

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044664.D
 Acq On : 3 Mar 2020 16:04
 Operator : CG/JU
 Sample : 8270-SPIKE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8270-SPIKE

Manual Integrations
 APPROVED

mohammad
 3/4/2020 2:47:25 PM

Quant Time: Mar 04 04:08:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	51235m	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	212444	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	146044	20.00	ng	-0.06
64) Phenanthrene-d10	17.21	188	339555	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	333361	20.00	ng	-0.06
87) Perylene-d12	24.46	264	376754	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	71851	51.563	ng	98
3) Pyridine	3.63	79	164489	42.305	ng	100
4) n-Nitrosodimethylamine	3.55	42	82858	56.109	ng	95
6) Aniline	7.13	93	224769	42.236	ng	99
8) 2-Chlorophenol	7.38	128	204781	58.747	ng	98
9) Benzaldehyde	6.94	77	153886	59.872	ng	99
10) Phenol	7.01	94	250179	59.063	ng	99
11) bis(2-Chloroethyl)ether	7.23	93	183120	51.425	ng	97
12) 1,3-Dichlorobenzene	7.69	146	210422	50.612	ng	97
13) 1,4-Dichlorobenzene	7.84	146	211499	50.618	ng	99
14) 1,2-Dichlorobenzene	8.16	146	203754	51.278	ng	98
15) Benzyl Alcohol	8.05	79	167063	56.673	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.35	45	239136	49.969	ng	100
17) 2-Methylphenol	8.26	107	173135	57.215	ng	96
18) Hexachloroethane	8.89	117	77604	50.821	ng	93
19) n-Nitroso-di-n-propylamine	8.62	70	138677	49.358	ng	98
20) 3+4-Methylphenols	8.59	107	232909	56.219	ng	99
22) Acetophenone	8.63	105	264310	49.554	ng	# 99
24) Nitrobenzene	9.00	77	202599	50.712	ng	99
25) Isophorone	9.53	82	389686	50.515	ng	99
26) 2-Nitrophenol	9.72	139	113739	52.496	ng	95
27) 2,4-Dimethylphenol	9.79	122	191178	62.843	ng	99
28) bis(2-Chloroethoxy)methane	10.02	93	245810	48.185	ng	100
29) 2,4-Dichlorophenol	10.27	162	201729	55.465	ng	97
30) 1,2,4-Trichlorobenzene	10.47	180	198192	47.119	ng	100
31) Naphthalene	10.66	128	574622	49.569	ng	98
32) Benzoic acid	9.97	122	70357	55.263	ng	97
33) 4-Chloroaniline	10.77	127	156075	30.568	ng	98
34) Hexachlorobutadiene	10.95	225	117863	44.619	ng	98
35) Caprolactam	11.54	113	72021m	55.315	ng	
36) 4-Chloro-3-methylphenol	11.91	107	211508	56.496	ng	98
37) 2-Methylnaphthalene	12.28	142	430523	50.251	ng	98
38) 1-Methylnaphthalene	12.49	142	408454	50.174	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	217756	44.290	ng	99

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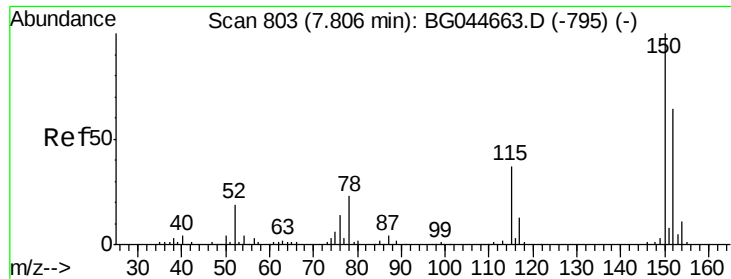
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Quant Time: Mar 04 04:08:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	213146	89.780	nq	99
43) 2,4,6-Trichlorophenol	12.89	196	160544	50.290	nq	99
44) 2,4,5-Trichlorophenol	12.97	196	176663	53.871	nq	98
46) 1,1'-Biphenyl	13.29	154	561913	46.494	nq	99
47) 2-Chloronaphthalene	13.33	162	438473	46.266	nq	99
48) 2-Nitroaniline	13.53	65	133845	50.877	nq	97
49) Acenaphthylene	14.18	152	698550	49.934	nq	99
50) Dimethylphthalate	13.92	163	582370	49.405	nq	99
51) 2,6-Dinitrotoluene	14.03	165	132895	51.119	nq	95
52) Acenaphthene	14.53	154	428664	48.069	nq	99
53) 3-Nitroaniline	14.36	138	97689	34.842	nq	97
54) 2,4-Dinitrophenol	14.58	184	152584	96.343	nq	98
55) Dibenzofuran	14.86	168	679680	49.716	nq	99
56) 4-Nitrophenol	14.70	139	221333	114.763	nq	98
57) 2,4-Dinitrotoluene	14.83	165	189820	51.934	nq	95
58) Fluorene	15.51	166	538237	49.654	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	156880	51.949	nq	99
60) Diethylphthalate	15.29	149	584729	50.064	nq	99
61) 4-Chlorophenyl-phenylether	15.50	204	283166	48.045	nq	100
62) 4-Nitroaniline	15.53	138	141185	50.290	nq	96
63) Azobenzene	15.80	77	516662	51.978	nq	98
65) 4,6-Dinitro-2-methylphenol	15.60	198	117178	55.733	nq	99
66) n-Nitrosodiphenylamine	15.72	169	516514	48.766	nq	99
67) 4-Bromophenyl-phenylether	16.40	248	194039	46.037	nq	98
68) Hexachlorobenzene	16.52	284	213475	44.798	nq	98
69) Atrazine	16.67	200	193068	49.307	nq	98
70) Pentachlorophenol	16.87	266	220127	93.092	nq	97
71) Phenanthrene	17.25	178	907797	48.290	nq	100
72) Anthracene	17.34	178	934807	50.459	nq	98
73) Carbazole	17.61	167	863735	51.221	nq	99
74) Di-n-butylphthalate	18.18	149	1059270	50.128	nq	98
75) Fluoranthene	19.26	202	1126036	50.599	nq	99
77) Benzidine	19.44	184	817854	71.620	nq	98
78) Pyrene	19.62	202	1130062	46.699	nq	98
80) Butylbenzylphthalate	20.52	149	505637	47.769	nq	97
81) Benzo(a)anthracene	21.42	228	1113990	47.546	nq	99
82) 3,3'-Dichlorobenzidine	21.34	252	280026	30.253	nq	98
83) Chrysene	21.49	228	1069846	47.227	nq	99
84) Bis(2-ethylhexyl)phthalate	21.35	149	712356	48.841	nq	98
85) Di-n-octyl phthalate	22.49	149	1237148	48.211	nq	98
86) Indeno(1,2,3-cd)pyrene	27.89	276	1367524	47.039	nq	99
88) Benzo(b)fluoranthene	23.52	252	1175671	47.462	nq	99
89) Benzo(k)fluoranthene	23.58	252	1132066	47.101	nq	100
90) Benzo(a)pyrene	24.33	252	1079850	46.398	nq	99
91) Dibenzo(a,h)anthracene	27.94	278	1128507	49.028	nq	99
92) Benzo(g,h,i)perylene	28.96	276	1145113	49.656	nq	100

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



#1

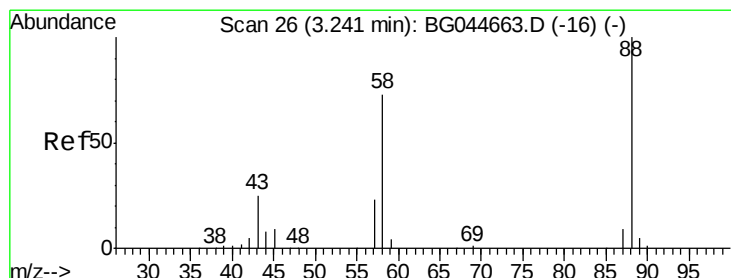
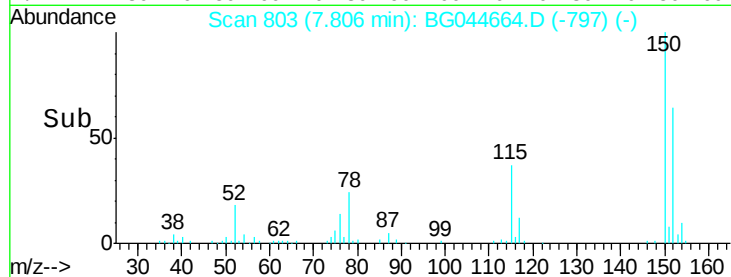
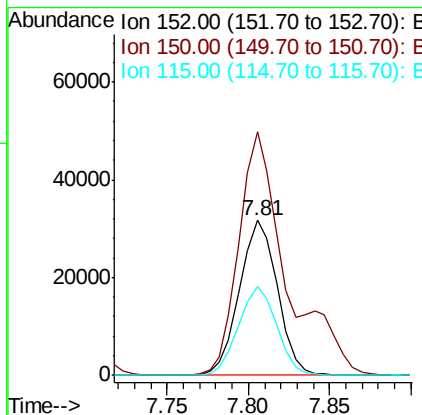
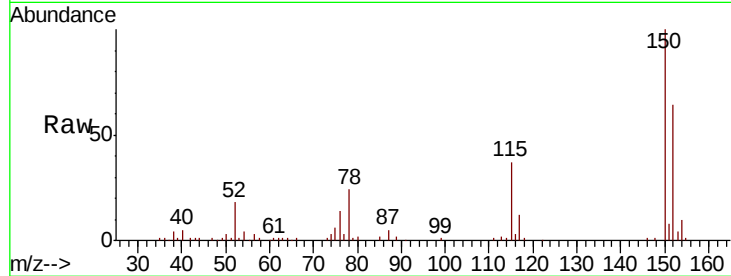
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 7.81 min Scan# 803
Delta R.T. -0.07 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	128.9	193.3
115	57.7	47.0	70.4

Manual Integrations
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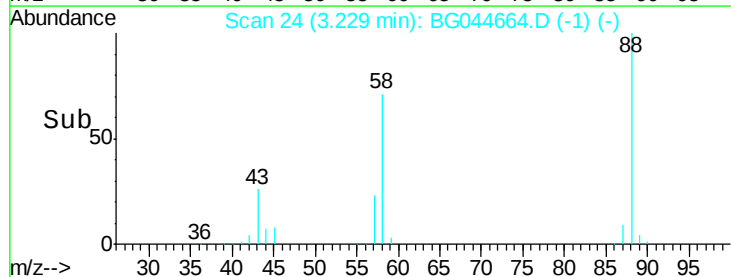
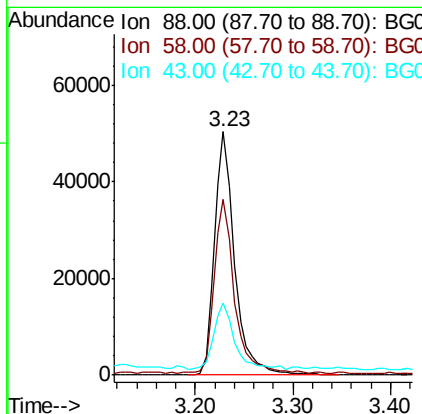
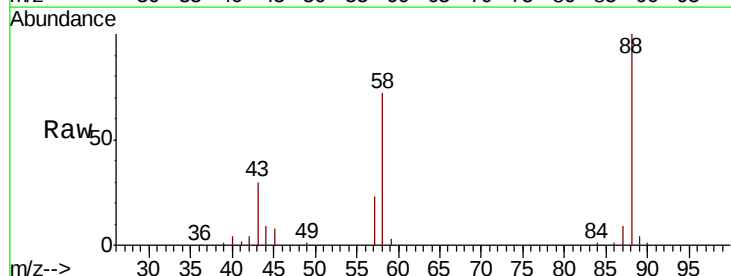
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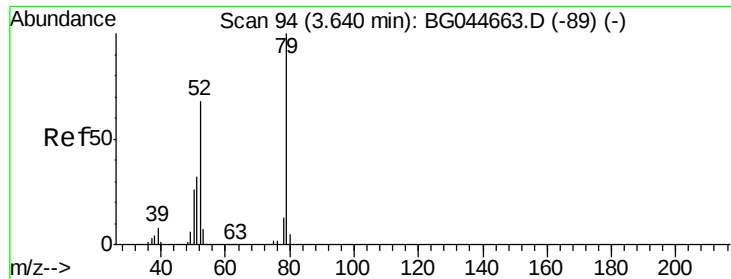


#2

1,4-Dioxane
Concen: 51.563 ng/ml
RT: 3.23 min Scan# 24
Delta R.T. -0.10 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.1	55.8	83.8
43	27.7	20.6	31.0





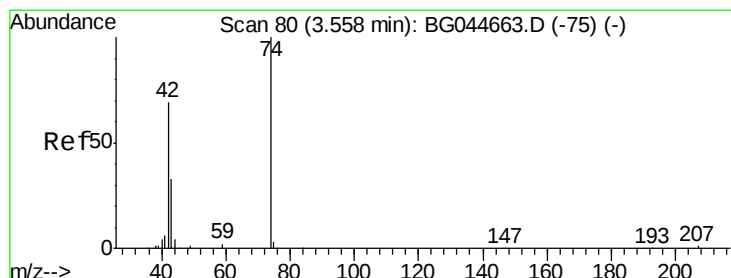
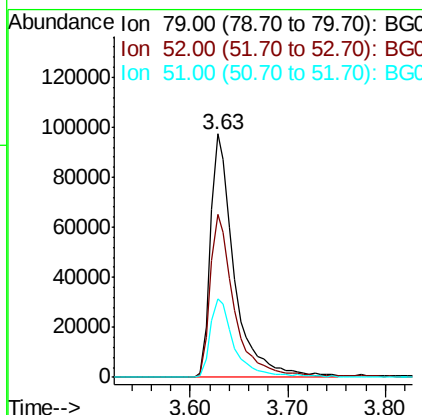
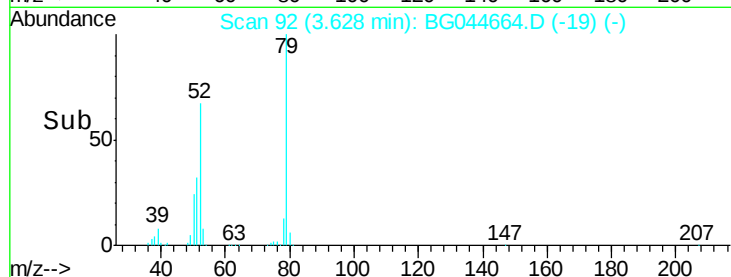
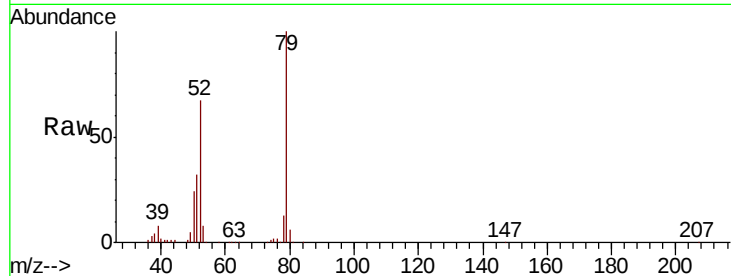
#3
 Pvridine
 Concen: 42.305 ng
 RT: 3.63 min Scan# 92
 Delta R.T. -0.10 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Instrument :
 BNA_G
 ClientSampleId :
 8270-SPIKE

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.2	53.7	80.5
51	32.2	25.4	38.0

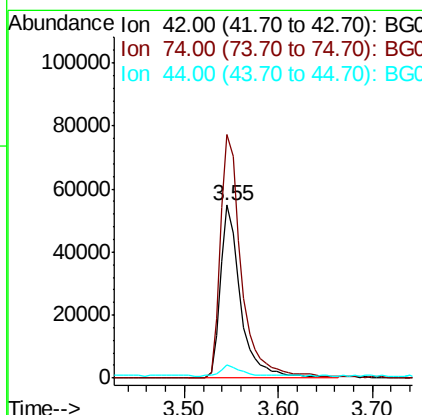
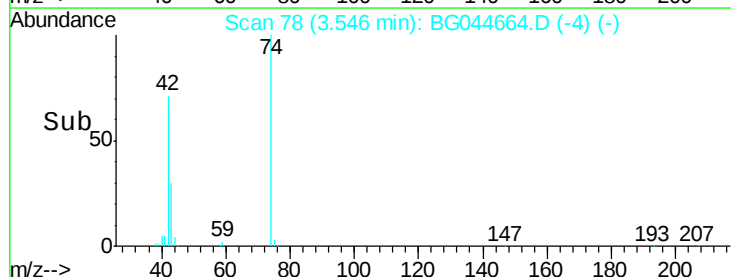
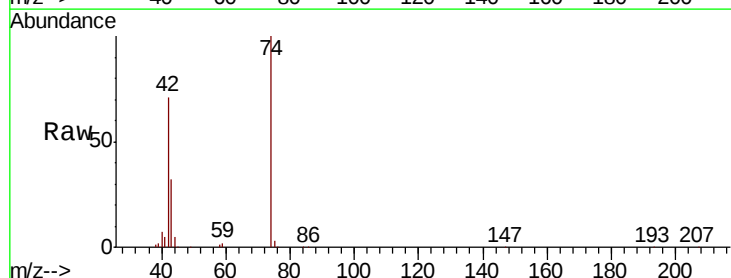
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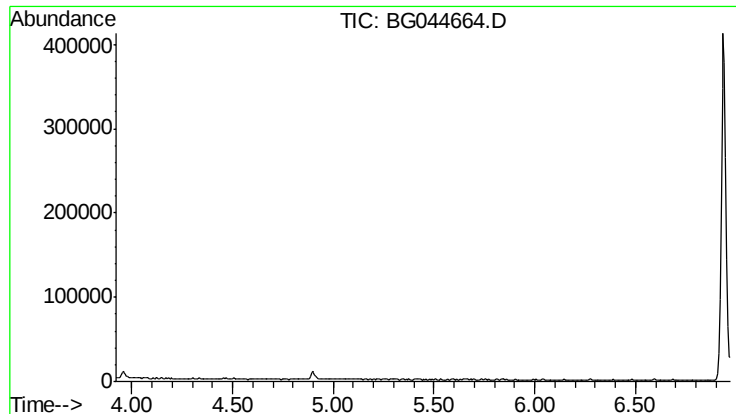
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#4
 n-Nitrosodimethylamine
 Concen: 56.109 ng
 RT: 3.55 min Scan# 78
 Delta R.T. -0.10 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.0	117.6	176.4
44	7.6	6.3	9.5





#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.45 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Tot Ion: 112

Sig Exp Ratio

112 100

64 56.0

63 27.9

Instrument :

BNA_G

ClientSampleId :

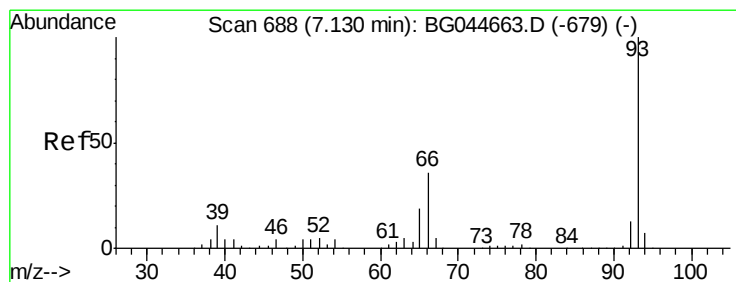
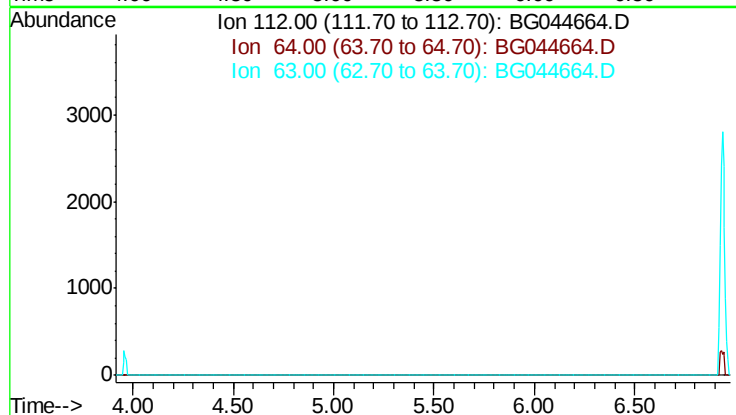
8270-SPIKE

Manual Integrations

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#6

Aniline

Concen: 42.236 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.07 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

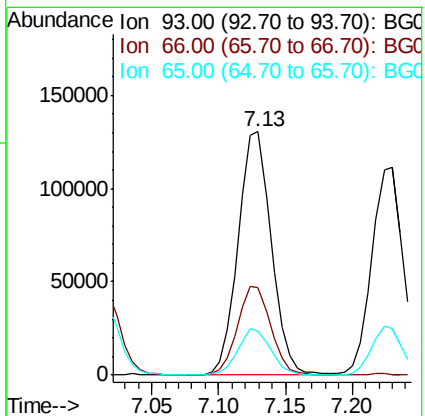
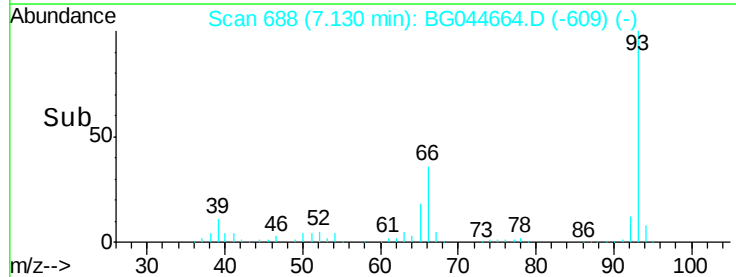
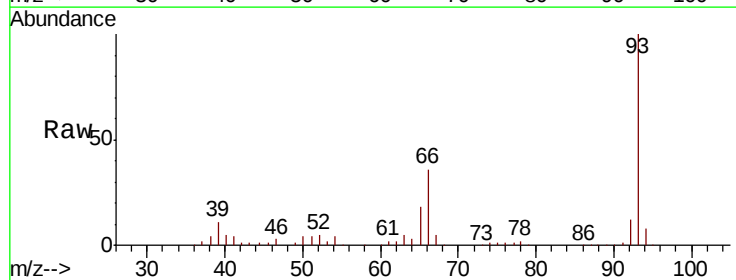
Tgt Ion: 93 Resp: 224769

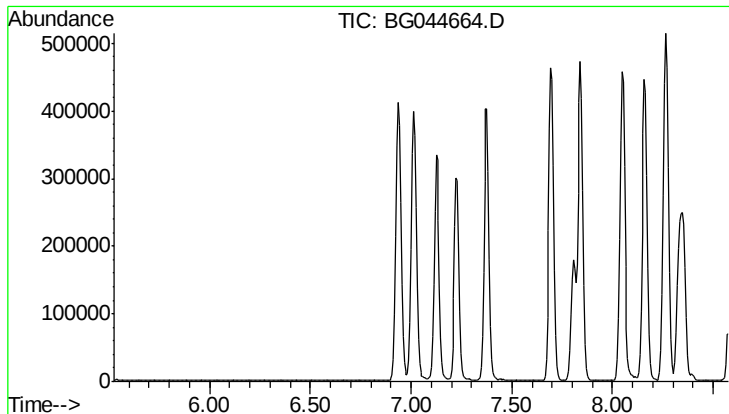
Ion Ratio Lower Upper

93 100

66 35.8 27.8 41.8

65 18.1 14.9 22.3





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.05 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Tot Ion: 99

Sig Exp Ratio

99 100

42 16.0

71 30.5

Instrument :

BNA_G

ClientSampleId :

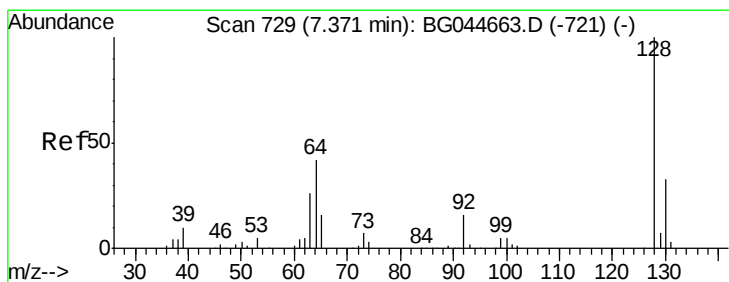
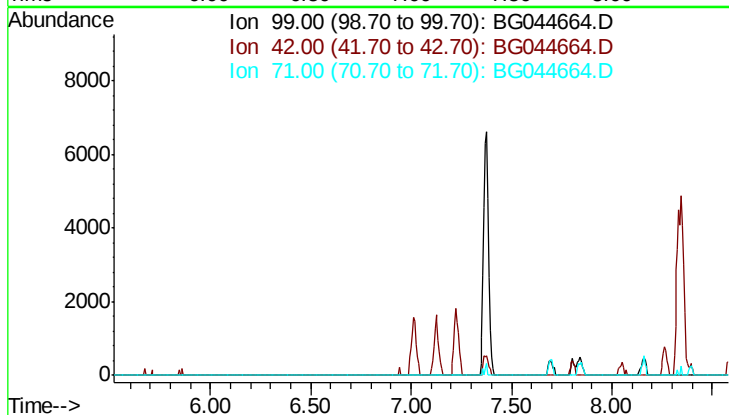
8270-SPIKE

Manual Integrations

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#8

2-Chlorophenol

Concen: 58.747 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

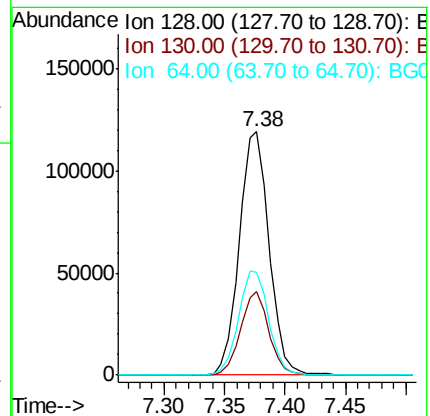
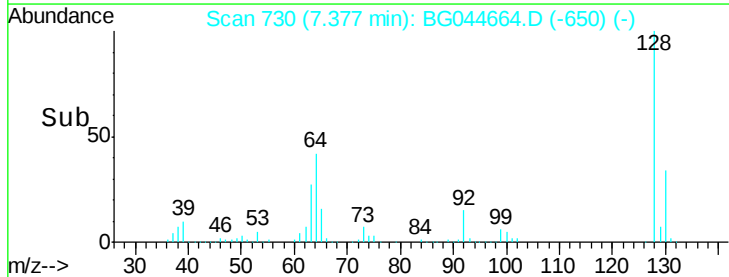
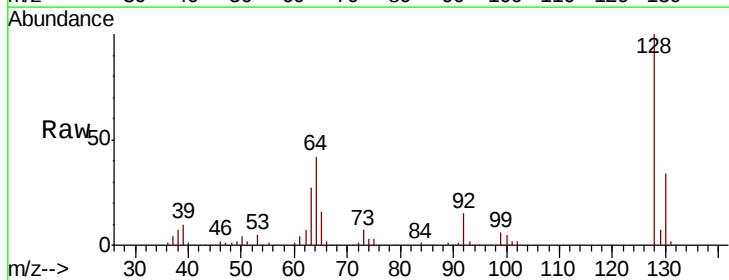
Tgt Ion:128 Resp: 204781

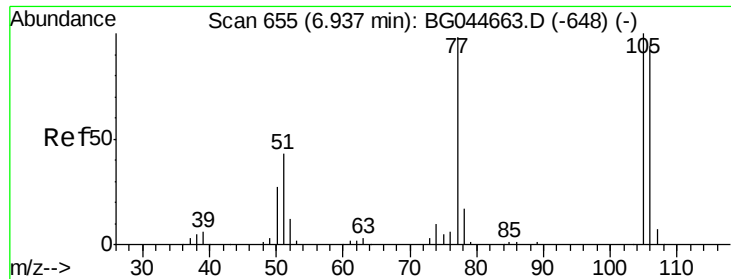
Ion Ratio Lower Upper

128 100

130 34.2 12.3 52.3

64 42.3 22.5 62.5





#9

Benzaldehyde

Concen: 59.872 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.07 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

8270-SPIKE

Tot Ion: 77 Resp: 153886

Ion Ratio Lower Upper

77 100

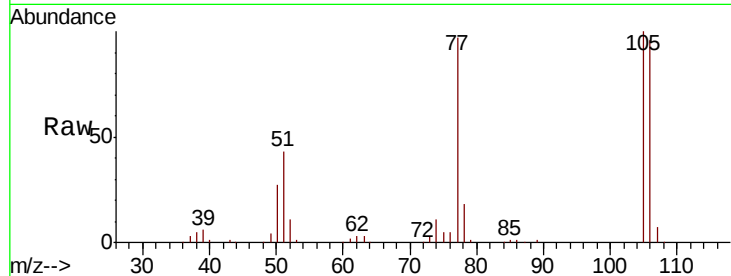
105 102.6 83.6 123.6

106 98.1 78.2 118.2

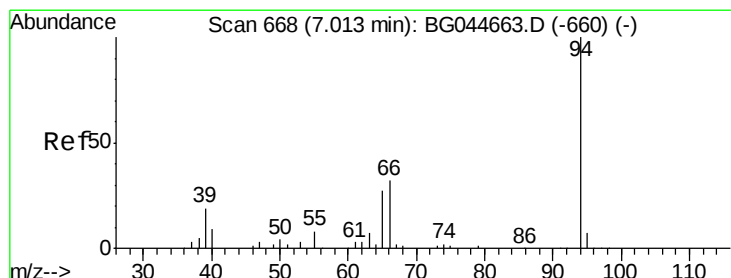
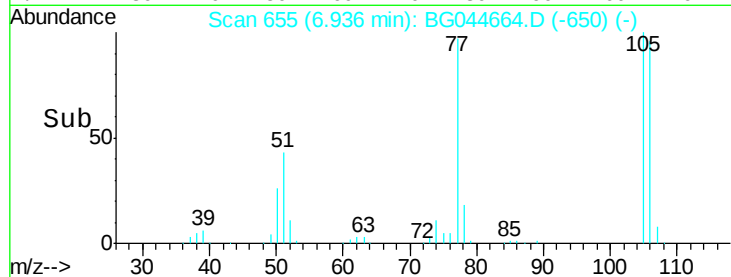
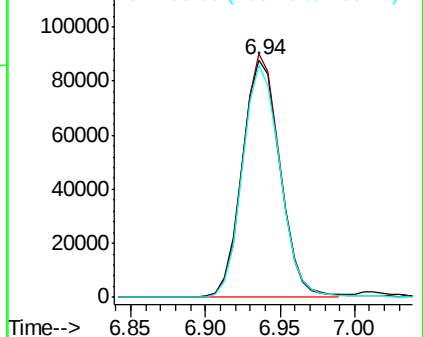
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 59.063 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

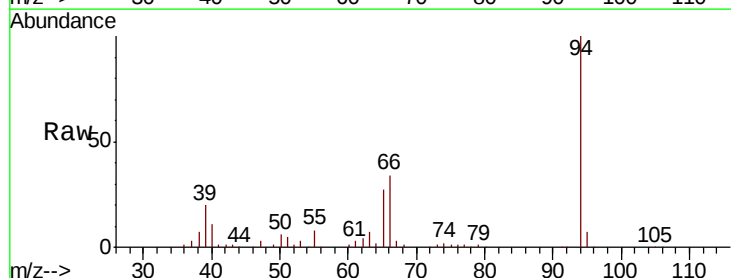
Tgt Ion: 94 Resp: 250179

Ion Ratio Lower Upper

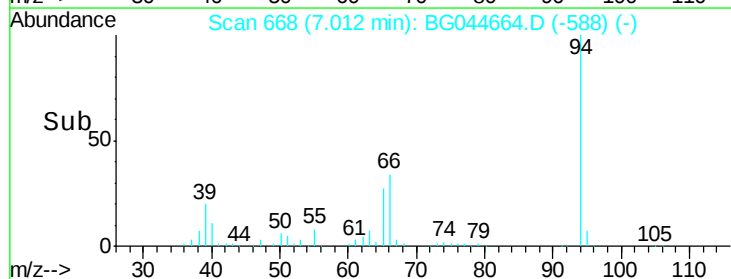
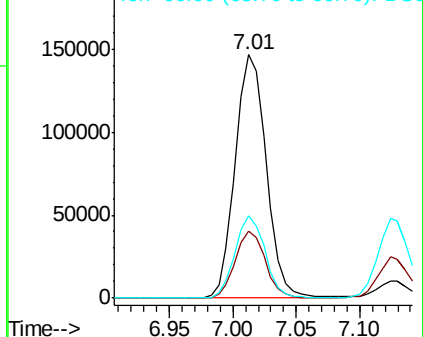
94 100

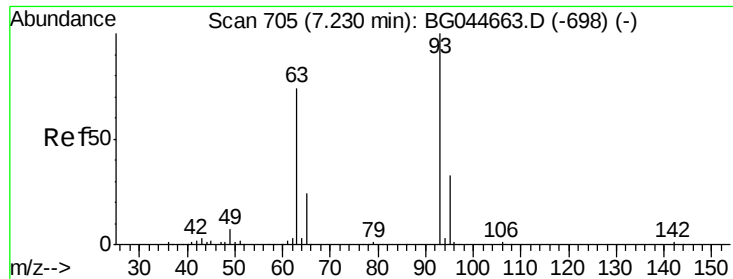
65 27.4 6.4 46.4

66 33.9 13.9 53.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 51.425 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

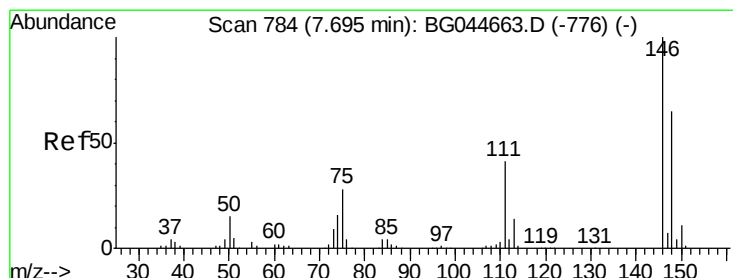
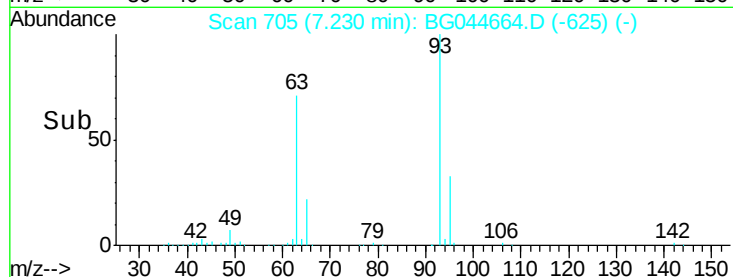
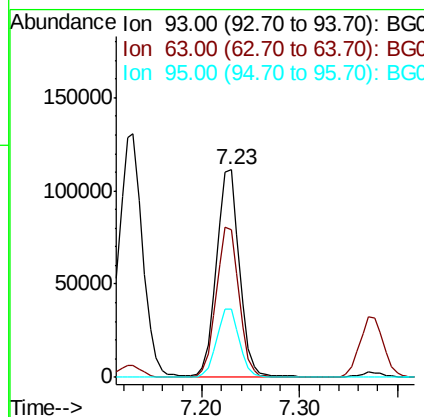
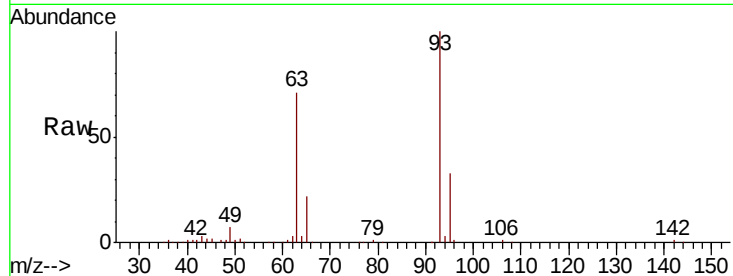
ClientSampleId :

8270-SPIKE

Tot Ion:	93	Resp:	183120
Ion Ratio	Lower	Upper	
93	100		
63	71.4	48.9	88.9
95	32.9	11.3	51.3

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#12

1,3-Dichlorobenzene

Concen: 50.612 ng

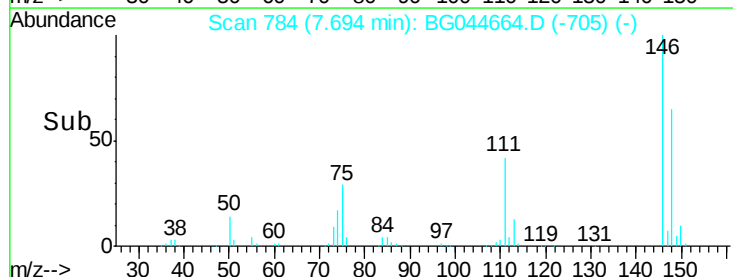
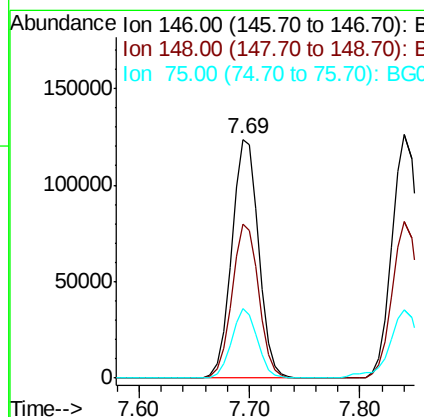
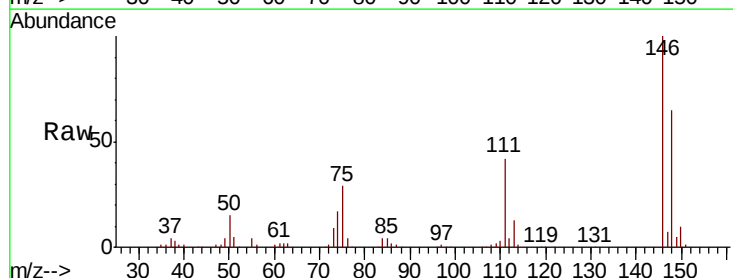
RT: 7.69 min Scan# 784

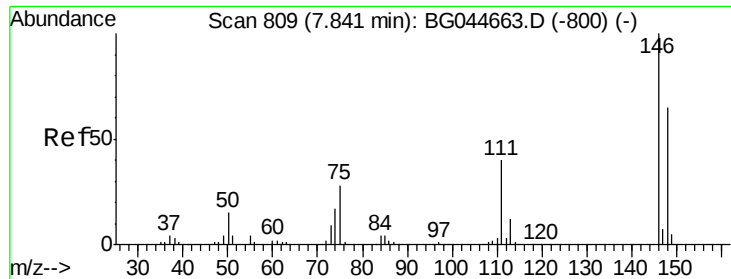
Delta R.T. -0.07 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Tgt Ion:	146	Resp:	210422
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.6	75.8
75	29.1	21.4	32.0





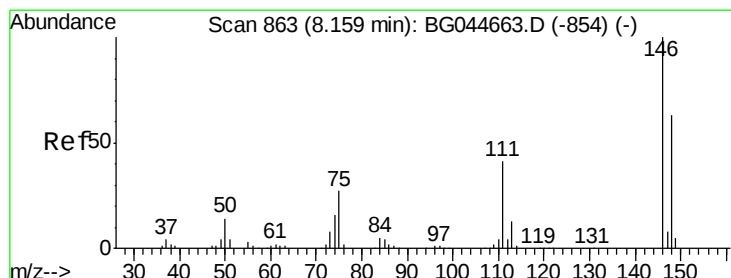
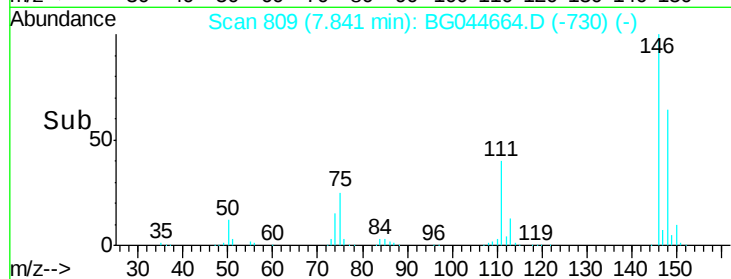
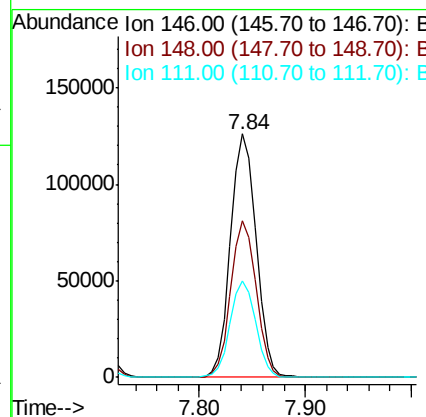
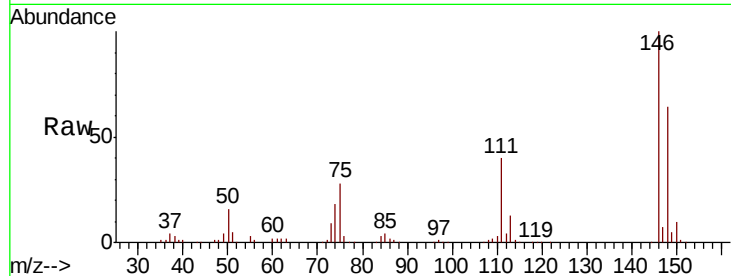
#13
 1,4-Dichlorobenzene
 Concen: 50.618 ng
 RT: 7.84 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Instrument :
 BNA_G
 ClientSampleId :
 8270-SPIKE

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	39.5	30.8	46.2

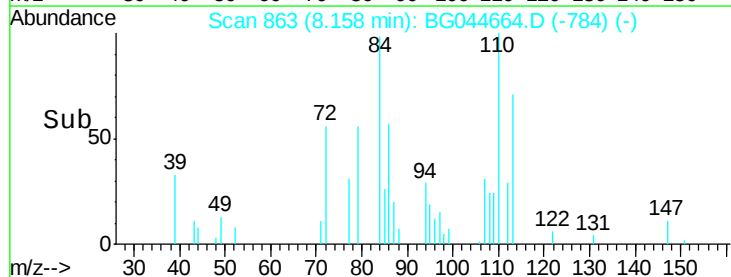
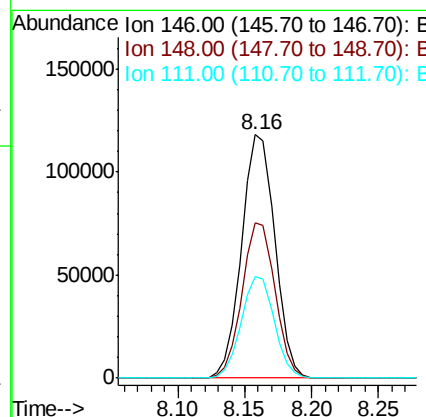
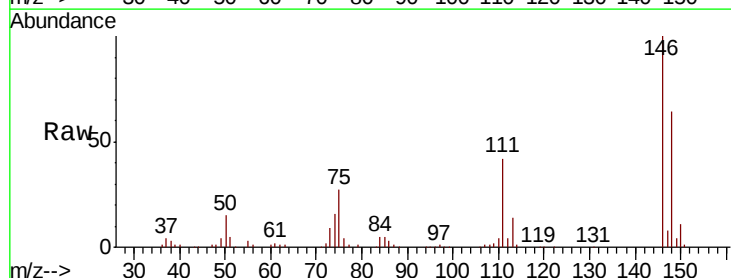
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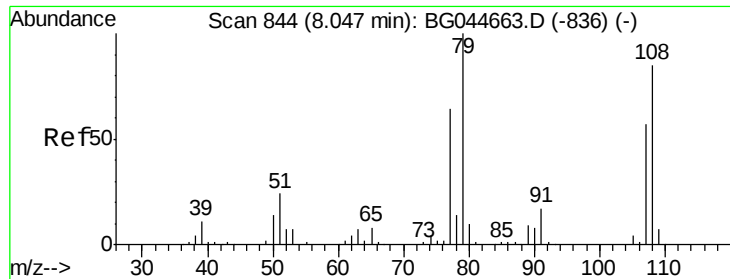
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#14
 1,2-Dichlorobenzene
 Concen: 51.278 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.07 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.7	76.1
111	41.5	31.8	47.6





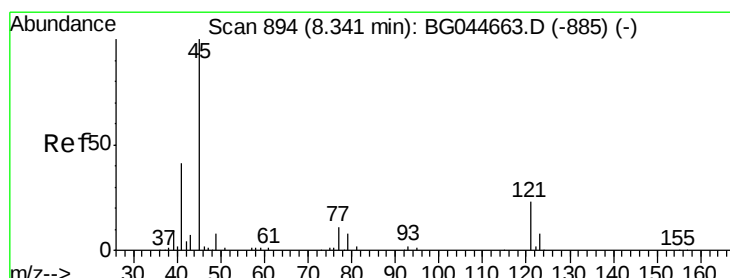
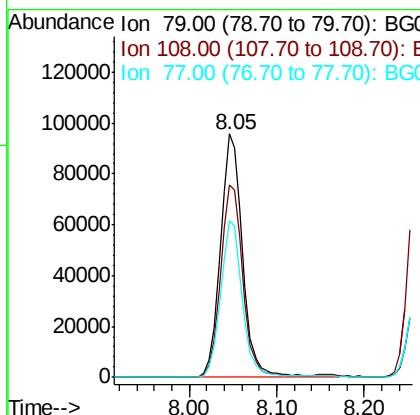
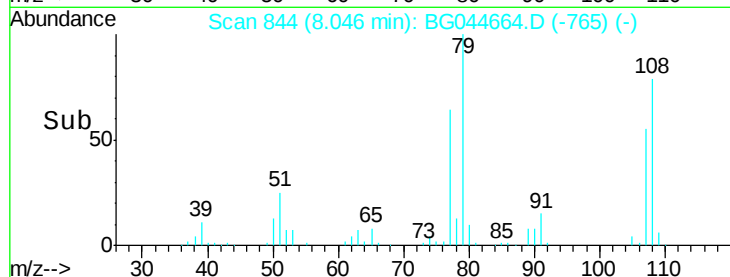
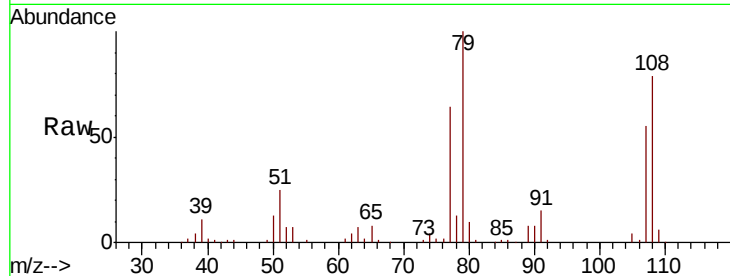
#15
Benzyl Alcohol
Concen: 56.673 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.07 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.8	66.0	99.0
77	64.3	49.6	74.4

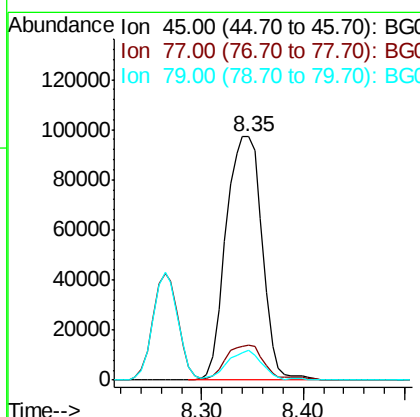
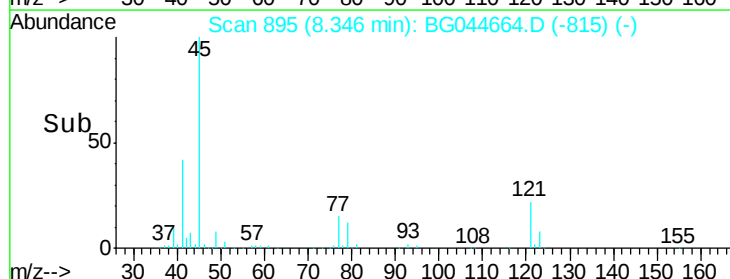
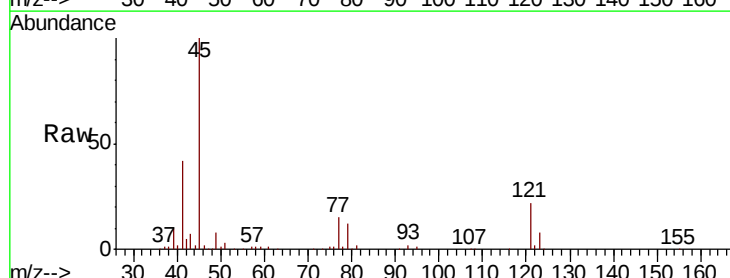
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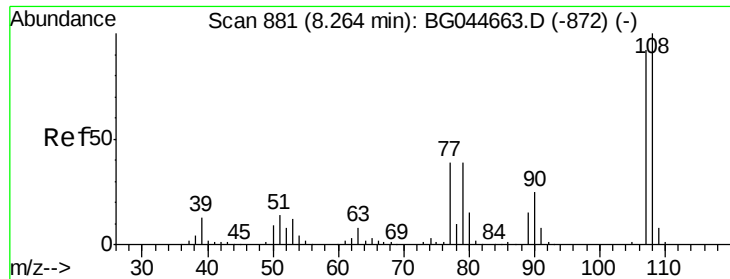
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#16
2,2'-oxybis(1-chloropropane)
Concen: 49.969 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	34.4
79	12.5	0.0	32.3





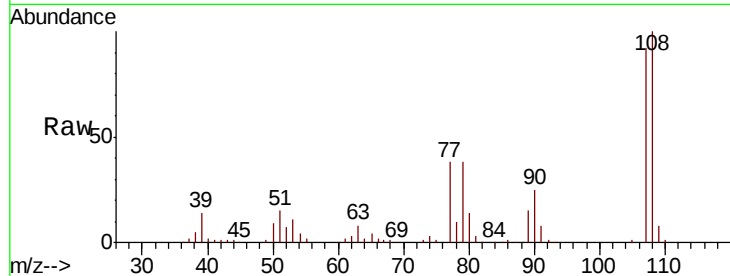
#17
2-Methylphenol
Concen: 57.215 ng
RT: 8.26 min Scan# 881
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

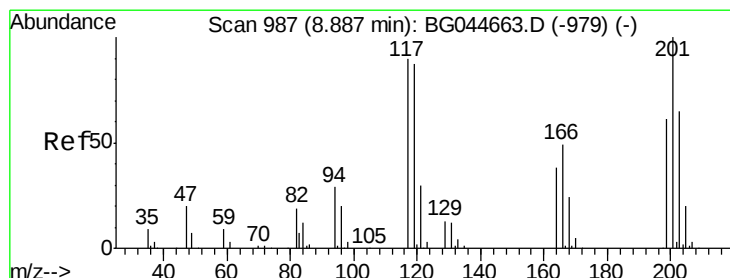
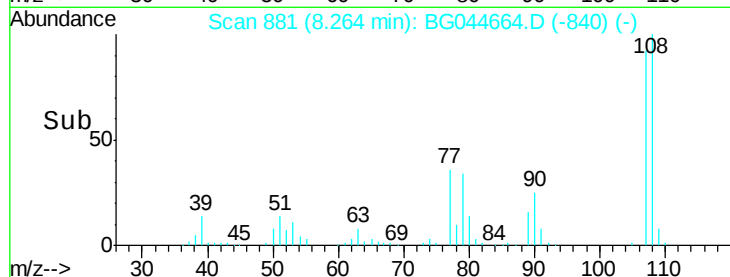
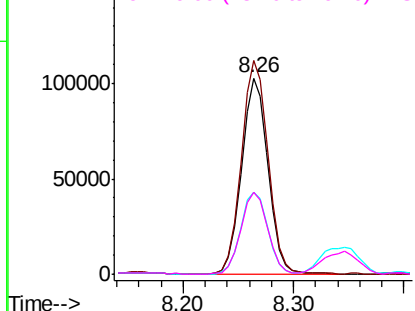
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.9	91.7	137.5
77	41.6	35.1	52.7
79	41.8	33.2	49.8

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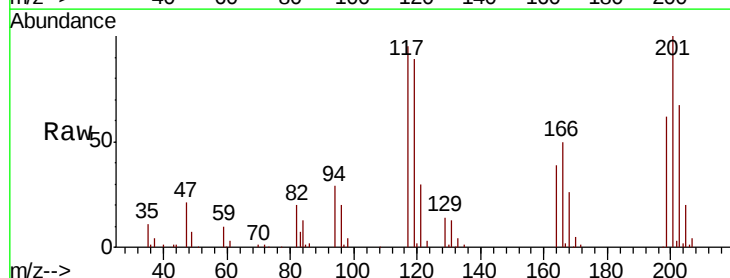


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

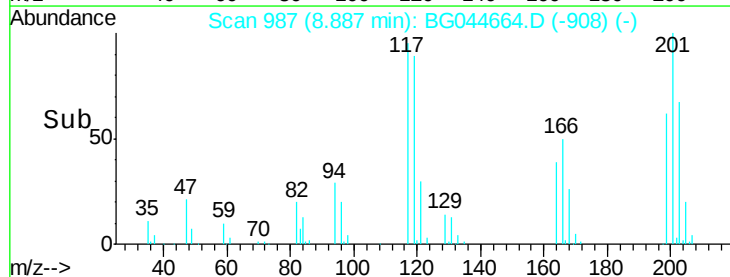
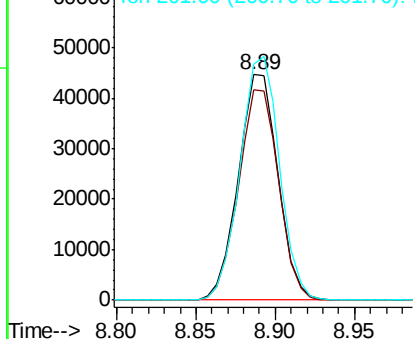


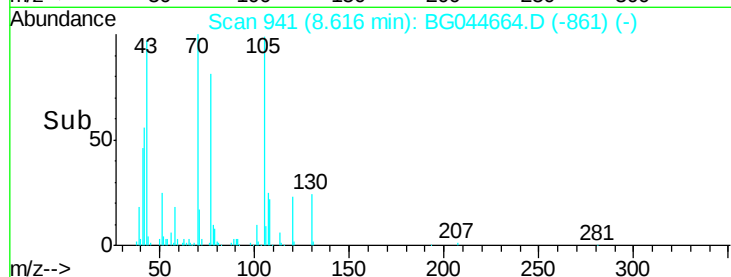
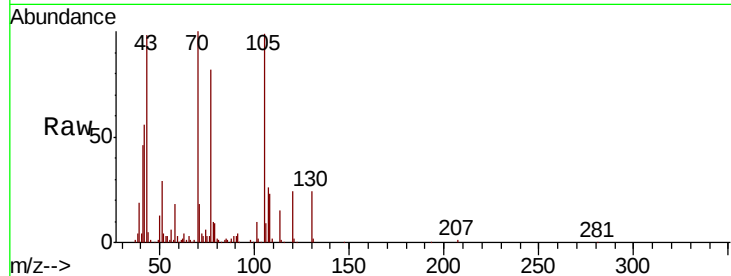
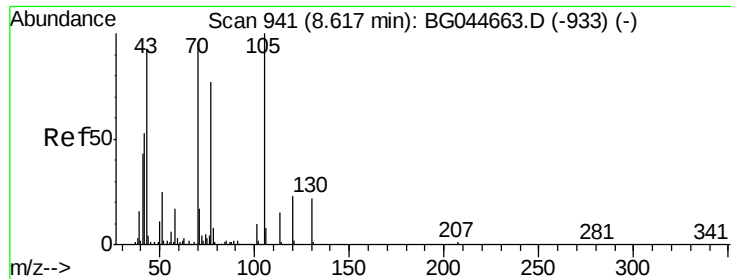
#18
Hexachloroethane
Concen: 50.821 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.07 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	80.0	120.0
201	104.9	90.5	135.7



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





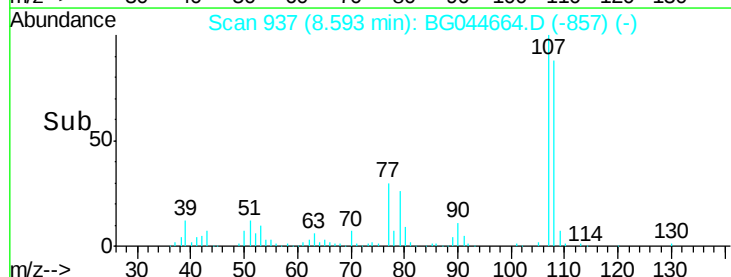
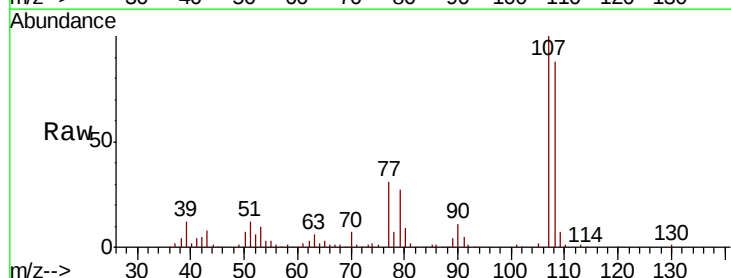
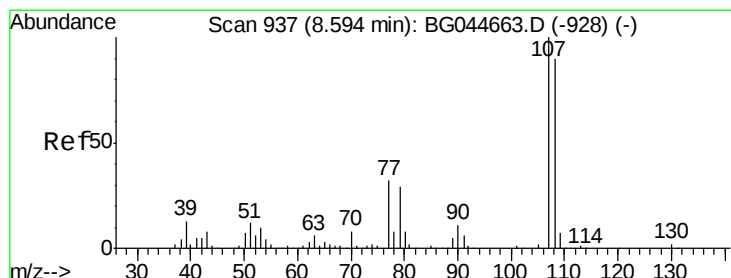
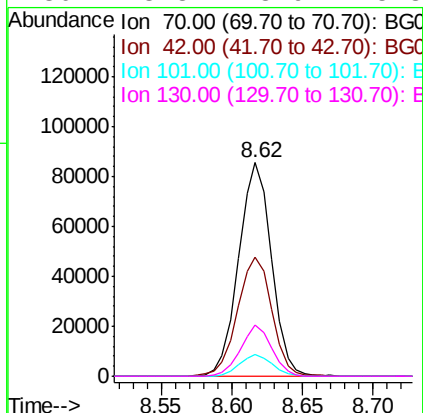
#19
n-Nitroso-di-n-propylamine
Concen: 49.358 ng
RT: 8.62 min Scan# 941
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

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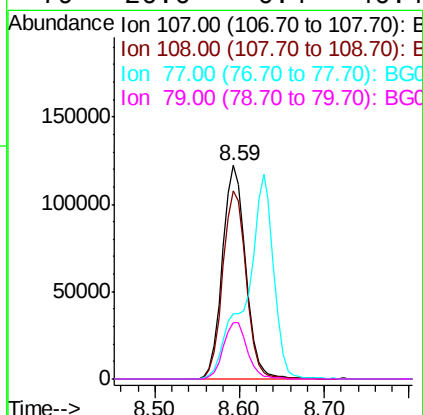
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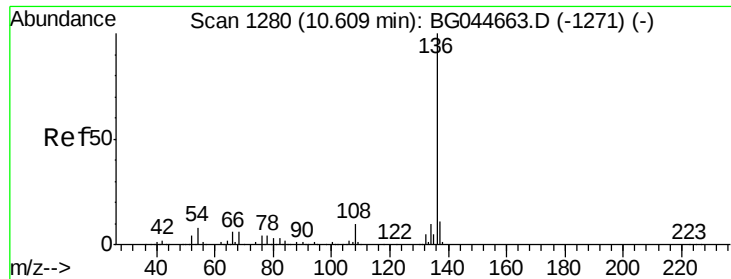
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.9	43.4	65.0	
101	10.2	7.5	11.3	
130	23.8	18.9	28.3	



#20
3+4-Methylphenols
Concen: 56.219 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	67.5	107.5	
77	30.8	11.3	51.3	
79	26.6	6.4	46.4	





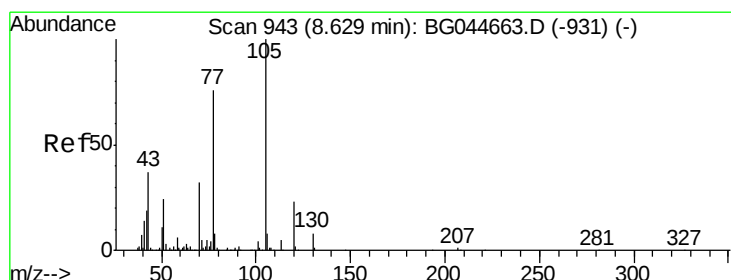
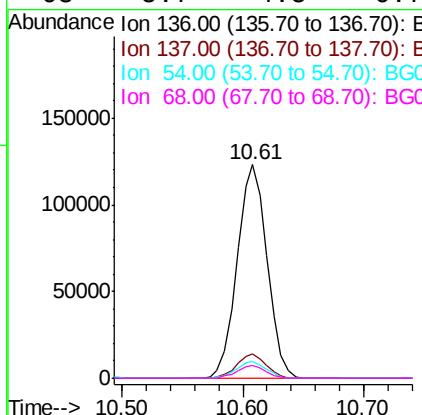
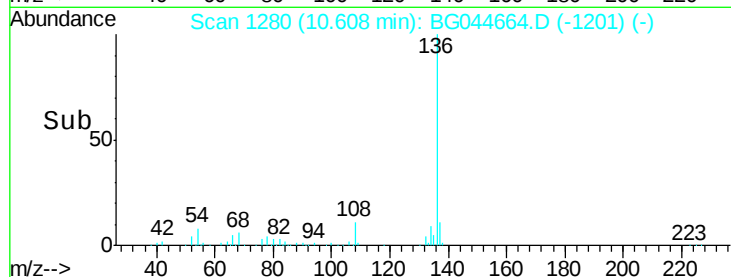
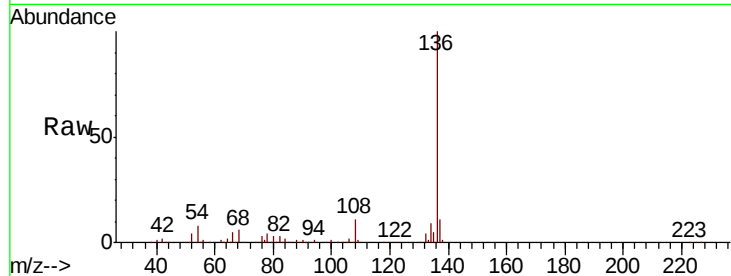
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.07 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Resp	Lower	Upper
136	100	212444		
137	11.3	8.8	13.2	
54	7.7	5.7	8.5	
68	5.7	4.5	6.7	

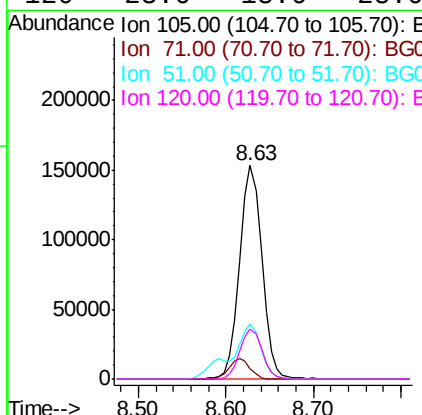
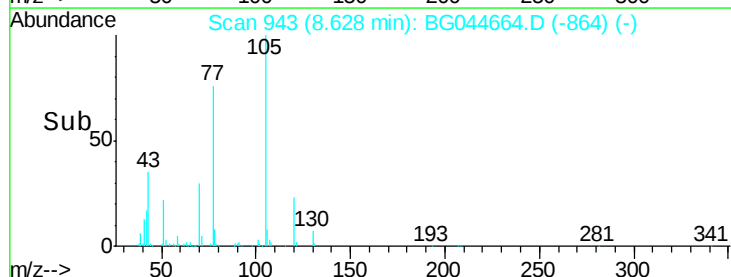
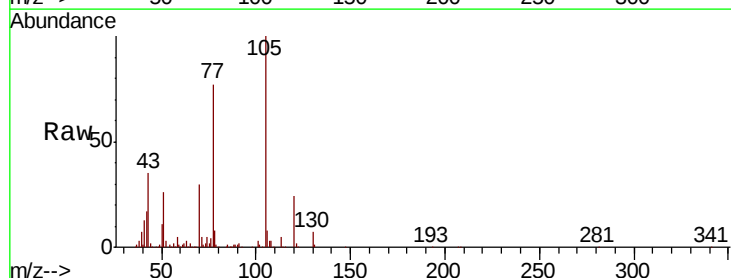
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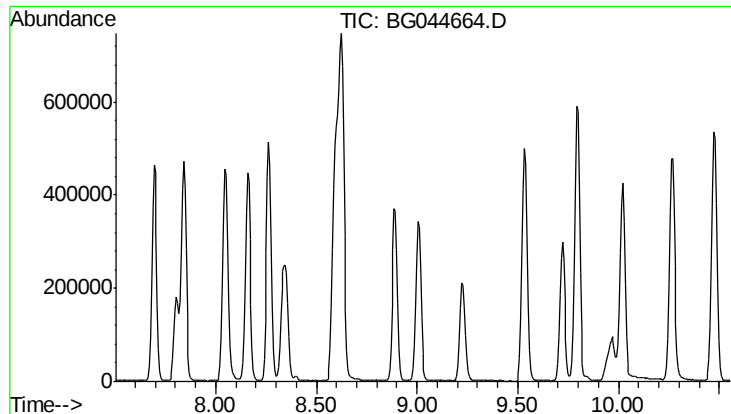
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#22
Acetophenone
Concen: 49.554 ng
RT: 8.63 min Scan# 943
Delta R.T. -0.07 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	264310		
71	5.0	2.8	4.2#	
51	25.6	19.9	29.9	
120	23.6	18.6	28.0	





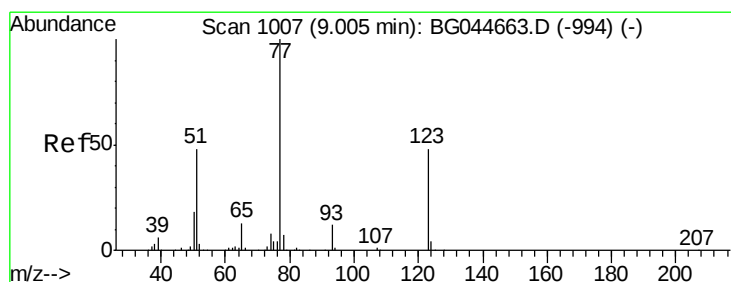
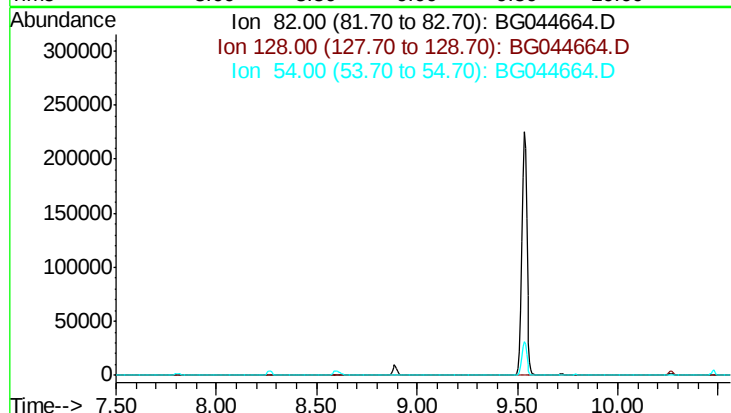
#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.03 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Tot Ion	82
Sig	Exp Ratio
82	100
128	47.6
54	46.9

Instrument :
 BNA_G
 ClientSampleId :
 8270-SPIKE

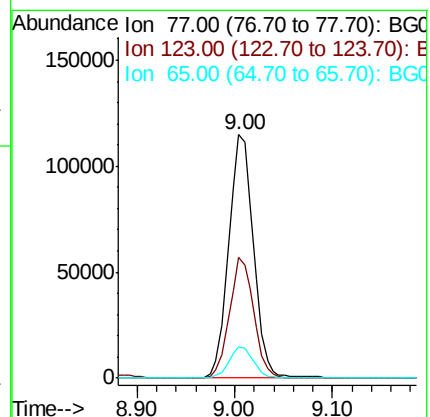
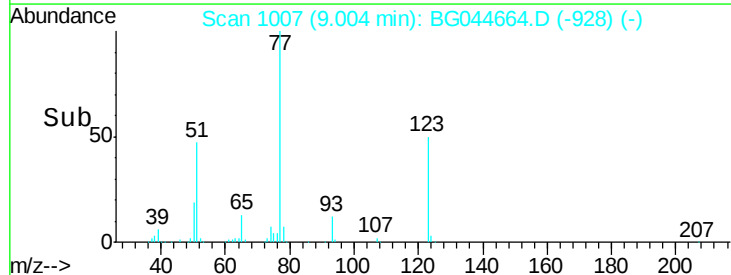
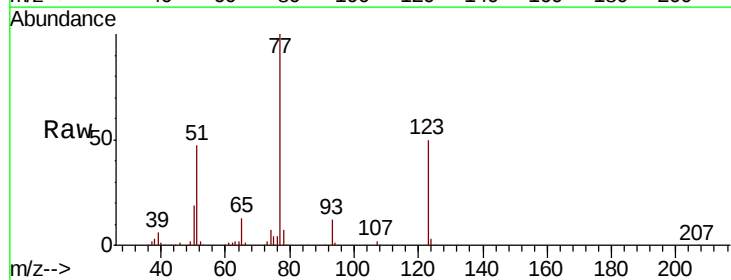
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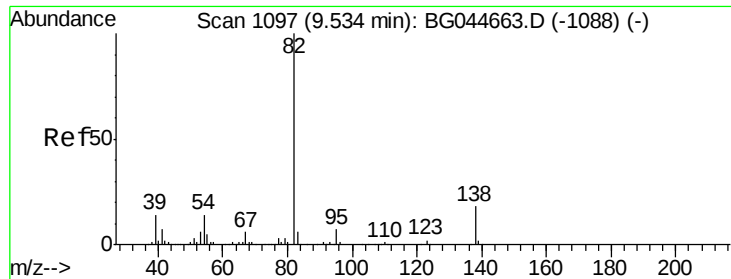
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#24
 Nitrobenzene
 Concen: 50.712 ng
 RT: 9.00 min Scan# 1007
 Delta R.T. -0.07 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Tgt Ion	77	Resp	202599
Ion Ratio	Lower	Upper	
77	100		
123	49.8	40.1	60.1
65	12.6	10.4	15.6





#25

Isophorone

Concen: 50.515 ng

RT: 9.53 min Scan# 1097

Delta R.T. -0.07 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

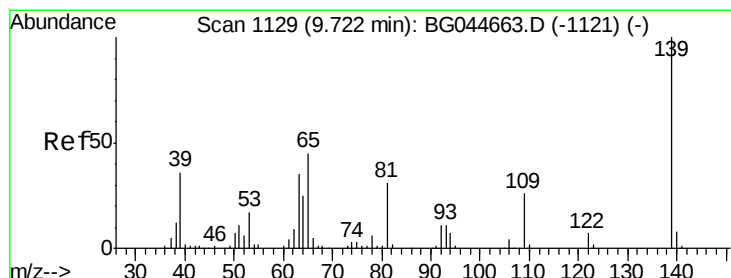
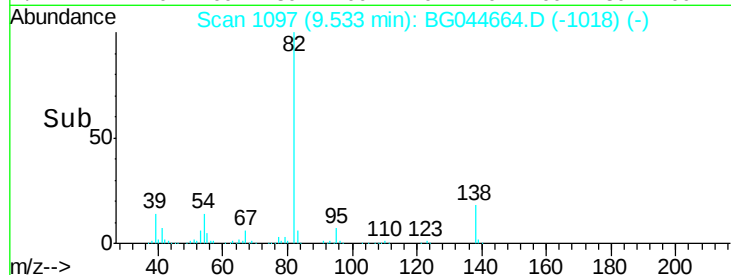
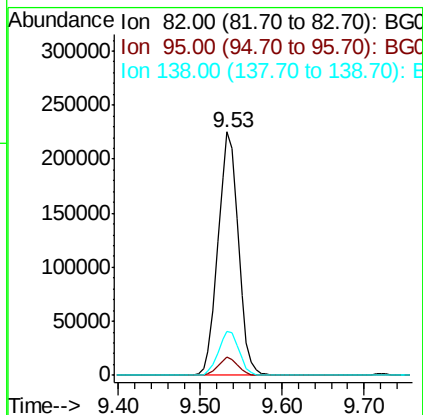
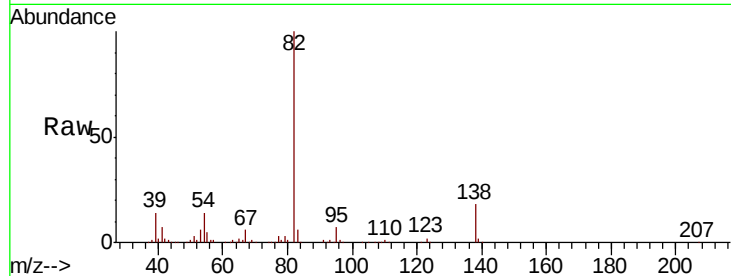
ClientSampleId :

8270-SPIKE

Tot Ion:	82	Resp:	389686
Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.6	8.4
138	18.1	14.7	22.1

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#26

2-Nitrophenol

Concen: 52.496 ng

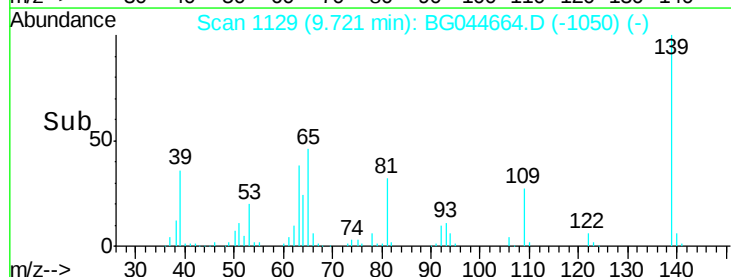
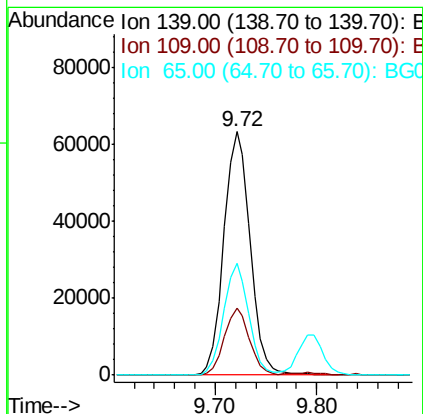
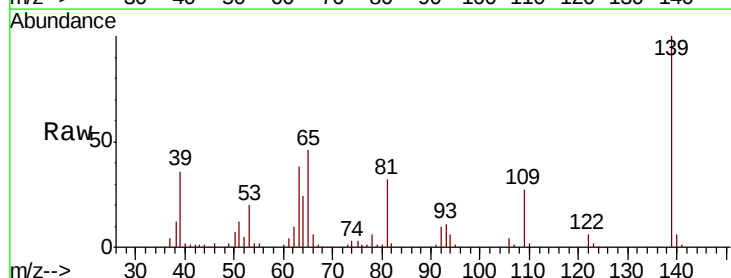
RT: 9.72 min Scan# 1129

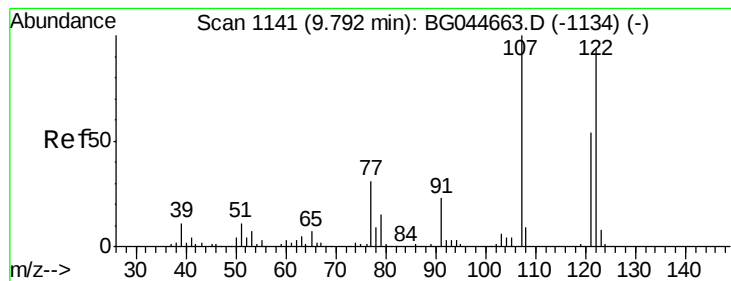
Delta R.T. -0.07 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Tgt Ion:	139	Resp:	113739
Ion	Ratio	Lower	Upper
139	100		
109	27.4	20.6	31.0
65	45.9	33.3	49.9





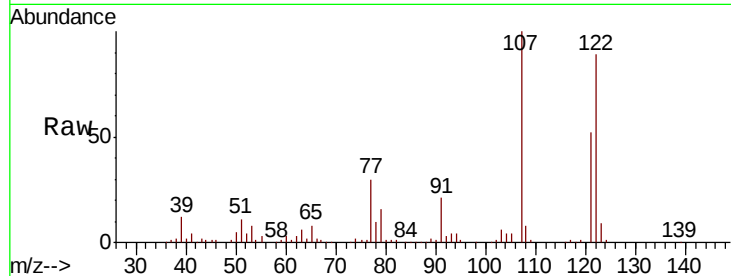
#27
2,4-Dimethylphenol
Concen: 62.843 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		191178		
107	112.3	89.4	134.0		
121	58.6	46.5	69.7		

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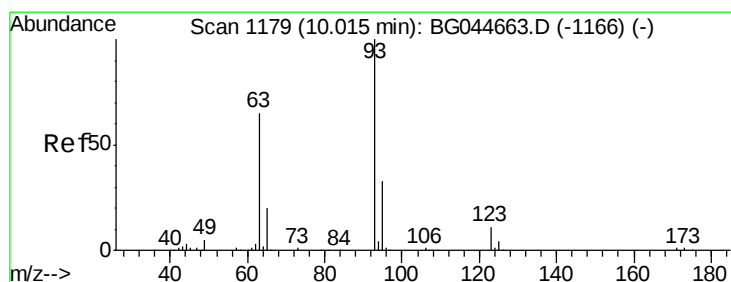
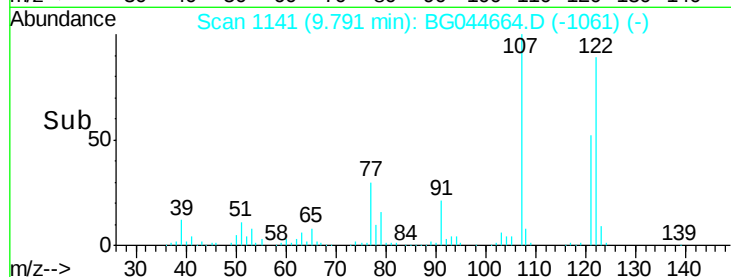
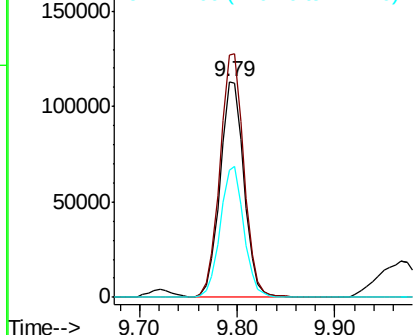


Abundance

Ion 122.00 (121.70 to 122.70): E

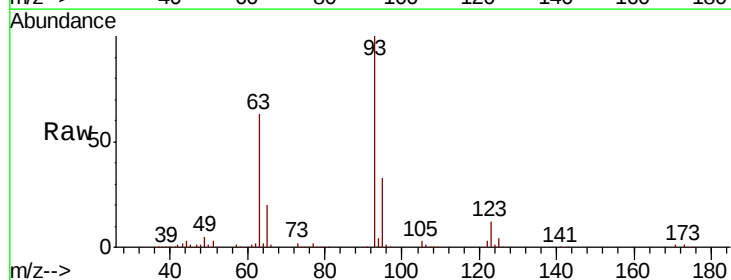
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 48.185 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		245810		
95	33.5	26.5	39.7		
123	12.1	9.7	14.5		

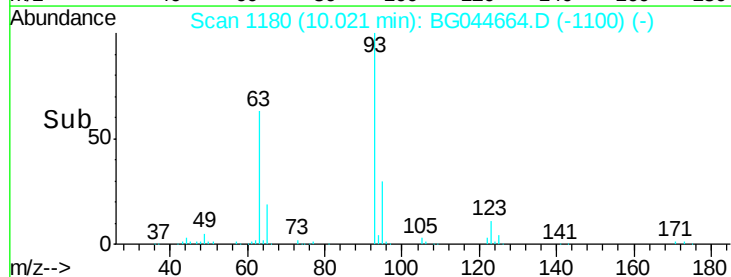
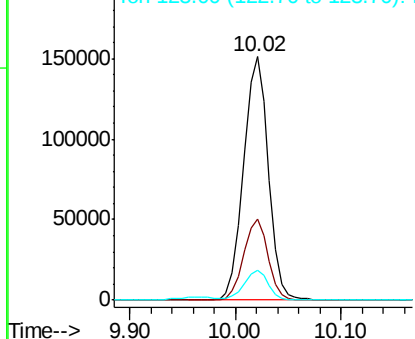


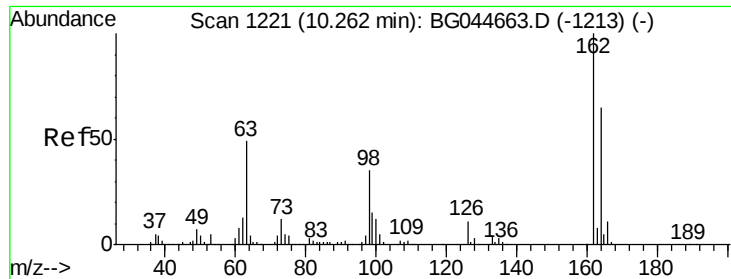
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





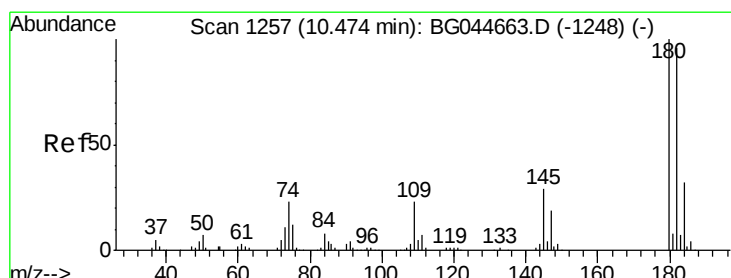
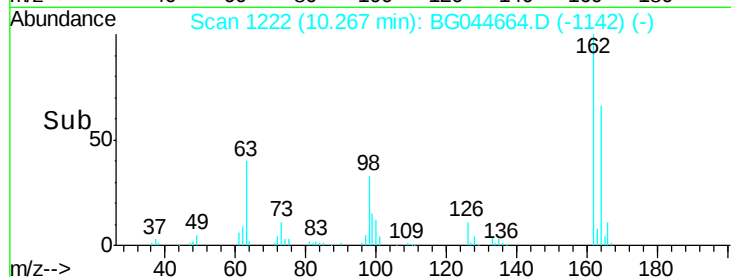
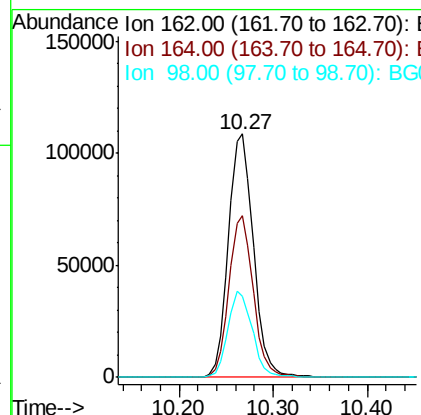
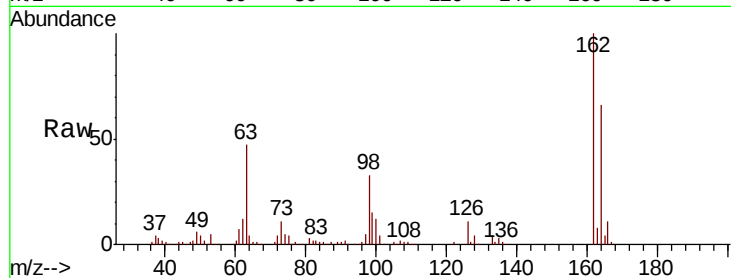
#29
 2,4-Dichlorophenol
 Concen: 55.465 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.06 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Instrument :
 BNA_G
 ClientSampled :
 8270-SPIKE

Tot Ion	Ratio	Resp	Lower	Upper
162	100	201729		
164	66.3	43.2	83.2	
98	33.2	13.2	53.2	

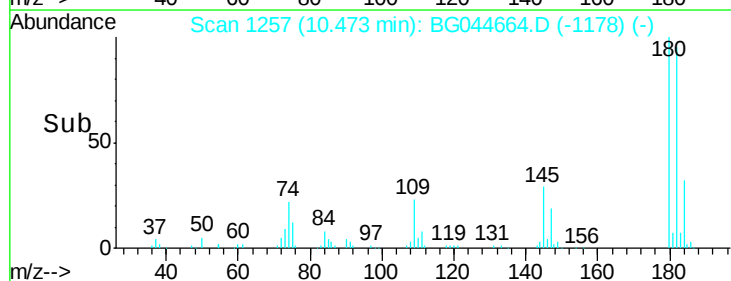
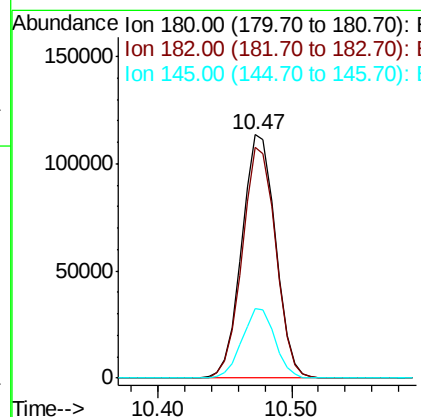
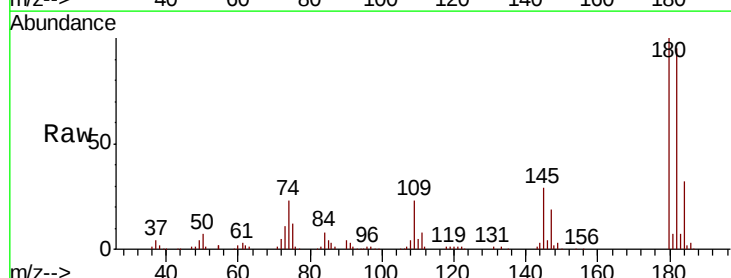
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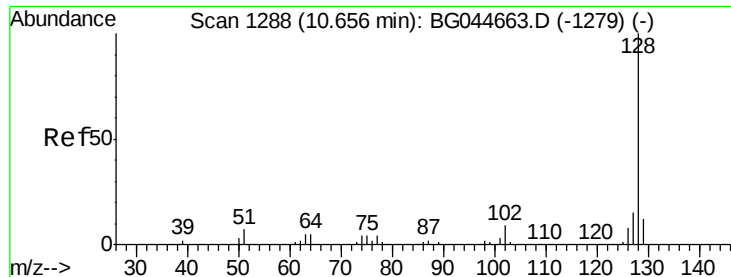
mohammad
 3/4/2020 2:47:25 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.119 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.07 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	198192		
182	94.6	75.6	113.4	
145	28.6	22.2	33.2	





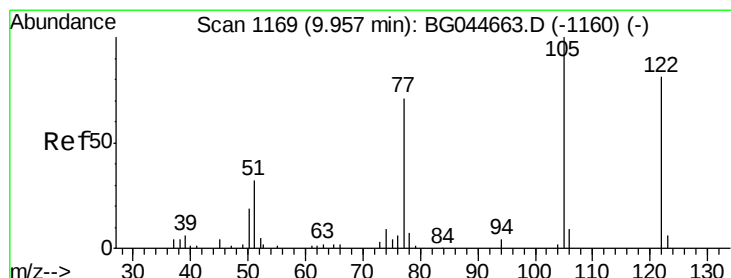
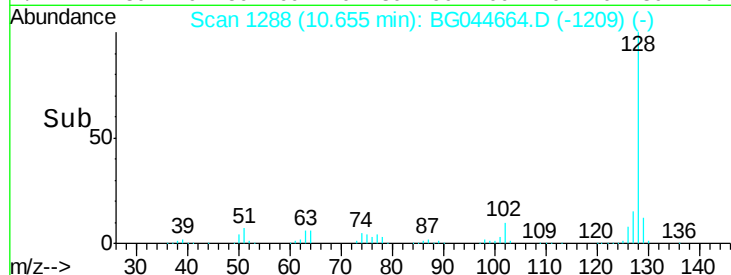
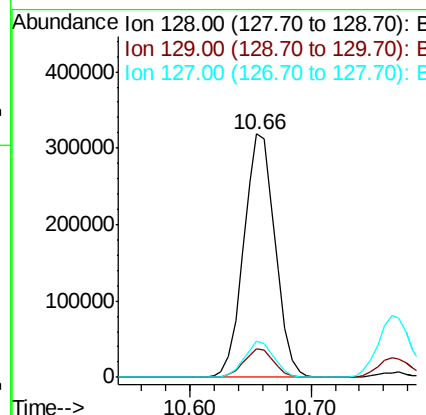
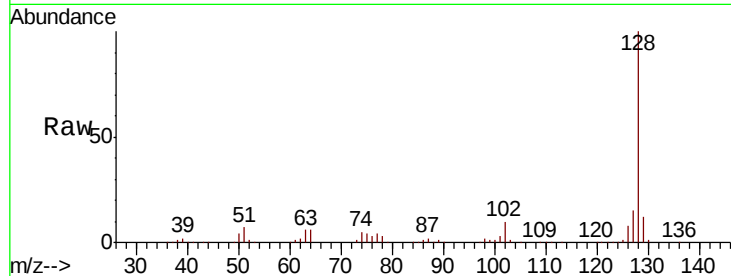
#31
Naphthalene
Concen: 49.569 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.07 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	14.7	11.0	16.4

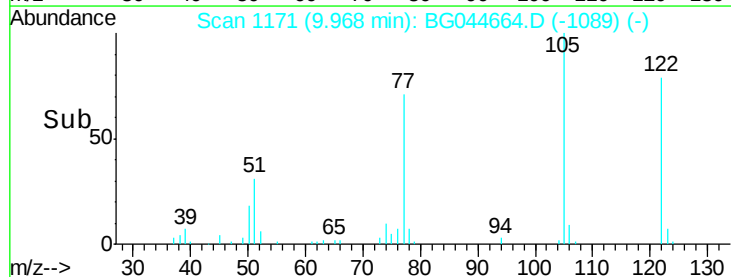
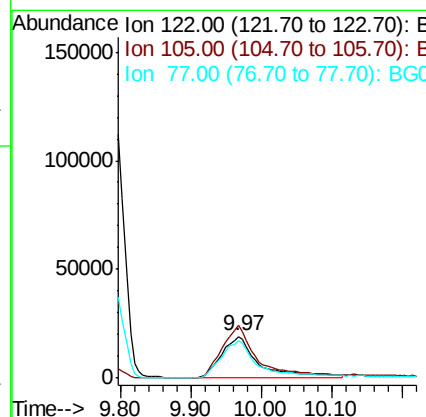
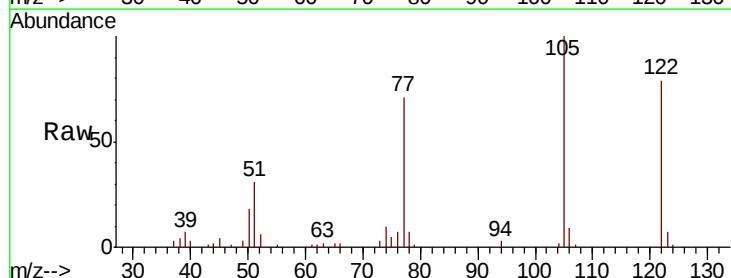
Manual Integrations
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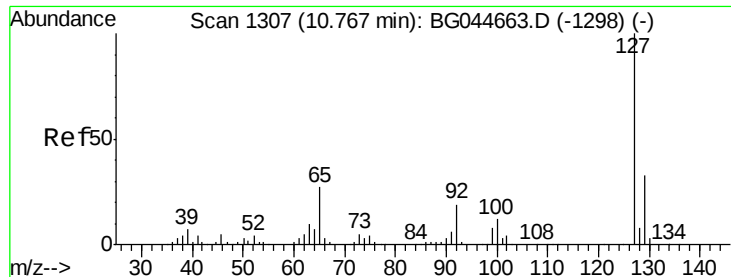
mohammad
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#32
Benzoic acid
Concen: 55.263 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.05 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.9	101.4	141.4
77	88.9	69.8	109.8





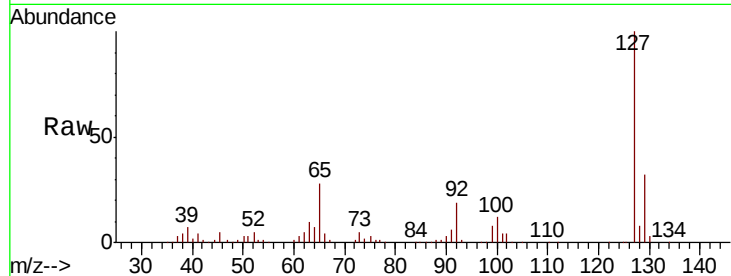
#33
4-Chloroaniline
Concen: 30.568 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.07 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		156075		
129	32.1	25.9	38.9		
65	28.5	20.7	31.1		
92	18.7	14.2	21.2		

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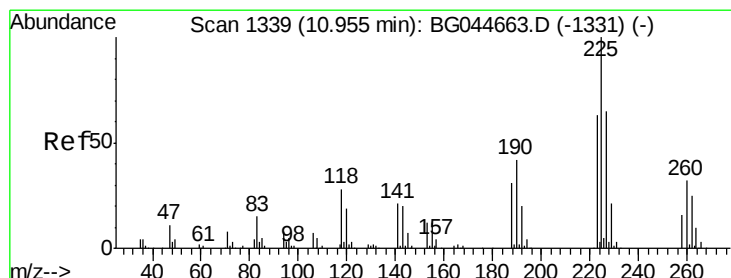
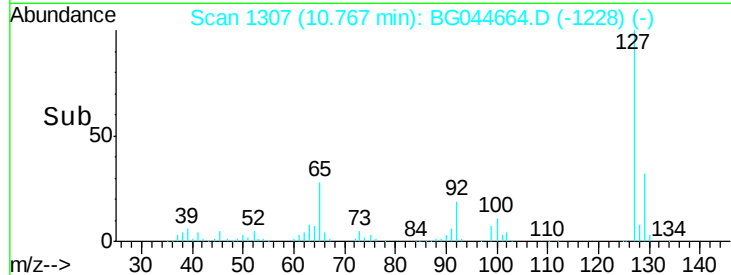
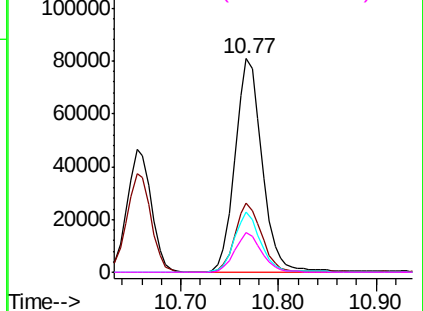
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

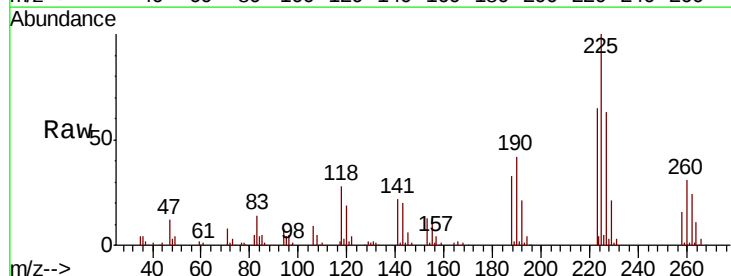
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 44.619 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		117863		
223	65.0	50.6	76.0		
227	63.3	52.1	78.1		

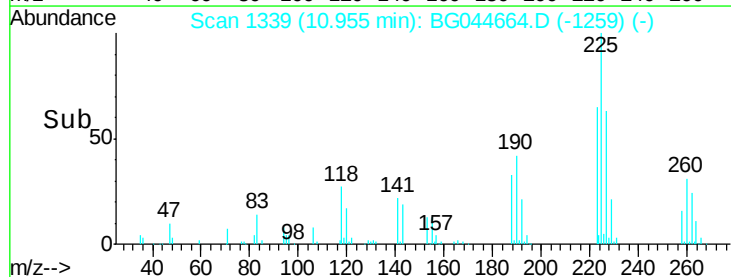
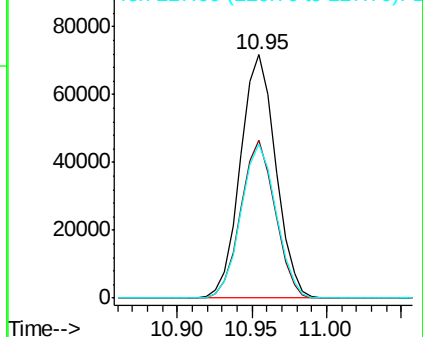


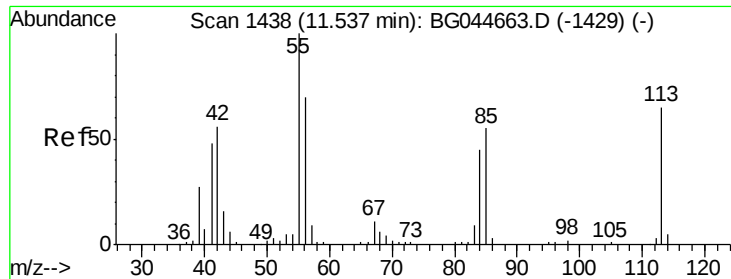
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 55.315 ng/mL

RT: 11.54 min Scan# 1438

Delta R.T. -0.07 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

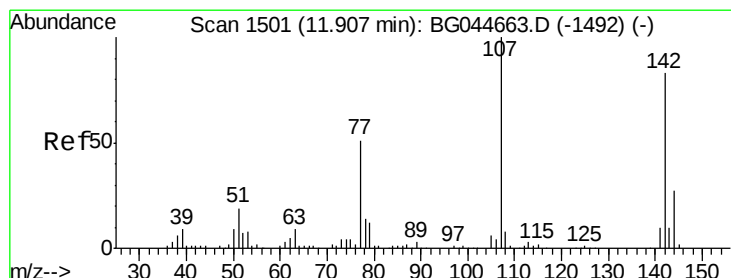
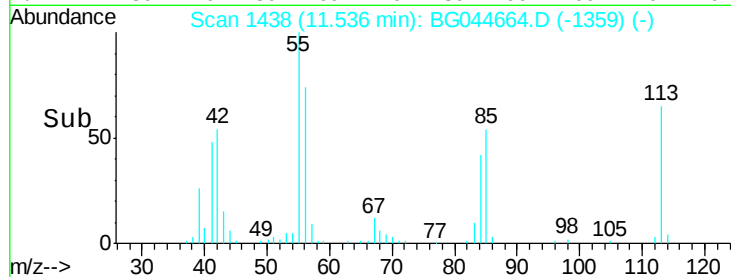
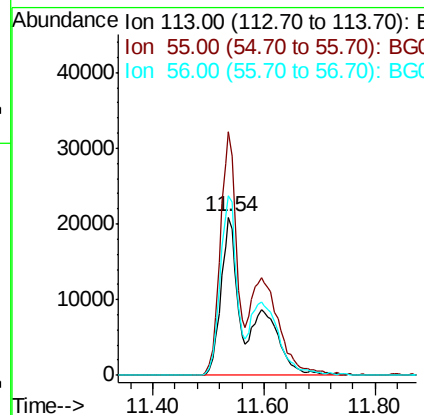
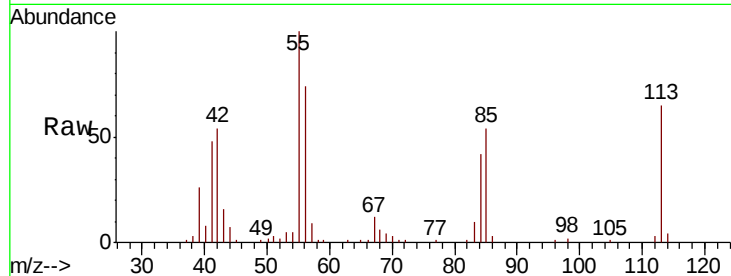
8270-SPIKE

Tot Ion:113 Resp: 72021

Ion	Ratio	Lower	Upper
113	100		
55	153.9	127.8	167.8
56	113.7	86.9	126.9

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 56.496 ng/mL

RT: 11.91 min Scan# 1502

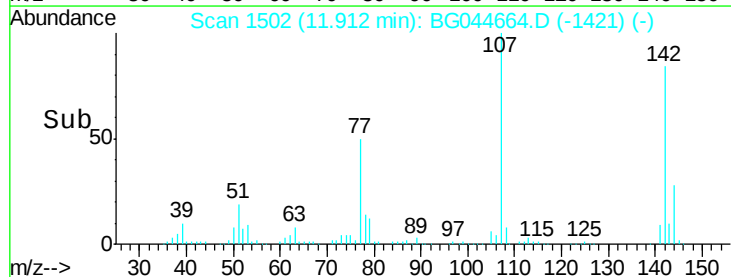
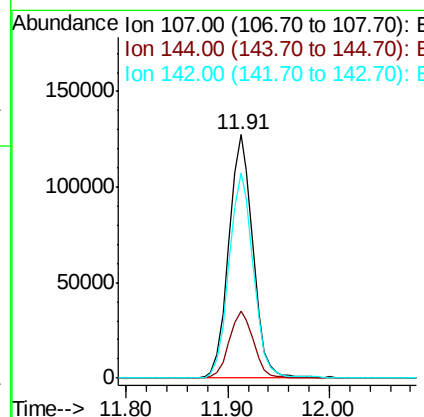
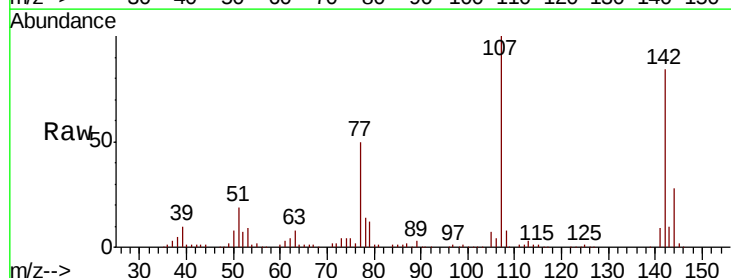
Delta R.T. -0.06 min

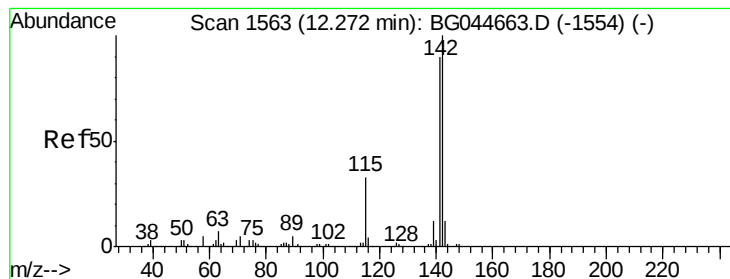
Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Tgt Ion:107 Resp: 211508

Ion	Ratio	Lower	Upper
107	100		
144	27.6	22.3	33.5
142	84.3	69.3	103.9





#37

2-Methylnaphthalene

Concen: 50.251 ng

RT: 12.28 min Scan# 1564

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

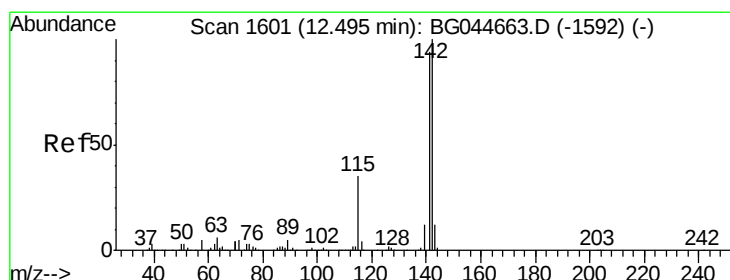
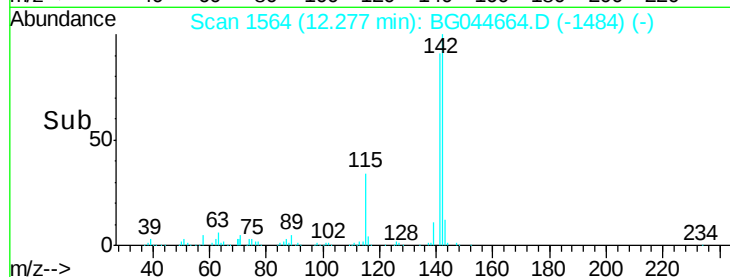
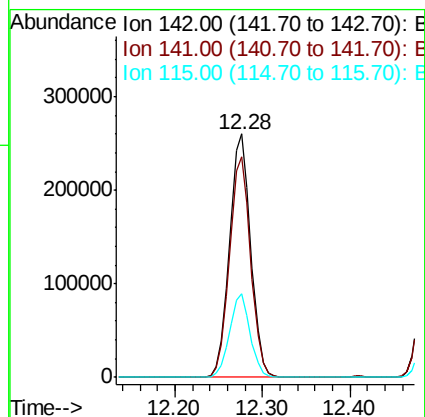
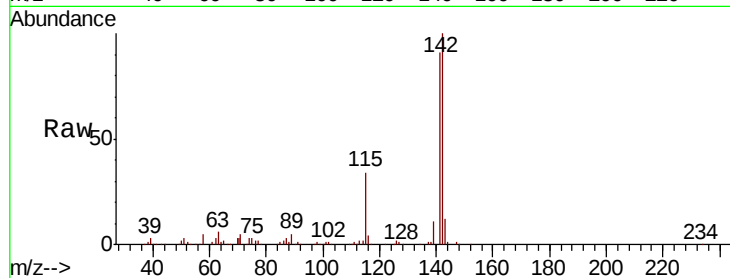
ClientSampleId :

8270-SPIKE

Tot Ion:	142	Resp:	430523
Ion Ratio	Lower	Upper	
142	100		
141	90.7	71.3	106.9
115	34.3	26.2	39.2

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 50.174 ng

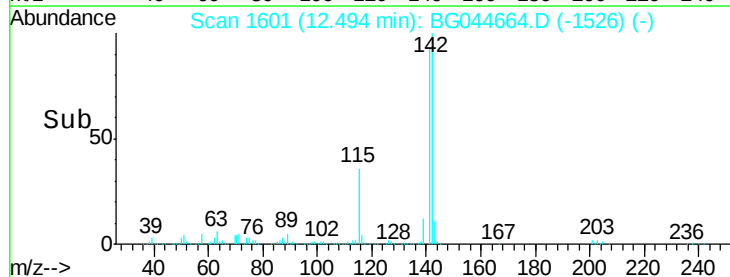
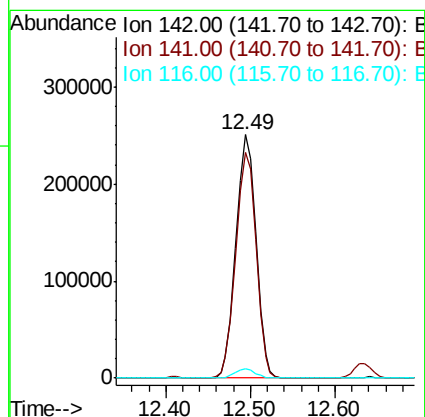
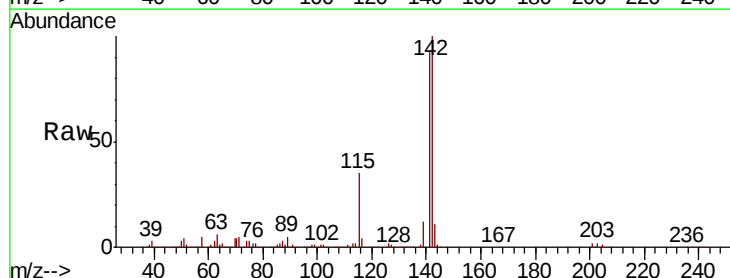
RT: 12.49 min Scan# 1601

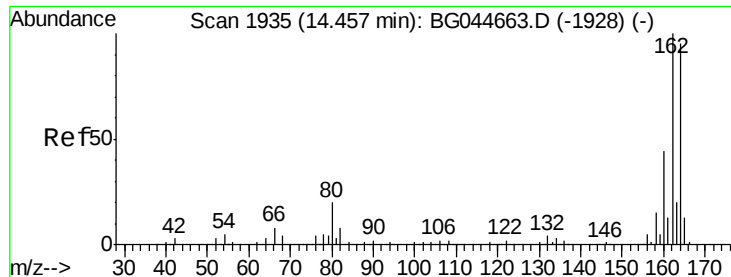
Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Tgt Ion:	142	Resp:	408454
Ion Ratio	Lower	Upper	
142	100		
141	92.9	75.1	112.7
116	3.7	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

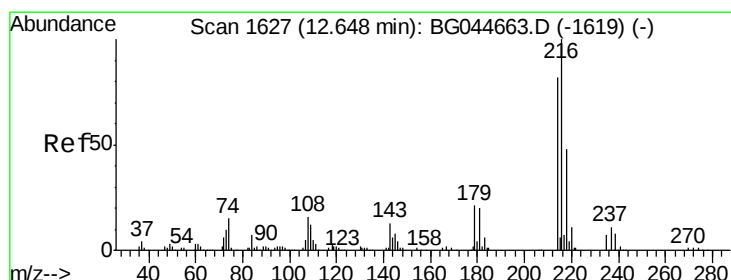
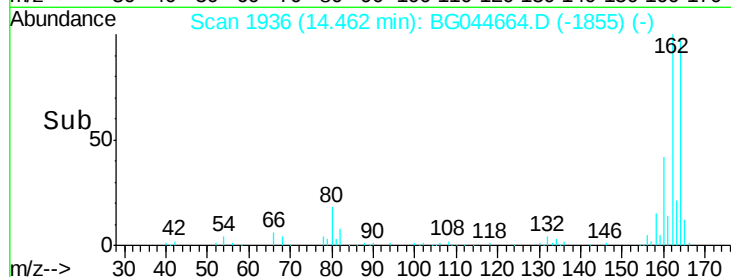
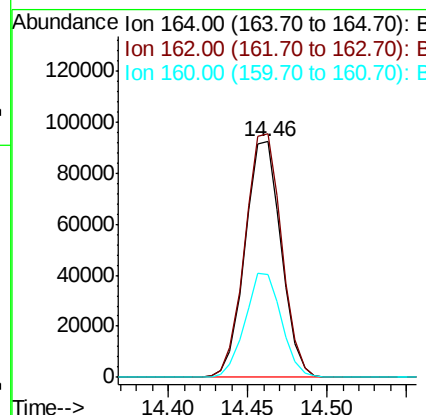
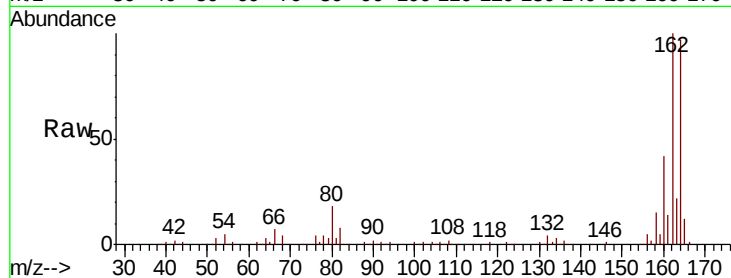
ClientSampleId :

8270-SPIKE

Tot Ion:	164	Resp:	146044
Ion Ratio	Lower	Upper	
164	100		
162	103.3	83.6	125.4
160	43.6	36.2	54.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.290 ng

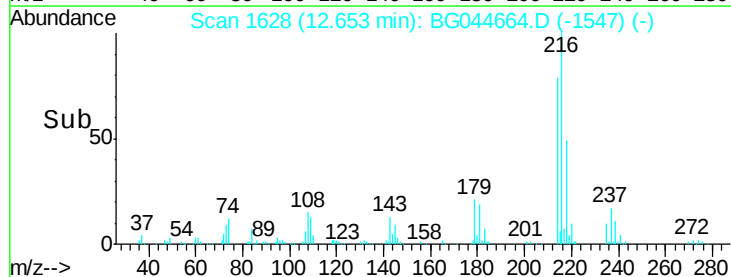
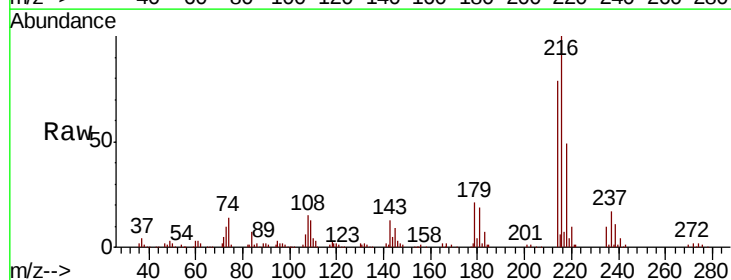
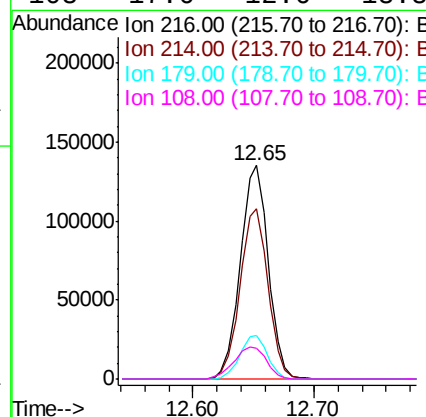
RT: 12.65 min Scan# 1628

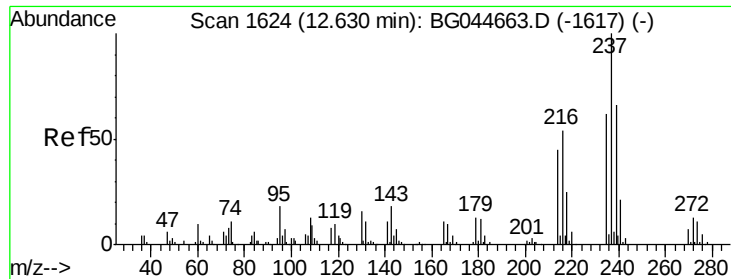
Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Tgt Ion:	216	Resp:	217756
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.3	94.9
179	20.3	16.2	24.2
108	17.6	12.6	18.8





#41

Hexachlorocyclopentadiene

Concen: 89.780 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.05 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

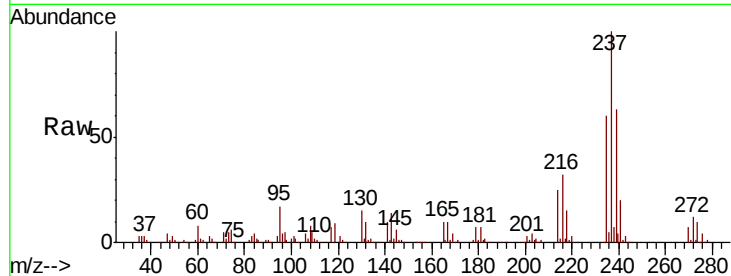
ClientSampleId :

8270-SPIKE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	59.8		40.7	80.7	
272	12.2		0.0	32.7	

Manual Integrations
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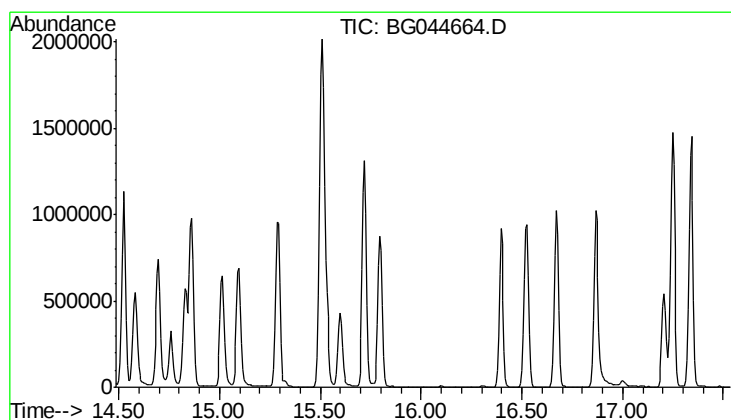
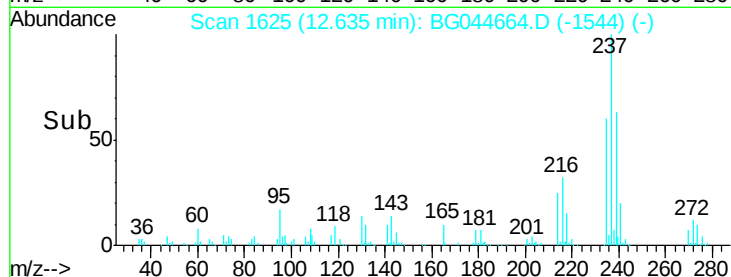
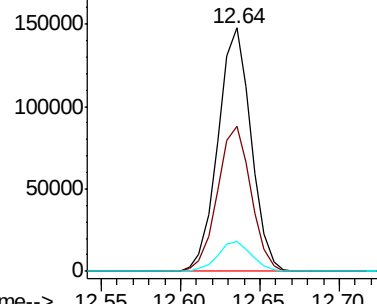


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

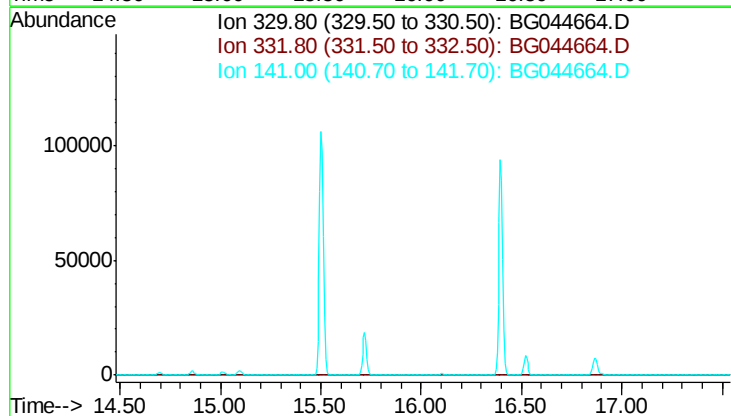
Concen: 0.000 ng

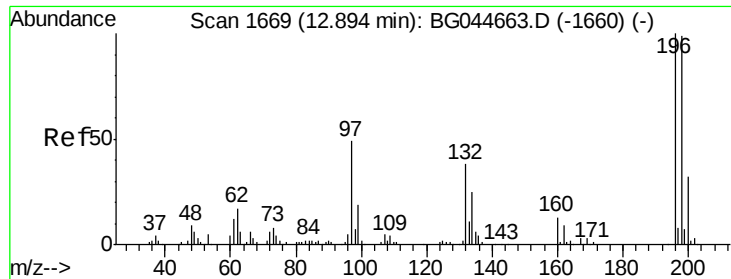
Expected RT: 16.01 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Tgt Ion	Exp Ratio
330	100
332	96.7
141	32.6





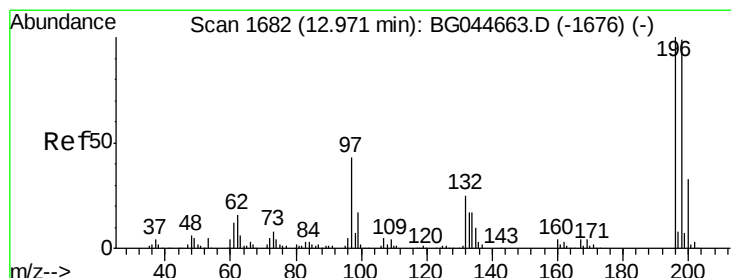
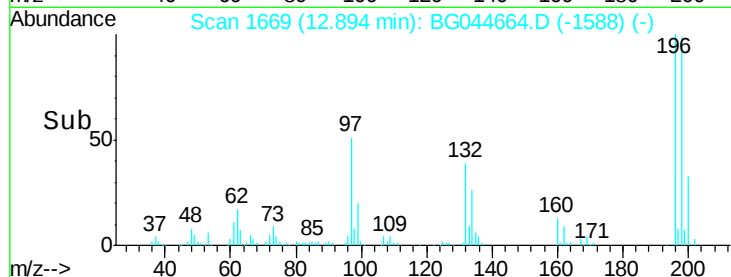
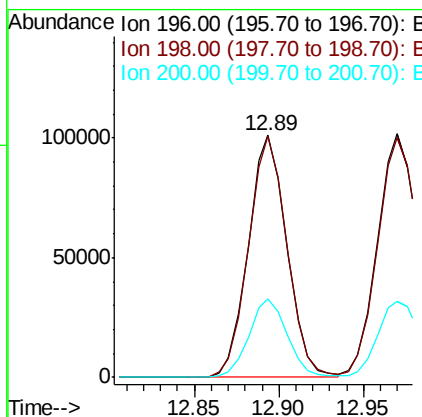
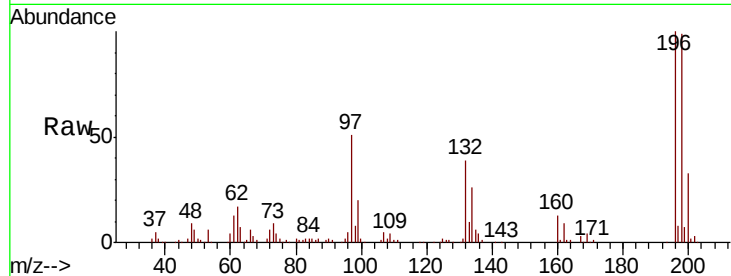
#43
 2,4,6-Trichlorophenol
 Concen: 50.290 ng
 RT: 12.89 min Scan# 1669
 Delta R.T. -0.06 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Instrument :
 BNA_G
 ClientSampled :
 8270-SPIKE

Tot Ion	Ratio	Resp	Lower	Upper
196	100	160544		
198	99.4	79.2	118.8	
200	32.6	25.7	38.5	

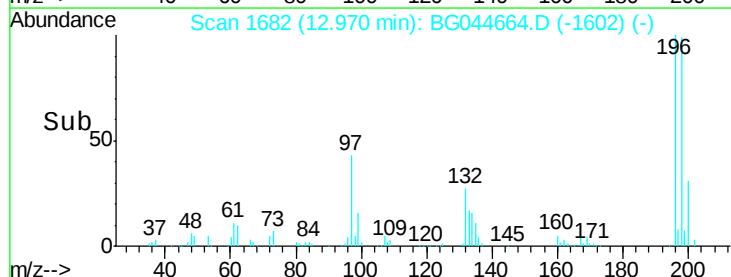
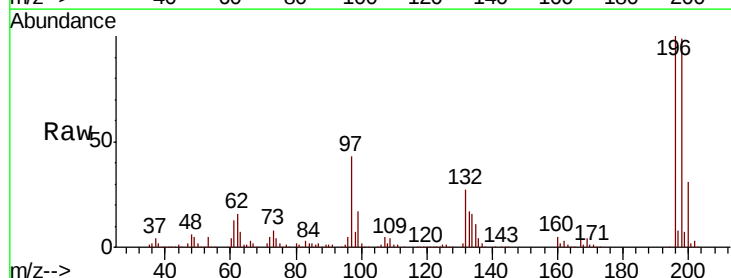
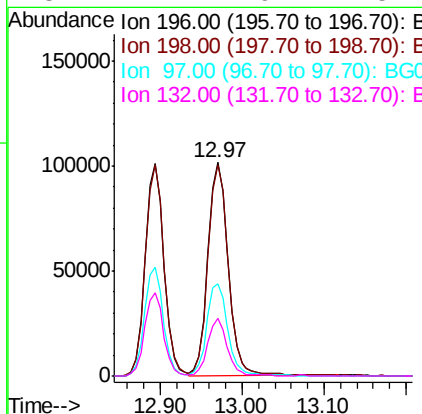
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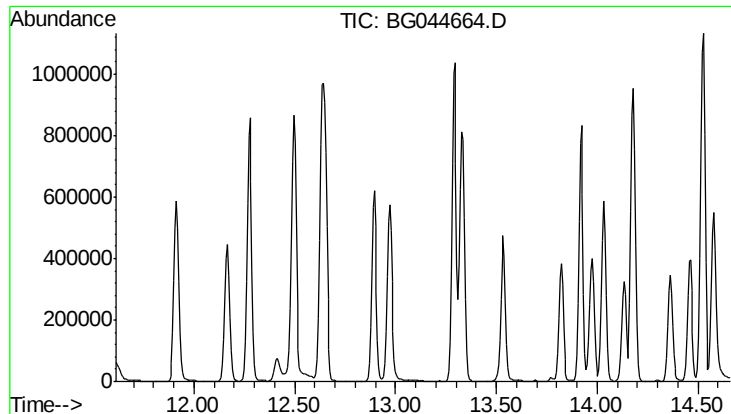
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 53.871 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.06 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176663		
198	98.7	79.3	118.9	
97	43.4	32.3	48.5	
132	27.1	19.1	28.7	





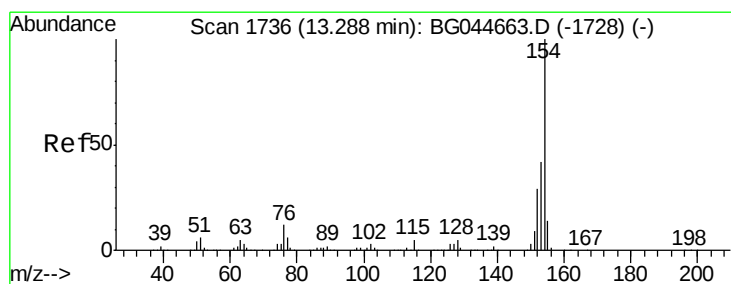
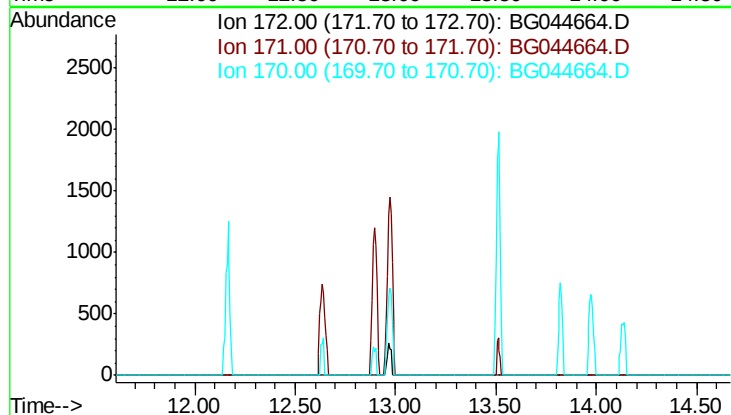
#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.14 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Instrument :
 BNA_G
 ClientSampleId :
 8270-SPIKE

Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 39.1
 170 26.2

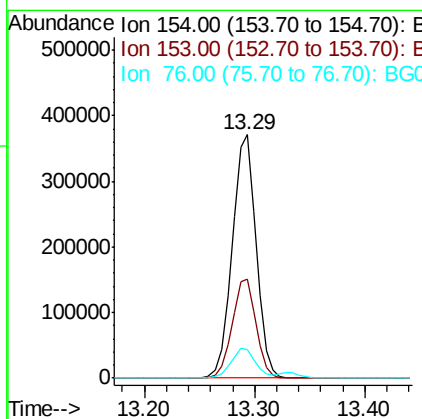
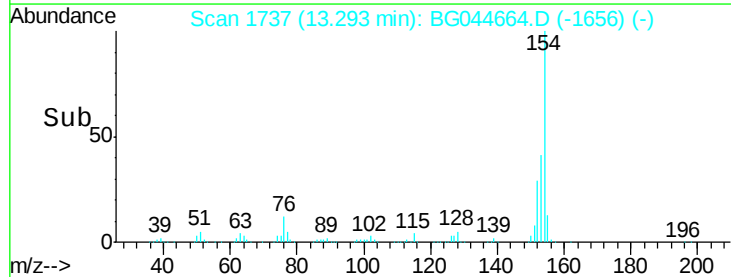
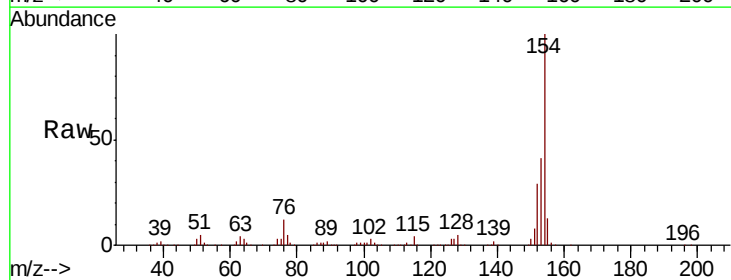
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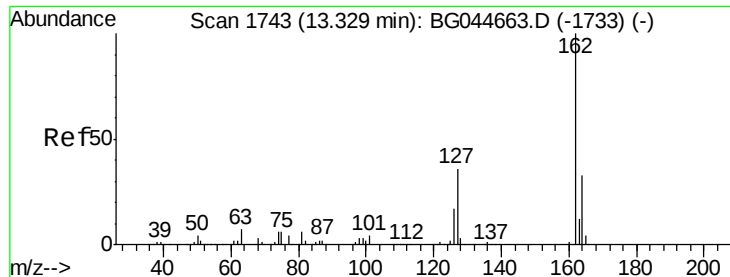
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#46
 1,1'-Biphenyl
 Concen: 46.494 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.06 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Tgt Ion:154 Resp: 561913
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.2 60.2
 76 11.9 0.0 31.8





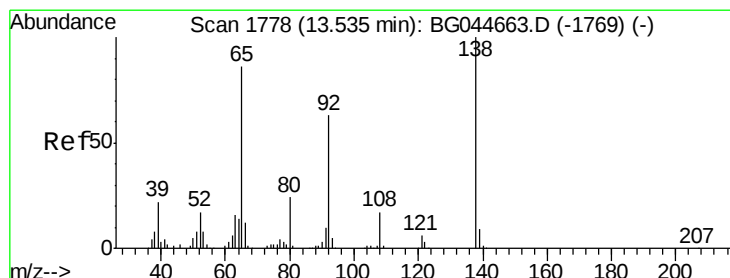
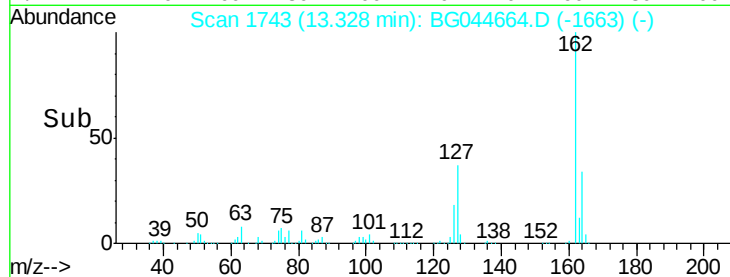
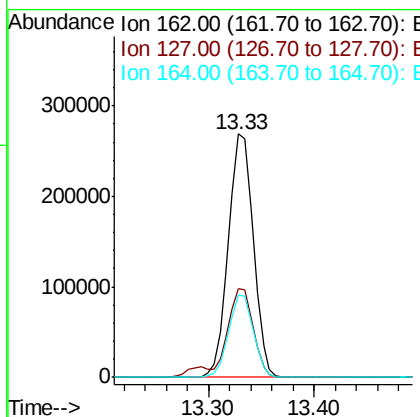
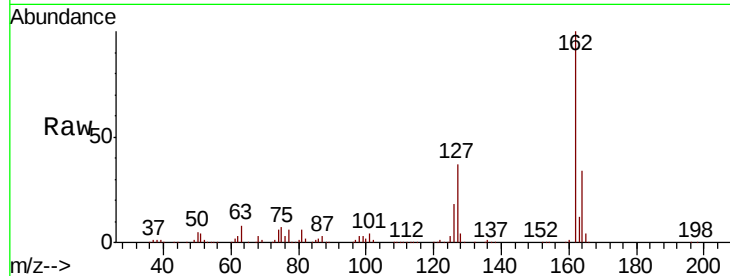
#47
2-Chloronaphthalene
Concen: 46.266 ng
RT: 13.33 min Scan# 1743
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	28.7	43.1
164	33.7	27.3	40.9

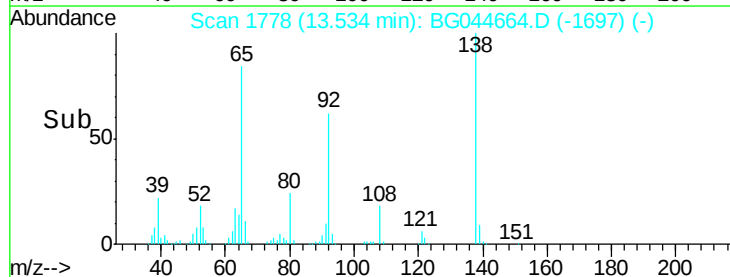
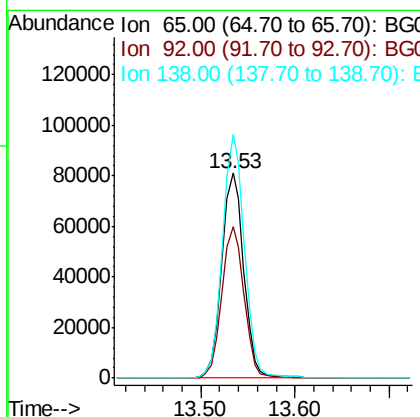
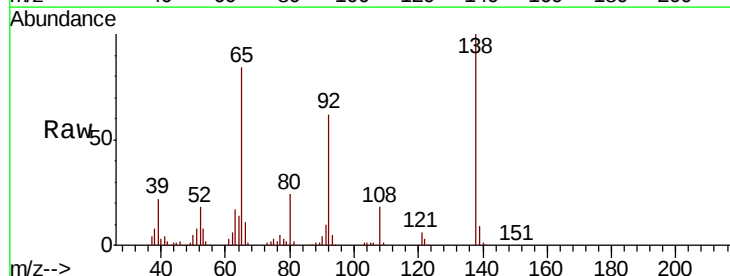
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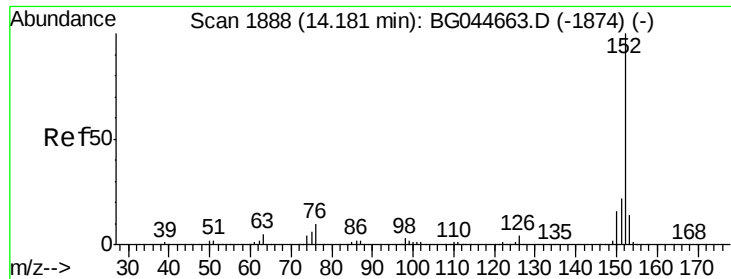
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#48
2-Nitroaniline
Concen: 50.877 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	62.2	93.2
138	118.8	97.6	146.4





#49

Acenaphthylene

Concen: 49.934 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

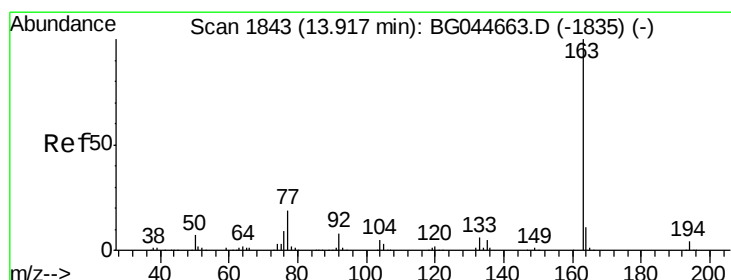
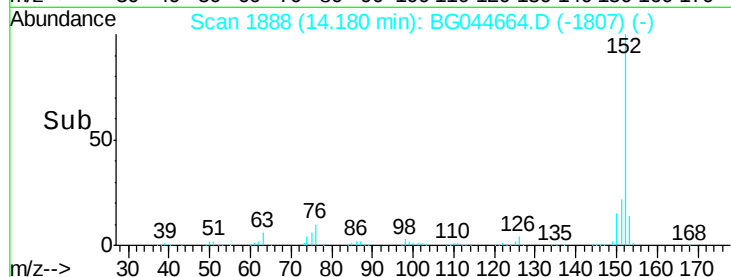
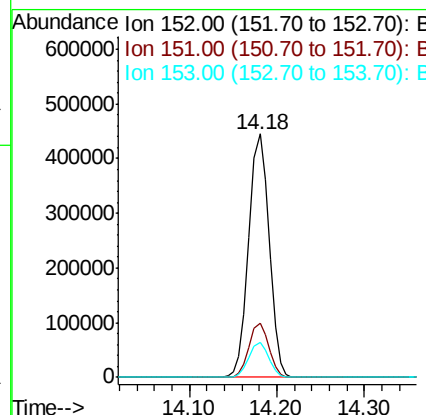
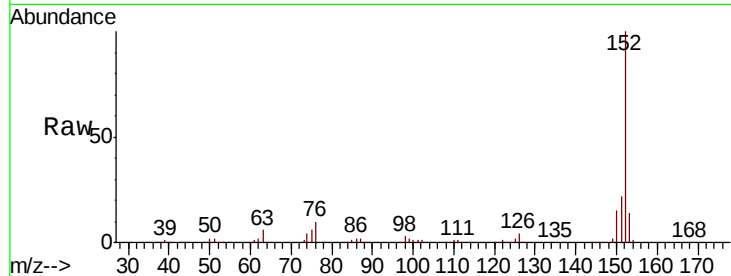
ClientSampleId :

8270-SPIKE

Tot Ion:	152	Resp:	698550
Ion Ratio		Lower	Upper
152	100		
151	22.4	17.7	26.5
153	14.3	11.3	16.9

Manual Integrations
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#50

Dimethylphthalate

Concen: 49.405 ng

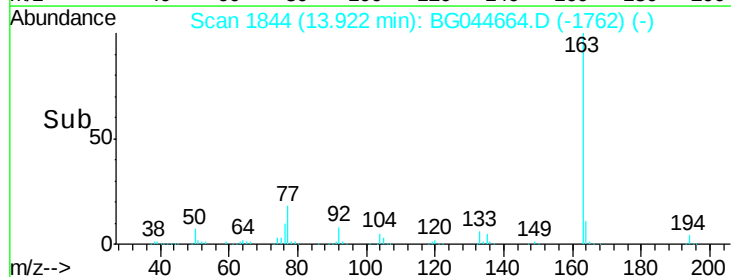
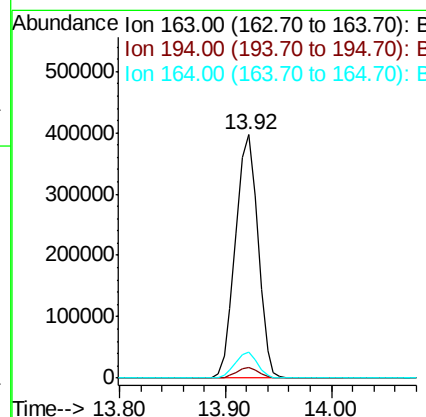
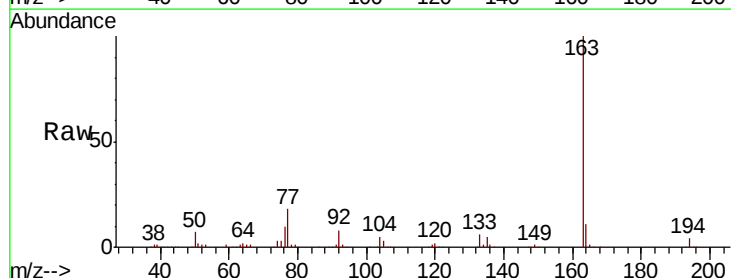
RT: 13.92 min Scan# 1844

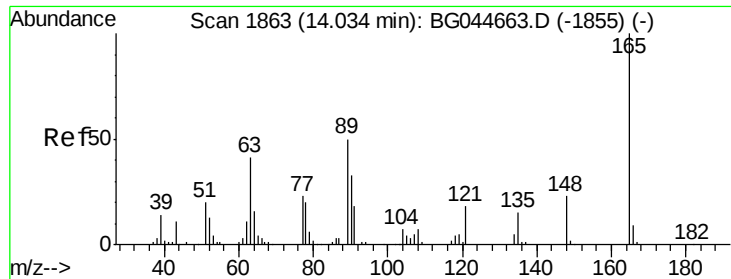
Delta R.T. -0.05 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Tgt Ion:	163	Resp:	582370
Ion Ratio		Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.6	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 51.119 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

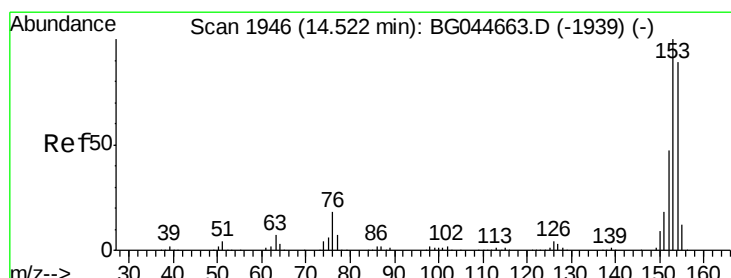
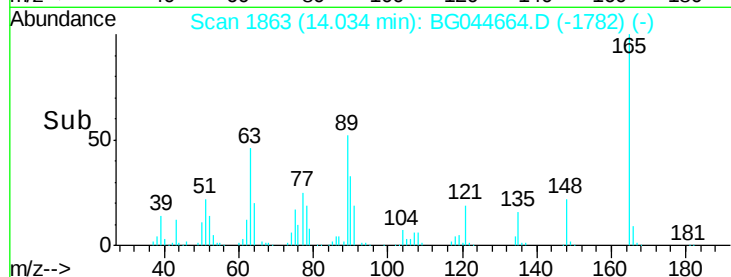
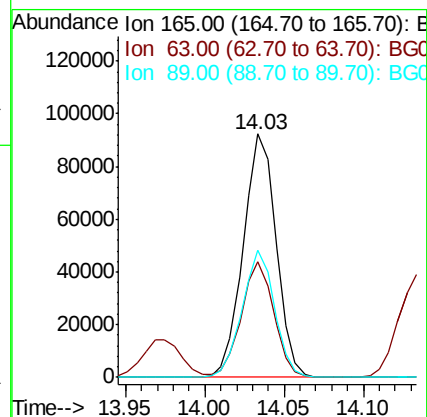
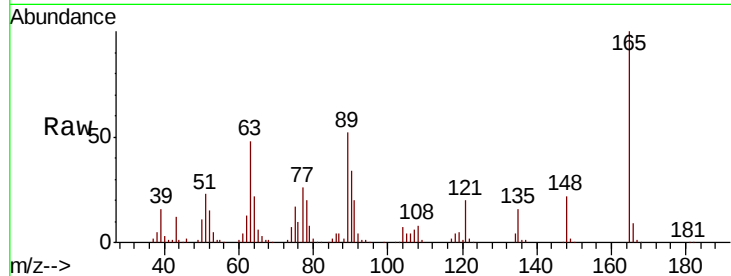
ClientSampleId :

8270-SPIKE

Tot Ion:	165	Resp:	132895
Ion Ratio	Lower	Upper	
165	100		
63	47.6	35.8	53.6
89	52.4	38.7	58.1

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#52

Acenaphthene

Concen: 48.069 ng

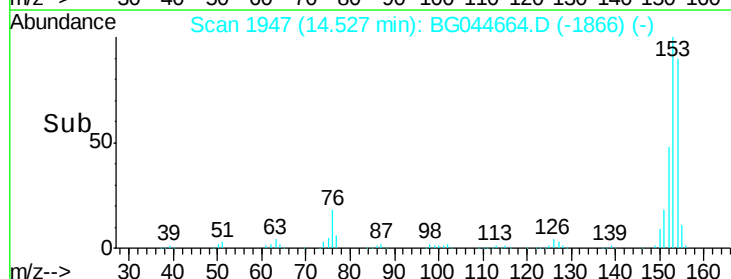
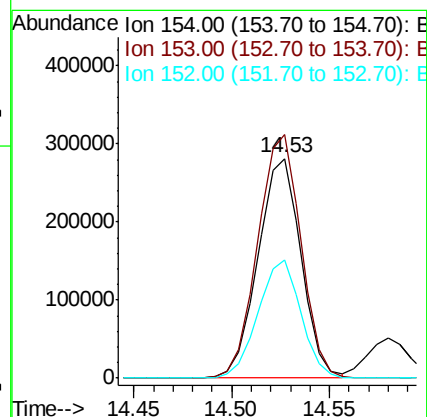
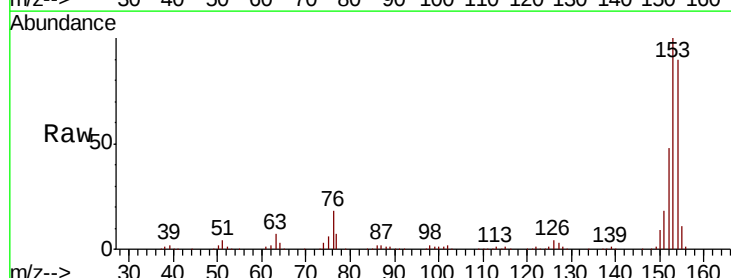
RT: 14.53 min Scan# 1947

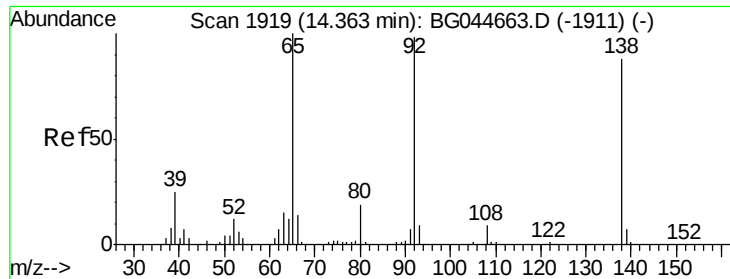
Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Tgt Ion:	154	Resp:	428664
Ion Ratio	Lower	Upper	
154	100		
153	110.9	89.4	134.0
152	53.6	43.0	64.4





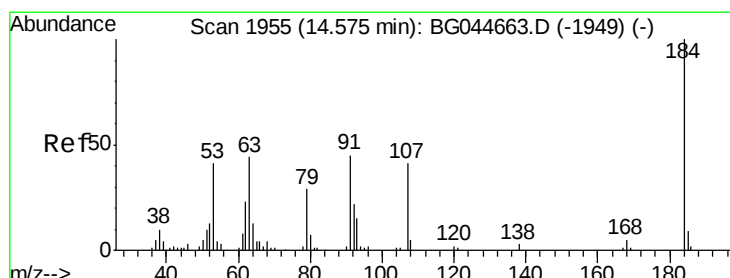
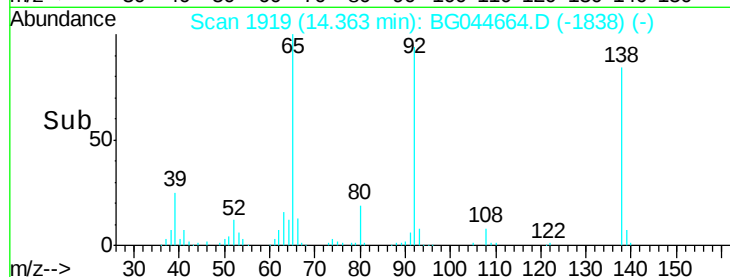
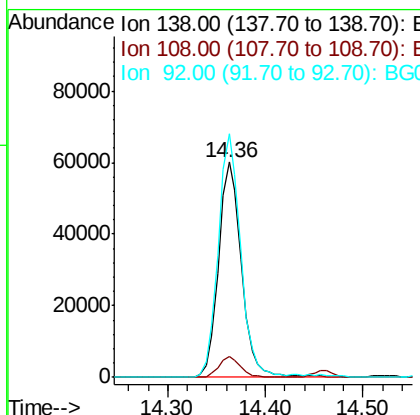
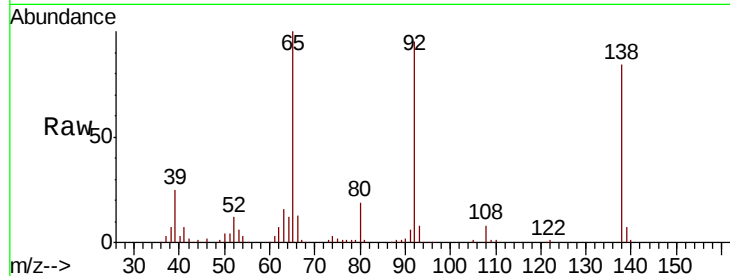
#53
3-Nitroaniline
Concen: 34.842 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	113.1	87.4	131.2

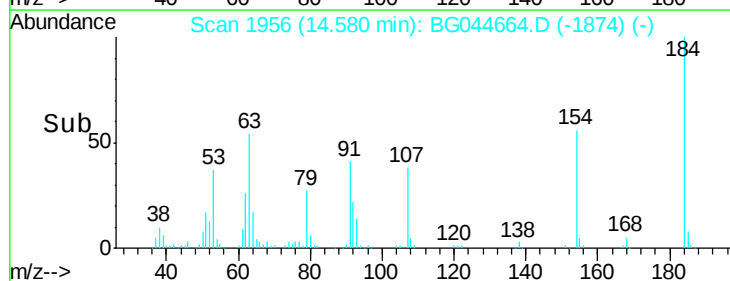
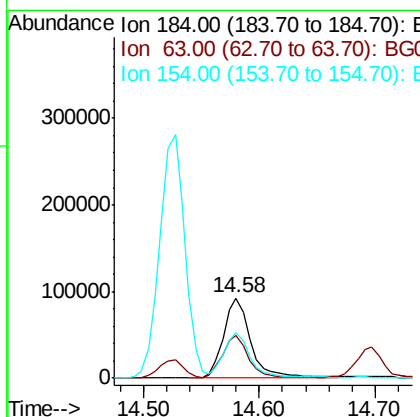
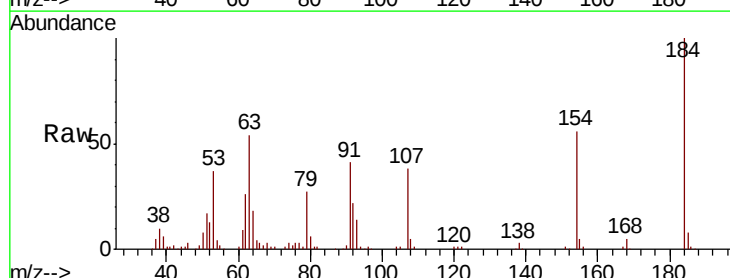
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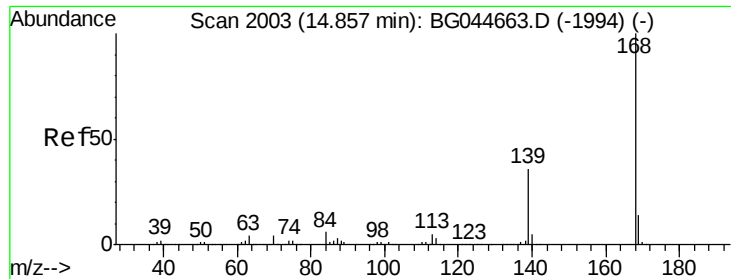
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#54
2,4-Dinitrophenol
Concen: 96.343 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.05 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.7	42.1	63.1
154	56.1	43.4	65.2





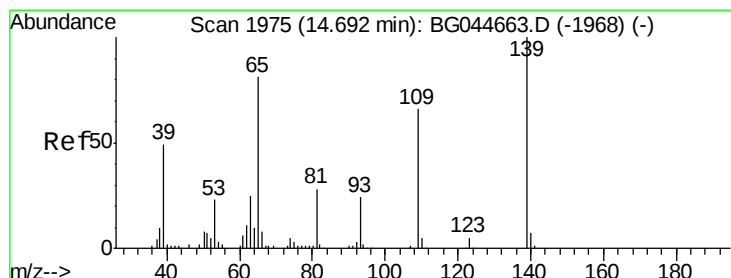
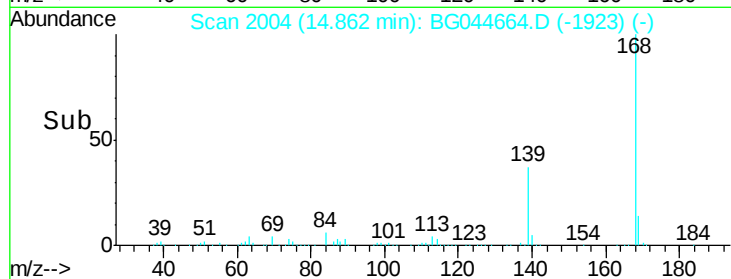
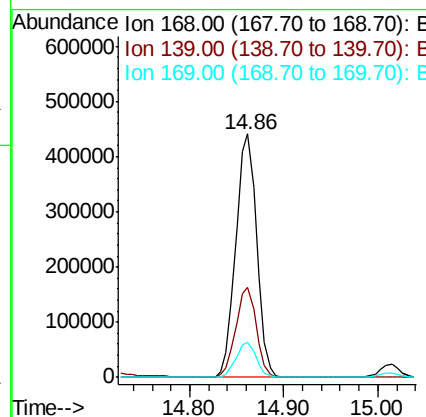
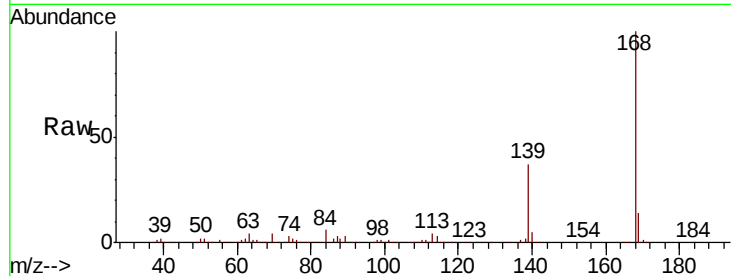
#55
Dibenzofuran
Concen: 49.716 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.2	43.8
169	14.4	11.0	16.6

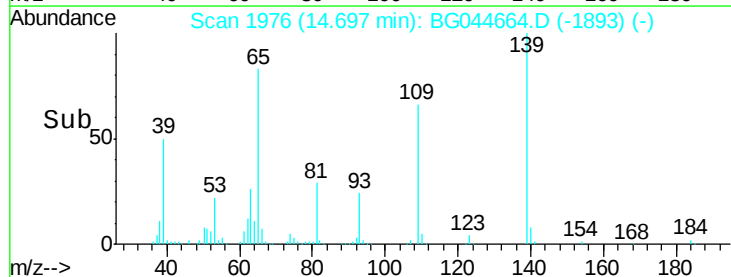
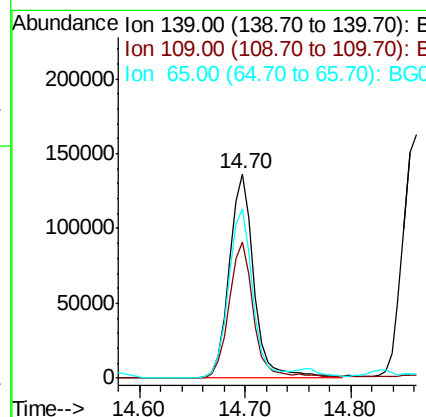
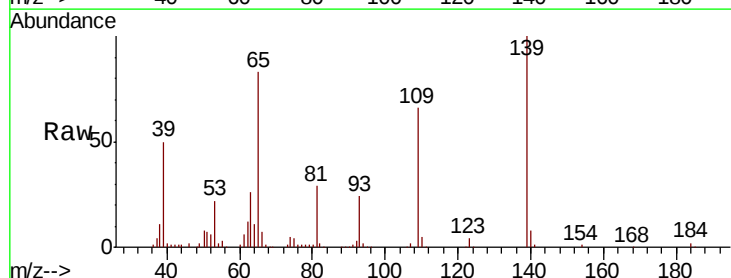
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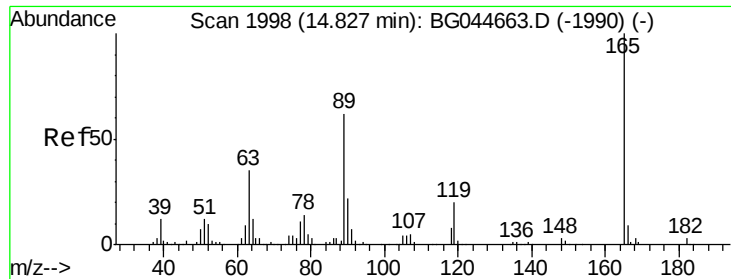
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#56
4-Nitrophenol
Concen: 114.763 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.04 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.4	43.8	83.8
65	82.7	63.6	103.6





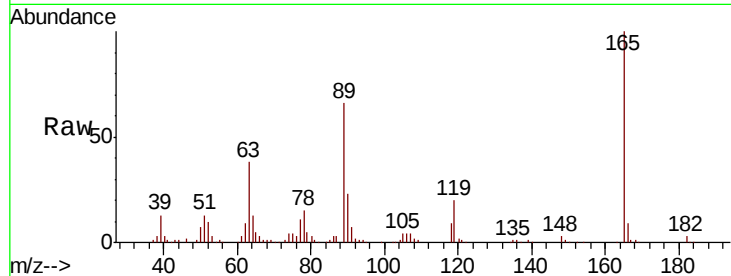
#57
2,4-Dinitrotoluene
Concen: 51.934 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

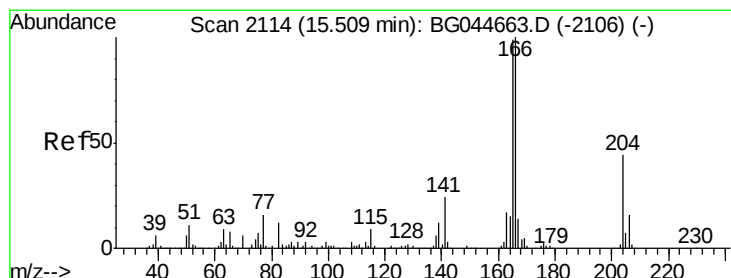
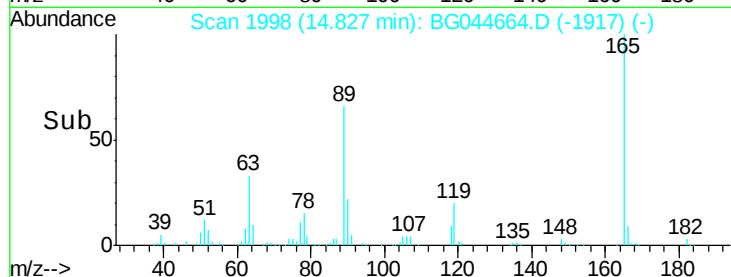
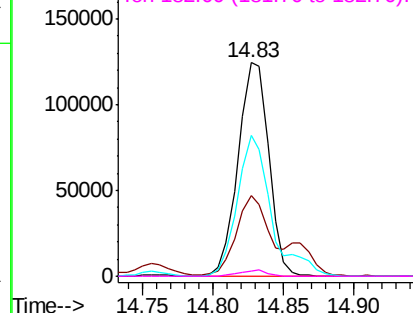
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		189820		
63	37.8	27.5	41.3		
89	66.1	50.0	75.0		
182	2.6	2.3	3.5		

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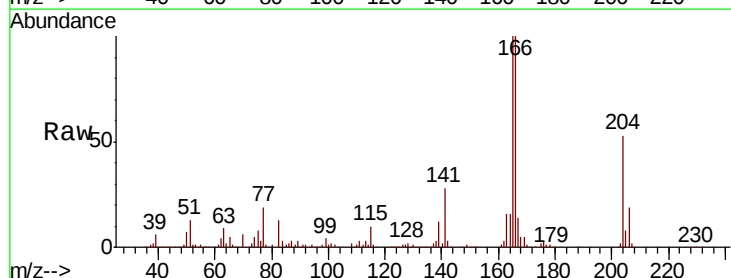


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

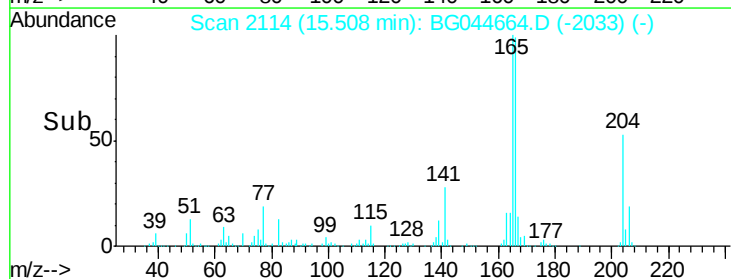
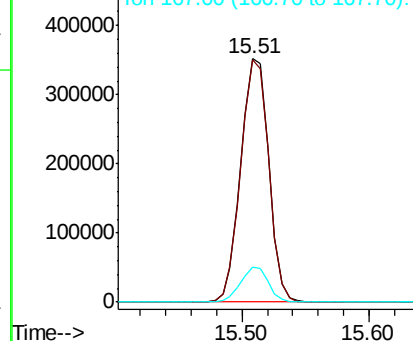


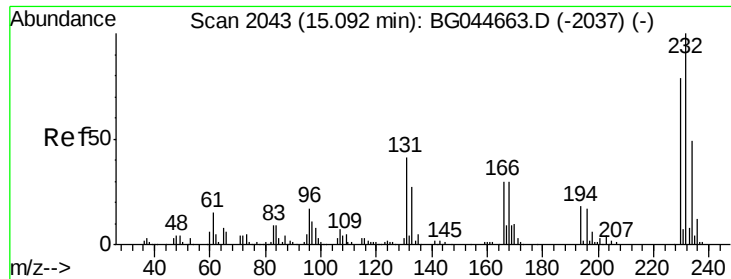
#58
Fluorene
Concen: 49.654 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		538237		
165	99.6	79.2	118.8		
167	14.2	11.7	17.5		



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





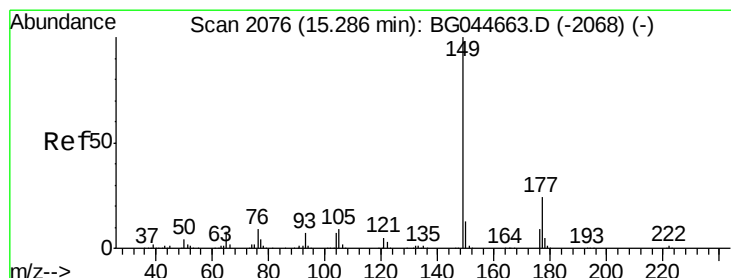
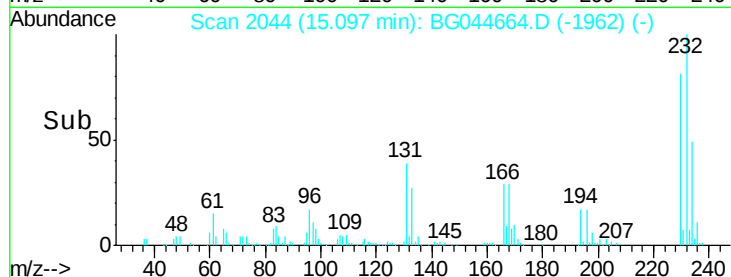
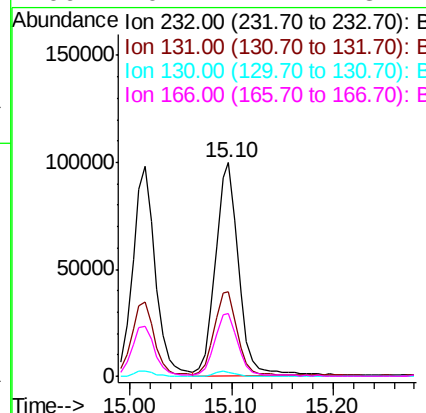
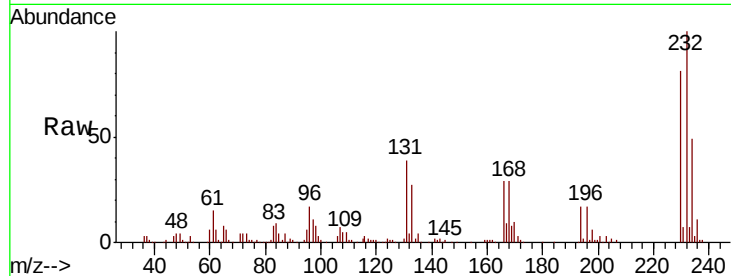
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.949 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.05 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Resp	Lower	Upper
232	100	156880		
131	40.4	31.8	47.6	
130	2.2	1.8	2.6	
166	29.4	22.7	34.1	

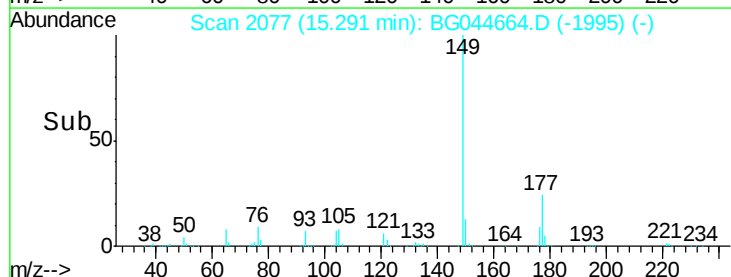
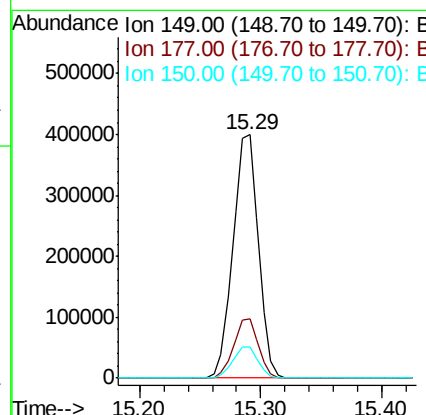
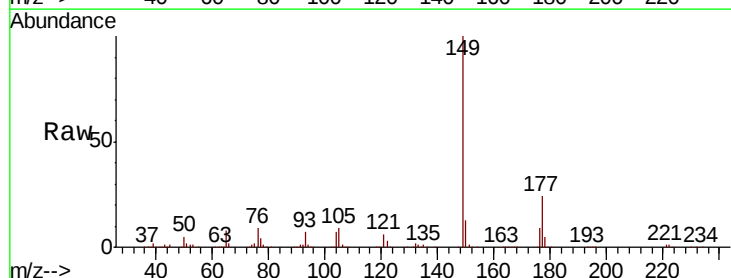
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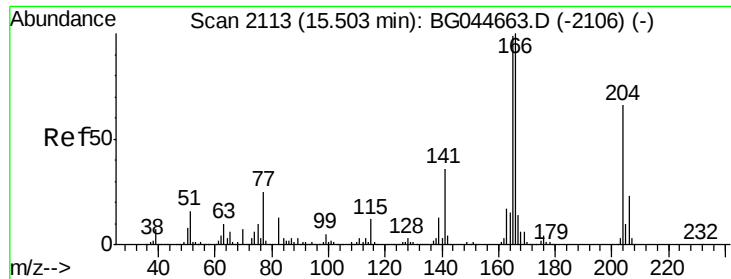
mohammad
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#60
Diethylphthalate
Concen: 50.064 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.05 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	584729		
177	24.4	19.2	28.8	
150	12.8	10.2	15.4	





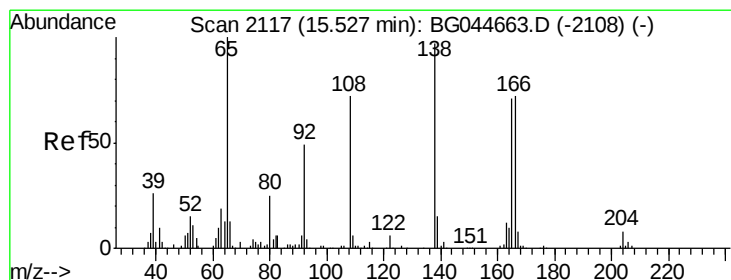
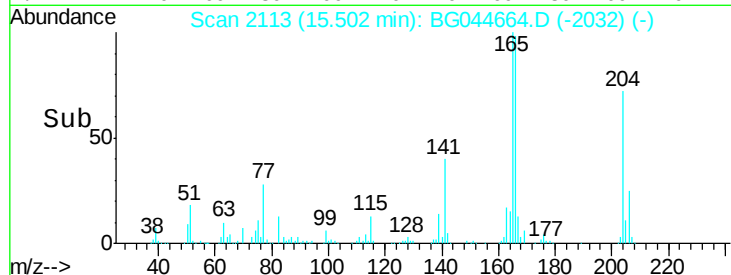
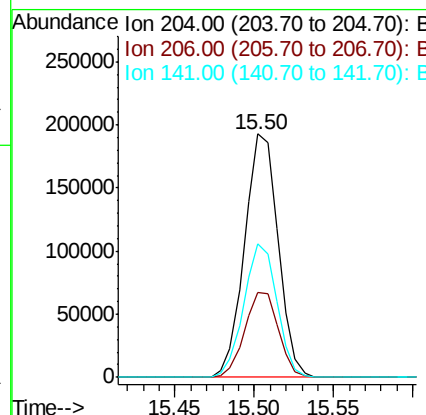
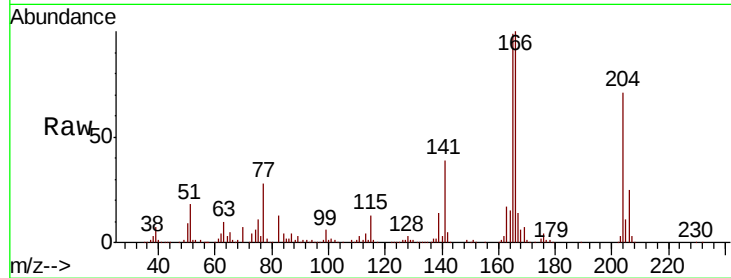
#61
4-Chlorophenyl-phenylether
Concen: 48.045 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampled :
8270-SPIKE

Tot Ion	Ratio	Resp	Lower	Upper
204	100	283166		
206	35.0		27.8	41.8
141	55.0		43.8	65.8

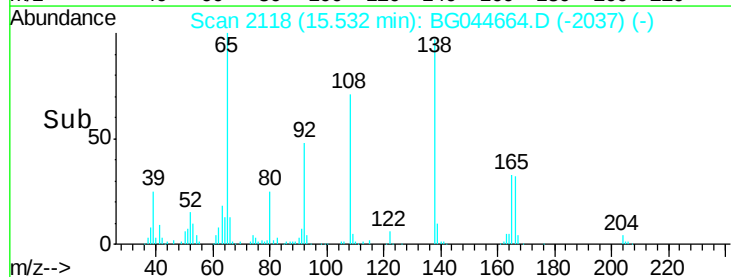
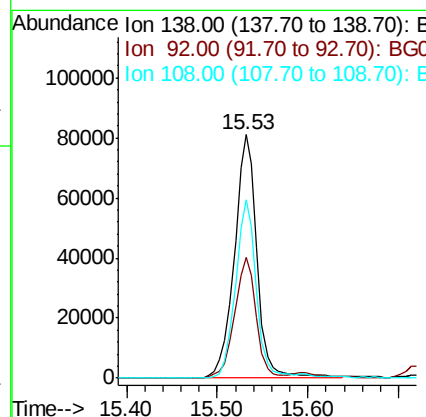
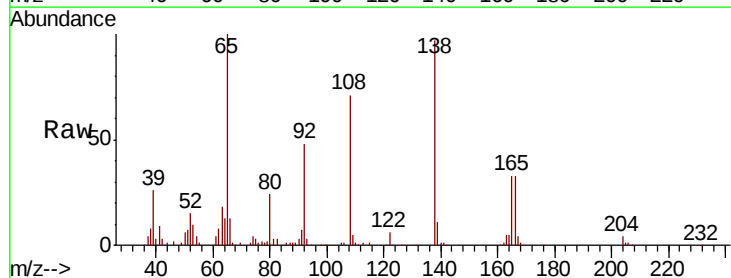
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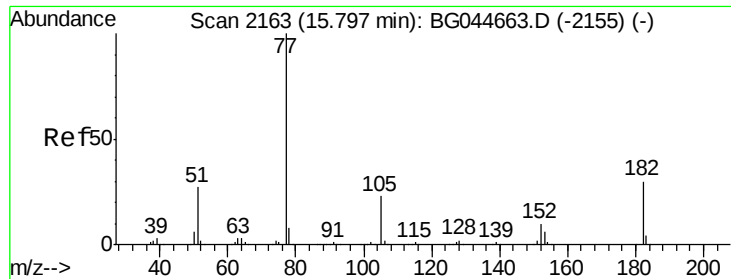
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#62
4-Nitroaniline
Concen: 50.290 ng
RT: 15.53 min Scan# 2118
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	141185		
92	49.5		26.4	66.4
108	73.5		50.5	90.5





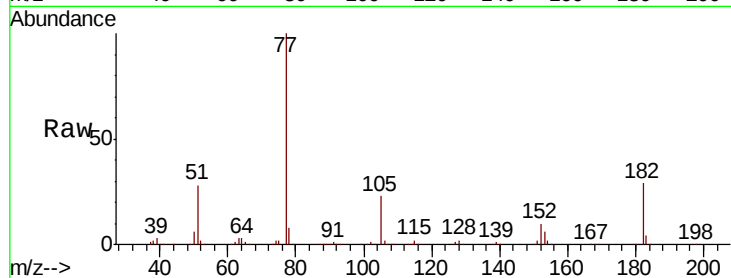
#63
Azobenzene
Concen: 51.978 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

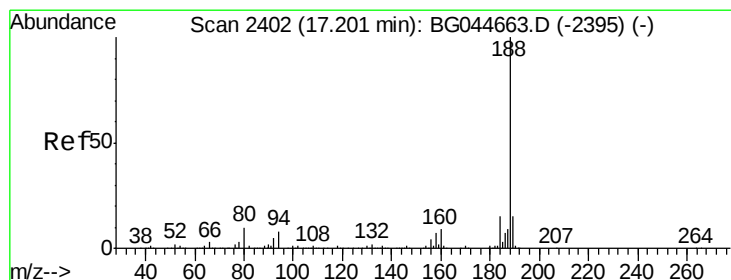
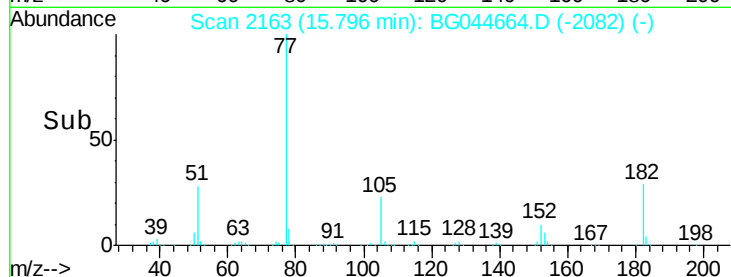
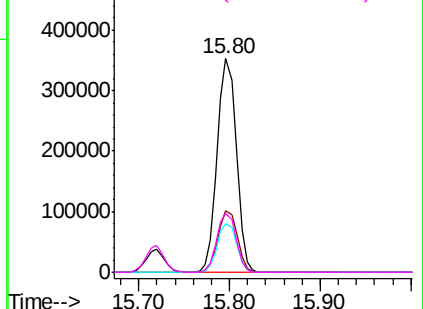
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		516662		
182	28.6	9.4	49.4		
105	22.7	3.4	43.4		
51	27.7	6.4	46.4		

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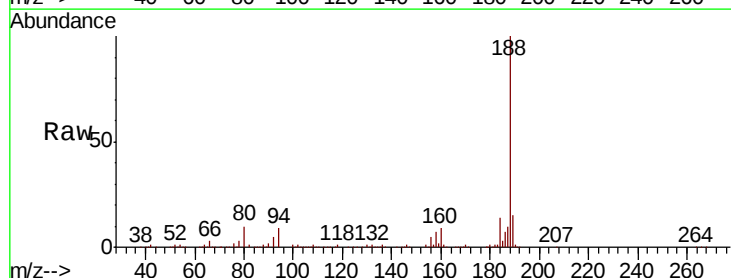


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

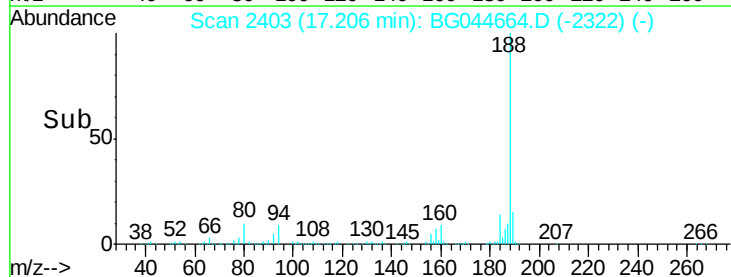
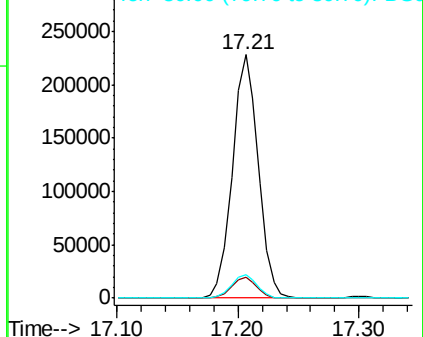


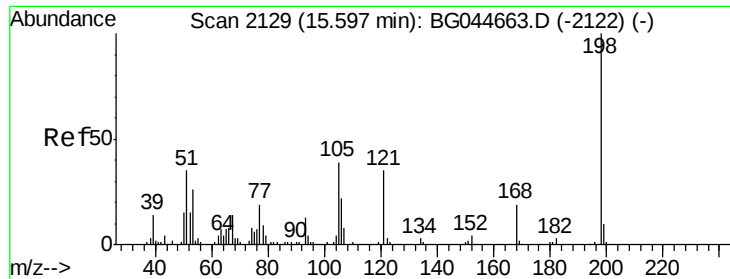
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2403
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		339555		
94	8.6	6.7	10.1		
80	9.6	7.6	11.4		



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





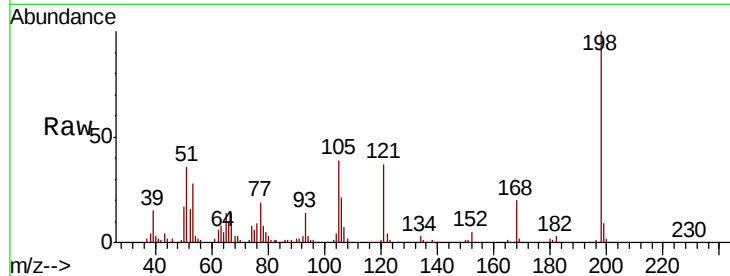
#65
4,6-Dinitro-2-methylphenol
Concen: 55.733 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.05 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

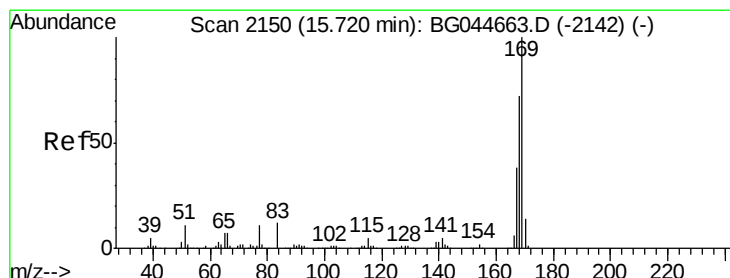
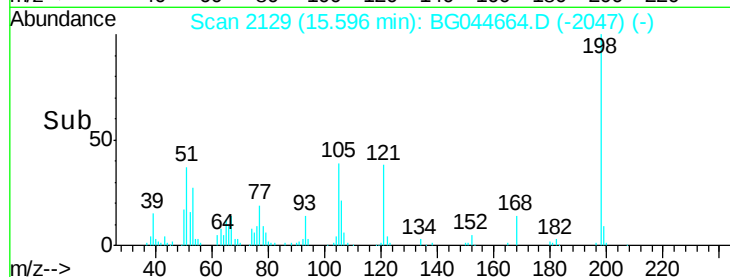
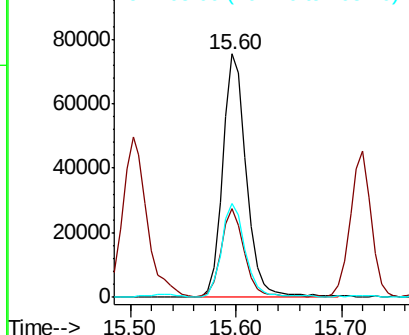
Tot Ion	Ratio	Resp	Lower	Upper
198	100	117178		
51	36.3	17.0	57.0	
105	38.7	18.4	58.4	

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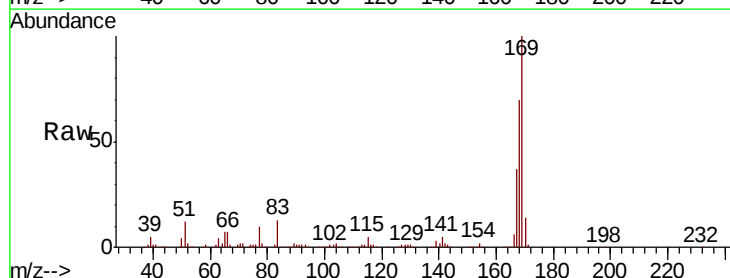


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

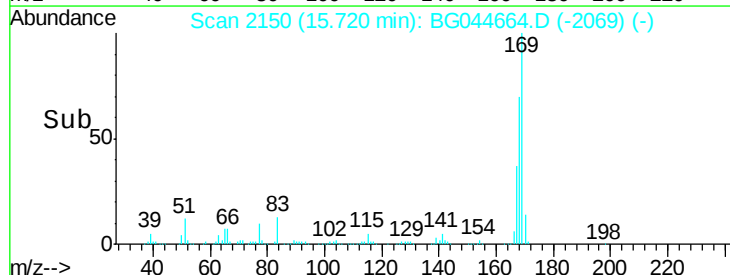
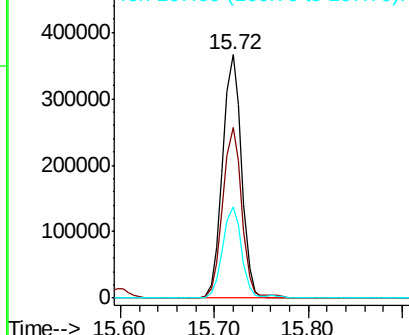


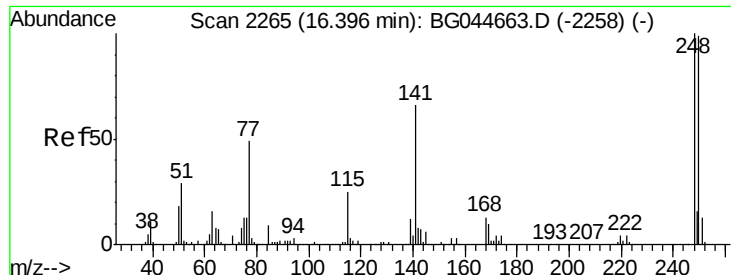
#66
n-Nitrosodiphenylamine
Concen: 48.766 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	516514		
168	70.3	56.1	84.1	
167	37.3	29.4	44.0	



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





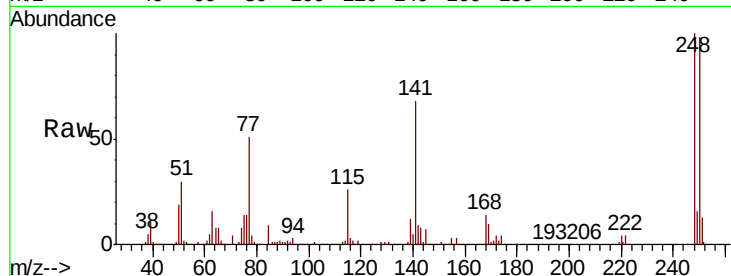
#67
4-Bromophenyl-phenylether
Concen: 46.037 ng
RT: 16.40 min Scan# 2265
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.7	118.1
141	68.4	52.3	78.5

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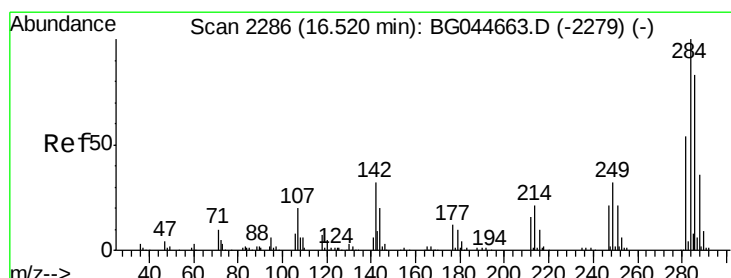
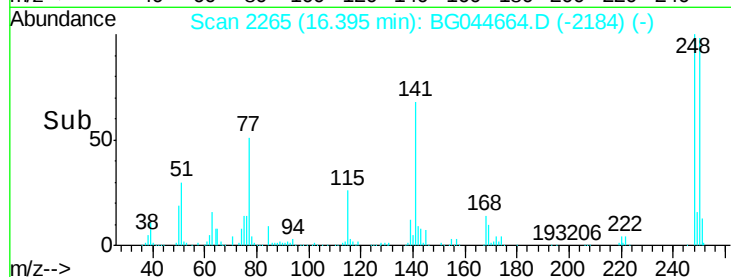
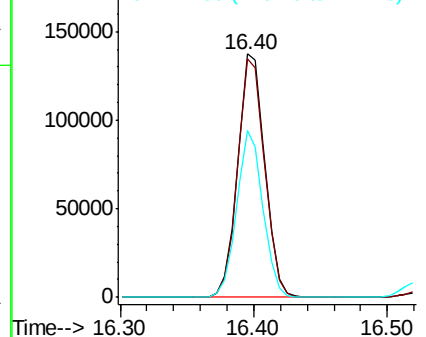


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.798 ng
RT: 16.52 min Scan# 2287
Delta R.T. -0.05 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

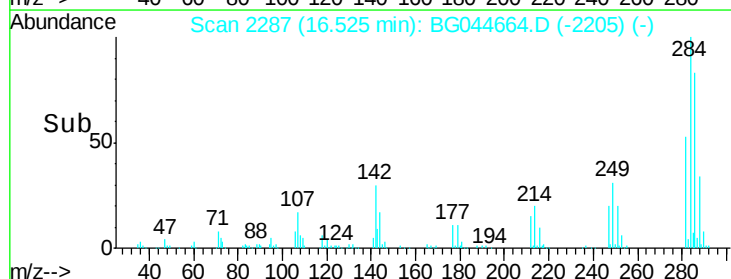
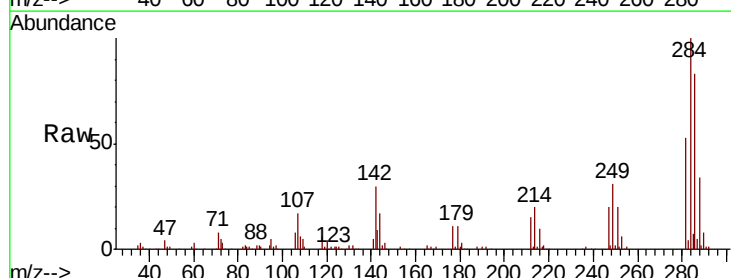
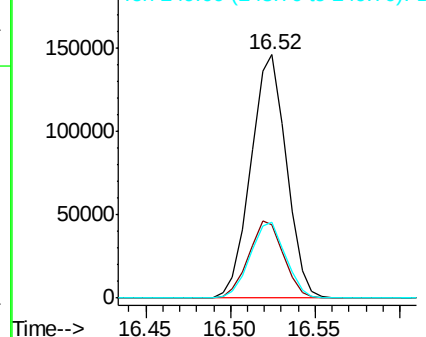
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	25.6	38.4
249	31.0	24.6	36.8

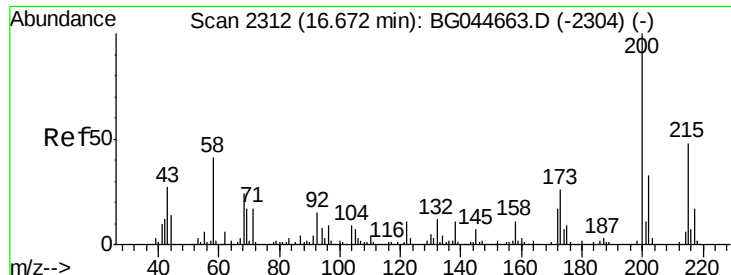
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





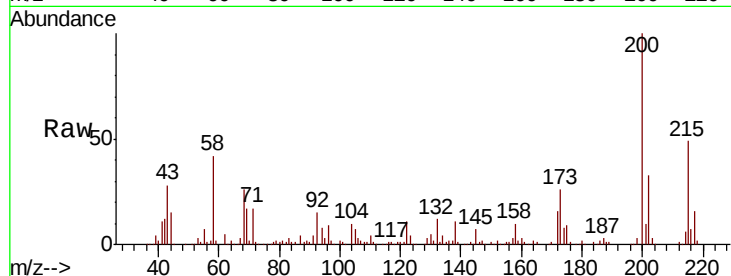
#69
Atrazine
Concen: 49.307 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.05 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

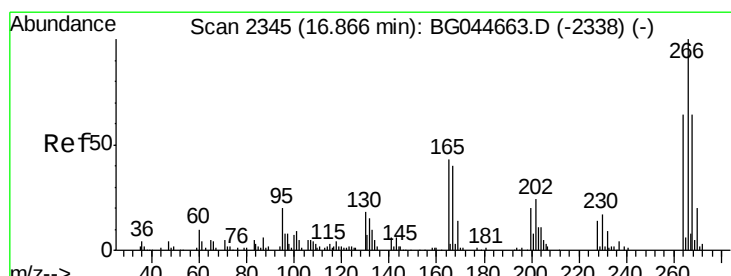
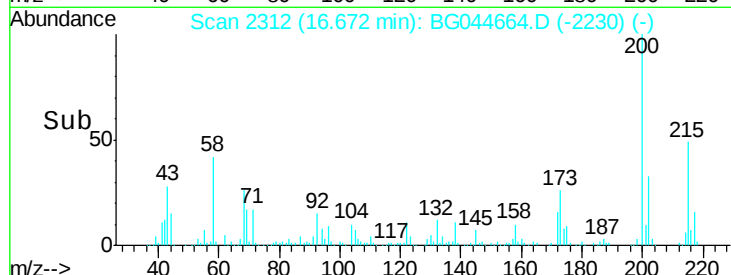
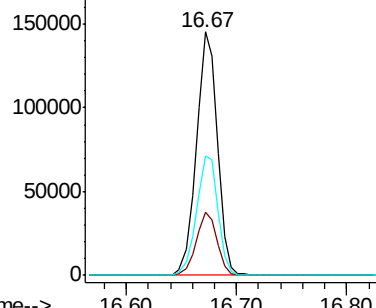
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.9	6.6	46.6
215	49.0	30.3	70.3

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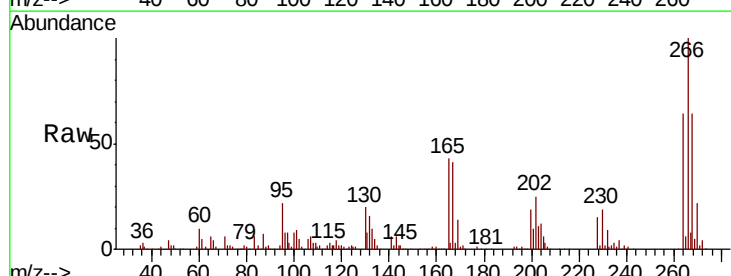


Abundance Ion 200.00 (199.70 to 200.70): E
200000
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

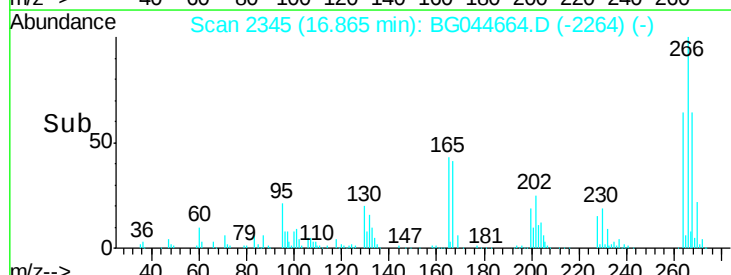
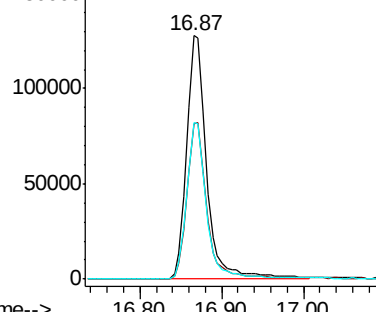


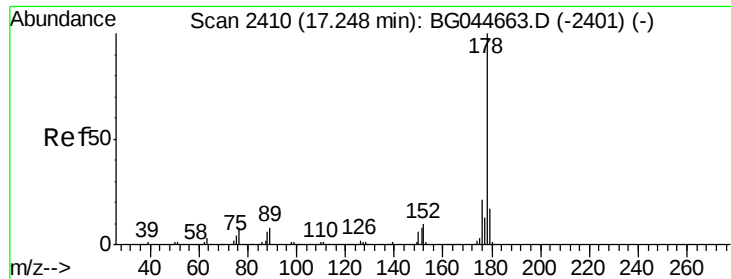
#70
Pentachlorophenol
Concen: 93.092 ng
RT: 16.87 min Scan# 2345
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.7	53.4	80.0
264	64.2	53.0	79.4



Abundance Ion 265.70 (265.40 to 266.40): E
150000
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





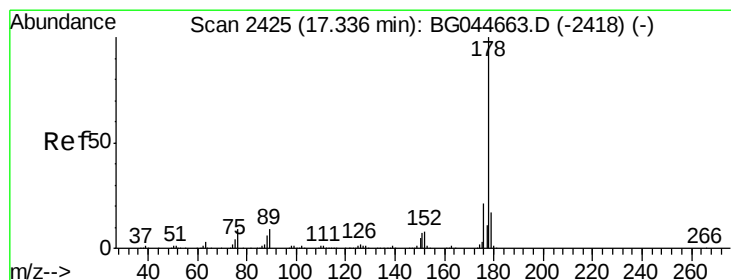
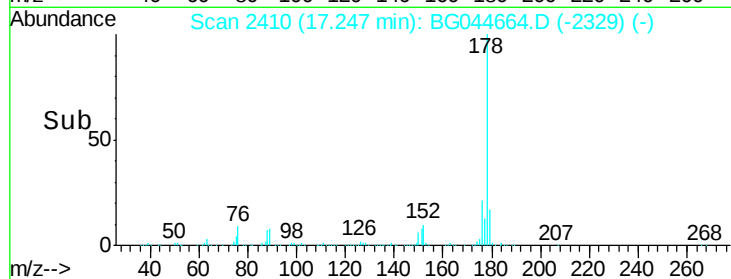
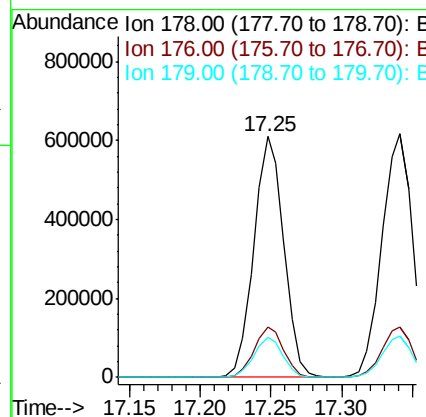
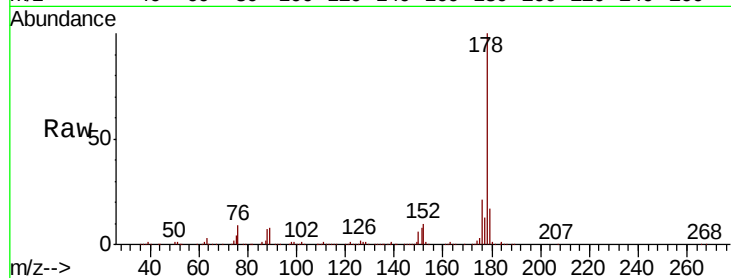
#71
Phenanthrene
Concen: 48.290 ng
RT: 17.25 min Scan# 2410
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	25.0
179	16.9	13.3	19.9

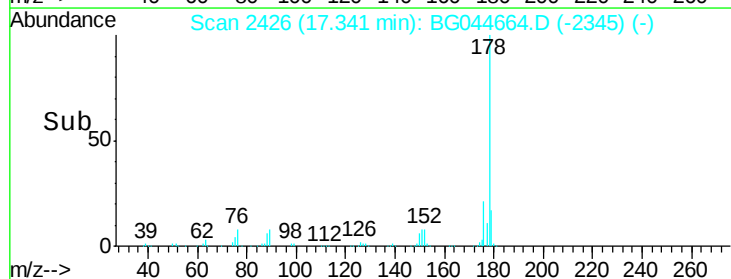
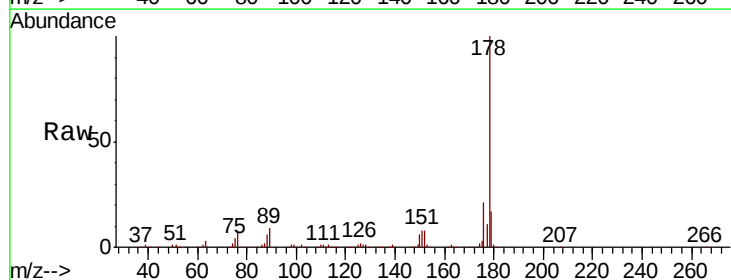
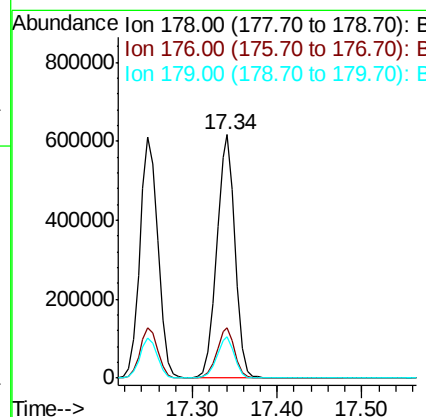
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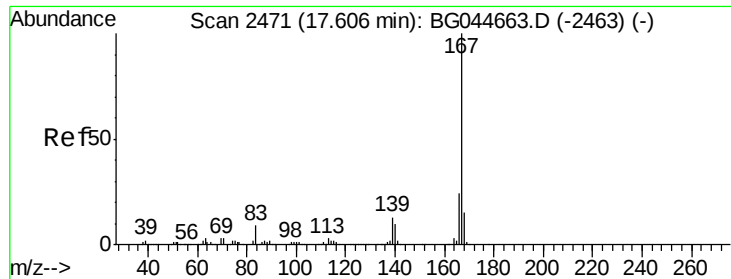
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#72
Anthracene
Concen: 50.459 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.9	23.9
179	17.0	13.1	19.7





#73

Carbazole

Concen: 51.221 ng

RT: 17.61 min Scan# 2472

Delta R.T. -0.05 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

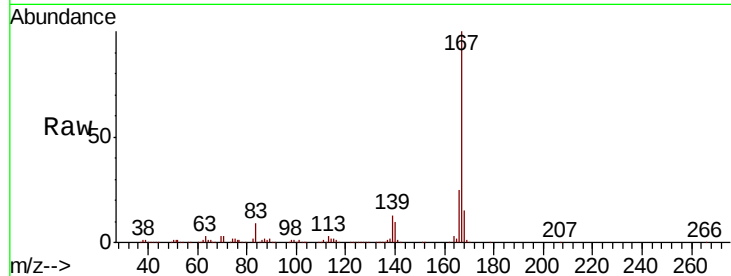
ClientSampleId :

8270-SPIKE

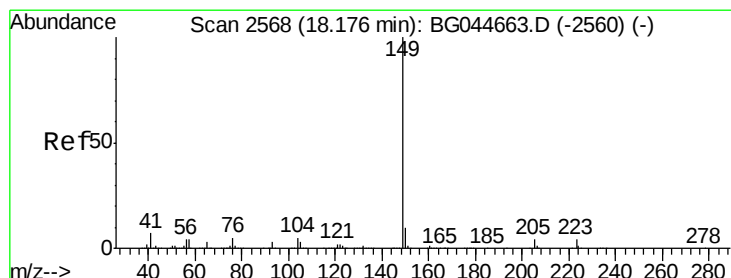
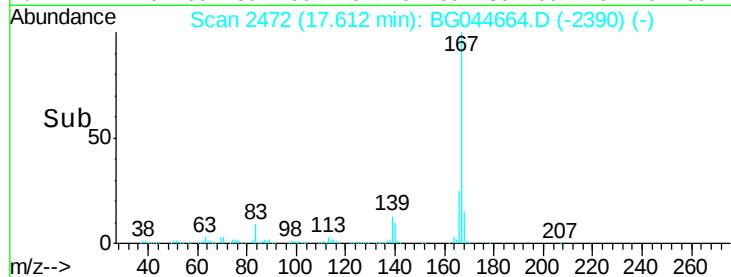
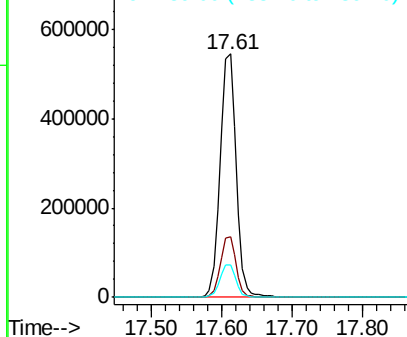
Tot Ion:	167	Resp:	863735
Ion Ratio	Lower	Upper	
167	100		
166	24.9	19.7	29.5
139	13.5	10.6	15.8

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 50.128 ng

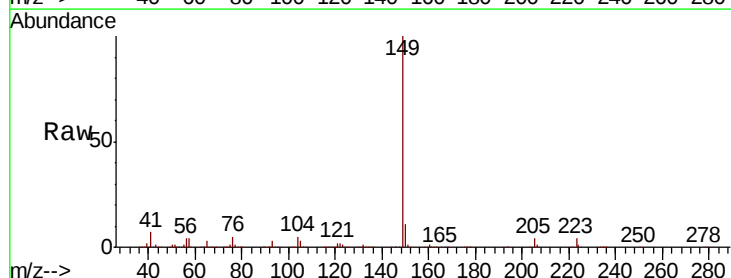
RT: 18.18 min Scan# 2568

Delta R.T. -0.06 min

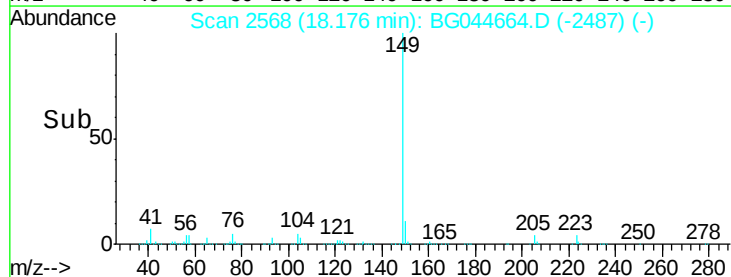
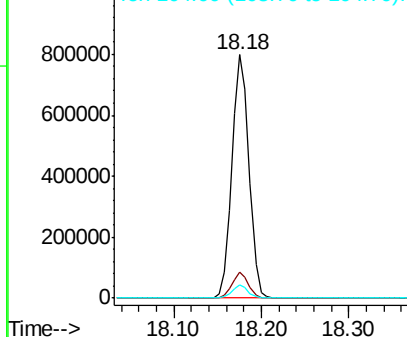
Lab File: BG044664.D

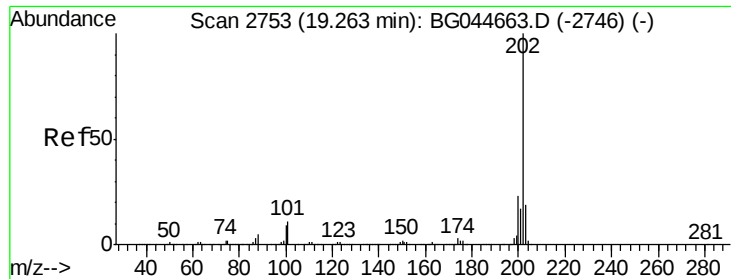
Acq: 3 Mar 2020 16:04

Tgt Ion:	149	Resp:	1059270
Ion Ratio	Lower	Upper	
149	100		
150	10.5	7.8	11.8
104	5.4	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.599 ng

RT: 19.26 min Scan# 2753

Delta R.T. -0.05 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

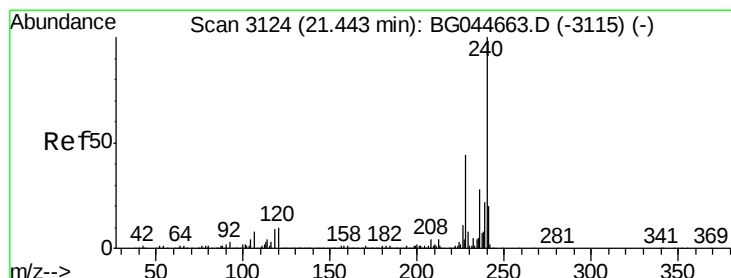
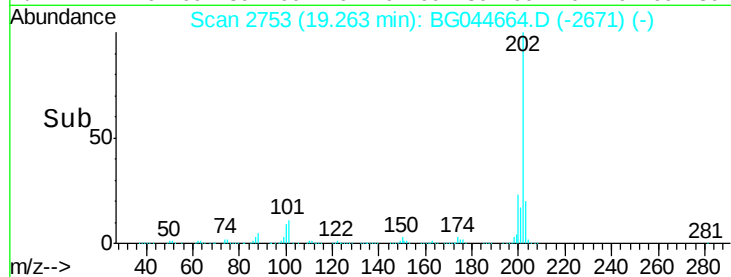
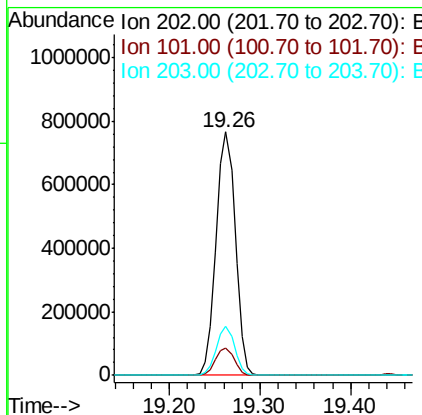
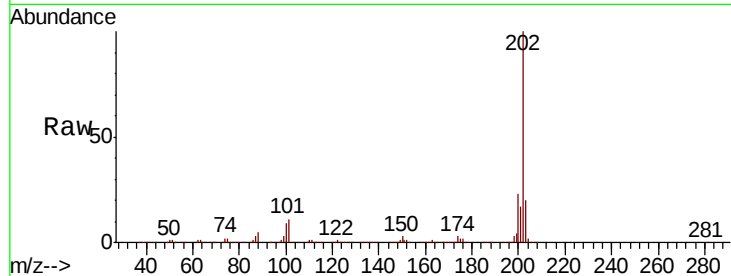
ClientSampleId :

8270-SPIKE

Tot Ion:	202	Resp:	1126036
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.0
203	19.9	0.0	39.2

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#76

Chrysene-d12

Concen: 20.000 ng

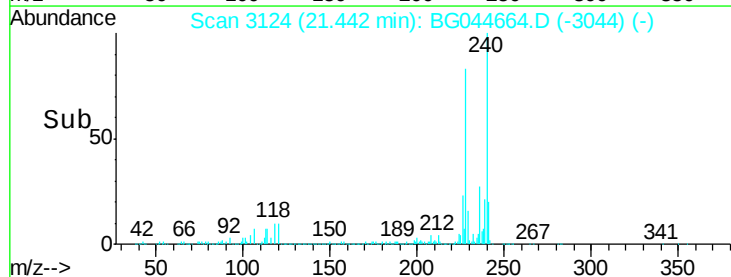
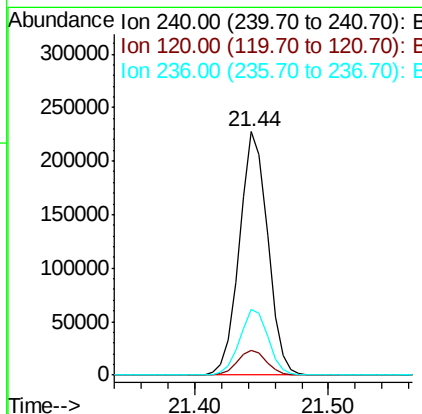
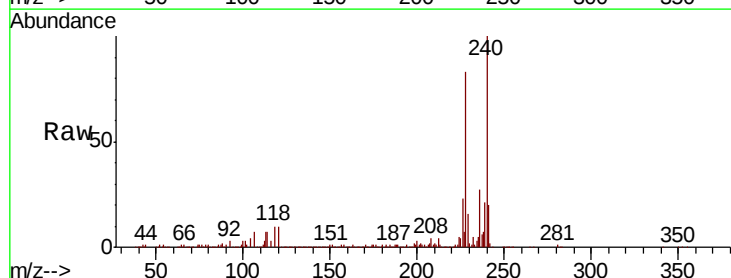
RT: 21.44 min Scan# 3124

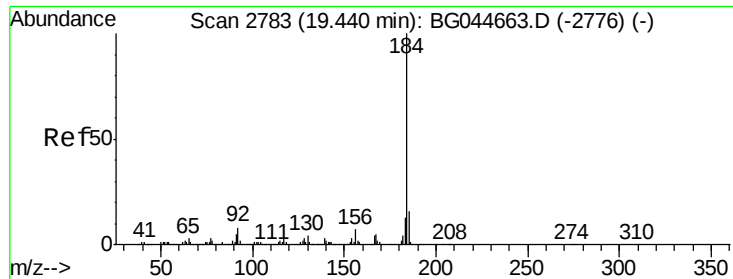
Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Tgt Ion:	240	Resp:	333361
Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	27.1	22.3	33.5





#77

Benzidine

Concen: 71.620 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.05 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

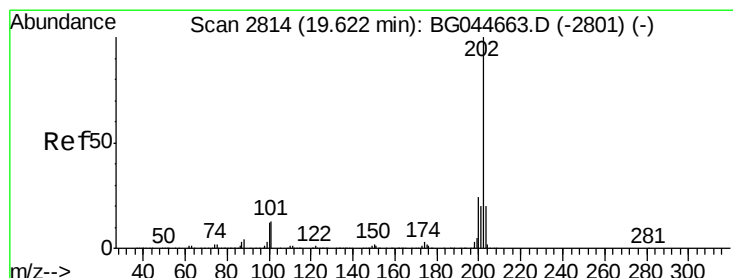
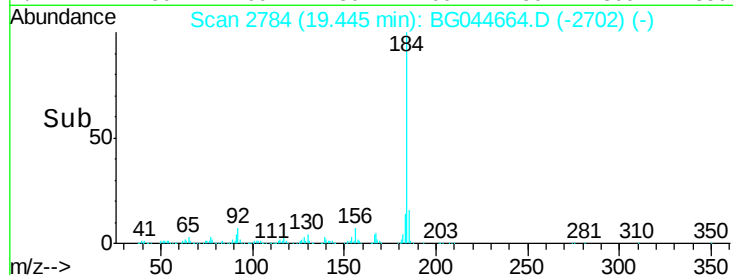
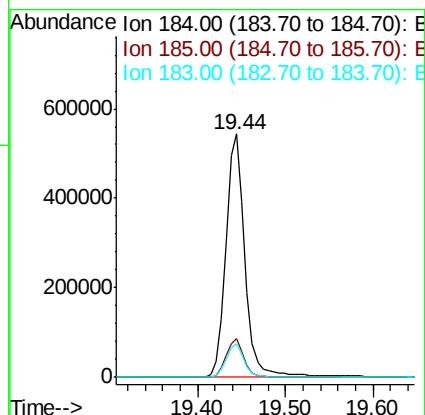
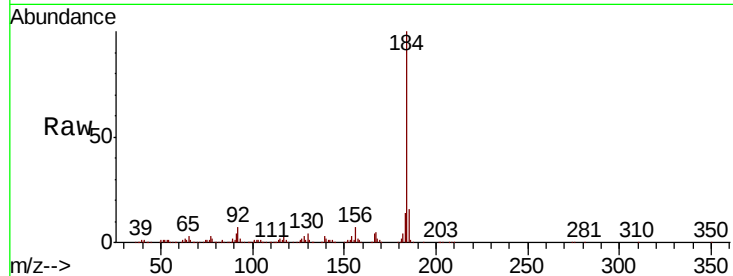
ClientSampleId :

8270-SPIKE

Tot Ion:	184	Resp:	817854
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.2	18.4
183	13.7	9.9	14.9

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#78

Pyrene

Concen: 46.699 ng

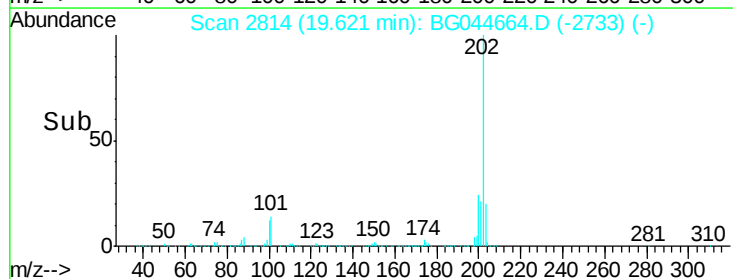
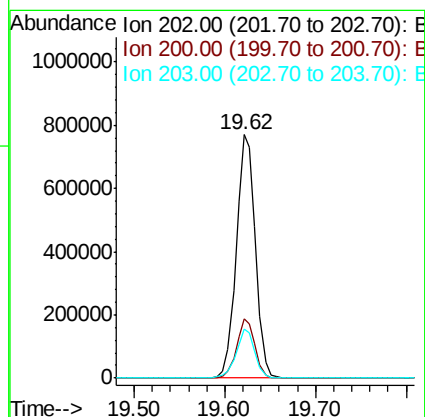
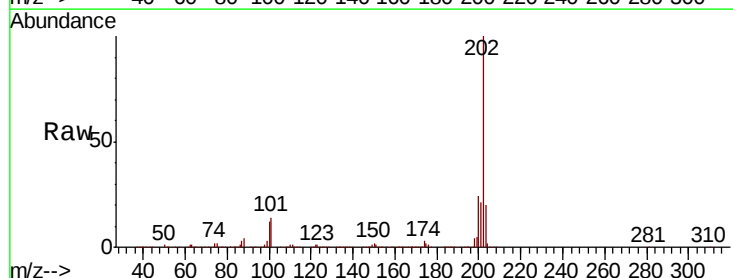
RT: 19.62 min Scan# 2814

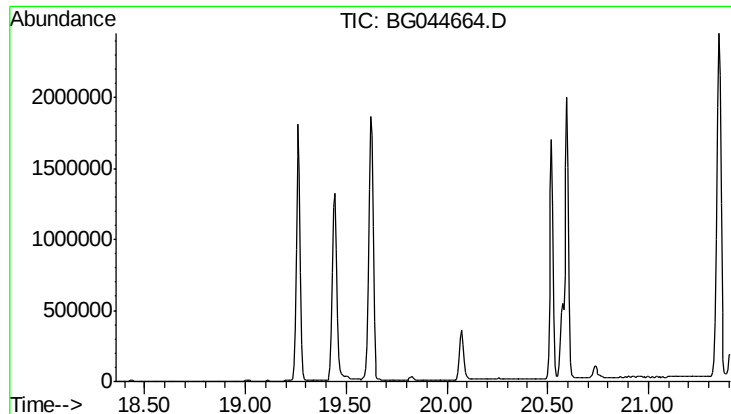
Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Tgt Ion:	202	Resp:	1130062
Ion Ratio	Lower	Upper	
202	100		
200	24.2	18.6	28.0
203	20.3	15.3	22.9





#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.88 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Tot Ion: 244

Sig Exp Ratio

244 100

212 8.1

122 10.3

Instrument :

BNA_G

ClientSampleId :

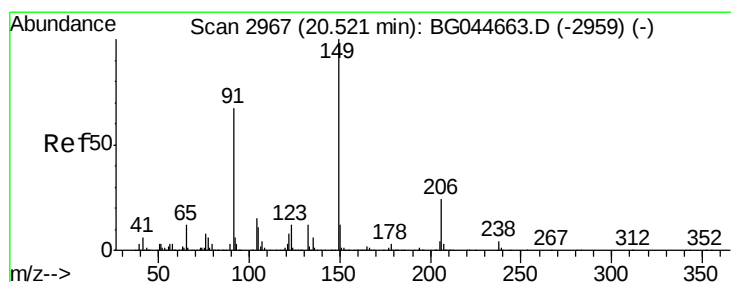
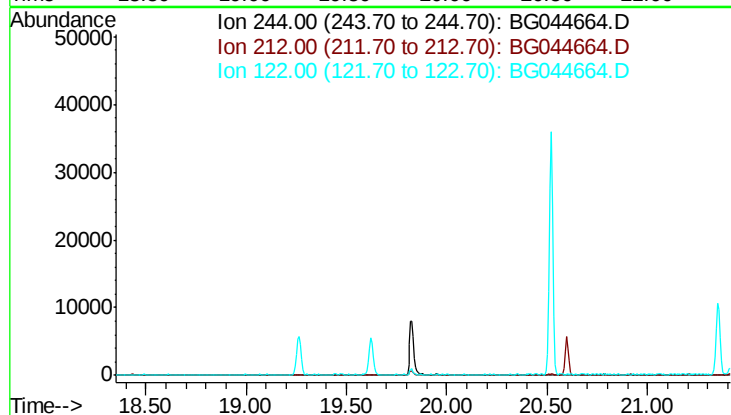
8270-SPIKE

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#80

Butylbenzylphthalate

Concen: 47.769 ng

RT: 20.52 min Scan# 2967

Delta R.T. -0.05 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

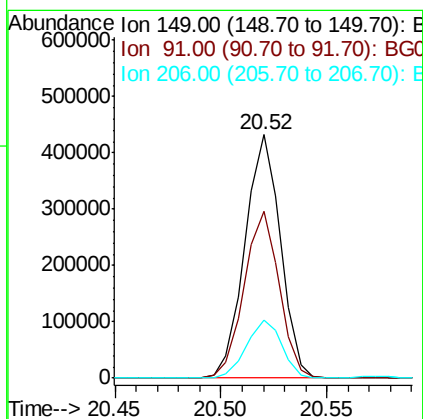
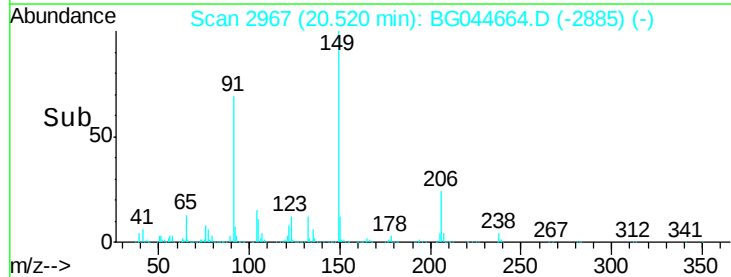
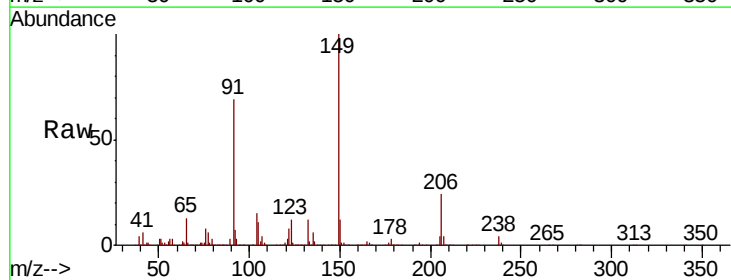
Tgt Ion: 149 Resp: 505637

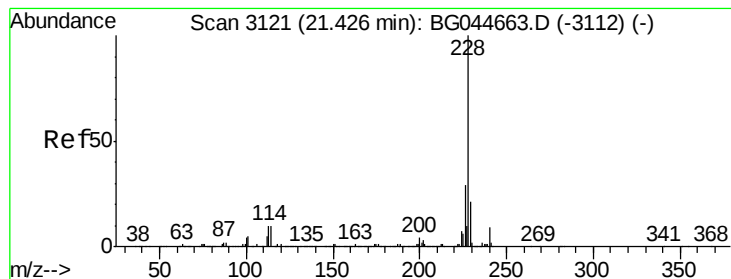
Ion Ratio Lower Upper

149 100

91 68.8 52.7 79.1

206 23.6 18.6 28.0





#81

Benzo(a)anthracene

Concen: 47.546 ng

RT: 21.42 min Scan# 3121

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

8270-SPIKE

Tot Ion:228 Resp: 1113990

Ion Ratio Lower Upper

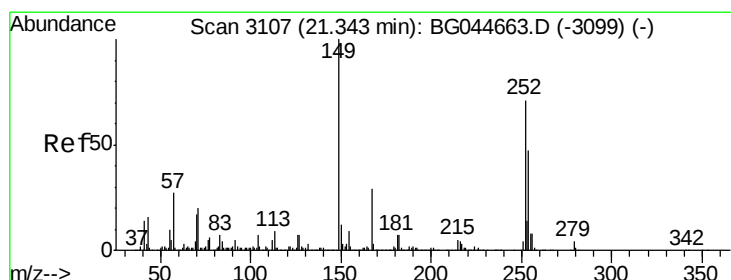
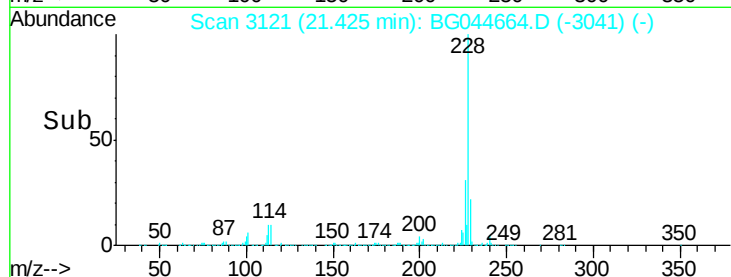
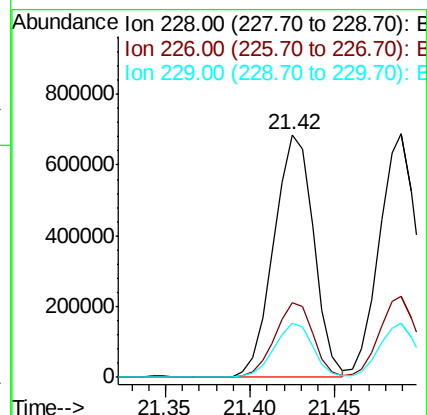
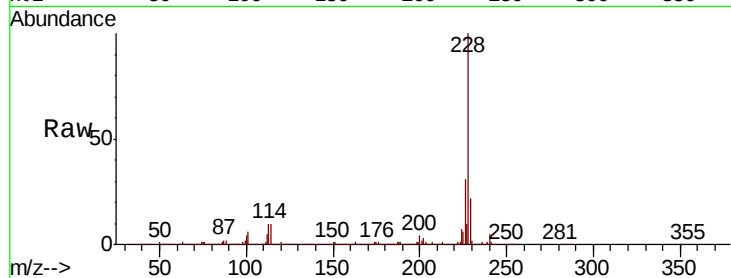
228 100

226 30.5 23.8 35.8

229 22.2 17.2 25.8

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#82

3,3'-Dichlorobenzidine

Concen: 30.253 ng

RT: 21.34 min Scan# 3107

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

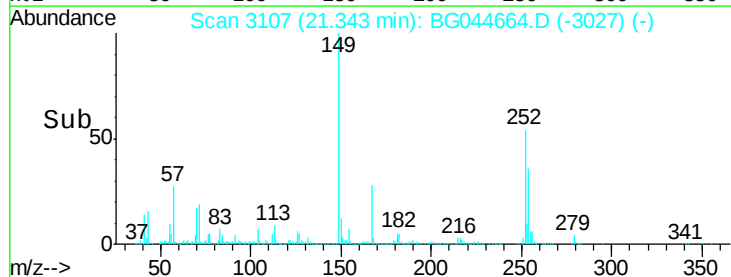
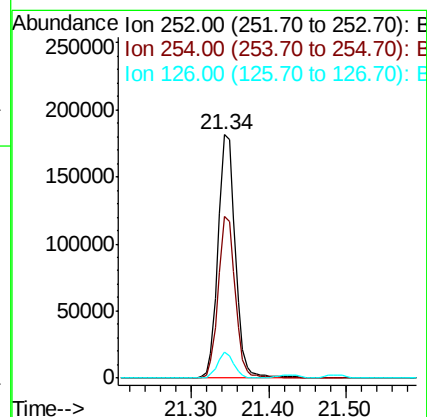
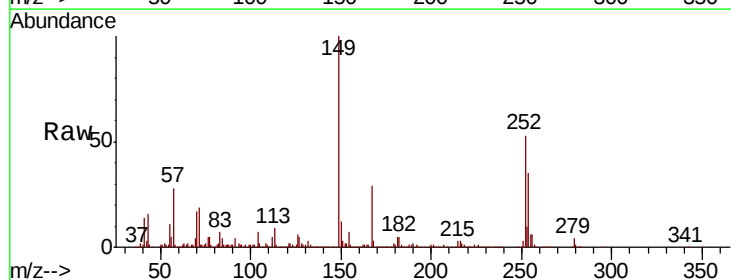
Tgt Ion:252 Resp: 280026

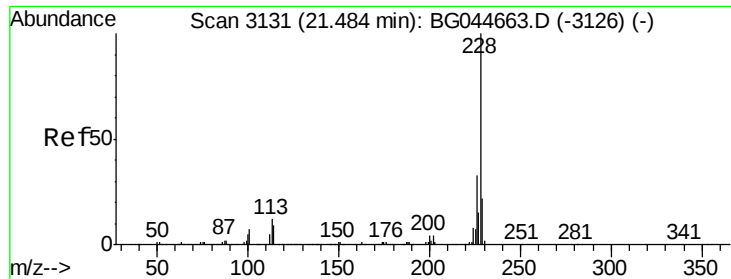
Ion Ratio Lower Upper

252 100

254 66.3 51.5 77.3

126 10.6 7.8 11.6





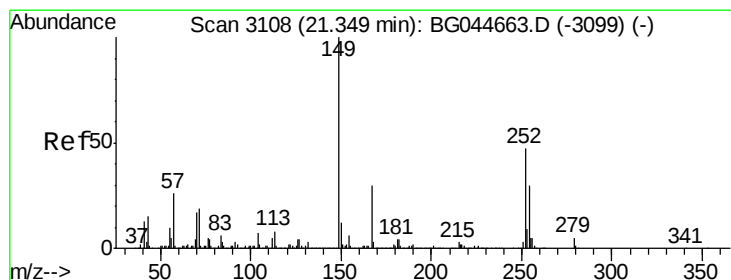
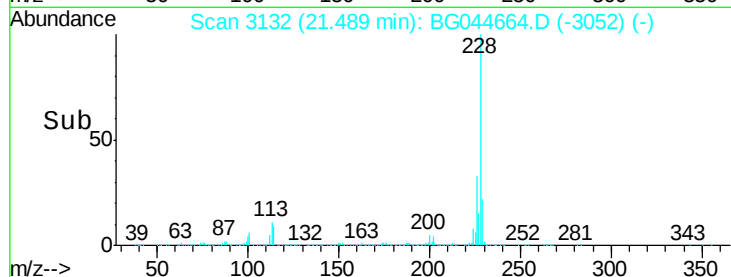
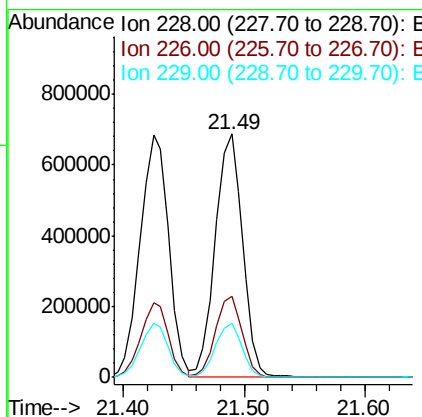
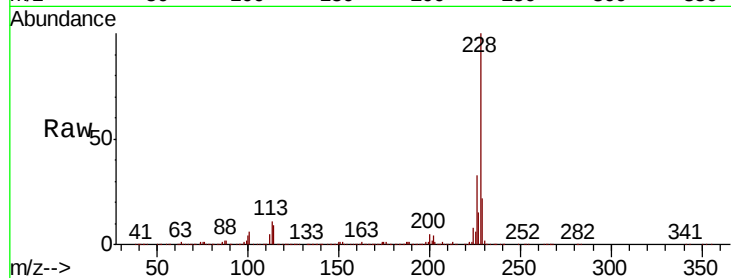
#83
 Chrysene
 Concen: 47.227 ng
 RT: 21.49 min Scan# 3132
 Delta R.T. -0.06 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Instrument :
 BNA_G
 ClientSampleId :
 8270-SPIKE

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.1	39.1
229	22.1	17.2	25.8

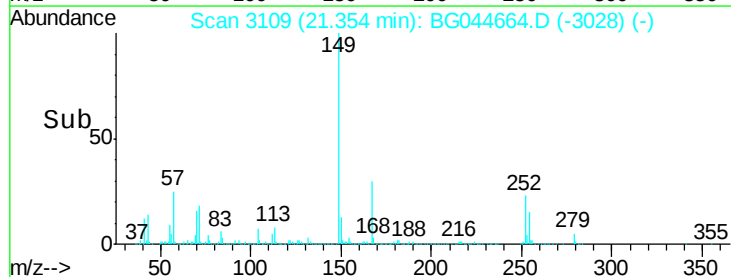
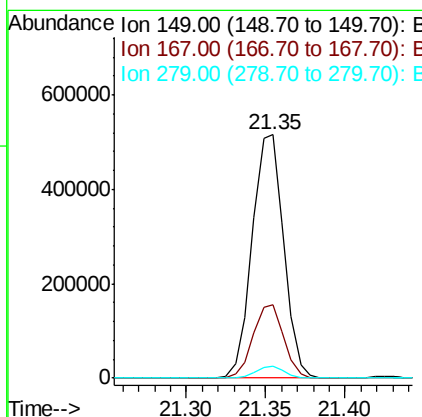
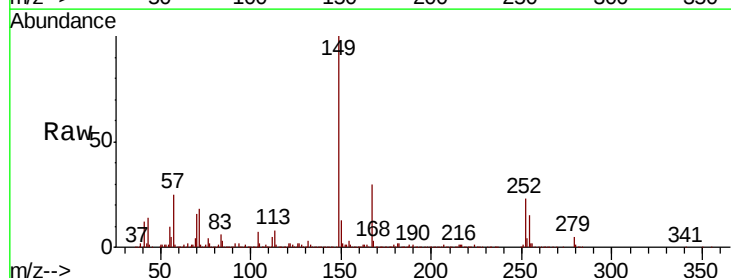
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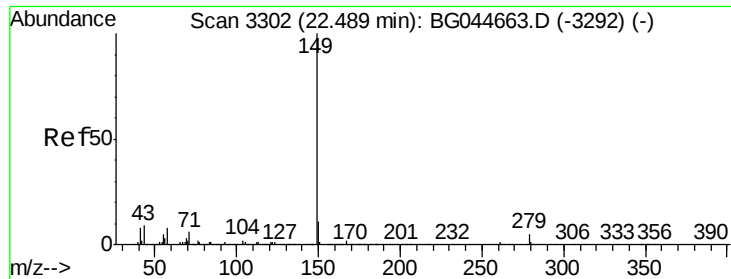
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.841 ng
 RT: 21.35 min Scan# 3109
 Delta R.T. -0.06 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.1	23.4	35.0
279	5.0	4.2	6.4





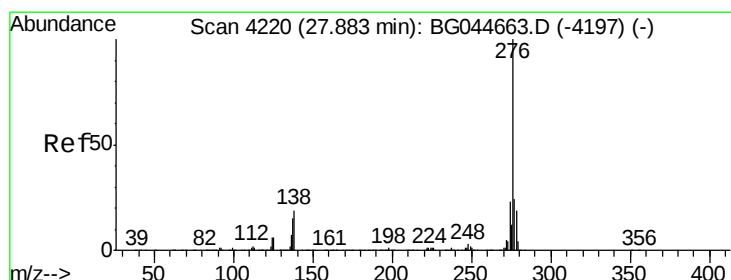
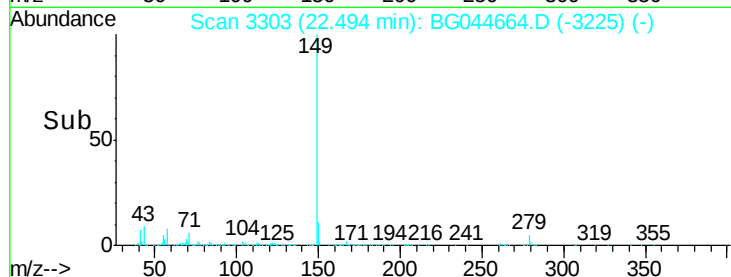
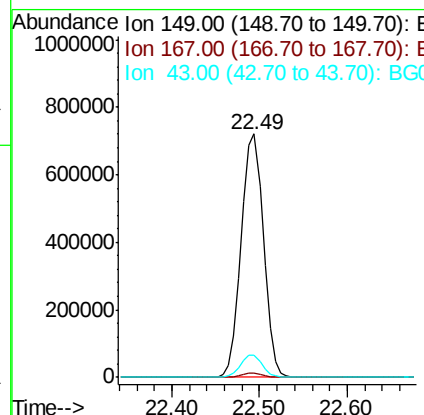
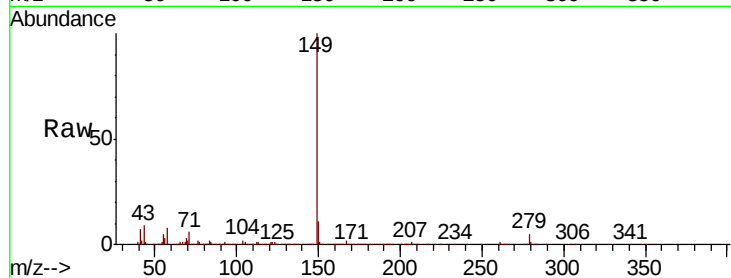
#85
Di-n-octyl phthalate
Concen: 48.211 ng
RT: 22.49 min Scan# 3303
Delta R.T. -0.07 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.9	6.6	10.0

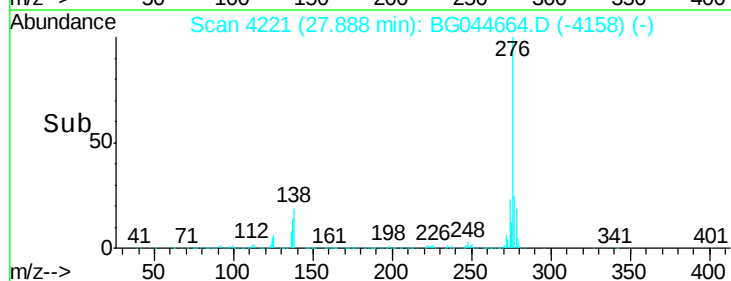
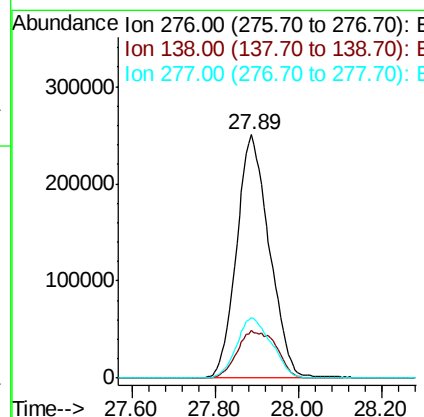
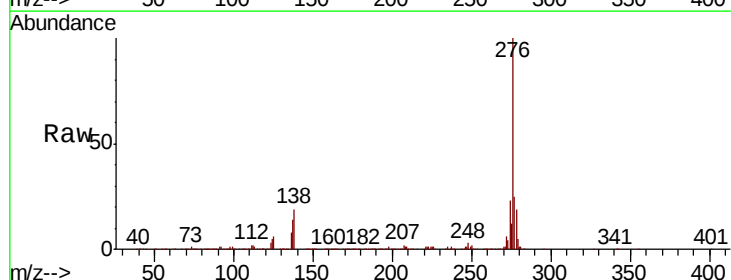
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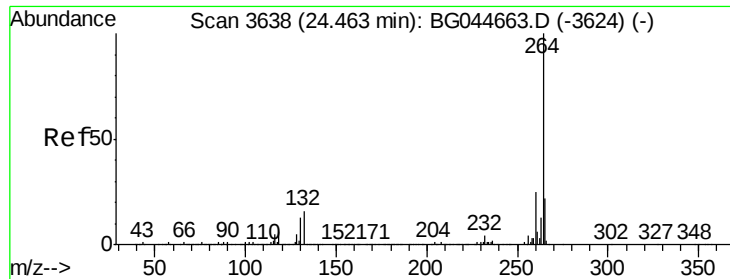
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.039 ng
RT: 27.89 min Scan# 4221
Delta R.T. -0.16 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.2	27.4
277	26.4	20.7	31.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.46 min Scan# 3638

Delta R.T. -0.11 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

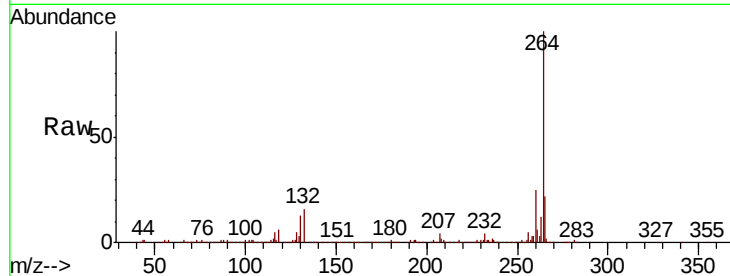
ClientSampleId :

8270-SPIKE

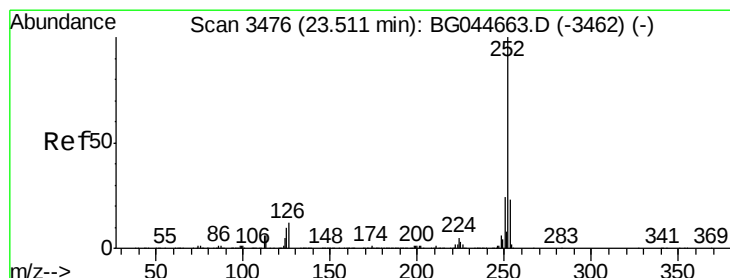
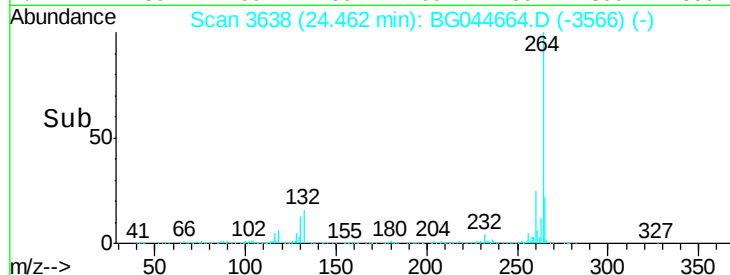
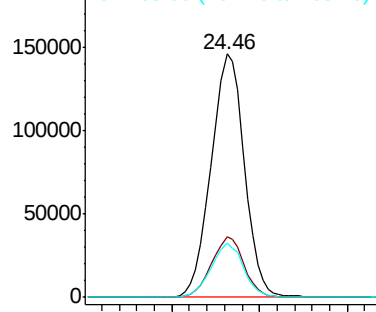
Tot Ion:	264	Resp:	376754
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.4	17.8	26.8

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.462 ng

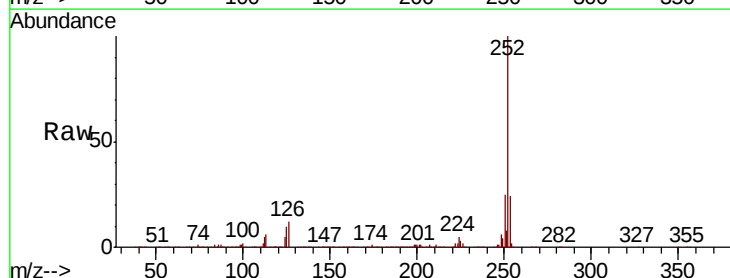
RT: 23.52 min Scan# 3477

Delta R.T. -0.09 min

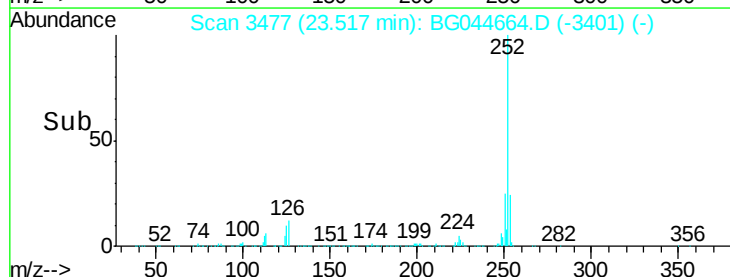
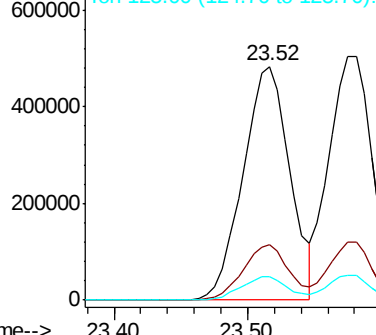
Lab File: BG044664.D

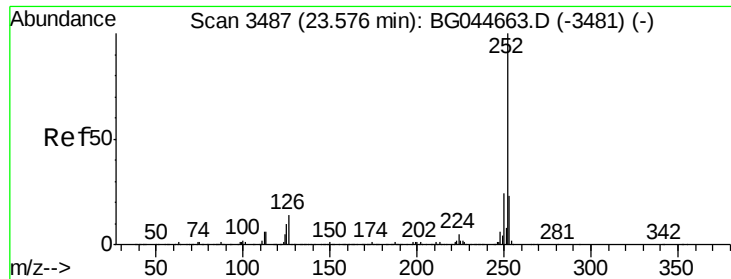
Acq: 3 Mar 2020 16:04

Tgt Ion:	252	Resp:	1175671
Ion Ratio		Lower	Upper
252	100		
253	23.8	18.4	27.6
125	10.0	7.9	11.9



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





#89

Benzo(k)fluoranthene

Concen: 47.101 ng

RT: 23.58 min Scan# 3487

Delta R.T. -0.09 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

8270-SPIKE

Tot Ion:252 Resp: 1132066

Ion Ratio Lower Upper

252 100

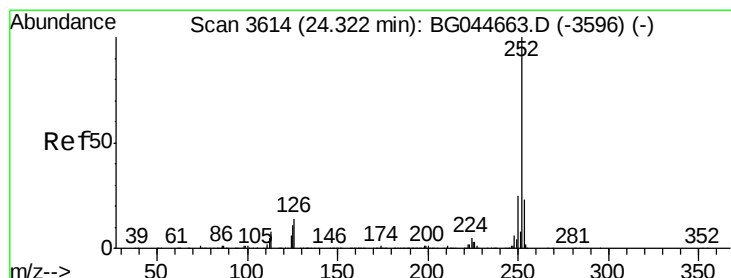
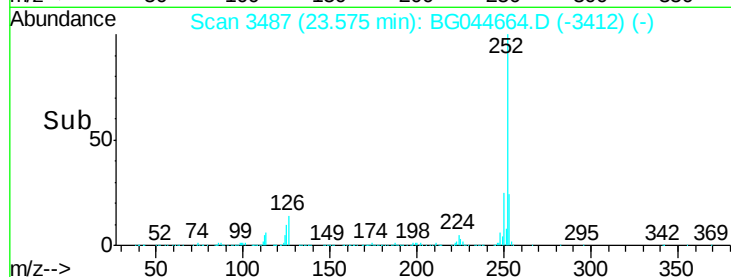
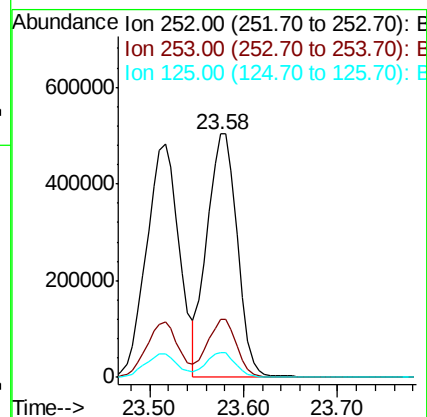
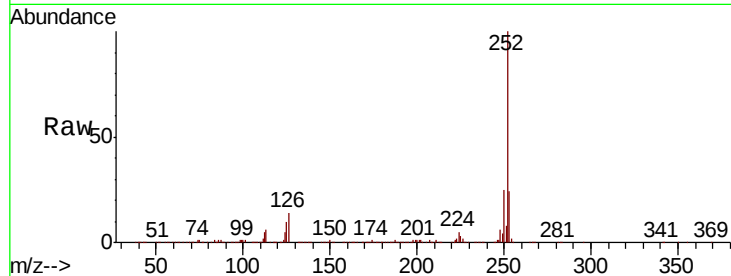
253 23.9 19.0 28.6

125 9.9 7.8 11.8

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#90

Benzo(a)pyrene

Concen: 46.398 ng

RT: 24.33 min Scan# 3615

Delta R.T. -0.10 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

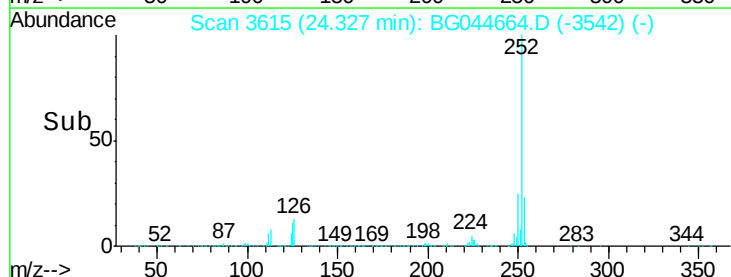
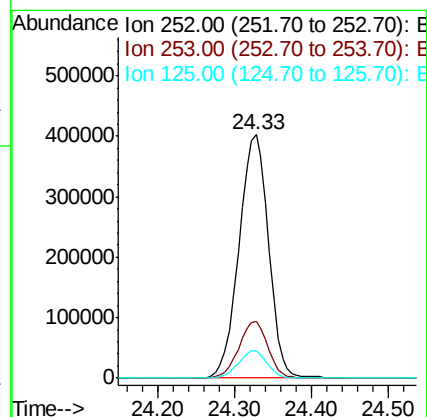
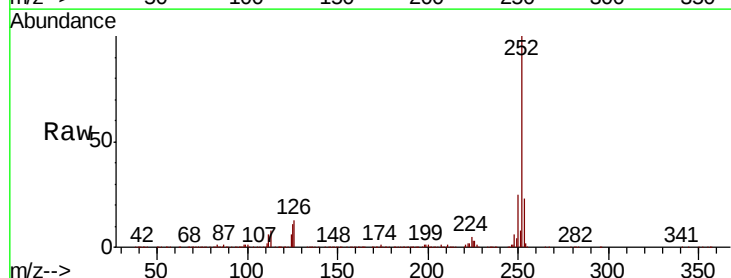
Tgt Ion:252 Resp: 1079850

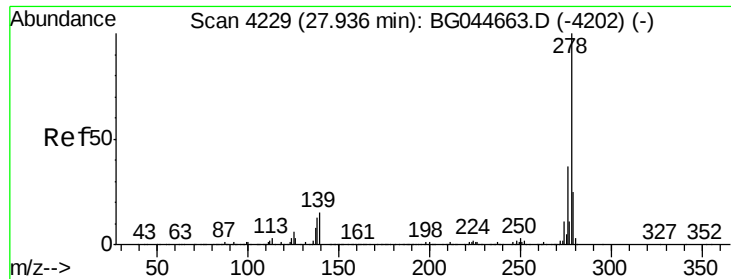
Ion Ratio Lower Upper

252 100

253 23.3 19.0 28.4

125 11.5 8.5 12.7





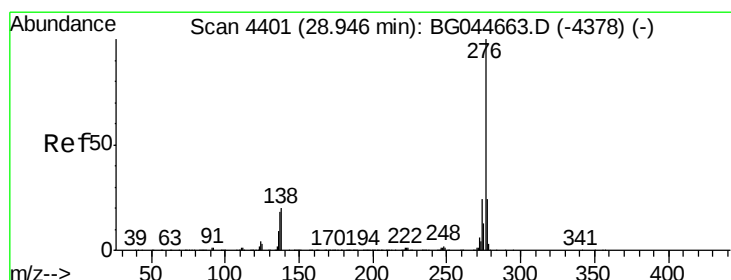
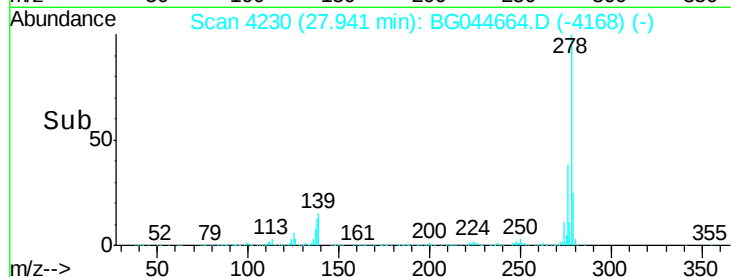
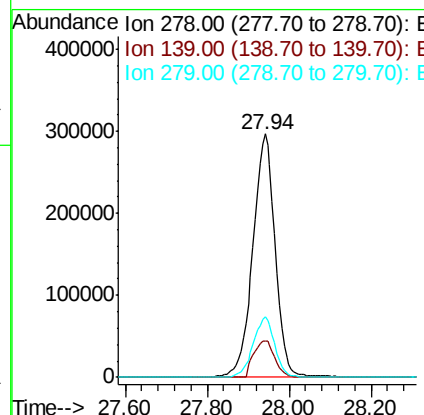
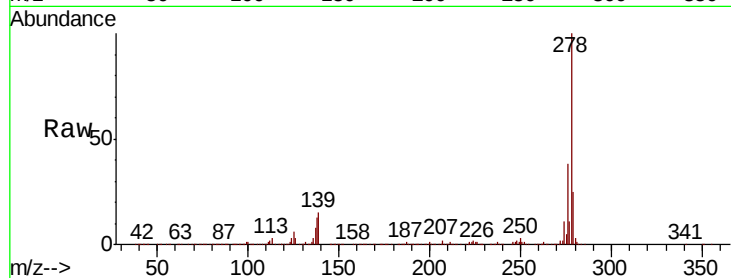
#91
Dibenzo(a,h)anthracene
Concen: 49.028 ng
RT: 27.94 min Scan# 4230
Delta R.T. -0.17 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.7	17.5
279	24.9	19.8	29.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 49.656 ng
RT: 28.96 min Scan# 4403
Delta R.T. -0.17 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	20.2	16.1	24.1

