

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044137.D
 Acq On : 21 Jan 2020 17:20
 Operator : JU
 Sample : L1211-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1-15-30MS

Manual Integrations
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 1/23/2020 7:58:19 AM

Quant Time: Jan 22 07:12:11 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	92768	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	401896	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	250901	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	515277	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	431884	20.00	ng	-0.03
87) Perylene-d12	24.66	264	496543	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	803064	158.95	ng	-0.03
7) Phenol-d6	7.11	99	1070408	151.57	ng	-0.02
23) Nitrobenzene-d5	9.09	82	656252	87.35	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	382940	145.85	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1360678	98.26	ng	-0.03
79) Terphenyl-d14	19.92	244	1843414	111.16	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.40	88	86205	39.132 ng	98
3) Pyridine	3.79	79	222890	34.249 ng	93
4) n-Nitrosodimethylamine	3.70	42	120311	41.524 ng	95
6) Aniline	7.25	93	237449	25.598 ng	97
8) 2-Chlorophenol	7.50	128	313330	52.826 ng	100
9) Benzaldehyde	7.06	77	152287	33.691 ng	99
10) Phenol	7.13	94	398329	54.742 ng	99
11) bis(2-Chloroethyl)ether	7.35	93	281336	44.792 ng	99
12) 1,3-Dichlorobenzene	7.82	146	306801	44.202 ng	99
13) 1,4-Dichlorobenzene	7.97	146	307749	44.937 ng	98
14) 1,2-Dichlorobenzene	8.28	146	293301	44.619 ng	99
15) Benzyl Alcohol	8.17	79	258946	46.458 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	385444	39.665 ng	99
17) 2-Methylphenol	8.38	107	266786	50.665 ng	98
18) Hexachloroethane	9.02	117	117202	43.981 ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	226801	43.123 ng	98
20) 3+4-Methylphenols	8.71	107	363328	49.461 ng	99
22) Acetophenone	8.75	105	417767	41.812 ng	99
24) Nitrobenzene	9.13	77	322206	43.303 ng	98
25) Isophorone	9.65	82	615220	43.650 ng	100
26) 2-Nitrophenol	9.84	139	175025	49.719 ng	98
27) 2,4-Dimethylphenol	9.91	122	294434	55.563 ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	394393	41.972 ng	99
29) 2,4-Dichlorophenol	10.38	162	302061	47.787 ng	97
30) 1,2,4-Trichlorobenzene	10.60	180	304812	43.008 ng	98
31) Naphthalene	10.78	128	897596	46.153 ng	98
32) Benzoic acid	10.06	122	135841	33.634 ng	96
33) 4-Chloroaniline	10.89	127	113196	12.203 ng	99
34) Hexachlorobutadiene	11.08	225	176973	40.898 ng	97
35) Caprolactam	11.66	113	108091m	45.936 ng	
36) 4-Chloro-3-methylphenol	12.02	107	316292	47.004 ng	98
37) 2-Methylnaphthalene	12.39	142	664977	45.416 ng	97
38) 1-Methylnaphthalene	12.61	142	635274	45.779 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	316543	43.044 ng	99

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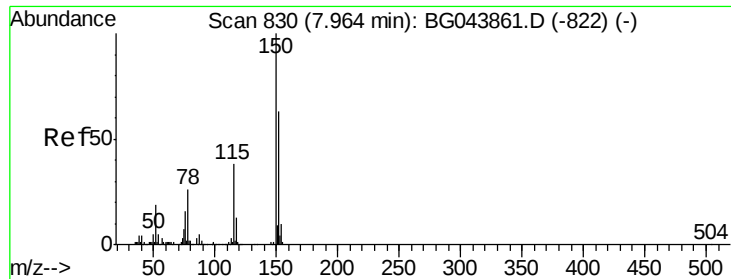
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	402296	105.519	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	234512	46.345	ng	96
44) 2,4,5-Trichlorophenol	13.08	196	249176	47.745	ng	98
46) 1,1'-Biphenyl	13.40	154	830974	46.193	ng	99
47) 2-Chloronaphthalene	13.44	162	646952	44.506	ng	98
48) 2-Nitroaniline	13.64	65	197733	42.287	ng	99
49) Acenaphthylene	14.29	152	1021152	48.875	ng	98
50) Dimethylphthalate	14.02	163	898244	50.421	ng	99
51) 2,6-Dinitrotoluene	14.14	165	184984	45.941	ng	97
52) Acenaphthene	14.63	154	634327	43.293	ng	96
53) 3-Nitroaniline	14.46	138	111664	24.421	ng	99
54) 2,4-Dinitrophenol	14.68	184	173019	84.046	ng	97
55) Dibenzofuran	14.96	168	956383	47.415	ng	99
56) 4-Nitrophenol	14.79	139	333282	95.116	ng	95
57) 2,4-Dinitrotoluene	14.93	165	257616	47.019	ng	98
58) Fluorene	15.62	166	749347	46.872	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	209099	46.594	ng	99
60) Diethylphthalate	15.39	149	811785	45.559	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	391374	45.084	ng	98
62) 4-Nitroaniline	15.63	138	185462	41.073	ng	95
63) Azobenzene	15.90	77	761281	46.069	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	142650	53.208	ng	98
66) n-Nitrosodiphenylamine	15.82	169	699631	46.107	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	251280	43.359	ng	99
68) Hexachlorobenzene	16.63	284	267316	42.808	ng	99
69) Atrazine	16.77	200	252689	51.230	ng	98
70) Pentachlorophenol	16.97	266	290794	84.476	ng	100
71) Phenanthrene	17.36	178	1152278	46.622	ng	98
72) Anthracene	17.44	178	1199863	49.123	ng	98
73) Carbazole	17.71	167	1064806	47.194	ng	98
74) Di-n-butylphthalate	18.28	149	1312739	45.570	ng	97
75) Fluoranthene	19.36	202	1321753	46.762	ng	97
77) Benzidine	19.54	184	443425	40.847	ng	97
78) Pyrene	19.72	202	1323295	46.941	ng	97
80) Butylbenzylphthalate	20.62	149	620257	46.214	ng	96
81) Benzo(a)anthracene	21.54	228	1265582	47.259	ng	97
82) 3,3'-Dichlorobenzidine	21.46	252	272200	25.728	ng	99
83) Chrysene	21.60	228	1202544	47.258	ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	877300	47.373	ng	98
85) Di-n-octyl phthalate	22.64	149	1529834	49.138	ng	97
86) Indeno(1,2,3-cd)pyrene	28.20	276	1577155	45.607	ng	100
88) Benzo(b)fluoranthene	23.69	252	1347188	45.894	ng	98
89) Benzo(k)fluoranthene	23.75	252	1285721	46.060	ng	99
90) Benzo(a)pyrene	24.52	252	1237543	44.668	ng	98
91) Dibenzo(a,h)anthracene	28.25	278	1282987	46.110	ng	97
92) Benzo(g,h,i)perylene	29.29	276	1317844	47.682	ng	97

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



#1

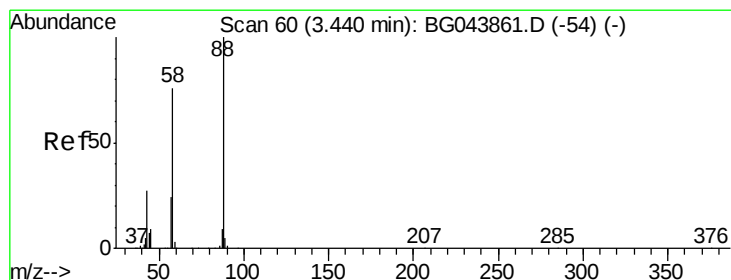
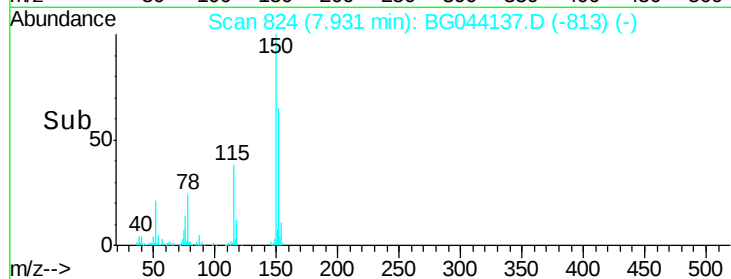
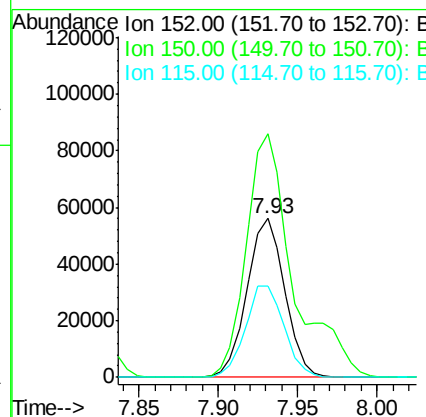
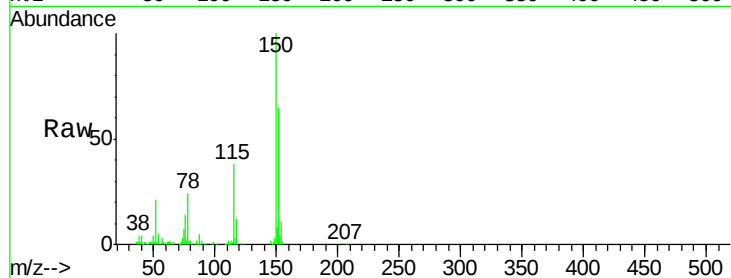
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	127.0	190.4
115	57.6	47.8	71.8

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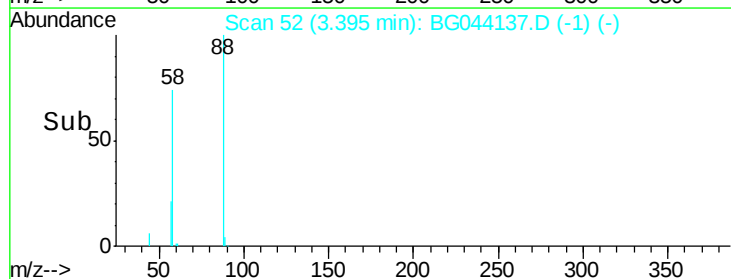
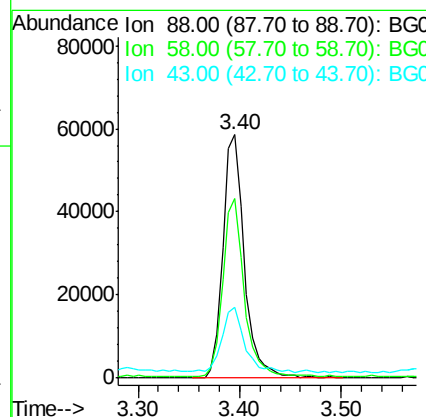
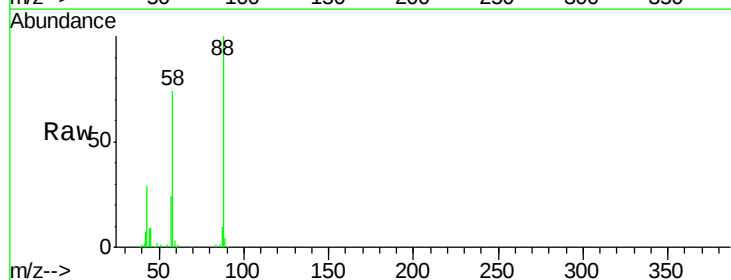
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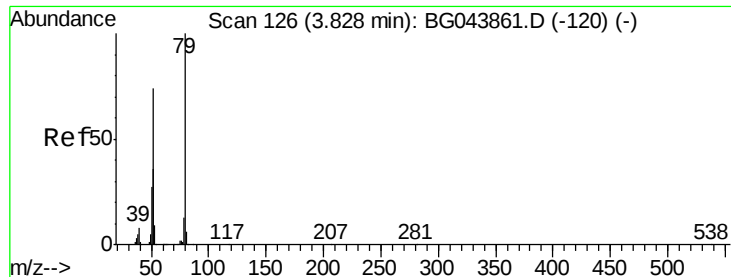


#2

1,4-Dioxane
Concen: 39.132 ng
RT: 3.40 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	59.8	89.8
43	27.9	22.9	34.3





#3

Pvridine

Concen: 34.249 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA_G

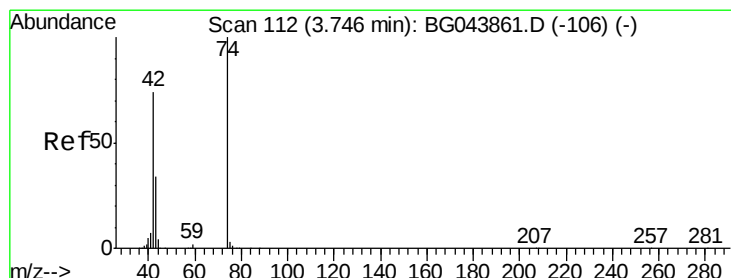
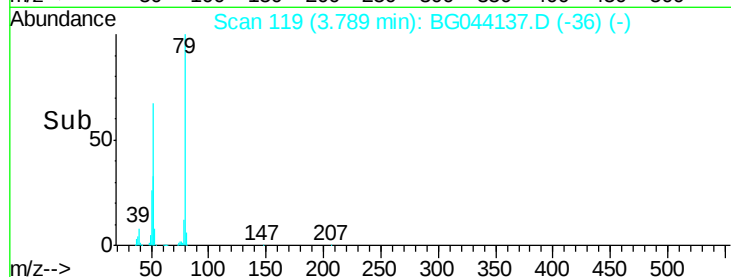
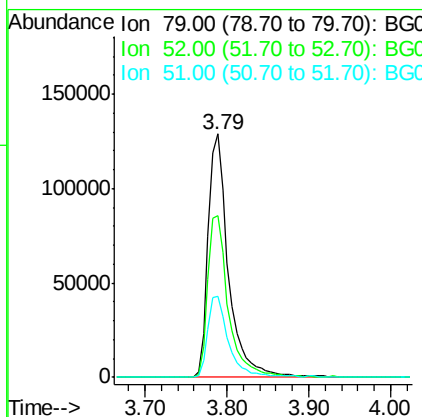
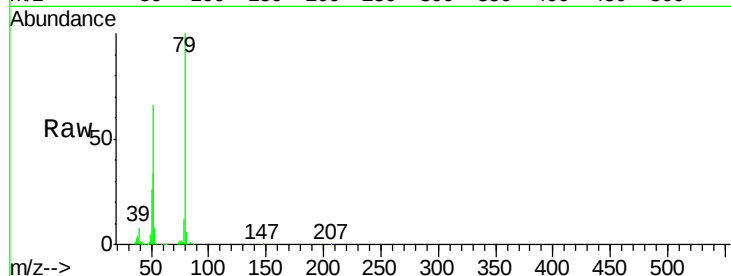
ClientSampleId :

B1-15-30MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		222890		
52	66.4	58.9	88.3		
51	33.5	28.6	43.0		

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#4

n-Nitrosodimethylamine

Concen: 41.524 ng

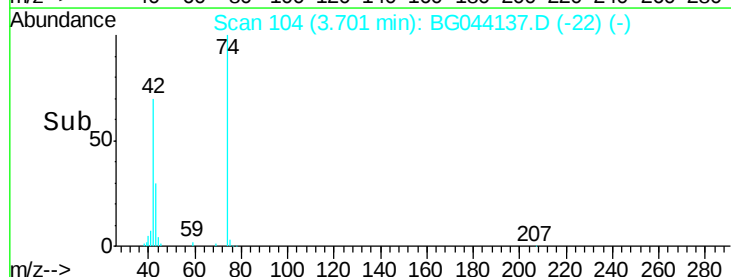
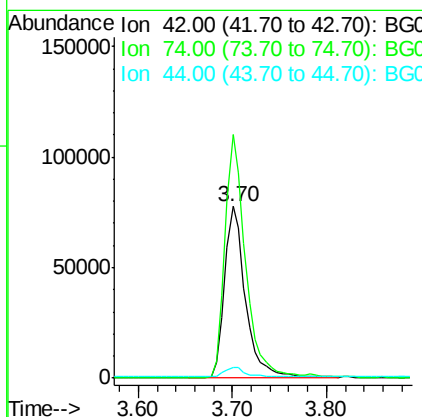
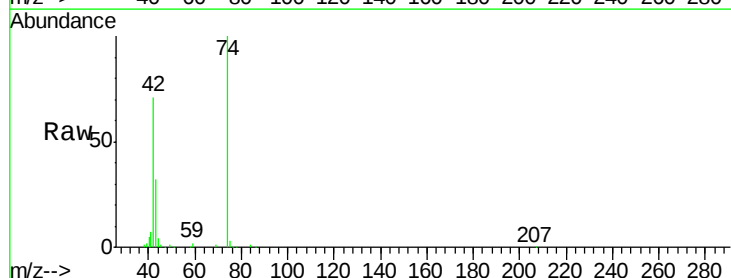
RT: 3.70 min Scan# 104

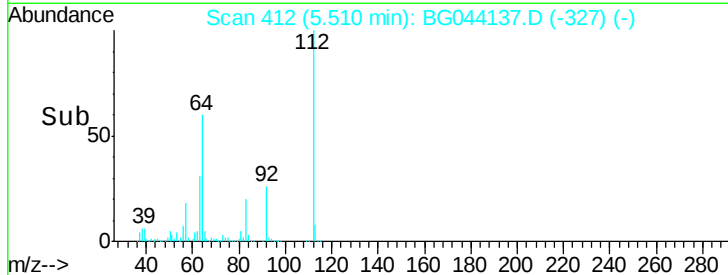
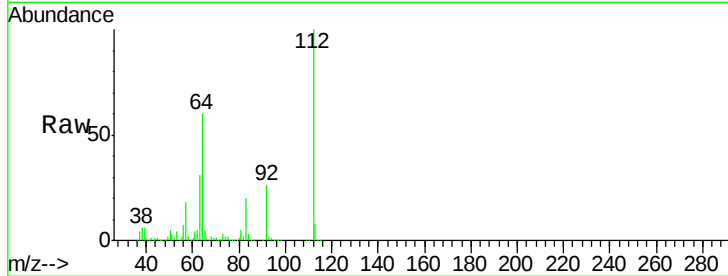
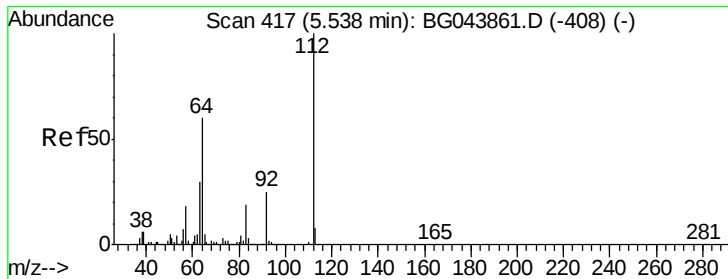
Delta R.T. -0.05 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		120311		
74	141.7	108.6	162.8		
44	6.4	5.0	7.6		





#5

2-Fluorophenol

Concen: 158.947 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Tot Ion:	112	Resp:	803064
Ion Ratio	Lower	Upper	
112	100		
64	59.9	47.8	71.6
63	31.3	24.3	36.5

Instrument :

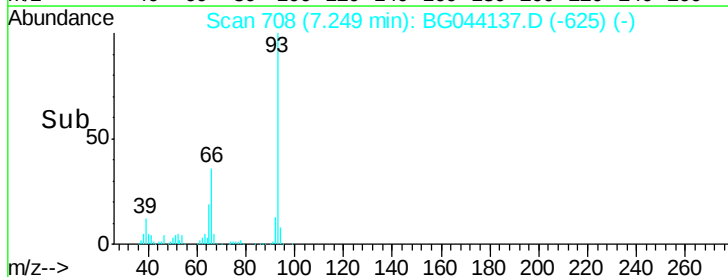
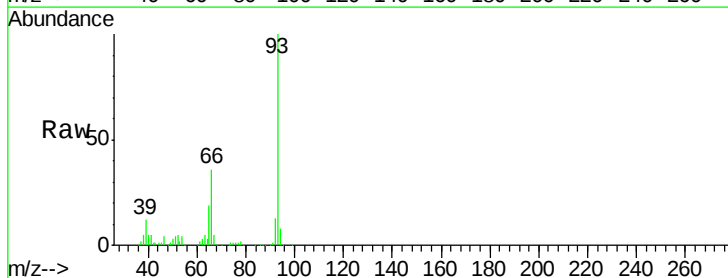
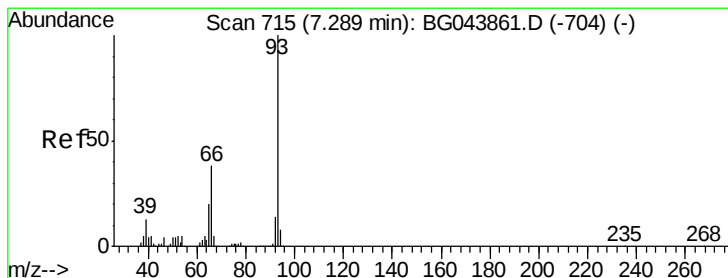
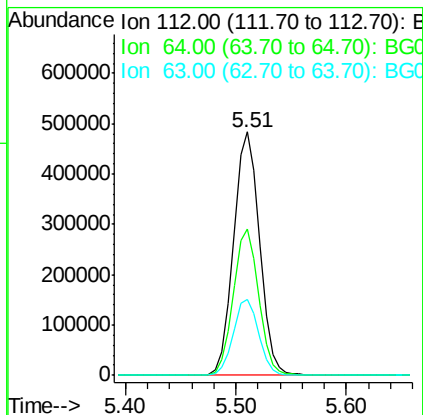
BNA_G

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B1-15-30MS

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#6

Aniline

Concen: 25.598 ng

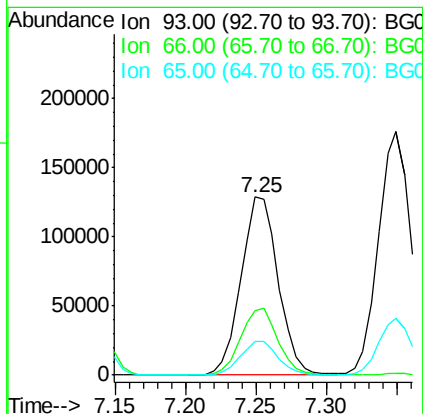
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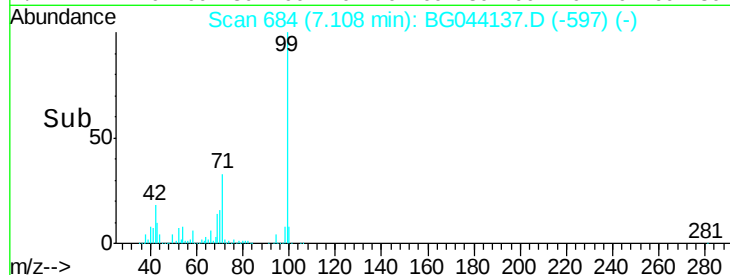
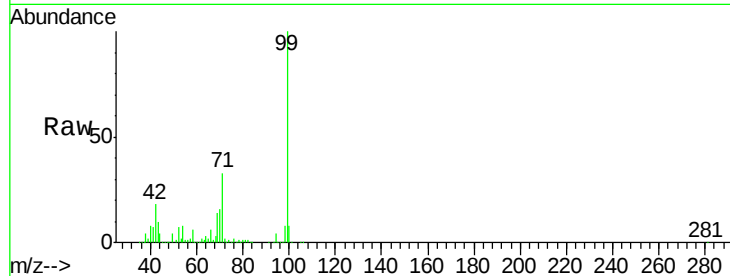
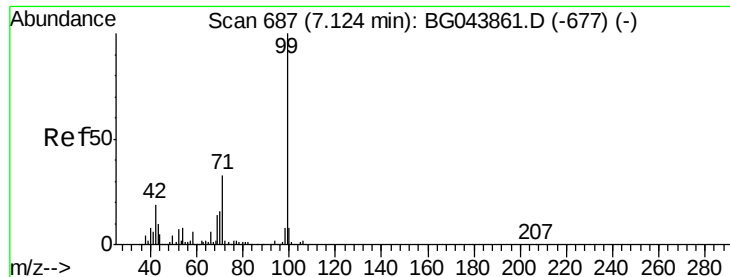
Delta R.T. -0.04 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Tgt Ion:	93	Resp:	237449
Ion Ratio	Lower	Upper	
93	100		
66	36.3	30.8	46.2
65	19.1	16.0	24.0





#7

Phenol-d6

Concen: 151.566 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Tot Ion:	99	Resp:	1070408
Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.9	22.3
71	32.9	26.4	39.6

Instrument :

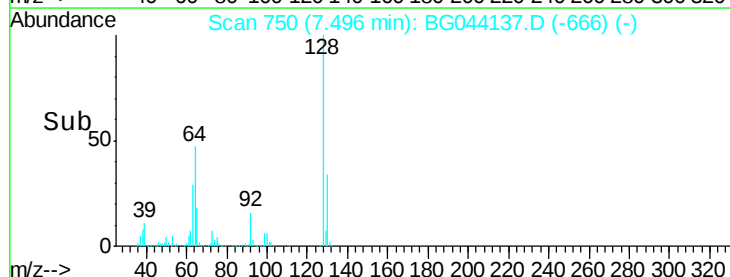
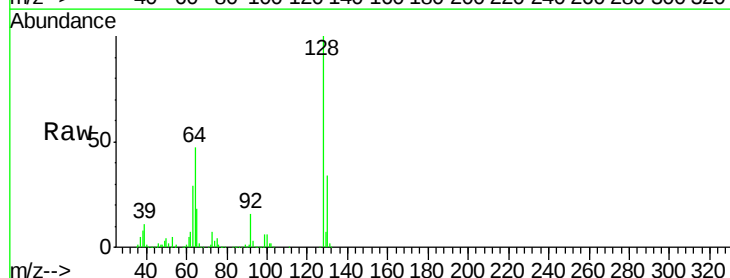
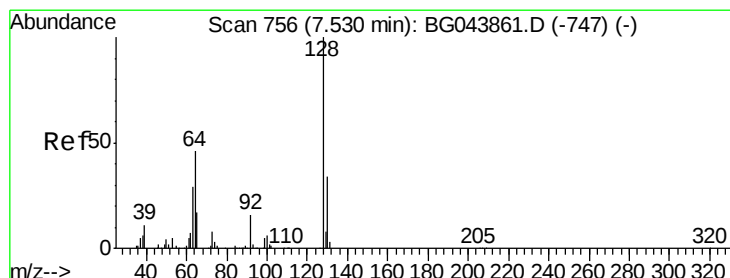
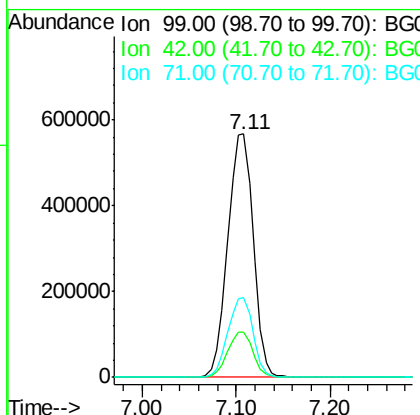
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#8

2-Chlorophenol

Concen: 52.826 ng

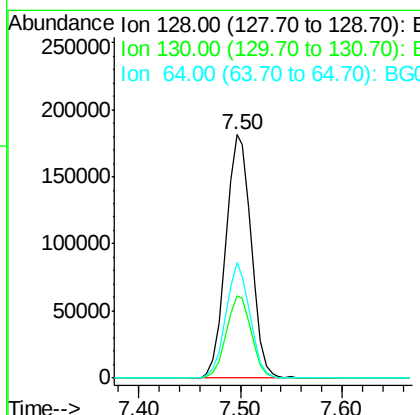
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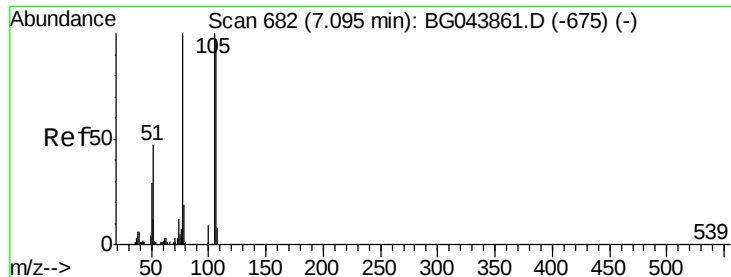
Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Tgt Ion:	128	Resp:	313330
Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.8	53.8
64	47.3	27.6	67.6





#9

Benzaldehyde

Concen: 33.691 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA_G

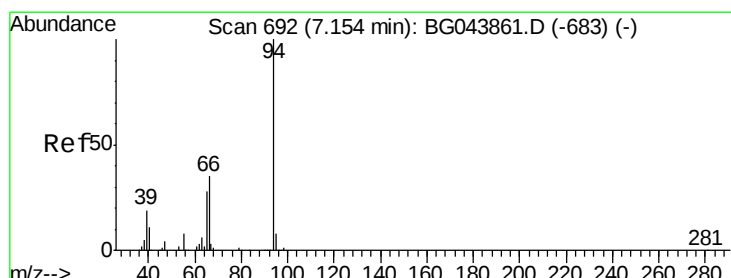
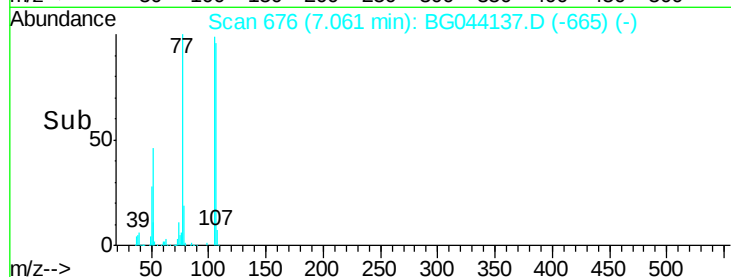
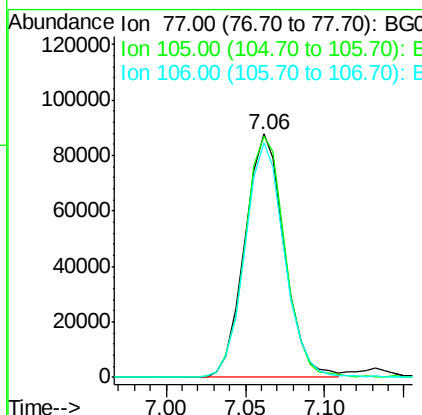
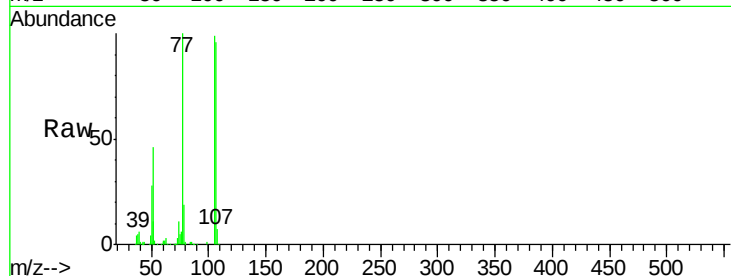
ClientSampleId :

B1-15-30MS

Tot Ion:	77	Resp:	152287
Ion	Ratio	Lower	Upper
77	100		
105	98.9	80.2	120.2
106	96.4	77.2	117.2

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#10

Phenol

Concen: 54.742 ng

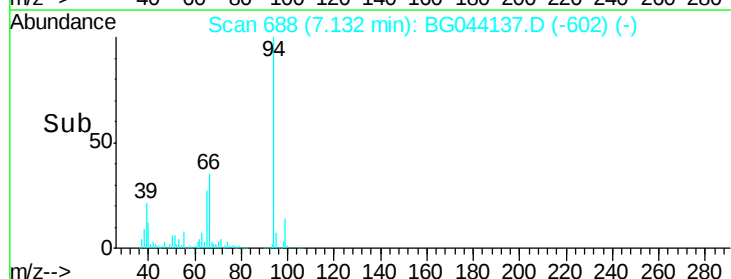
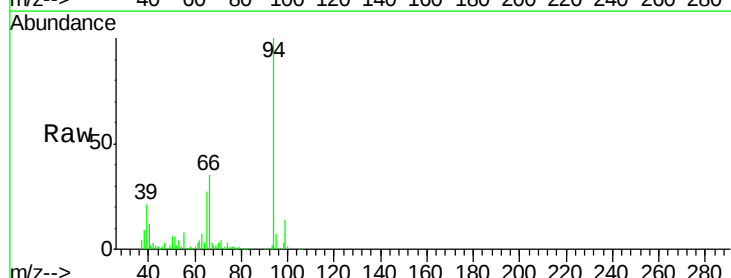
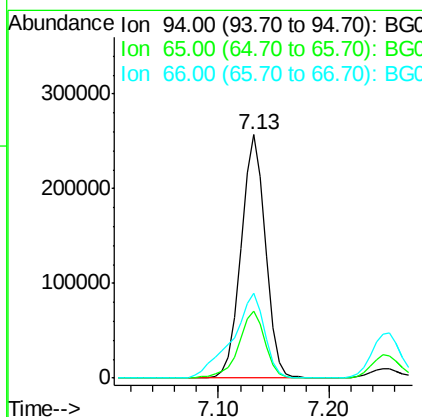
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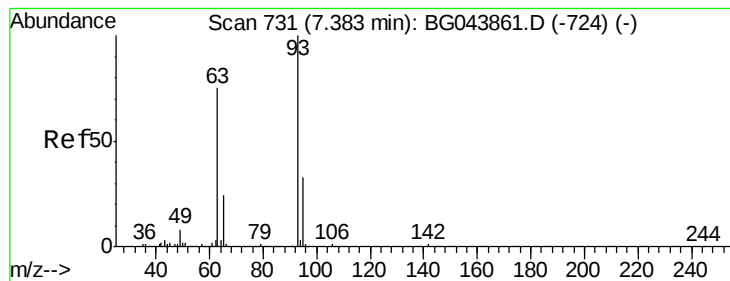
Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Tgt Ion:	94	Resp:	398329
Ion	Ratio	Lower	Upper
94	100		
65	27.4	8.1	48.1
66	34.8	15.6	55.6





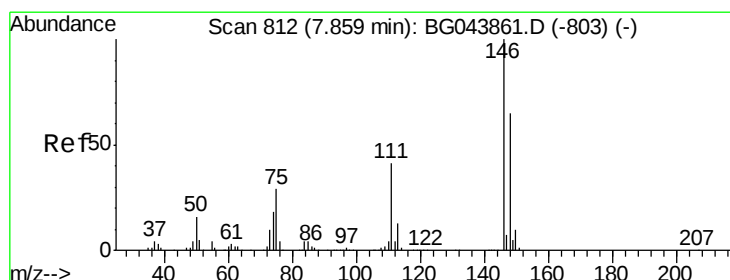
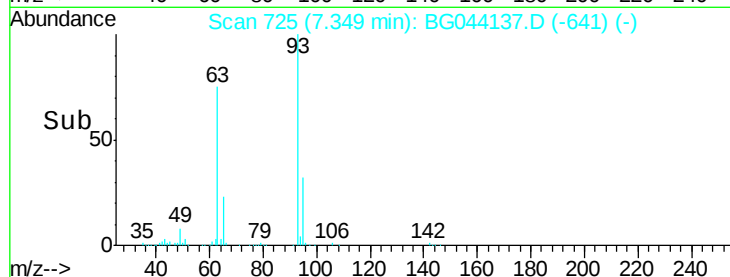
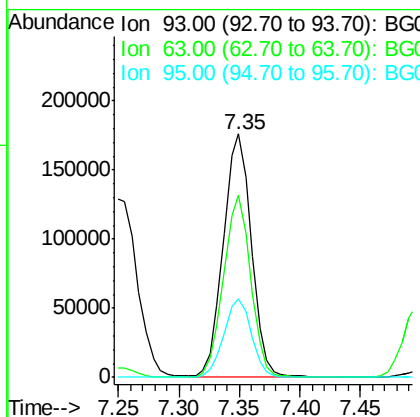
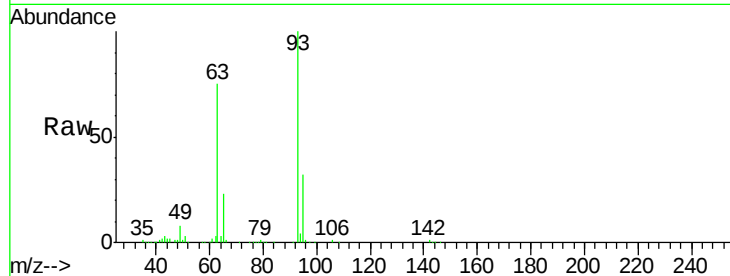
#11
bis(2-Chloroethyl)ether
Concen: 44.792 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	281336		
63	74.8		55.0	95.0
95	32.5		13.3	53.3

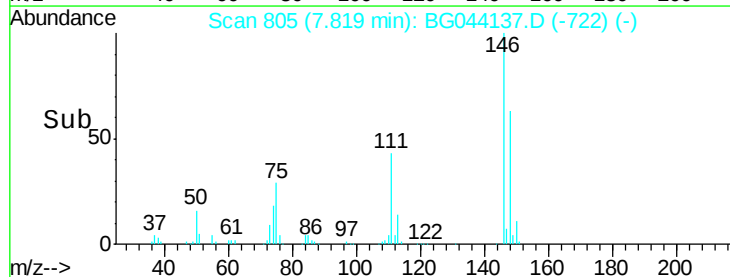
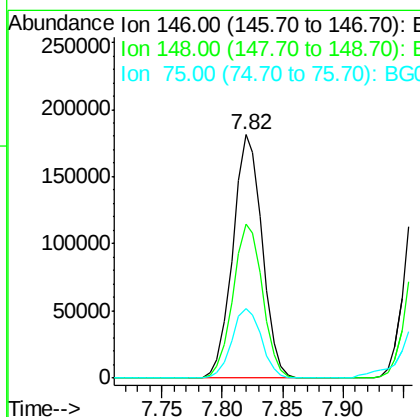
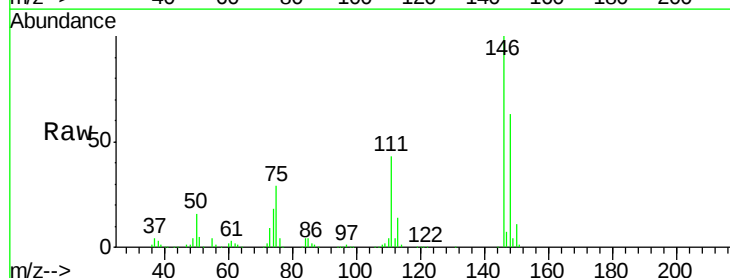
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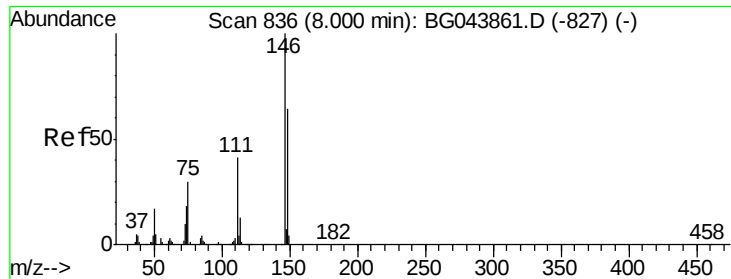
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#12
1,3-Dichlorobenzene
Concen: 44.202 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	306801		
148	63.5		52.1	78.1
75	28.8		23.0	34.4





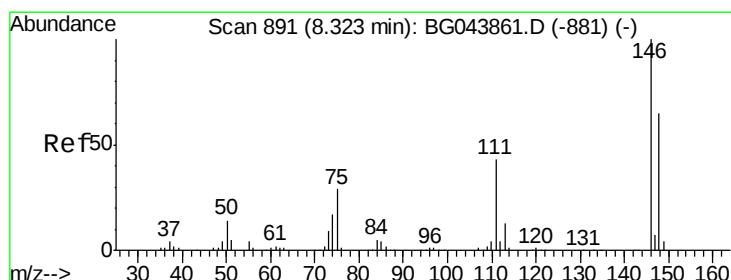
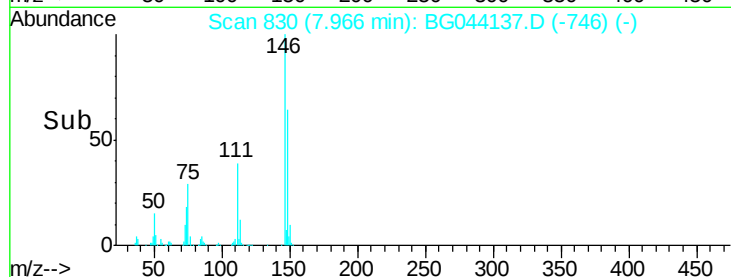
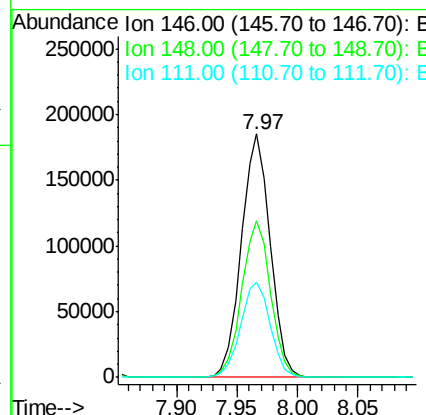
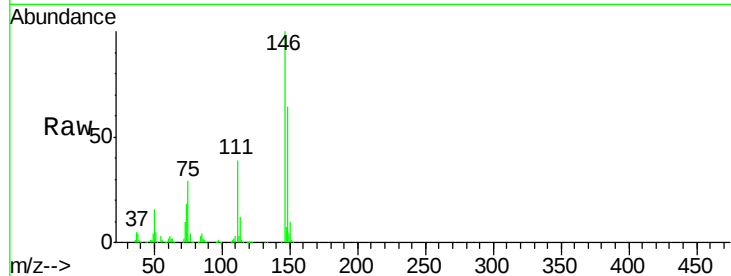
#13
 1,4-Dichlorobenzene
 Concen: 44.937 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BG044137.D
 Acq: 21 Jan 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 B1-15-30MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
111	39.3	33.1	49.7

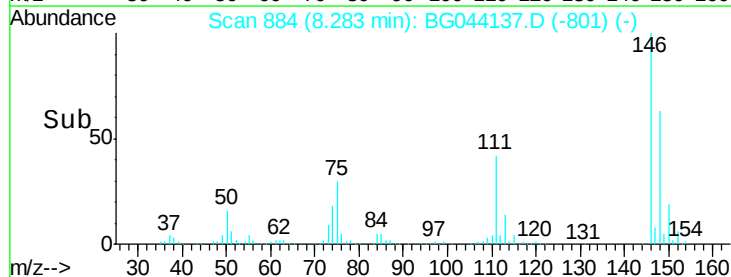
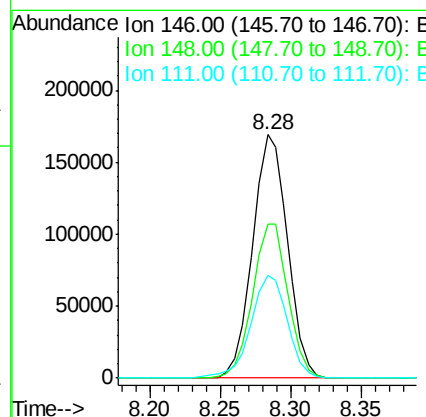
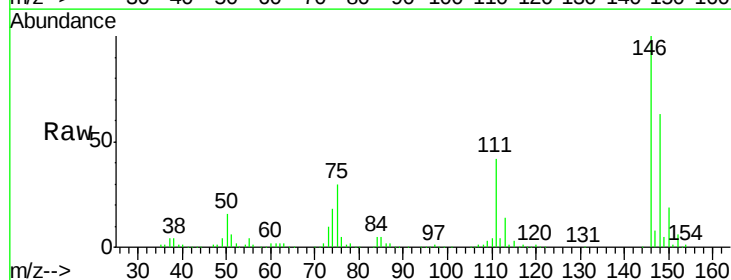
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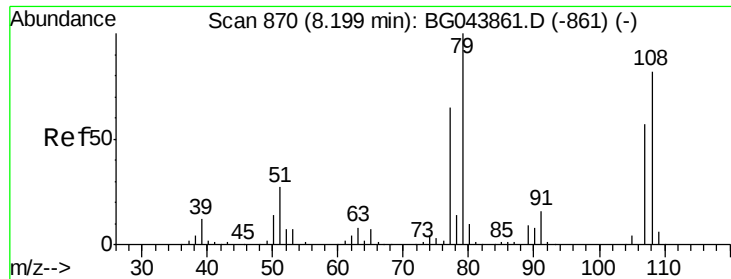
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#14
 1,2-Dichlorobenzene
 Concen: 44.619 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BG044137.D
 Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.7	77.5
111	42.3	34.4	51.6





#15

Benzyl Alcohol

Concen: 46.458 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA_G

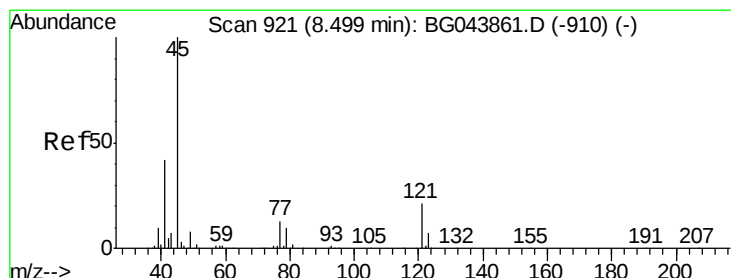
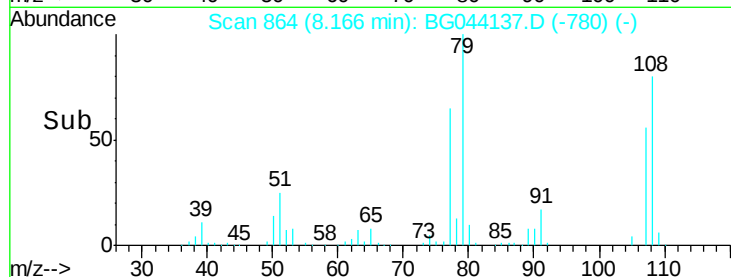
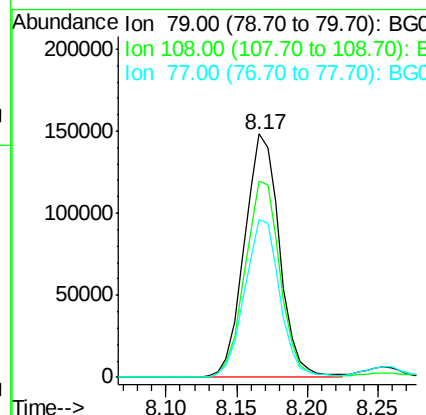
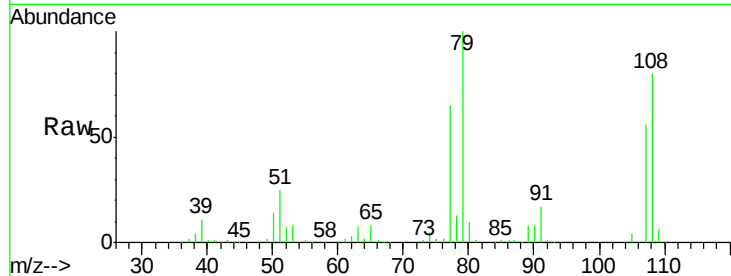
ClientSampleId :

B1-15-30MS

Tot Ion:	79	Resp:	258946
Ion Ratio	Lower	Upper	
79	100		
108	80.4	65.6	98.4
77	64.7	52.0	78.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.665 ng

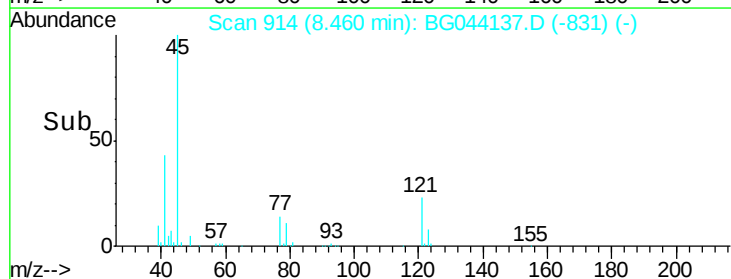
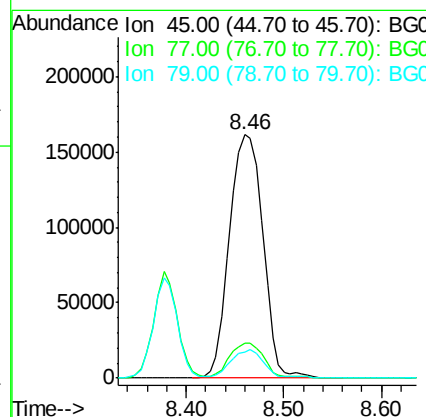
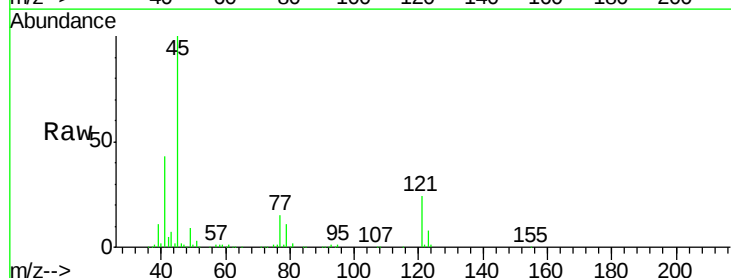
RT: 8.46 min Scan# 914

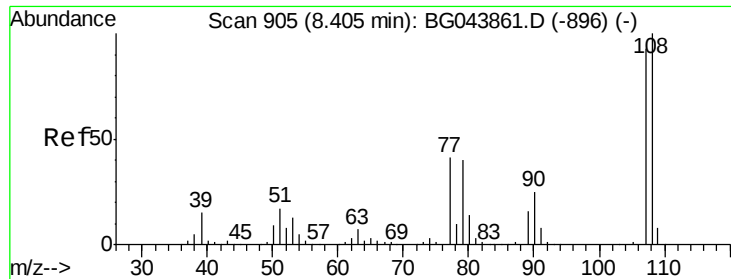
Delta R.T. -0.04 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Tgt Ion:	45	Resp:	385444
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	33.8
79	10.8	0.0	31.0





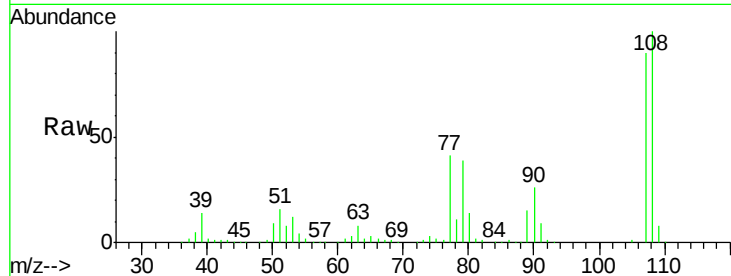
#17
2-Methylphenol
Concen: 50.665 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampled :
B1-15-30MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	266786		
108	110.8	86.1	129.1	
77	45.9	35.4	53.0	
79	43.4	34.8	52.2	

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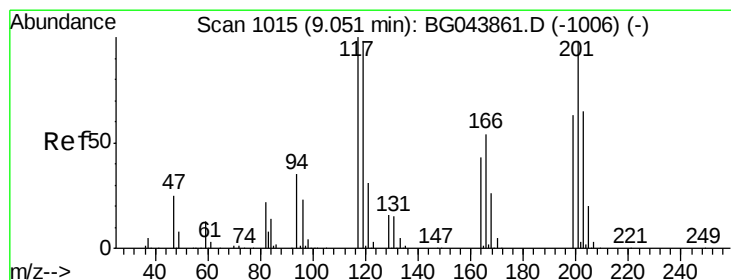
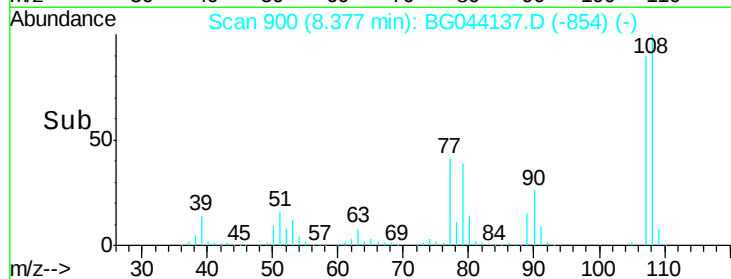
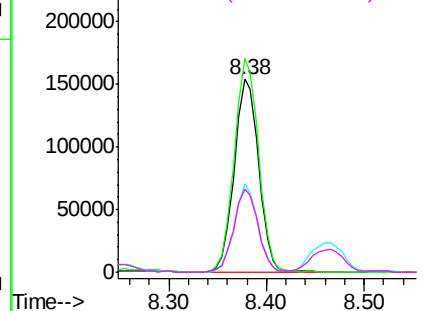
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

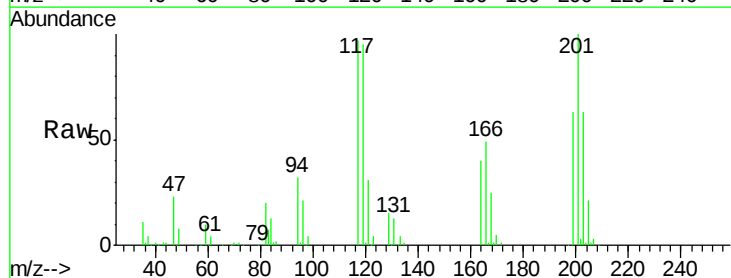
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.981 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	117202		
119	97.9	78.1	117.1	
201	103.4	78.6	117.8	

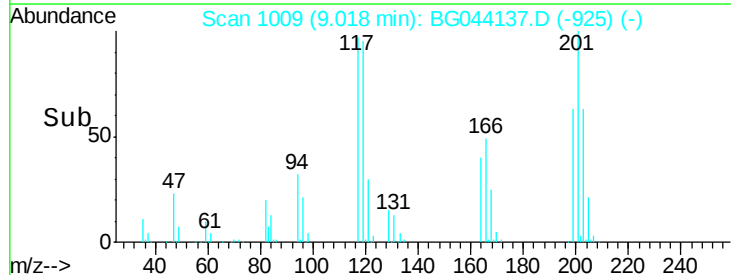
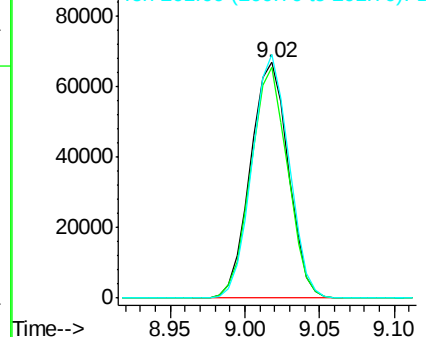


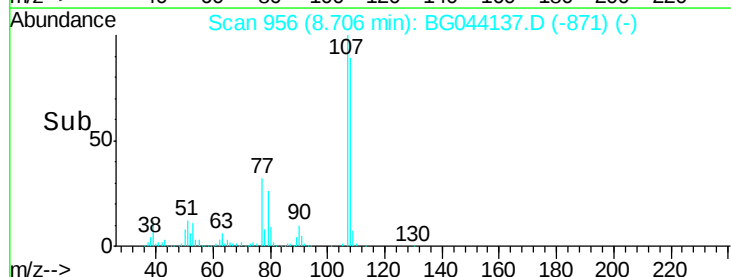
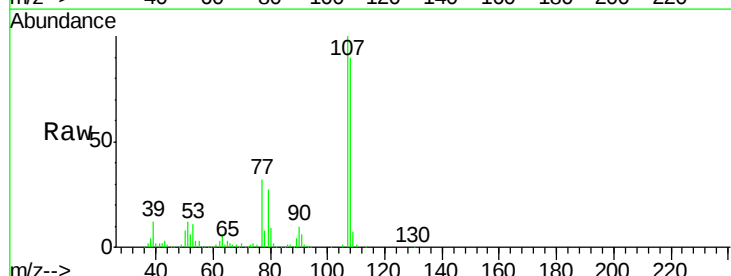
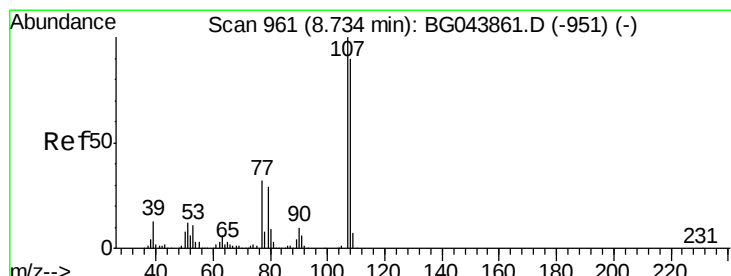
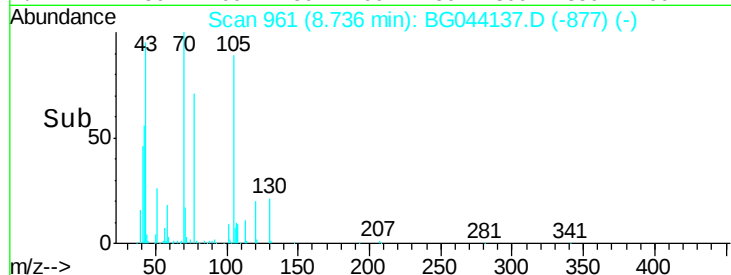
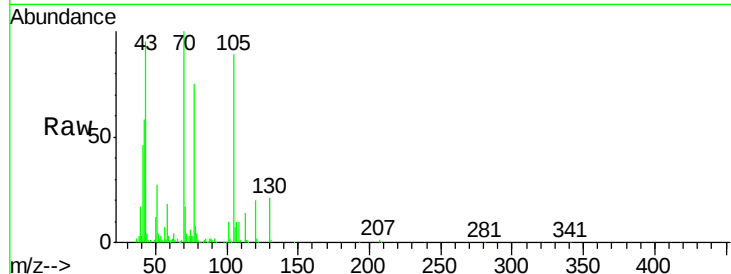
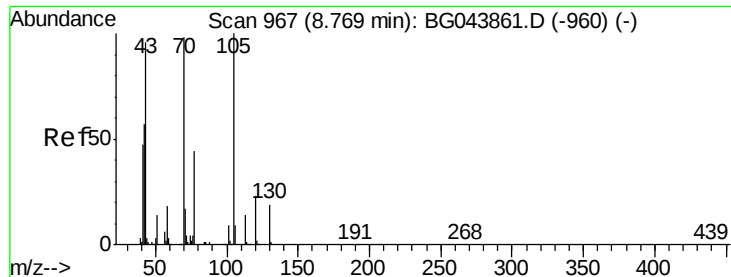
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

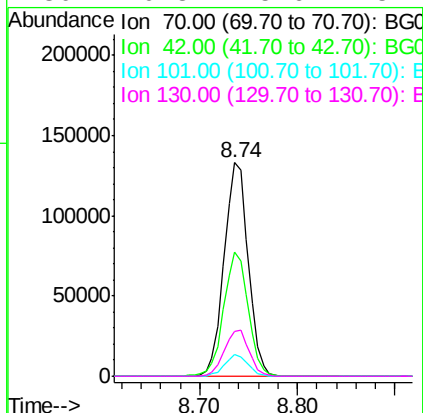
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 43.123 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.9	47.0	70.4	
101	9.9	7.2	10.8	
130	20.8	15.6	23.4	



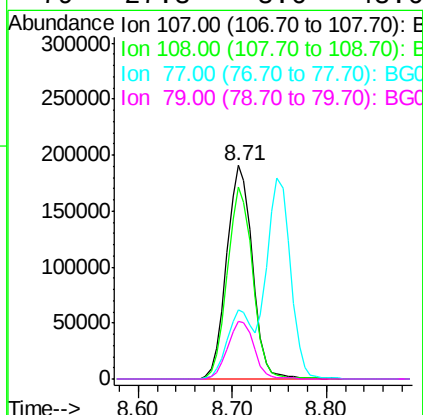
Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

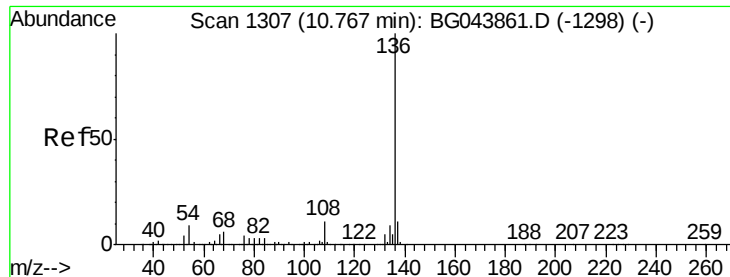
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#20
3+4-Methylphenols
Concen: 49.461 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.7	70.3	110.3	
77	32.5	12.4	52.4	
79	27.3	8.6	48.6	





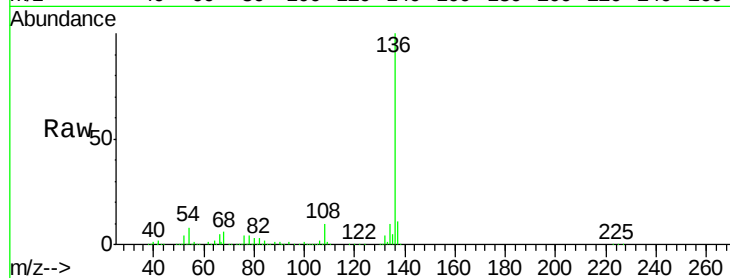
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

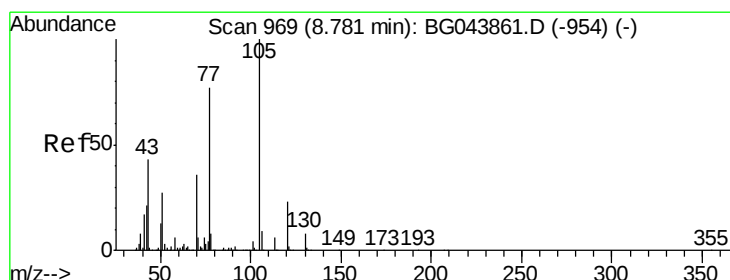
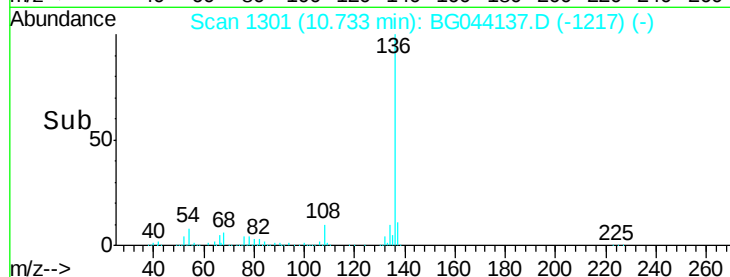
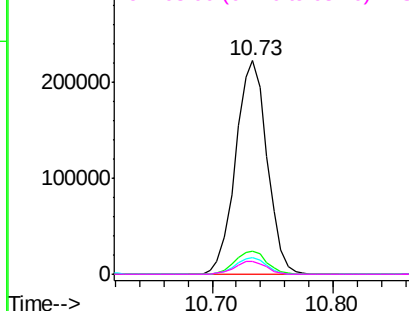
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		401896		
137	11.0	8.8	13.2		
54	7.7	7.0	10.4		
68	6.3	4.9	7.3		

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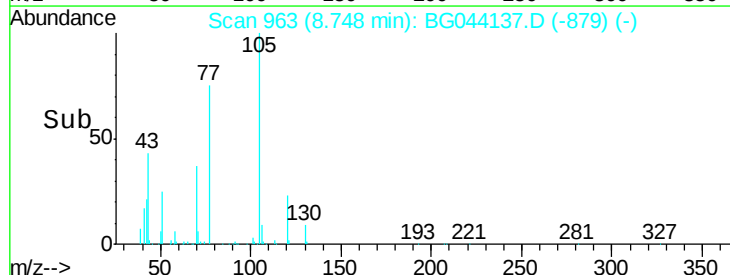
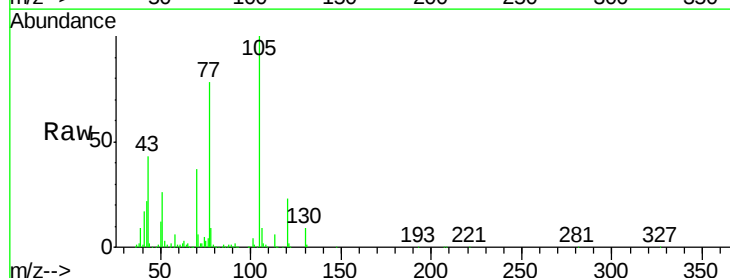
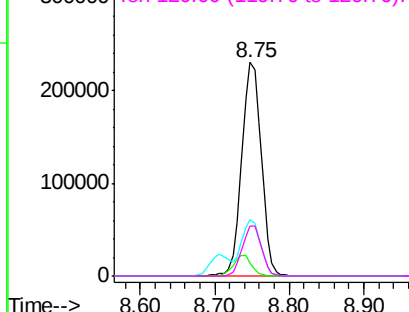
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

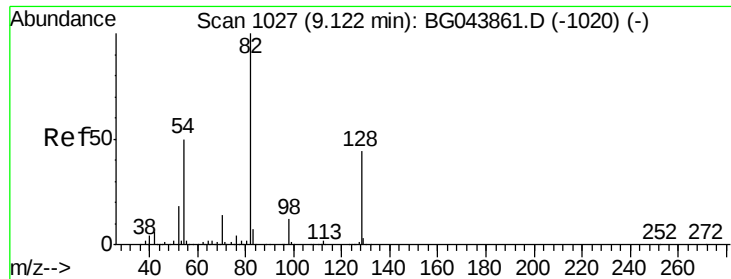


#22
Acetophenone
Concen: 41.812 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		417767		
71	6.2	4.8	7.2		
51	26.1	21.4	32.0		
120	23.2	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





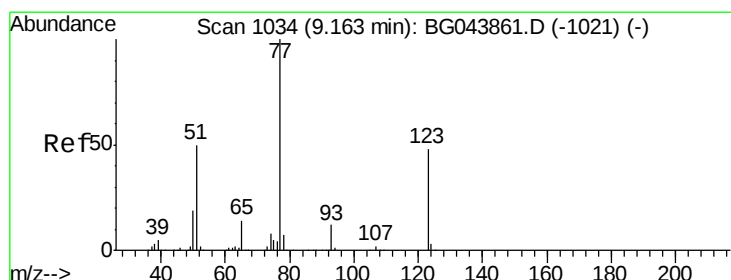
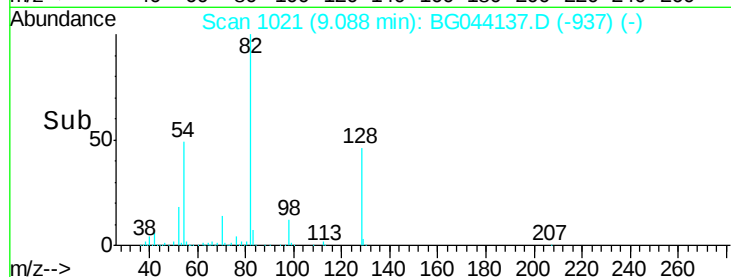
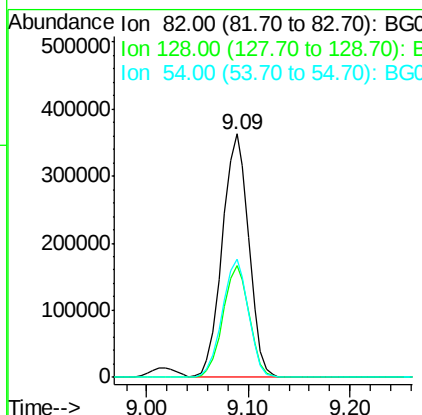
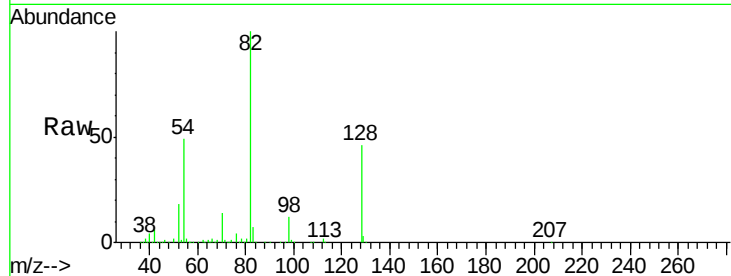
#23
Nitrobenzene-d5
Concen: 87.353 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.1	52.7
54	48.7	40.1	60.1

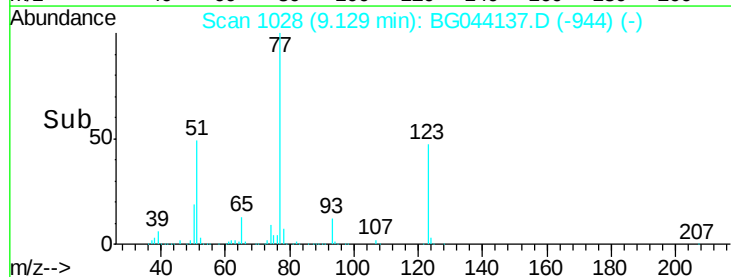
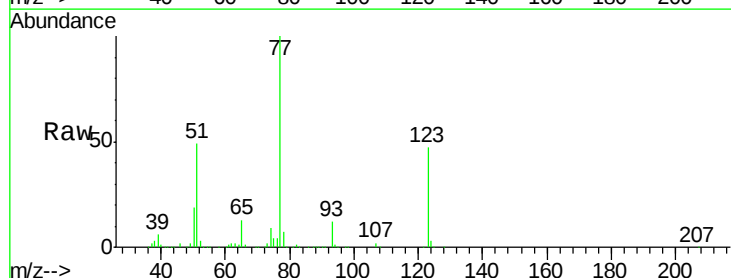
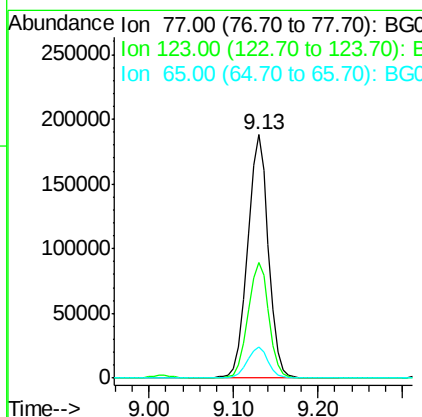
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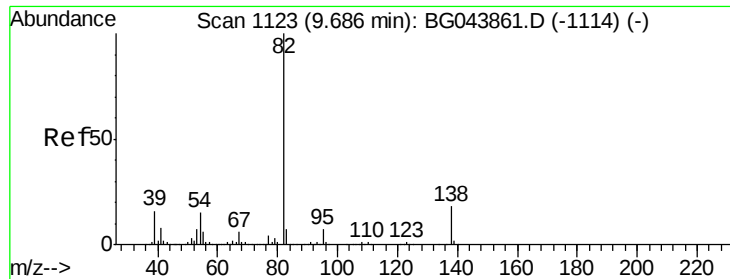
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#24
Nitrobenzene
Concen: 43.303 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	38.7	58.1
65	12.8	11.1	16.7





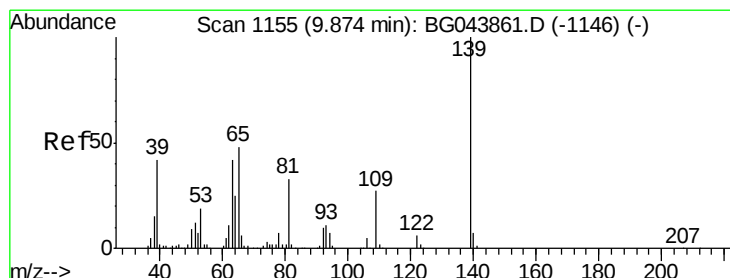
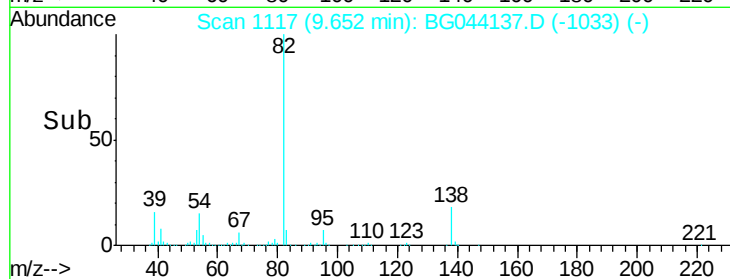
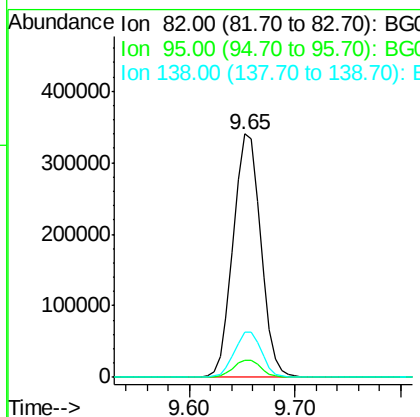
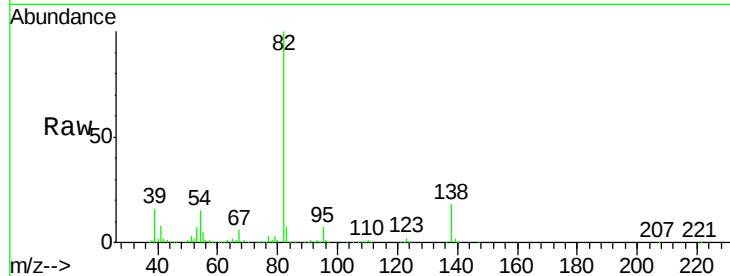
#25
Isophorone
Concen: 43.650 ng
RT: 9.65 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	18.4	14.6	22.0

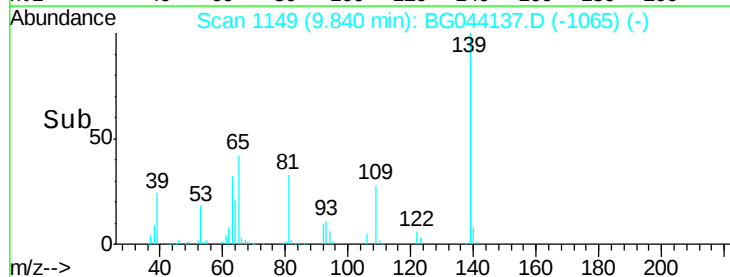
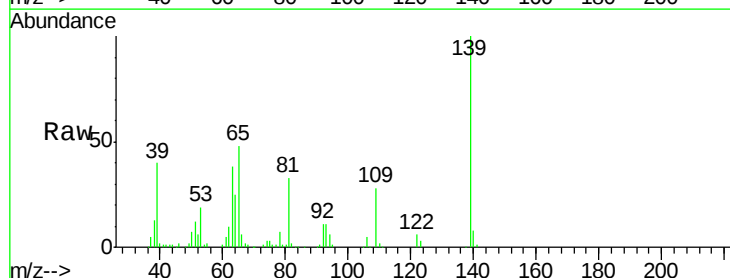
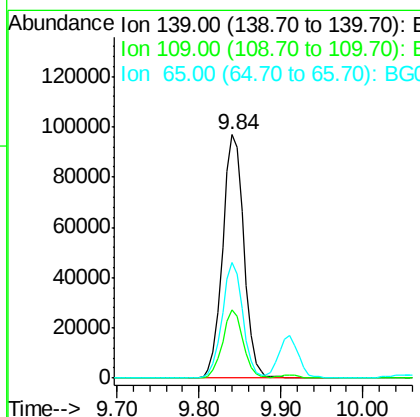
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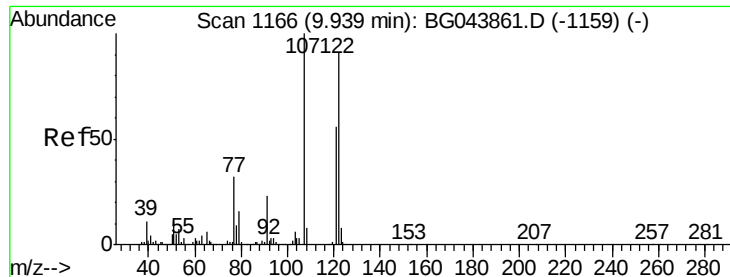
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#26
2-Nitrophenol
Concen: 49.719 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.2	21.3	31.9
65	47.6	38.6	57.8





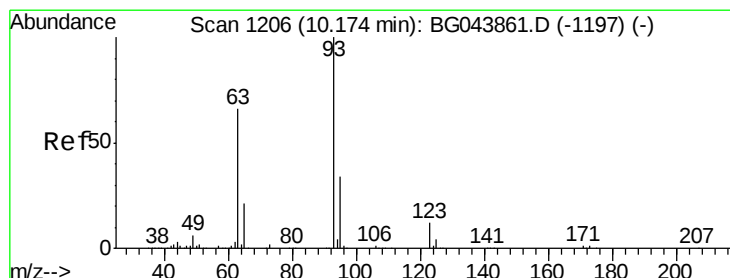
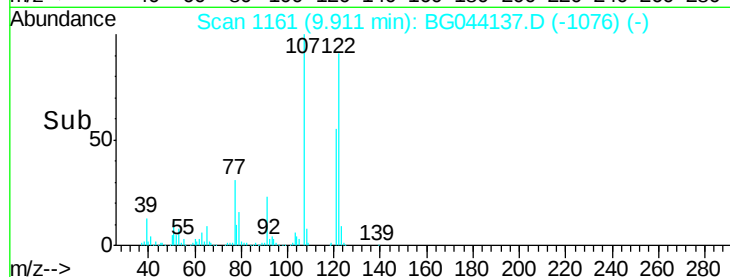
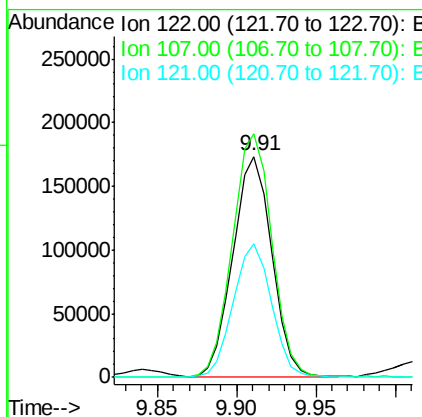
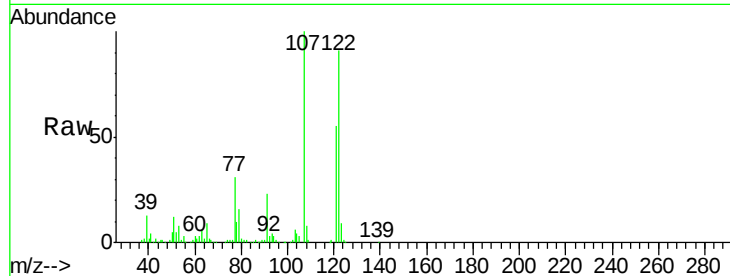
#27
2,4-Dimethylphenol
Concen: 55.563 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	294434		
107	110.3	88.0	132.0	
121	60.3	49.0	73.4	

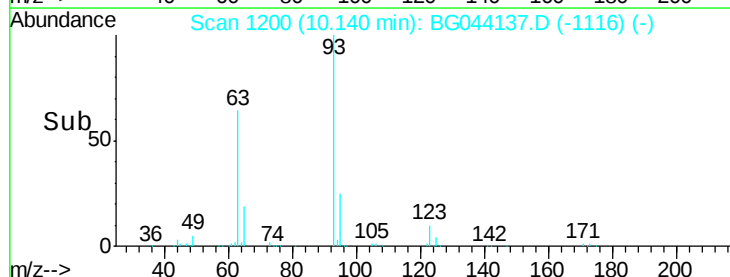
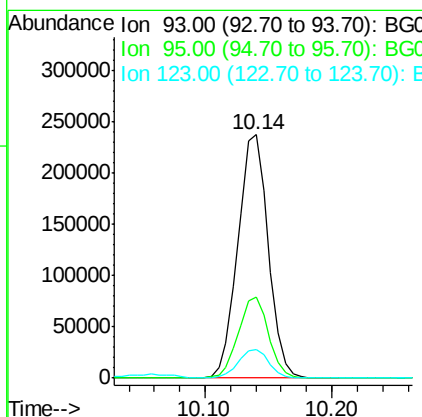
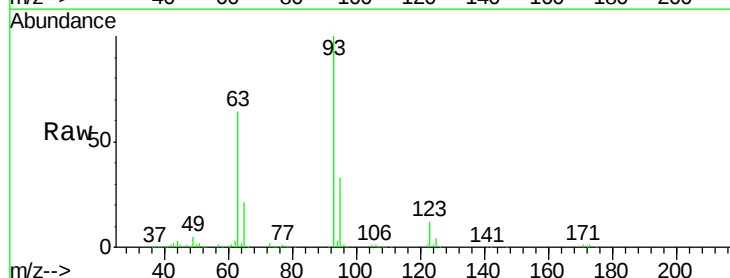
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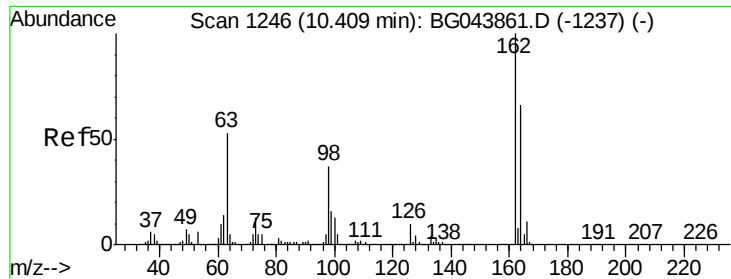
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#28
bis(2-Chloroethoxy)methane
Concen: 41.972 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	394393		
95	33.2	27.2	40.8	
123	11.9	9.7	14.5	





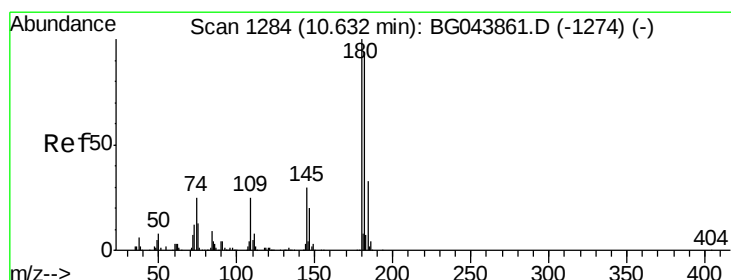
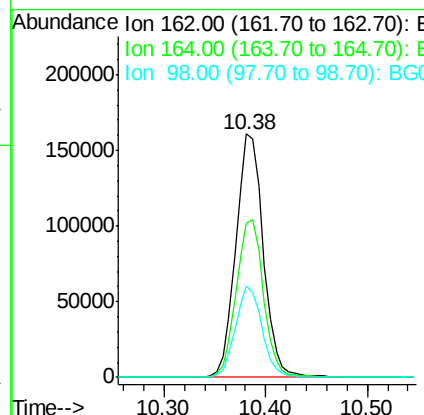
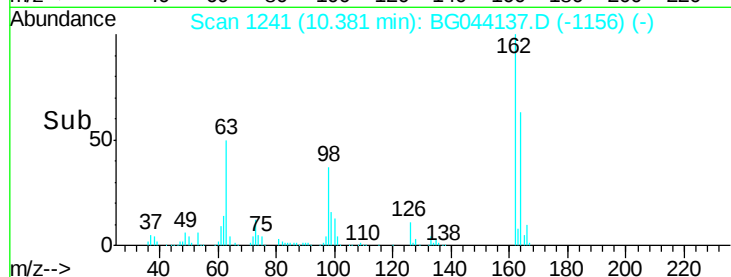
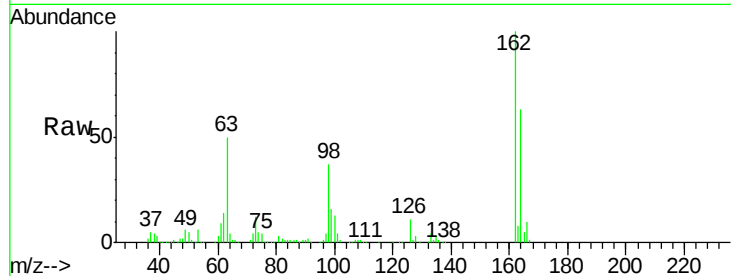
#29
2,4-Dichlorophenol
Concen: 47.787 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.3	46.3	86.3
98	37.5	17.3	57.3

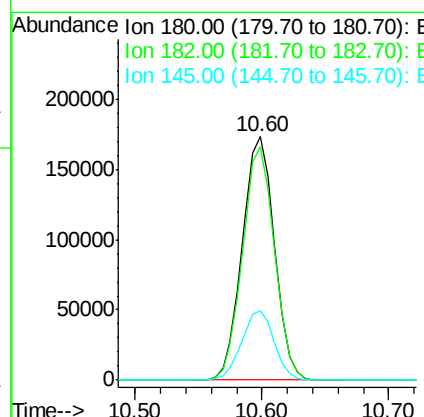
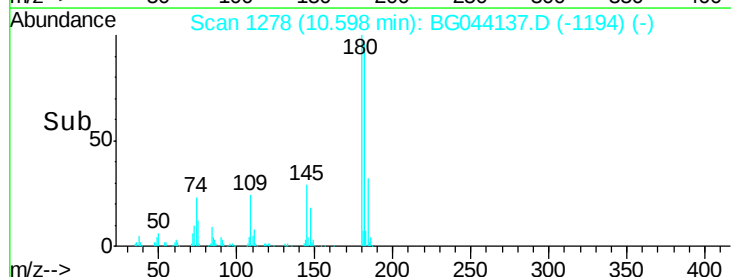
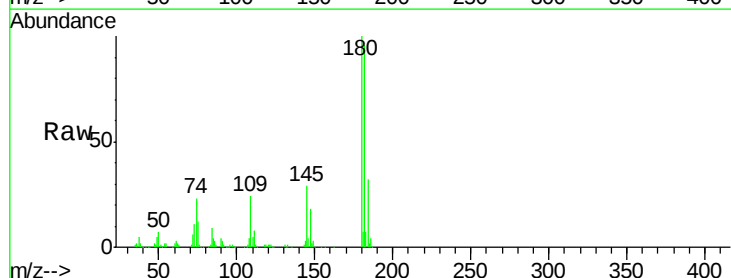
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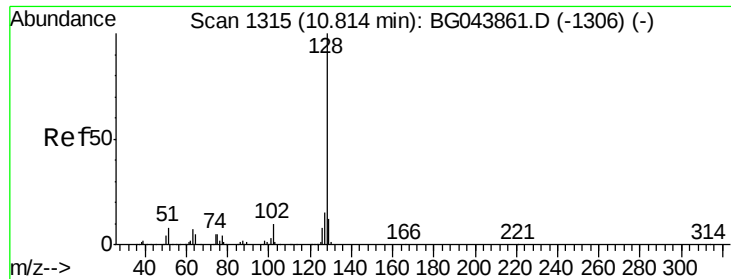
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#30
1,2,4-Trichlorobenzene
Concen: 43.008 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.7	75.0	112.4
145	28.7	24.2	36.4





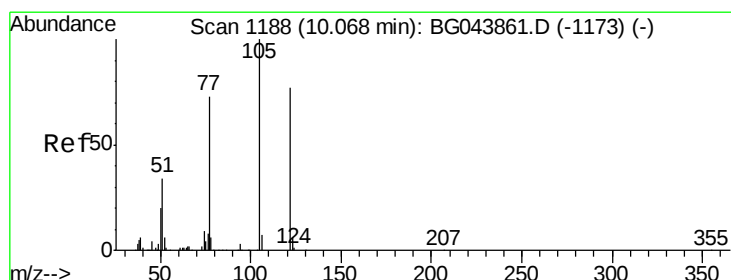
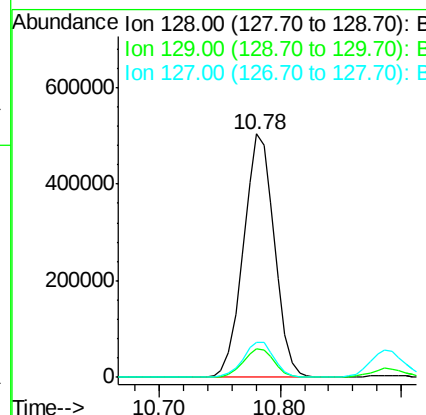
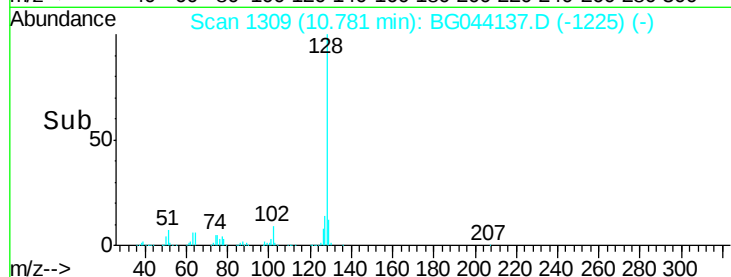
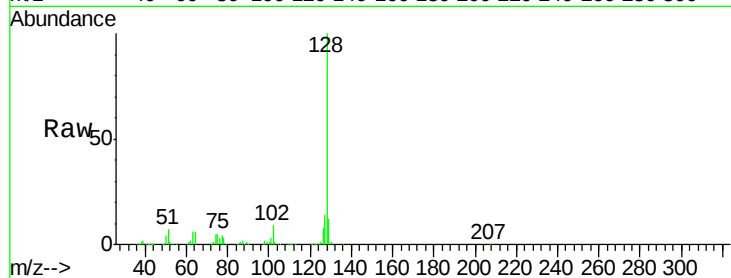
#31
Naphthalene
Concen: 46.153 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	14.2	12.0	18.0

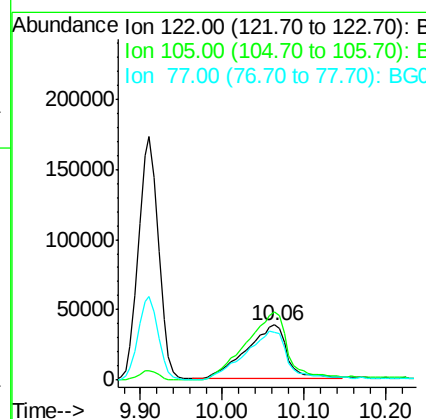
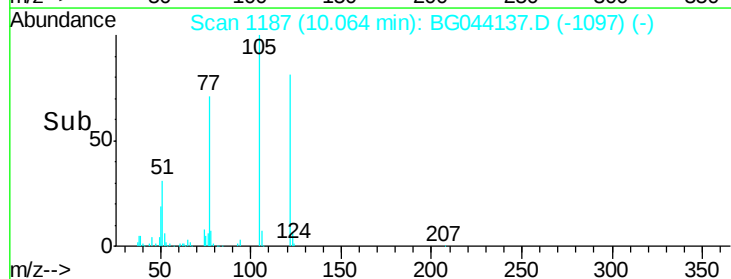
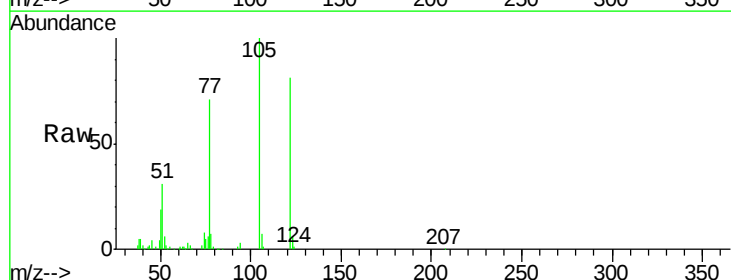
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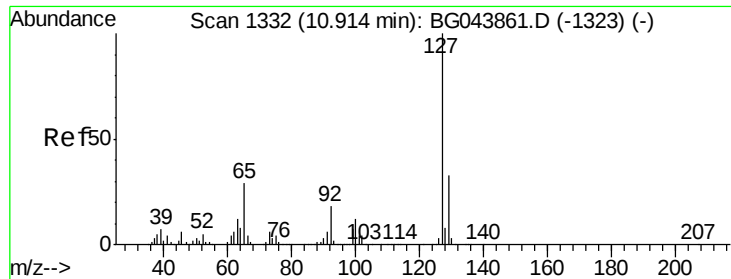
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#32
Benzoic acid
Concen: 33.634 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.8	106.4	146.4
77	87.5	74.6	114.6





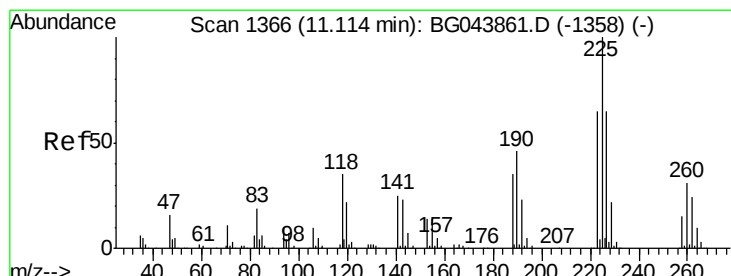
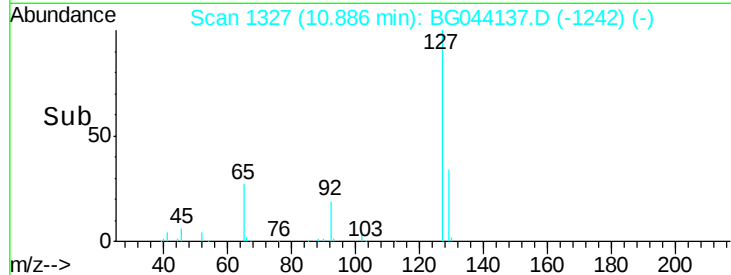
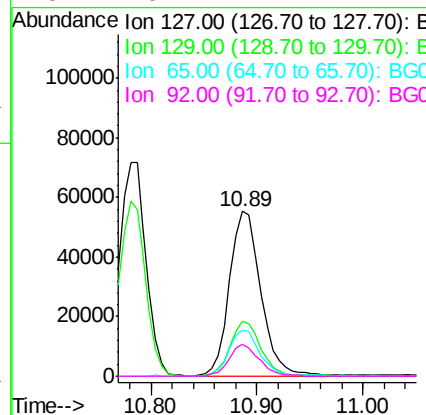
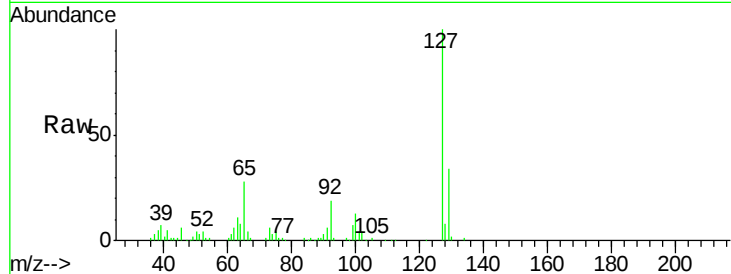
#33
4-Chloroaniline
Concen: 12.203 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.5	26.6	40.0		
65	28.2	23.3	34.9		
92	19.1	14.7	22.1		

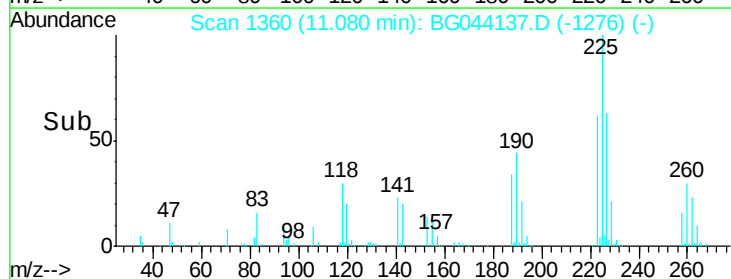
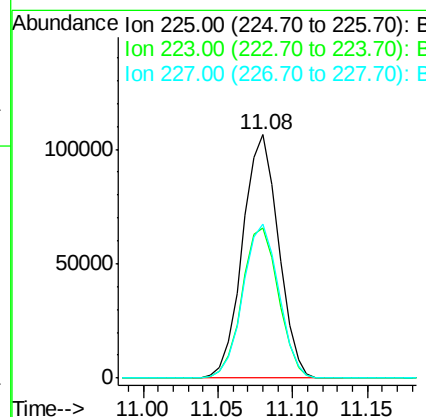
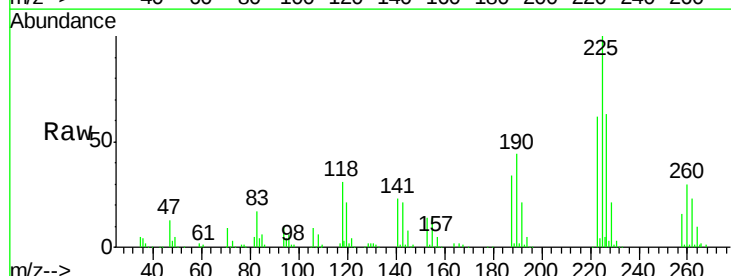
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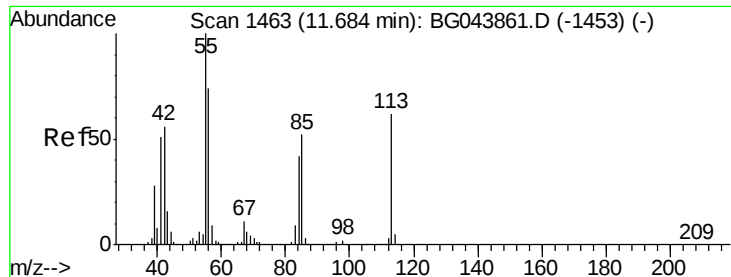
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#34
Hexachlorobutadiene
Concen: 40.898 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	52.2	78.4		
227	63.4	52.1	78.1		





#35

Caprolactam

Concen: 45.936 ng/mL

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA_G

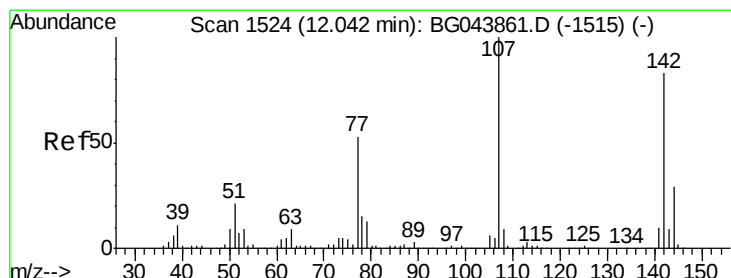
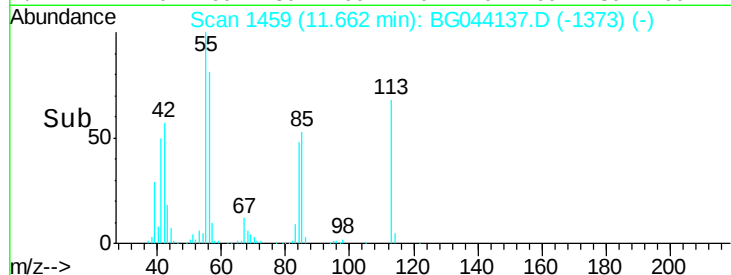
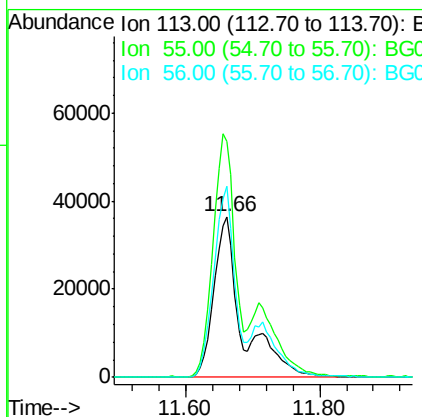
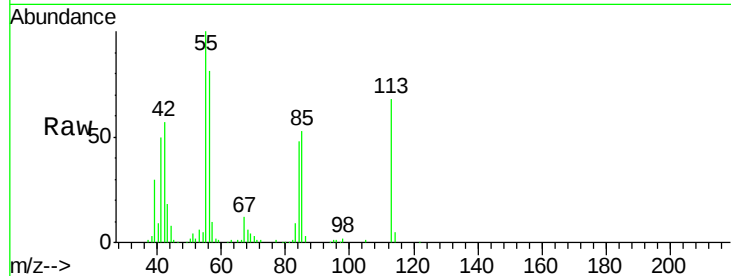
ClientSampleId :

B1-15-30MS

Tot Ion:	113	Resp:	108091
Ion Ratio	Lower	Upper	
113	100		
55	146.1	142.5	182.5
56	118.5	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 47.004 ng/mL

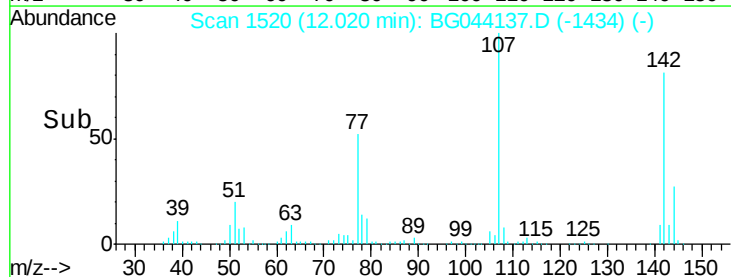
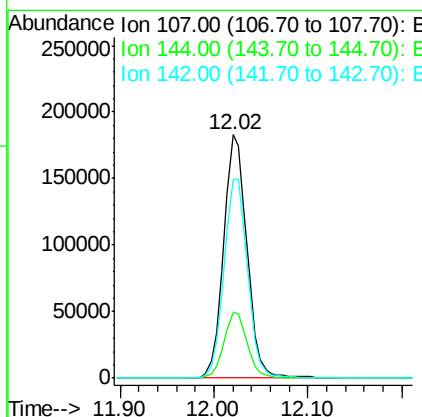
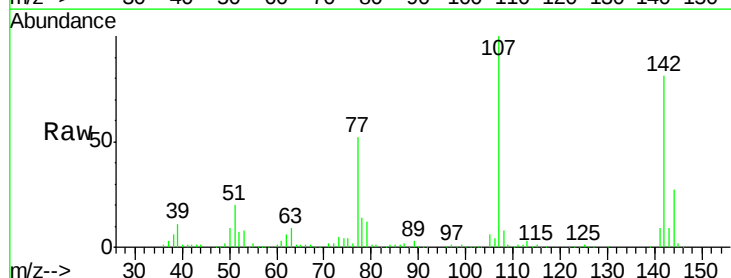
RT: 12.02 min Scan# 1520

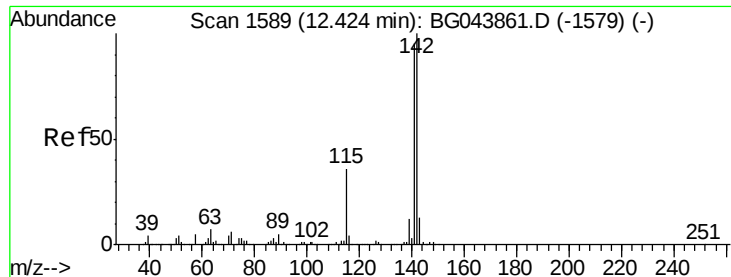
Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Tgt Ion:	107	Resp:	316292
Ion Ratio	Lower	Upper	
107	100		
144	27.2	23.4	35.2
142	81.4	66.3	99.5





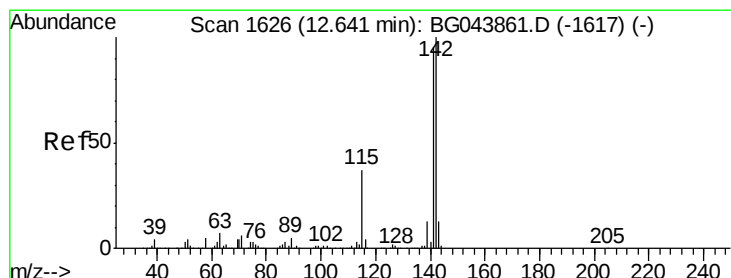
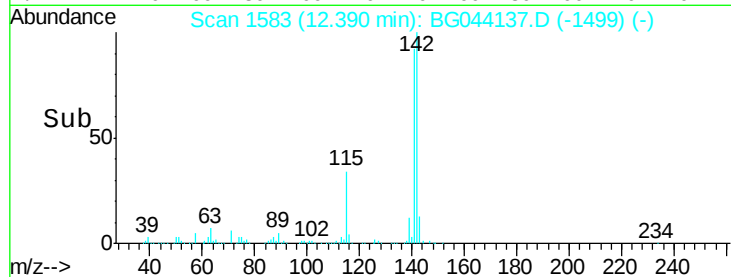
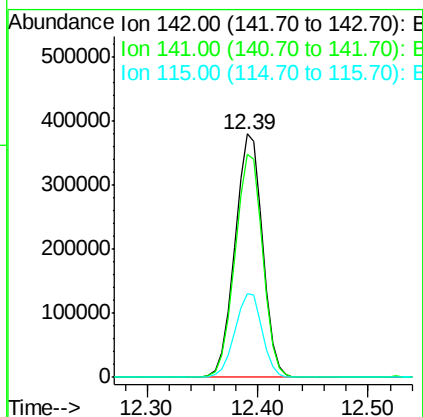
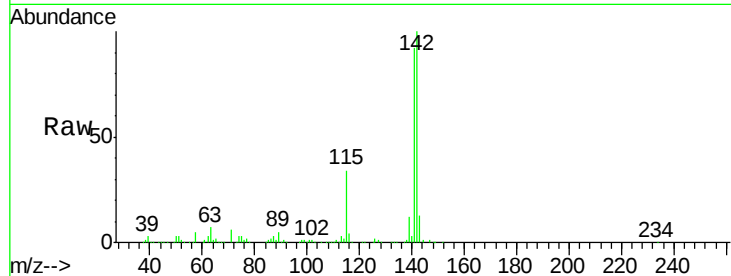
#37
2-Methylnaphthalene
Concen: 45.416 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	75.8	113.8
115	34.4	28.6	42.8

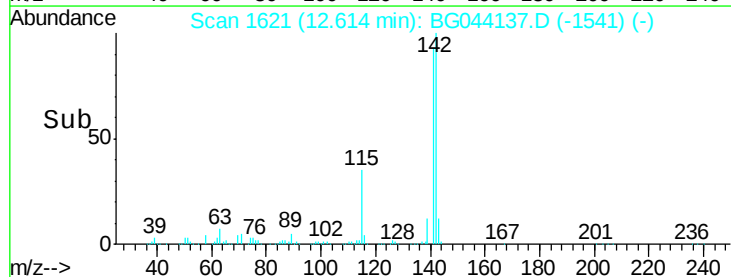
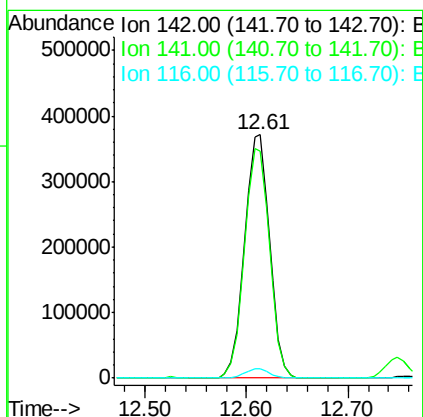
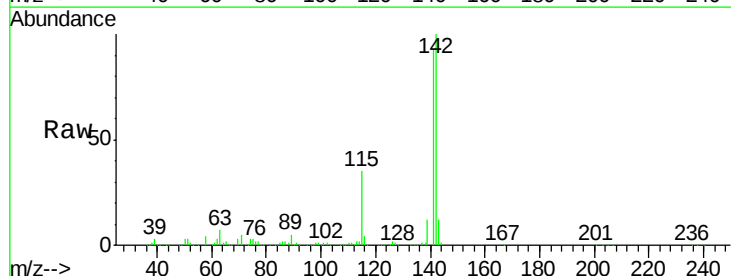
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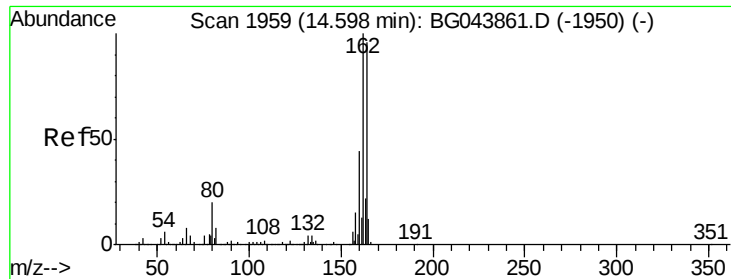
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#38
1-Methylnaphthalene
Concen: 45.779 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	76.0	114.0
116	3.6	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: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA_G

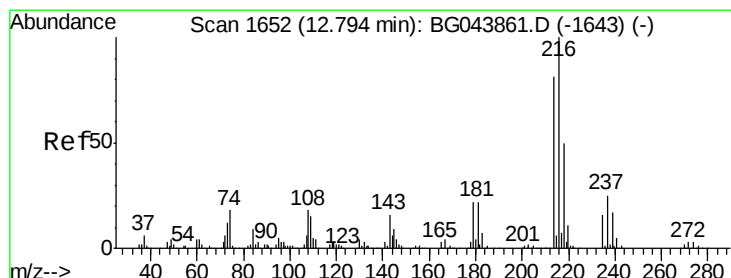
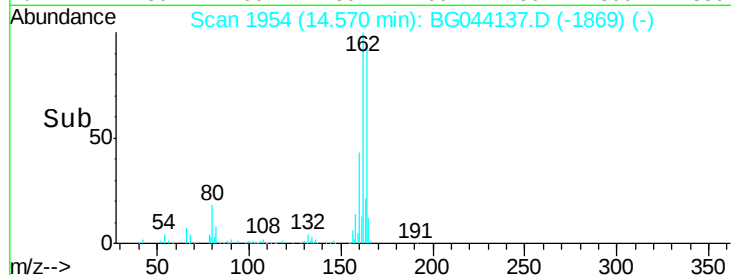
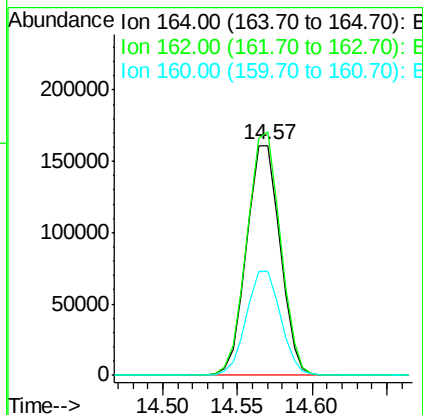
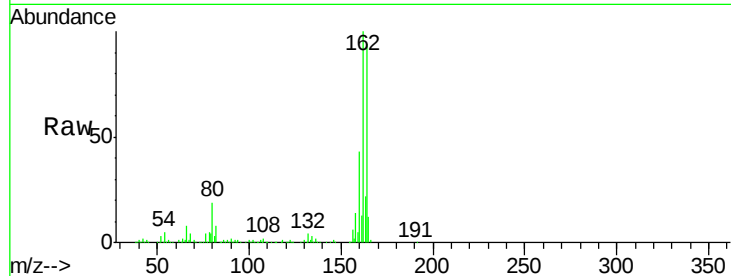
ClientSampleId :

B1-15-30MS

Tot Ion:	164	Resp:	250901
Ion Ratio	Lower	Upper	
164	100		
162	105.8	83.0	124.4
160	45.1	36.1	54.1

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.044 ng

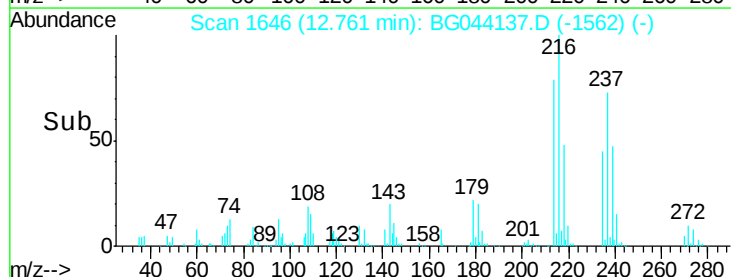
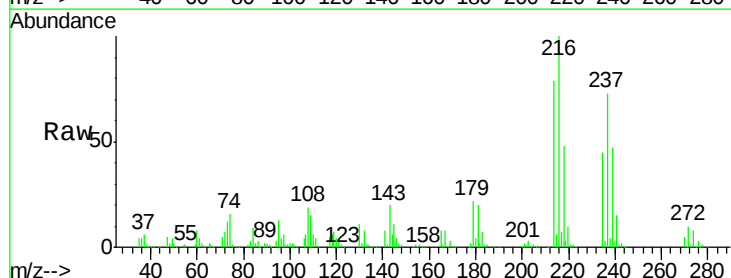
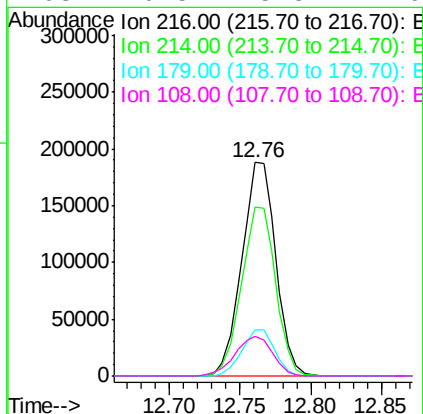
RT: 12.76 min Scan# 1646

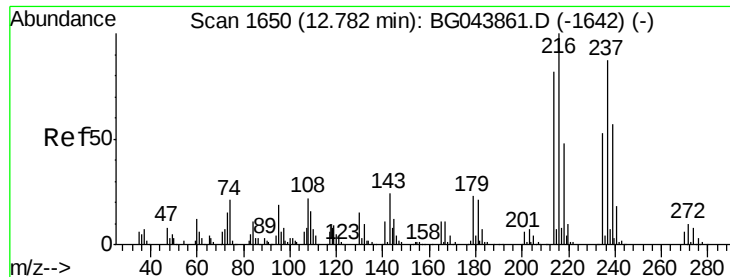
Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Tgt Ion:	216	Resp:	316543
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.8	95.8
179	21.0	17.3	25.9
108	20.5	15.3	22.9





#41

Hexachlorocyclopentadiene

Concen: 105.519 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA_G

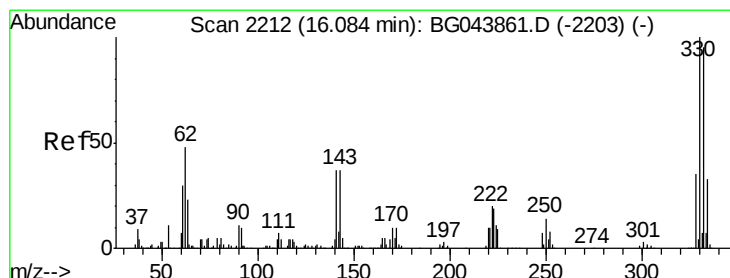
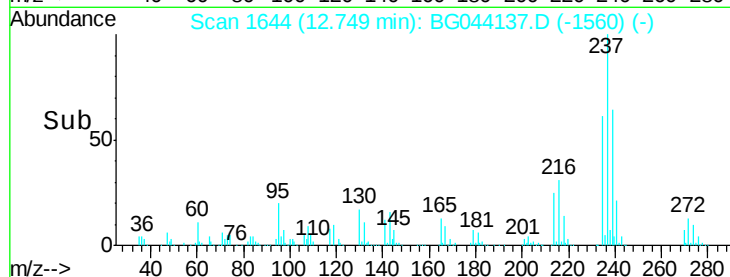
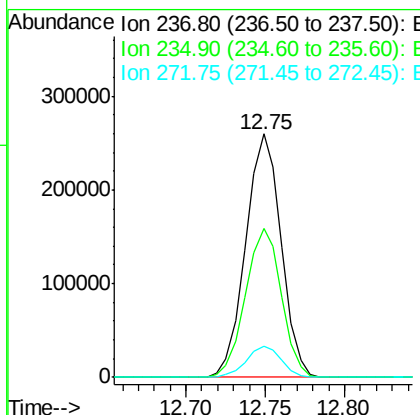
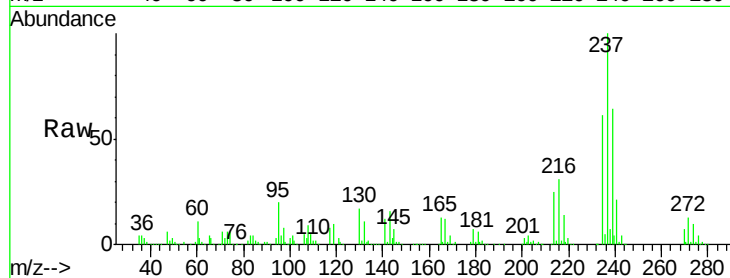
ClientSampleId :

B1-15-30MS

Tot Ion:	237	Resp:	402296
Ion Ratio		Lower	Upper
237	100		
235	61.1	41.1	81.1
272	12.9	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 145.847 ng

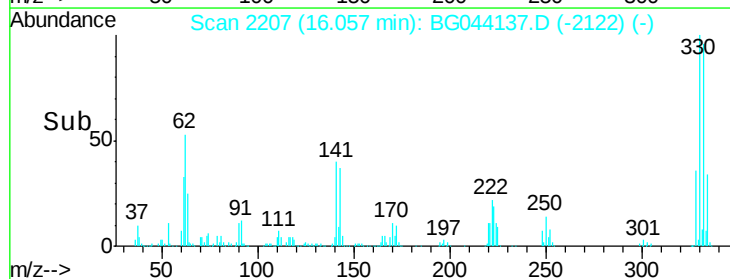
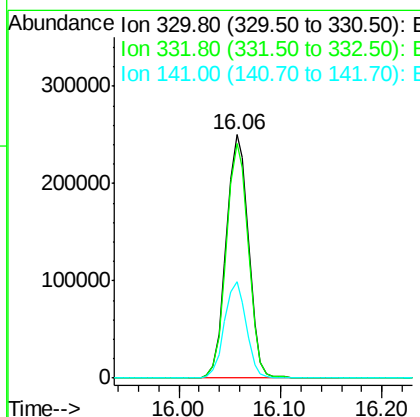
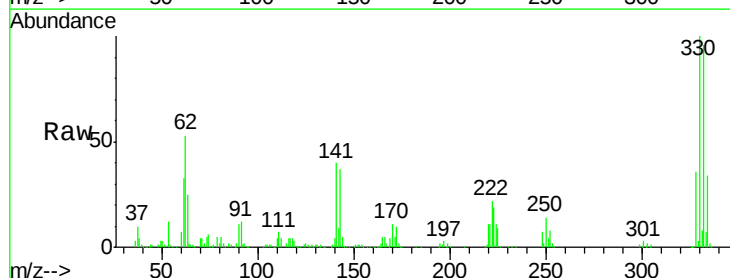
RT: 16.06 min Scan# 2207

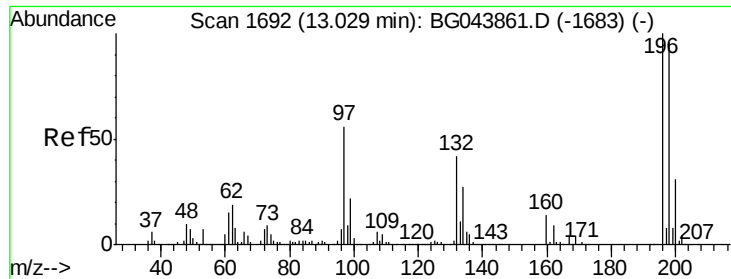
Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Tgt Ion:	330	Resp:	382940
Ion Ratio		Lower	Upper
330	100		
332	95.8	77.2	115.8
141	39.0	33.1	49.7





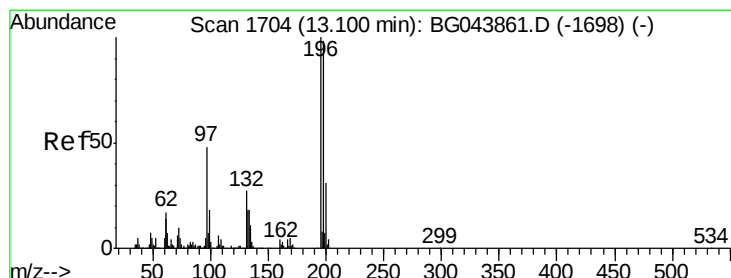
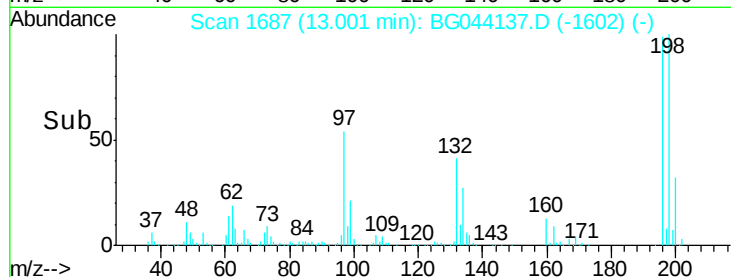
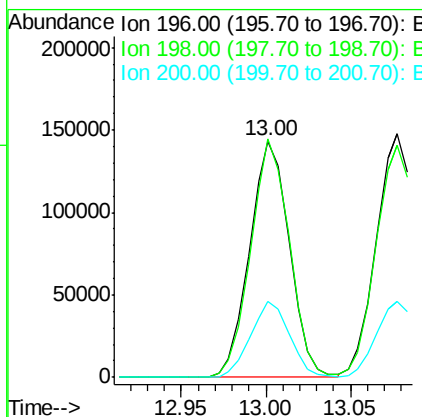
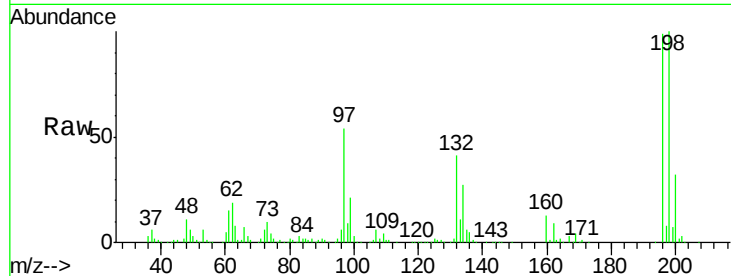
#43
 2,4,6-Trichlorophenol
 Concen: 46.345 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044137.D
 Acq: 21 Jan 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 B1-15-30MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	234512		
198	100.8	76.6	115.0	
200	32.2	24.6	37.0	

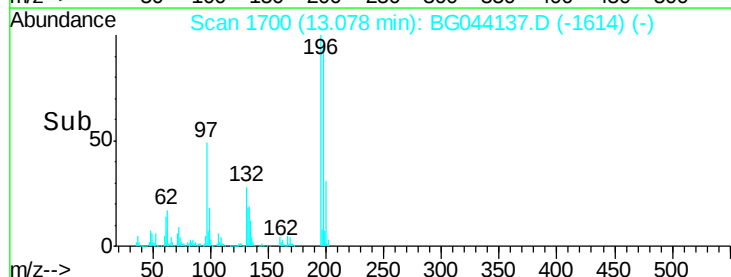
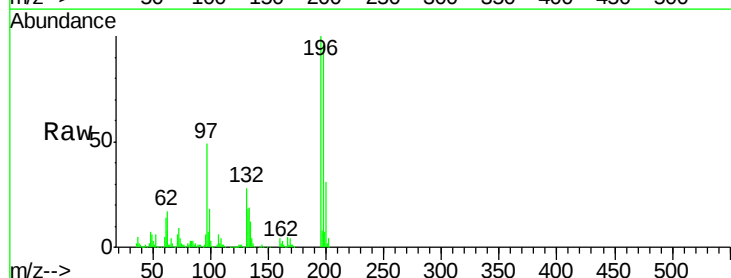
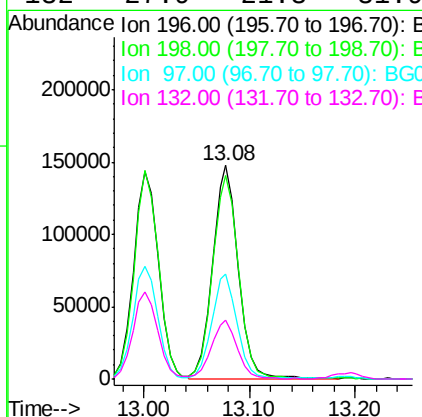
Manual Integrations
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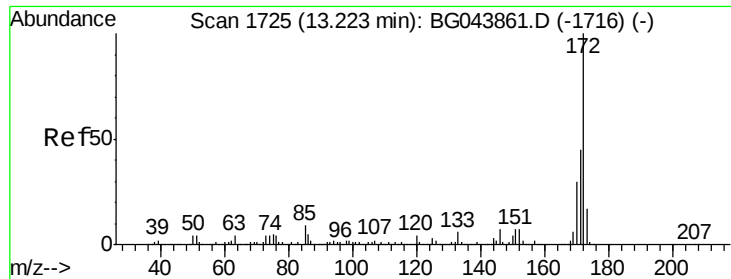
mohammad
 1/23/2020 7:58:19 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.745 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044137.D
 Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	249176		
198	95.6	78.3	117.5	
97	49.2	38.8	58.2	
132	27.9	21.3	31.9	





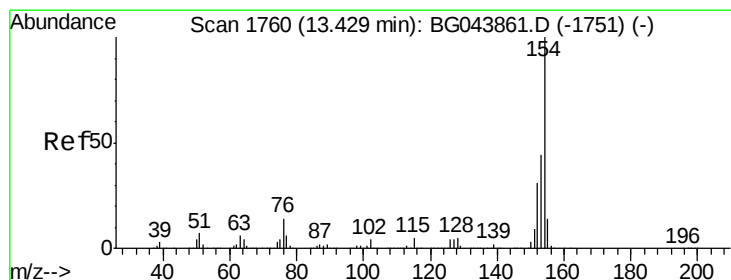
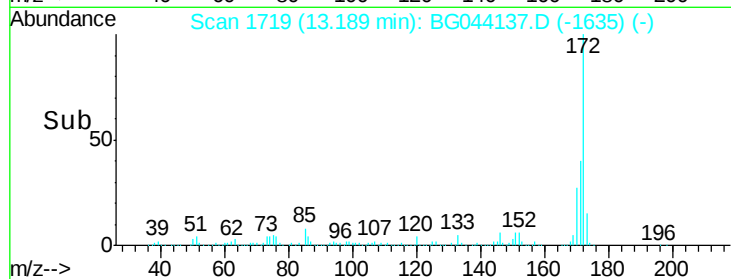
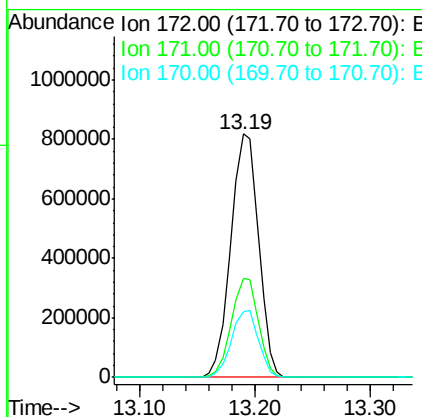
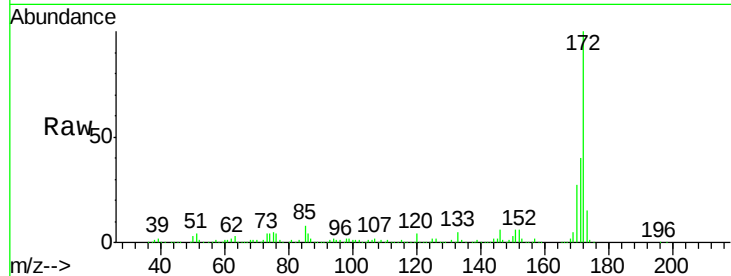
#45
2-Fluorobiphenyl
Concen: 98.255 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.5	35.8	53.8
170	27.1	24.2	36.4

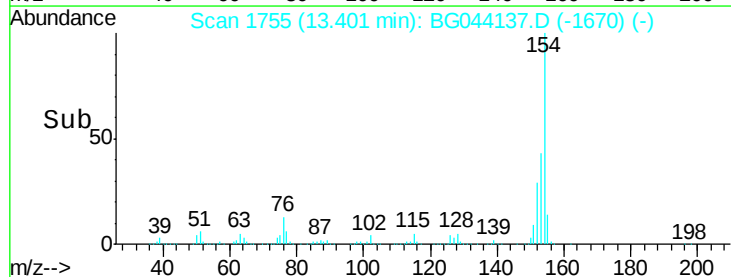
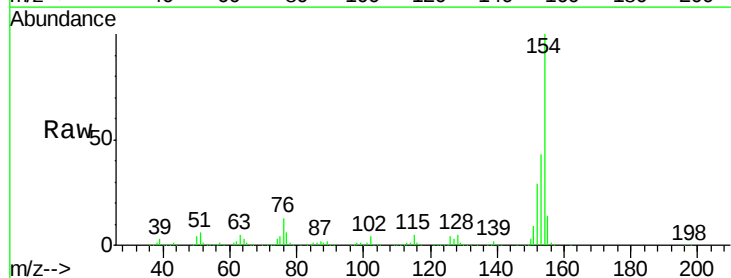
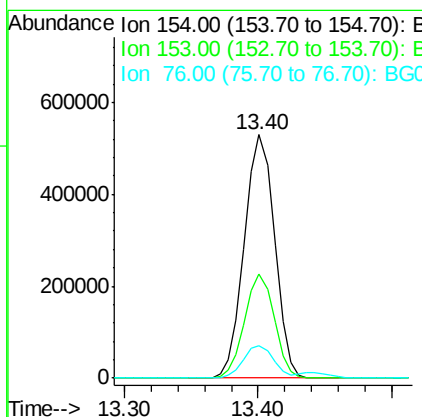
Manual Integrations
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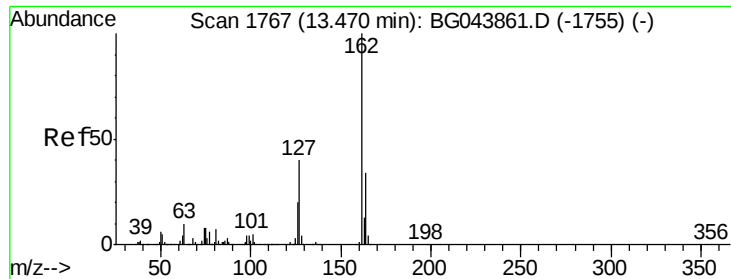
mohammad
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#46
1,1'-Biphenyl
Concen: 46.193 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	23.6	63.6
76	13.3	0.0	34.4





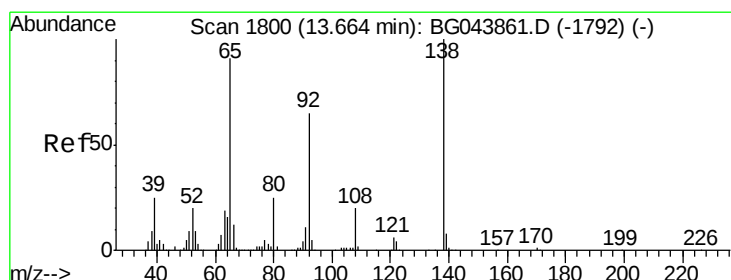
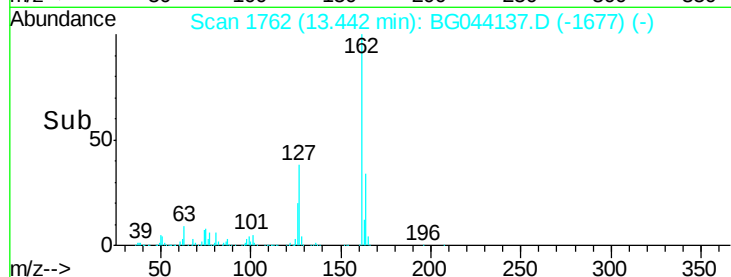
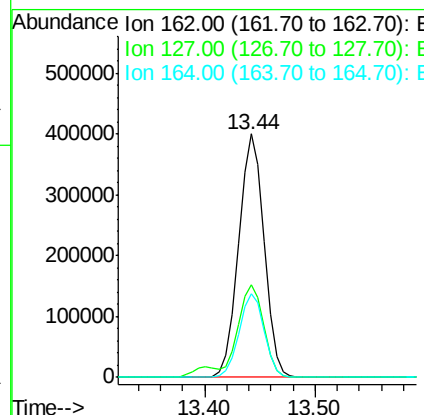
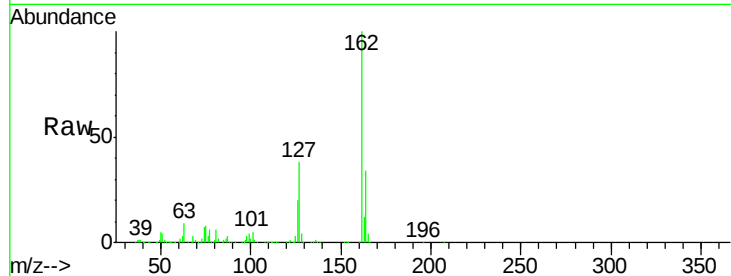
#47
2-Chloronaphthalene
Concen: 44.506 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.2	32.1	48.1
164	34.3	27.5	41.3

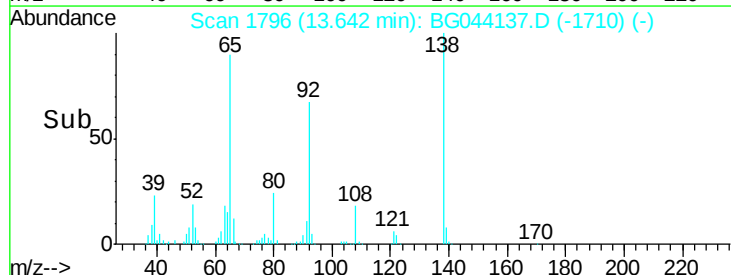
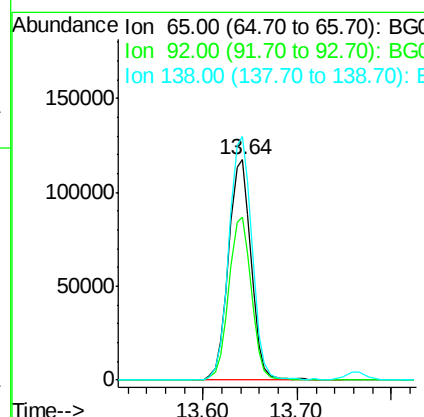
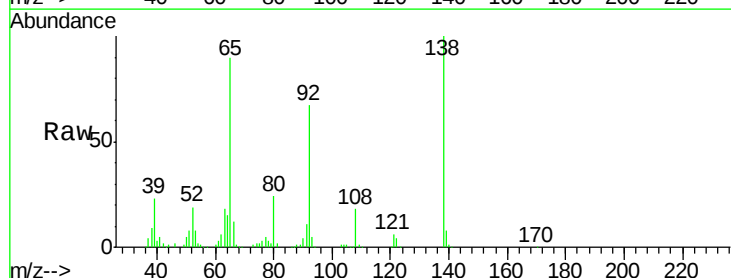
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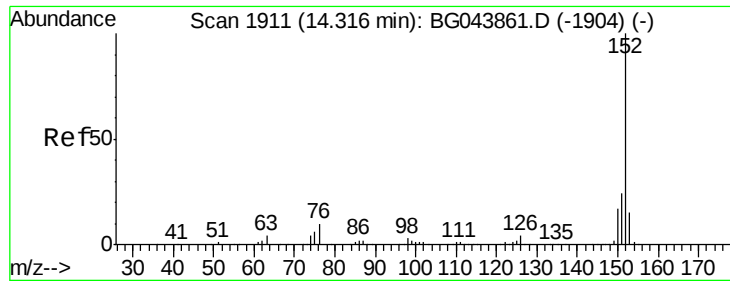
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#48
2-Nitroaniline
Concen: 42.287 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.02 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	73.9	57.4	86.2
138	110.6	88.2	132.4





#49

Acenaphthylene

Concen: 48.875 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA_G

ClientSampleId :

B1-15-30MS

Tot Ion:152 Resp: 1021152

Ion Ratio Lower Upper

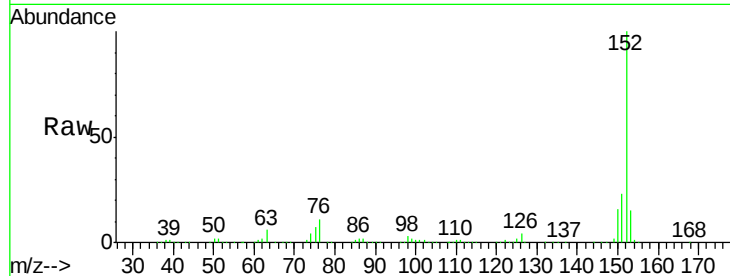
152 100

151 23.2 19.4 29.2

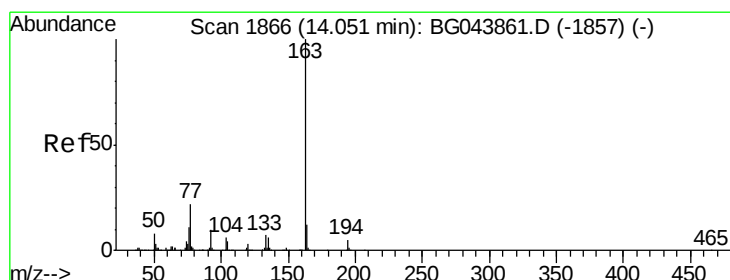
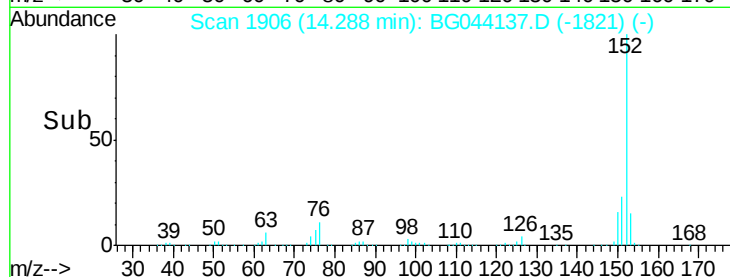
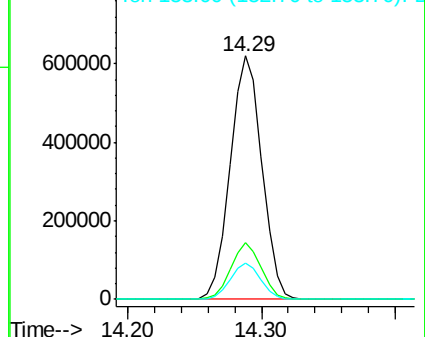
153 14.8 12.0 18.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.421 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

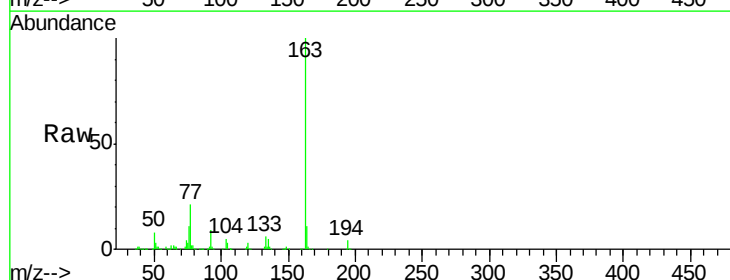
Tgt Ion:163 Resp: 898244

Ion Ratio Lower Upper

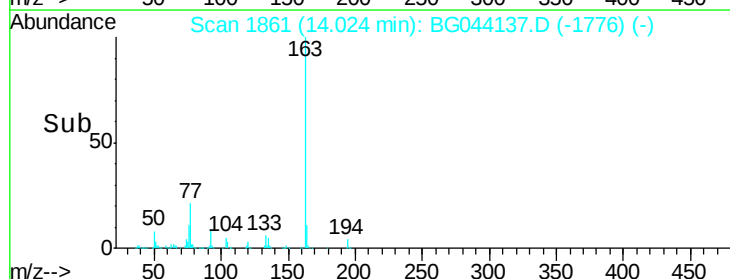
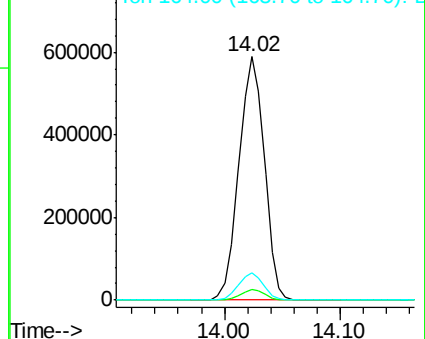
163 100

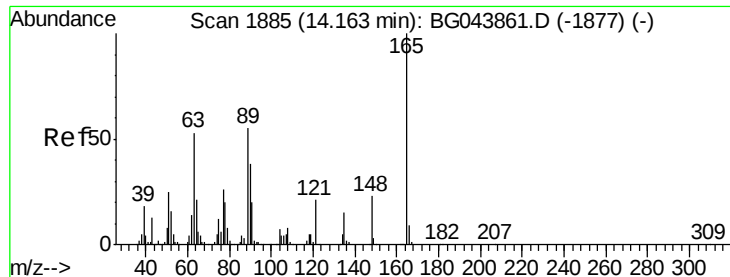
194 4.2 3.7 5.5

164 11.2 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





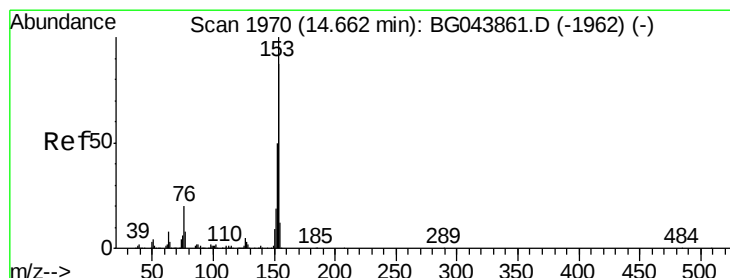
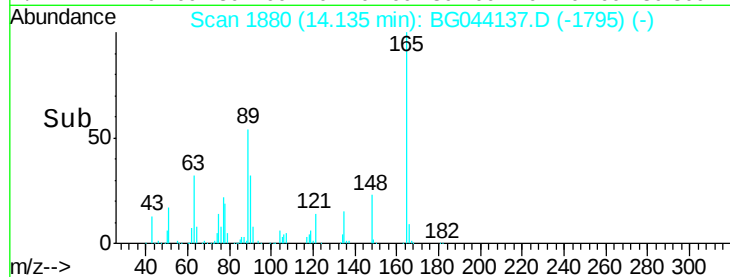
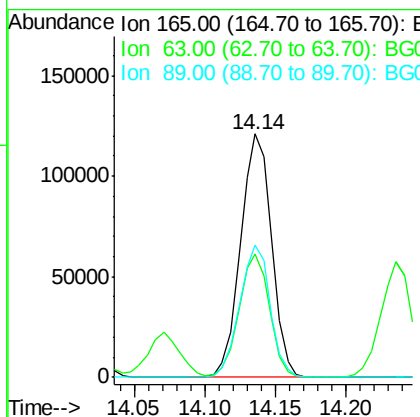
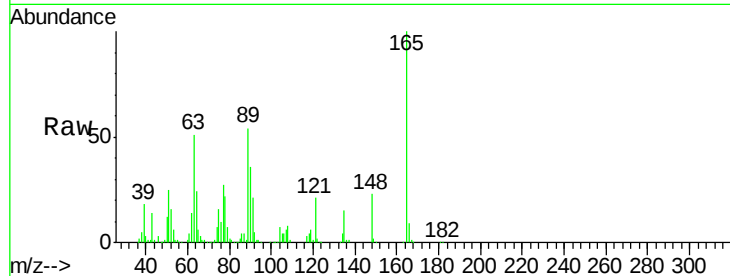
#51
2,6-Dinitrotoluene
Concen: 45.941 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	184984		
63	50.6		43.1	64.7
89	54.4		43.8	65.6

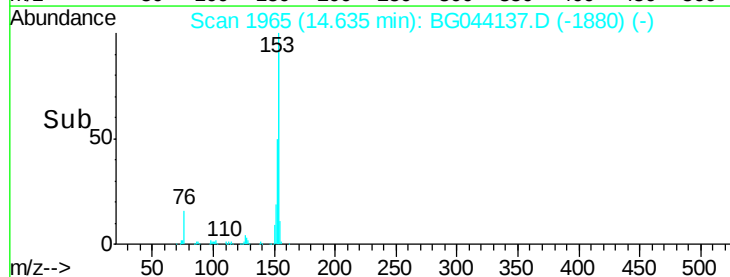
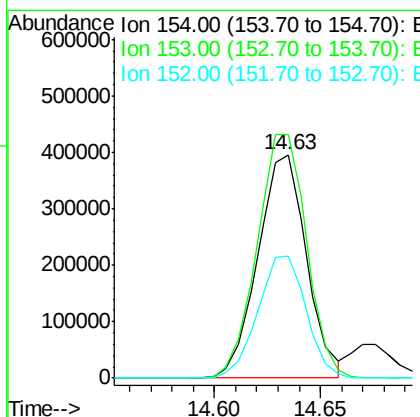
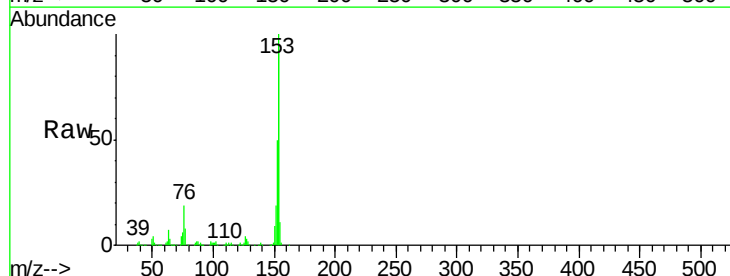
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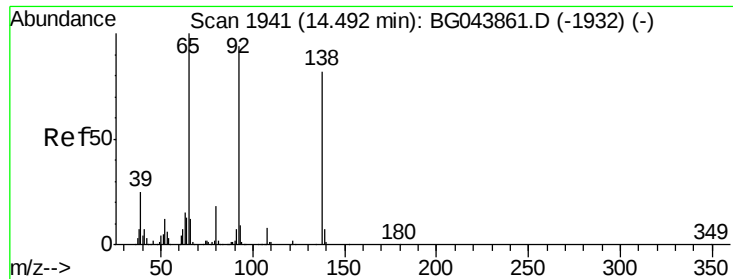
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#52
Acenaphthene
Concen: 43.293 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	634327		
153	108.9		91.6	137.4
152	54.9		45.4	68.0





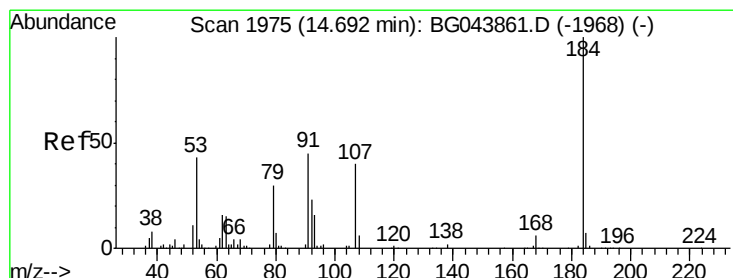
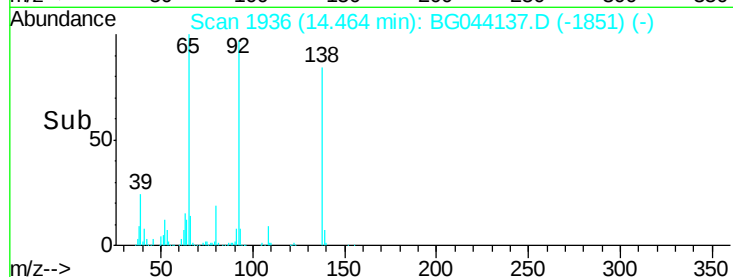
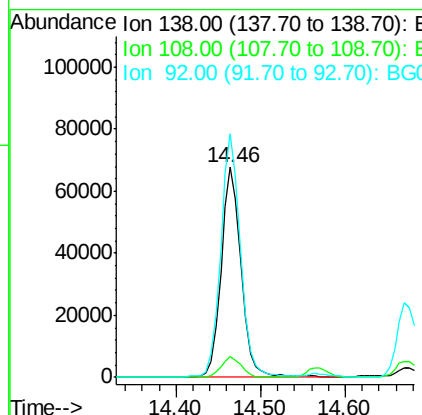
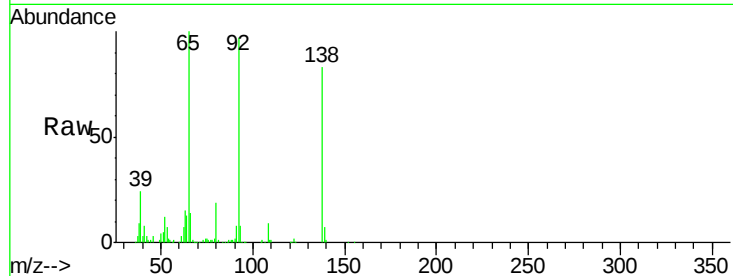
#53
3-Nitroaniline
Concen: 24.421 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampled :
B1-15-30MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.4	11.2
92	116.0	92.1	138.1

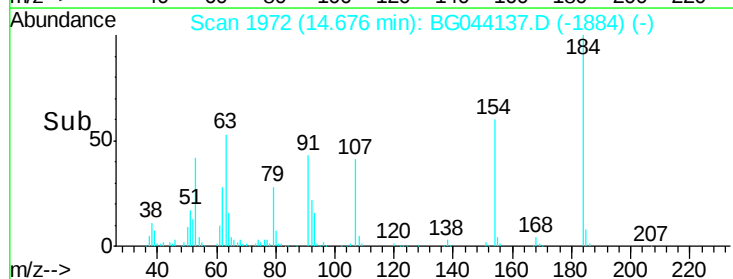
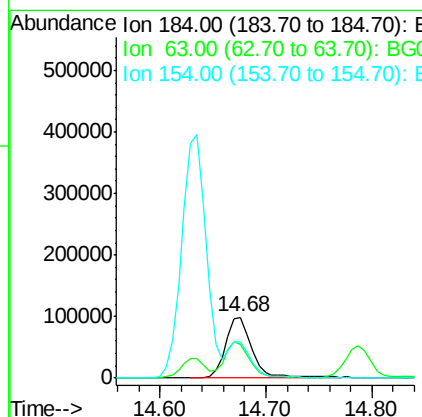
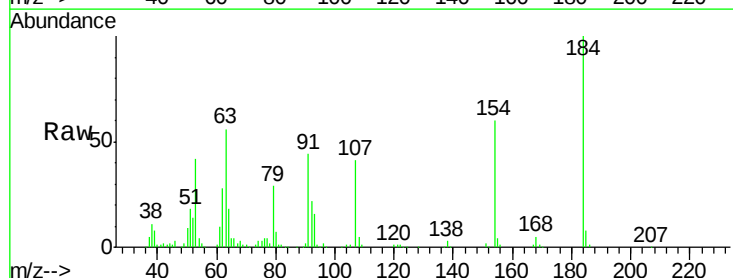
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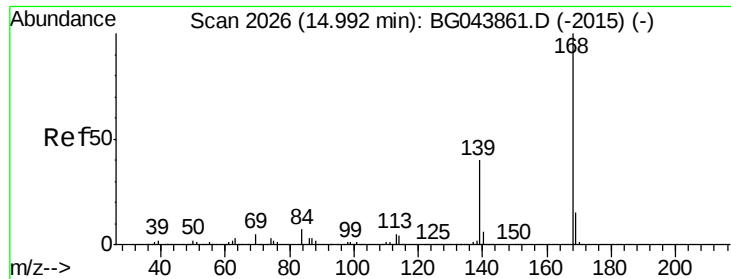
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#54
2,4-Dinitrophenol
Concen: 84.046 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.7	46.6	70.0
154	60.3	50.2	75.4





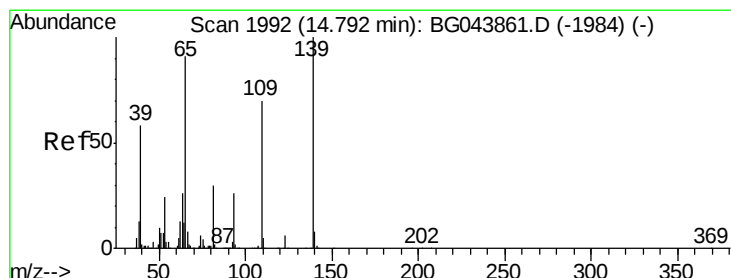
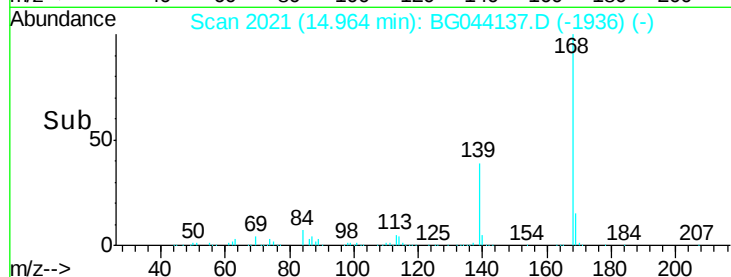
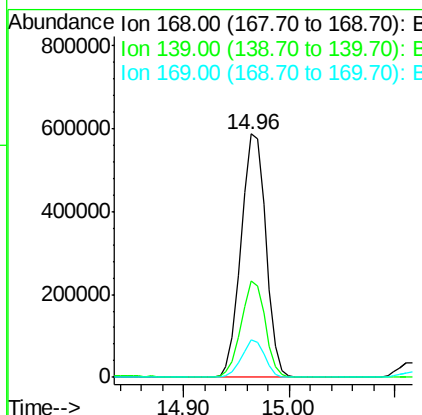
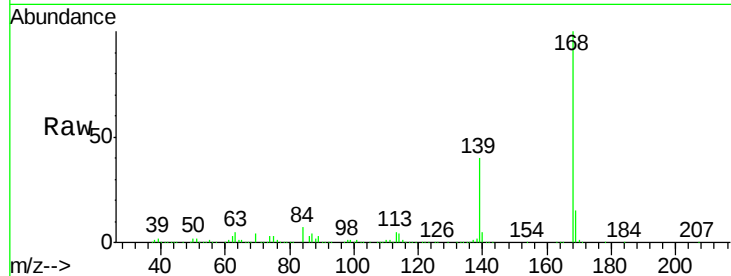
#55
Dibenzenofuran
Concen: 47.415 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	956383		
139	39.7		32.2	48.2
169	15.2		12.2	18.2

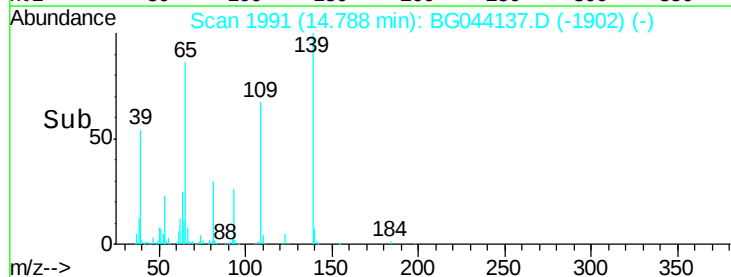
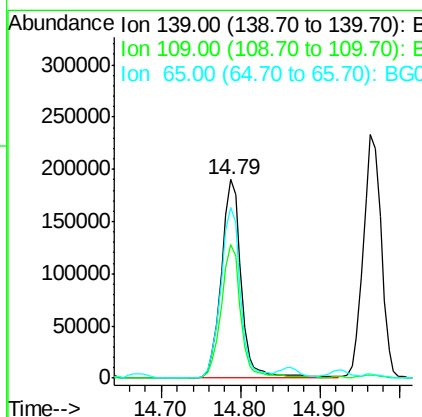
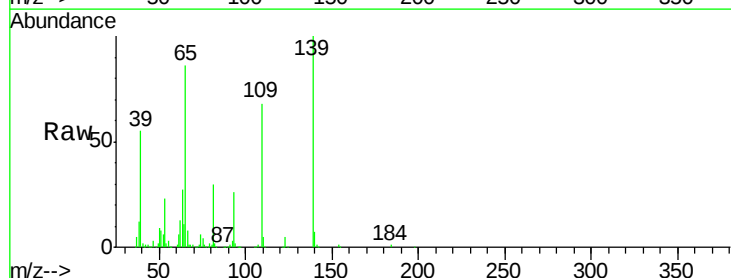
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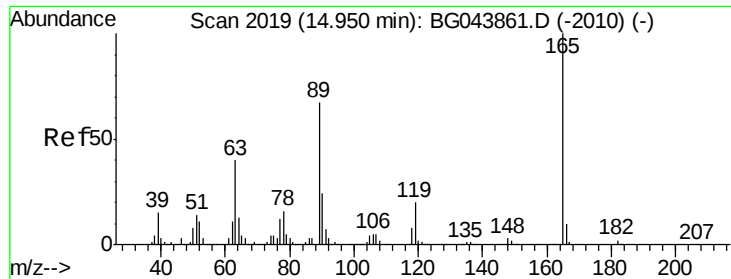
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#56
4-Nitrophenol
Concen: 95.116 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	333282		
109	67.6		50.4	90.4
65	86.1		71.4	111.4





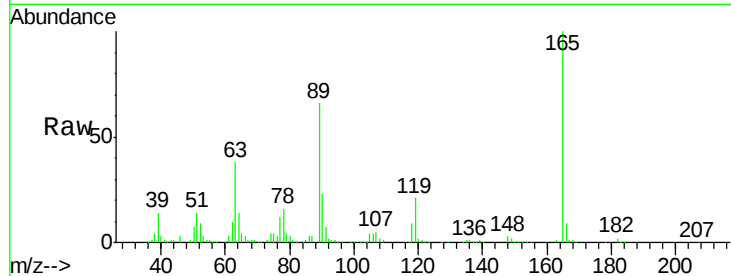
#57
2,4-Dinitrotoluene
Concen: 47.019 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampled :
B1-15-30MS

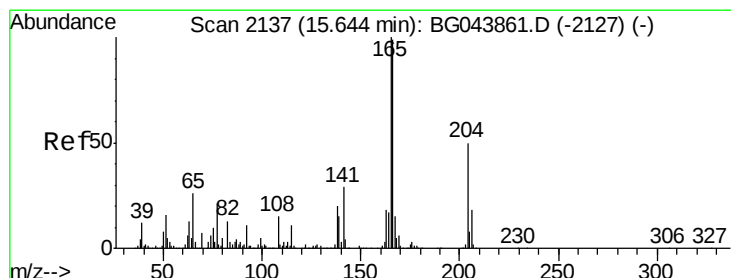
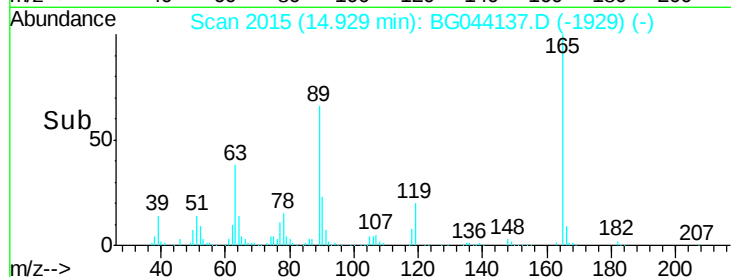
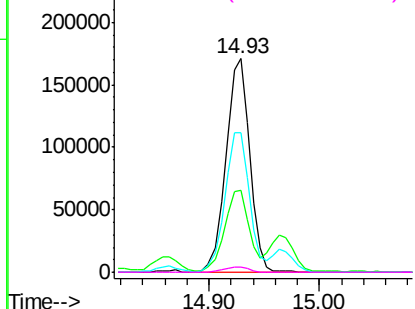
Tot Ion	Ratio	Resp	Lower	Upper
165	100	257616		
63	38.1		31.9	47.9
89	65.6		53.8	80.6
182	2.5		2.0	3.0

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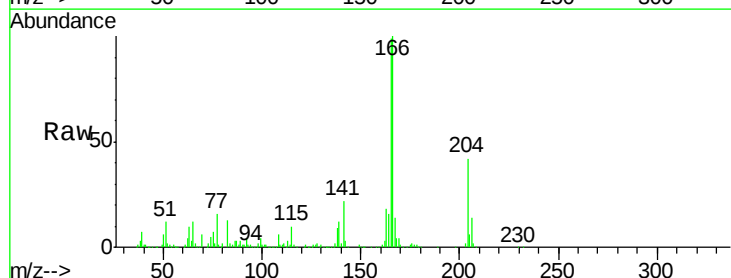


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

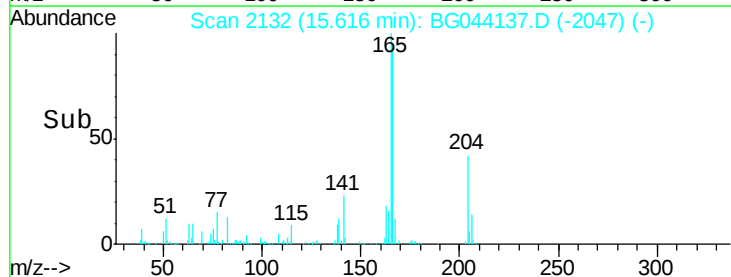
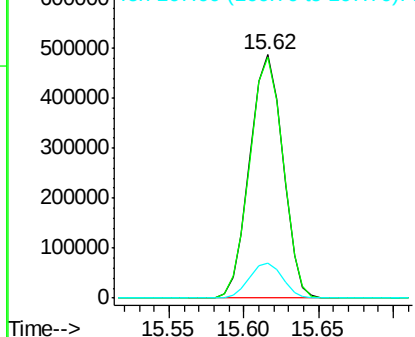


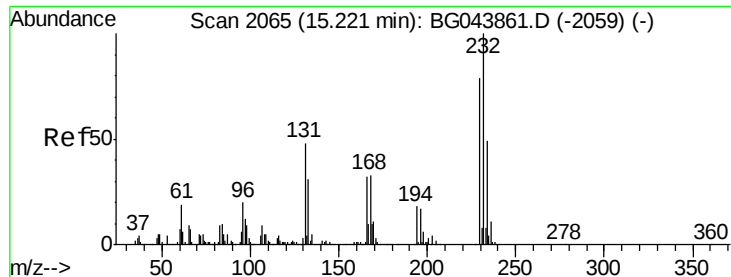
#58
Fluorene
Concen: 46.872 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	749347		
165	99.2		80.8	121.2
167	14.1		12.1	18.1



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





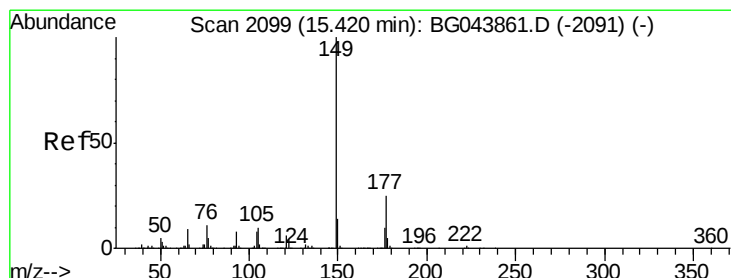
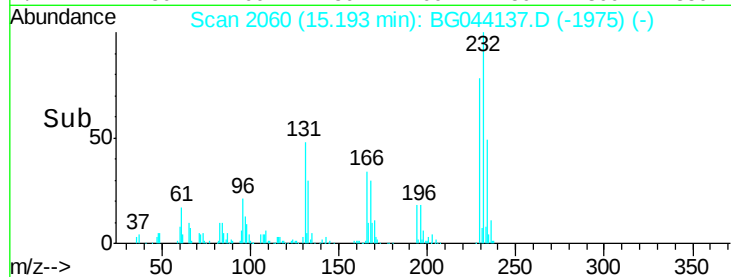
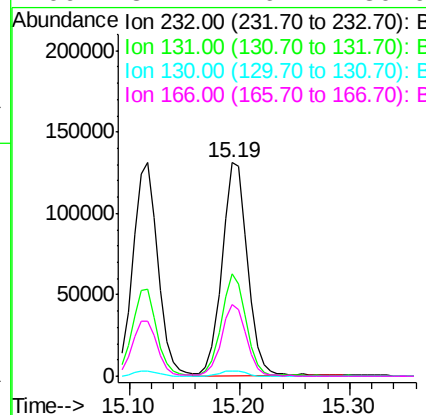
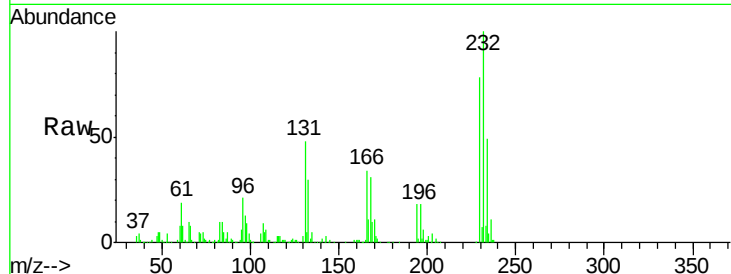
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.594 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	209099		
131	46.5		38.2	57.2
130	2.5		2.2	3.2
166	32.7		26.4	39.6

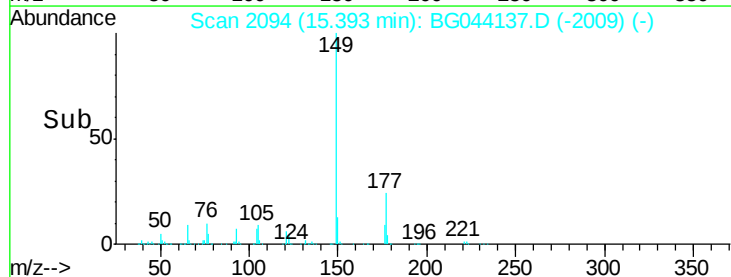
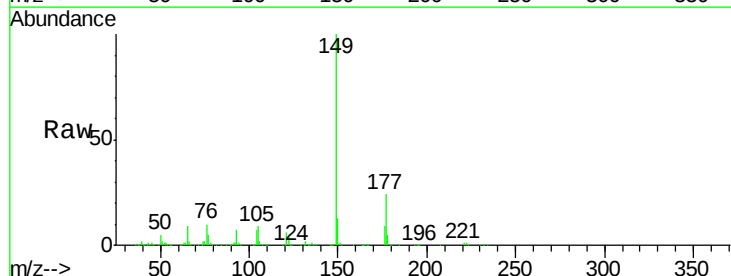
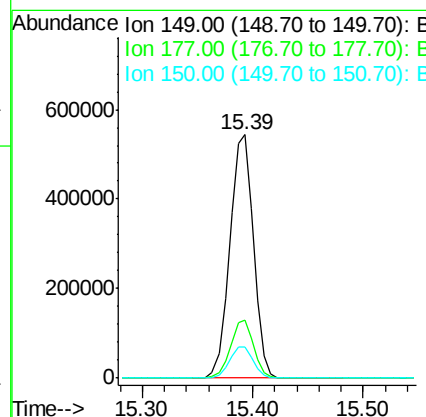
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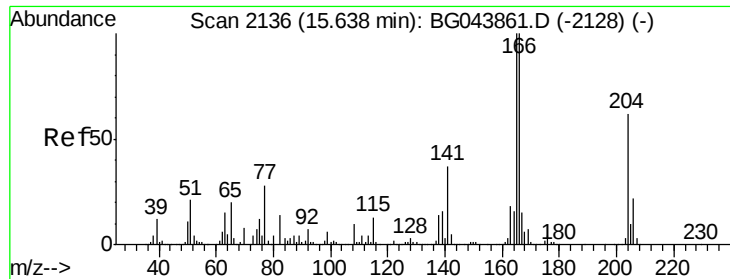
mohammad
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#60
Diethylphthalate
Concen: 45.559 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	811785		
177	23.7		20.0	30.0
150	12.9		11.1	16.7





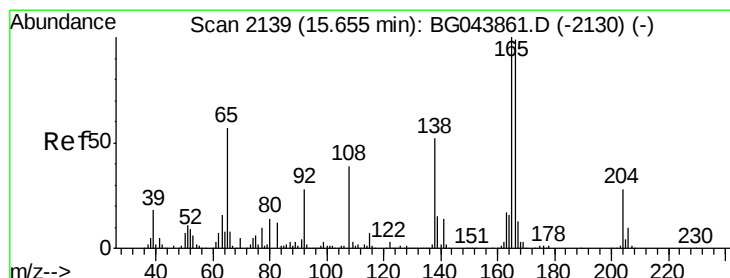
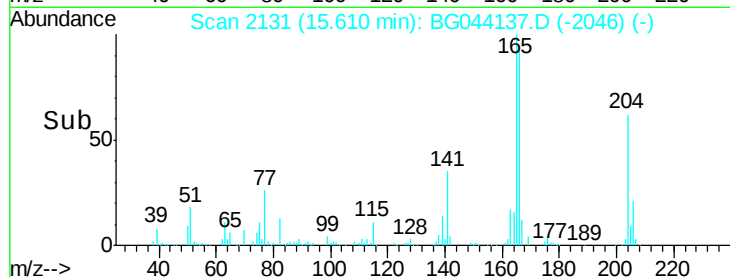
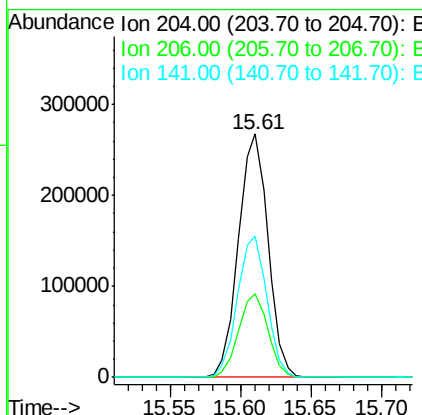
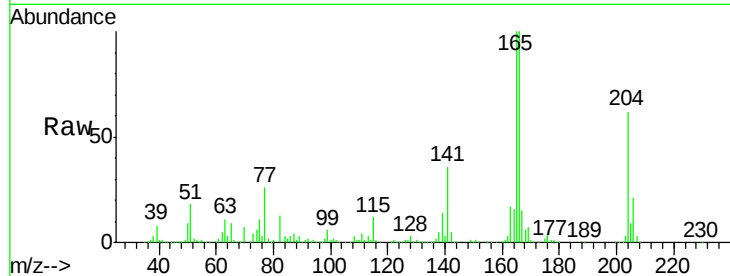
#61
4-Chlorophenyl-phenylether
Concen: 45.084 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	391374		
206	34.4	28.2	42.2	
141	58.2	48.2	72.2	

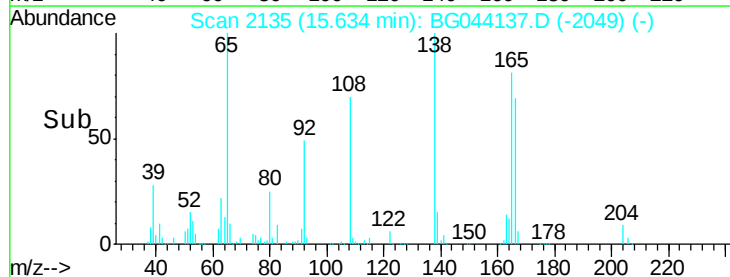
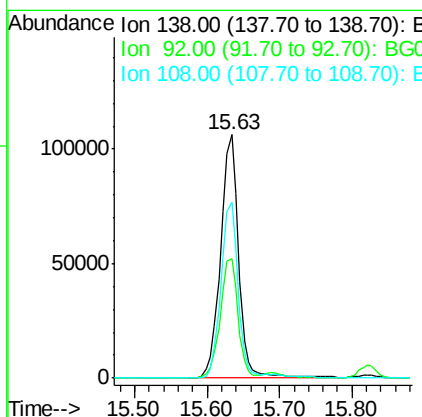
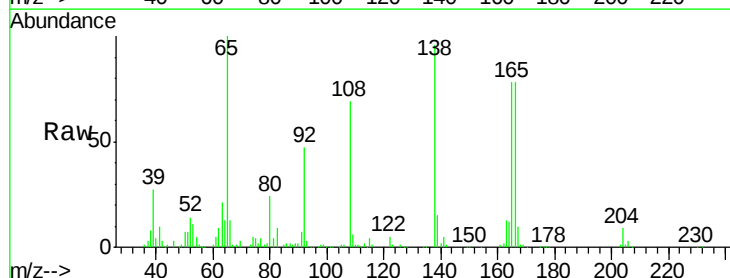
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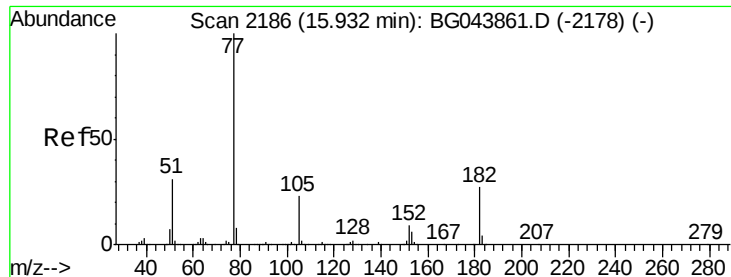
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#62
4-Nitroaniline
Concen: 41.073 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	185462		
92	49.1	34.3	74.3	
108	72.2	55.0	95.0	





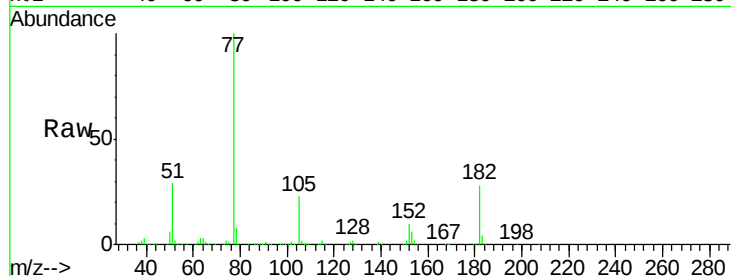
#63
Azobenzene
Concen: 46.069 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

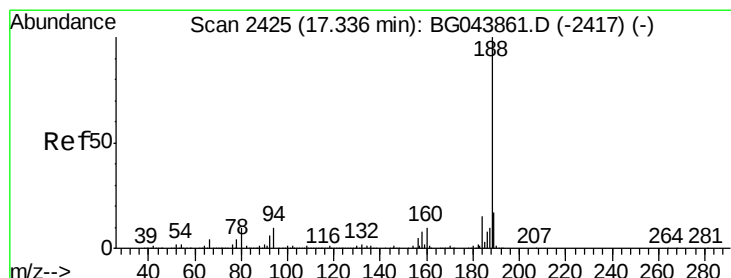
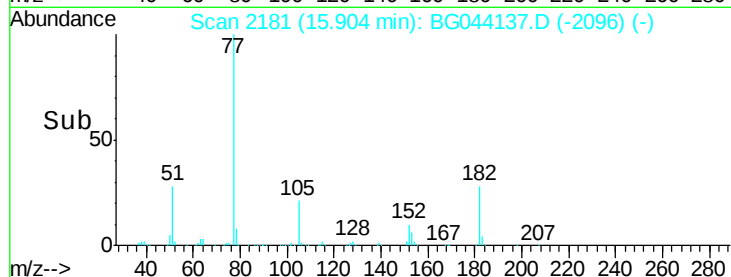
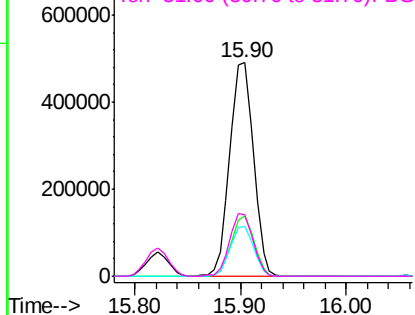
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.9	7.3	47.3
105	23.2	3.2	43.2
51	28.8	10.6	50.6

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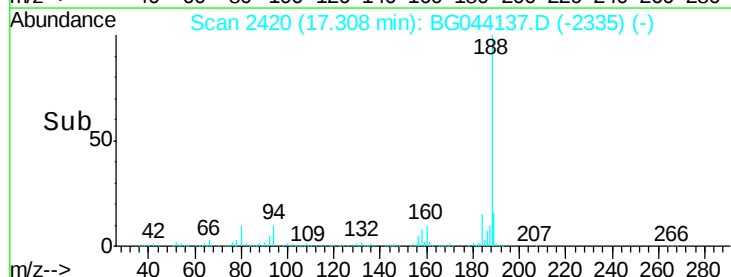
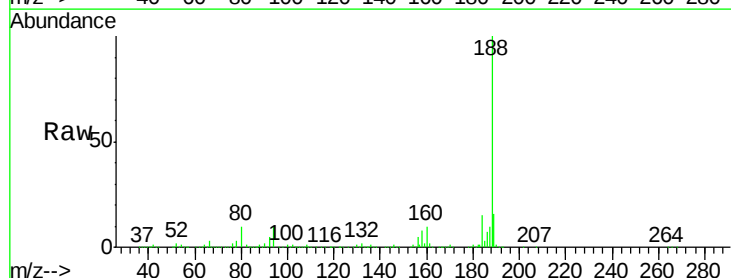
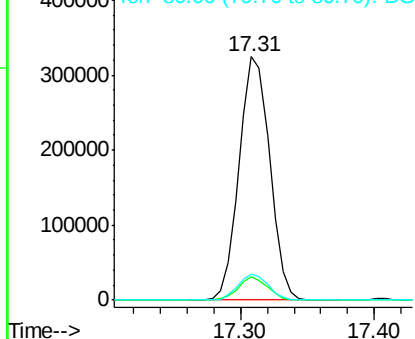
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

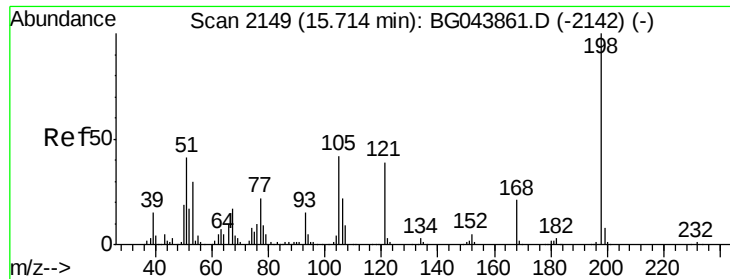


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	10.4	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





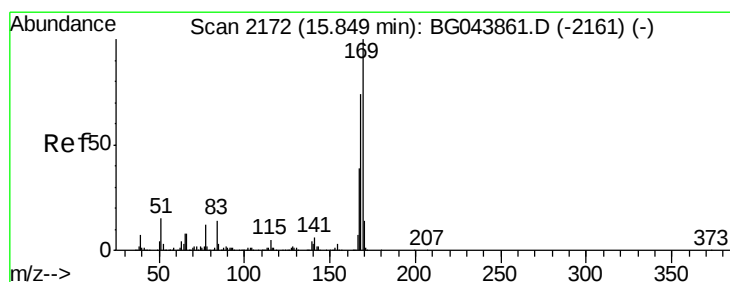
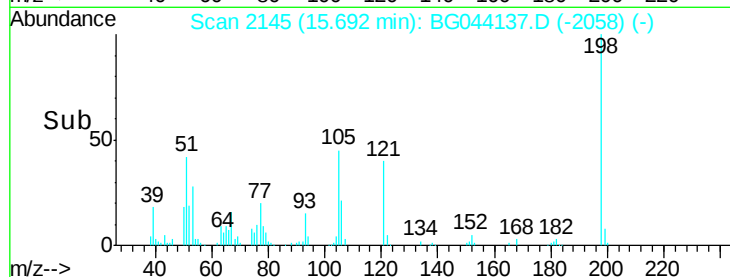
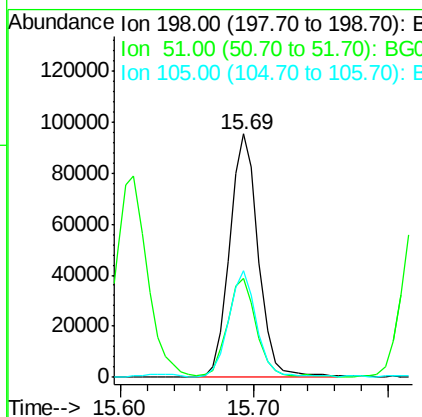
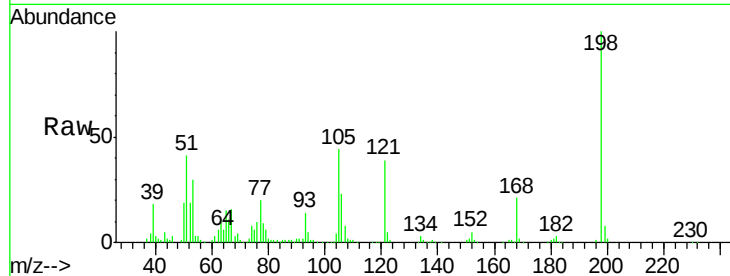
#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.208 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.02 min
 Lab File: BG044137.D
 Acq: 21 Jan 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 B1-15-30MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	142650		
51	40.9	22.5	62.5	
105	43.7	22.3	62.3	

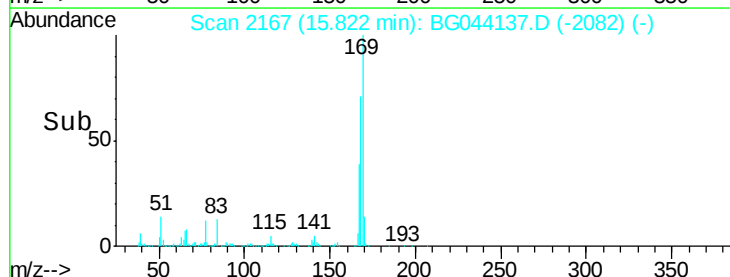
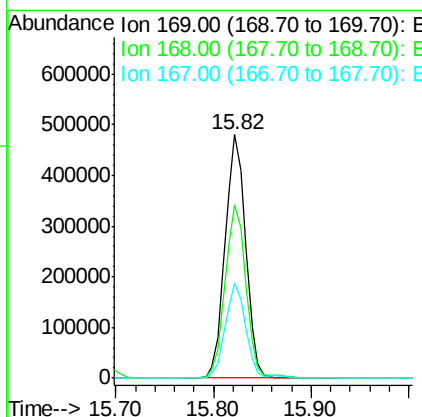
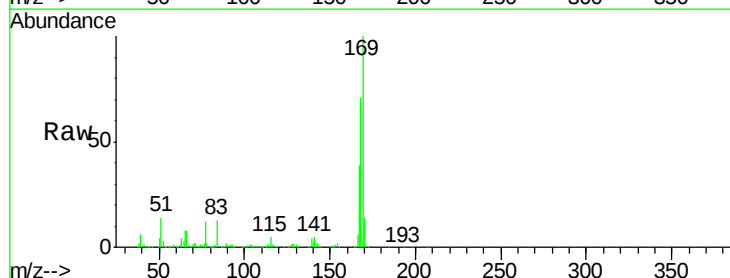
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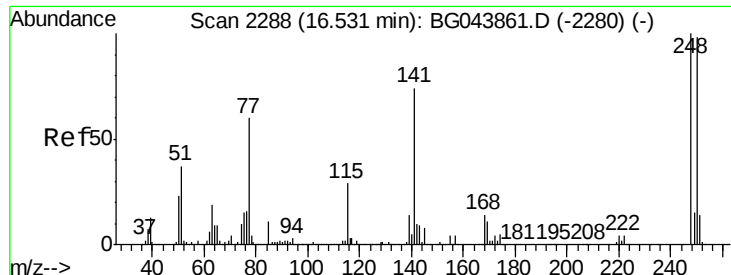
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#66
 n-Nitrosodiphenylamine
 Concen: 46.107 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG044137.D
 Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	699631		
168	71.1	59.0	88.6	
167	39.0	31.4	47.0	





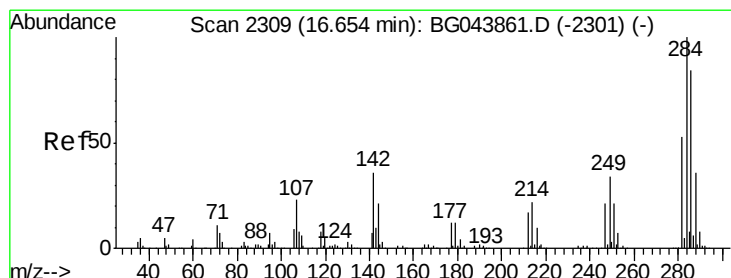
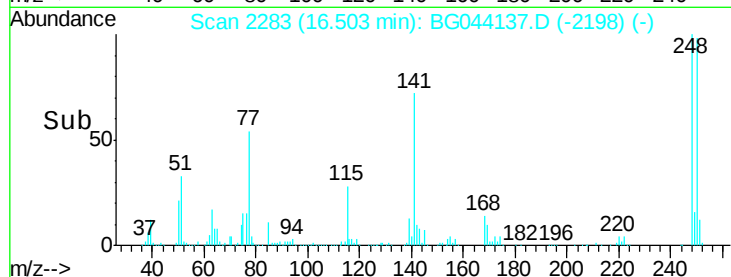
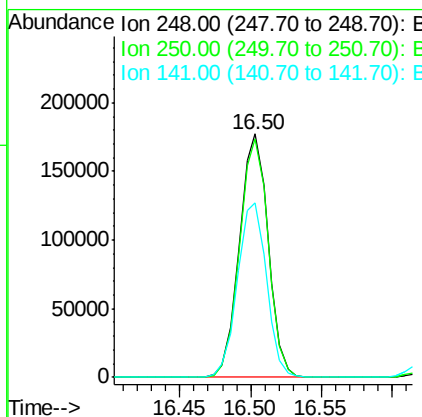
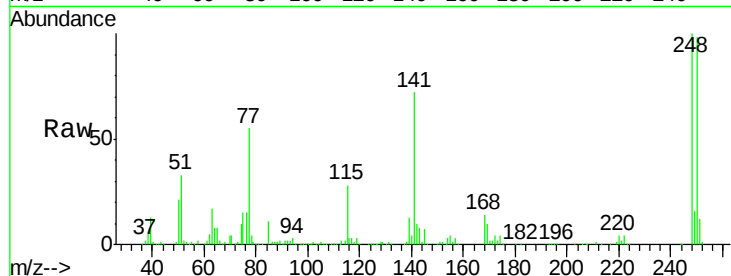
#67
4-Bromophenyl-phenylether
Concen: 43.359 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.2	117.2
141	71.8	59.3	88.9

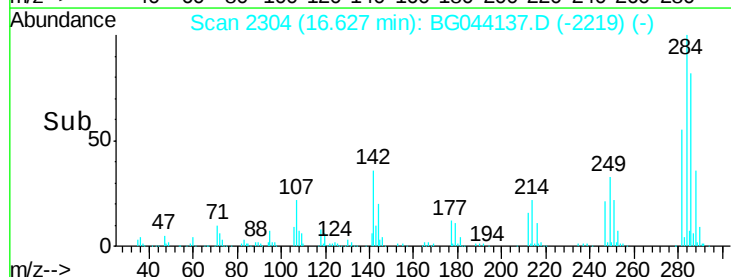
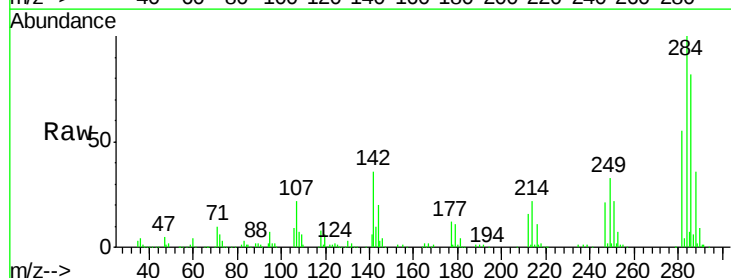
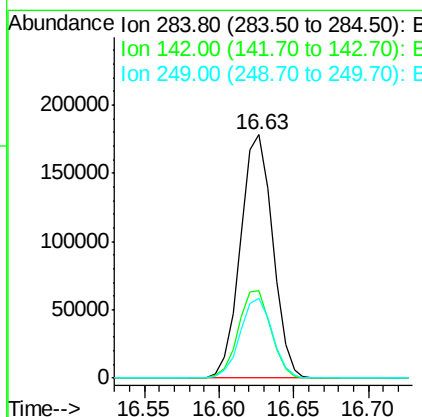
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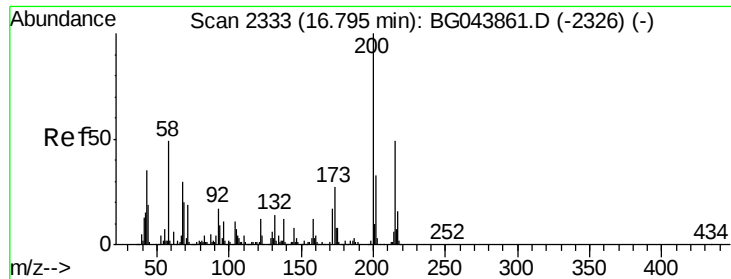
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#68
Hexachlorobenzene
Concen: 42.808 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.0	28.6	43.0
249	32.8	27.0	40.6





#69

Atrazine

Concen: 51.230 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA_G

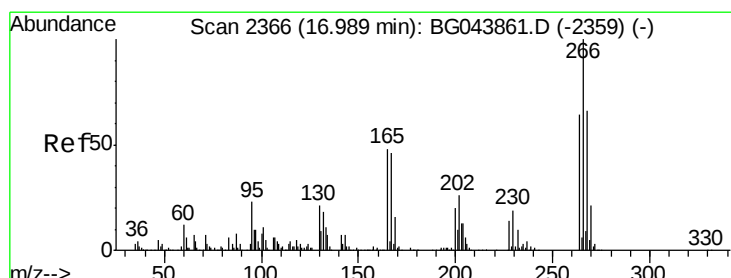
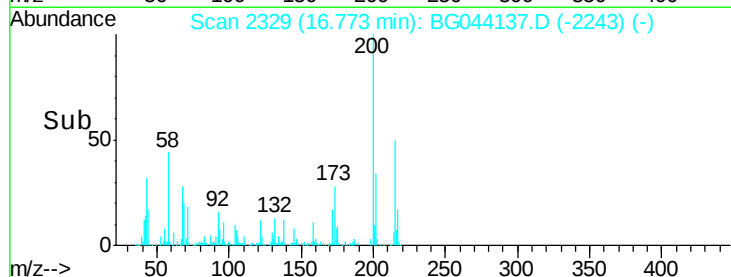
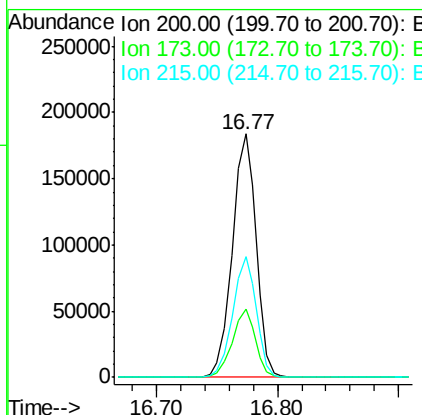
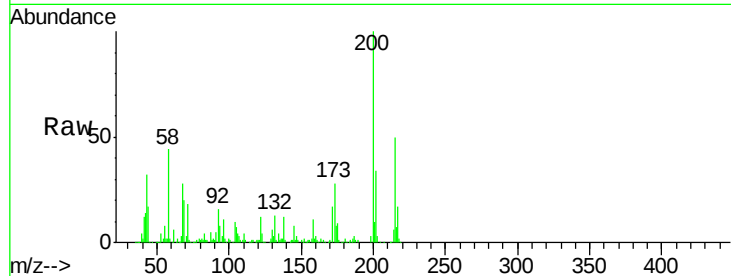
ClientSampleId :

B1-15-30MS

Tot Ion:	200	Resp:	252689
Ion Ratio	Lower	Upper	
200	100		
173	27.8	6.6	46.6
215	49.7	28.6	68.6

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#70

Pentachlorophenol

Concen: 84.476 ng

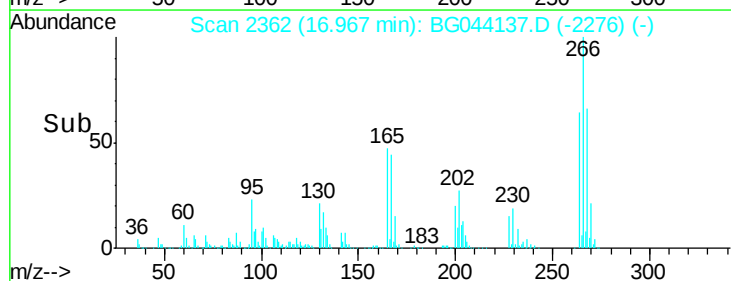
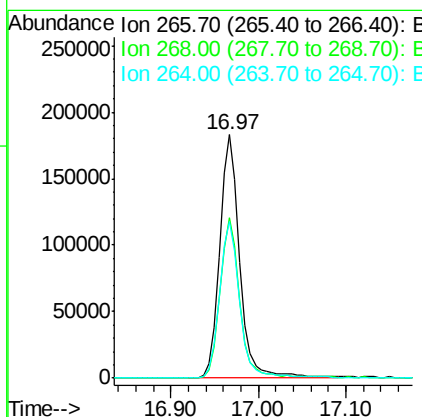
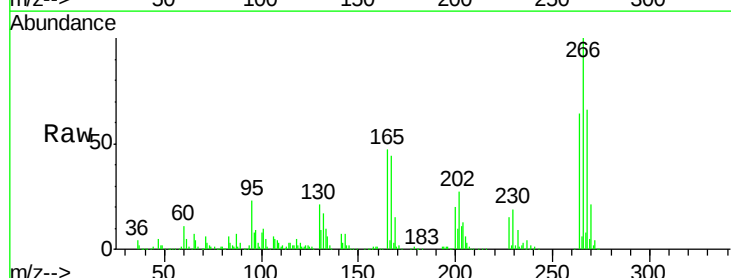
RT: 16.97 min Scan# 2362

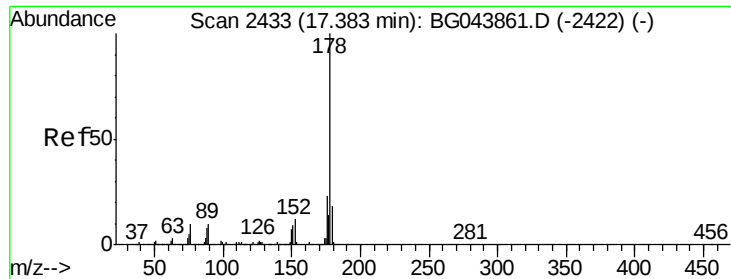
Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Tgt Ion:	266	Resp:	290794
Ion Ratio	Lower	Upper	
266	100		
268	65.9	52.6	79.0
264	64.1	50.8	76.2





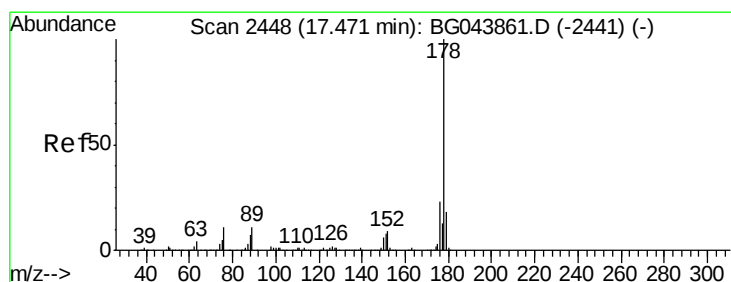
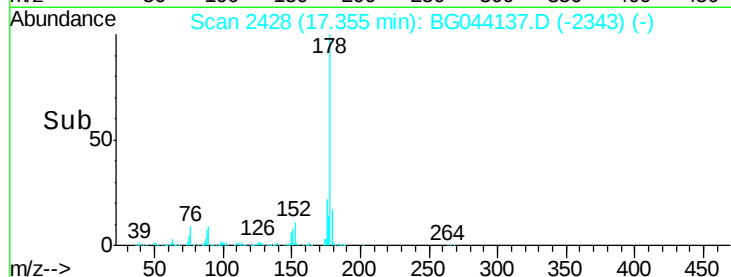
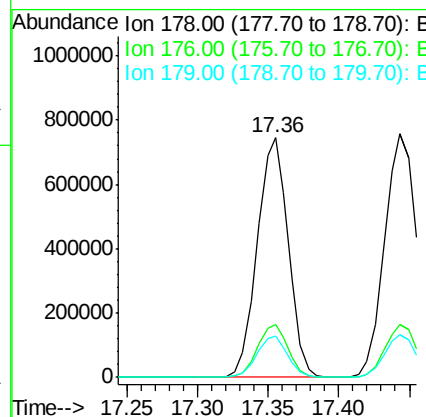
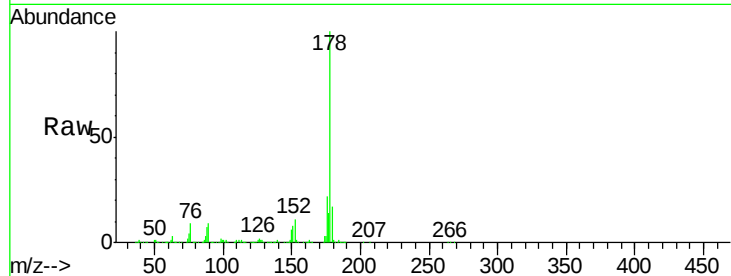
#71
Phenanthrene
Concen: 46.622 ng
RT: 17.36 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.2	18.6	28.0
179	17.3	14.4	21.6

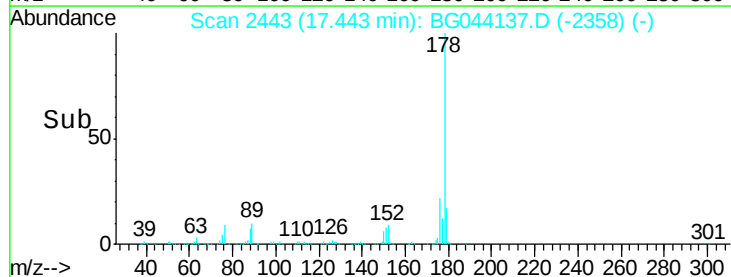
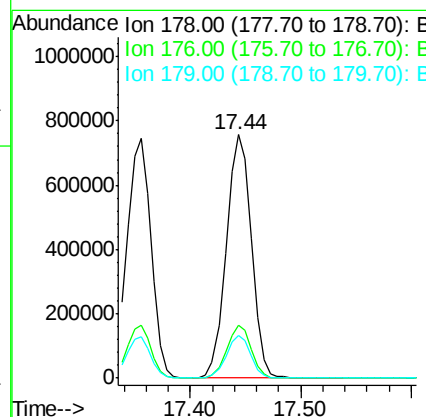
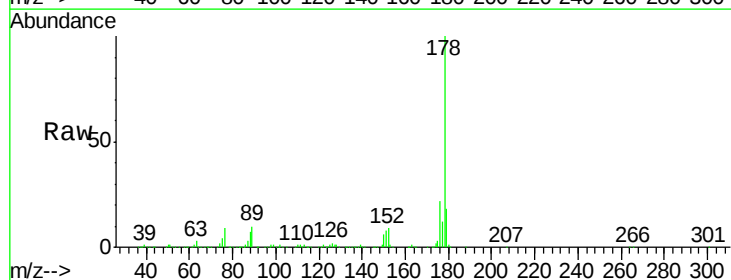
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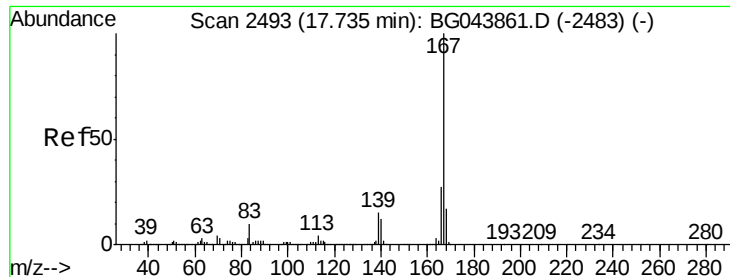
mohammad
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#72
Anthracene
Concen: 49.123 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.7	18.3	27.5
179	17.5	14.6	22.0





#73

Carbazole

Concen: 47.194 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA_G

ClientSampleId :

B1-15-30MS

Tot Ion:167 Resp: 1064806

Ion Ratio Lower Upper

167 100

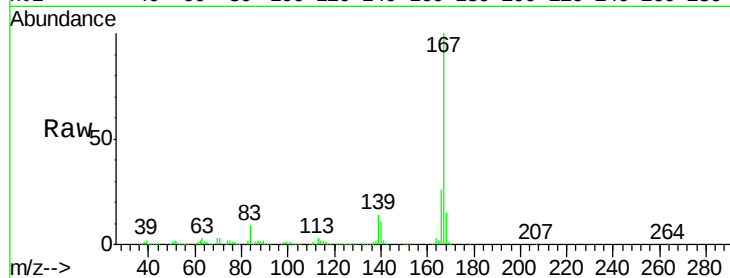
166 25.7 21.6 32.4

139 14.2 12.1 18.1

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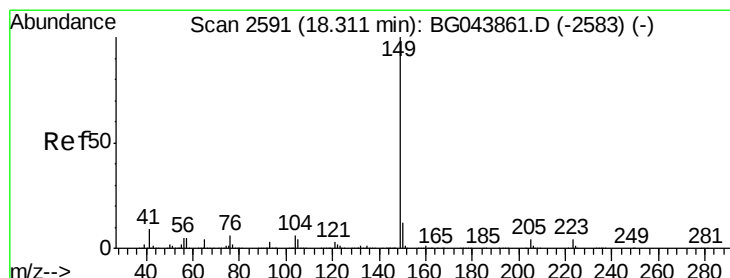
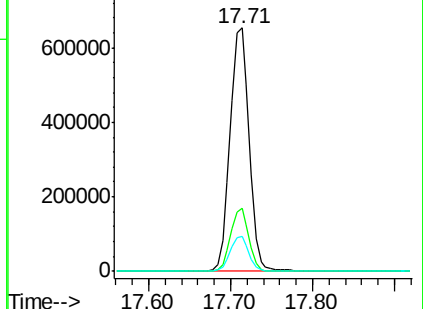
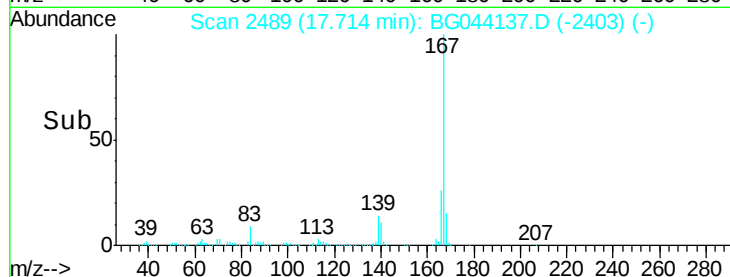
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.570 ng

RT: 18.28 min Scan# 2585

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

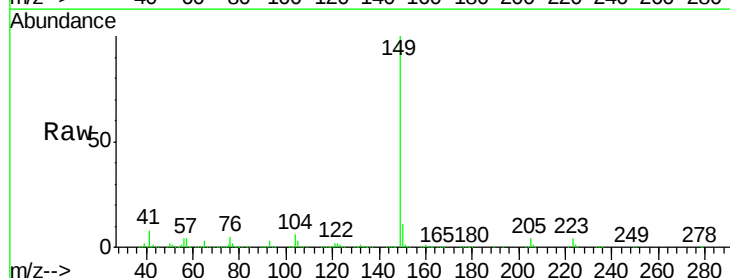
Tgt Ion:149 Resp: 1312739

Ion Ratio Lower Upper

149 100

150 10.8 9.7 14.5

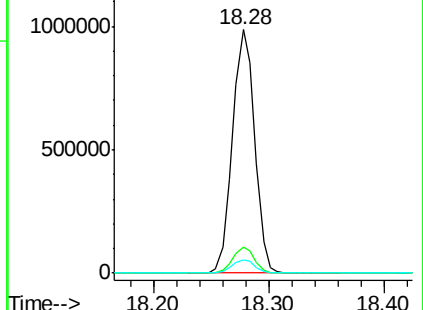
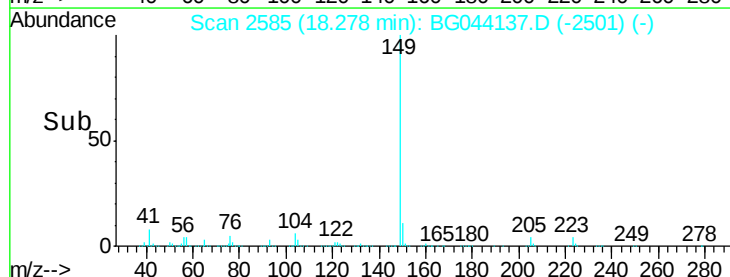
104 5.5 5.0 7.4

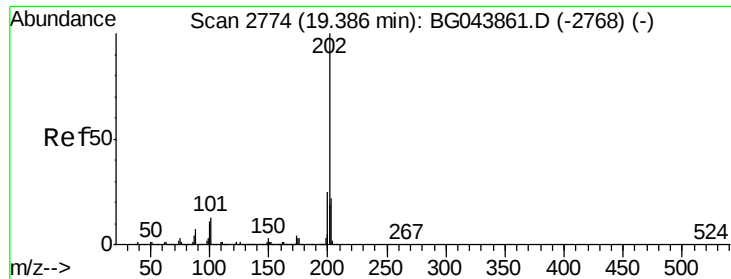


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.762 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA_G

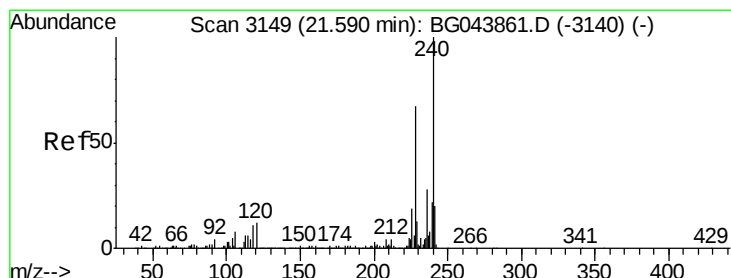
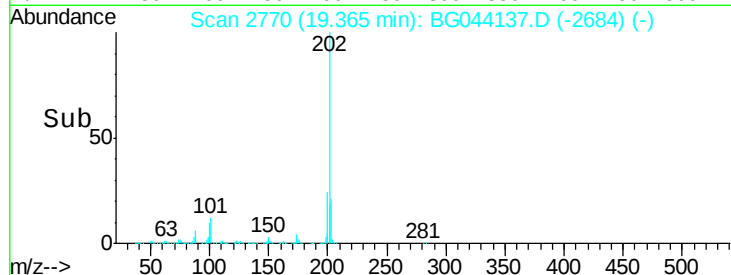
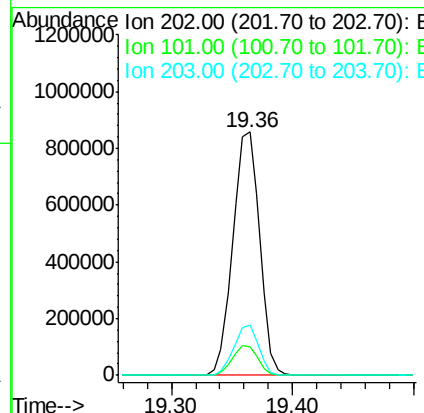
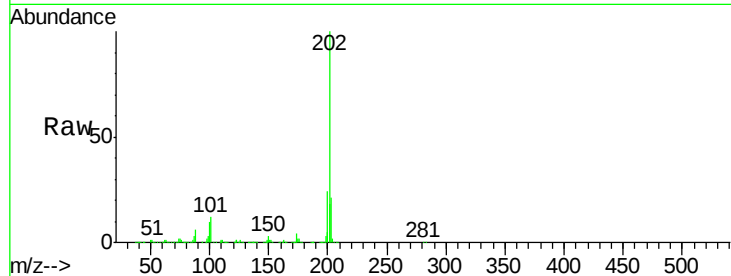
ClientSampleId :

B1-15-30MS

Tot Ion:	202	Resp:	1321753
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	33.3
203	20.6	1.6	41.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

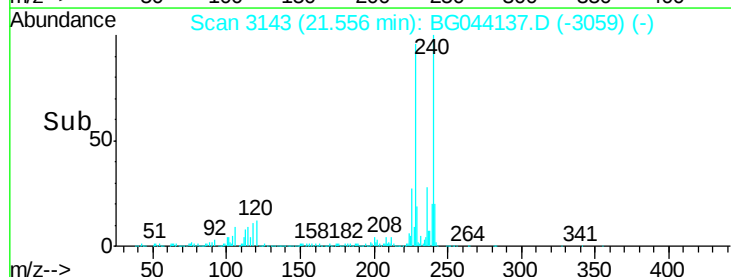
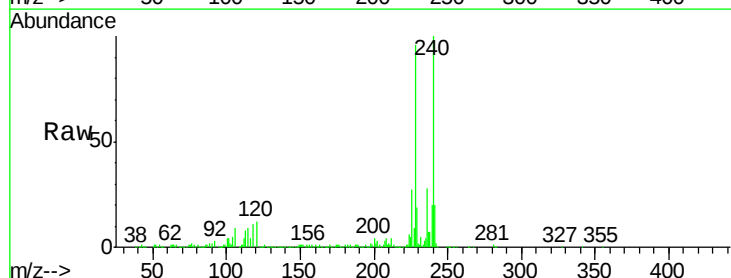
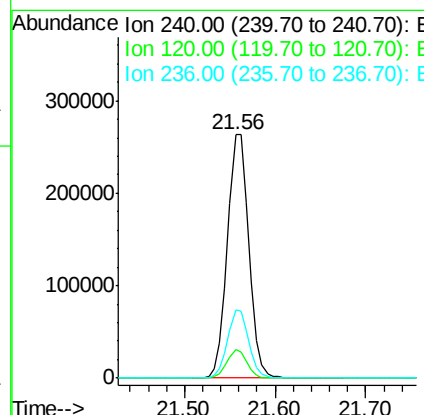
RT: 21.56 min Scan# 3143

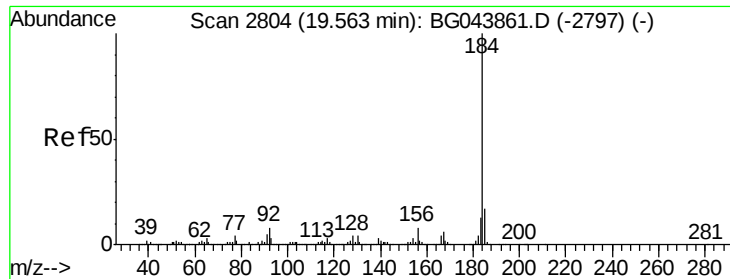
Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Tgt Ion:	240	Resp:	431884
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.6	14.4
236	28.3	22.2	33.2





#77

Benzidine

Concen: 40.847 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA_G

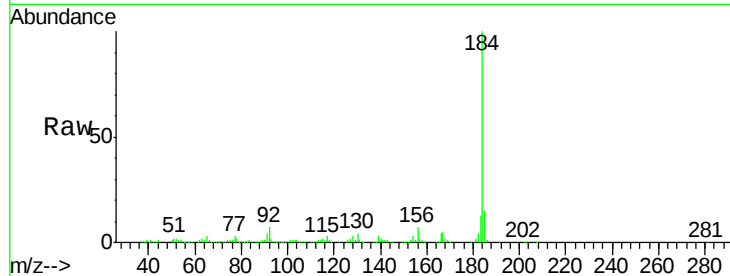
ClientSampleId :

B1-15-30MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.4	20.0
183	12.8	10.6	15.8

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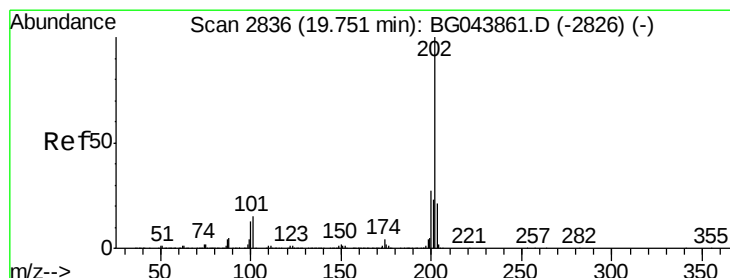
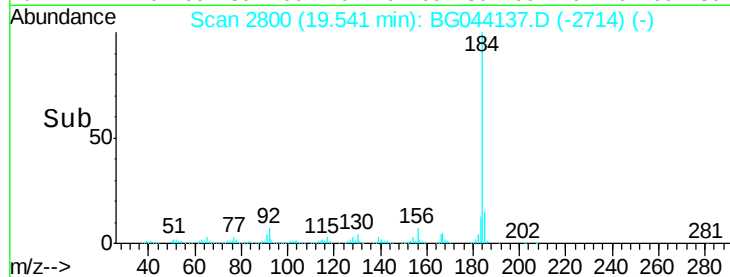
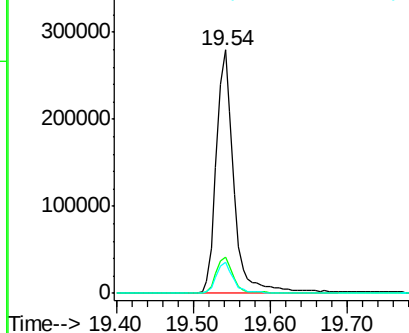
mohammad
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.941 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

Lab File: BG044137.D

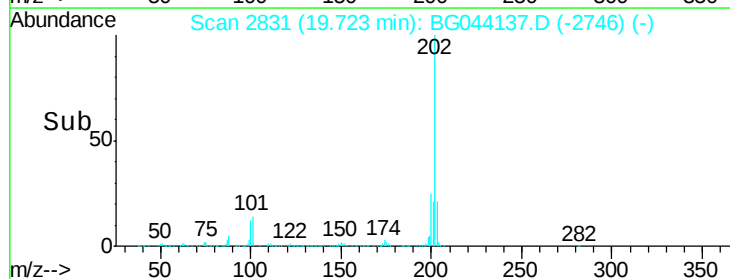
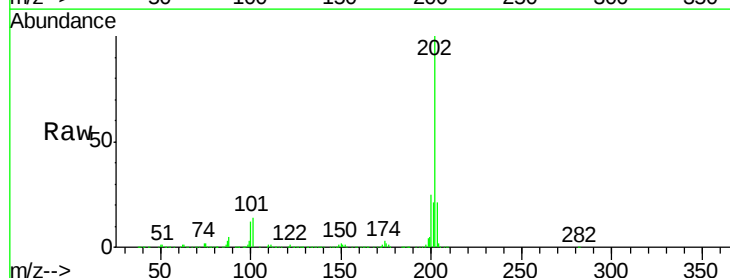
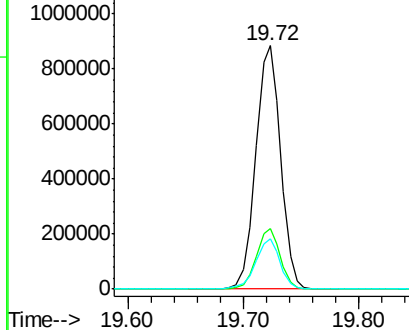
Acq: 21 Jan 2020 17:20

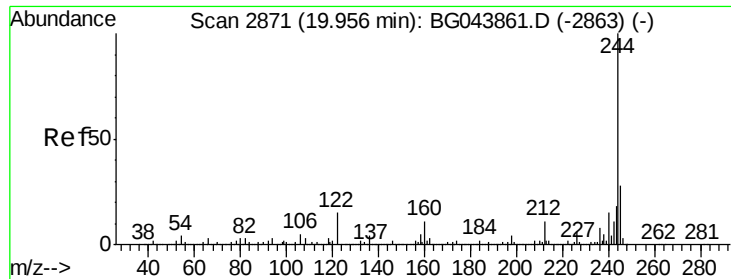
Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.1	21.7	32.5
203	20.9	17.0	25.6

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





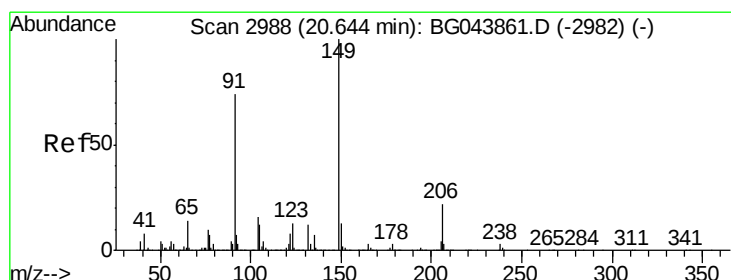
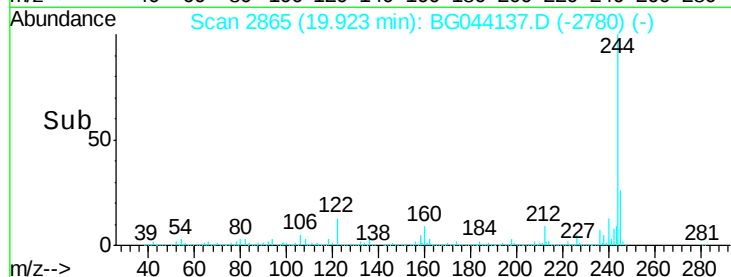
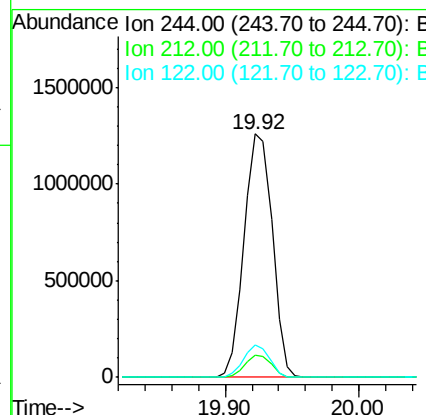
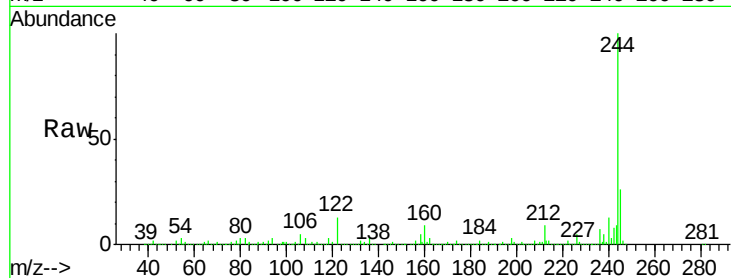
#79
 Terphenyl-d14
 Concen: 111.161 ng
 RT: 19.92 min Scan# 2865
 Delta R.T. -0.03 min
 Lab File: BG044137.D
 Acq: 21 Jan 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 B1-15-30MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.3	8.6	13.0
122	13.3	11.9	17.9

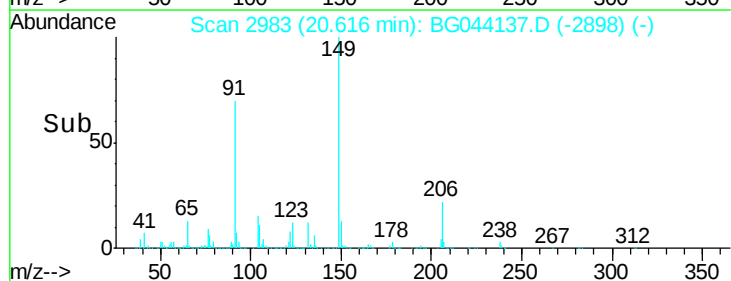
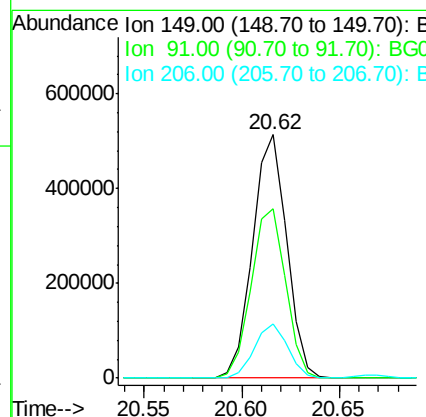
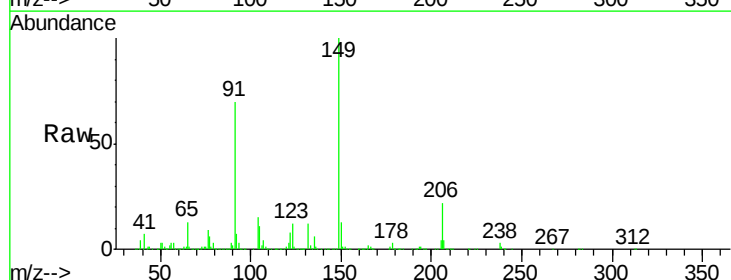
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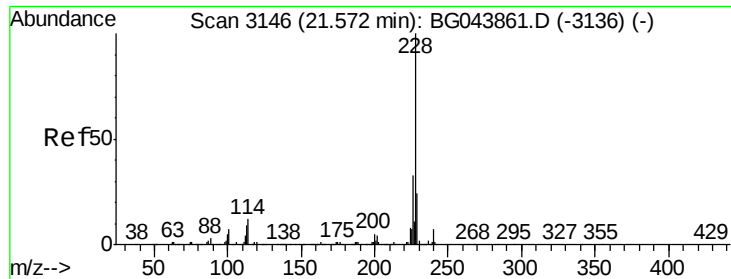
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#80
 Butylbenzylphthalate
 Concen: 46.214 ng
 RT: 20.62 min Scan# 2983
 Delta R.T. -0.03 min
 Lab File: BG044137.D
 Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.7	59.5	89.3
206	22.5	17.8	26.6





#81

Benzo(a)anthracene

Concen: 47.259 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA_G

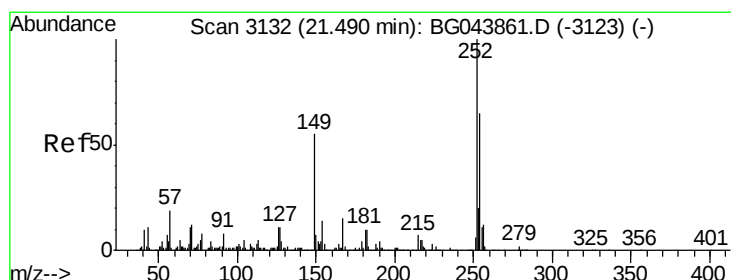
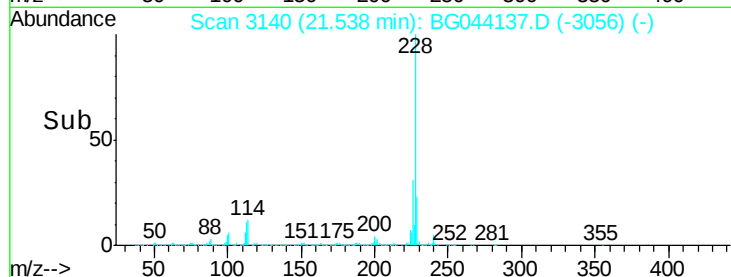
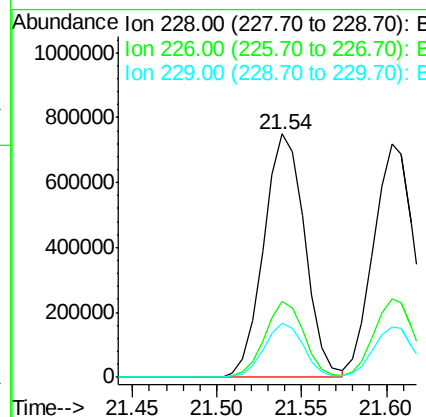
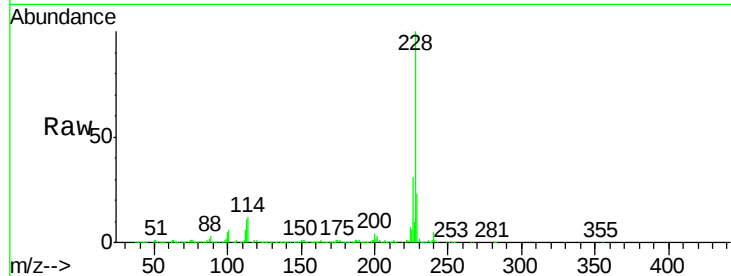
ClientSampleId :

B1-15-30MS

Tot Ion:	228	Resp:	1265582
Ion	Ratio	Lower	Upper
228	100		
226	31.1	26.2	39.4
229	22.5	18.9	28.3

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#82

3,3'-Dichlorobenzidine

Concen: 25.728 ng

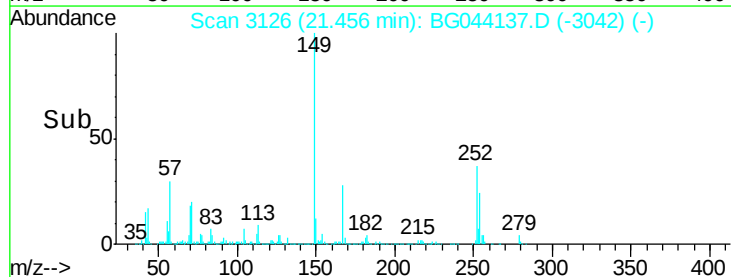
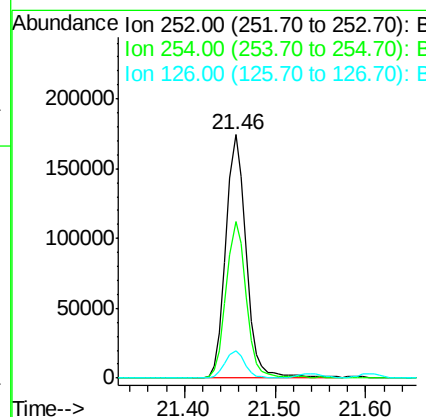
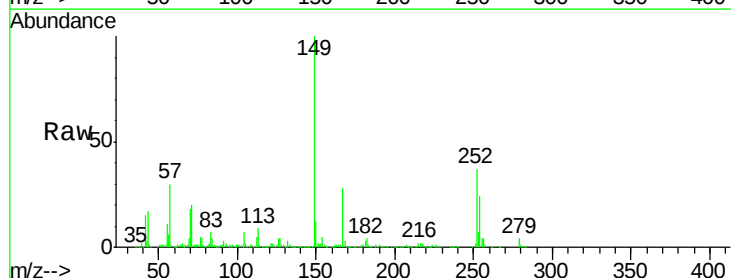
RT: 21.46 min Scan# 3126

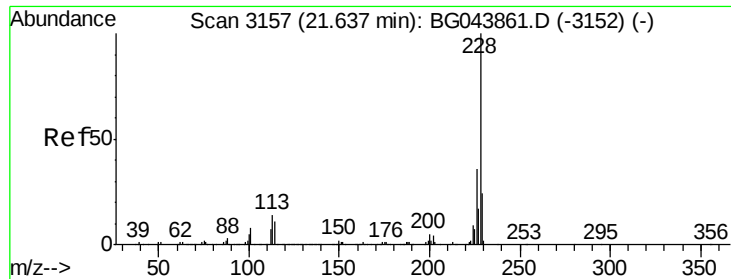
Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Tgt Ion:	252	Resp:	272200
Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.1	78.1
126	11.0	9.1	13.7





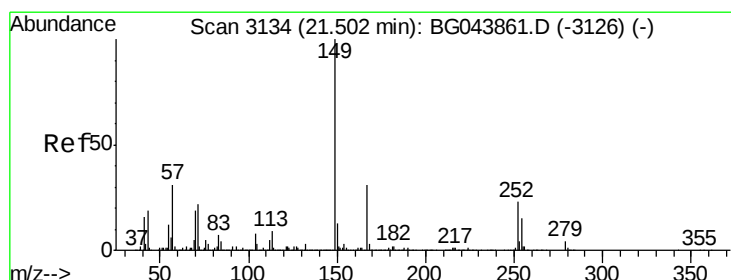
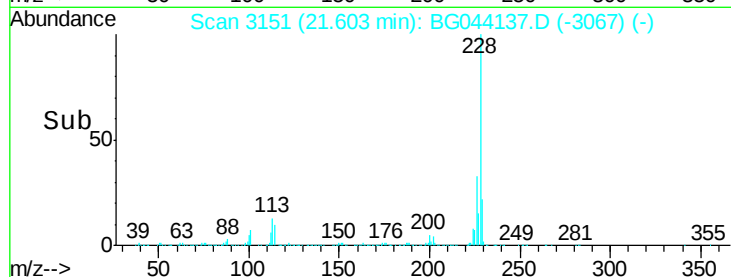
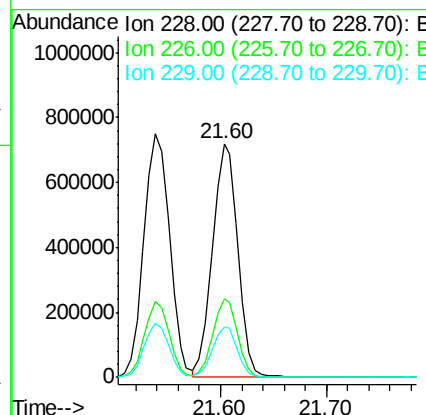
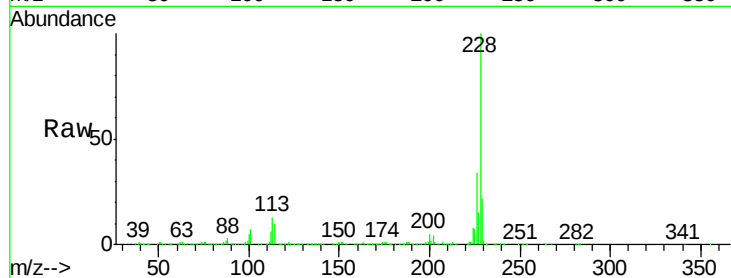
#83
 Chrvsene
 Concen: 47.258 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.03 min
 Lab File: BG044137.D
 Acq: 21 Jan 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 B1-15-30MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	28.8	43.2
229	21.7	19.0	28.6

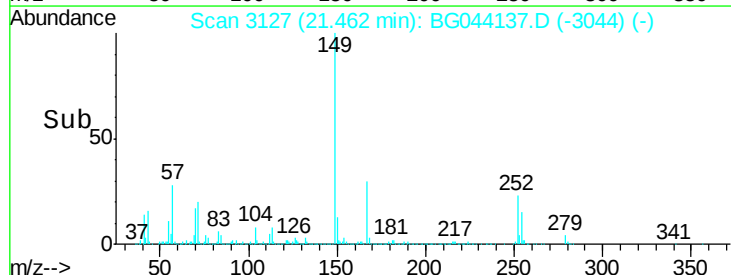
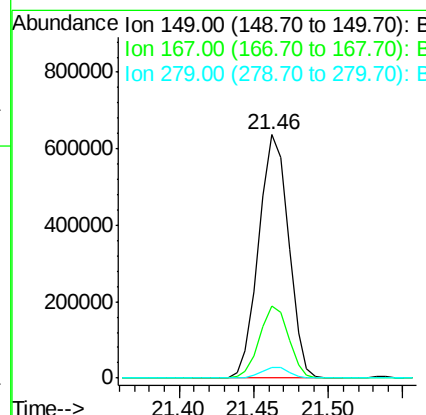
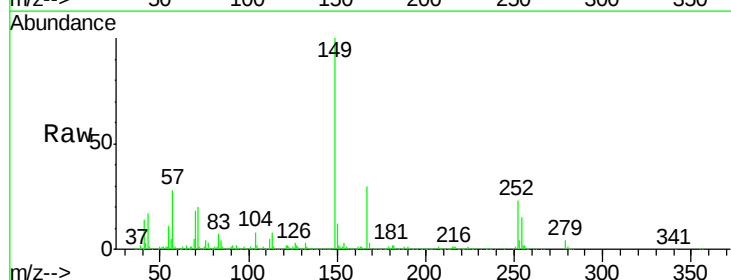
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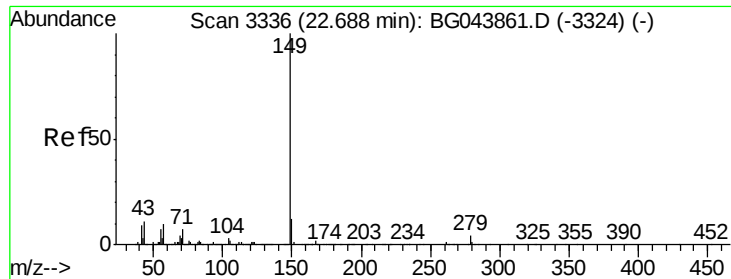
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.373 ng
 RT: 21.46 min Scan# 3127
 Delta R.T. -0.04 min
 Lab File: BG044137.D
 Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	24.7	37.1
279	4.2	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 49.138 ng

RT: 22.64 min Scan# 3327

Delta R.T. -0.05 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA_G

ClientSampleId :

B1-15-30MS

Tot Ion:149 Resp: 1529834

Ion Ratio Lower Upper

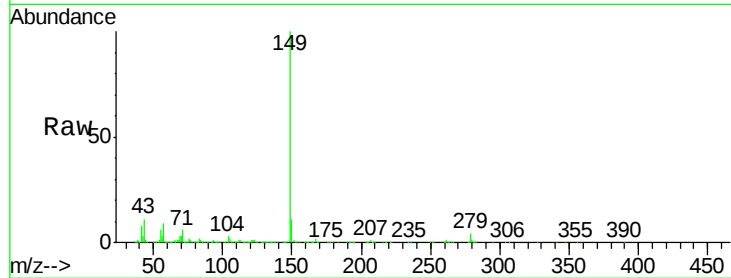
149 100

167 1.7 1.4 2.0

43 9.7 8.8 13.2

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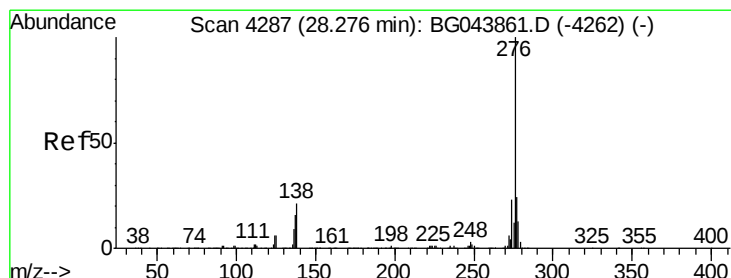
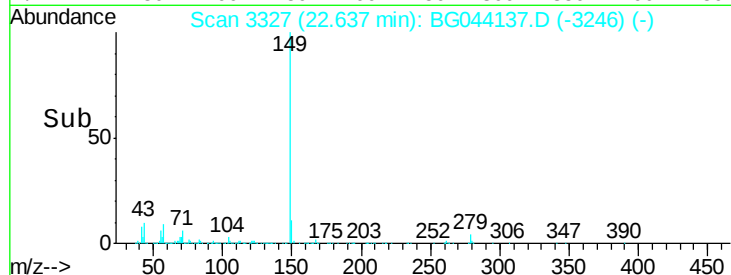
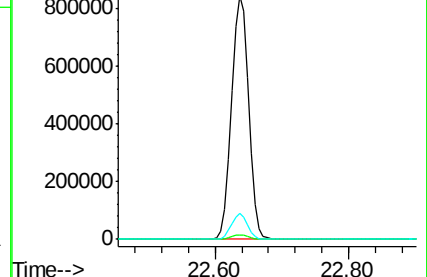
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 45.607 ng

RT: 28.20 min Scan# 4273

Delta R.T. -0.08 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

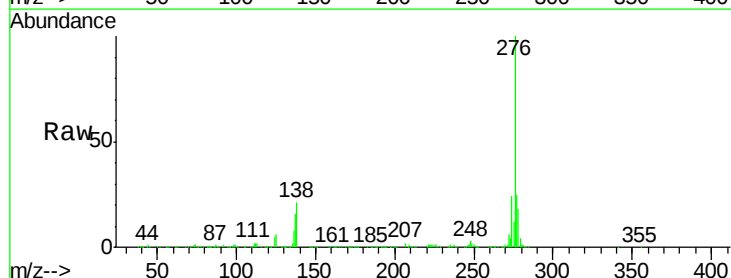
Tgt Ion:276 Resp: 1577155

Ion Ratio Lower Upper

276 100

138 26.0 21.0 31.4

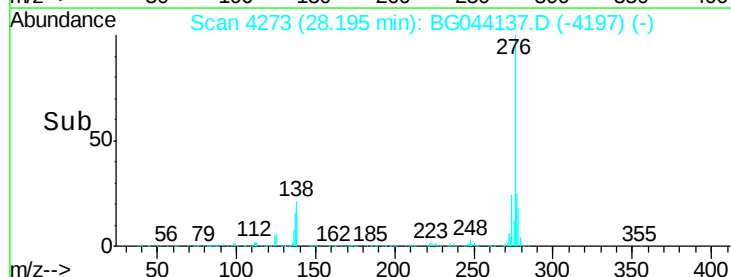
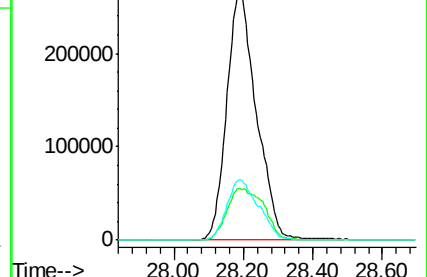
277 26.2 21.1 31.7

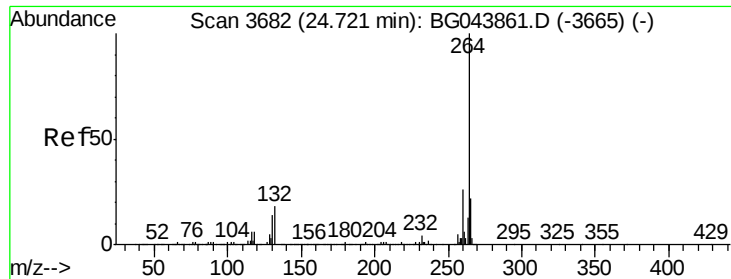


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





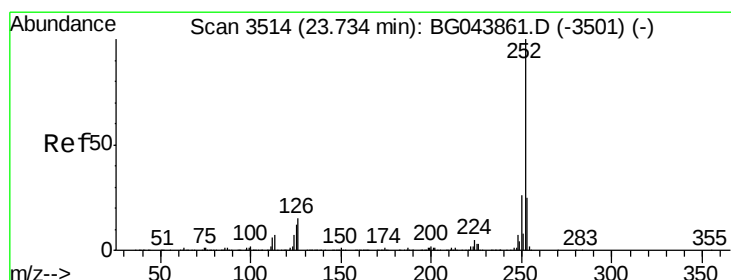
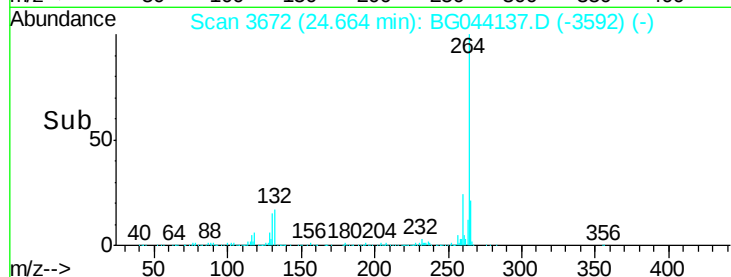
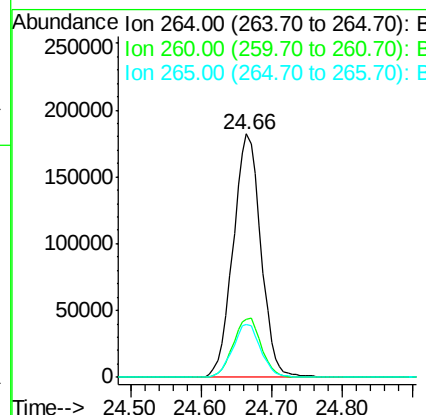
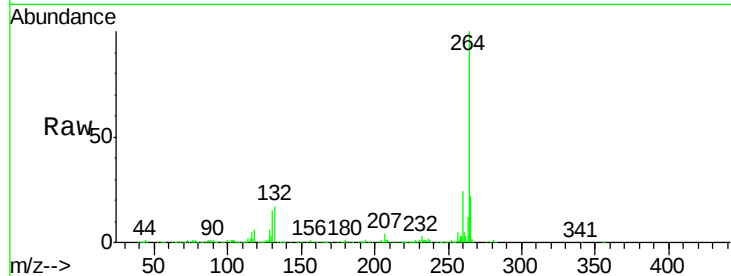
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.4	30.6
265	21.6	17.4	26.2

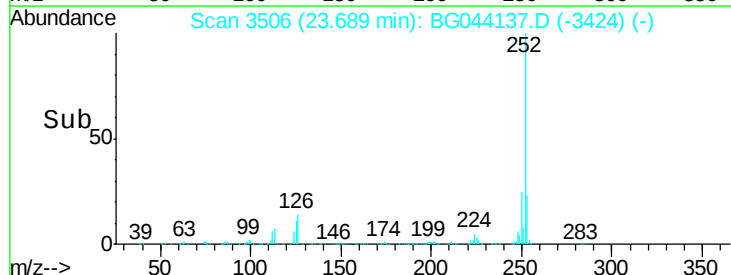
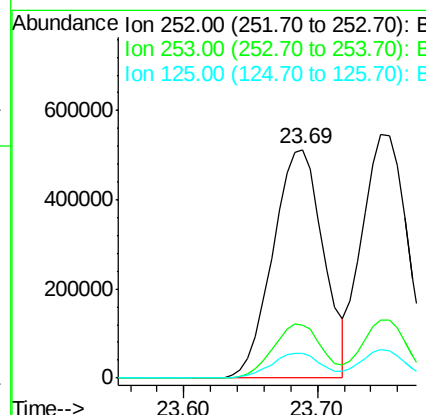
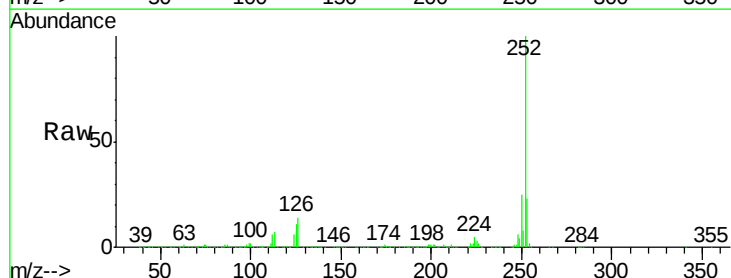
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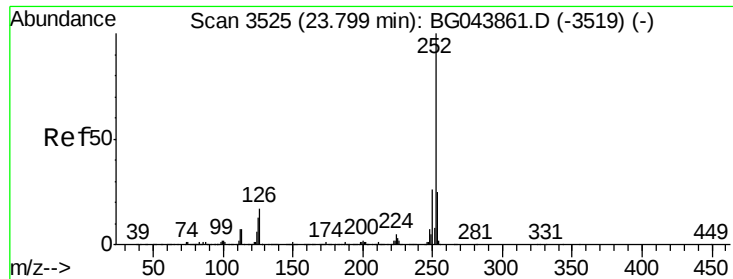
mohammad
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#88
Benzo(b)fluoranthene
Concen: 45.894 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.05 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.7	29.5
125	10.9	9.4	14.2





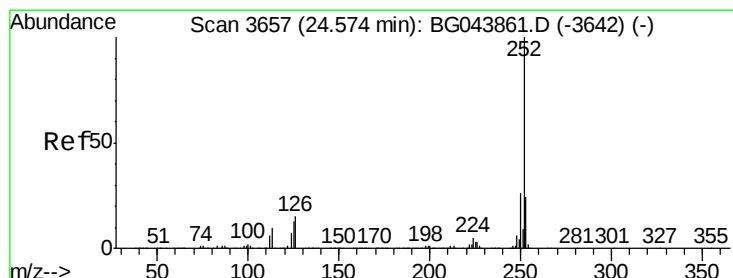
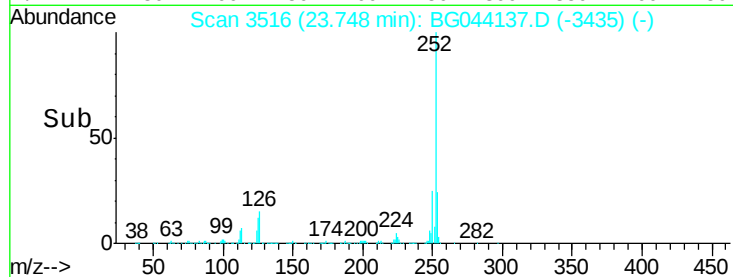
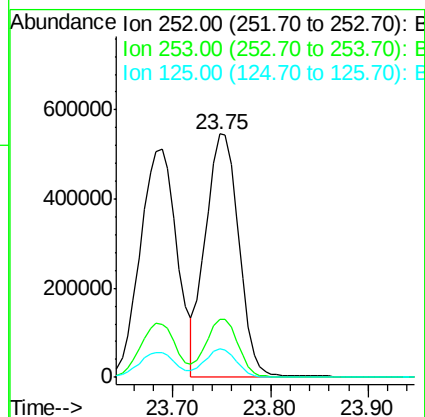
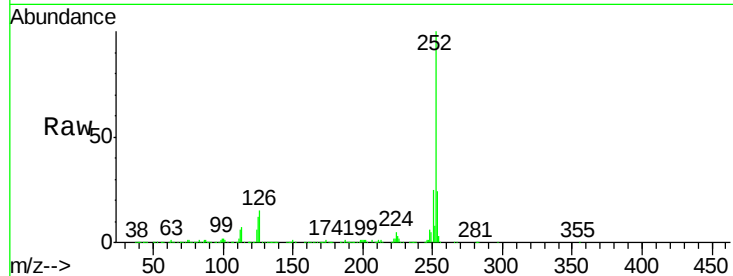
#89
Benzo(k)fluoranthene
Concen: 46.060 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.05 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.4	29.2
125	12.0	9.9	14.9

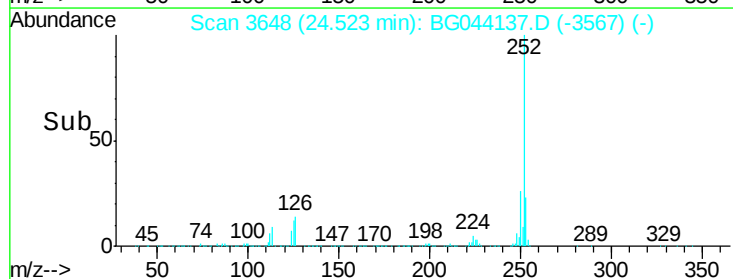
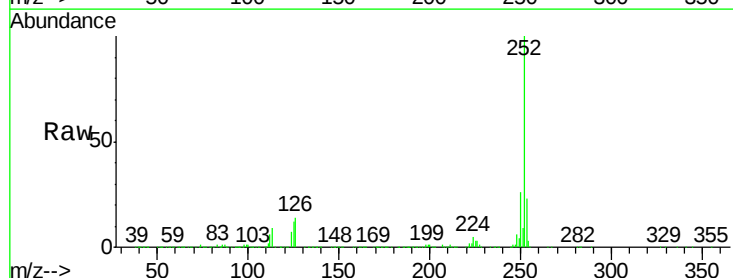
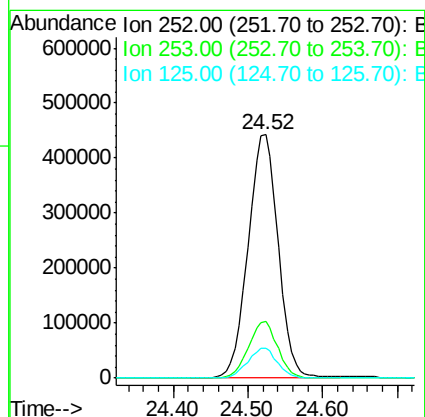
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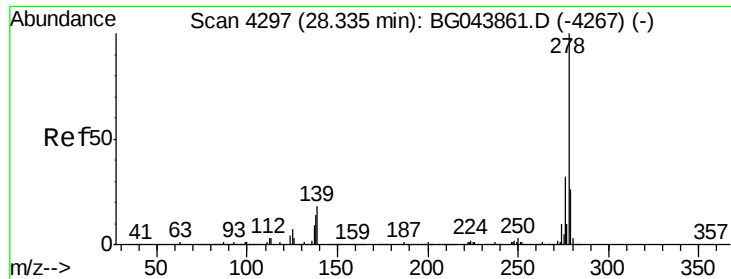
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#90
Benzo(a)pyrene
Concen: 44.668 ng
RT: 24.52 min Scan# 3648
Delta R.T. -0.05 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.3	28.9
125	12.1	10.4	15.6





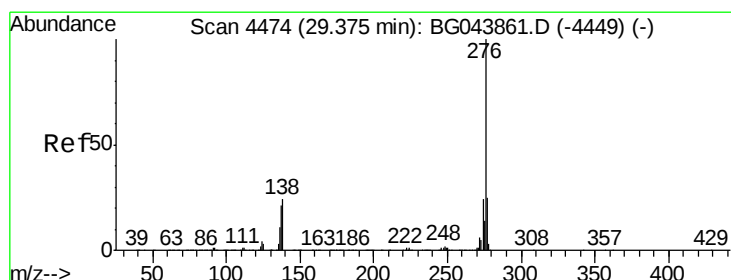
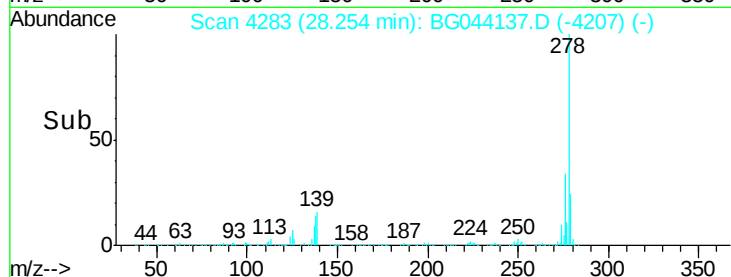
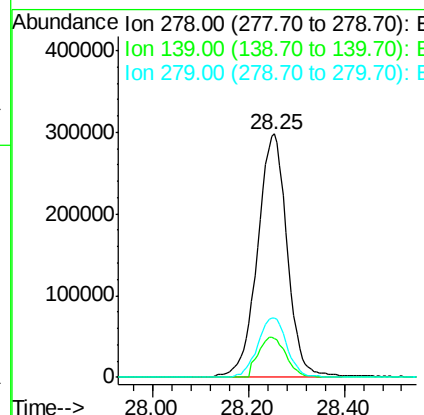
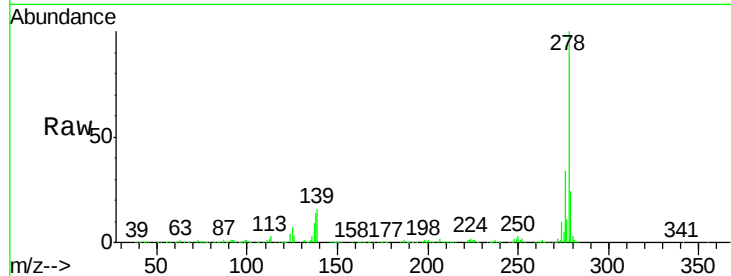
#91
Dibenzo(a,h)anthracene
Concen: 46.110 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.08 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
B1-15-30MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.2	21.4
279	24.4	20.6	30.8

Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:19 AM



#92
Benzo(g,h,i)perylene
Concen: 47.682 ng
RT: 29.29 min Scan# 4460
Delta R.T. -0.08 min
Lab File: BG044137.D
Acq: 21 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.2	30.4
138	21.8	19.0	28.6

