

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
 Data File : BG044171.D
 Acq On : 23 Jan 2020 17:36
 Operator : JU
 Sample : PB126290BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BS

Manual Integrations
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mohammad
 1/24/2020 1:53:42 PM

Quant Time: Jan 24 05:42:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75790	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	317287	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	214428	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	458298	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	388625	20.00	ng	-0.04
87) Perylene-d12	24.66	264	438589	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	432889	104.87	ng	-0.03
7) Phenol-d6	7.10	99	585041	101.40	ng	-0.02
23) Nitrobenzene-d5	9.09	82	473027	79.75	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	217590	96.97	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1057819	89.38	ng	-0.04
79) Terphenyl-d14	19.92	244	1529185	98.94	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	86524	48.075	ng	98
3) Pyridine	3.79	79	207997	39.121	ng	94
4) n-Nitrosodimethylamine	3.70	42	107810	45.544	ng	96
6) Aniline	7.25	93	265017	34.970	ng	97
8) 2-Chlorophenol	7.49	128	261930	54.052	ng	98
9) Benzaldehyde	7.06	77	132169	35.791	ng	97
10) Phenol	7.13	94	323768	54.463	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	237658	46.314	ng	98
12) 1,3-Dichlorobenzene	7.82	146	264772	46.692	ng	99
13) 1,4-Dichlorobenzene	7.96	146	265689	47.486	ng	99
14) 1,2-Dichlorobenzene	8.28	146	252431	47.004	ng	99
15) Benzyl Alcohol	8.16	79	218907	48.073	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.46	45	322538	40.627	ng	99
17) 2-Methylphenol	8.38	107	224041	52.079	ng	98
18) Hexachloroethane	9.02	117	100593	46.204	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	188200	43.799	ng	98
20) 3+4-Methylphenols	8.70	107	306823	51.126	ng	100
22) Acetophenone	8.75	105	352203	44.650	ng	99
24) Nitrobenzene	9.13	77	270352	46.023	ng	98
25) Isophorone	9.65	82	514910	46.275	ng	99
26) 2-Nitrophenol	9.84	139	147103	52.930	ng	96
27) 2,4-Dimethylphenol	9.91	122	248354	59.365	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	328931	44.340	ng	98
29) 2,4-Dichlorophenol	10.38	162	257962	51.693	ng	95
30) 1,2,4-Trichlorobenzene	10.60	180	256729	45.883	ng	97
31) Naphthalene	10.78	128	763091	49.700	ng	99
32) Benzoic acid	10.06	122	115498	35.740	ng	96
33) 4-Chloroaniline	10.88	127	185149	25.282	ng	99
34) Hexachlorobutadiene	11.08	225	147725	43.242	ng	99
35) Caprolactam	11.65	113	96046m	51.701	ng	
36) 4-Chloro-3-methylphenol	12.02	107	283008	53.273	ng	98
37) 2-Methylnaphthalene	12.39	142	573301	49.596	ng	97
38) 1-Methylnaphthalene	12.61	142	544914	49.738	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	271238	43.157	ng	98

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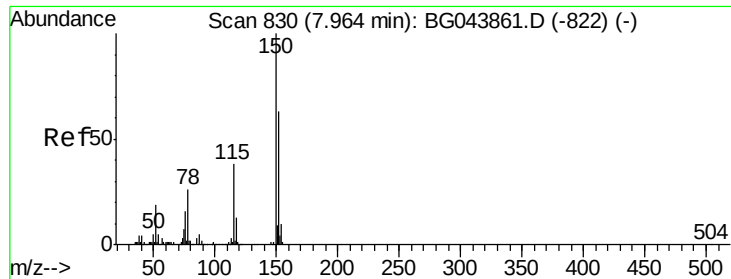
Manual Integrations
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 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	358754	110.104	ng	100
43) 2,4,6-Trichlorophenol	13.00	196	205465	47.512	ng	97
44) 2,4,5-Trichlorophenol	13.08	196	224531	50.341	ng	98
46) 1,1'-Biphenyl	13.40	154	721061	46.901	ng	98
47) 2-Chloronaphthalene	13.44	162	566784	45.623	ng	98
48) 2-Nitroaniline	13.64	65	179637	44.952	ng	98
49) Acenaphthylene	14.29	152	908109	50.857	ng	97
50) Dimethylphthalate	14.02	163	730948	48.009	ng	99
51) 2,6-Dinitrotoluene	14.13	165	165539	48.104	ng	99
52) Acenaphthene	14.63	154	566728	45.258	ng	97
53) 3-Nitroaniline	14.46	138	121289	31.037	ng	99
54) 2,4-Dinitrophenol	14.67	184	166670	94.036	ng	97
55) Dibenzofuran	14.96	168	865998	50.237	ng	98
56) 4-Nitrophenol	14.79	139	303201	101.249	ng	94
57) 2,4-Dinitrotoluene	14.92	165	232397	49.631	ng	96
58) Fluorene	15.61	166	684384	50.090	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	196343	51.194	ng	96
60) Diethylphthalate	15.39	149	743811	48.844	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	355185	47.875	ng	97
62) 4-Nitroaniline	15.63	138	165980	43.010	ng	97
63) Azobenzene	15.90	77	695763	49.266	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	128953	54.007	ng	97
66) n-Nitrosodiphenylamine	15.82	169	645142	47.801	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	228656	44.361	ng	98
68) Hexachlorobenzene	16.62	284	246948	44.462	ng	97
69) Atrazine	16.77	200	233885	53.313	ng	99
70) Pentachlorophenol	16.97	266	264917	86.526	ng	99
71) Phenanthrene	17.35	178	1069006	48.630	ng	98
72) Anthracene	17.44	178	1113102	51.237	ng	98
73) Carbazole	17.71	167	988792	49.273	ng	96
74) Di-n-butylphthalate	18.28	149	1222624	47.719	ng	97
75) Fluoranthene	19.36	202	1227190	48.815	ng	96
77) Benzidine	19.54	184	502802	51.473	ng	97
78) Pyrene	19.72	202	1236422	48.741	ng	95
80) Butylbenzylphthalate	20.61	149	566432	46.901	ng	97
81) Benzo(a)anthracene	21.54	228	1177291	48.855	ng	97
82) 3,3'-Dichlorobenzidine	21.45	252	330219	34.686	ng	99
83) Chrysene	21.60	228	1120935	48.955	ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	799995	48.007	ng	98
85) Di-n-octyl phthalate	22.64	149	1407654	50.247	ng	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1451378	46.642	ng	99
88) Benzo(b)fluoranthene	23.68	252	1214912	46.857	ng	99
89) Benzo(k)fluoranthene	23.75	252	1227800	49.797	ng	98
90) Benzo(a)pyrene	24.52	252	1152811	47.108	ng	98
91) Dibenzo(a,h)anthracene	28.25	278	1189880	48.415	ng	97
92) Benzo(g,h,i)perylene	29.28	276	1216947	49.849	ng	97

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



#1

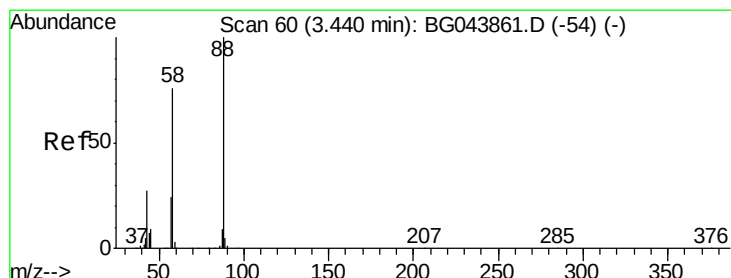
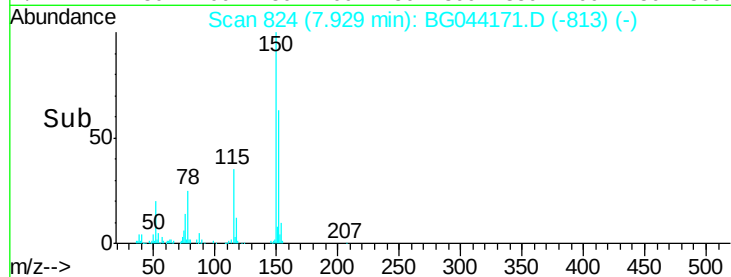
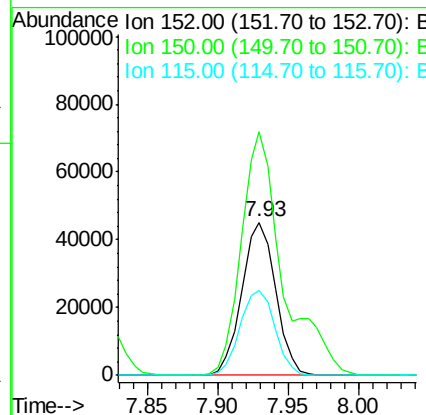
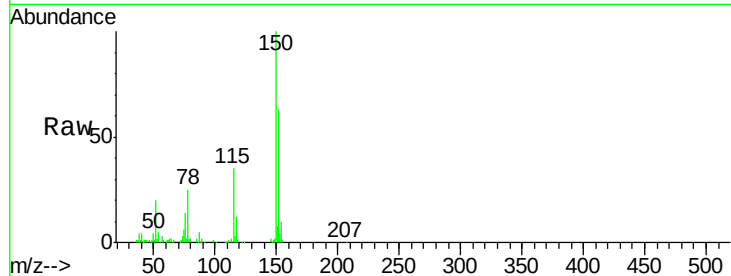
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.0	190.4
115	55.7	47.8	71.8

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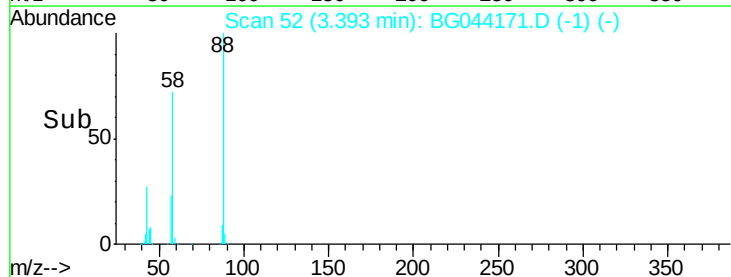
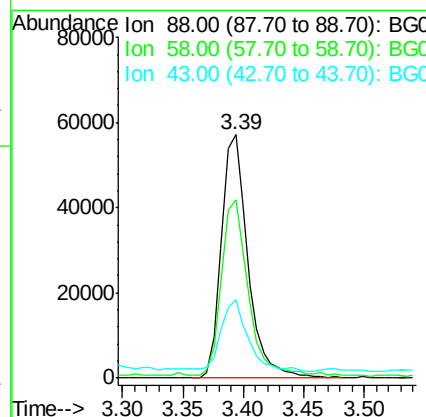
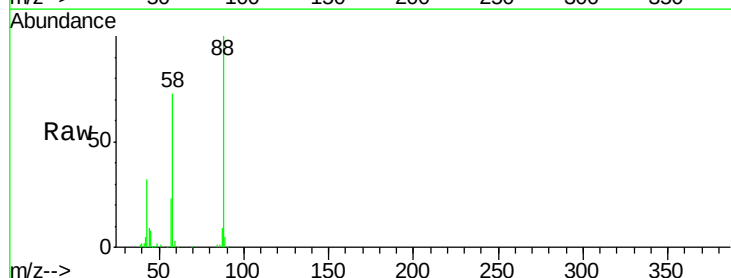
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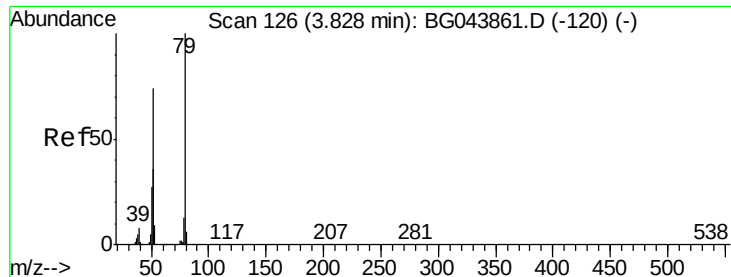


#2

1,4-Dioxane
Concen: 48.075 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	59.8	89.8
43	29.6	22.9	34.3





#3

Pvridine

Concen: 39.121 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

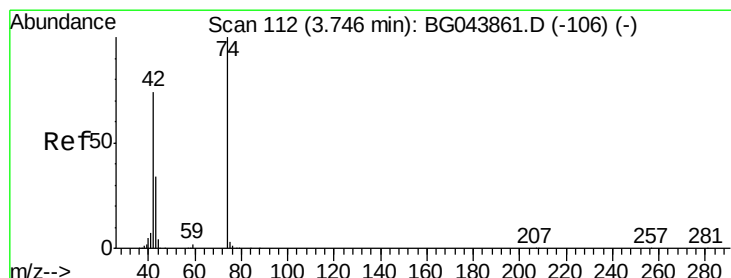
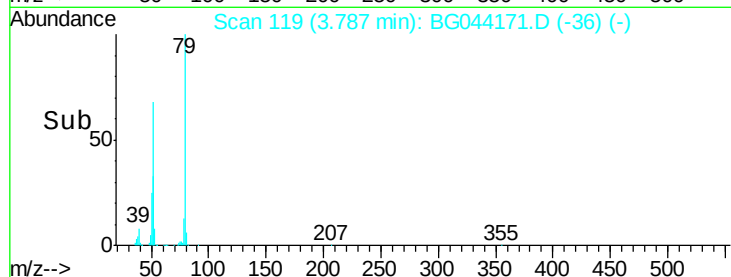
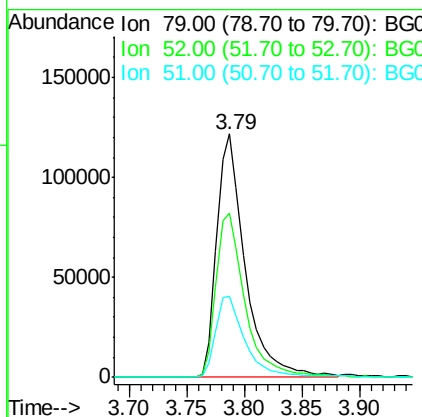
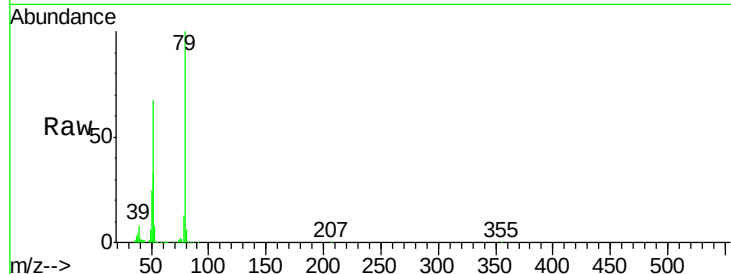
ClientSampleId :

PB126290BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	207997		
52	52	67.4	58.9	88.3	
51	51	33.1	28.6	43.0	

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#4

n-Nitrosodimethylamine

Concen: 45.544 ng

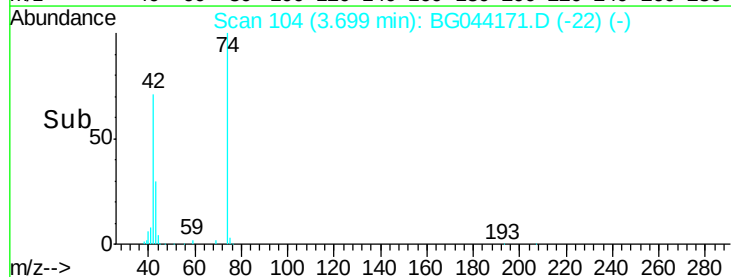
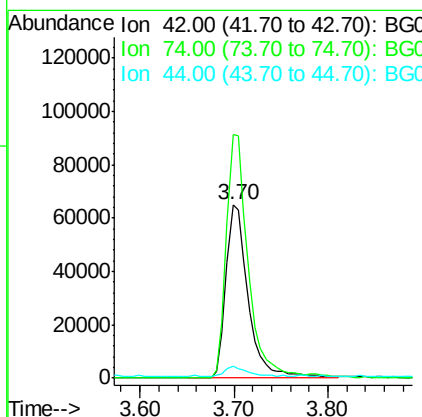
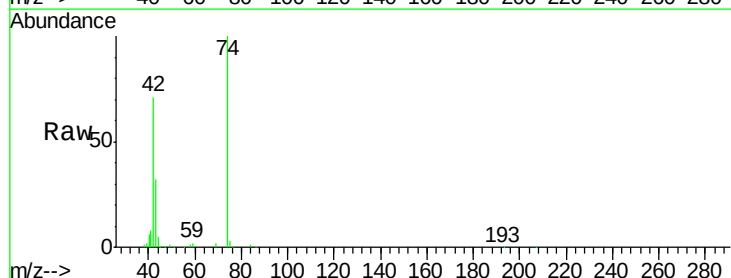
RT: 3.70 min Scan# 104

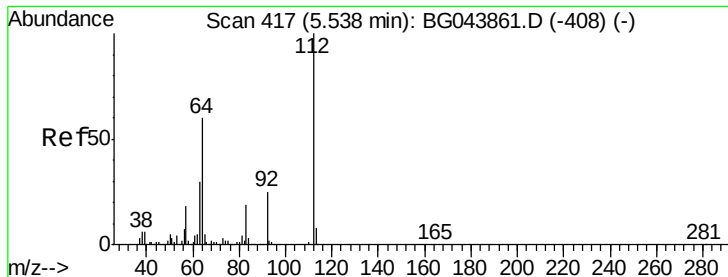
Delta R.T. -0.05 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	107810		
74	74	140.0	108.6	162.8	
44	44	6.7	5.0	7.6	





#5

2-Fluorophenol

Concen: 104.874 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

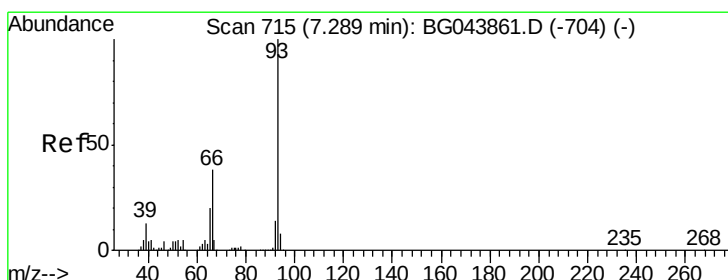
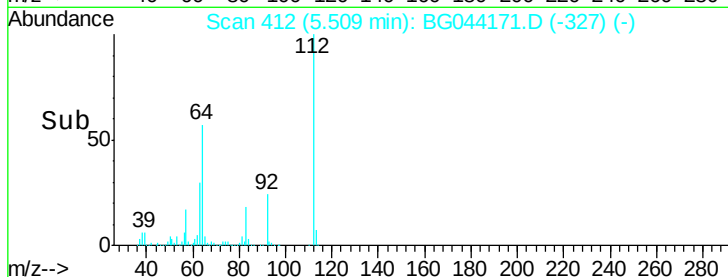
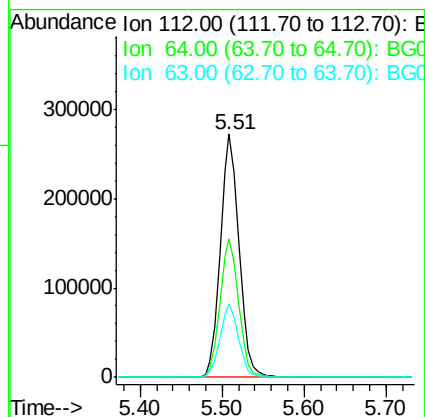
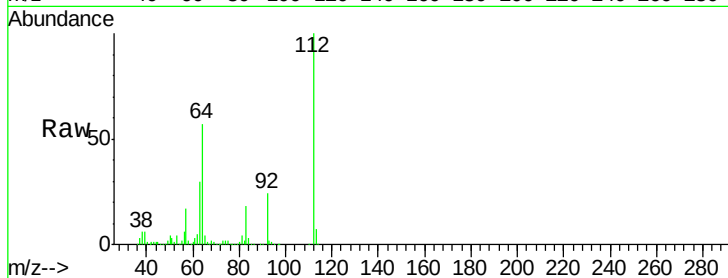
ClientSampleId :

PB126290BS

Tot Ion:	112	Resp:	432889
Ion Ratio	Lower	Upper	
112	100		
64	57.2	47.8	71.6
63	30.3	24.3	36.5

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#6

Aniline

Concen: 34.970 ng

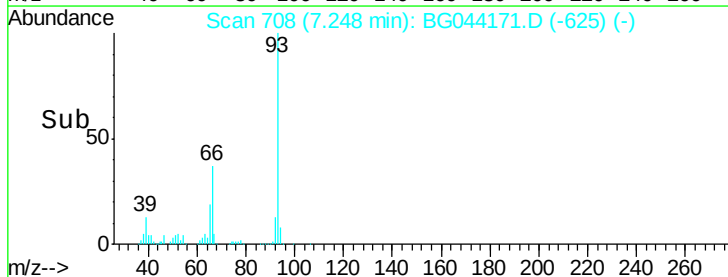
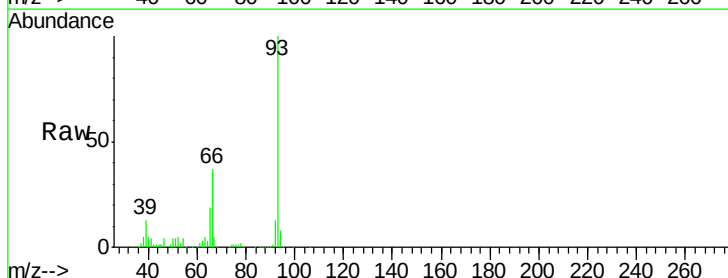
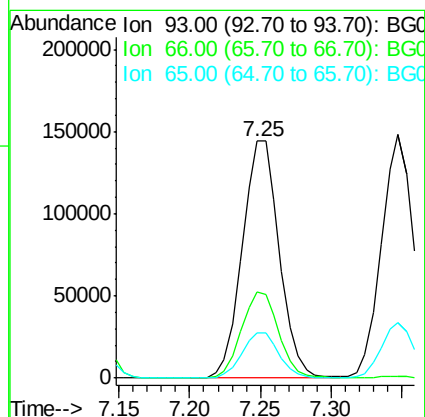
RT: 7.25 min Scan# 708

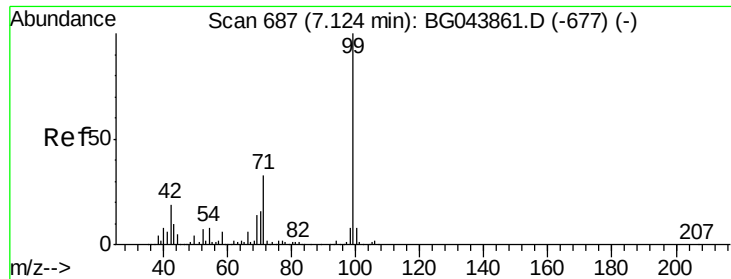
Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Tgt Ion:	93	Resp:	265017
Ion Ratio	Lower	Upper	
93	100		
66	36.5	30.8	46.2
65	19.3	16.0	24.0





#7

Phenol-d6

Concen: 101.397 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

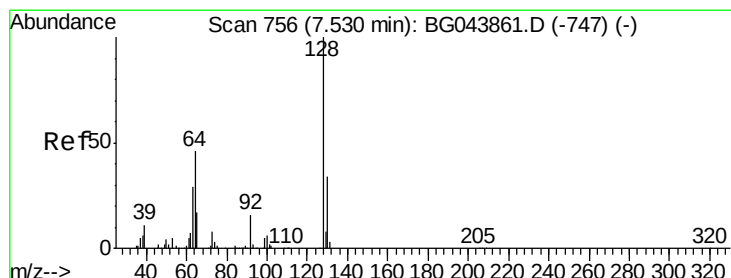
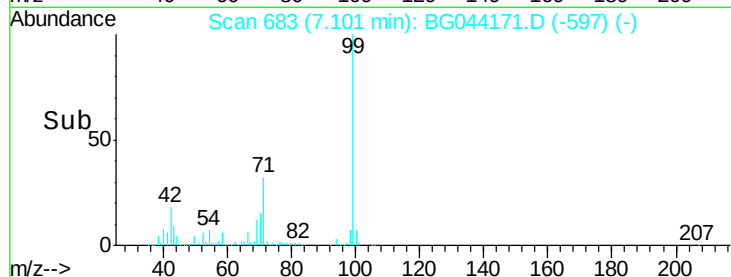
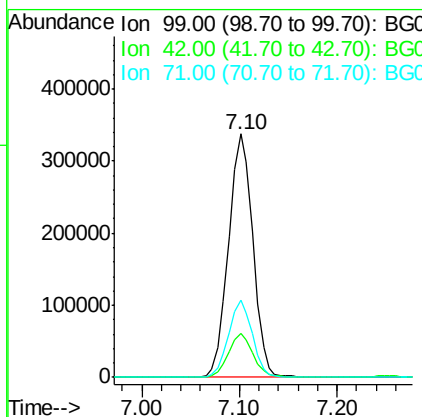
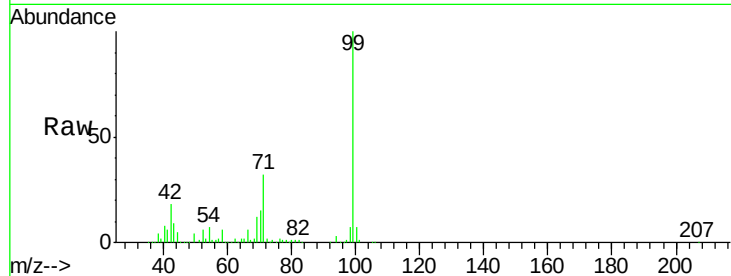
ClientSampled :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		585041		
42	18.0	14.9	22.3		
71	31.8	26.4	39.6		

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#8

2-Chlorophenol

Concen: 54.052 ng

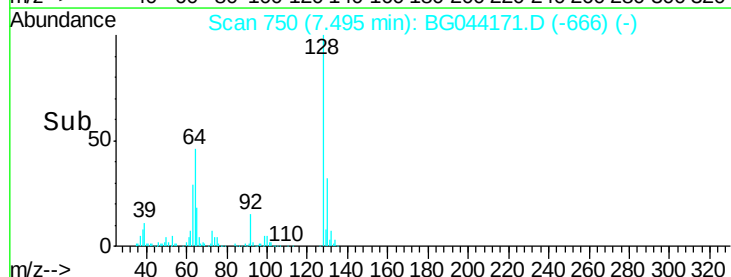
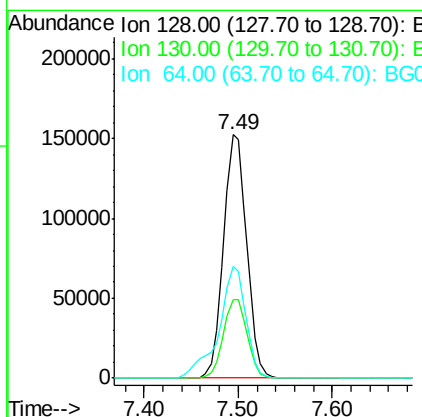
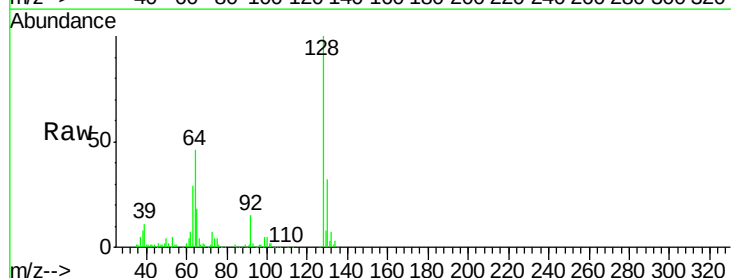
RT: 7.49 min Scan# 750

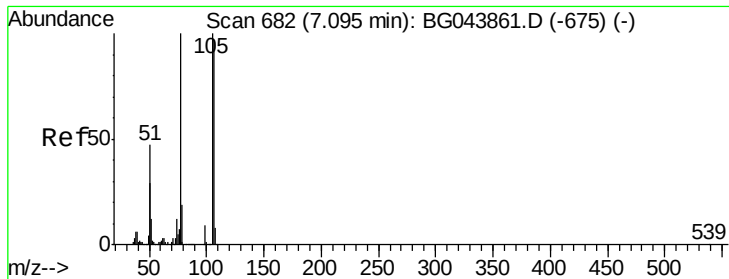
Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		261930		
130	32.2	13.8	53.8		
64	46.1	27.6	67.6		





#9

Benzaldehyde

Concen: 35.791 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

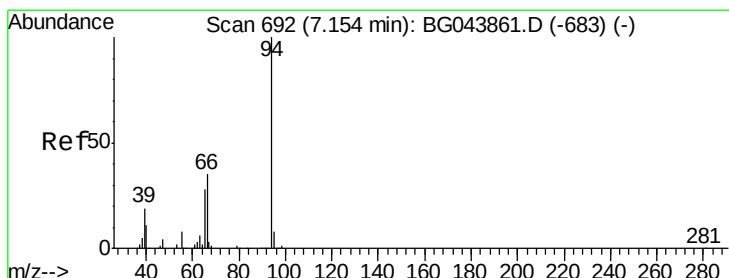
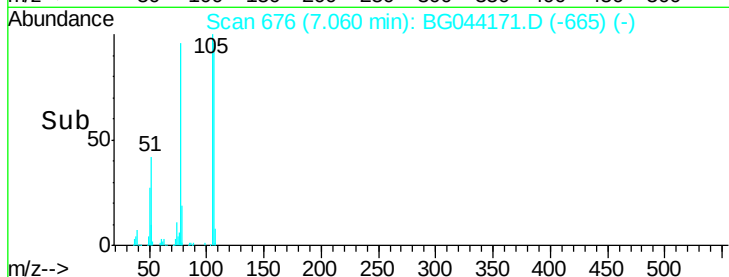
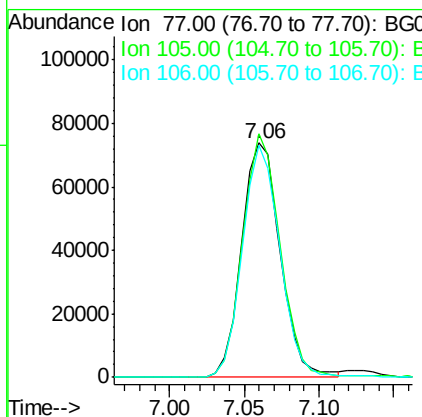
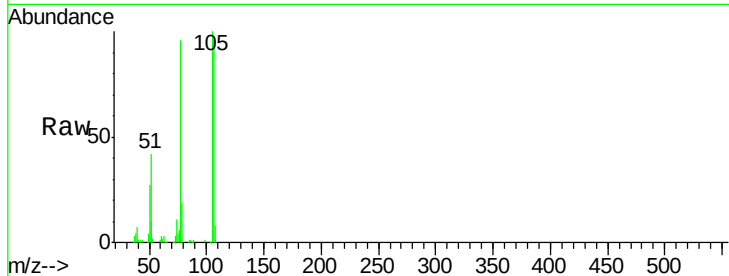
ClientSampled :

PB126290BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.0	80.2	120.2
106	99.4	77.2	117.2

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#10

Phenol

Concen: 54.463 ng

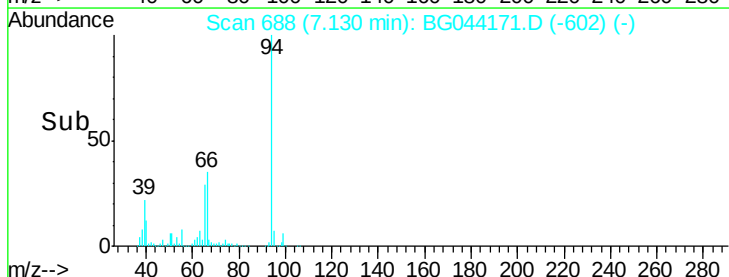
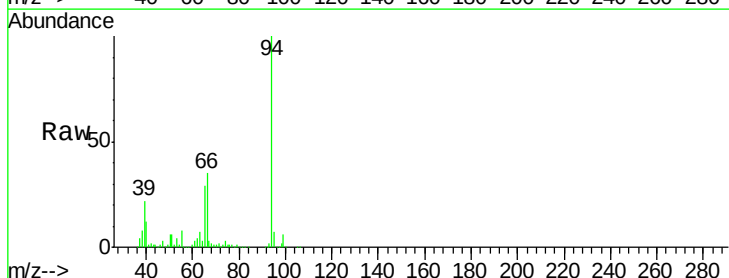
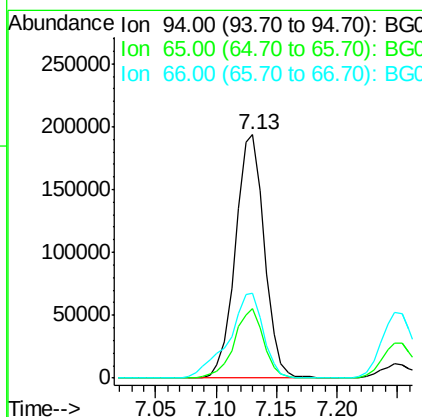
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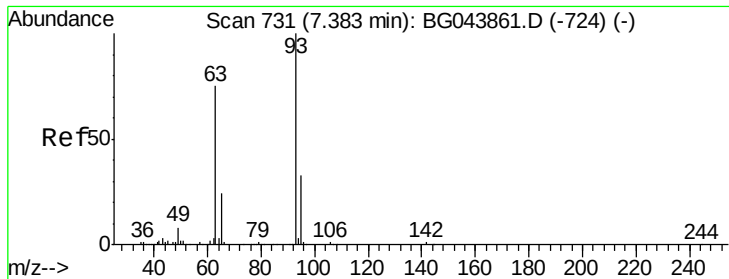
Delta R.T. -0.02 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.1	48.1
66	35.1	15.6	55.6





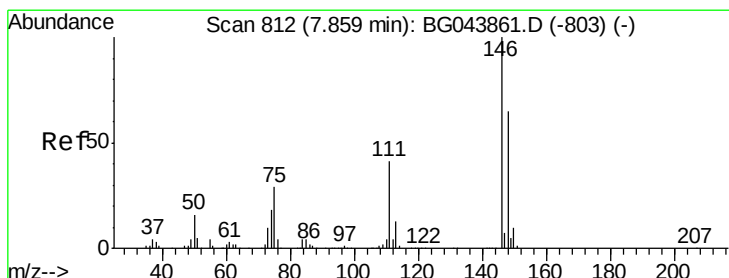
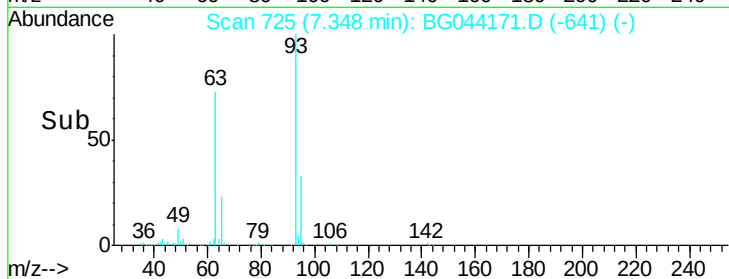
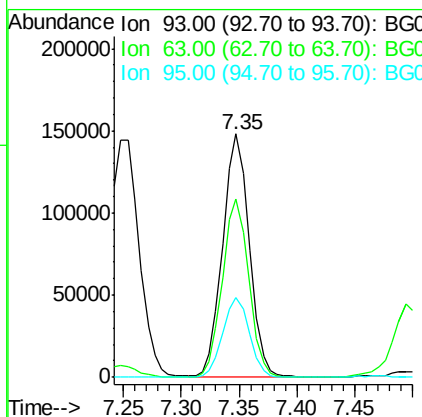
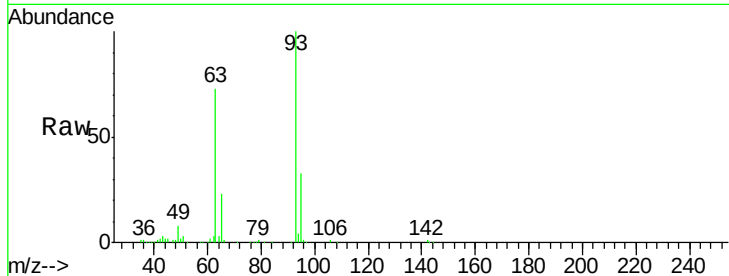
#11
bis(2-Chloroethyl)ether
Concen: 46.314 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	237658		
63	73.1		55.0	95.0
95	32.9		13.3	53.3

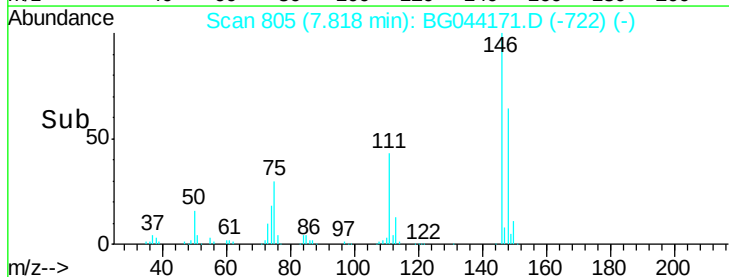
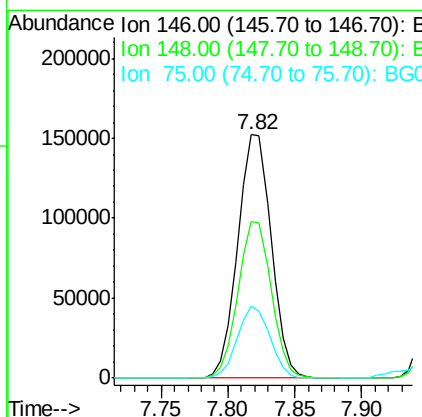
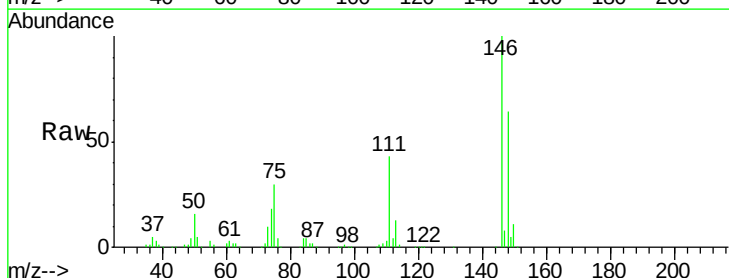
Manual Integrations
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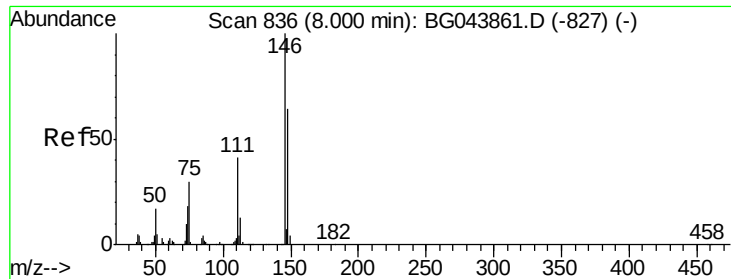
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.692 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	264772		
148	64.2		52.1	78.1
75	29.6		23.0	34.4





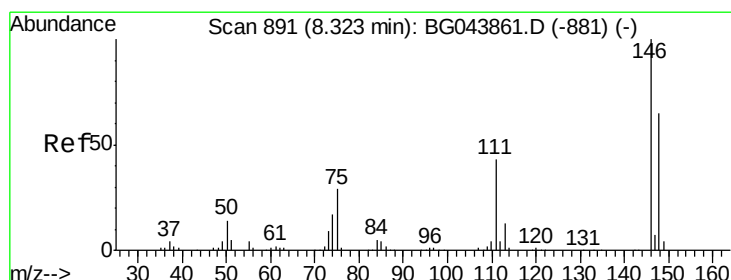
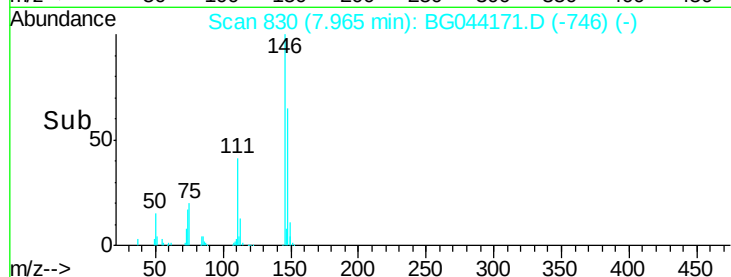
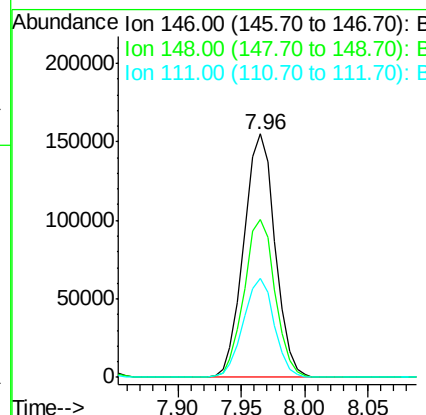
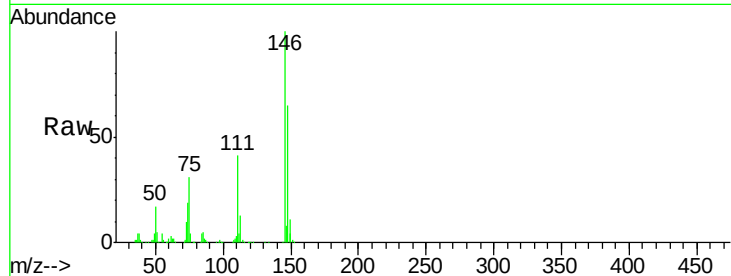
#13
1,4-Dichlorobenzene
Concen: 47.486 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.2	76.8
111	40.6	33.1	49.7

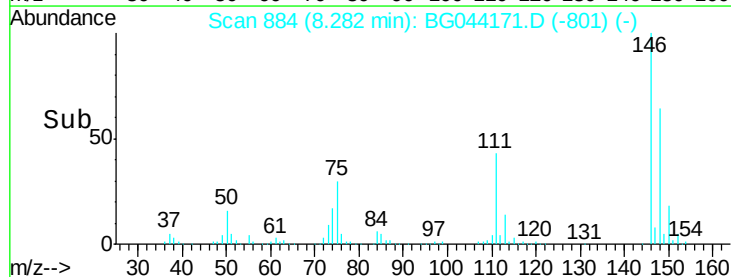
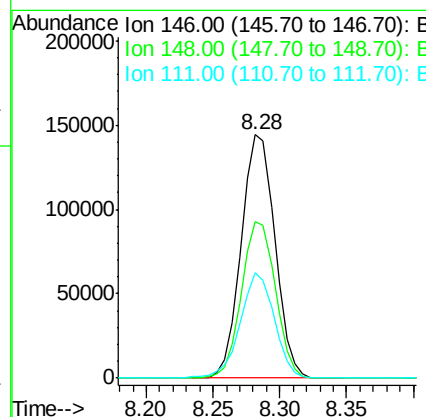
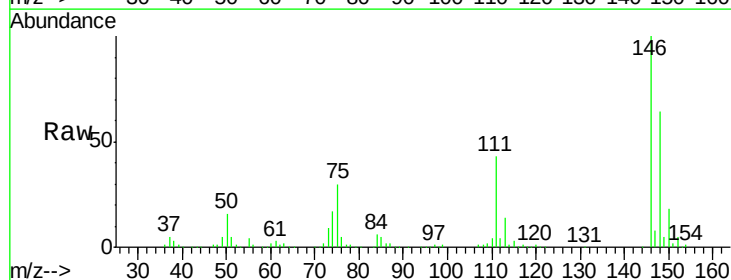
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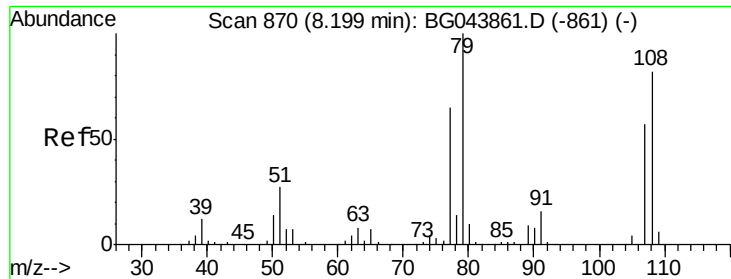
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#14
1,2-Dichlorobenzene
Concen: 47.004 ng
RT: 8.28 min Scan# 884
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.7	77.5
111	43.5	34.4	51.6





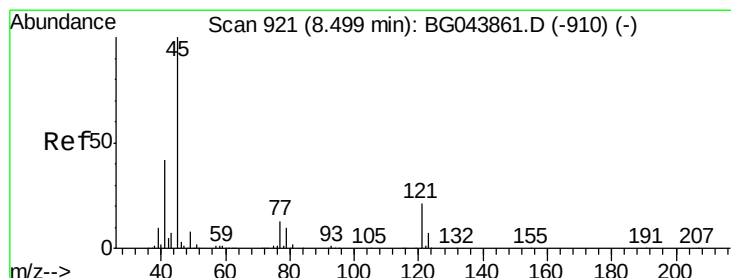
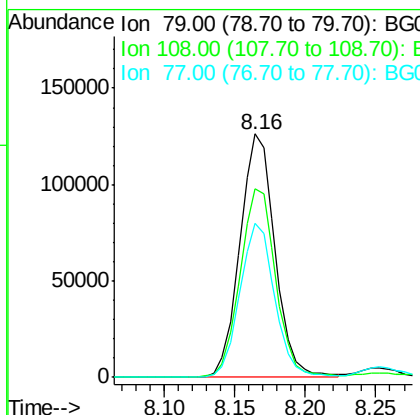
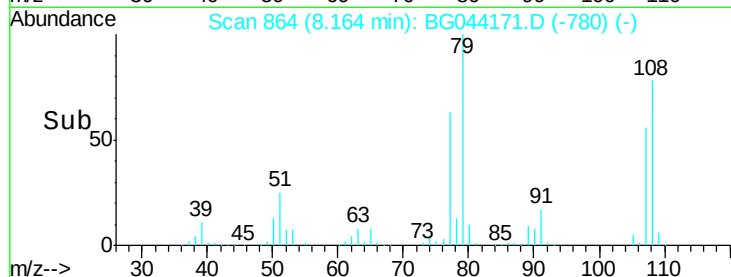
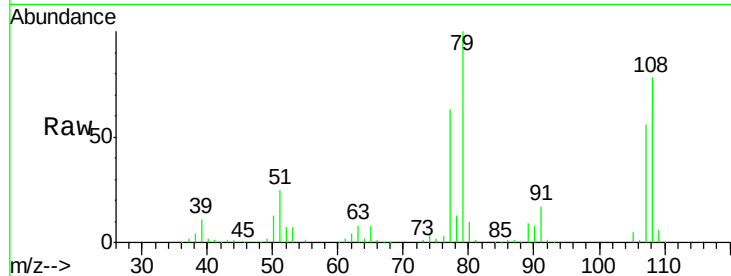
#15
Benzyl Alcohol
Concen: 48.073 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	77.7	65.6	98.4	
77	63.2	52.0	78.0	

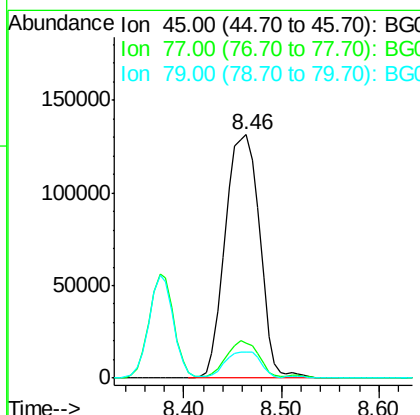
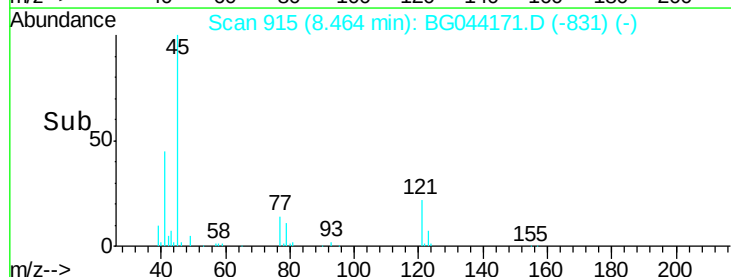
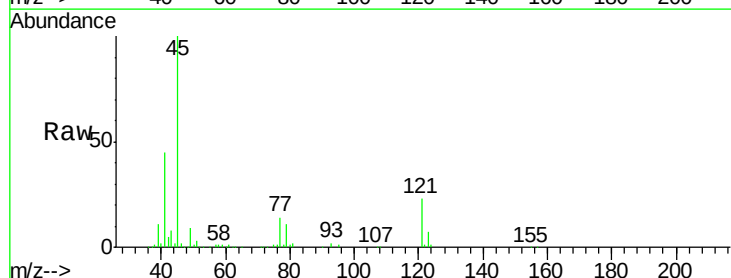
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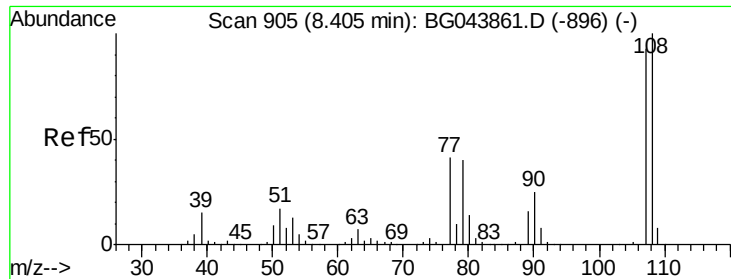
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.627 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.5	0.0	33.8	
79	10.7	0.0	31.0	





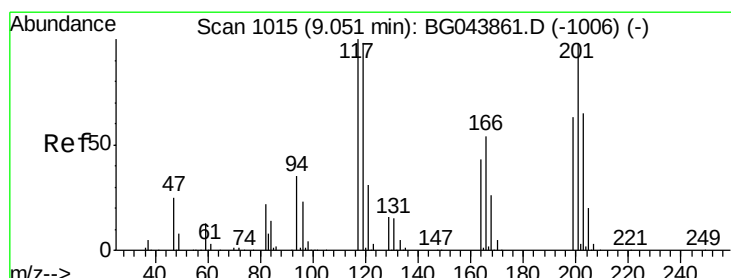
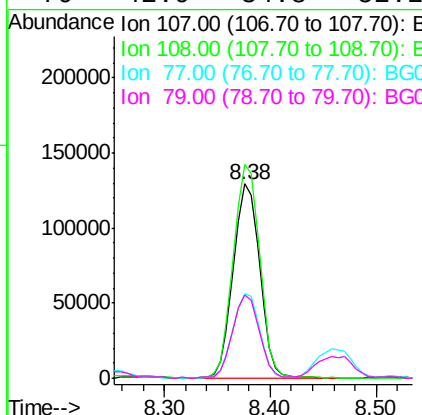
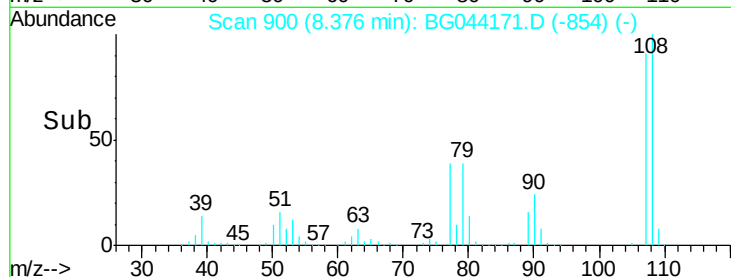
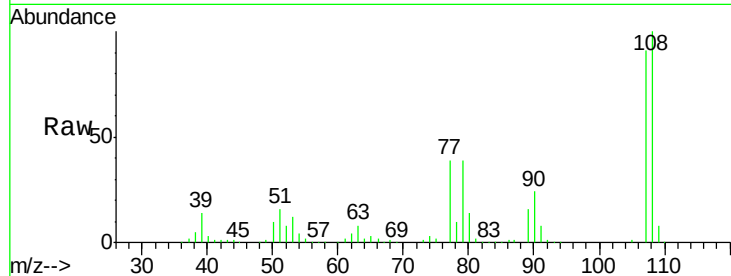
#17
2-Methylphenol
Concen: 52.079 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.1	86.1	129.1
77	43.3	35.4	53.0
79	42.9	34.8	52.2

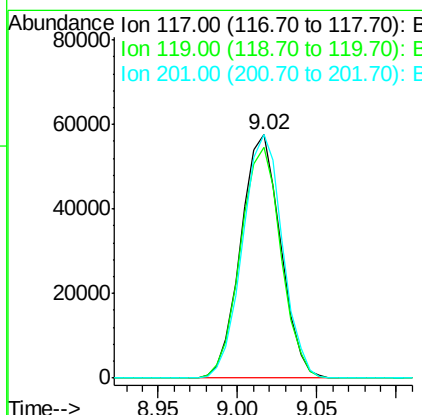
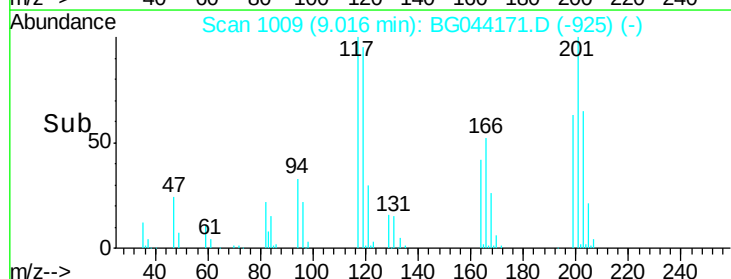
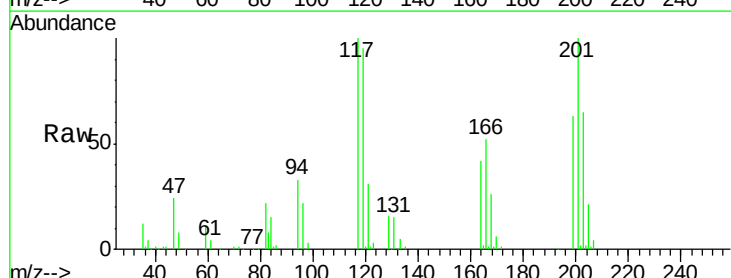
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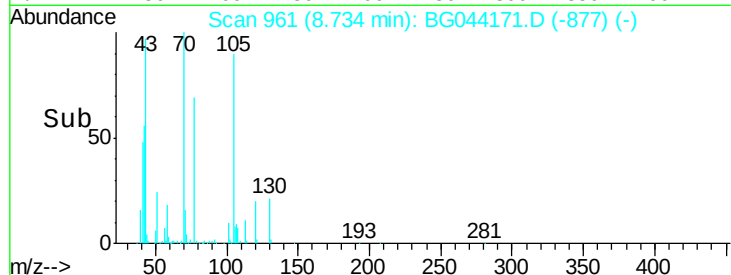
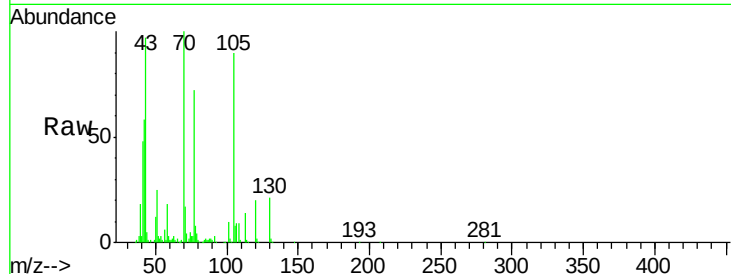
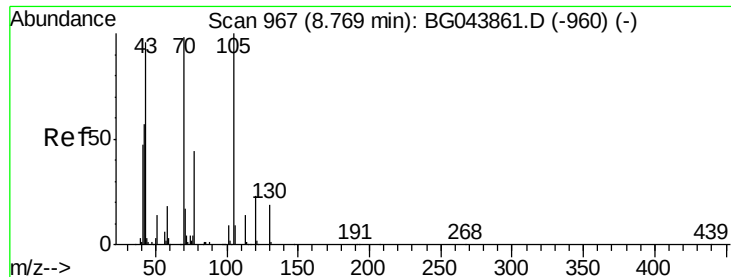
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#18
Hexachloroethane
Concen: 46.204 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.1	117.1
201	99.8	78.6	117.8





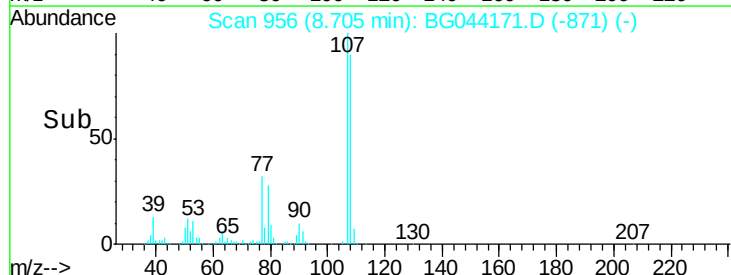
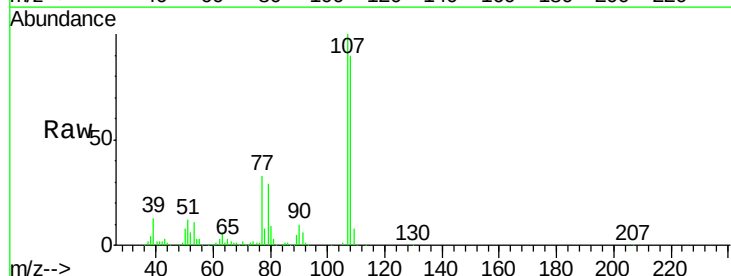
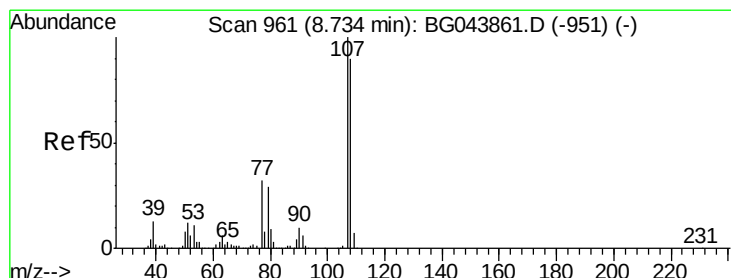
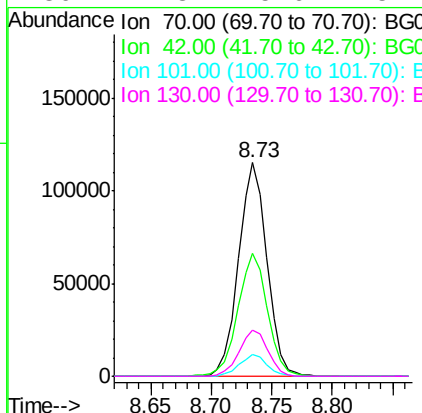
#19
n-Nitroso-di-n-propylamine
Concen: 43.799 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Manual Integrations
APPROVED

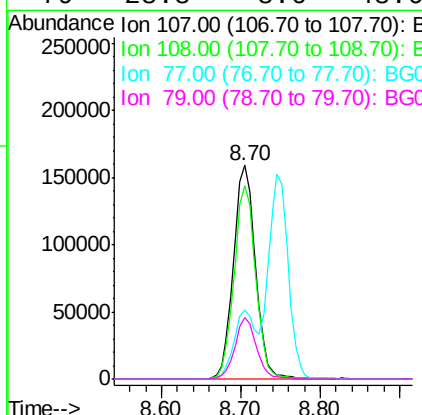
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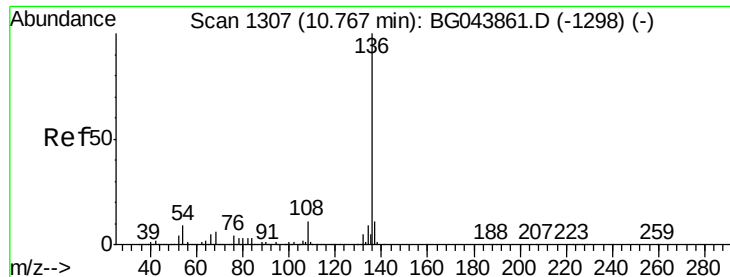
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.8	47.0	70.4	
101	10.3	7.2	10.8	
130	21.3	15.6	23.4	



#20
3+4-Methylphenols
Concen: 51.126 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	70.3	110.3	
77	32.6	12.4	52.4	
79	28.8	8.6	48.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

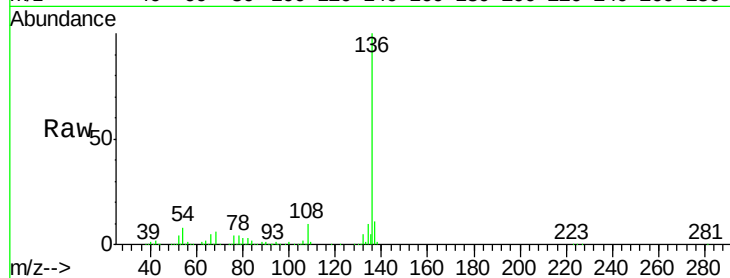
ClientSampleId :

PB126290BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		317287		
137	11.4	8.8	13.2		
54	8.2	7.0	10.4		
68	6.2	4.9	7.3		

Manual Integrations
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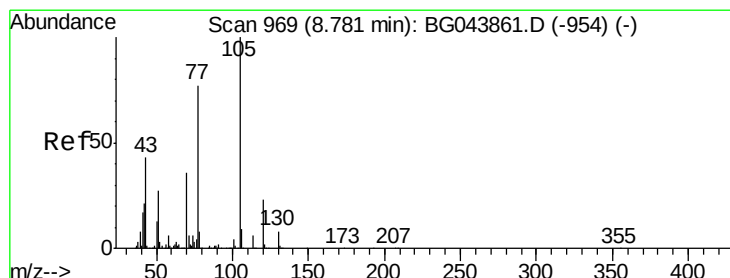
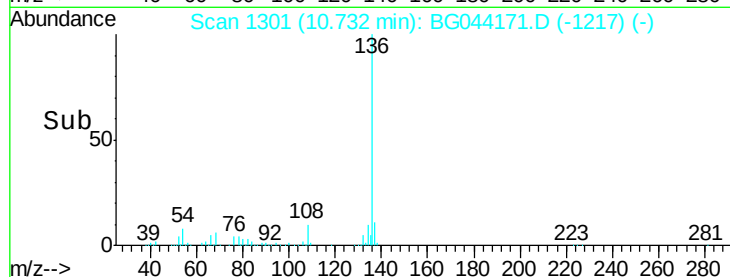
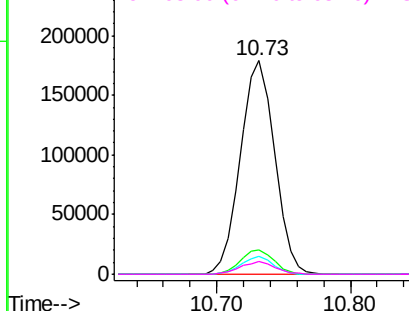
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.650 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		352203		
71	5.7	4.8	7.2		
51	25.9	21.4	32.0		
120	23.5	18.6	28.0		

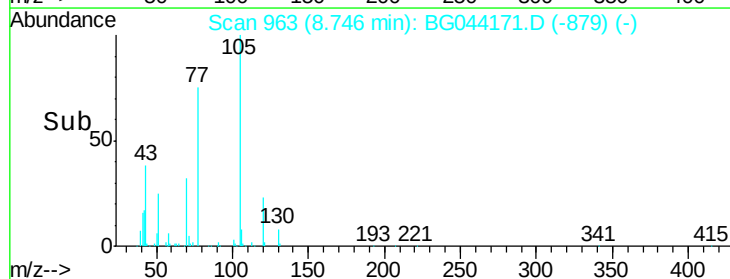
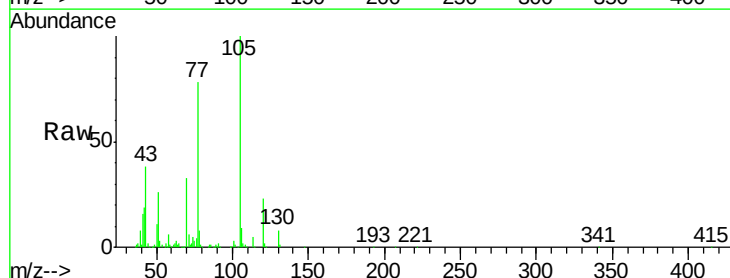
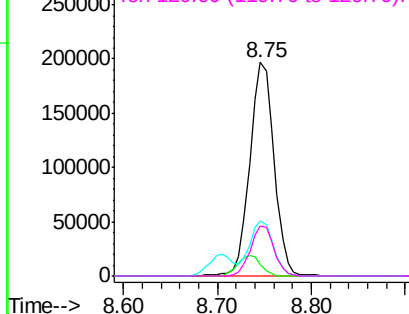
Abundance

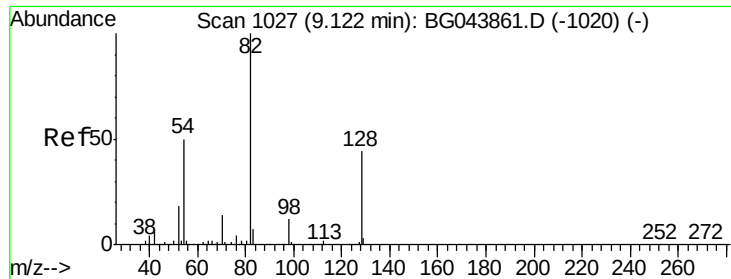
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





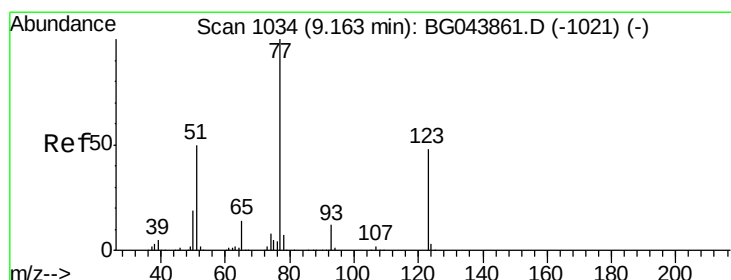
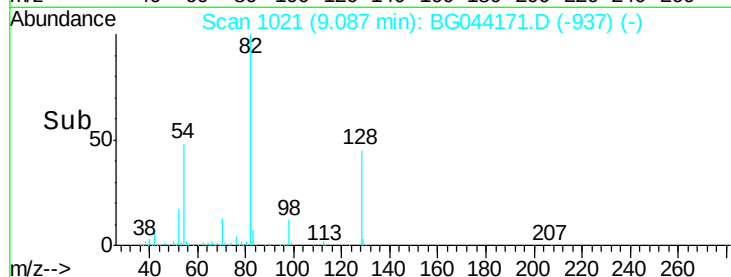
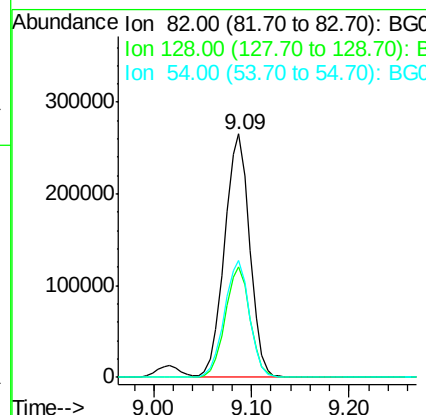
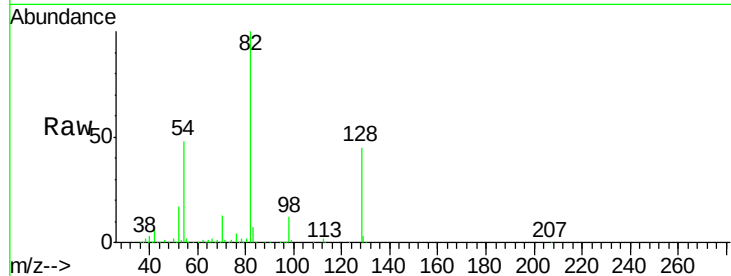
#23
 Nitrobenzene-d5
 Concen: 79.754 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.1	52.7
54	47.9	40.1	60.1

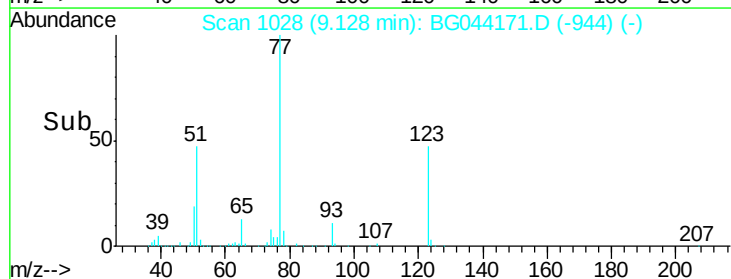
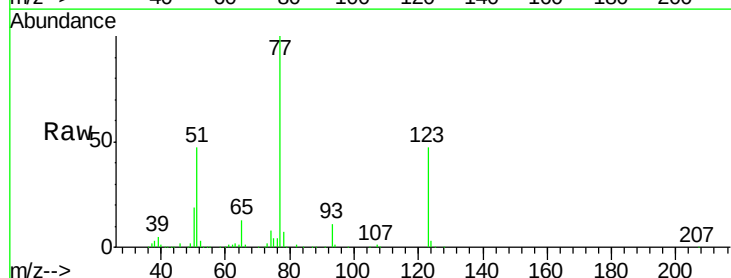
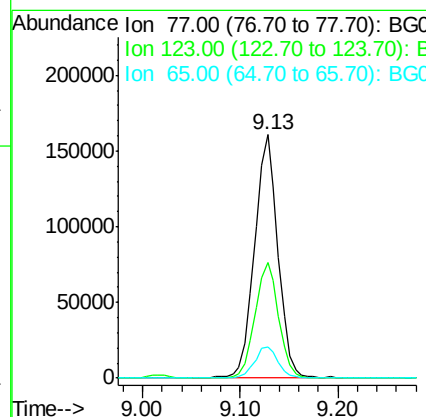
Manual Integrations
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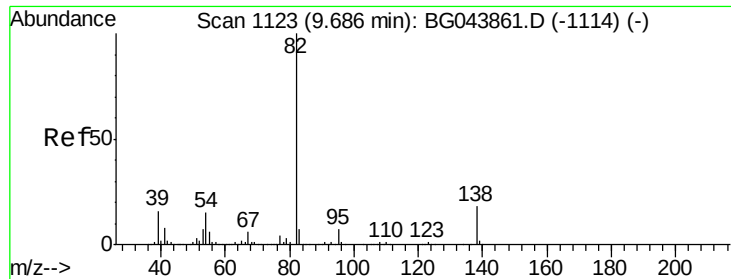
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#24
 Nitrobenzene
 Concen: 46.023 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	38.7	58.1
65	12.6	11.1	16.7





#25

Isophorone

Concen: 46.275 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

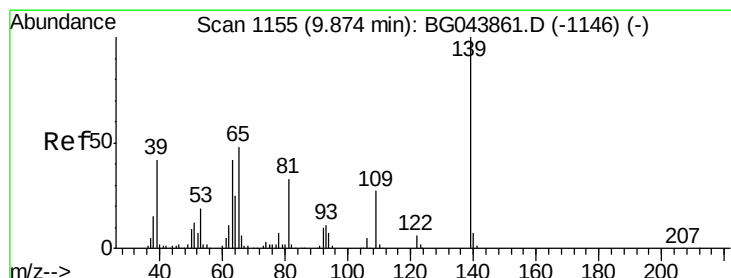
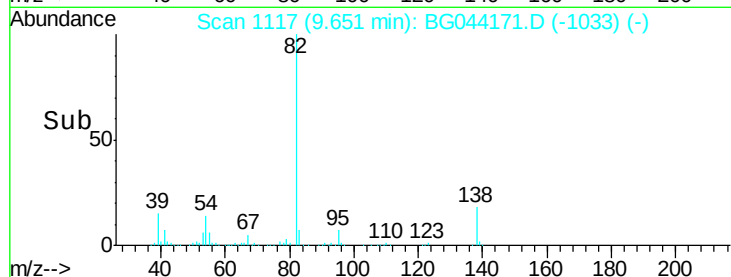
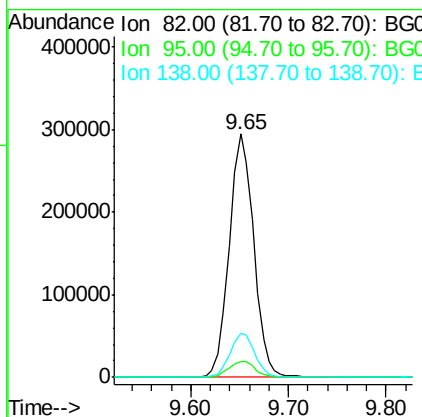
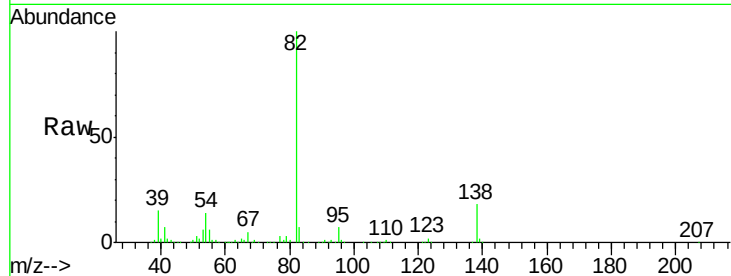
ClientSampleId :

PB126290BS

Tot Ion:	82	Resp:	514910
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.8	8.6
138	18.2	14.6	22.0

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#26

2-Nitrophenol

Concen: 52.930 ng

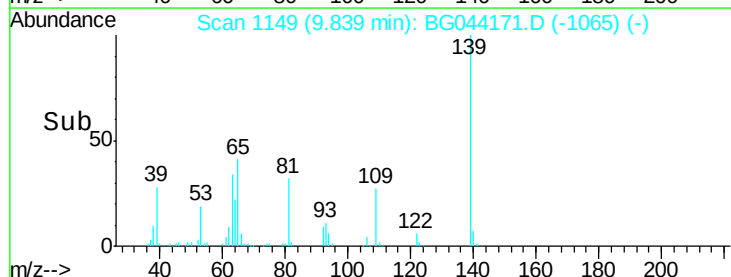
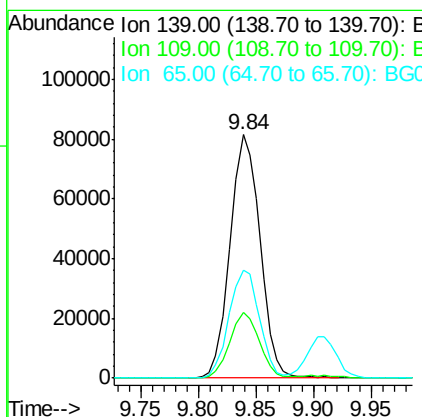
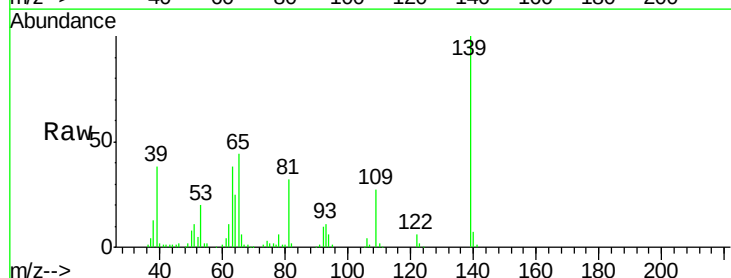
RT: 9.84 min Scan# 1149

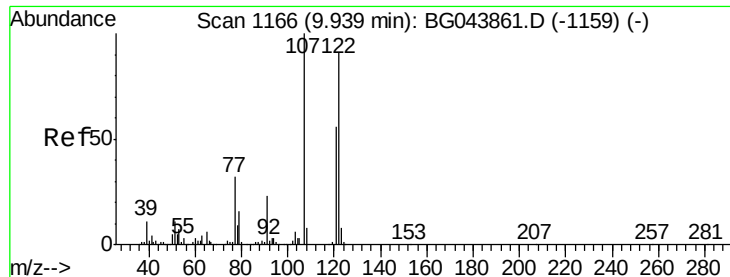
Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Tgt Ion:	139	Resp:	147103
Ion Ratio	Lower	Upper	
139	100		
109	27.1	21.3	31.9
65	44.3	38.6	57.8





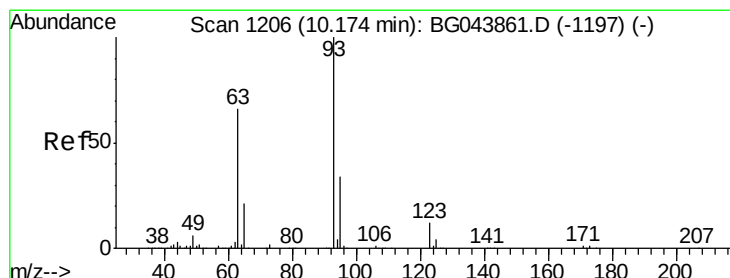
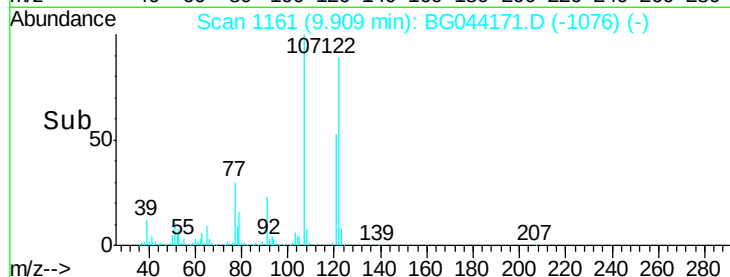
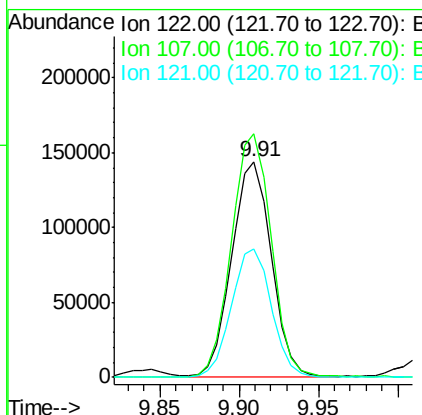
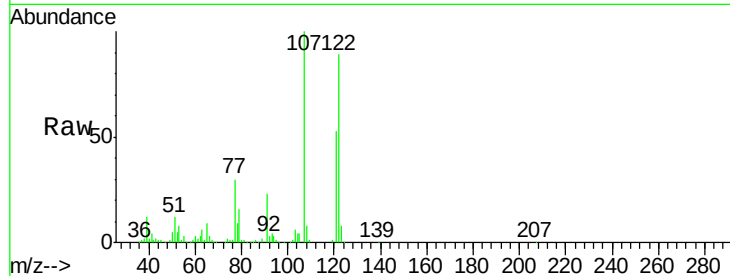
#27
 2,4-Dimethylphenol
 Concen: 59.365 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	248354		
107	112.7	88.0	132.0	
121	59.7	49.0	73.4	

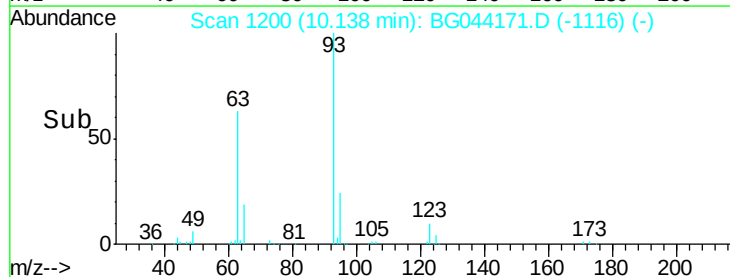
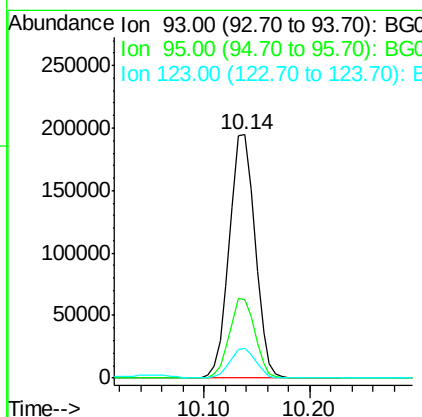
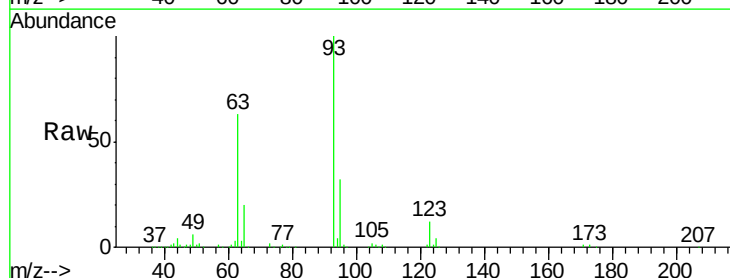
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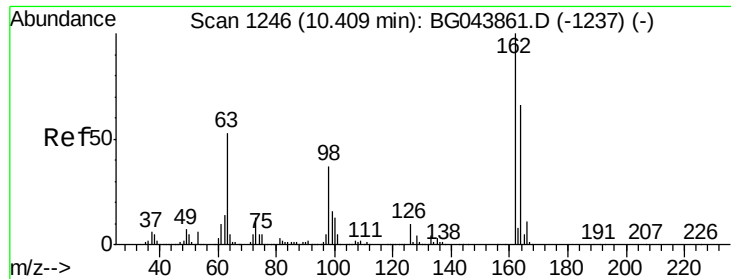
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.340 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.04 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	328931		
95	32.5	27.2	40.8	
123	12.1	9.7	14.5	





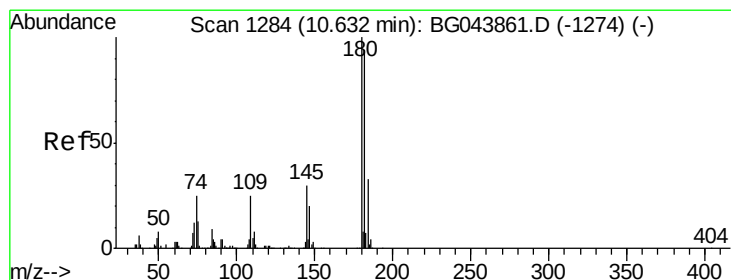
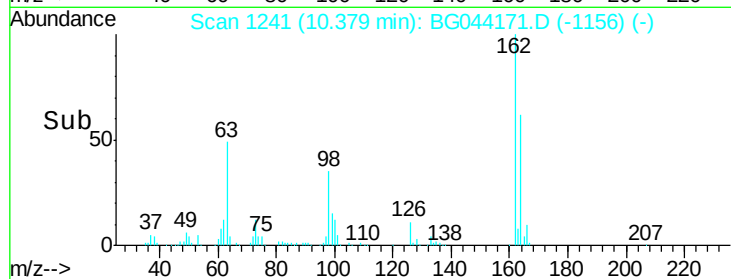
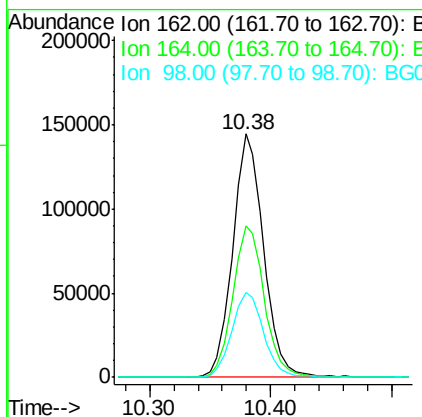
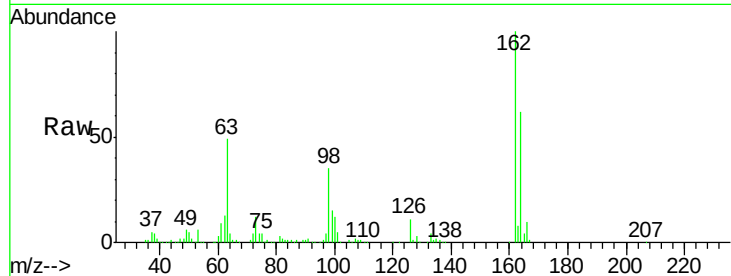
#29
 2,4-Dichlorophenol
 Concen: 51.693 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.03 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.2	46.3	86.3
98	35.0	17.3	57.3

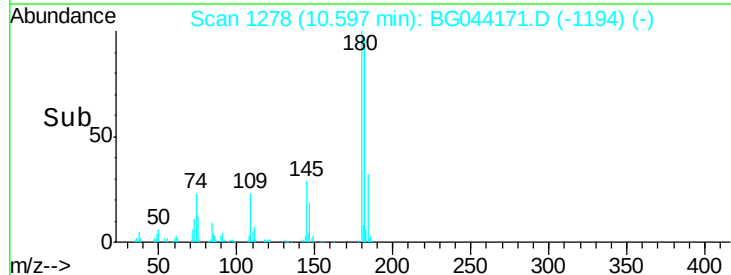
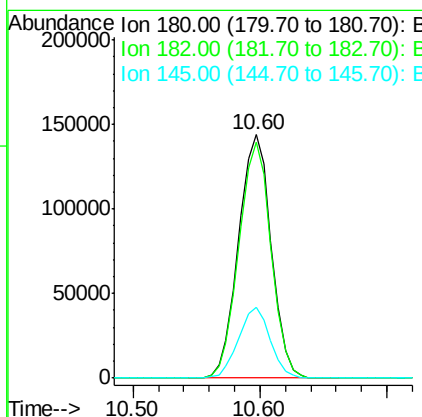
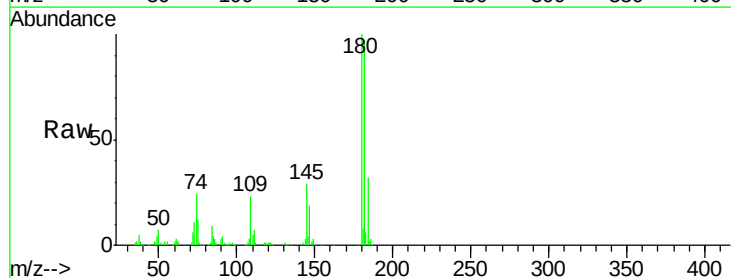
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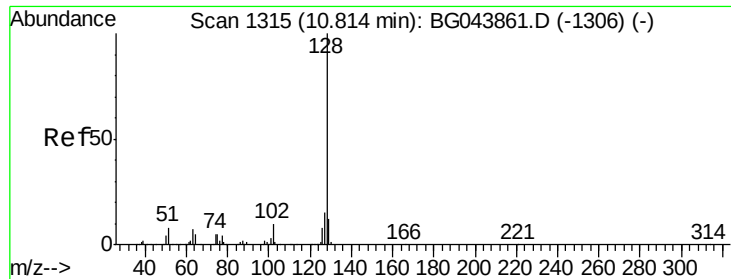
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.883 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.04 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.7	75.0	112.4
145	29.3	24.2	36.4





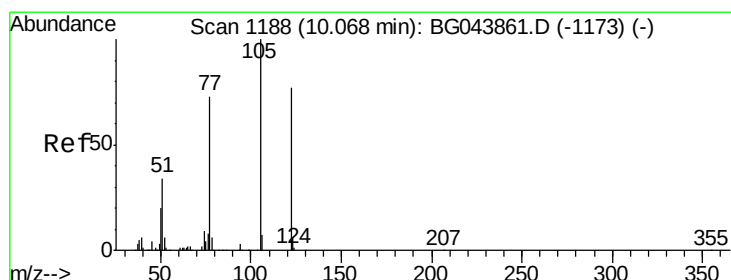
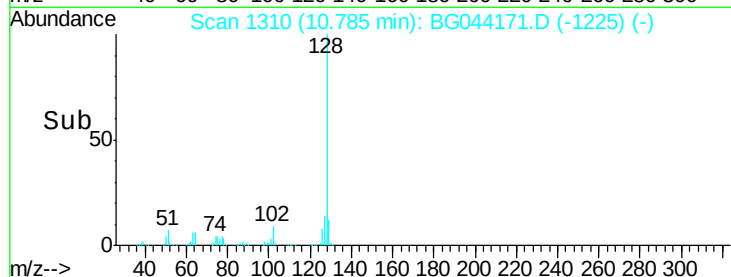
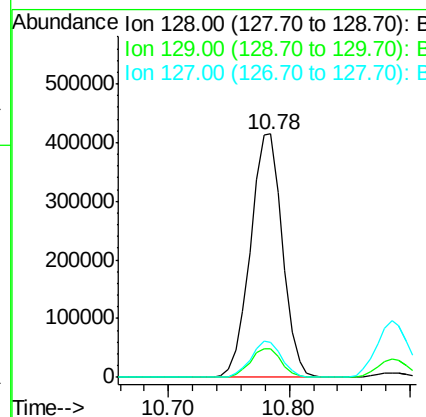
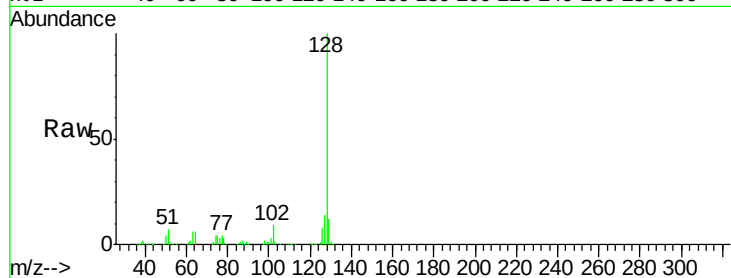
#31
Naphthalene
Concen: 49.700 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampled :
PB126290BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	763091		
129	12.0		9.8	14.6
127	14.3		12.0	18.0

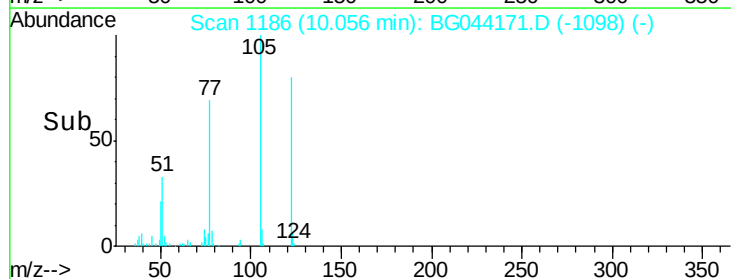
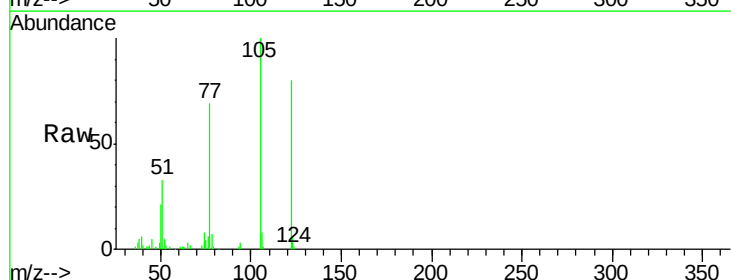
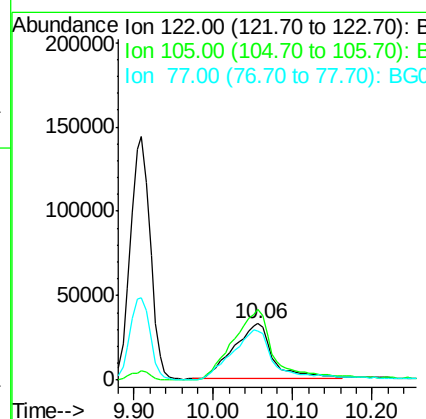
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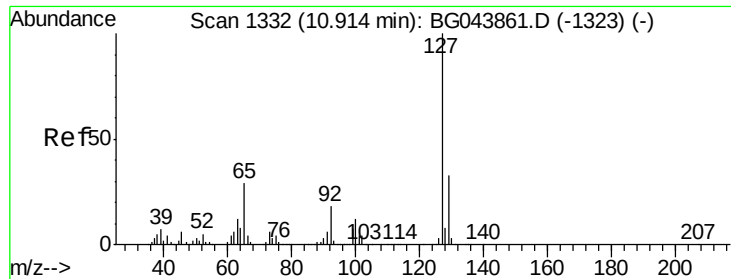
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#32
Benzoic acid
Concen: 35.740 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	115498		
105	124.8		106.4	146.4
77	86.5		74.6	114.6





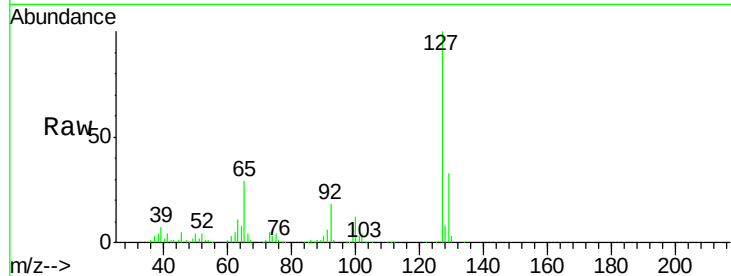
#33
4-Chloroaniline
Concen: 25.282 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

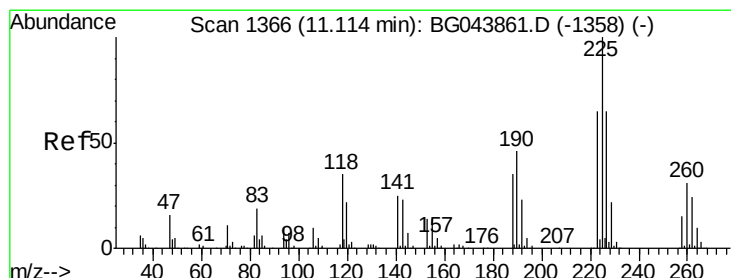
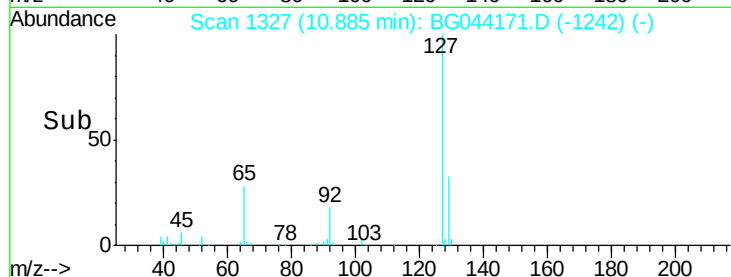
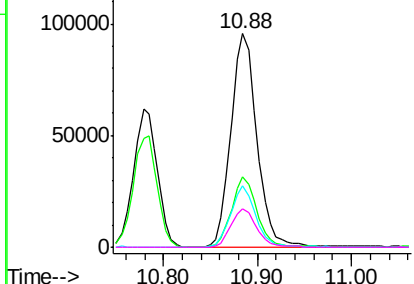
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		185149		
129	32.9	26.6	40.0		
65	28.9	23.3	34.9		
92	18.2	14.7	22.1		

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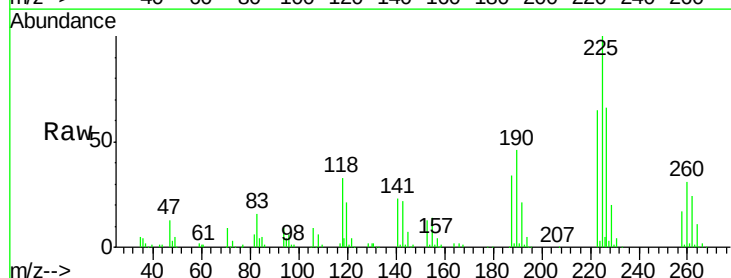


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

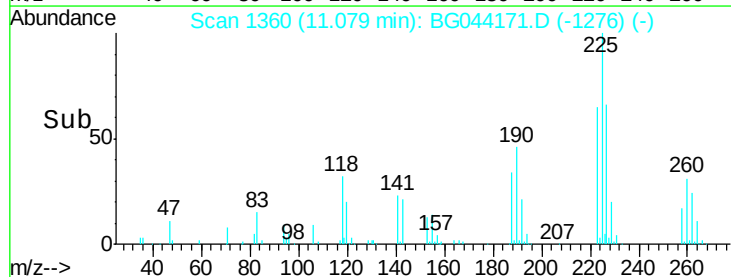
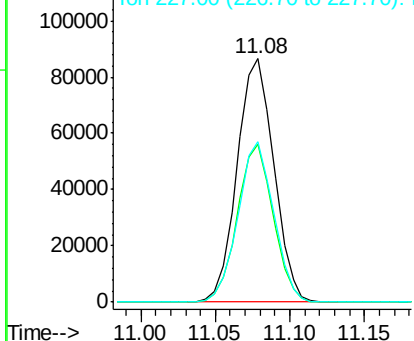


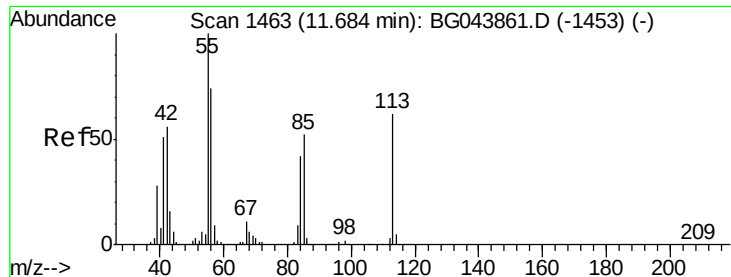
#34
Hexachlorobutadiene
Concen: 43.242 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		147725		
223	64.8	52.2	78.4		
227	66.0	52.1	78.1		



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 51.701 ng/mL

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

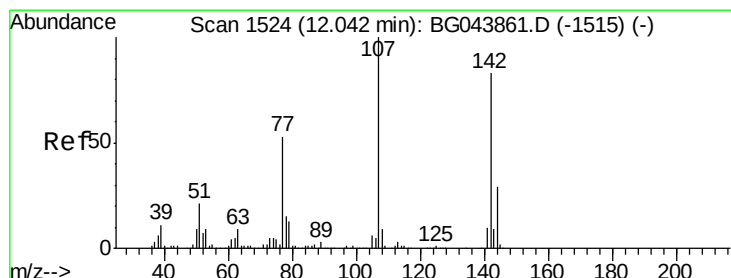
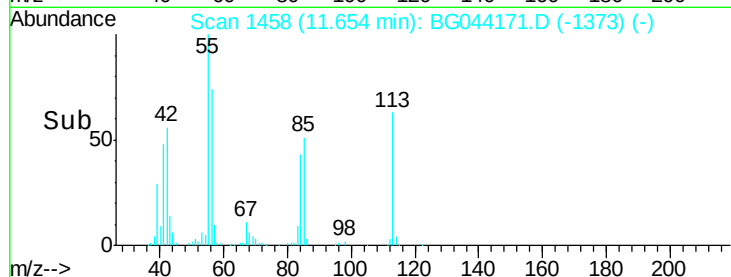
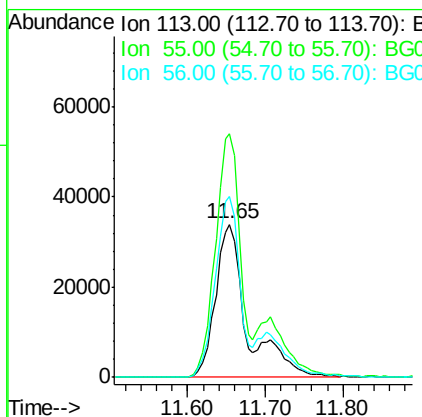
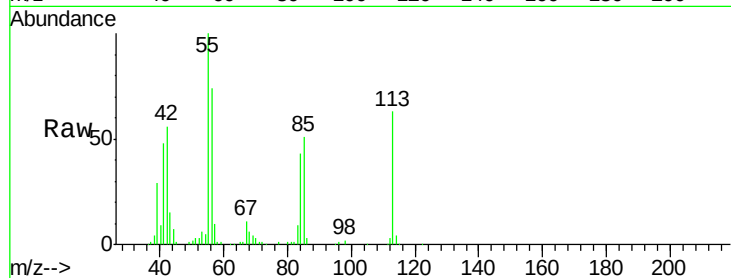
ClientSampleId :

PB126290BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.9	142.5	182.5
56	118.1	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 53.273 ng/mL

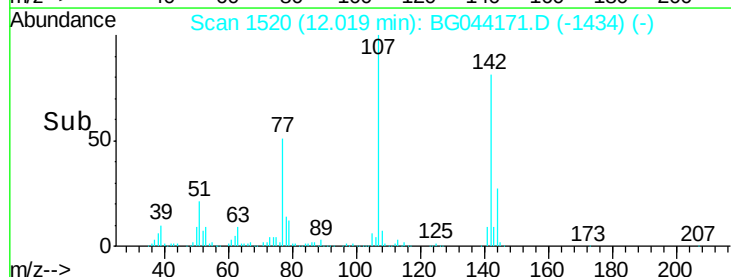
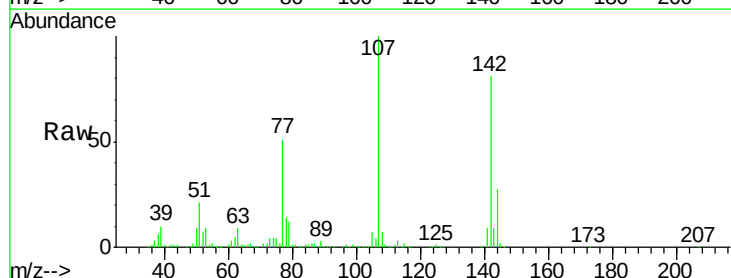
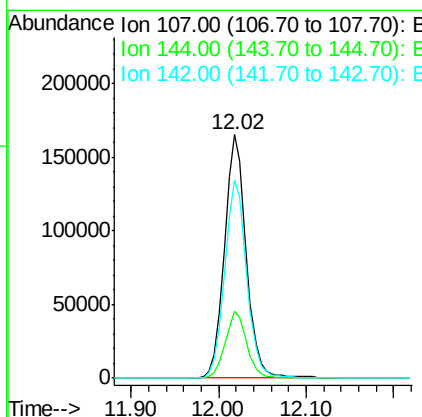
RT: 12.02 min Scan# 1520

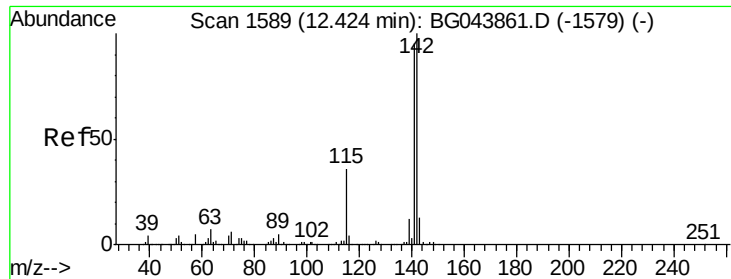
Delta R.T. -0.02 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	23.4	35.2
142	81.1	66.3	99.5





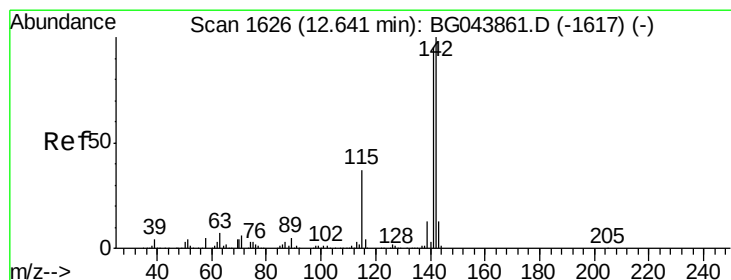
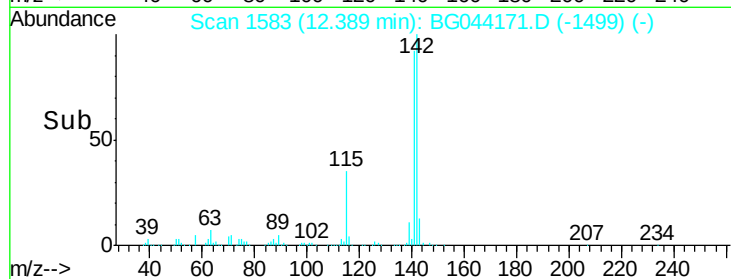
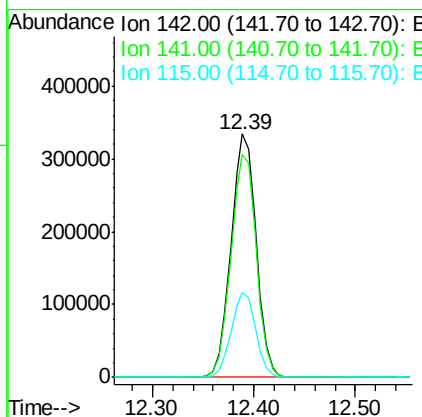
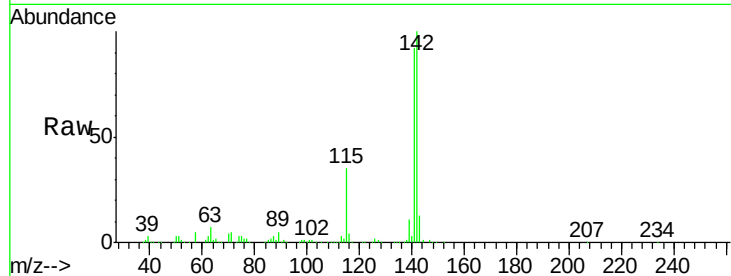
#37
2-Methylnaphthalene
Concen: 49.596 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	75.8	113.8
115	35.0	28.6	42.8

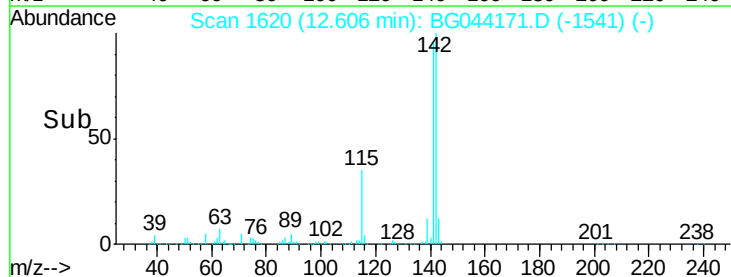
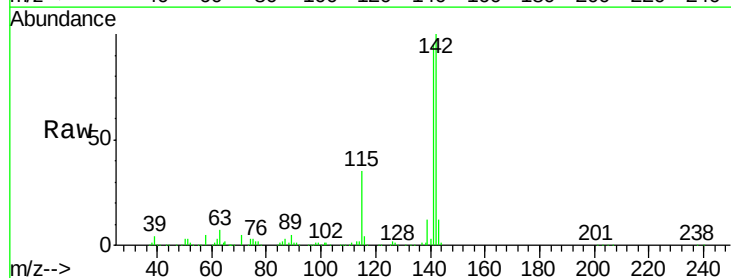
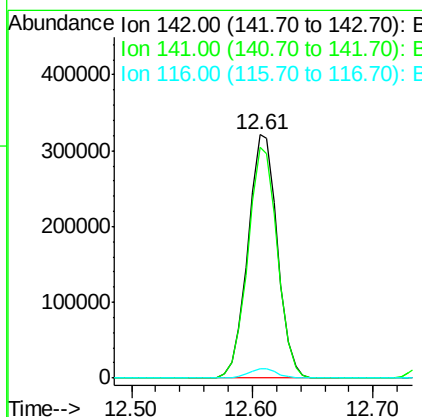
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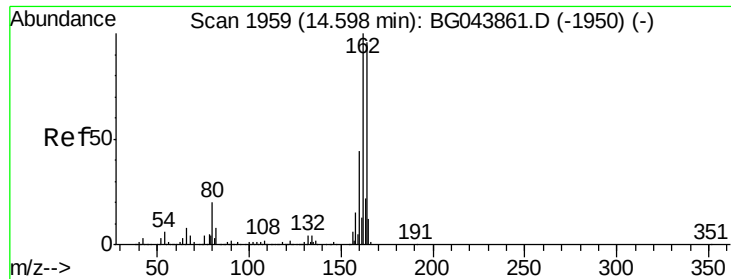
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#38
1-Methylnaphthalene
Concen: 49.738 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	76.0	114.0
116	3.8	3.1	4.7





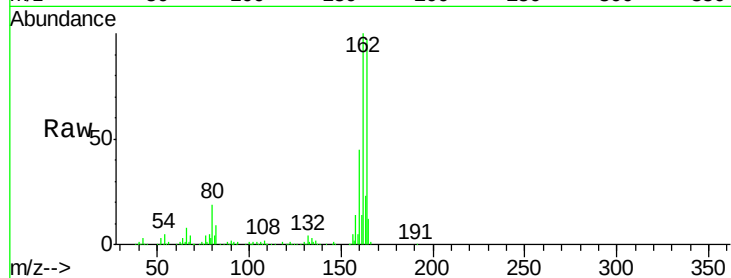
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	214428		
162	102.8	83.0	124.4	
160	46.0	36.1	54.1	

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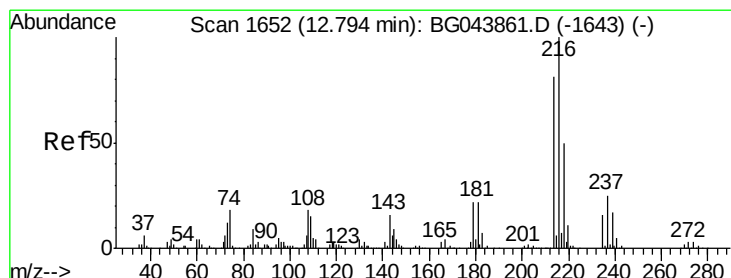
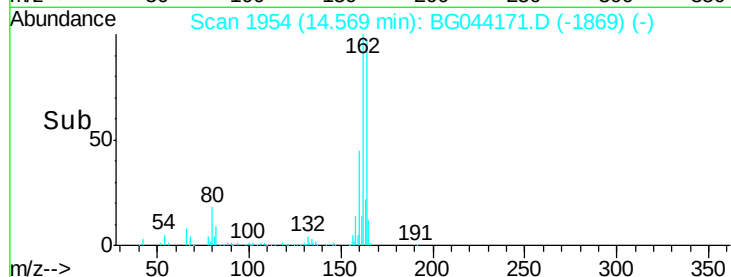
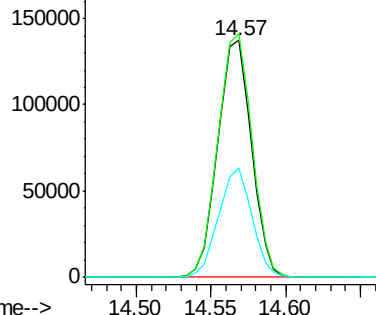


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.157 ng
RT: 12.76 min Scan# 1647
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	271238		
214	78.4	63.8	95.8	
179	21.2	17.3	25.9	
108	20.6	15.3	22.9	

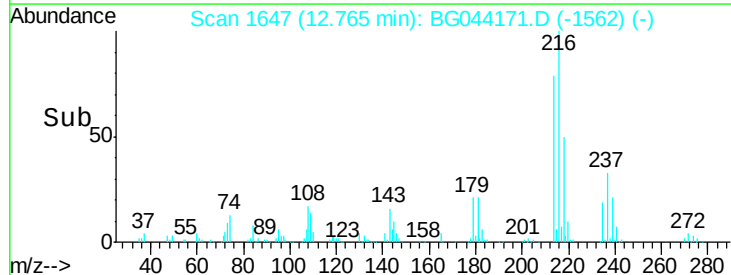
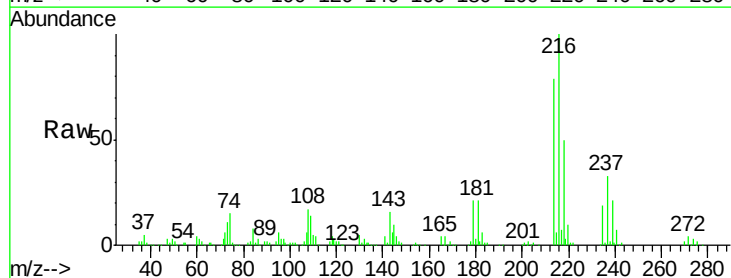
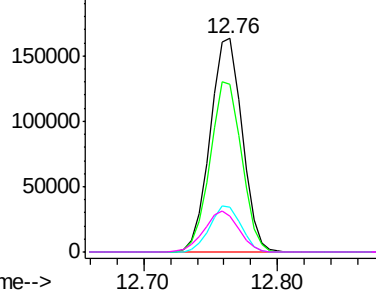
Abundance

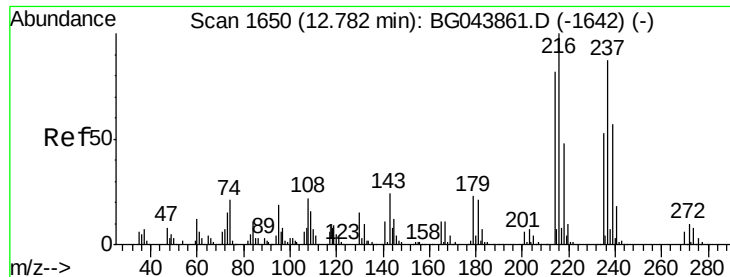
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 110.104 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

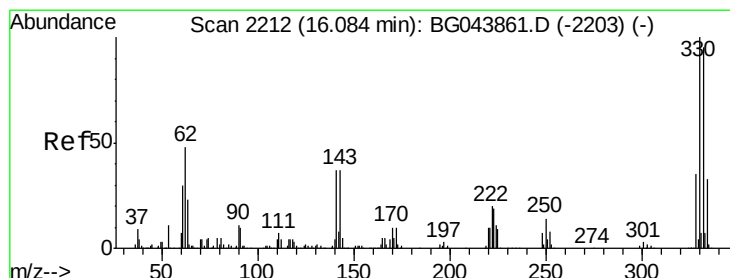
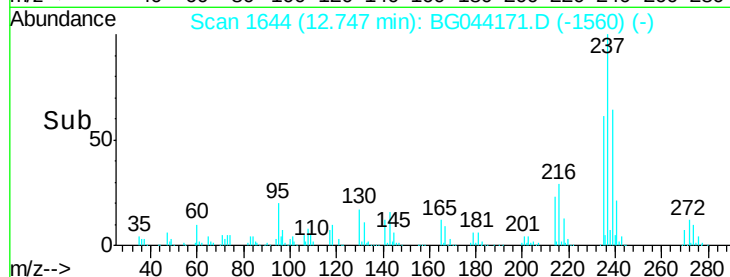
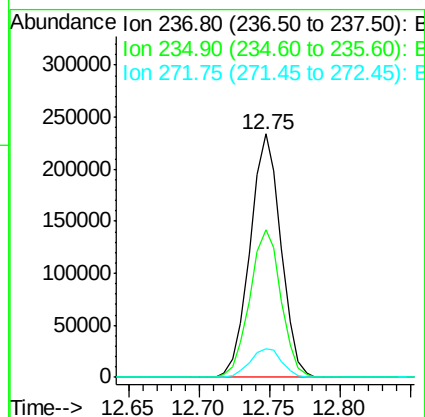
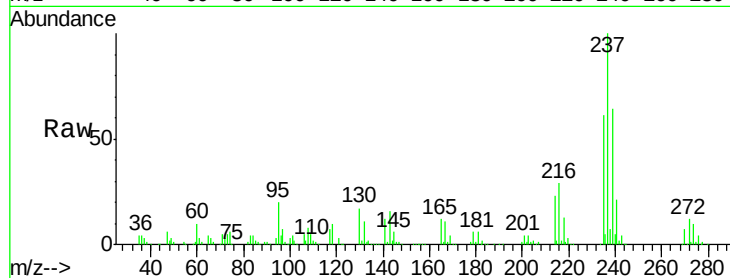
ClientSampleId :

PB126290BS

Tot Ion:	237	Resp:	358754
Ion Ratio	Lower	Upper	
237	100		
235	60.8	41.1	81.1
272	12.0	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 96.968 ng

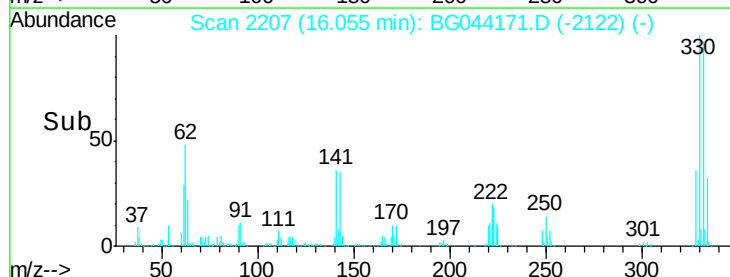
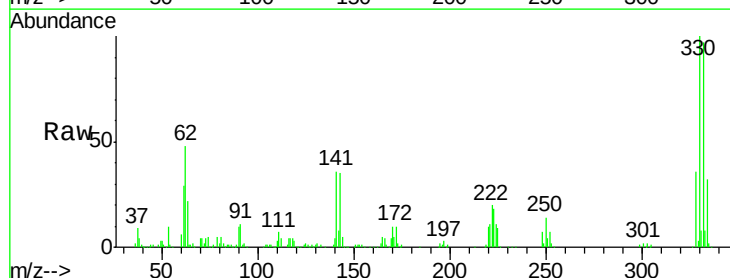
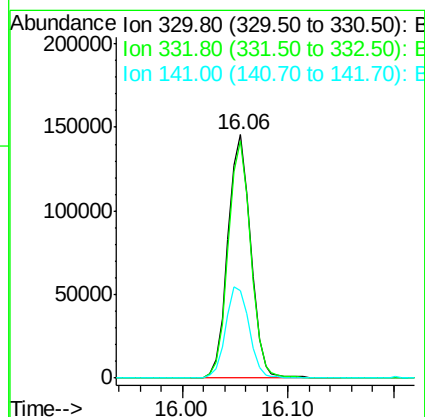
RT: 16.06 min Scan# 2207

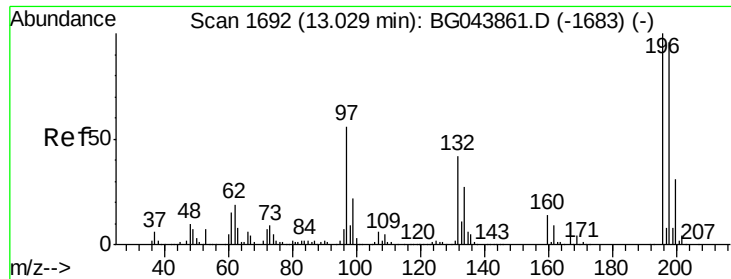
Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Tgt Ion:	330	Resp:	217590
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.2	115.8
141	38.7	33.1	49.7





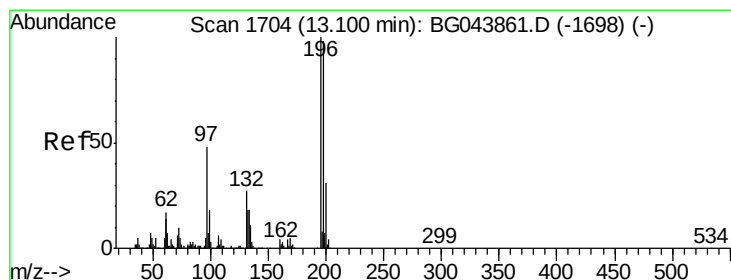
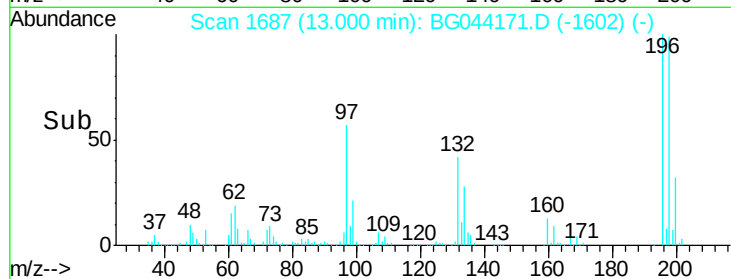
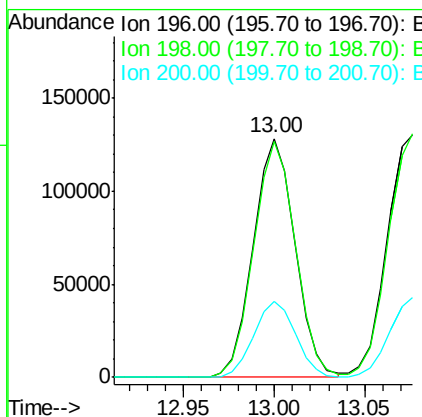
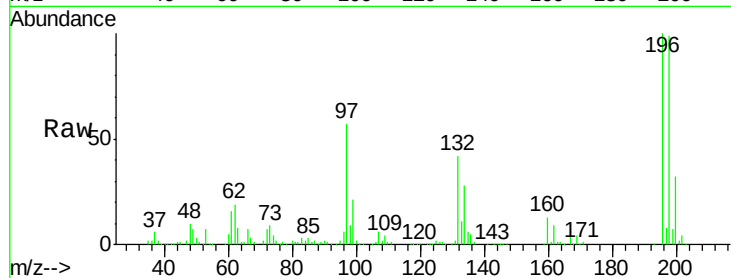
#43
 2,4,6-Trichlorophenol
 Concen: 47.512 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	205465		
198	98.8	76.6	115.0	
200	32.0	24.6	37.0	

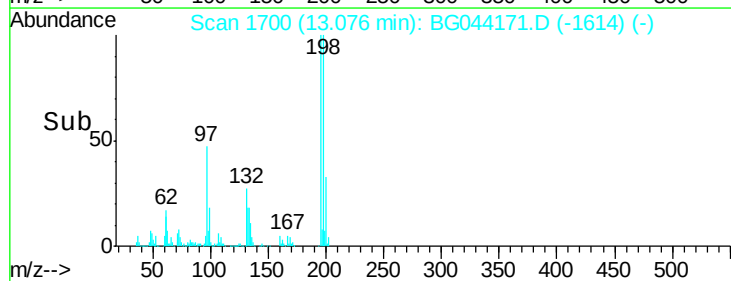
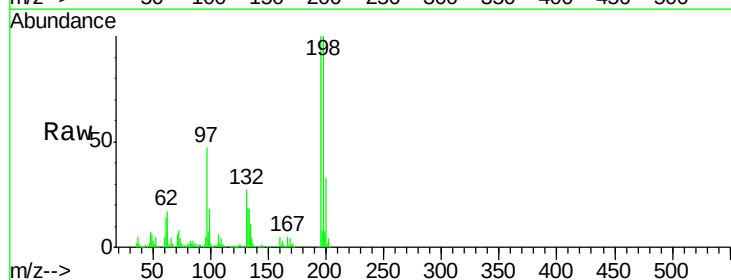
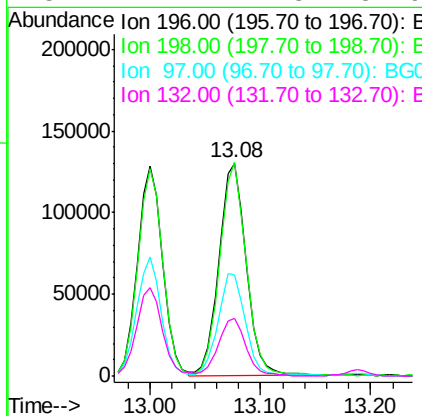
Manual Integrations
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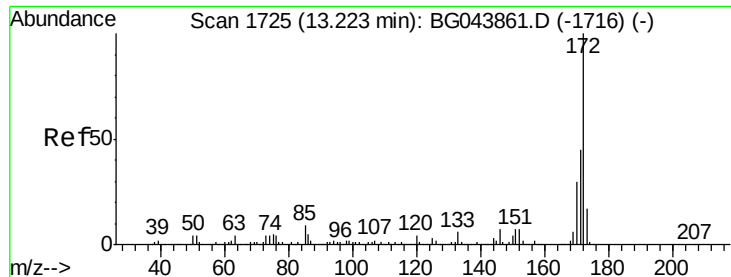
mohammad
 1/24/2020 1:53:42 PM



#44
 2,4,5-Trichlorophenol
 Concen: 50.341 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	224531		
198	100.2	78.3	117.5	
97	47.3	38.8	58.2	
132	27.1	21.3	31.9	





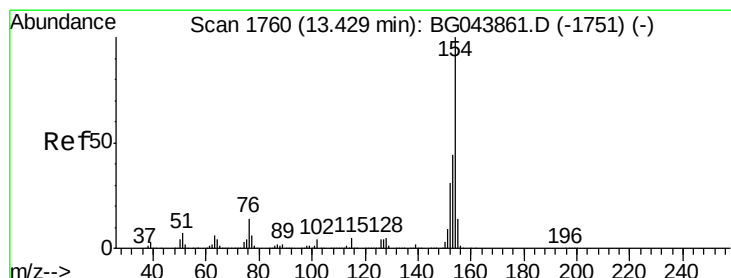
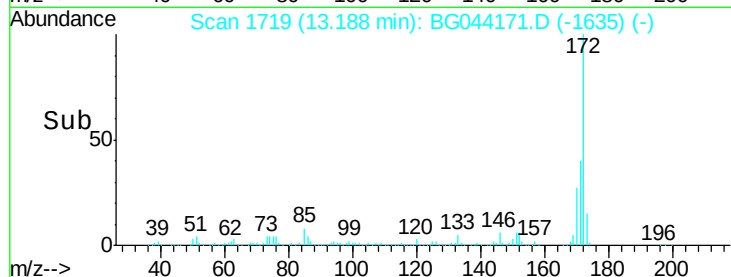
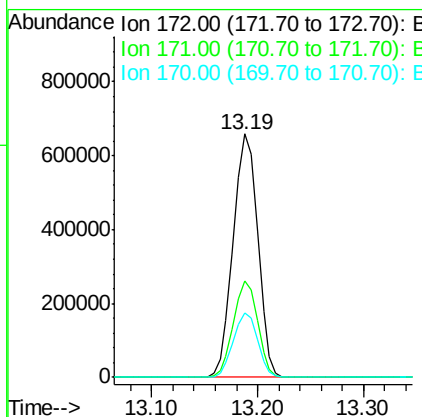
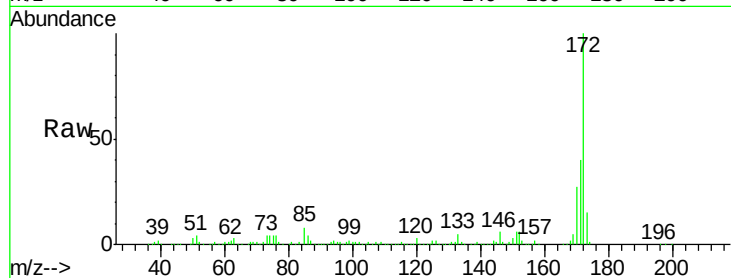
#45
2-Fluorobiphenyl
Concen: 89.378 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.9	35.8	53.8
170	26.7	24.2	36.4

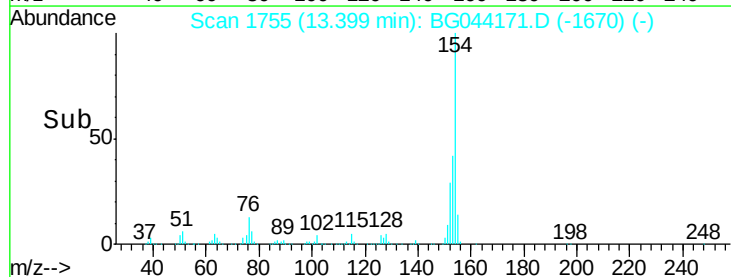
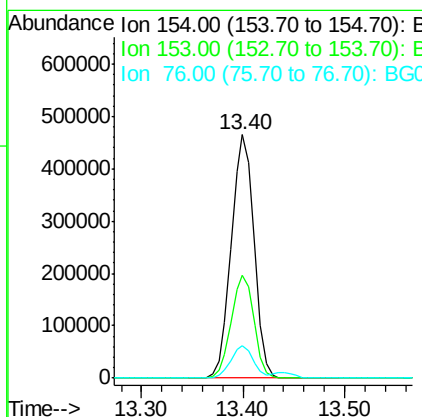
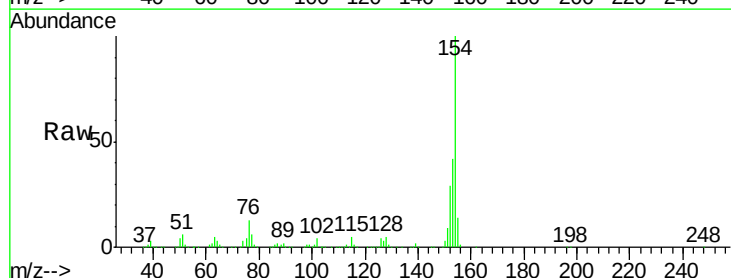
Manual Integrations
APPROVED

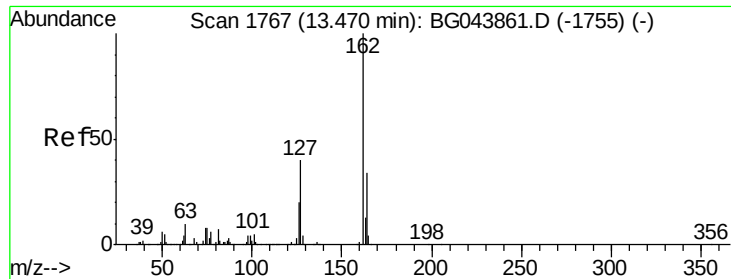
mohammad
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#46
1,1'-Biphenyl
Concen: 46.901 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	23.6	63.6
76	13.3	0.0	34.4





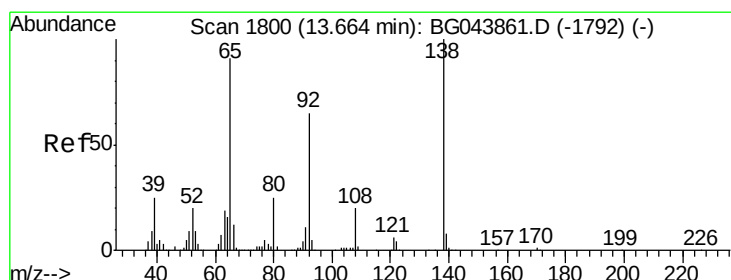
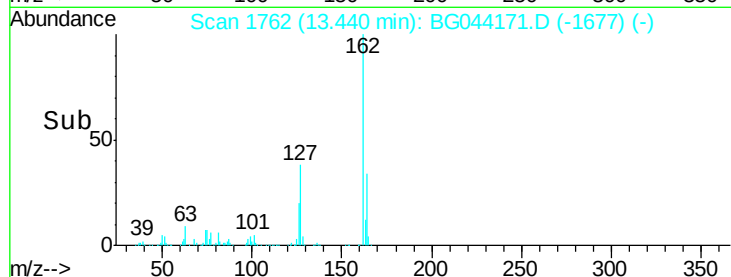
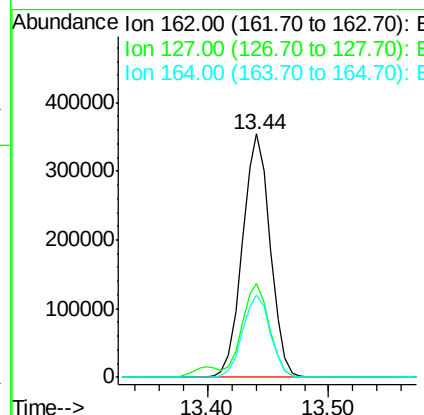
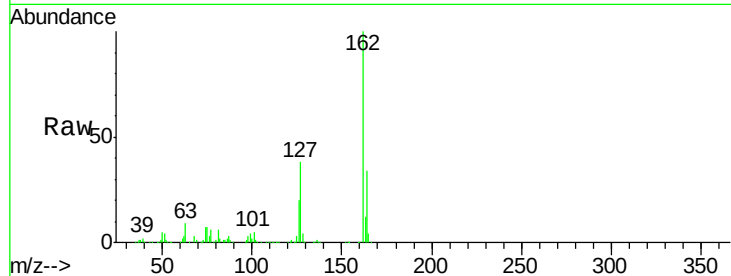
#47
 2-Chloronaphthalene
 Concen: 45.623 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. -0.03 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	566784		
127	38.3		32.1	48.1
164	34.0		27.5	41.3

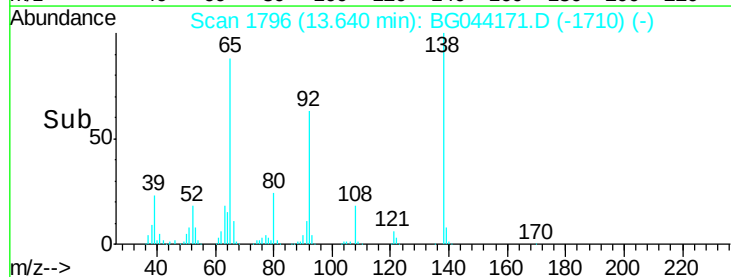
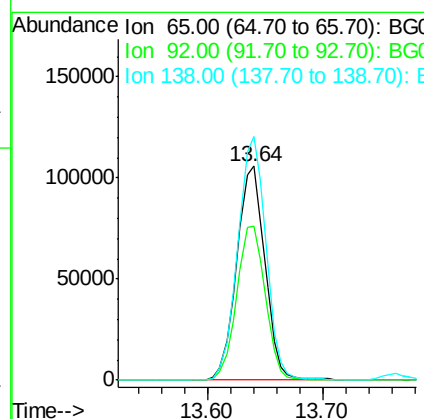
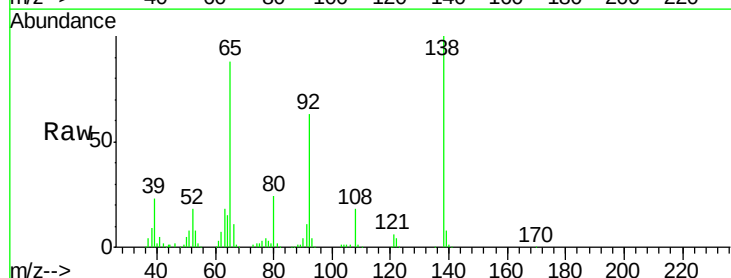
Manual Integrations
 APPROVED

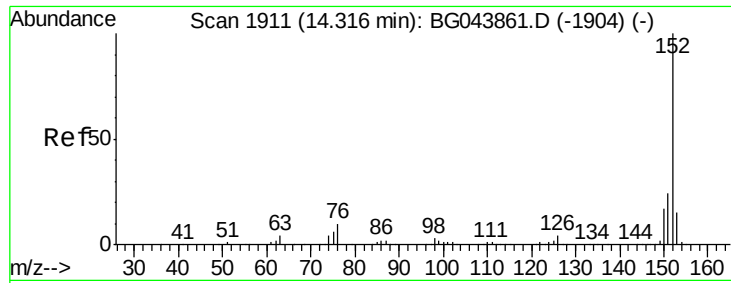
mohammad
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#48
 2-Nitroaniline
 Concen: 44.952 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.02 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	179637		
92	72.1		57.4	86.2
138	114.0		88.2	132.4





#49

Acenaphthylene

Concen: 50.857 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

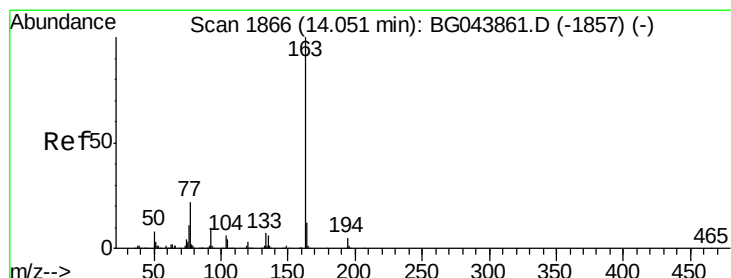
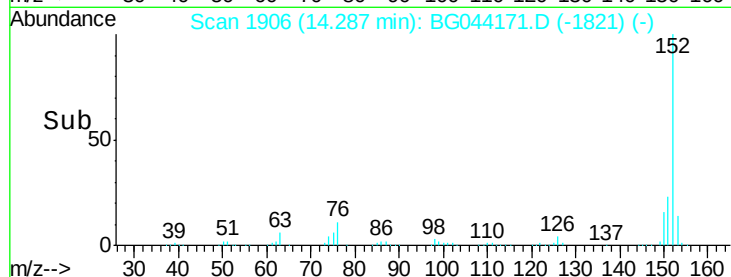
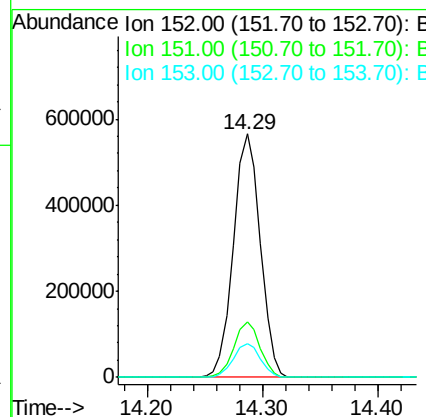
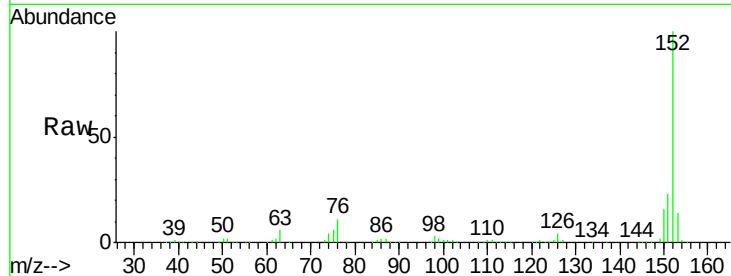
ClientSampleId :

PB126290BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.5	19.4	29.2
153	13.8	12.0	18.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 48.009 ng

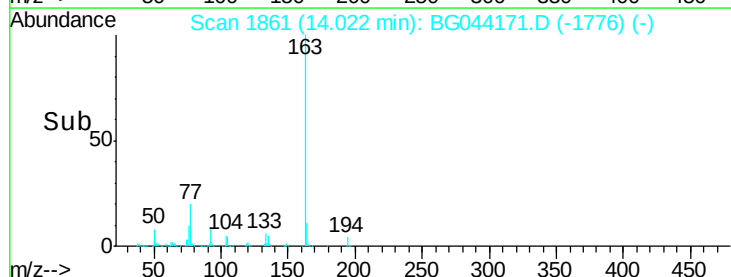
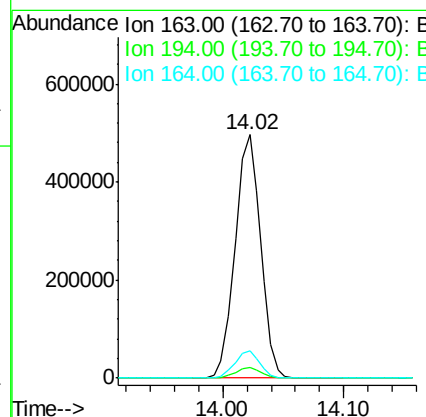
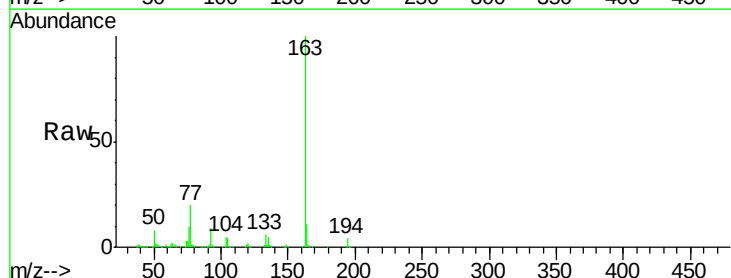
RT: 14.02 min Scan# 1861

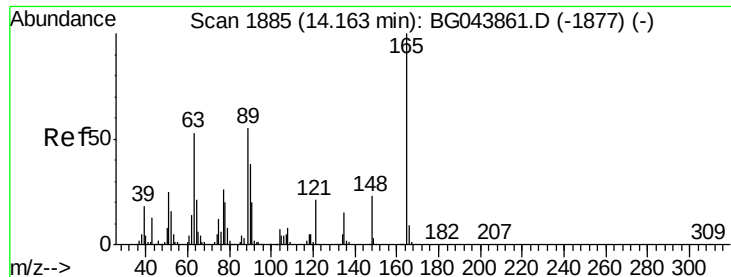
Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	11.0	9.3	13.9





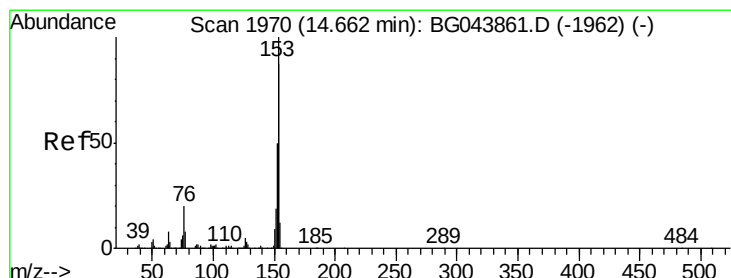
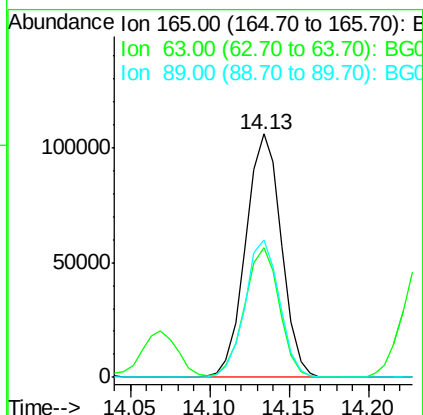
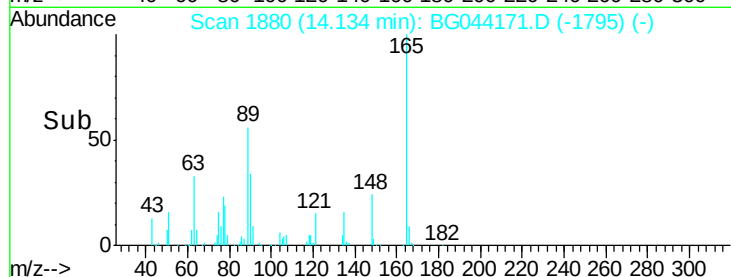
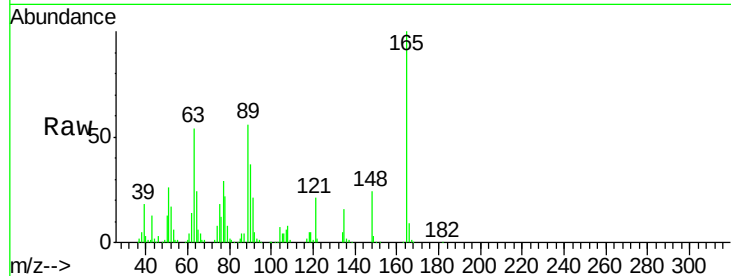
#51
 2,6-Dinitrotoluene
 Concen: 48.104 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. -0.03 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Instrument :
 BNA_G
 ClientSampled :
 PB126290BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	53.5	43.1	64.7
89	56.5	43.8	65.6

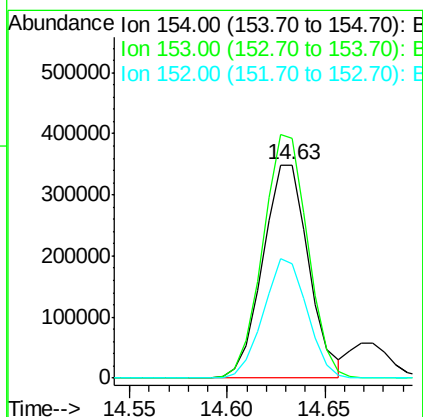
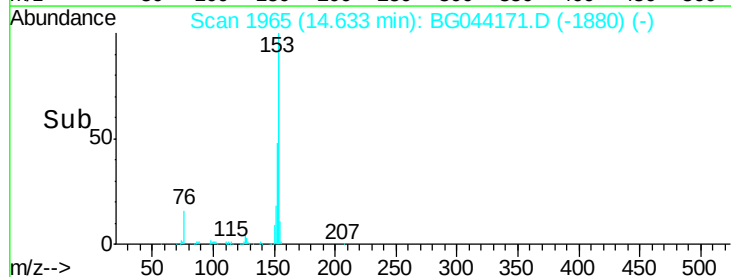
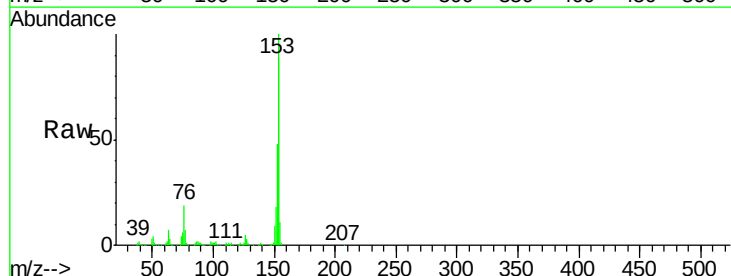
Manual Integrations
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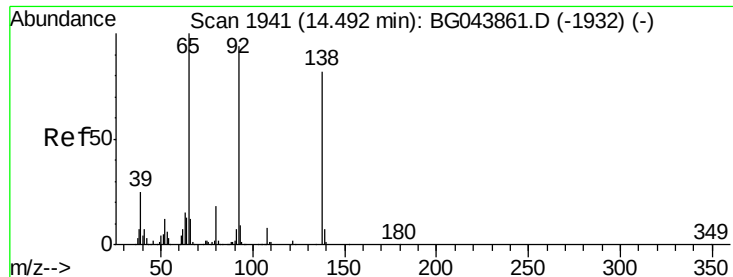
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#52
 Acenaphthene
 Concen: 45.258 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.03 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.1	91.6	137.4
152	53.5	45.4	68.0





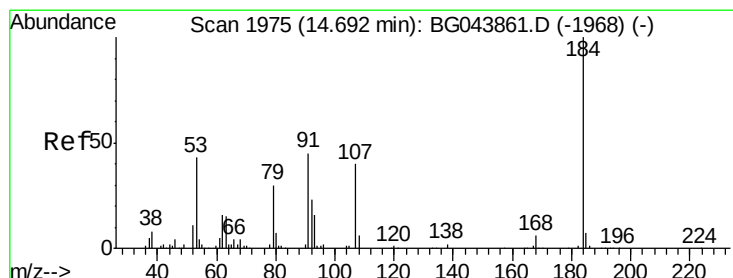
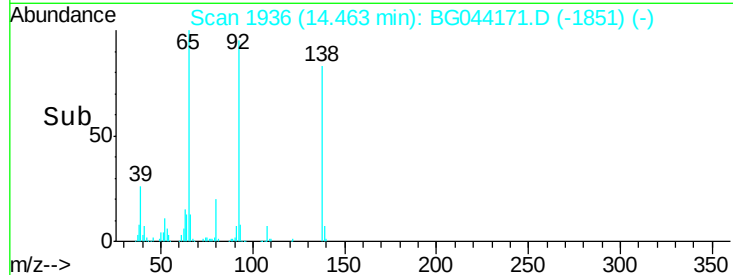
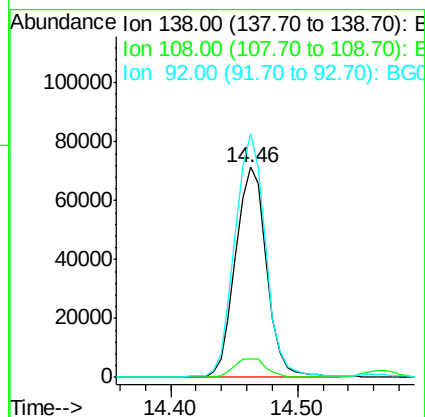
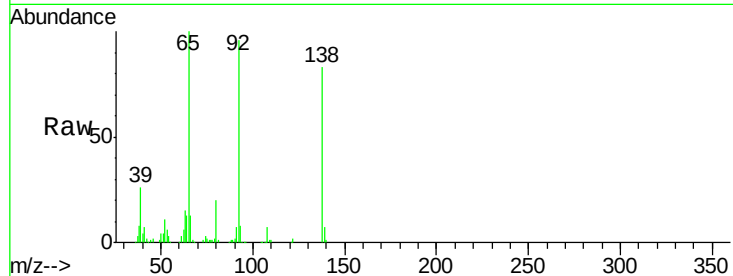
#53
3-Nitroaniline
Concen: 31.037 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampled :
PB126290BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.9	7.4	11.2
92	116.0	92.1	138.1

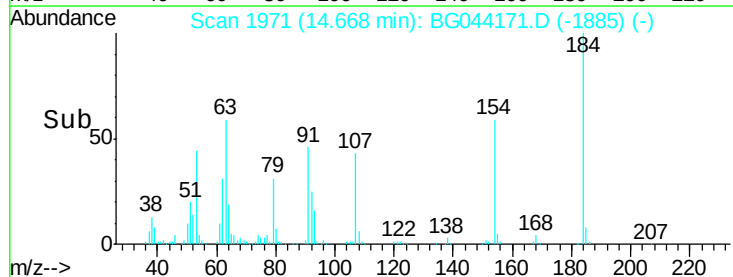
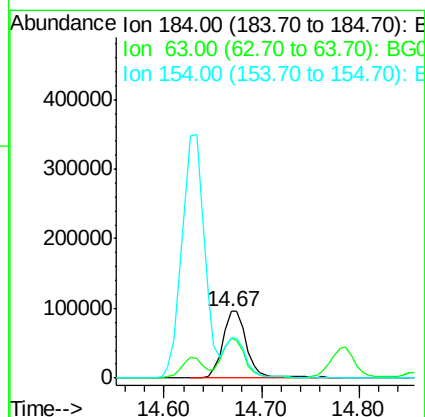
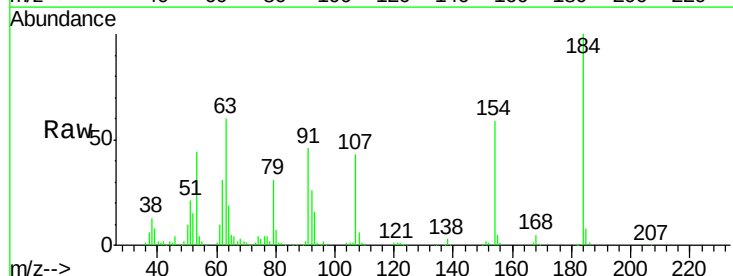
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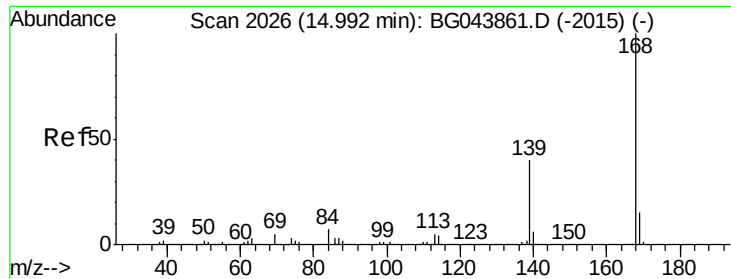
mohammad
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#54
2,4-Dinitrophenol
Concen: 94.036 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	46.6	70.0
154	59.5	50.2	75.4





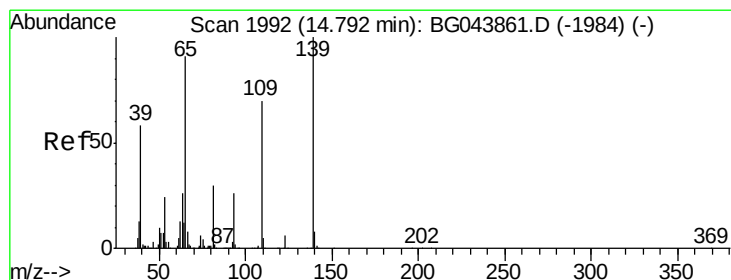
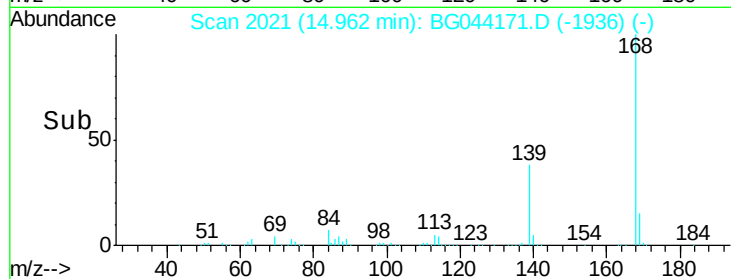
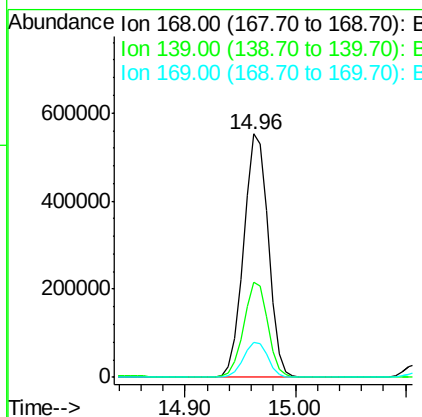
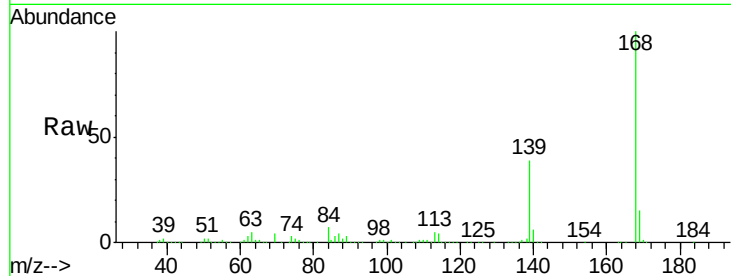
#55
Dibenzofuran
Concen: 50.237 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	865998		
139	39.2		32.2	48.2
169	14.6		12.2	18.2

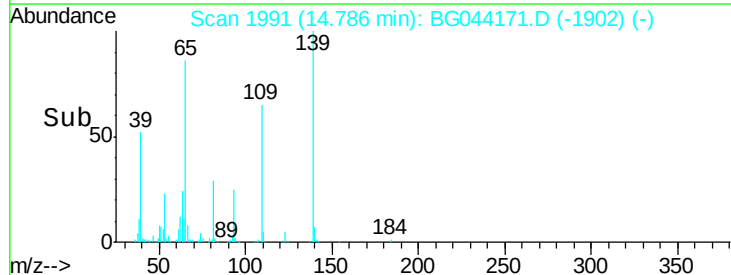
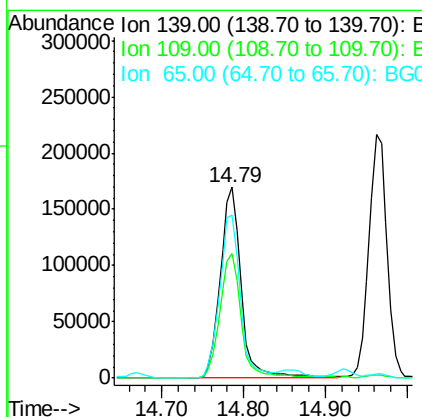
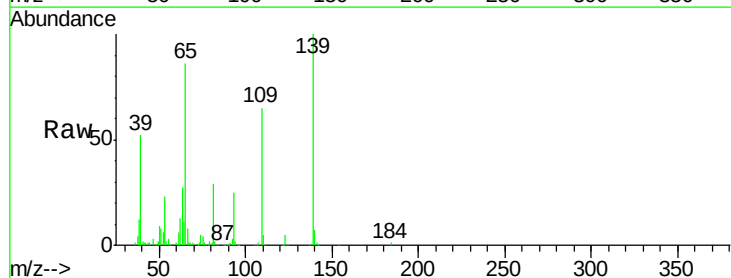
Manual Integrations
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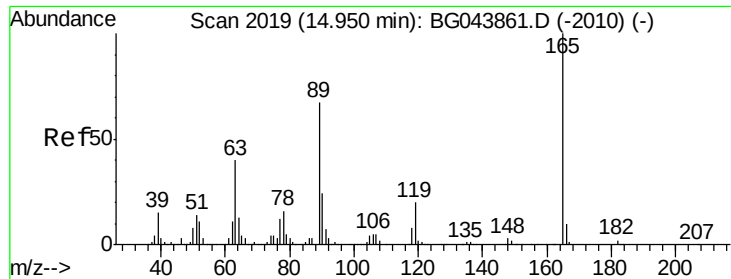
mohammad
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#56
4-Nitrophenol
Concen: 101.249 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	303201		
109	65.2		50.4	90.4
65	85.6		71.4	111.4





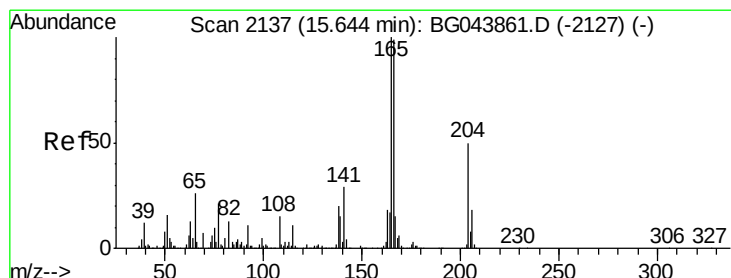
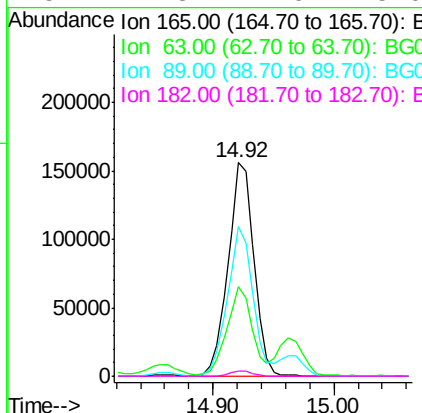
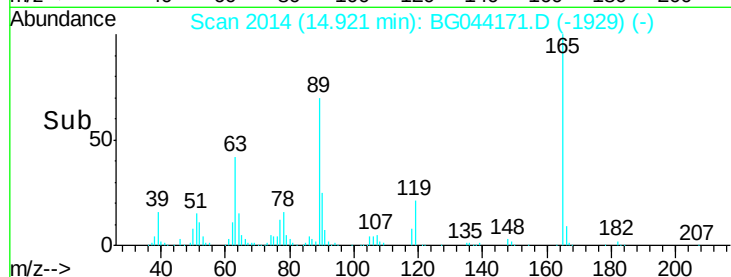
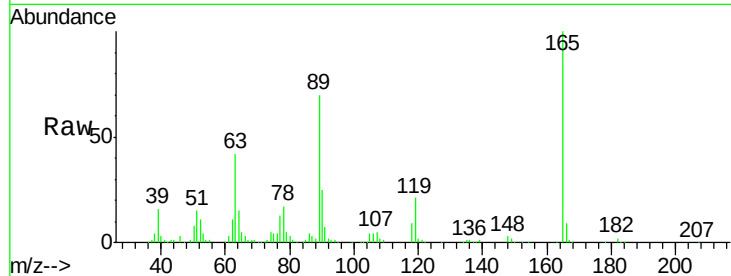
#57
2,4-Dinitrotoluene
Concen: 49.631 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	232397		
63	41.8	31.9	47.9	
89	70.4	53.8	80.6	
182	2.3	2.0	3.0	

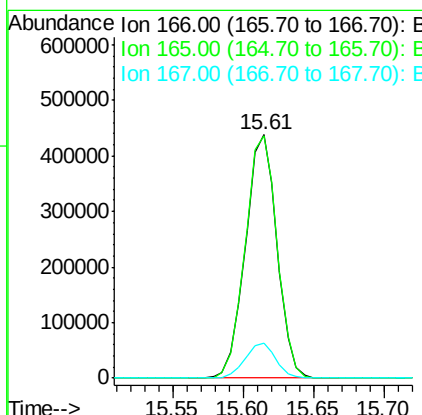
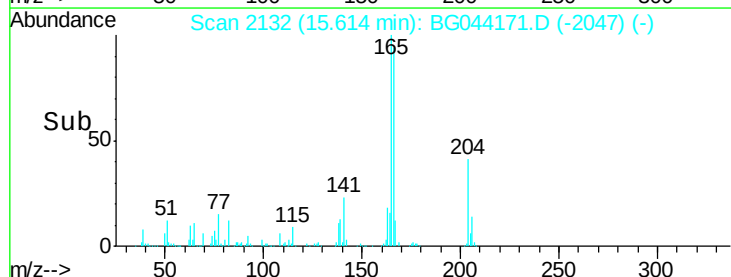
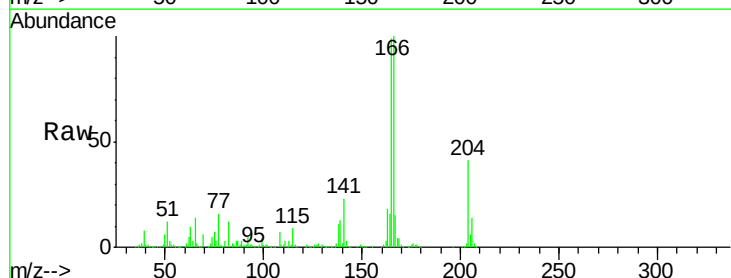
Manual Integrations
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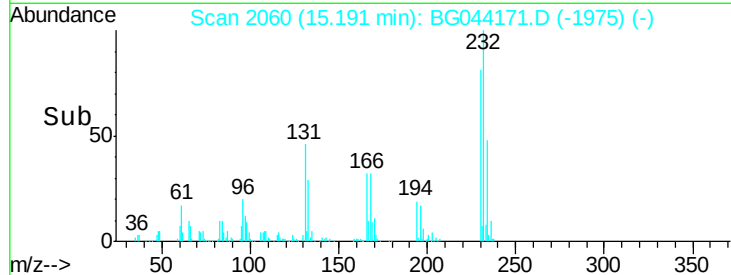
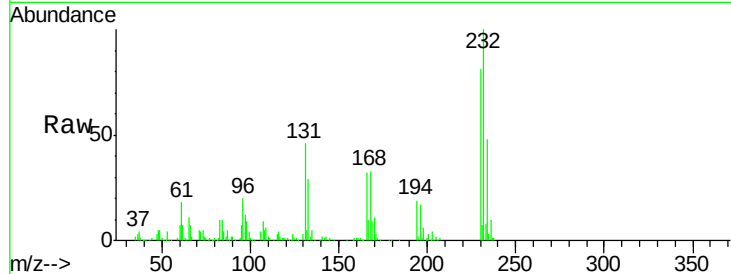
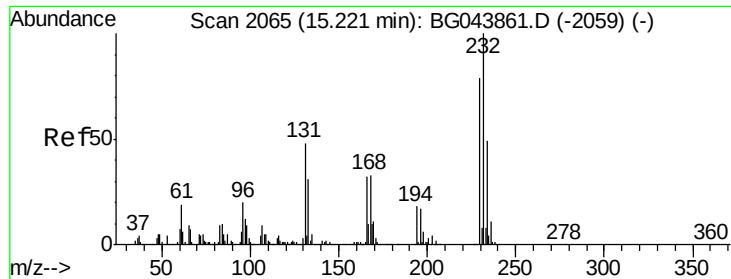
mohammad
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#58
Fluorene
Concen: 50.090 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	684384		
165	99.5	80.8	121.2	
167	14.6	12.1	18.1	





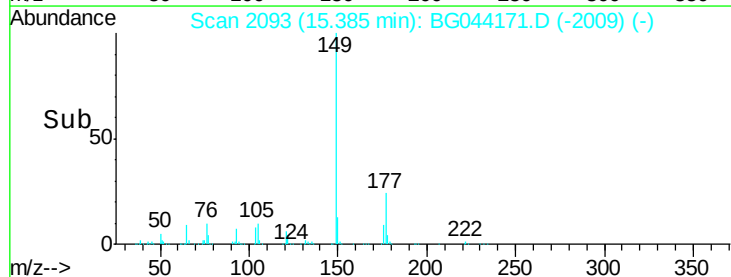
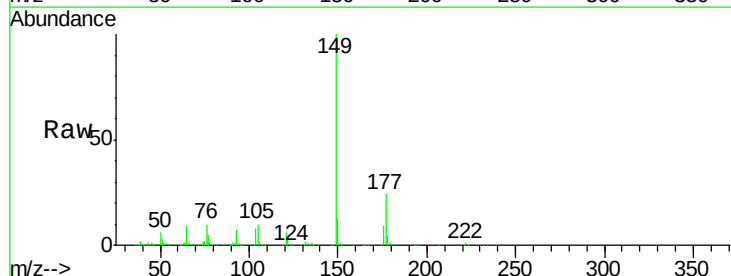
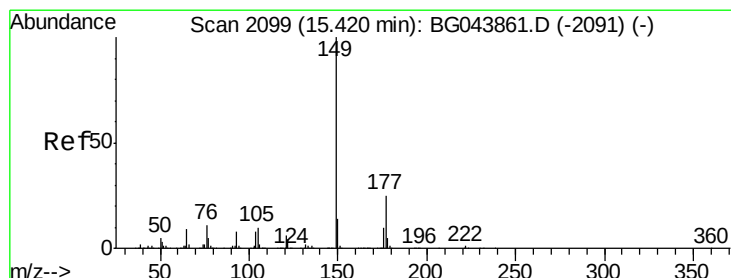
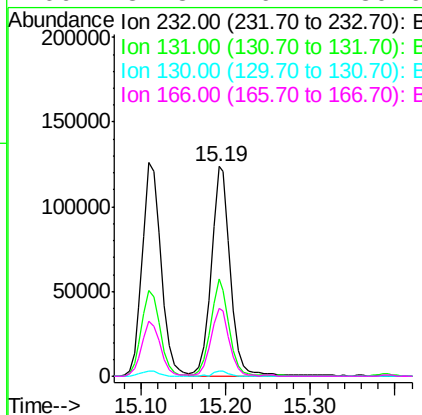
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.194 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	196343		
131	44.1	38.2	57.2	
130	2.2	2.2	3.2	
166	31.8	26.4	39.6	

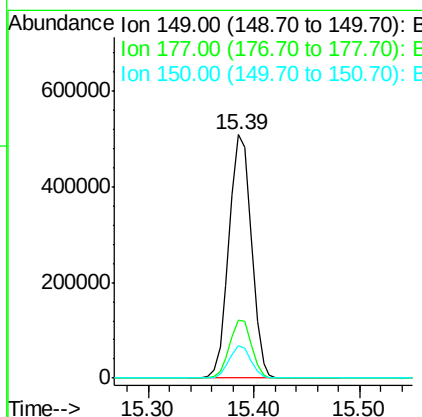
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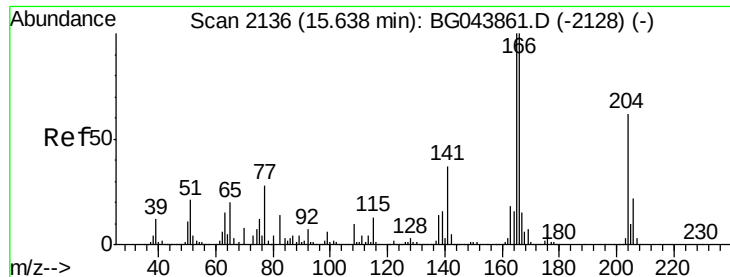
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#60
Diethylphthalate
Concen: 48.844 ng
RT: 15.39 min Scan# 2093
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	743811		
177	24.0	20.0	30.0	
150	13.4	11.1	16.7	





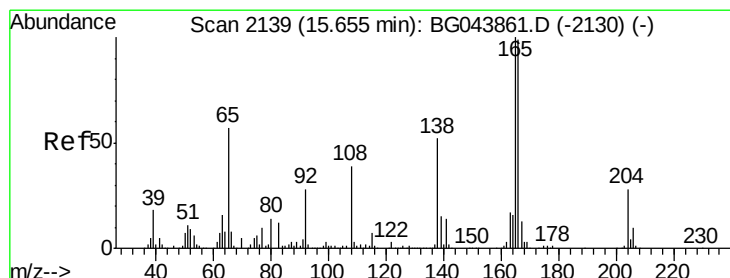
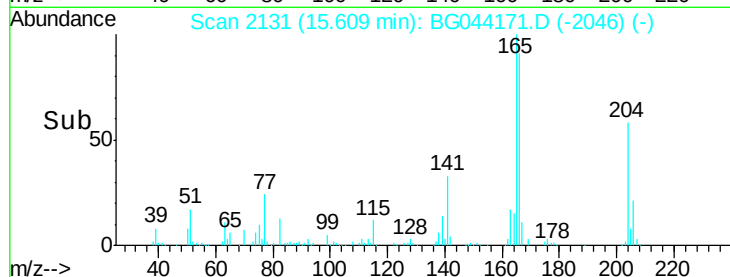
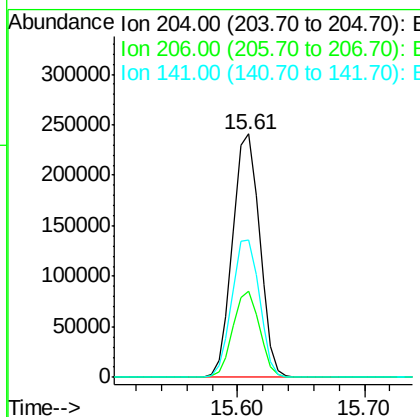
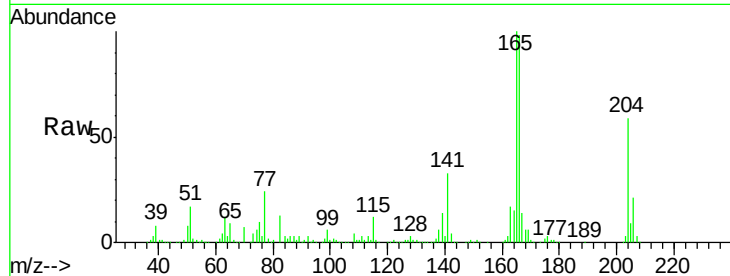
#61
4-Chlorophenyl-phenylether
Concen: 47.875 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	355185		
206	35.2	28.2	42.2	
141	56.6	48.2	72.2	

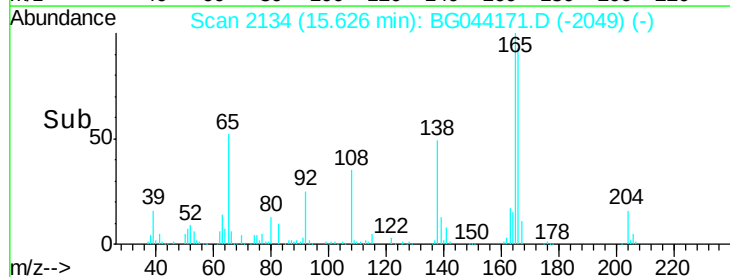
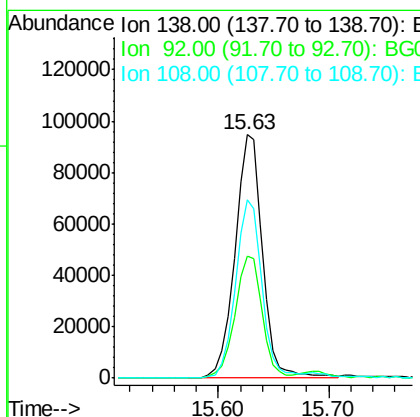
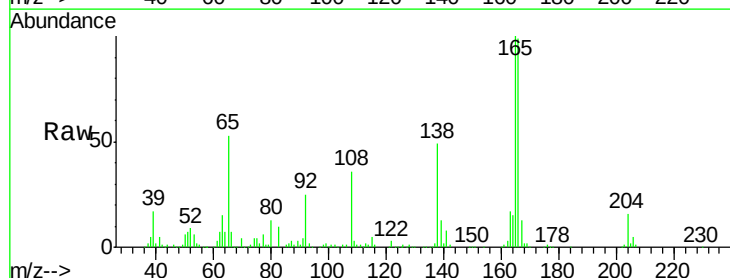
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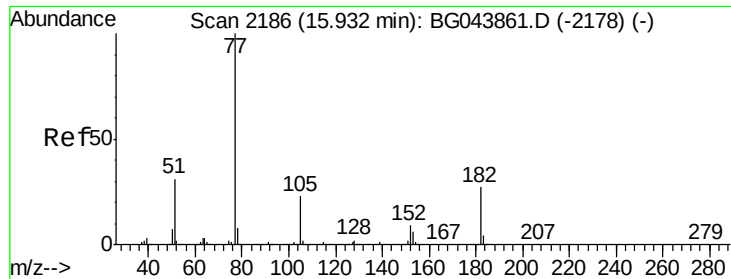
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#62
4-Nitroaniline
Concen: 43.010 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	165980		
92	50.4	34.3	74.3	
108	73.4	55.0	95.0	





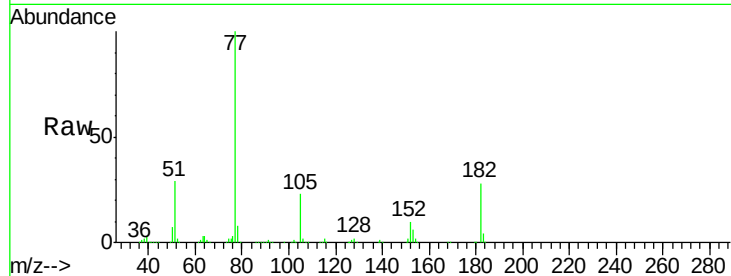
#63
Azobenzene
Concen: 49.266 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

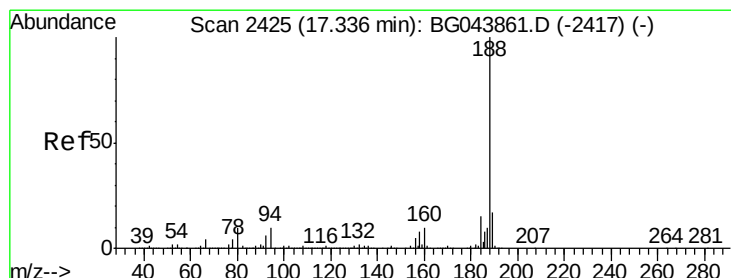
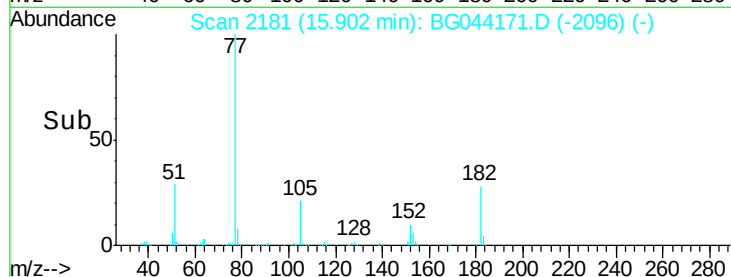
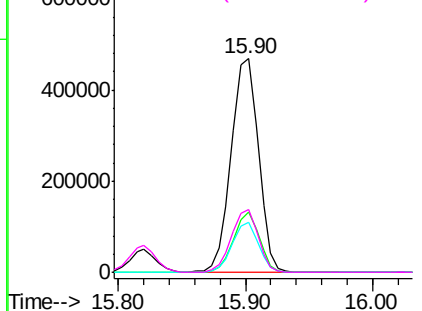
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		695763		
182	28.2	7.3	47.3		
105	23.2	3.2	43.2		
51	29.1	10.6	50.6		

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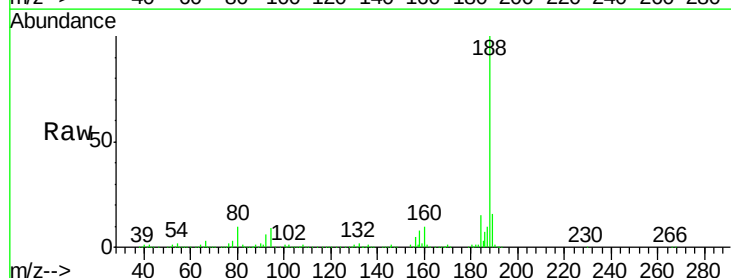


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

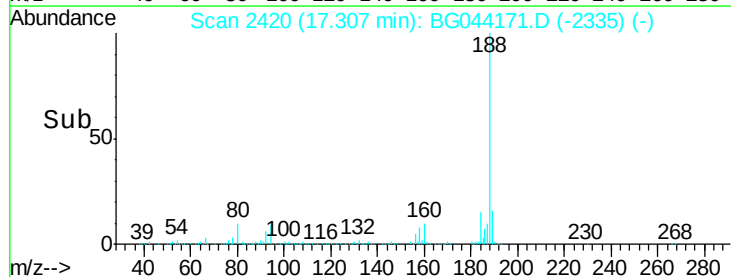
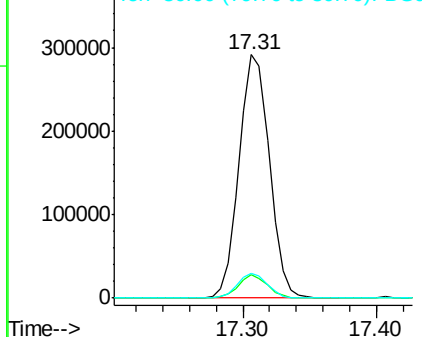


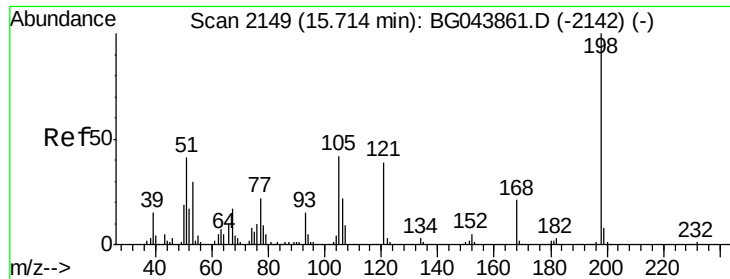
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		458298		
94	9.4	7.9	11.9		
80	10.1	8.2	12.4		



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





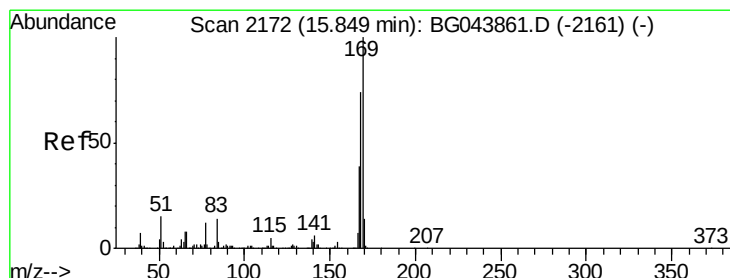
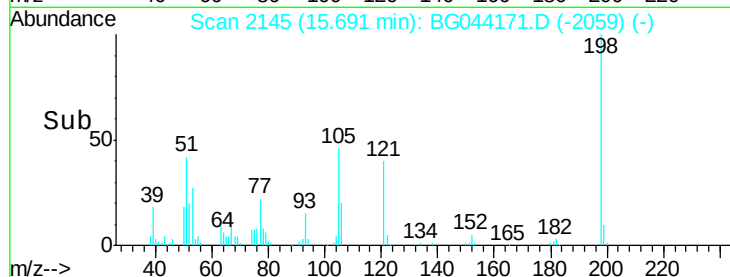
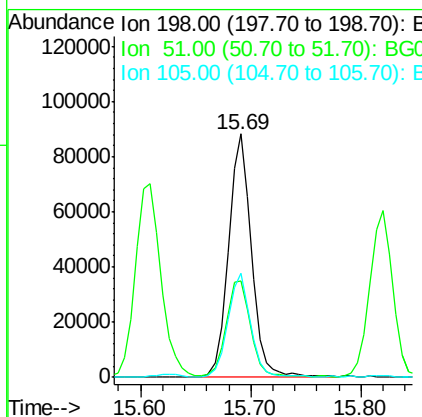
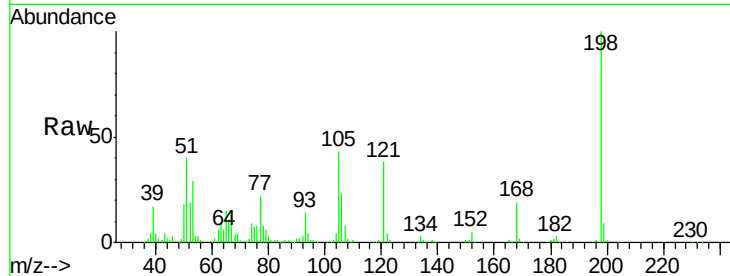
#65
4,6-Dinitro-2-methylphenol
Concen: 54.007 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.02 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	128953		
51	39.5		22.5	62.5
105	42.6		22.3	62.3

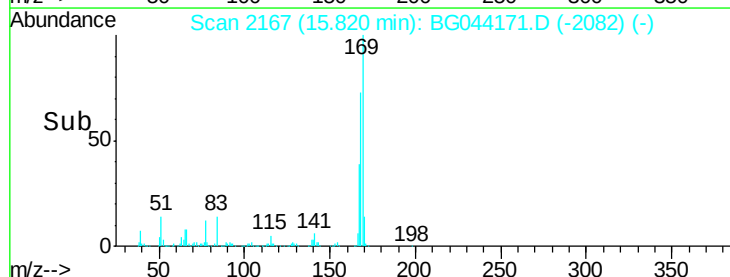
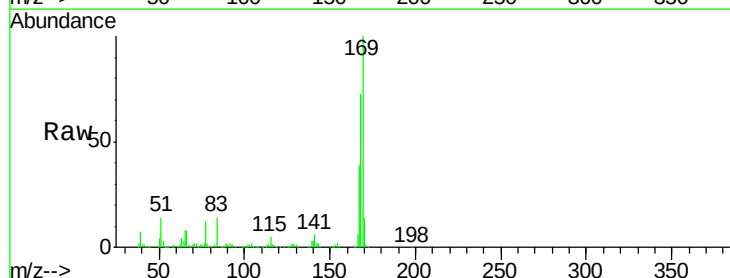
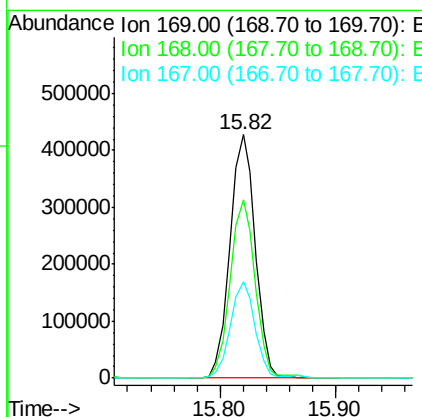
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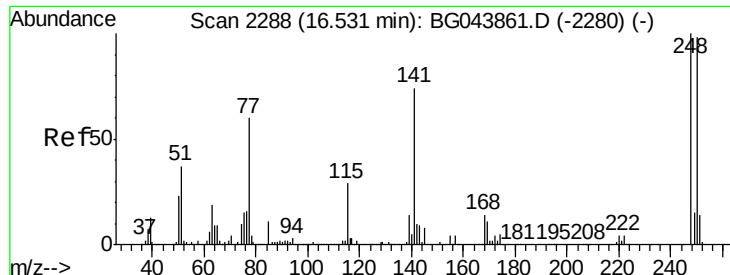
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#66
n-Nitrosodiphenylamine
Concen: 47.801 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	645142		
168	73.3		59.0	88.6
167	39.4		31.4	47.0





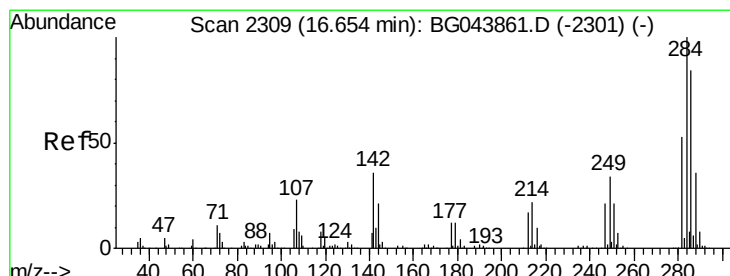
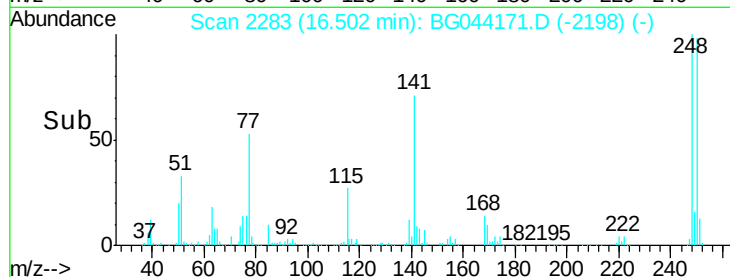
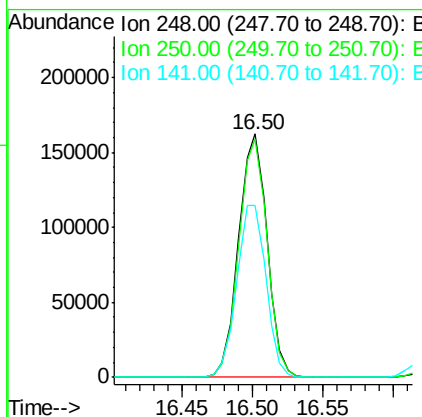
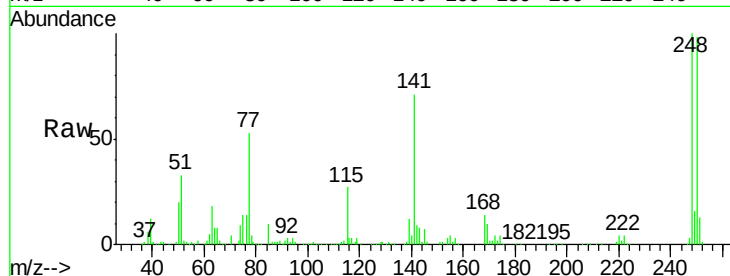
#67
4-Bromophenyl-phenylether
Concen: 44.361 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.2	117.2
141	70.6	59.3	88.9

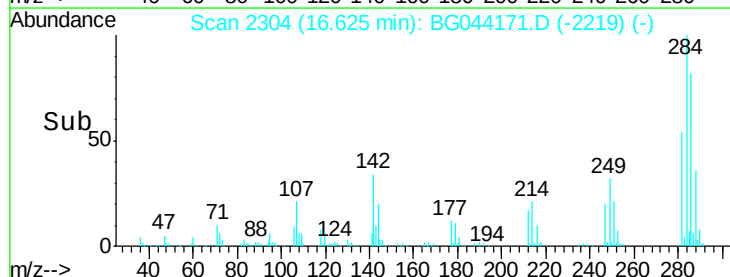
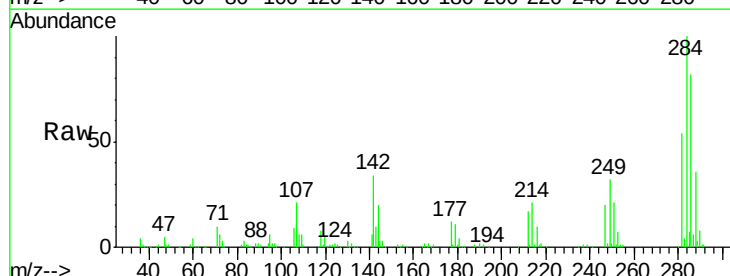
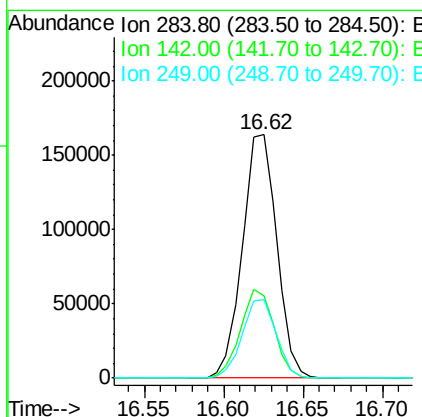
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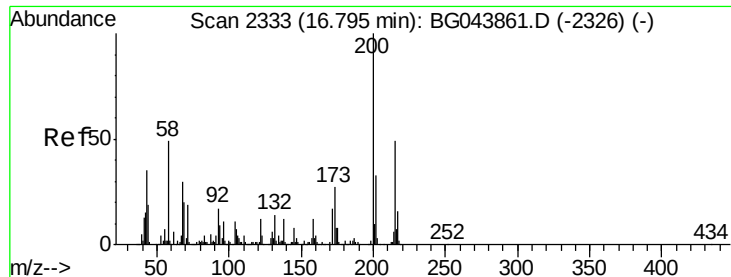
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#68
Hexachlorobenzene
Concen: 44.462 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	28.6	43.0
249	32.4	27.0	40.6





#69

Atrazine

Concen: 53.313 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

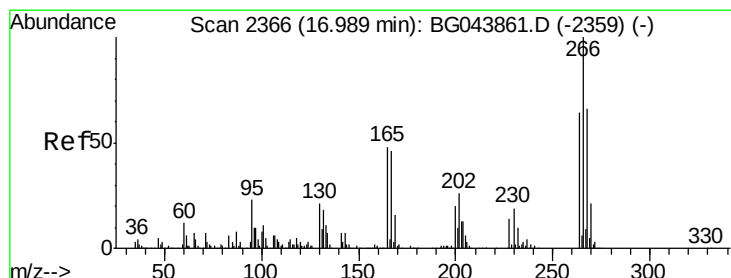
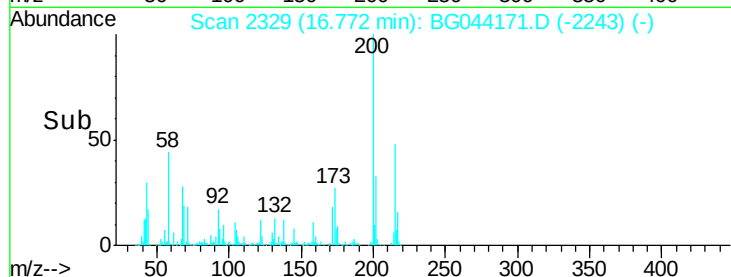
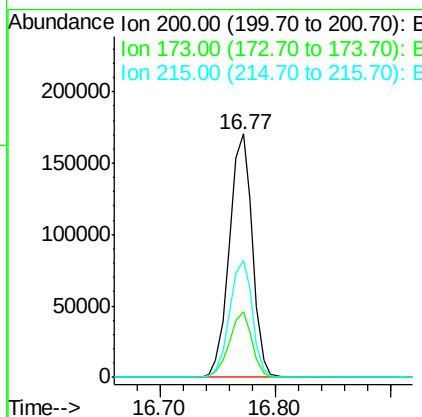
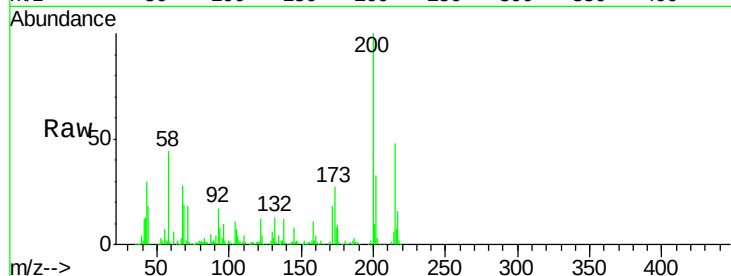
ClientSampleId :

PB126290BS

Tot Ion:	200	Resp:	23385
Ion Ratio	Lower	Upper	
200	100		
173	27.2	6.6	46.6
215	48.1	28.6	68.6

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#70

Pentachlorophenol

Concen: 86.526 ng

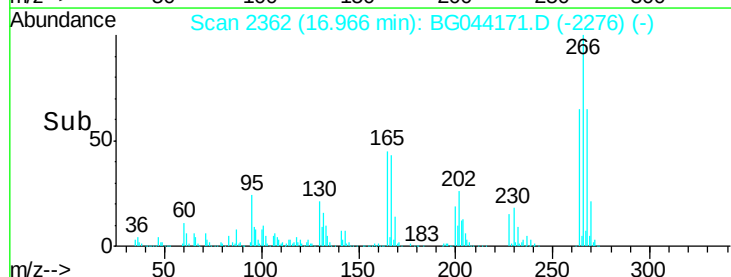
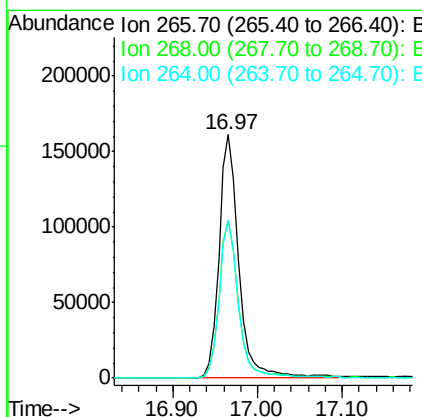
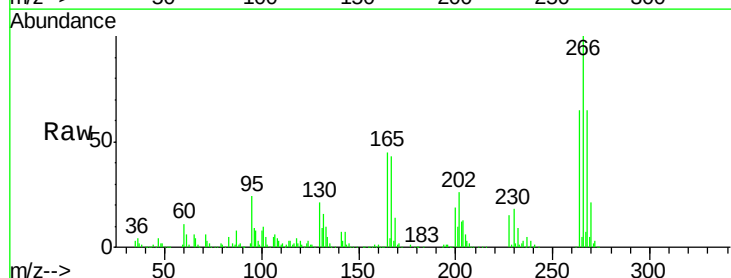
RT: 16.97 min Scan# 2362

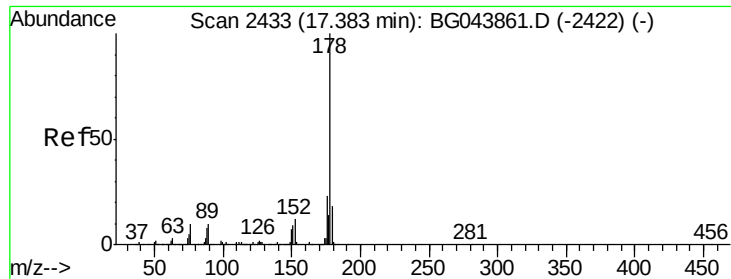
Delta R.T. -0.02 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Tgt Ion:	266	Resp:	264917
Ion Ratio	Lower	Upper	
266	100		
268	64.9	52.6	79.0
264	64.9	50.8	76.2





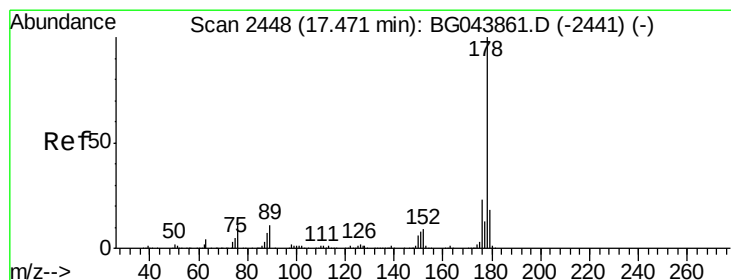
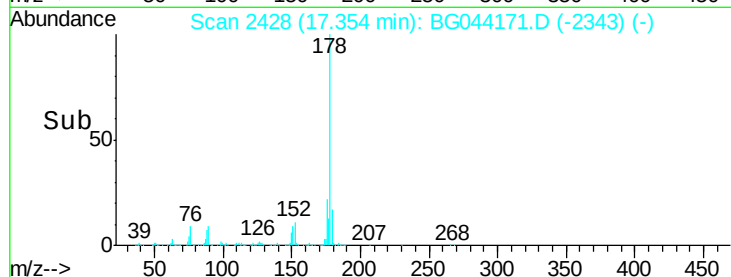
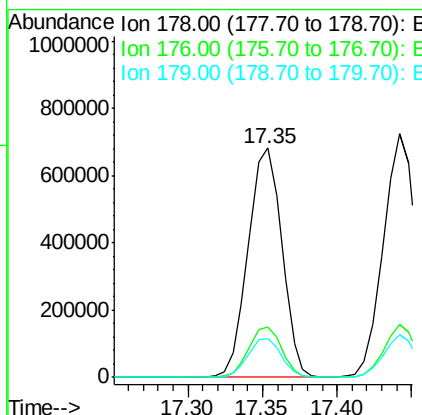
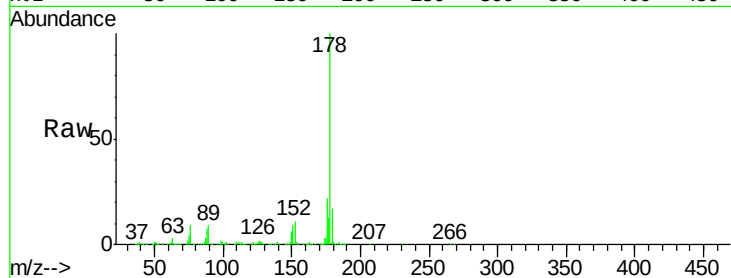
#71
Phenanthrene
Concen: 48.630 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion:178 Resp: 1069006
Ion Ratio Lower Upper
178 100
176 22.0 18.6 28.0
179 17.0 14.4 21.6

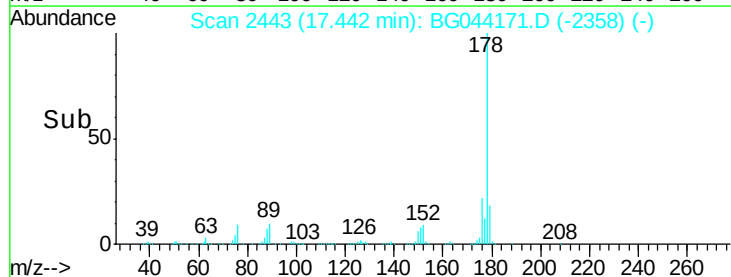
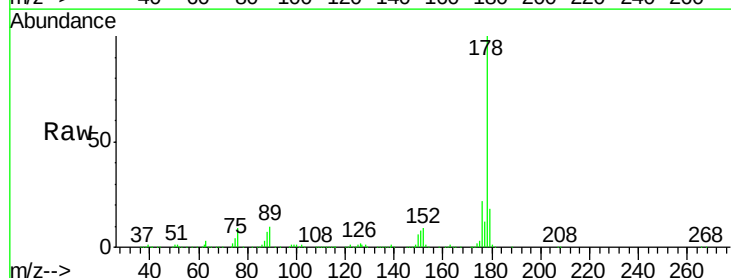
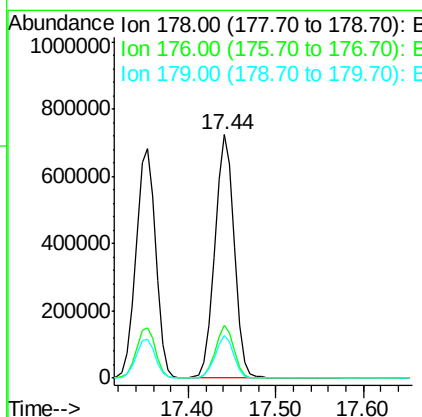
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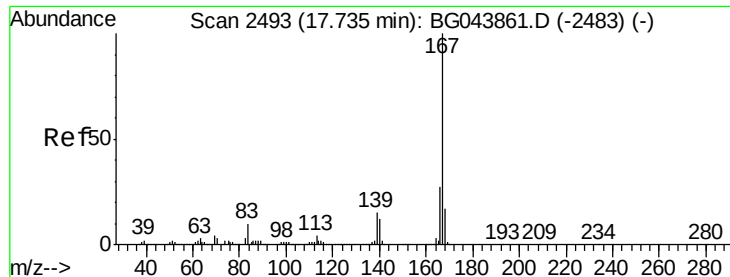
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#72
Anthracene
Concen: 51.237 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion:178 Resp: 1113102
Ion Ratio Lower Upper
178 100
176 21.5 18.3 27.5
179 17.6 14.6 22.0





#73

Carbazole

Concen: 49.273 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

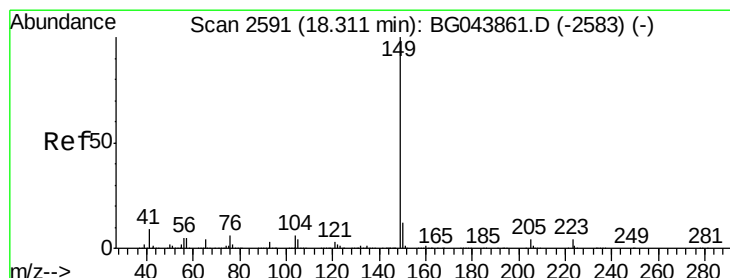
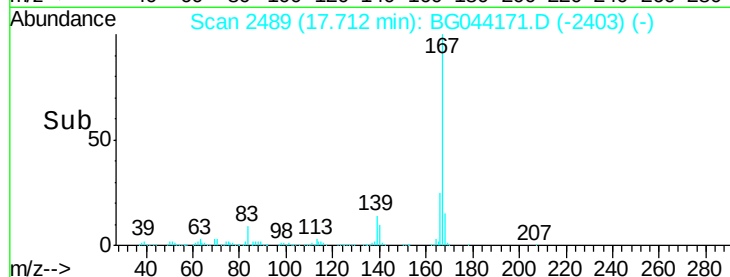
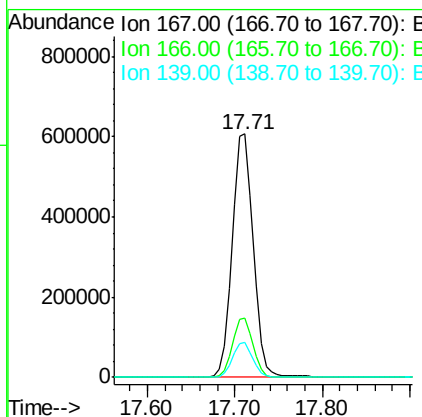
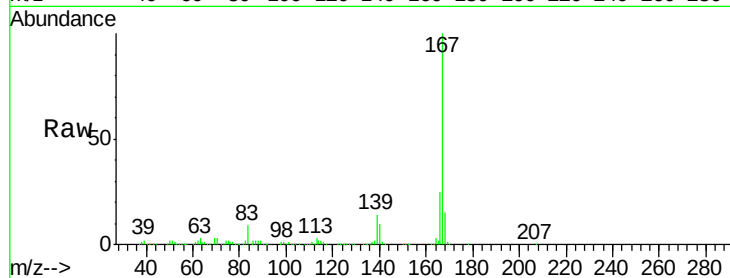
ClientSampleId :

PB126290BS

Tot Ion:	167	Resp:	988792
Ion Ratio		Lower	Upper
167	100		
166	24.5	21.6	32.4
139	14.2	12.1	18.1

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#74

Di-n-butylphthalate

Concen: 47.719 ng

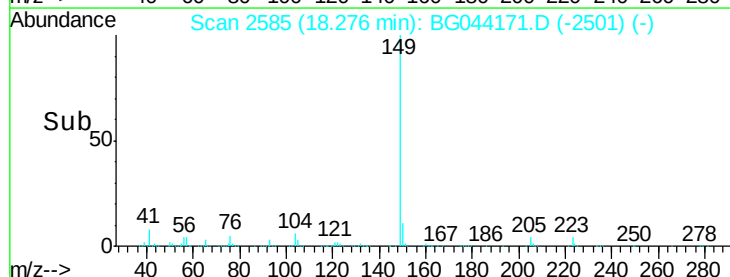
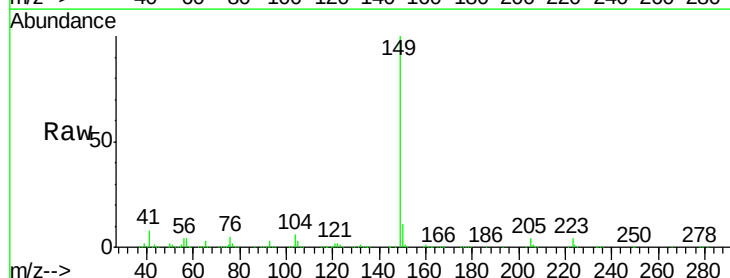
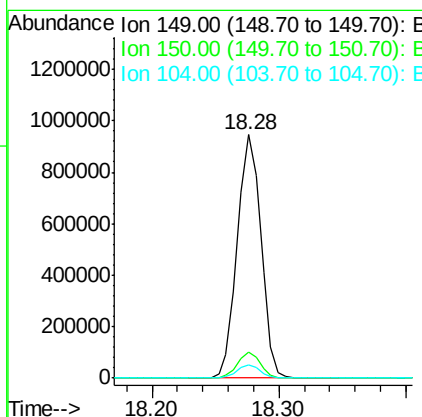
RT: 18.28 min Scan# 2585

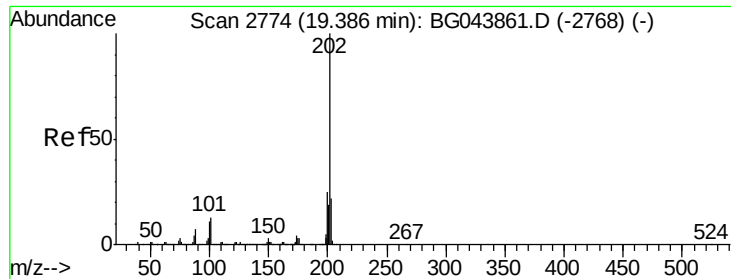
Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Tgt Ion:	149	Resp:	1222624
Ion Ratio		Lower	Upper
149	100		
150	10.6	9.7	14.5
104	5.6	5.0	7.4





#75

Fluoranthene

Concen: 48.815 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

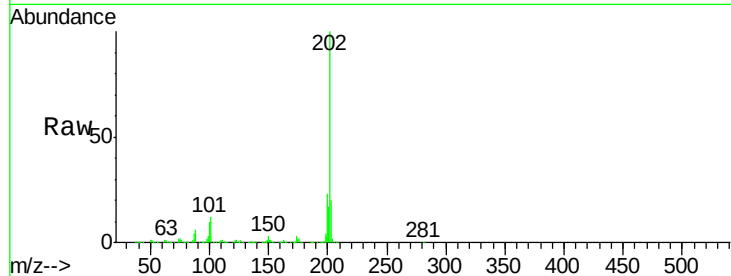
ClientSampleId :

PB126290BS

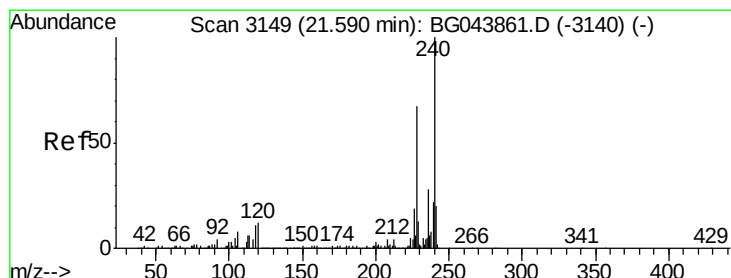
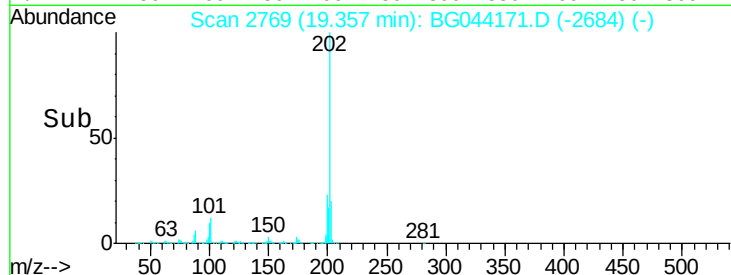
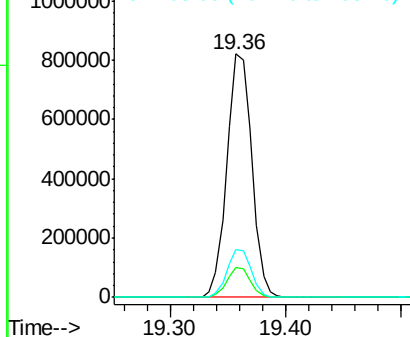
Tot Ion:	202	Resp:	1227190
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.3
203	19.5	1.6	41.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

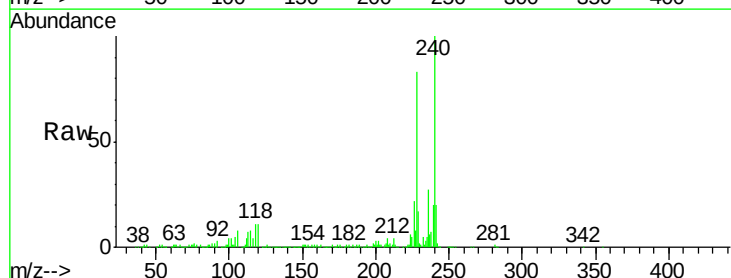
RT: 21.55 min Scan# 3143

Delta R.T. -0.04 min

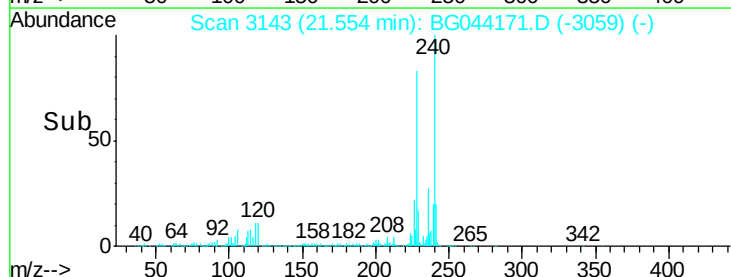
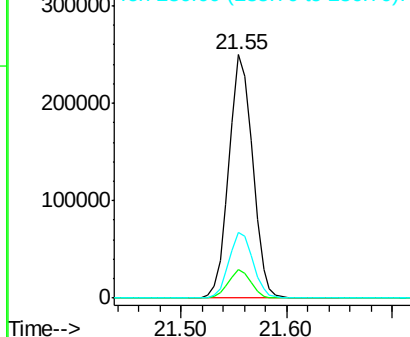
Lab File: BG044171.D

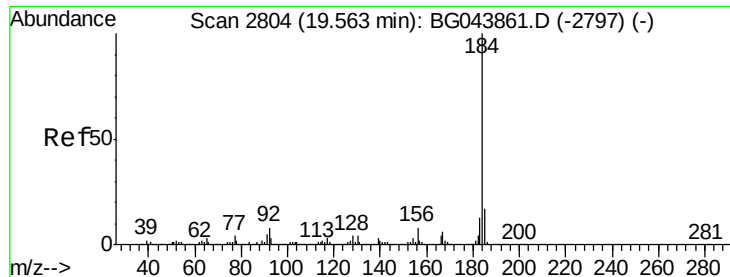
Acq: 23 Jan 2020 17:36

Tgt Ion:	240	Resp:	388625
Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.6	14.4
236	26.9	22.2	33.2



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





#77

Benzidine

Concen: 51.473 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

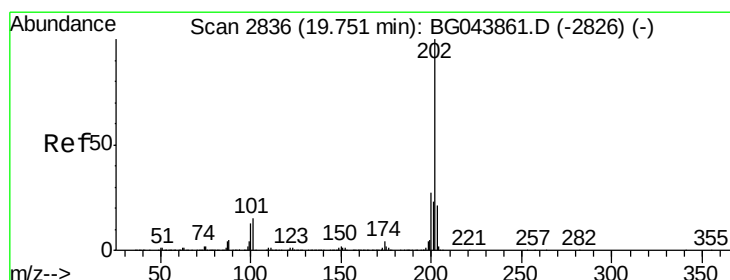
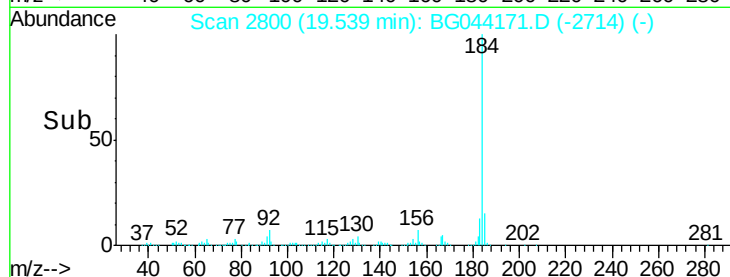
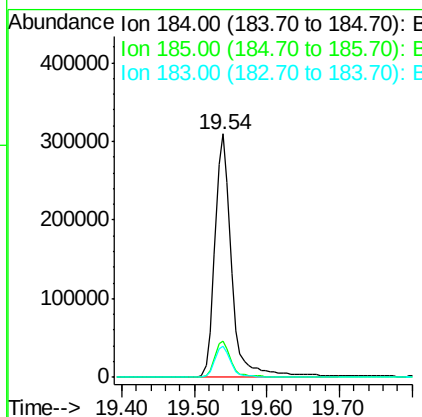
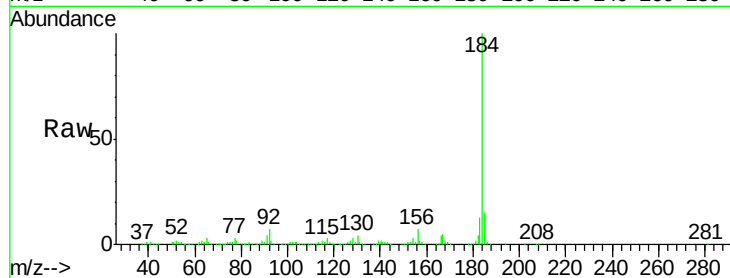
ClientSampleId :

PB126290BS

Tot Ion:	184	Resp:	502802
Ion Ratio	Lower	Upper	
184	100		
185	15.0	13.4	20.0
183	12.8	10.6	15.8

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#78

Pyrene

Concen: 48.741 ng

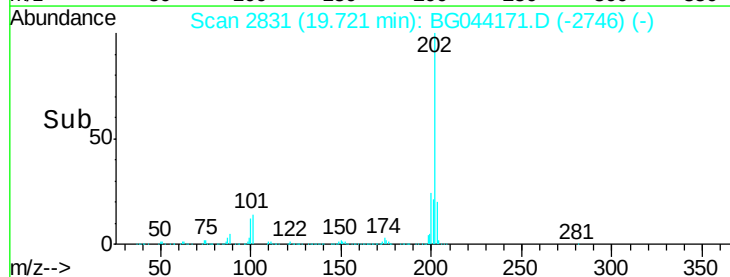
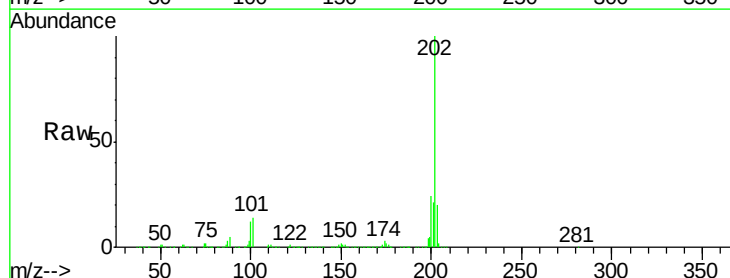
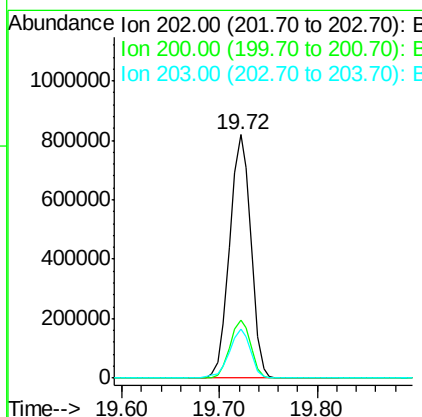
RT: 19.72 min Scan# 2831

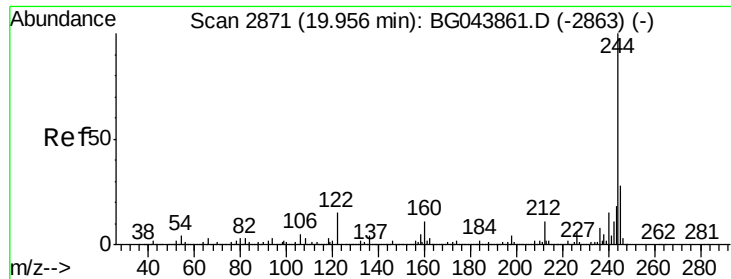
Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Tgt Ion:	202	Resp:	1236422
Ion Ratio	Lower	Upper	
202	100		
200	24.0	21.7	32.5
203	19.9	17.0	25.6





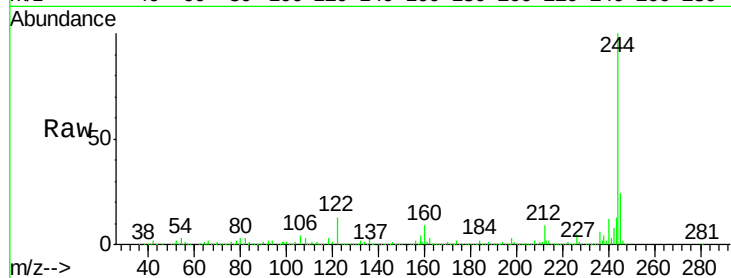
#79
 Terphenyl-d14
 Concen: 98.936 ng
 RT: 19.92 min Scan# 2865
 Delta R.T. -0.03 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BS

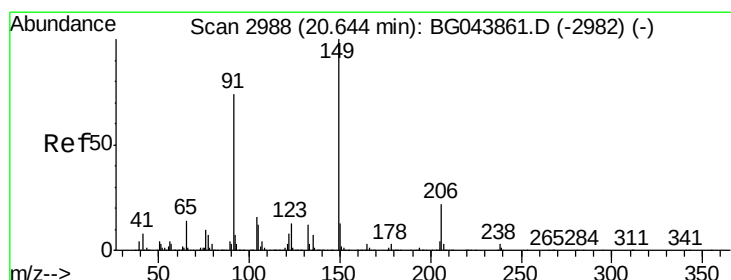
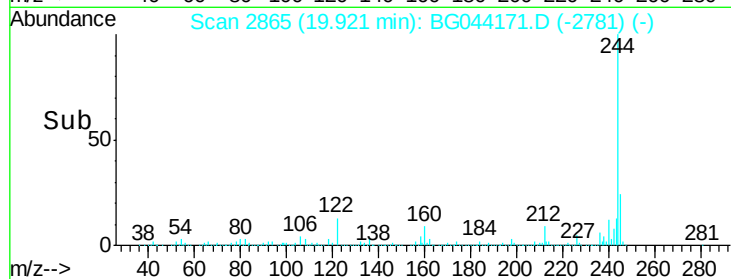
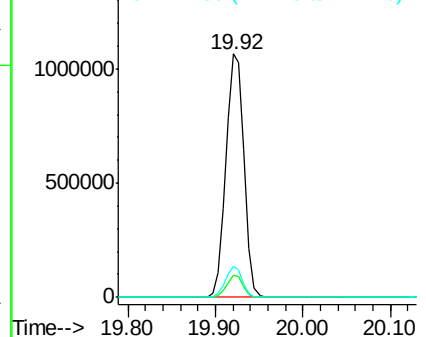
Tot Ion	Ratio	Lower	Upper
244	100		
212	9.1	8.6	13.0
122	12.8	11.9	17.9

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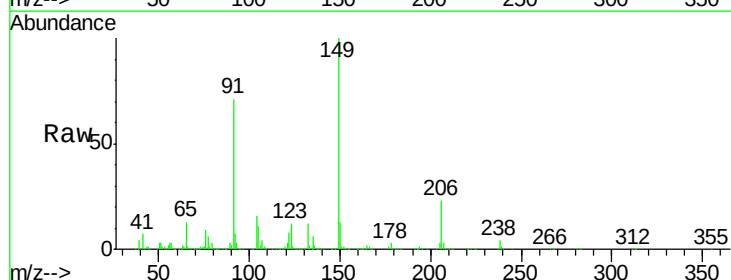


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

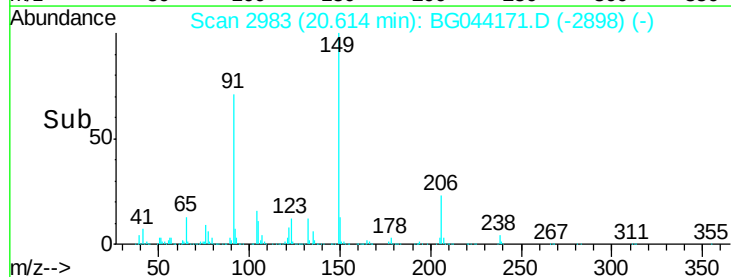
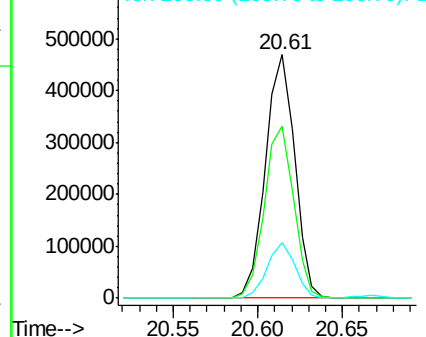


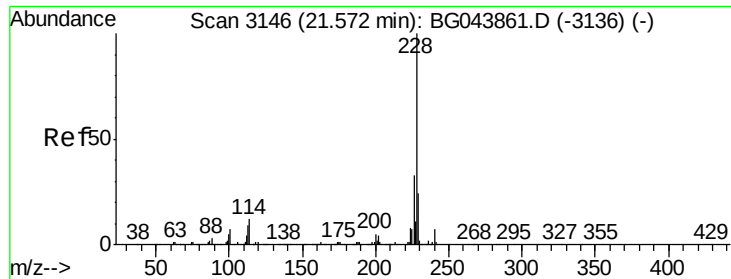
#80
 Butylbenzylphthalate
 Concen: 46.901 ng
 RT: 20.61 min Scan# 2983
 Delta R.T. -0.03 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.8	59.5	89.3
206	22.5	17.8	26.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.855 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

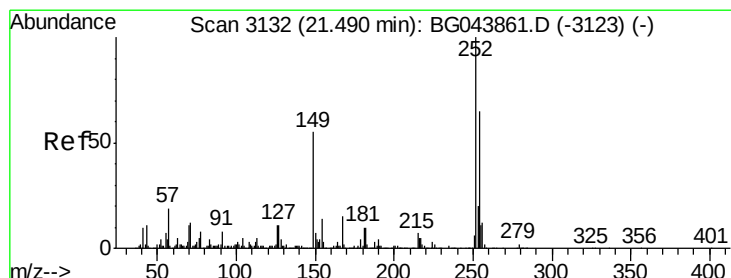
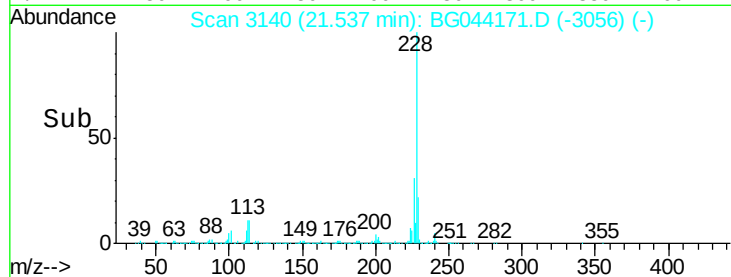
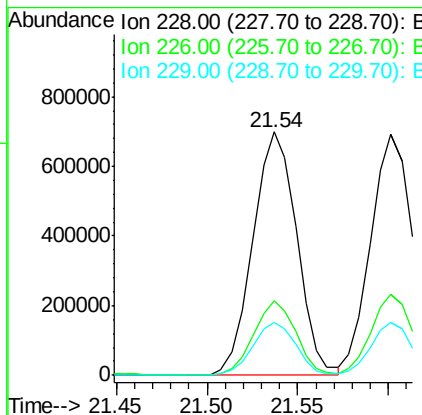
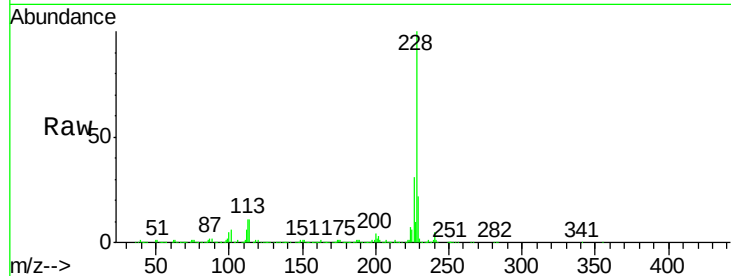
ClientSampleId :

PB126290BS

Tot Ion:	228	Resp:	1177291
Ion	Ratio	Lower	Upper
228	100		
226	30.9	26.2	39.4
229	21.9	18.9	28.3

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#82

3,3'-Dichlorobenzidine

Concen: 34.686 ng

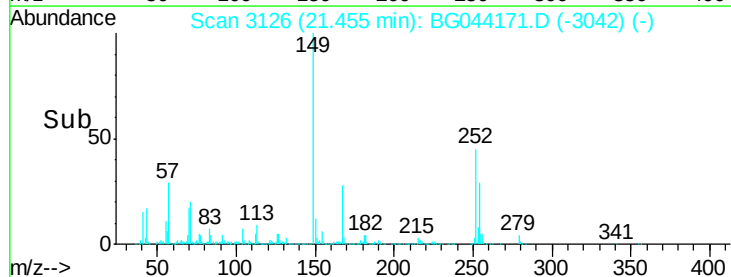
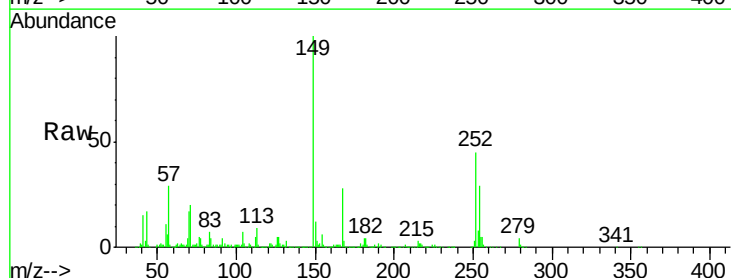
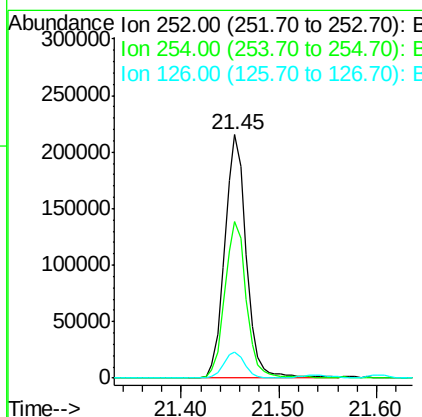
RT: 21.45 min Scan# 3126

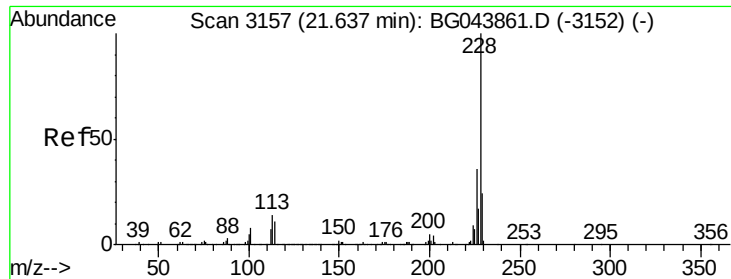
Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Tgt Ion:	252	Resp:	330219
Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.1	78.1
126	10.9	9.1	13.7





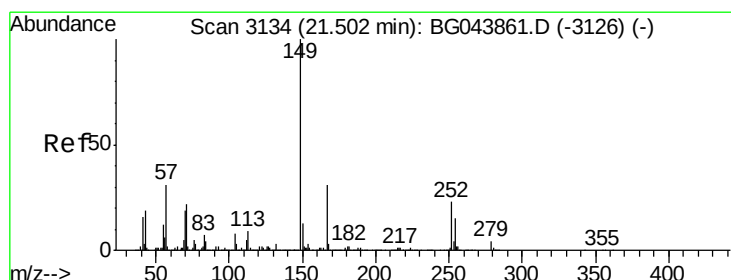
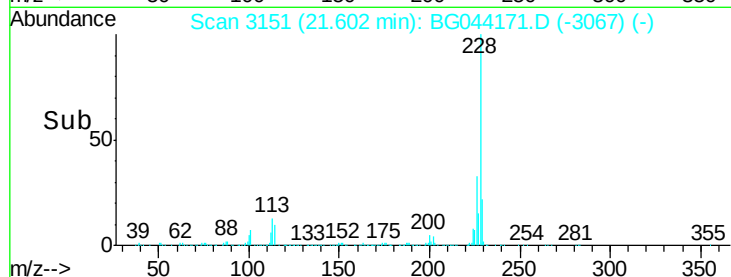
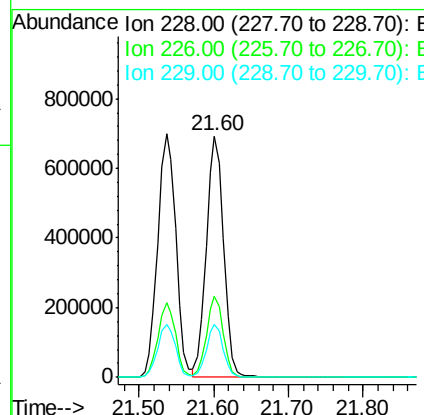
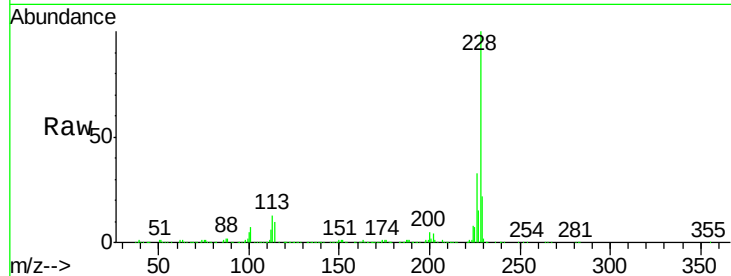
#83
 Chrysene
 Concen: 48.955 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.04 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BS

Tot Ion: 228 Resp: 1120935
 Ion Ratio Lower Upper
 228 100
 226 33.5 28.8 43.2
 229 22.0 19.0 28.6

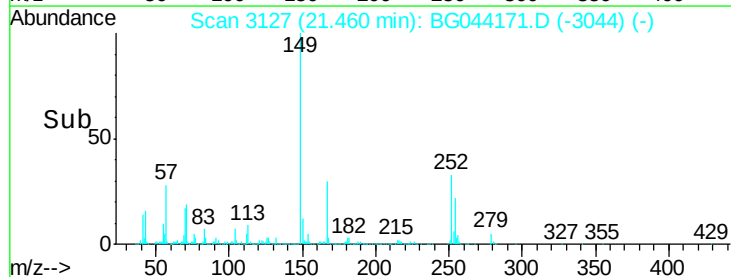
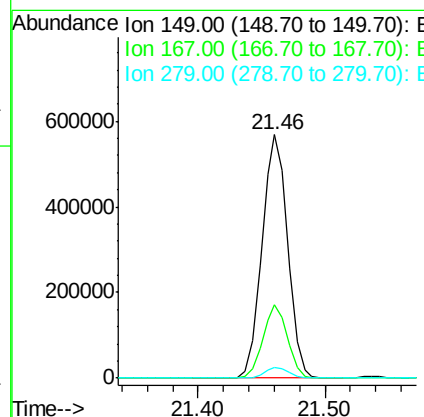
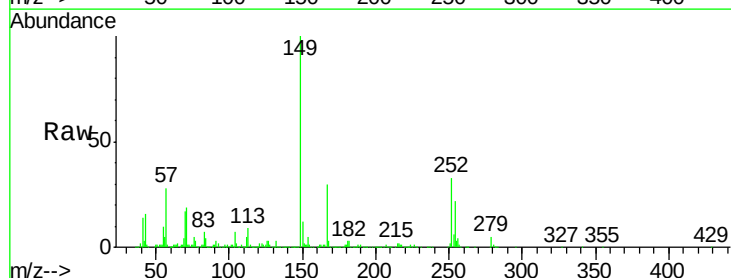
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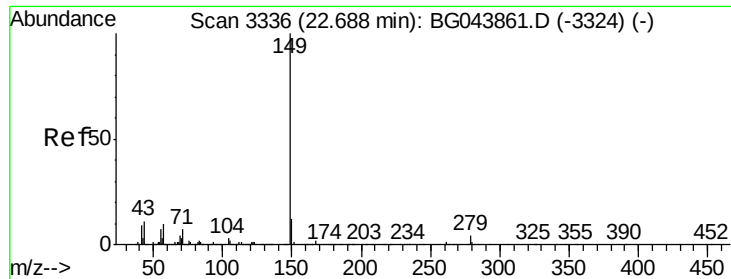
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.007 ng
 RT: 21.46 min Scan# 3127
 Delta R.T. -0.04 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Tgt Ion: 149 Resp: 799995
 Ion Ratio Lower Upper
 149 100
 167 30.0 24.7 37.1
 279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 50.247 ng

RT: 22.64 min Scan# 3327

Delta R.T. -0.05 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

Tot Ion:149 Resp: 1407654

Ion Ratio Lower Upper

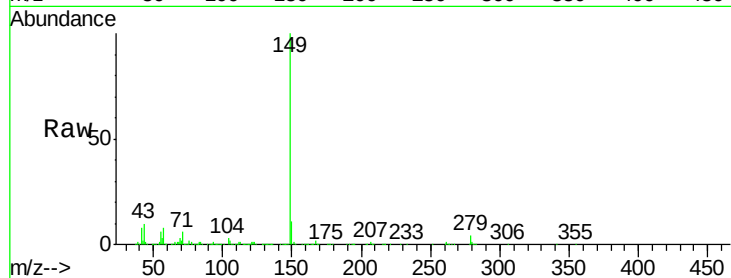
149 100

167 1.6 1.4 2.0

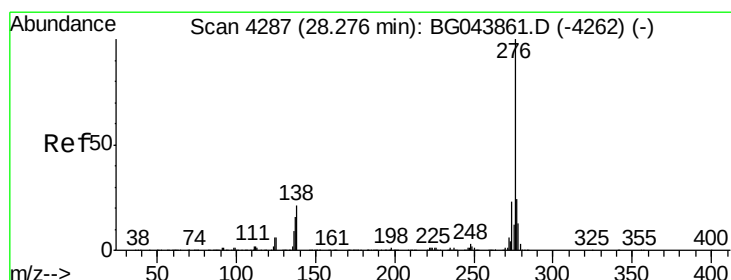
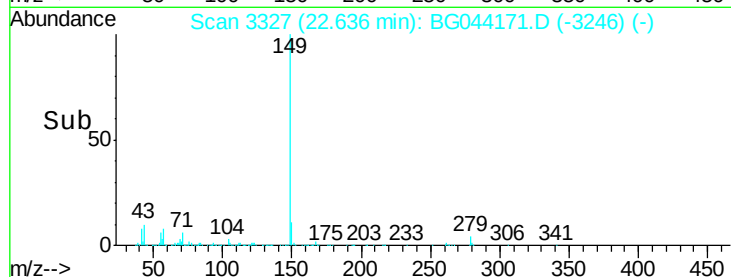
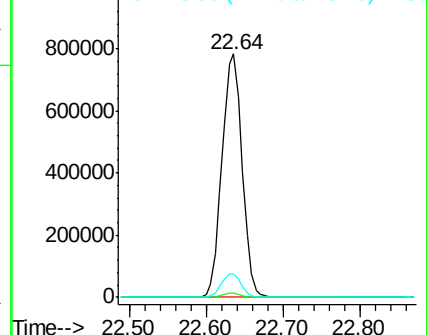
43 9.5 8.8 13.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.642 ng

RT: 28.18 min Scan# 4271

Delta R.T. -0.09 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

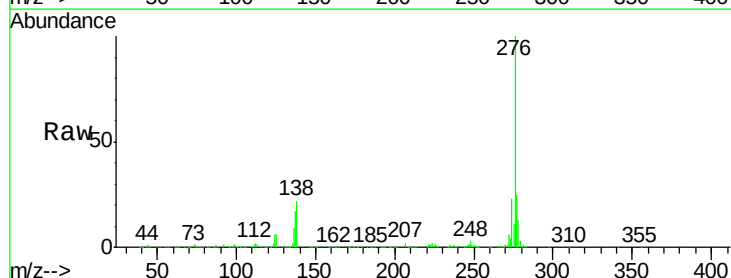
Tgt Ion:276 Resp: 1451378

Ion Ratio Lower Upper

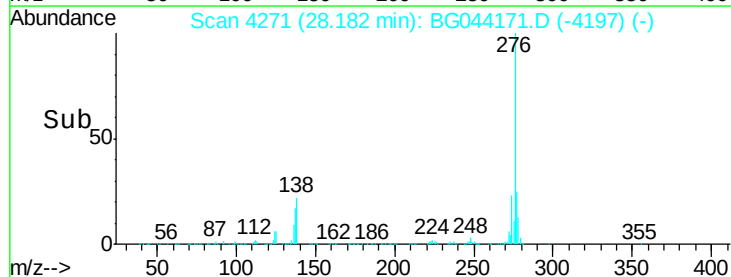
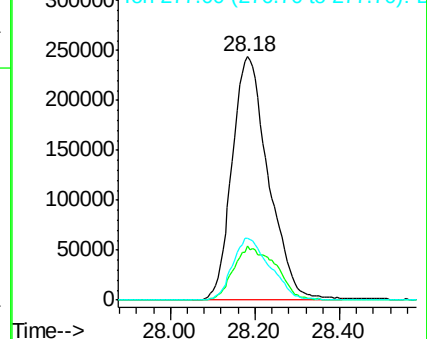
276 100

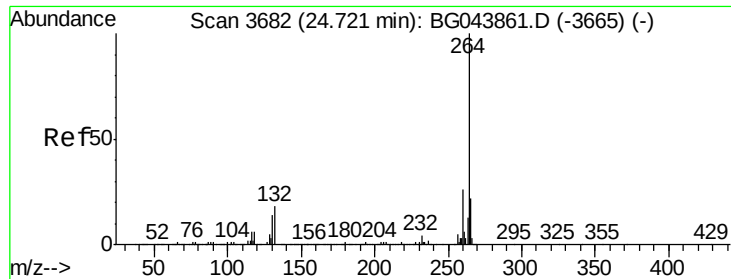
138 25.6 21.0 31.4

277 26.4 21.1 31.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





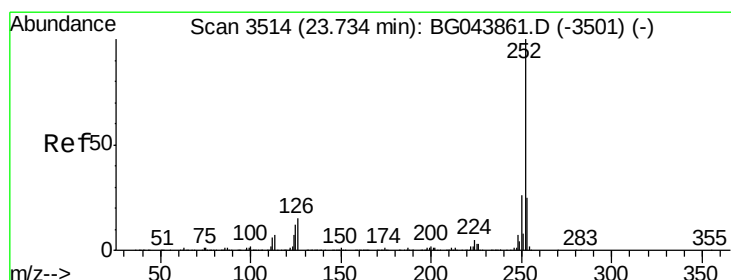
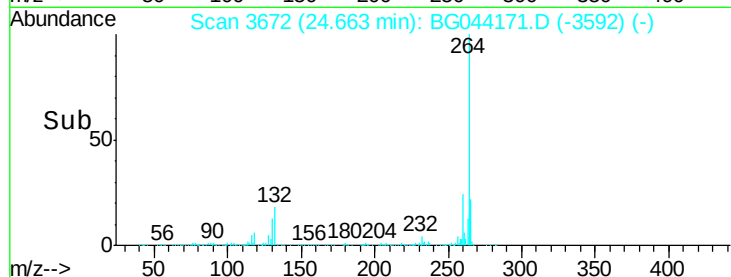
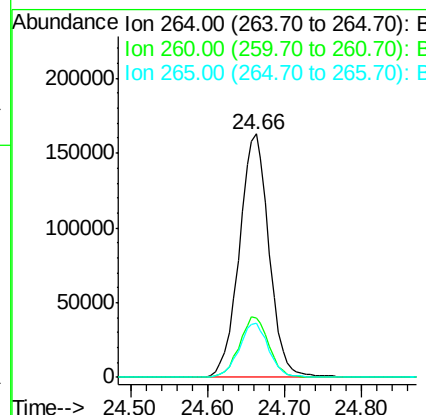
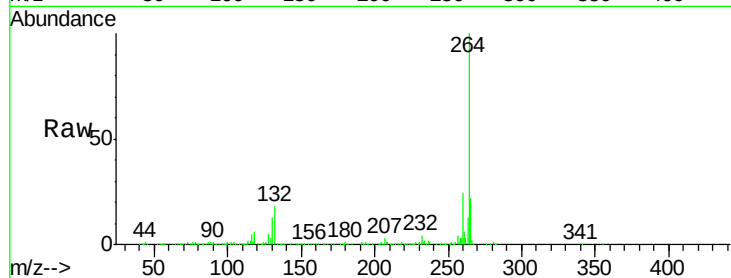
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	22.5	17.4	26.2

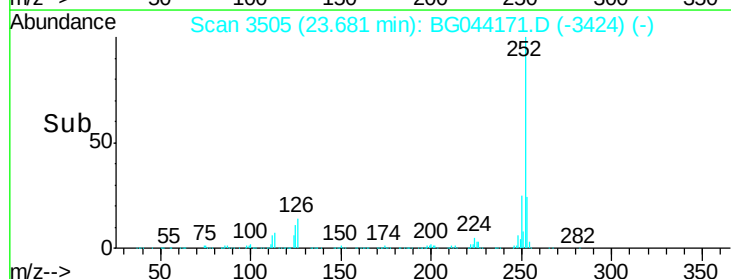
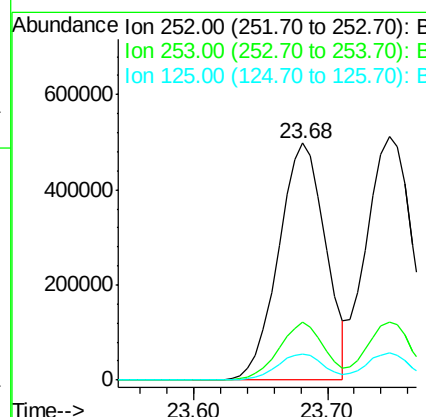
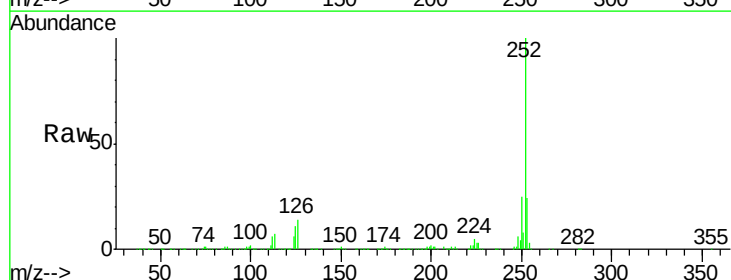
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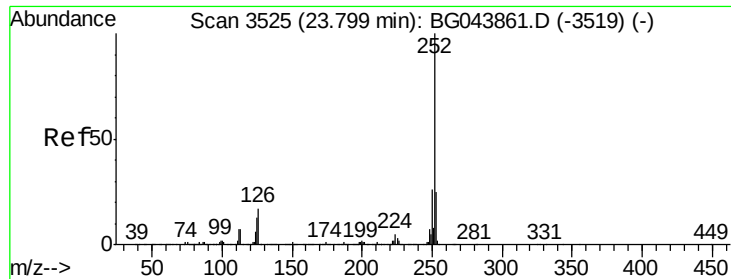
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#88
Benzo(b)fluoranthene
Concen: 46.857 ng
RT: 23.68 min Scan# 3505
Delta R.T. -0.05 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.7	29.5
125	11.1	9.4	14.2





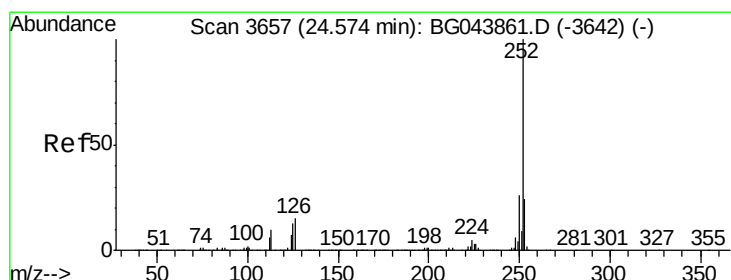
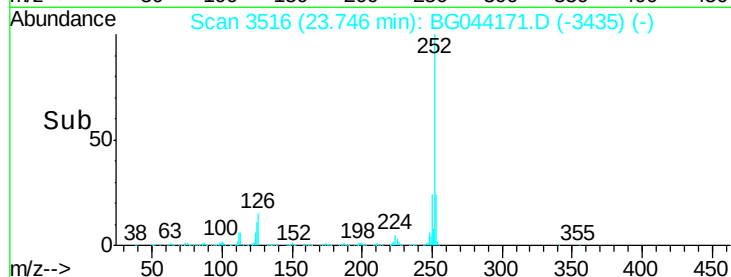
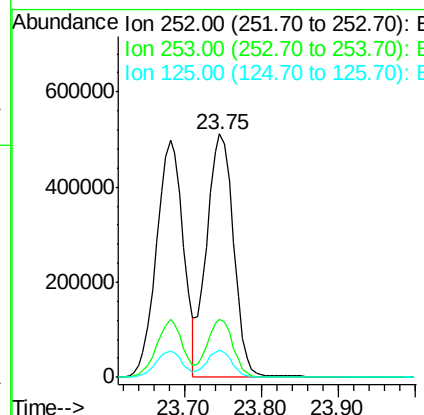
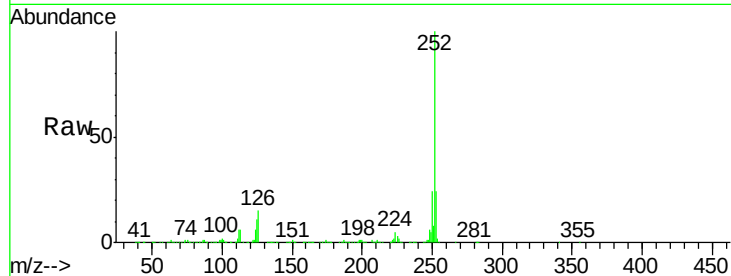
#89
Benzo(k)fluoranthene
Concen: 49.797 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.05 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.4	29.2
125	11.2	9.9	14.9

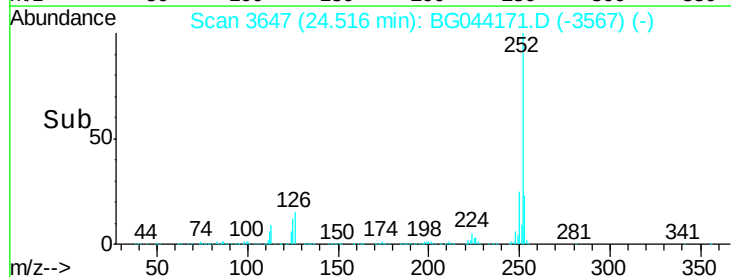
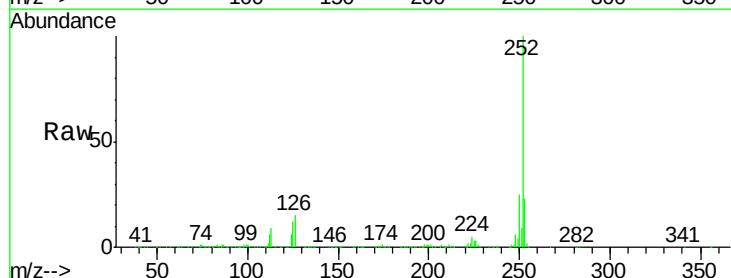
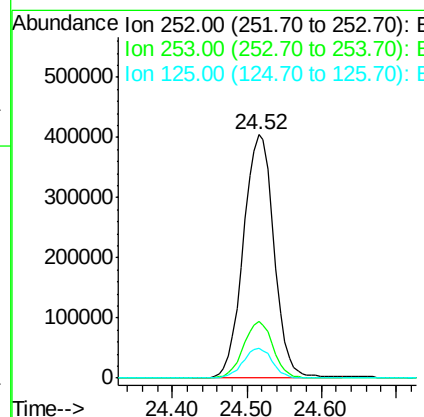
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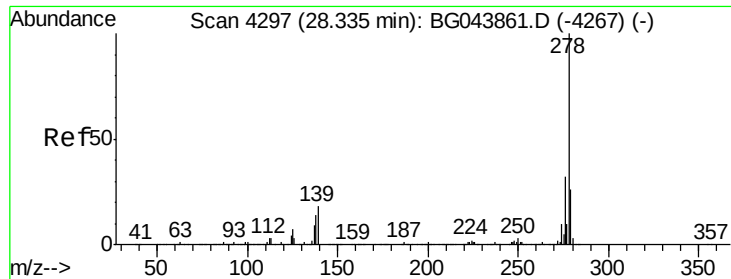
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#90
Benzo(a)pyrene
Concen: 47.108 ng
RT: 24.52 min Scan# 3647
Delta R.T. -0.06 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.3	28.9
125	12.4	10.4	15.6





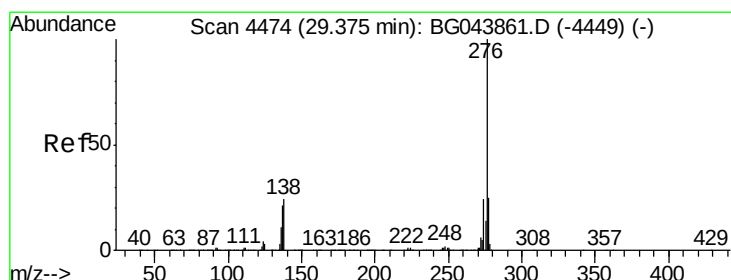
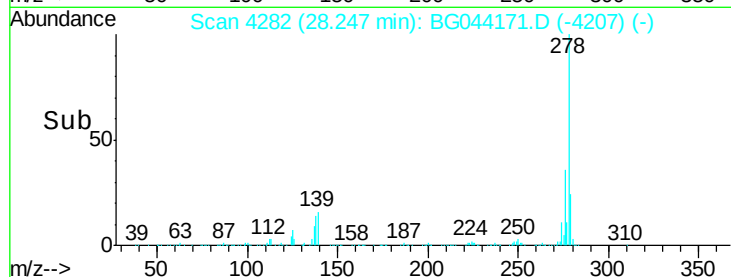
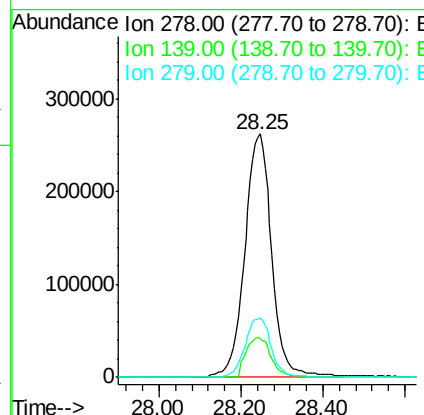
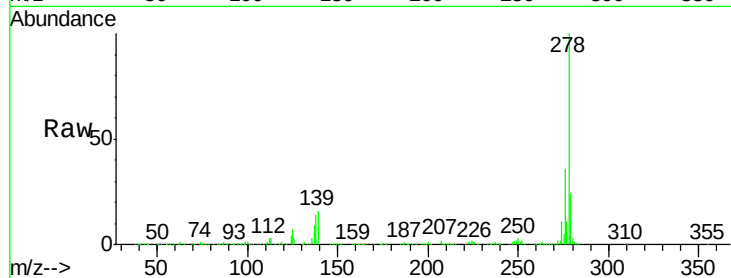
#91
Dibenzo(a,h)anthracene
Concen: 48.415 ng
RT: 28.25 min Scan# 4282
Delta R.T. -0.09 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tot Ion:278 Resp: 1189880
Ion Ratio Lower Upper
278 100
139 15.9 14.2 21.4
279 24.4 20.6 30.8

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#92
Benzo(g,h,i)perylene
Concen: 49.849 ng
RT: 29.28 min Scan# 4458
Delta R.T. -0.09 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion:276 Resp: 1216947
Ion Ratio Lower Upper
276 100
277 23.9 20.2 30.4
138 22.4 19.0 28.6

