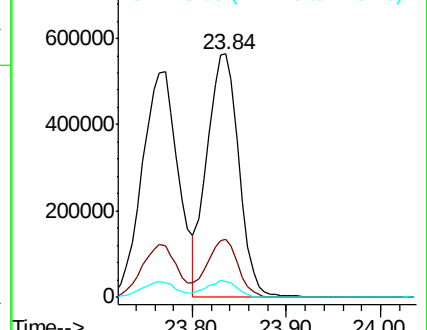
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 60.494 ng

RT: 24.62 min Scan# 3665

Delta R.T. 0.01 min

Lab File: BG045582.D

Acq: 3 Jun 2020 15:39

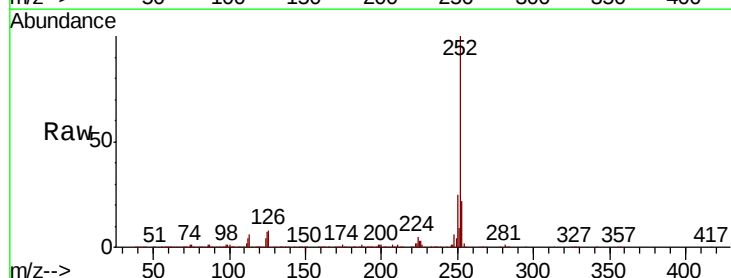
Tgt Ion:252 Resp: 1279990

Ion Ratio Lower Upper

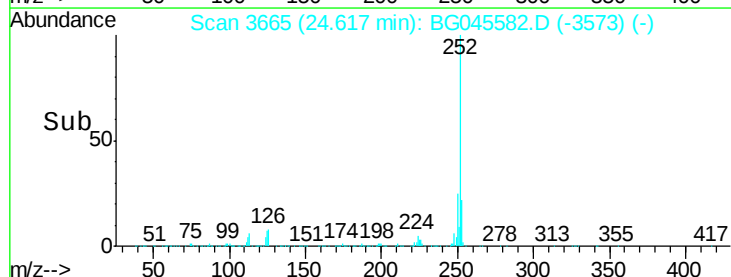
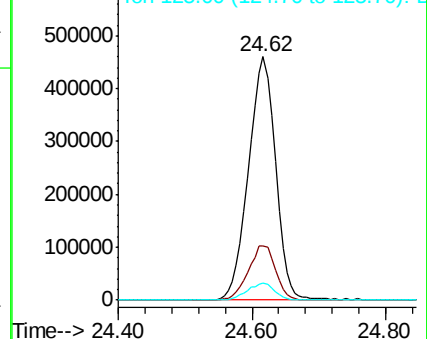
252 100

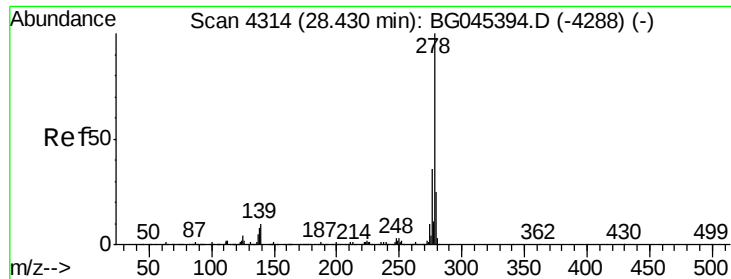
253 22.2 17.2 25.8

125 6.9 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





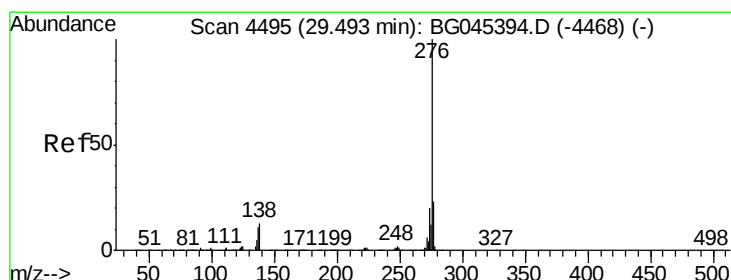
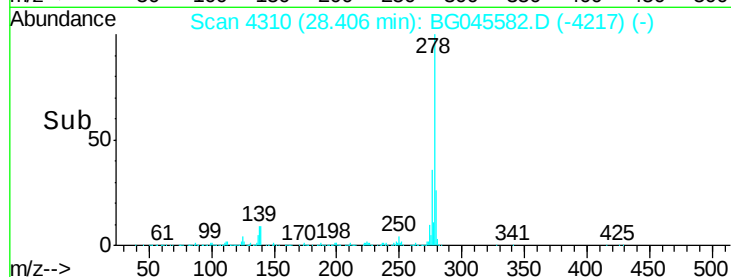
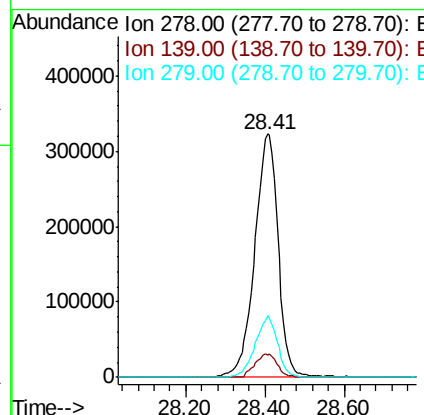
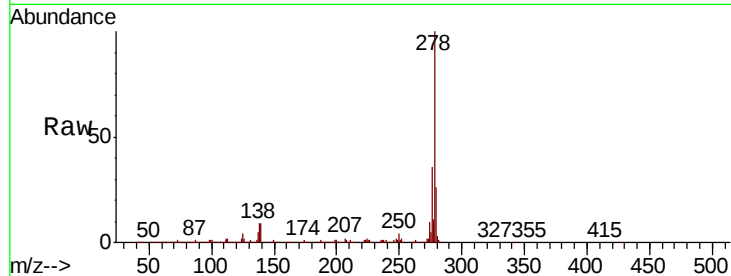
#91
Dibenzo(a,h)anthracene
Concen: 62.574 ng
RT: 28.41 min Scan# 4310
Delta R.T. 0.02 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	7.8	11.8
279	25.6	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 63.968 ng
RT: 29.46 min Scan# 4490
Delta R.T. 0.02 min
Lab File: BG045582.D
Acq: 3 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.1	27.1
138	13.3	10.2	15.4

