

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043911.D
 Acq On : 4 Jan 2020 7:40
 Operator : JU
 Sample : PB125896BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125896BSD

Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:42:01 AM

Quant Time: Jan 06 04:44:50 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	7.97	152	171217	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	821337	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	551073	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	1170252	20.00	ng	0.00
76) Chrysene-d12	21.60	240	996716	20.00	ng	0.00
87) Perylene-d12	24.72	264	927734	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	912444	97.85	ng	0.00
7) Phenol-d6	7.14	99	1229351	94.31	ng	0.01
23) Nitrobenzene-d5	9.12	82	1227979	79.98	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	458132	79.44	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2411098	79.27	ng	0.00
79) Terphenyl-d14	19.96	244	3058883	70.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	136812	33.649	ng	99
3) Pyridine	3.83	79	320919	26.718	ng	97
4) n-Nitrosodimethylamine	3.74	42	212147	39.671	ng	97
6) Aniline	7.28	93	564065	32.947	ng	99
8) 2-Chlorophenol	7.53	128	575625	52.582	ng	99
9) Benzaldehyde	7.10	77	66355	7.954	ng	93
10) Phenol	7.16	94	718348	53.489	ng	97
11) bis(2-Chloroethyl)ether	7.38	93	530557	45.767	ng	99
12) 1,3-Dichlorobenzene	7.85	146	521976	40.746	ng	99
13) 1,4-Dichlorobenzene	8.00	146	531267	42.031	ng	100
14) 1,2-Dichlorobenzene	8.32	146	520115	42.870	ng	100
15) Benzyl Alcohol	8.20	79	502554	48.852	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	780372	43.511	ng	99
17) 2-Methylphenol	8.41	107	507392	52.209	ng	99
18) Hexachloroethane	9.05	117	205310	41.744	ng	97
19) n-Nitroso-di-n-propylamine	8.78	70	432704	44.576	ng	97
20) 3+4-Methylphenols	8.74	107	699179	51.571	ng	99
22) Acetophenone	8.78	105	787855	38.584	ng	98
24) Nitrobenzene	9.16	77	615688	40.489	ng	98
25) Isophorone	9.69	82	1182037	41.037	ng	98
26) 2-Nitrophenol	9.87	139	328743	45.695	ng	98
27) 2,4-Dimethylphenol	9.95	122	562791	51.968	ng	100
28) bis(2-Chloroethoxy)methane	10.17	93	747688	38.936	ng	100
29) 2,4-Dichlorophenol	10.42	162	582718	45.109	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	564249	38.956	ng	98
31) Naphthalene	10.81	128	1610910	40.530	ng	98
32) Benzoic acid	10.10	122	274404	33.317	ng	99
33) 4-Chloroaniline	10.92	127	426529	22.499	ng	100
34) Hexachlorobutadiene	11.11	225	323141	36.541	ng	99
35) Caprolactam	11.70	113	226237m	47.045	ng	
36) 4-Chloro-3-methylphenol	12.05	107	617680	44.916	ng	98
37) 2-Methylnaphthalene	12.42	142	1246159	41.645	ng	98
38) 1-Methylnaphthalene	12.64	142	1186255	41.828	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	591906	36.646	ng	99

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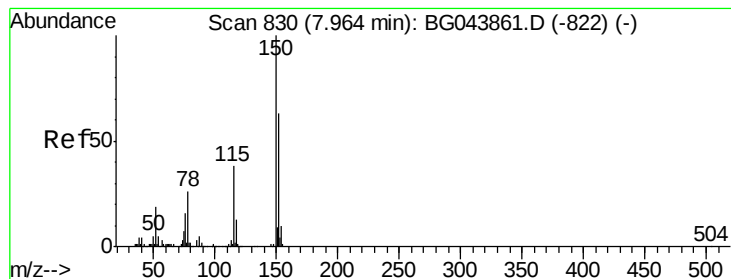
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	594382	70.981	ng	98
43) 2,4,6-Trichlorophenol	13.03	196	462773	41.639	ng	98
44) 2,4,5-Trichlorophenol	13.11	196	487404	42.521	ng	99
46) 1,1'-Biphenyl	13.44	154	1542040	39.028	ng	96
47) 2-Chloronaphthalene	13.48	162	1219081	38.183	ng	98
48) 2-Nitroaniline	13.67	65	411549	40.072	ng	98
49) Acenaphthylene	14.32	152	1860879	40.551	ng	97
50) Dimethylphthalate	14.06	163	1541937	39.407	ng	99
51) 2,6-Dinitrotoluene	14.16	165	375341	42.441	ng	96
52) Acenaphthene	14.66	154	1205394	37.456	ng	98
53) 3-Nitroaniline	14.49	138	301903	30.061	ng	95
54) 2,4-Dinitrophenol	14.70	184	386923	85.474	ng	97
55) Dibenzofuran	15.00	168	1771477	39.987	ng	95
56) 4-Nitrophenol	14.82	139	730288	94.892	ng	99
57) 2,4-Dinitrotoluene	14.96	165	519010	43.129	ng	99
58) Fluorene	15.64	166	1420545	40.456	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	433636	43.995	ng	100
60) Diethylphthalate	15.42	149	1588415	40.587	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	756780	39.691	ng	97
62) 4-Nitroaniline	15.66	138	409215	41.261	ng	98
63) Azobenzene	15.93	77	1502612	41.401	ng	96
65) 4,6-Dinitro-2-methylphenol	15.72	198	286165	47.511	ng	98
66) n-Nitrosodiphenylamine	15.85	169	1355088	39.321	ng	97
67) 4-Bromophenyl-phenylether	16.53	248	495756	37.666	ng	98
68) Hexachlorobenzene	16.65	284	532642	37.557	ng	99
69) Atrazine	16.81	200	513786	45.865	ng	99
70) Pentachlorophenol	17.00	266	655643	83.864	ng	99
71) Phenanthrene	17.38	178	2184384	38.916	ng	94
72) Anthracene	17.47	178	2245502	40.479	ng	95
73) Carbazole	17.74	167	2106667	41.112	ng	96
74) Di-n-butylphthalate	18.31	149	2462811	37.644	ng	96
75) Fluoranthene	19.39	202	2444591	38.081	ng	94
77) Benzidine	19.56	184	1038726	41.461	ng	98
78) Pyrene	19.75	202	2449780	37.654	ng	92
80) Butylbenzylphthalate	20.64	149	1251933	40.418	ng	98
81) Benzo(a)anthracene	21.57	228	2445188	39.564	ng	95
82) 3,3'-Dichlorobenzidine	21.49	252	832683	34.103	ng	97
83) Chrysene	21.64	228	2313503	39.395	ng	93
84) Bis(2-ethylhexyl)phthalate	21.50	149	1687412	39.482	ng	# 95
85) Di-n-octyl phthalate	22.69	149	2888721	40.205	ng	97
86) Indeno(1,2,3-cd)pyrene	28.28	276	3259439	40.841	ng	98
88) Benzo(b)fluoranthene	23.73	252	2715998	49.521	ng	98
89) Benzo(k)fluoranthene	23.81	252	2575137	49.375	ng	96
90) Benzo(a)pyrene	24.58	252	2526044	48.799	ng	99
91) Dibenzo(a,h)anthracene	28.35	278	2681150	51.574	ng	99
92) Benzo(g,h,i)perylene	29.39	276	2736594	52.995	ng	99

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



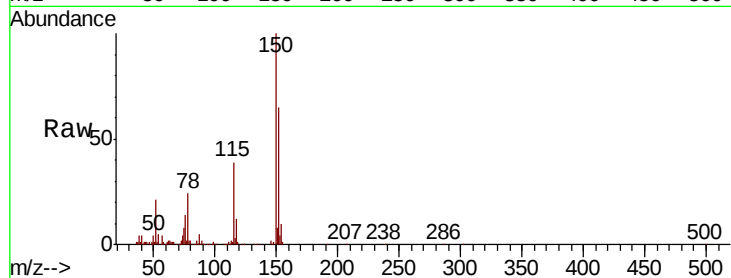
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BG043911.D
 Acq: 4 Jan 2020 7:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125896BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	127.0	190.4
115	59.8	47.8	71.8

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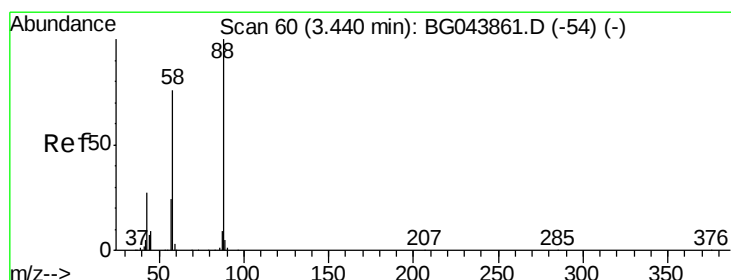
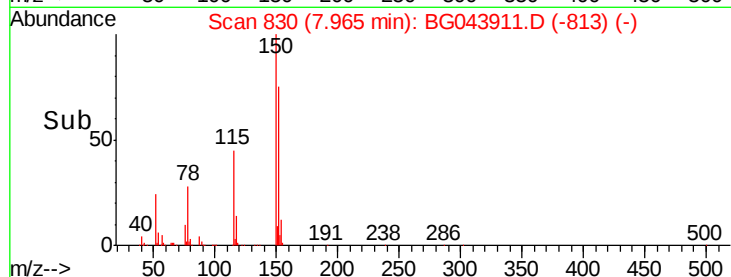
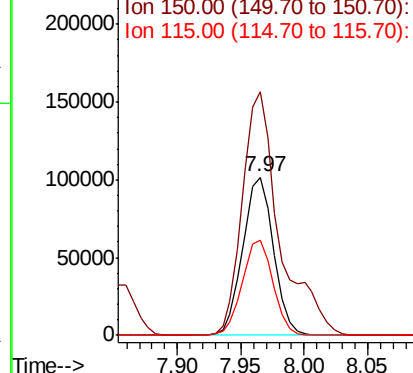


Abundance

Ion 152.00 (151.70 to 152.70): E

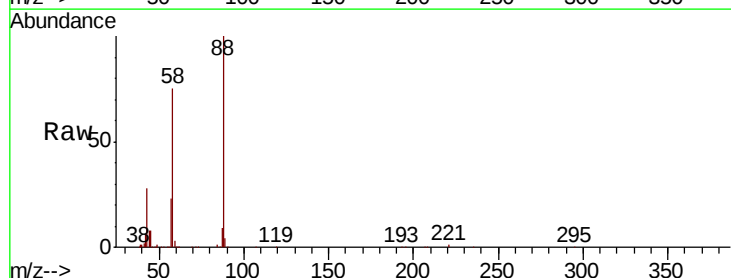
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 33.649 ng
 RT: 3.44 min Scan# 59
 Delta R.T. -0.01 min
 Lab File: BG043911.D
 Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.0	59.8	89.8
43	27.2	22.9	34.3

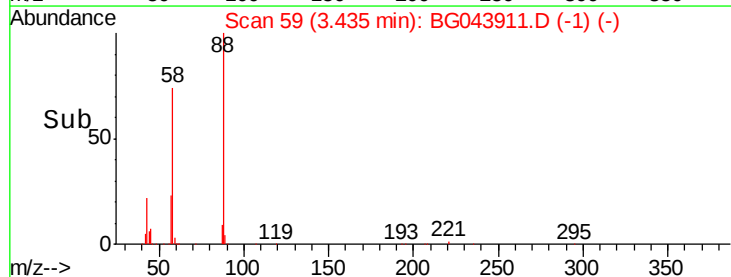
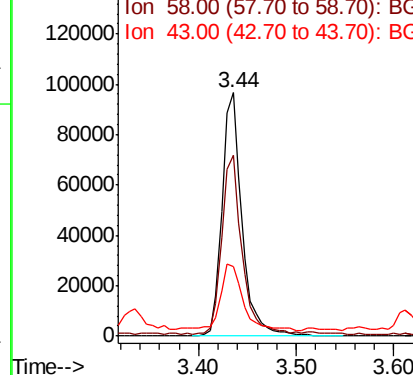


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.718 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

Instrument :

BNA_G

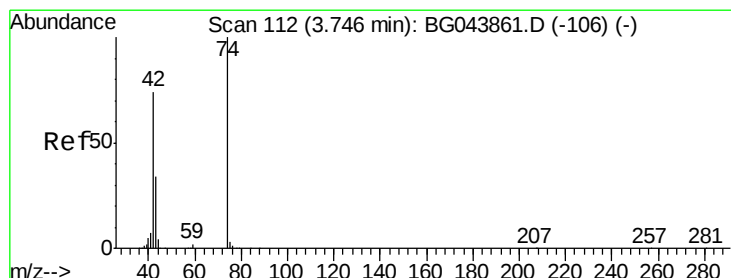
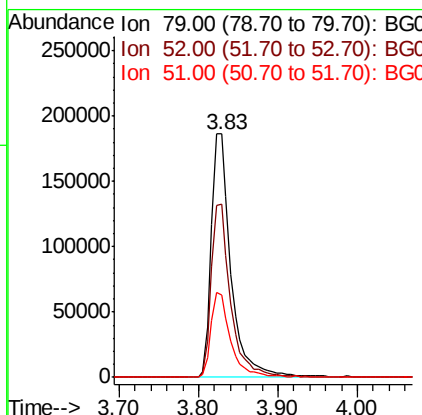
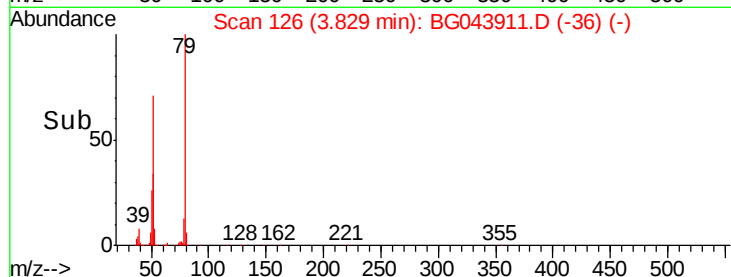
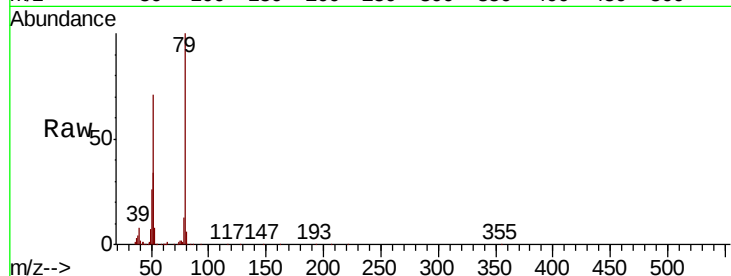
ClientSampleId :

PB125896BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.9	58.9	88.3
51	33.9	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 39.671 ng

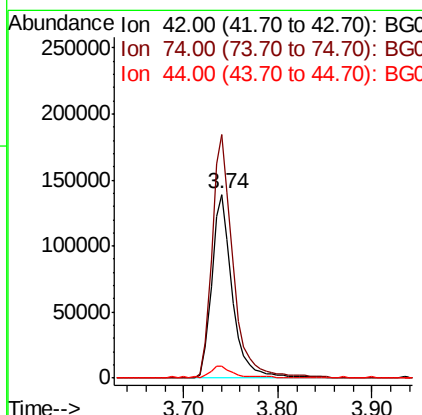
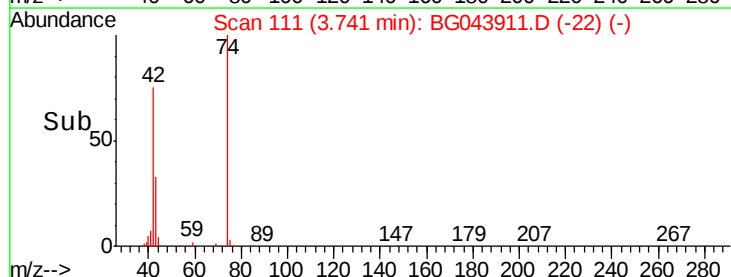
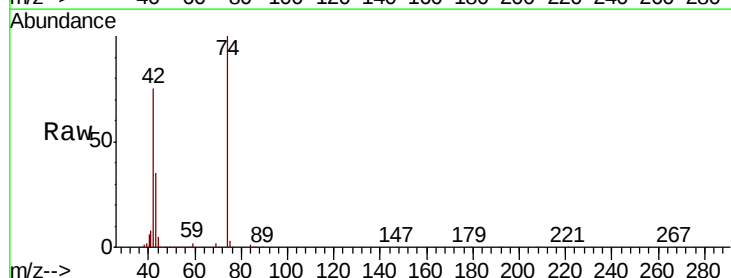
RT: 3.74 min Scan# 111

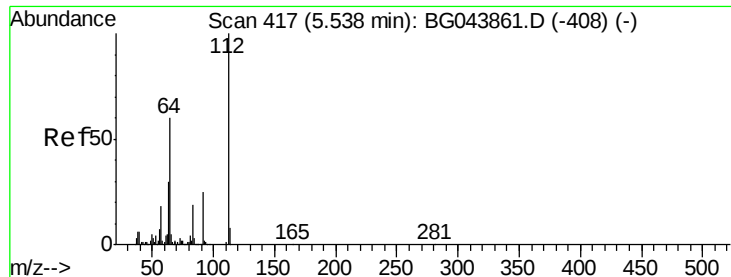
Delta R.T. -0.01 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.6	108.6	162.8
44	6.7	5.0	7.6





#5

2-Fluorophenol

Concen: 97.850 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

Instrument :

BNA_G

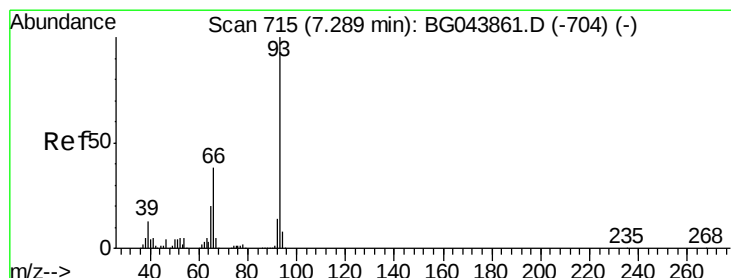
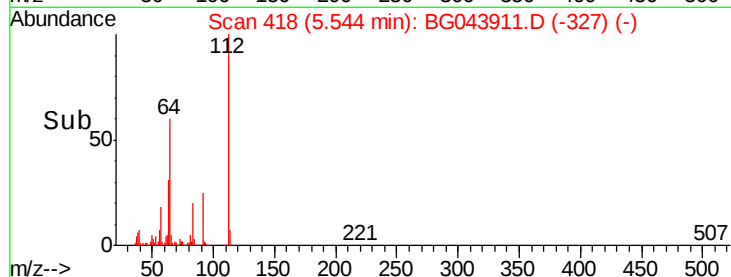
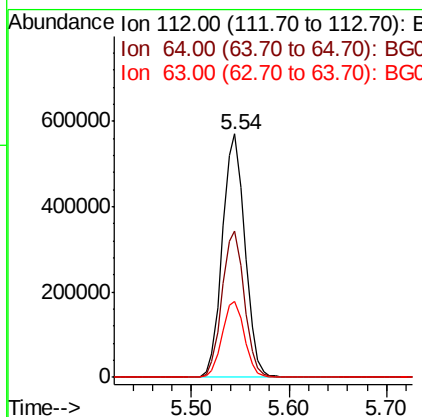
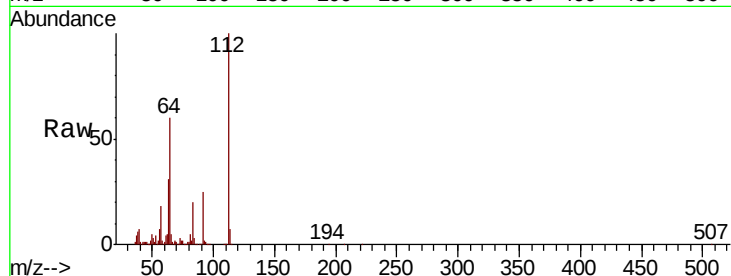
ClientSampleId :

PB125896BSD

Tot Ion:	112	Resp:	912444
Ion Ratio	Lower	Upper	
112	100		
64	60.0	47.8	71.6
63	30.9	24.3	36.5

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#6

Aniline

Concen: 32.947 ng

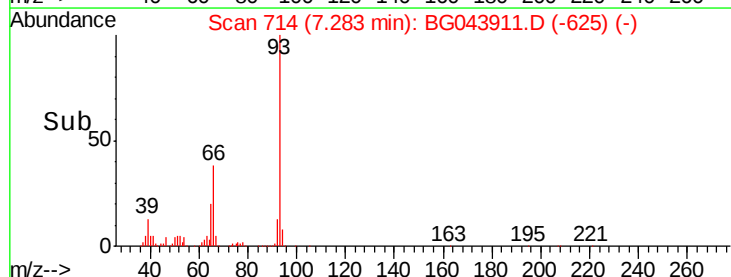
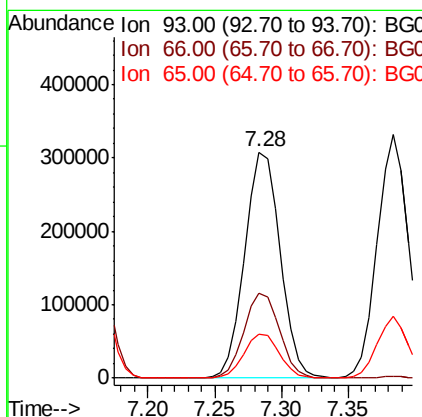
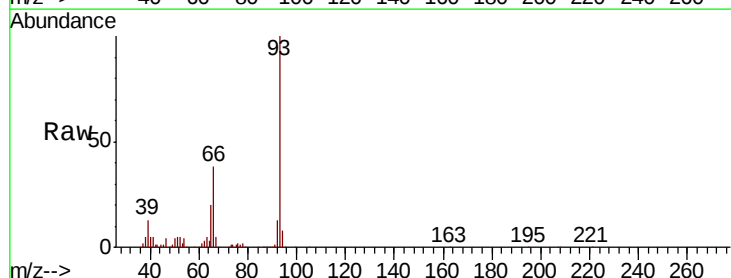
RT: 7.28 min Scan# 714

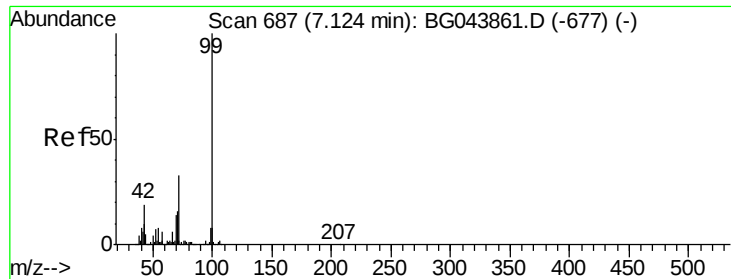
Delta R.T. -0.01 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

Tgt Ion:	93	Resp:	564065
Ion Ratio	Lower	Upper	
93	100		
66	37.5	30.8	46.2
65	19.6	16.0	24.0





#7

Phenol-d6

Concen: 94.315 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

Instrument :

BNA_G

ClientSampleId :

PB125896BSD

Tot Ion: 99 Resp: 1229351

Ion Ratio Lower Upper

99 100

42 19.3 14.9 22.3

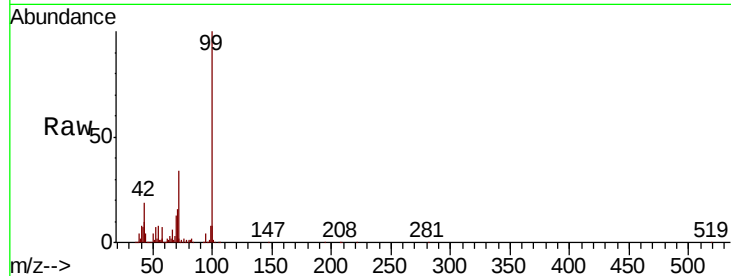
71 33.8 26.4 39.6

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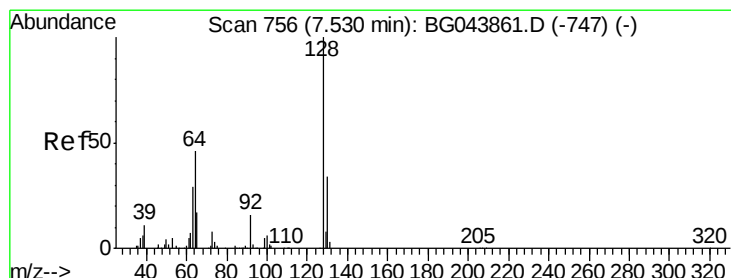
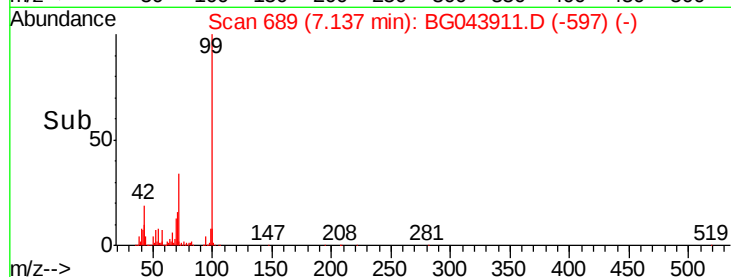
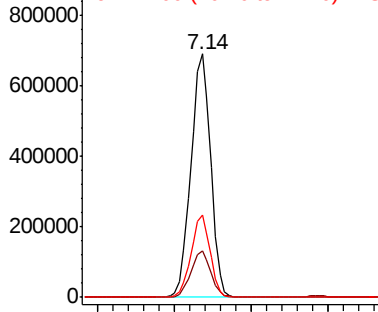
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 52.582 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

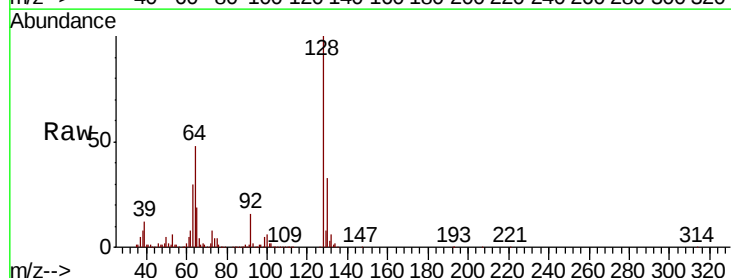
Tgt Ion: 128 Resp: 575625

Ion Ratio Lower Upper

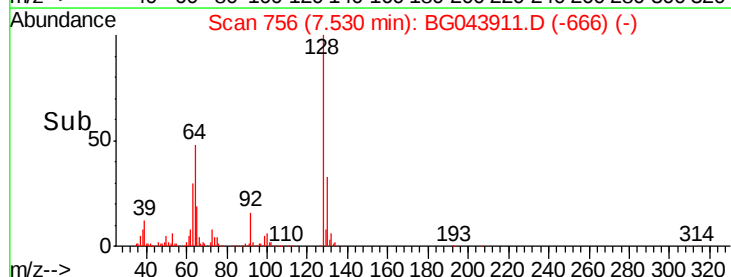
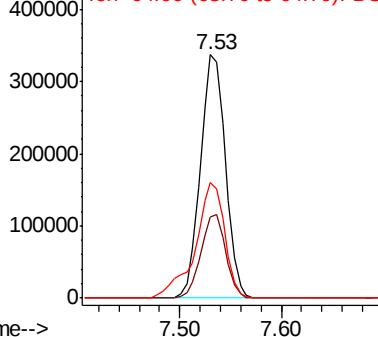
128 100

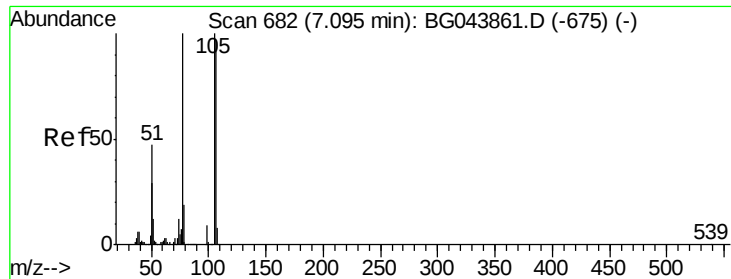
130 33.2 13.8 53.8

64 47.8 27.6 67.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 7.954 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

Instrument :

BNA_G

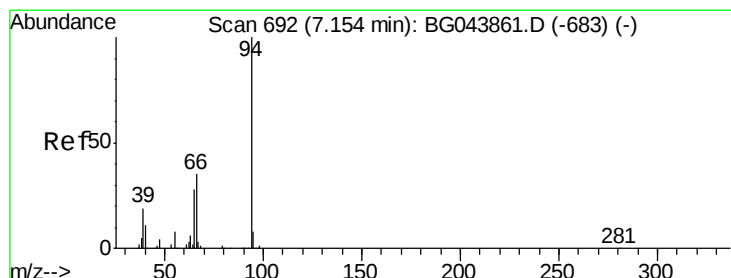
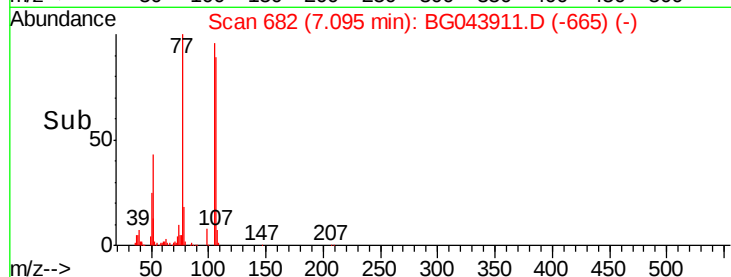
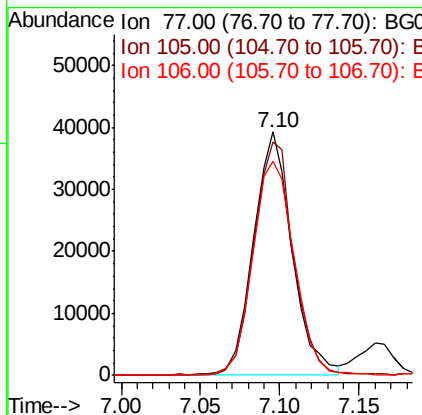
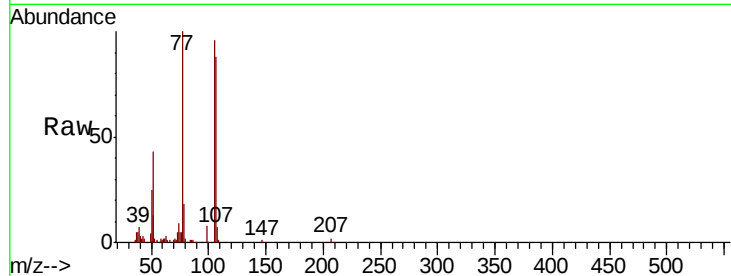
ClientSampleID :

PB125896BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.7	80.2	120.2
106	88.2	77.2	117.2

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#10

Phenol

Concen: 53.489 ng

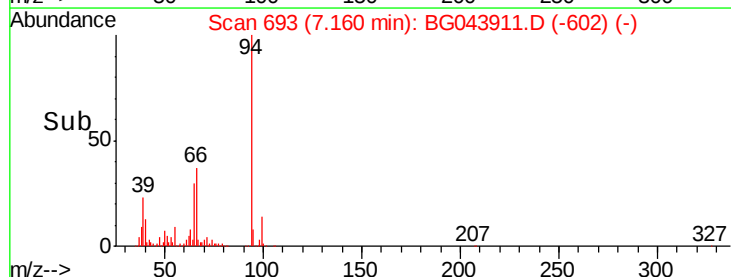
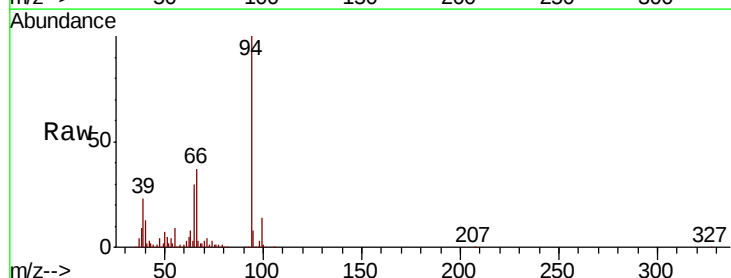
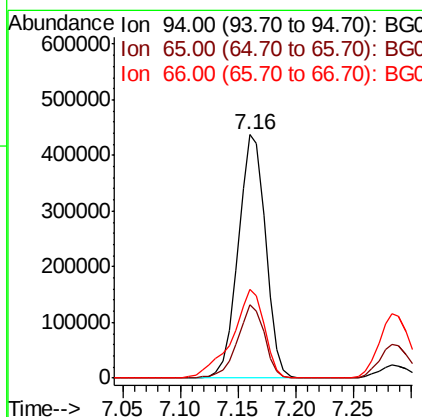
RT: 7.16 min Scan# 693

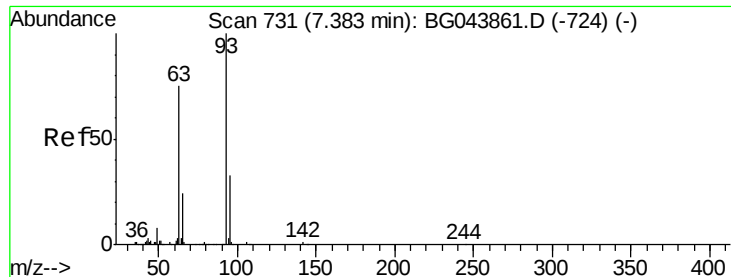
Delta R.T. 0.01 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	8.1	48.1
66	36.7	15.6	55.6





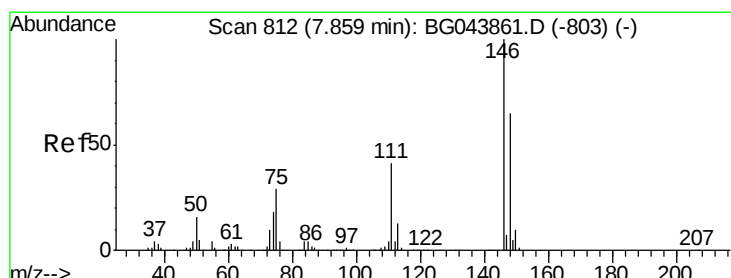
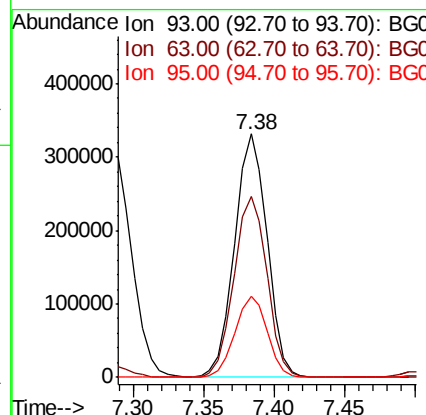
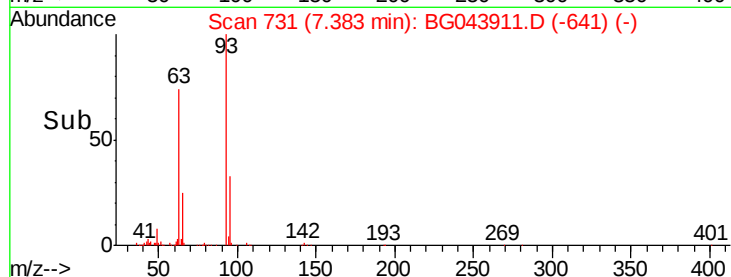
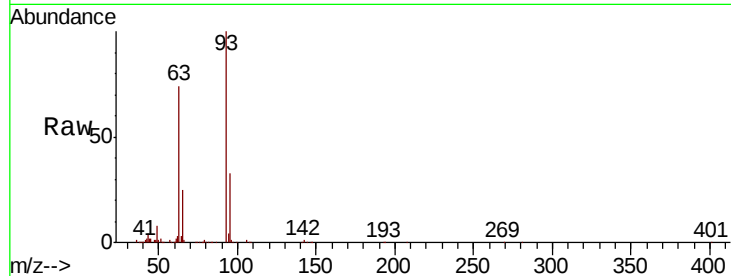
#11
 bis(2-Chloroethyl)ether
 Concen: 45.767 ng
 RT: 7.38 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BG043911.D
 Acq: 4 Jan 2020 7:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125896BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	74.4	55.0	95.0	
95	33.4	13.3	53.3	

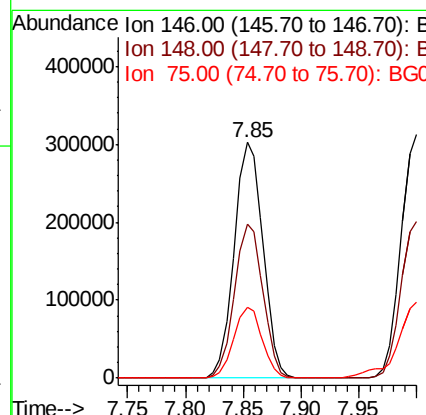
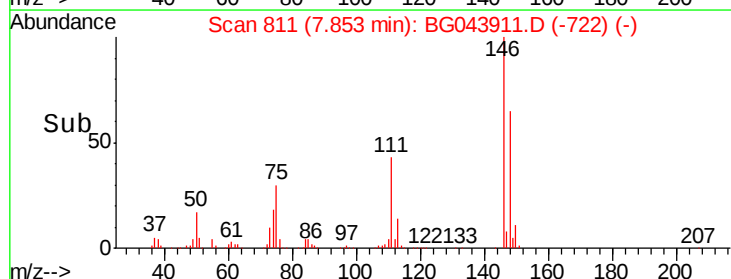
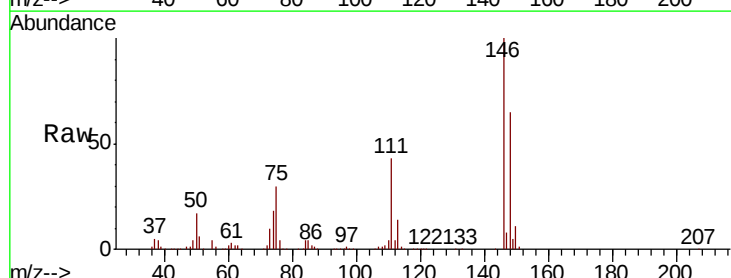
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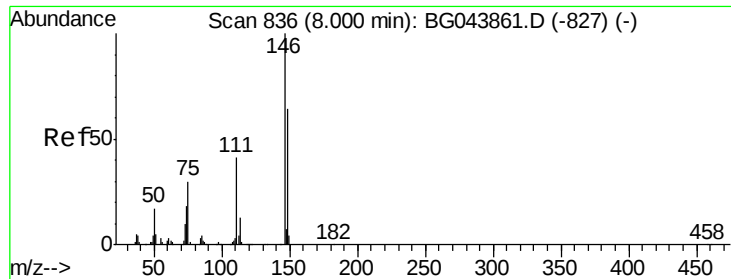
mohammad
 1/6/2020 11:42:01 AM



#12
 1,3-Dichlorobenzene
 Concen: 40.746 ng
 RT: 7.85 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG043911.D
 Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.3	52.1	78.1	
75	30.2	23.0	34.4	





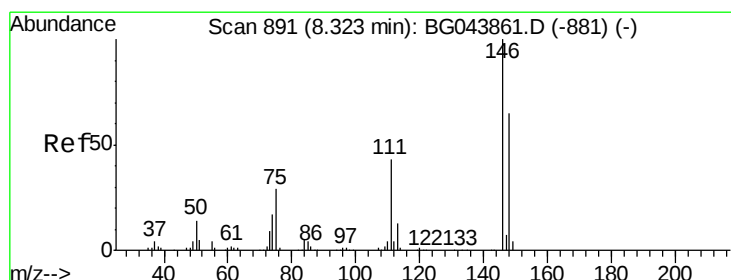
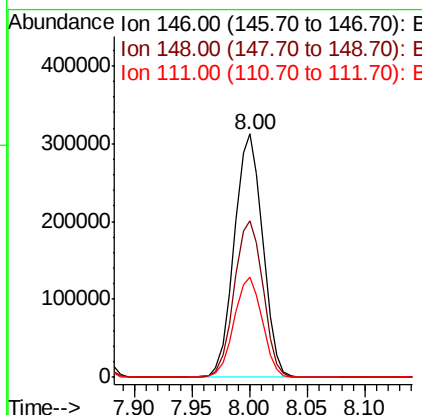
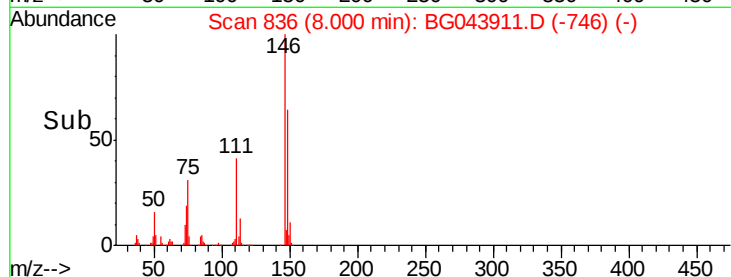
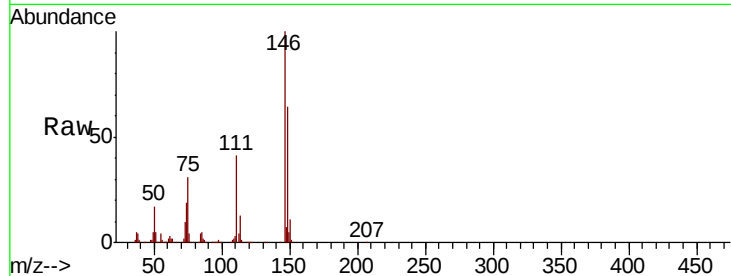
#13
1,4-Dichlorobenzene
Concen: 42.031 ng
RT: 8.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	41.1	33.1	49.7

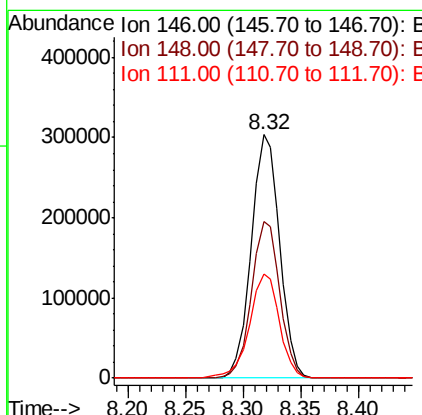
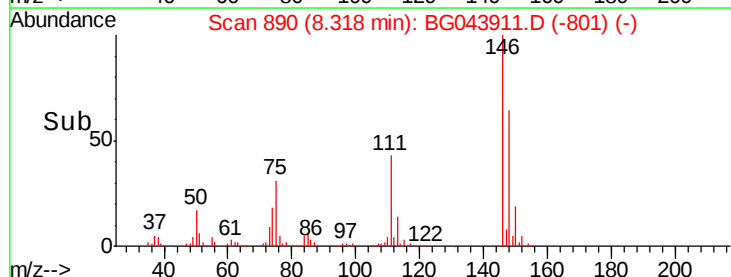
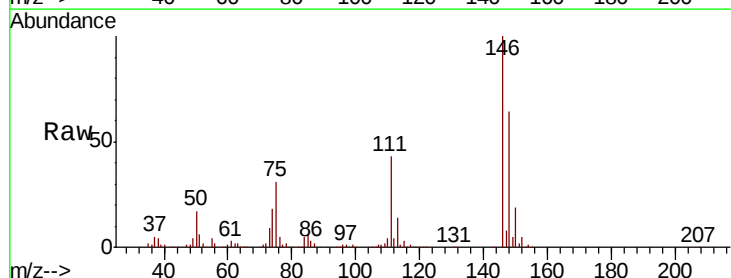
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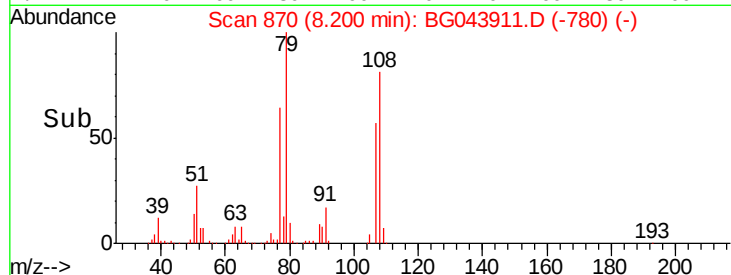
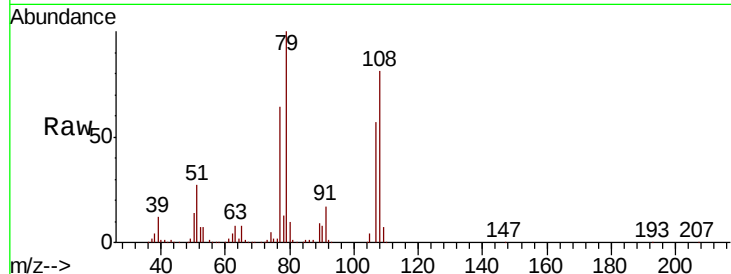
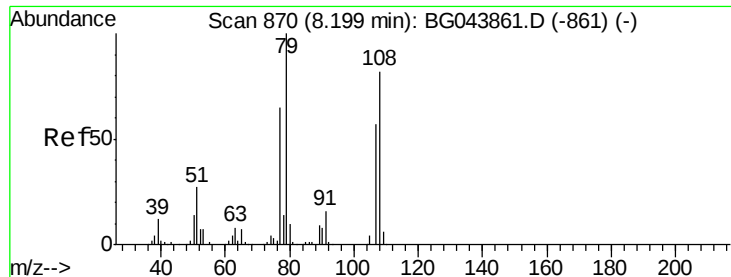
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#14
1,2-Dichlorobenzene
Concen: 42.870 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.7	77.5
111	43.0	34.4	51.6





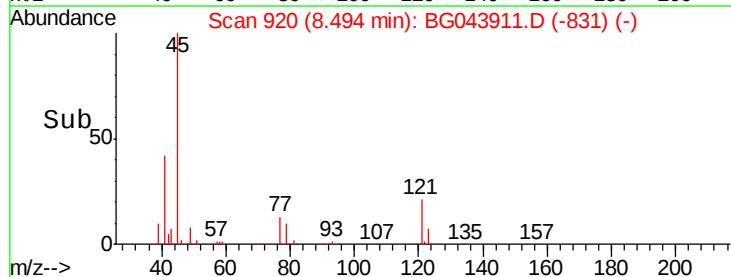
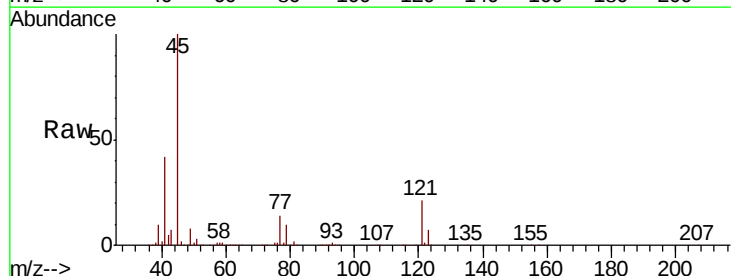
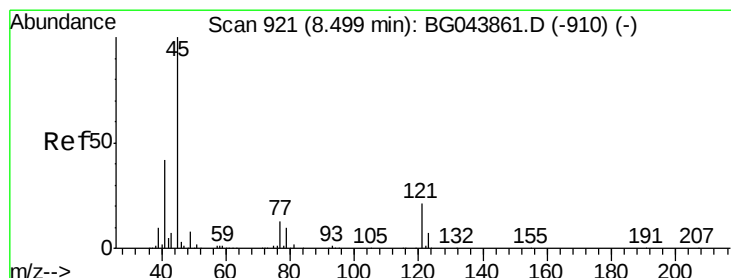
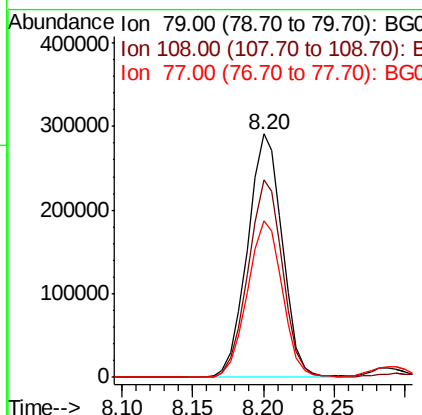
#15
Benzyl Alcohol
Concen: 48.852 ng
RT: 8.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	81.4	65.6	98.4	
77	64.2	52.0	78.0	

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

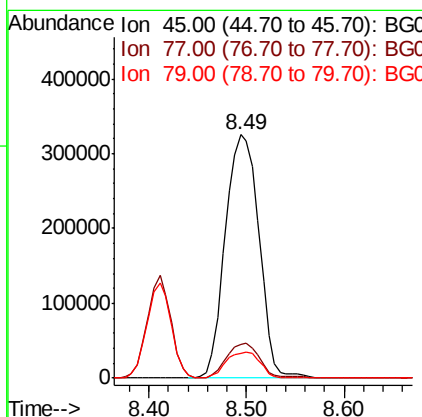
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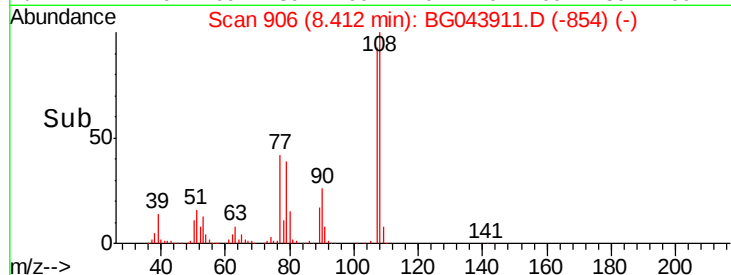
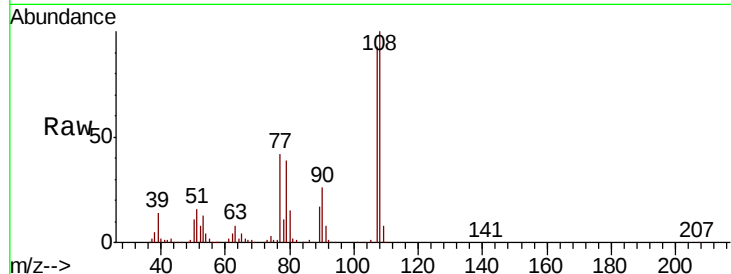
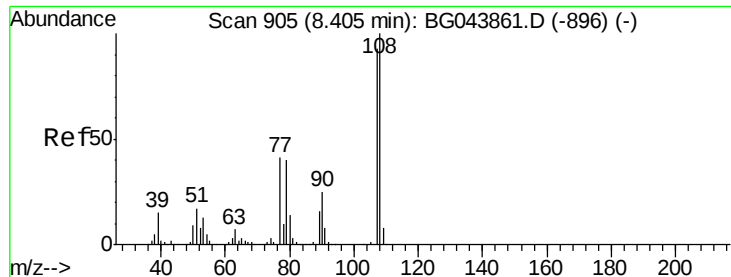
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.511 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.0	0.0	33.8	
79	10.2	0.0	31.0	





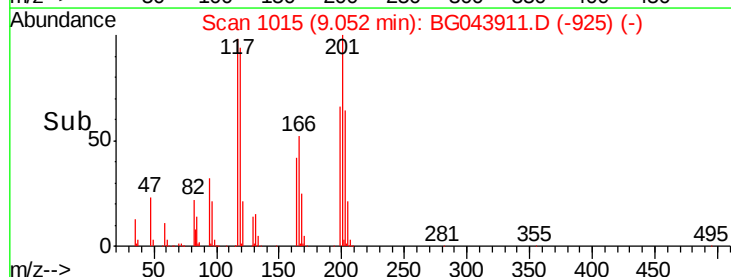
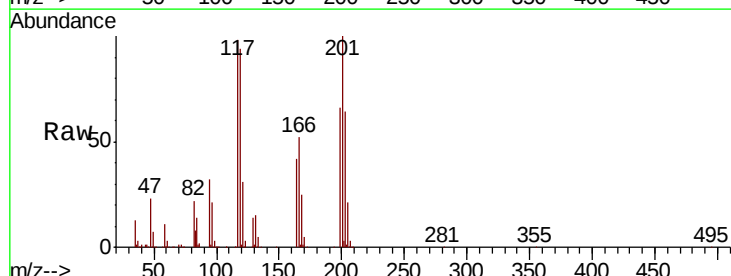
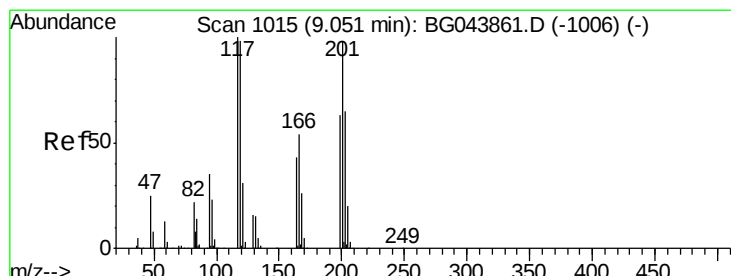
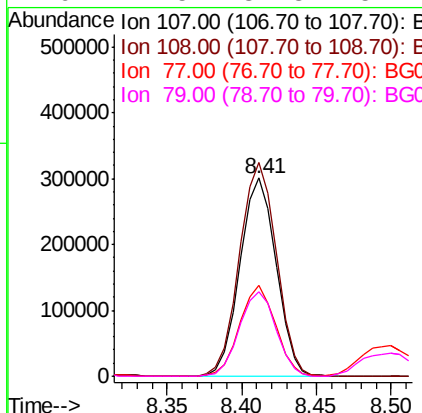
#17
2-Methylphenol
Concen: 52.209 ng
RT: 8.41 min Scan# 906
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tot Ion:	107	Resp:	507392
Ion Ratio	Lower	Upper	
107	100		
108	107.7	86.1	129.1
77	45.7	35.4	53.0
79	42.5	34.8	52.2

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

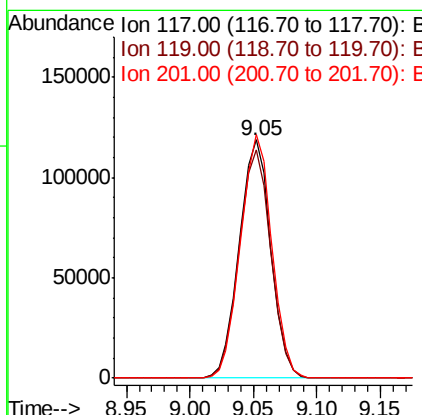
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#18
Hexachloroethane
Concen: 41.744 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion:	117	Resp:	205310
Ion Ratio	Lower	Upper	
117	100		
119	95.7	78.1	117.1
201	102.3	78.6	117.8





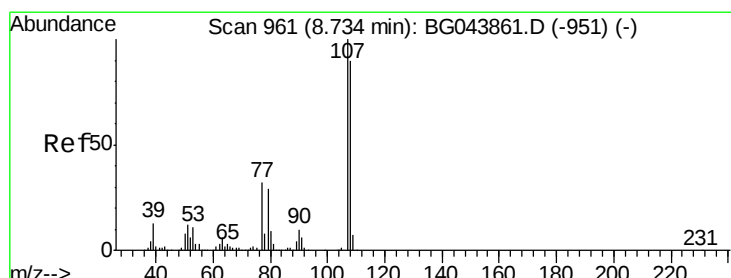
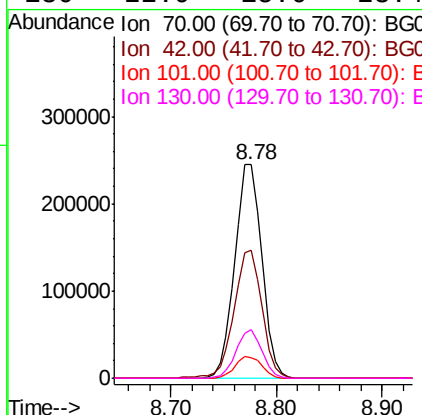
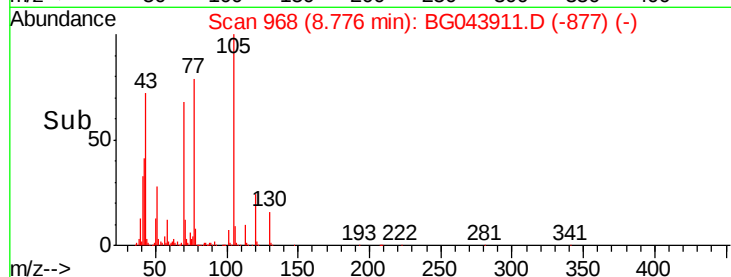
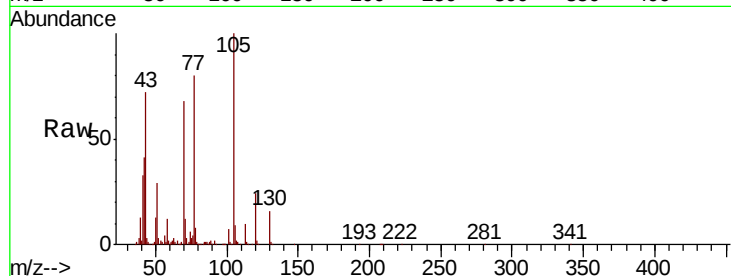
#19
n-Nitroso-di-n-propylamine
Concen: 44.576 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.8	47.0	70.4	
101	9.8	7.2	10.8	
130	22.9	15.6	23.4	

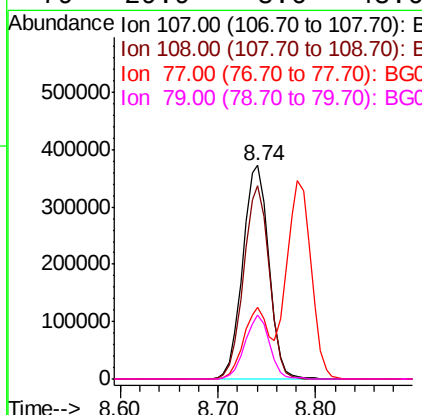
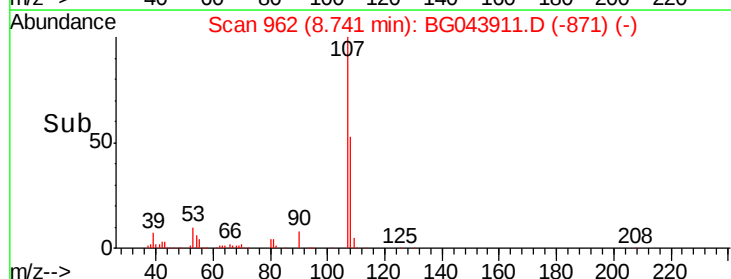
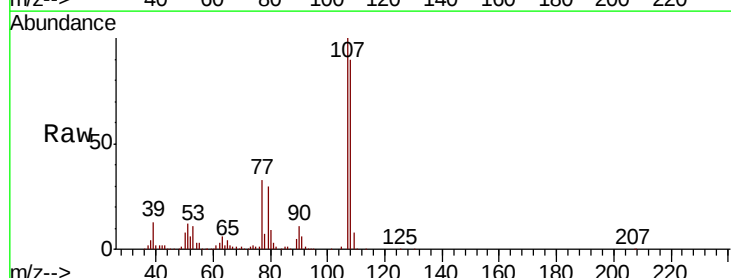
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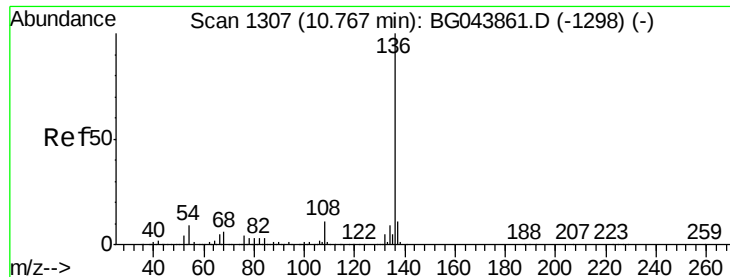
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#20
3+4-Methylphenols
Concen: 51.571 ng
RT: 8.74 min Scan# 962
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	70.3	110.3	
77	33.3	12.4	52.4	
79	29.9	8.6	48.6	





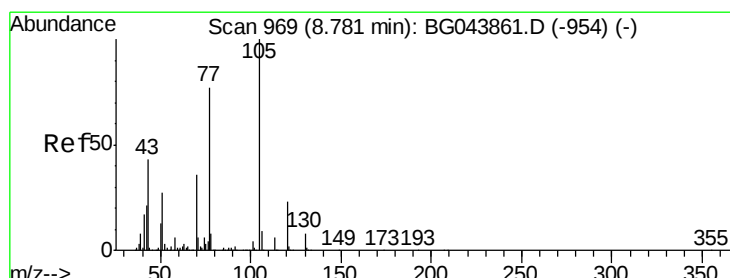
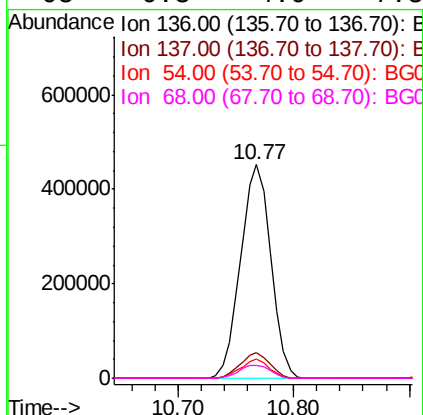
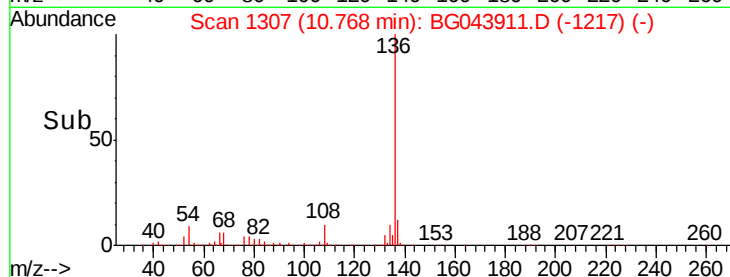
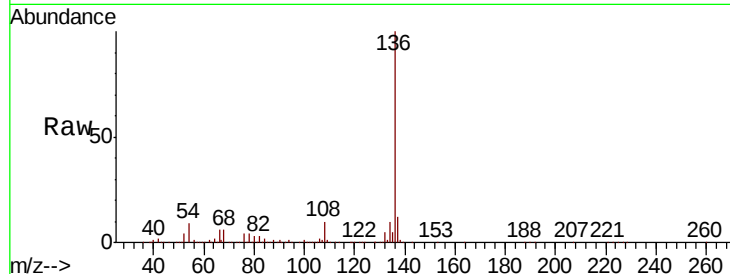
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	821337		
137	11.7	8.8	13.2	
54	8.7	7.0	10.4	
68	6.3	4.9	7.3	

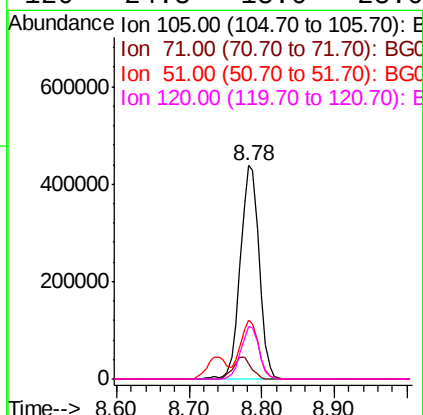
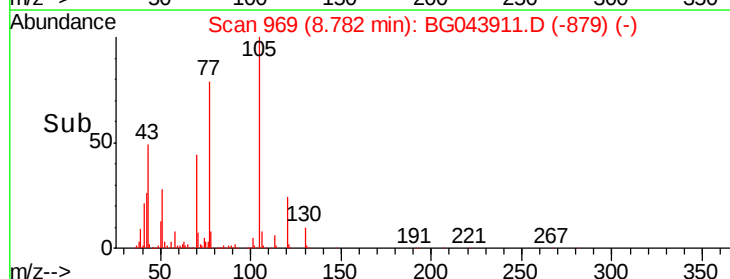
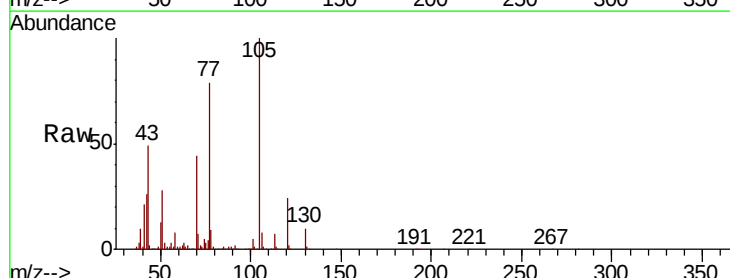
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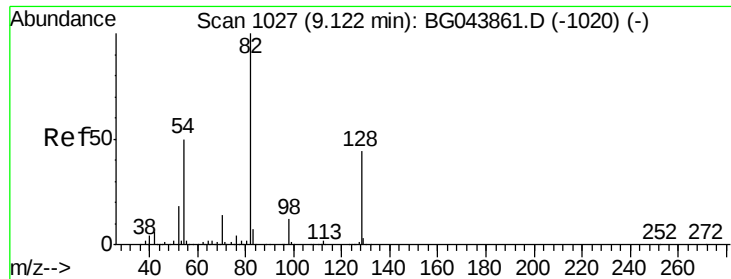
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#22
Acetophenone
Concen: 38.584 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	787855		
71	7.2	4.8	7.2	
51	27.9	21.4	32.0	
120	24.3	18.6	28.0	





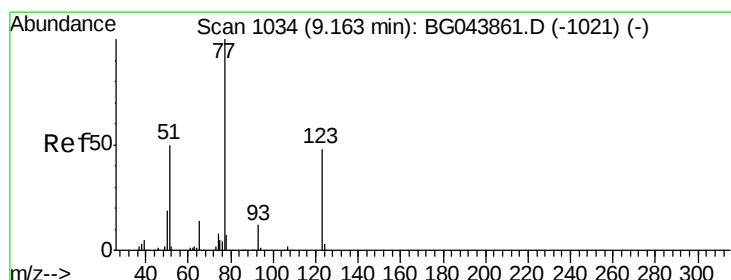
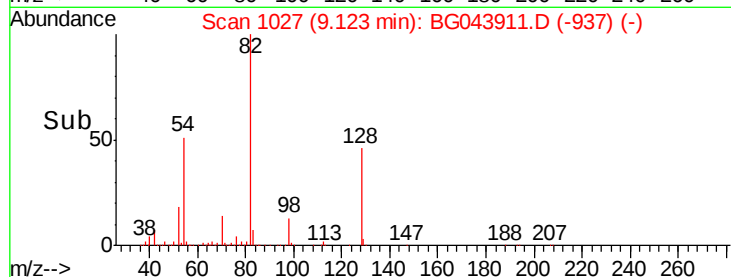
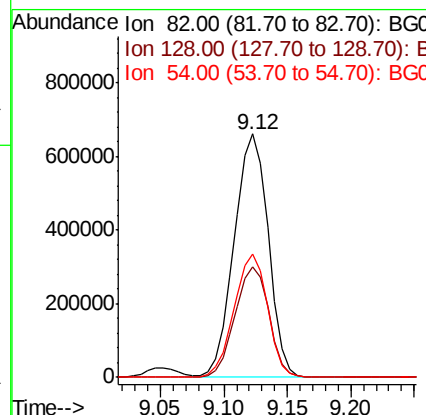
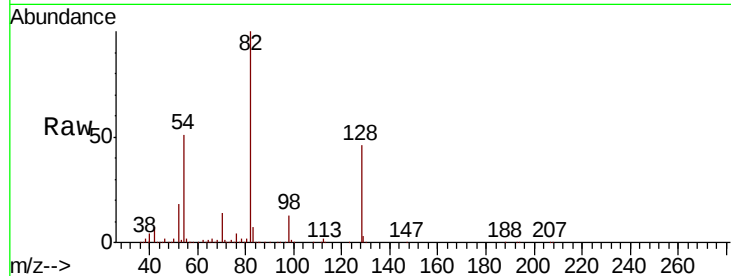
#23
 Nitrobenzene-d5
 Concen: 79.982 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG043911.D
 Acq: 4 Jan 2020 7:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125896BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.1	52.7
54	50.9	40.1	60.1

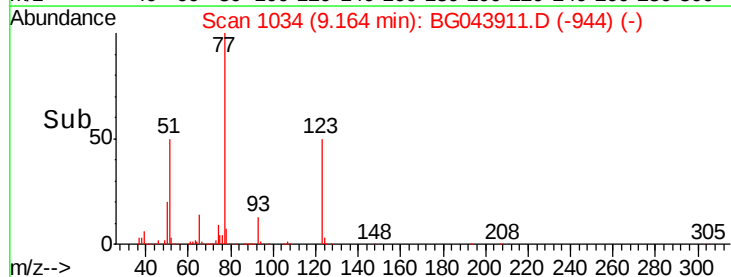
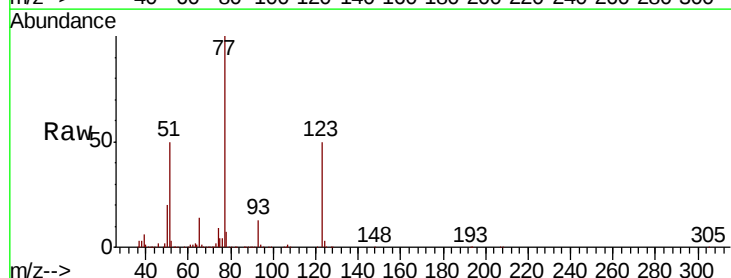
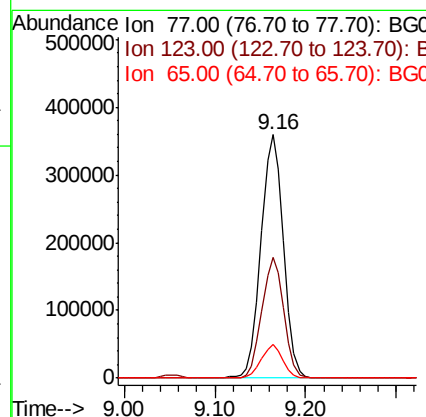
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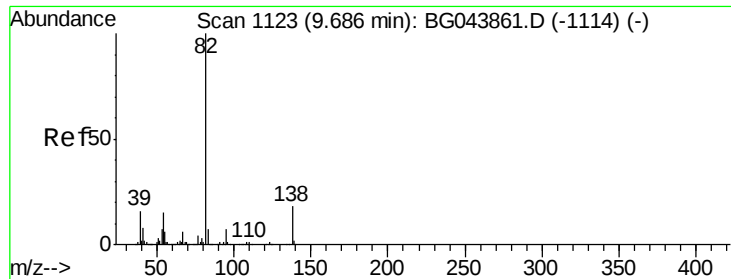
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#24
 Nitrobenzene
 Concen: 40.489 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BG043911.D
 Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	38.7	58.1
65	14.1	11.1	16.7





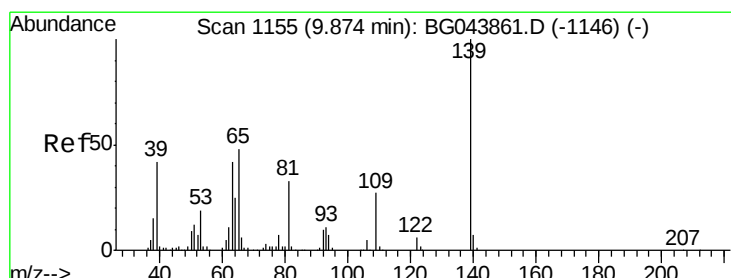
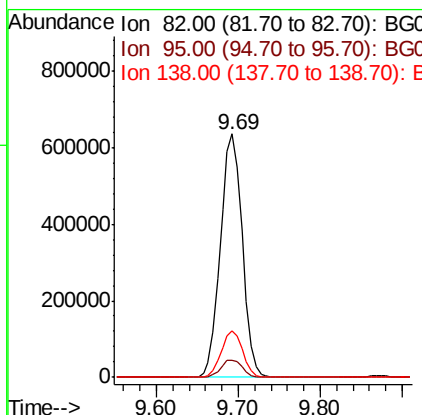
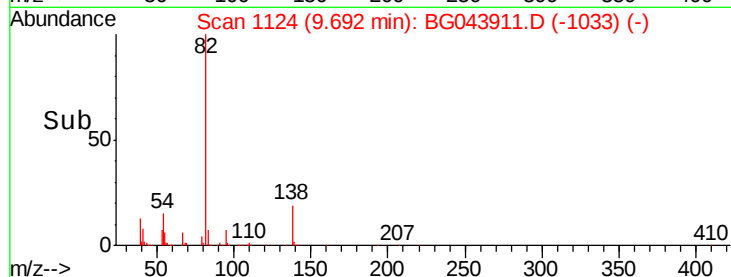
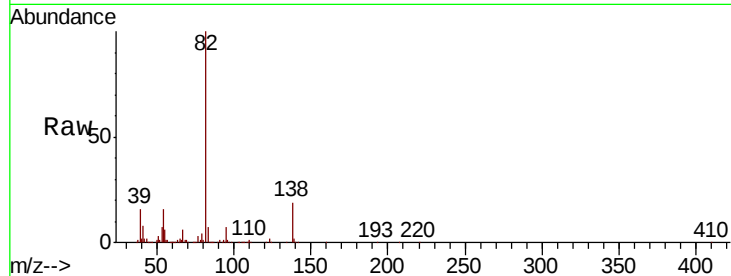
#25
Isophorone
Concen: 41.037 ng
RT: 9.69 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion: 82 Resp: 1182037
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 19.3 14.6 22.0

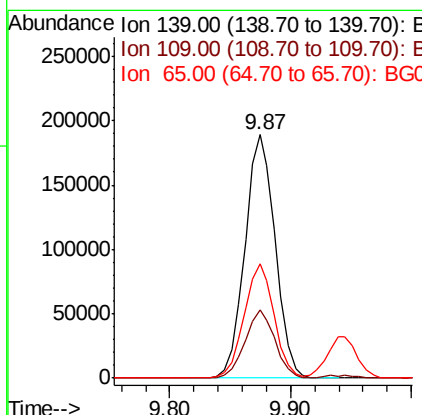
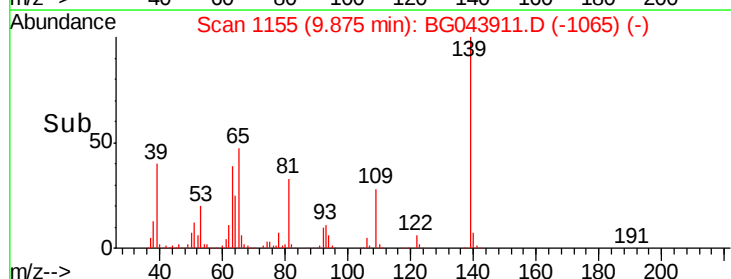
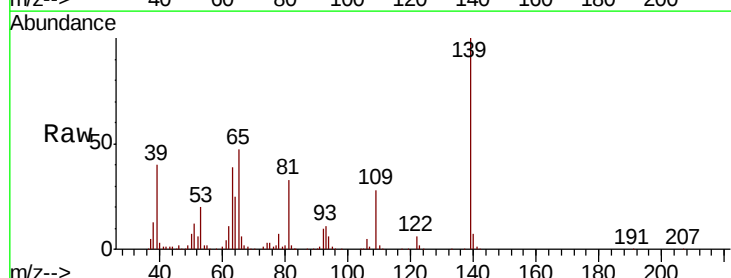
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#26
2-Nitrophenol
Concen: 45.695 ng
RT: 9.87 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion: 139 Resp: 328743
Ion Ratio Lower Upper
139 100
109 27.9 21.3 31.9
65 47.2 38.6 57.8





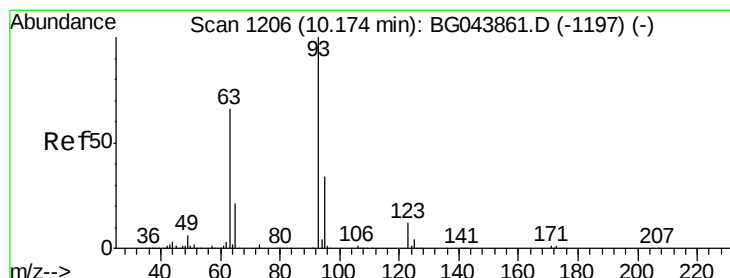
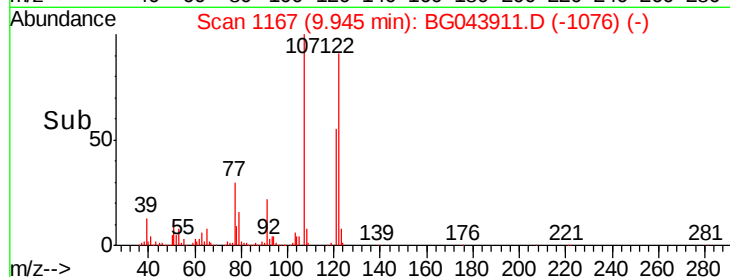
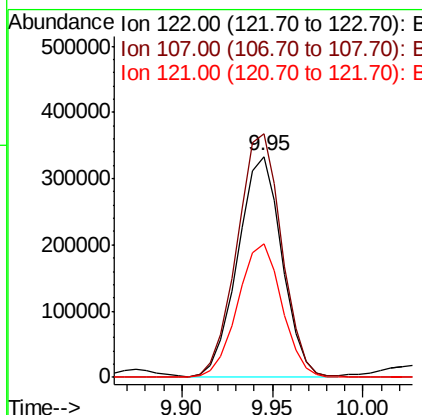
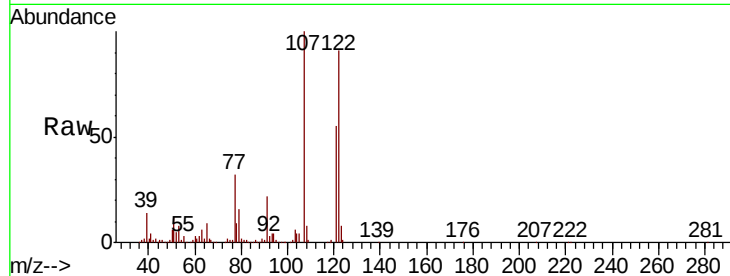
#27
 2,4-Dimethylphenol
 Concen: 51.968 ng
 RT: 9.95 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BG043911.D
 Acq: 4 Jan 2020 7:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125896BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	562791		
107	110.2	88.0	132.0	
121	60.5	49.0	73.4	

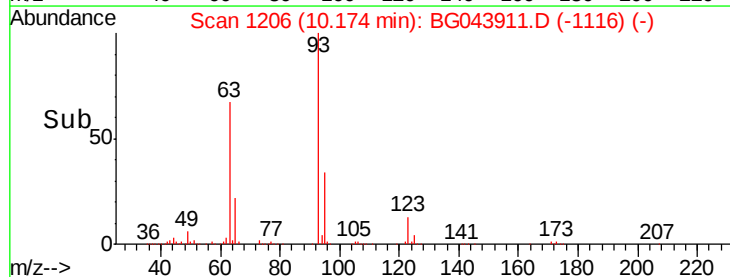
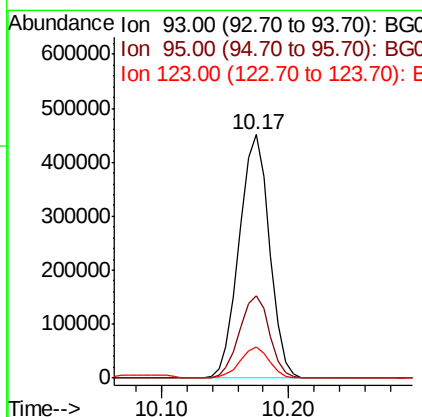
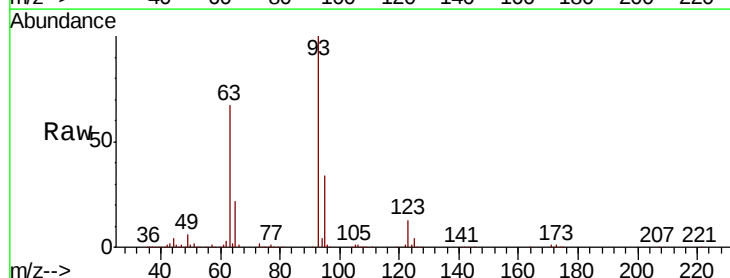
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.936 ng
 RT: 10.17 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BG043911.D
 Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	747688		
95	33.9	27.2	40.8	
123	12.5	9.7	14.5	





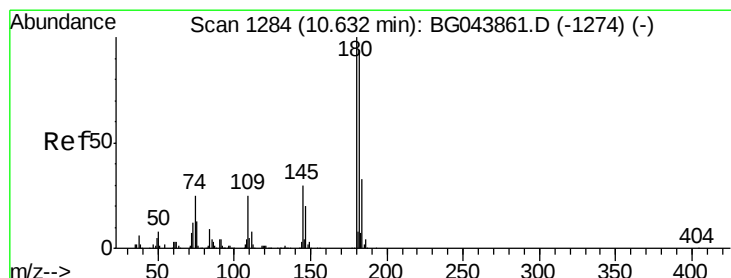
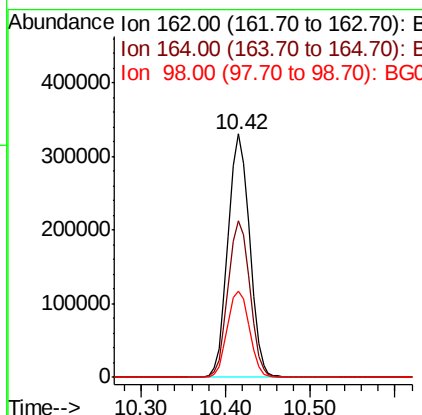
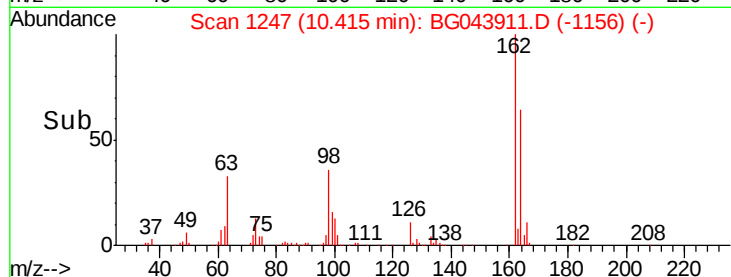
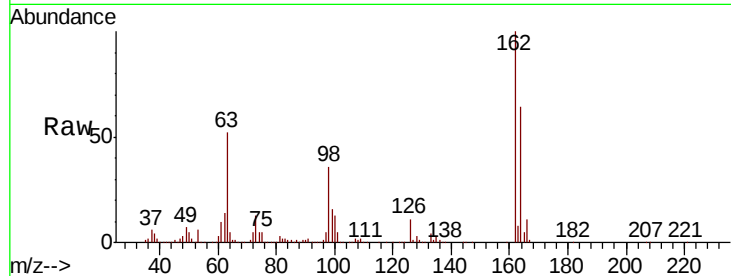
#29
2,4-Dichlorophenol
Concen: 45.109 ng
RT: 10.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	582718		
164	64.1	46.3	86.3	
98	35.6	17.3	57.3	

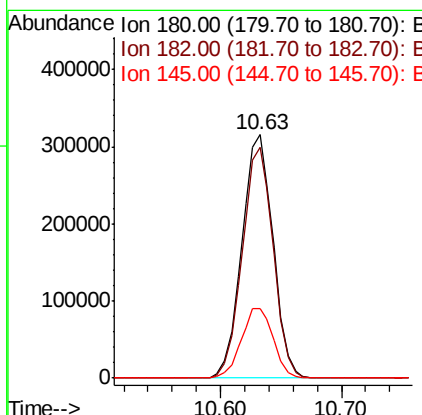
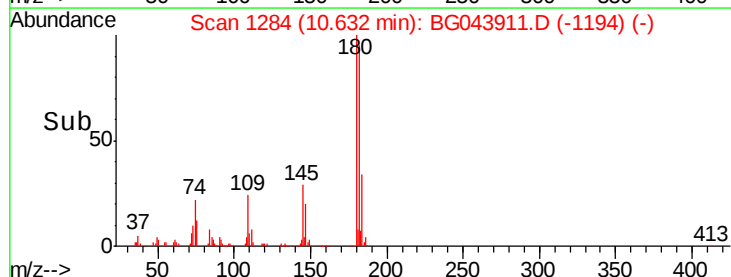
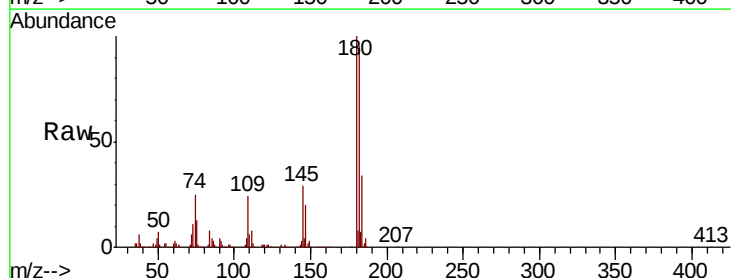
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#30
1,2,4-Trichlorobenzene
Concen: 38.956 ng
RT: 10.63 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	564249		
182	95.0	75.0	112.4	
145	28.7	24.2	36.4	





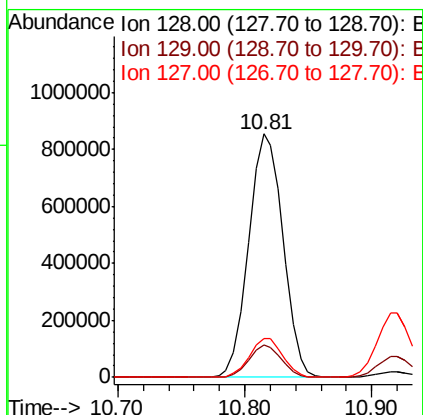
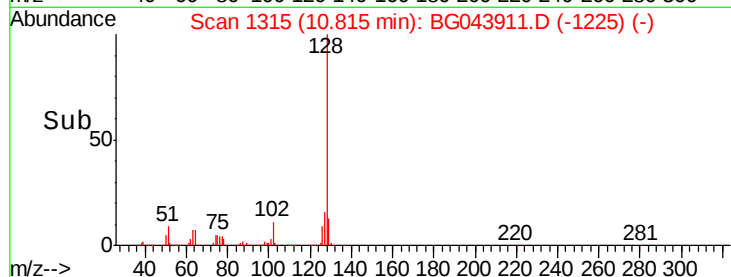
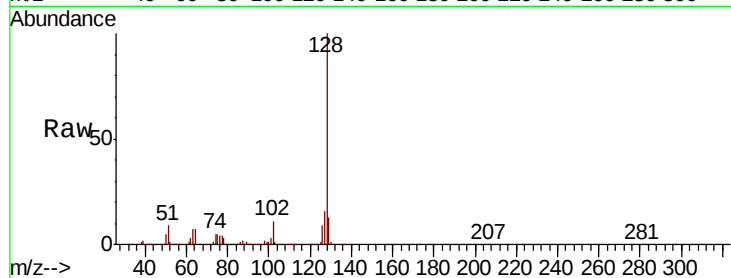
#31
Naphthalene
Concen: 40.530 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.8	14.6
127	16.0	12.0	18.0

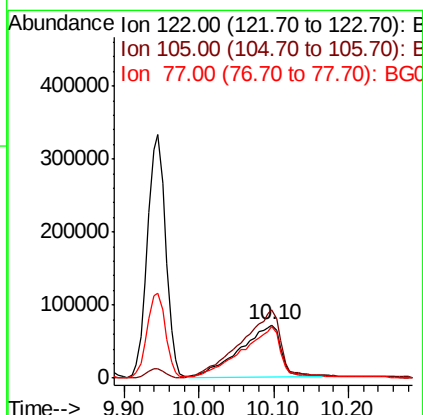
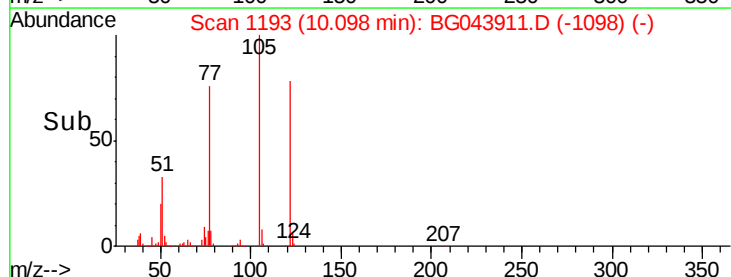
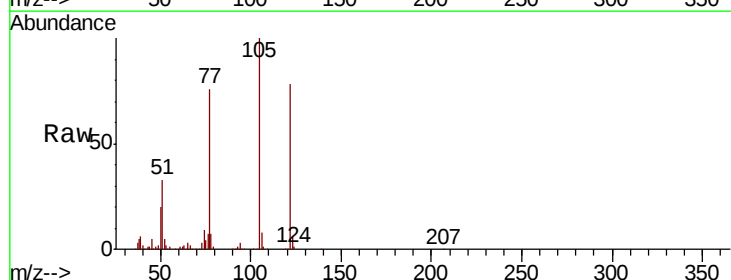
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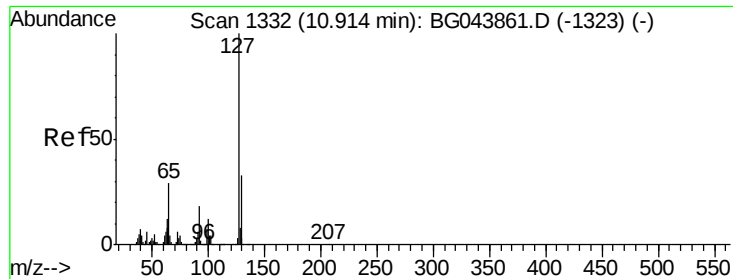
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#32
Benzoic acid
Concen: 33.317 ng
RT: 10.10 min Scan# 1193
Delta R.T. 0.03 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.4	106.4	146.4
77	96.7	74.6	114.6





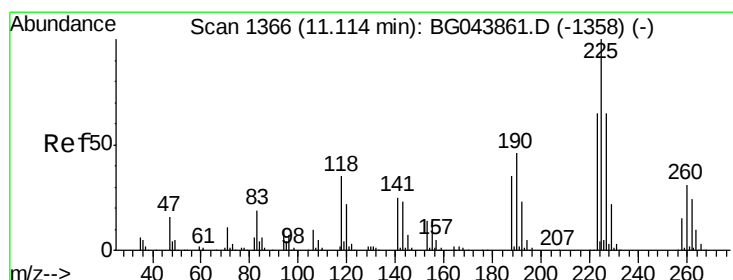
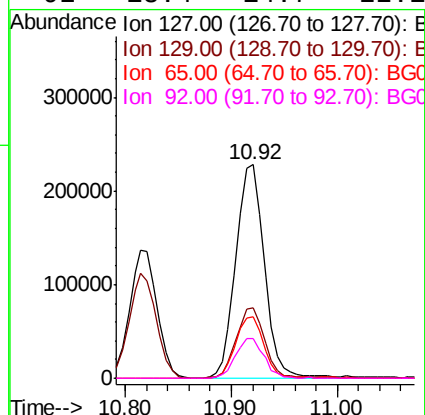
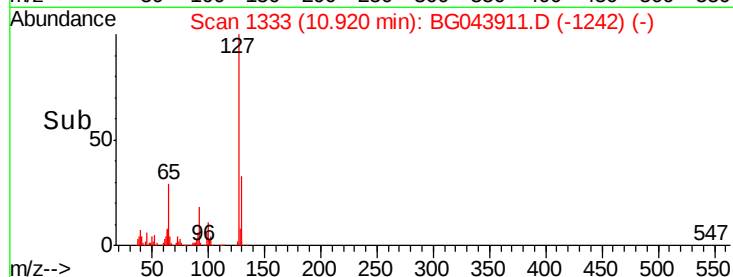
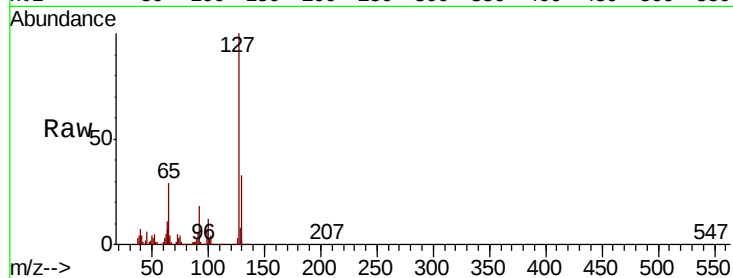
#33
4-Chloroaniline
Concen: 22.499 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.6	40.0		
65	29.0	23.3	34.9		
92	18.4	14.7	22.1		

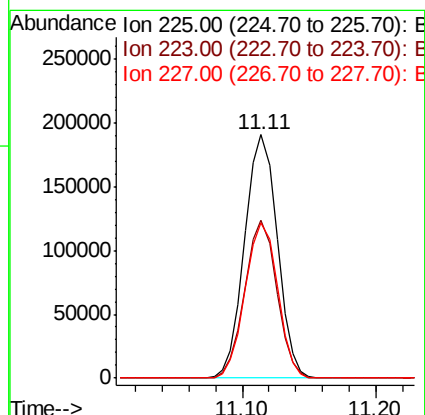
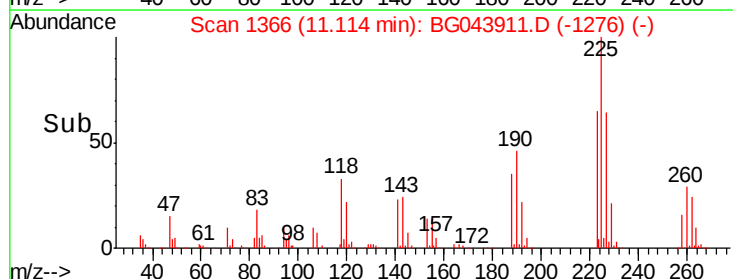
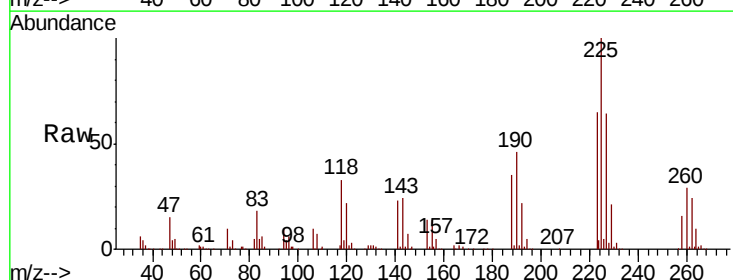
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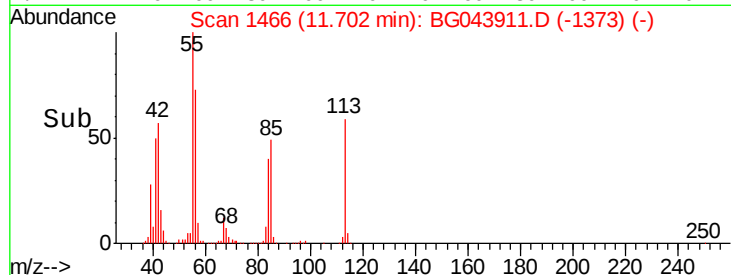
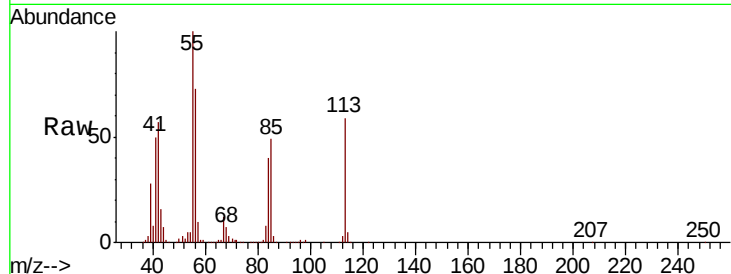
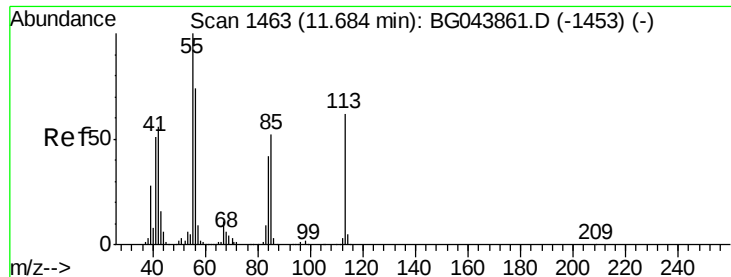
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#34
Hexachlorobutadiene
Concen: 36.541 ng
RT: 11.11 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.0	52.2	78.4		
227	63.6	52.1	78.1		





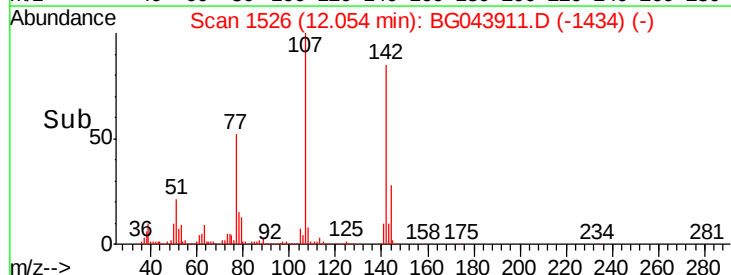
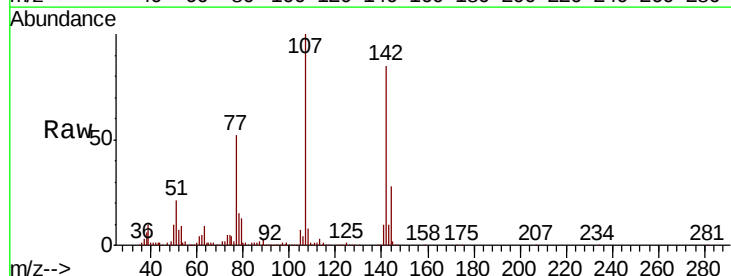
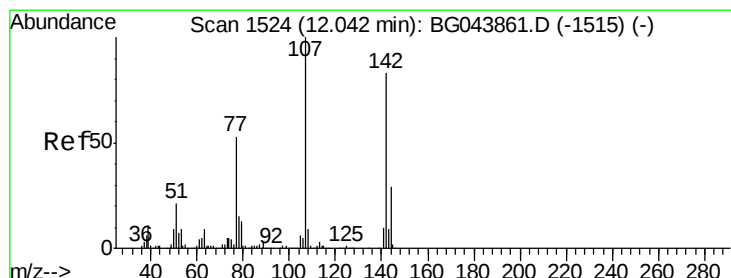
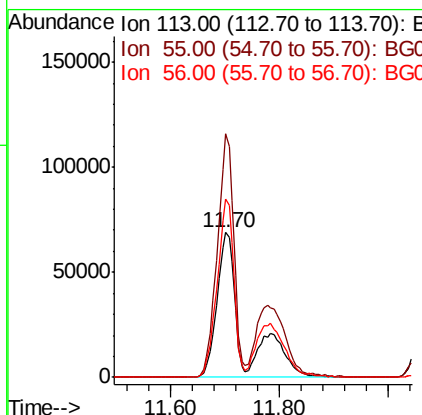
#35
Caprolactam
Concen: 47.045 ng/ml
RT: 11.70 min Scan# 1466
Delta R.T. 0.02 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.4	142.5	182.5
56	123.7	101.4	141.4

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

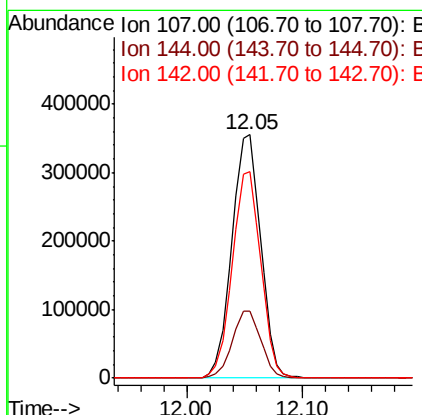
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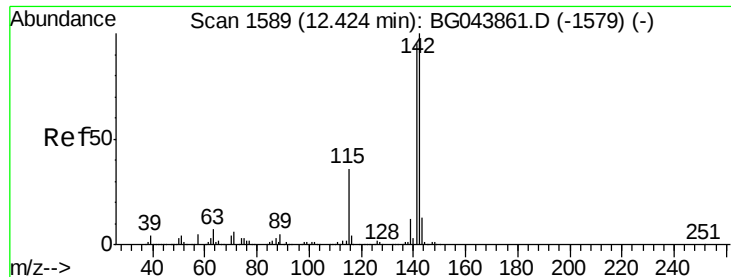
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#36
4-Chloro-3-methylphenol
Concen: 44.916 ng
RT: 12.05 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	23.4	35.2
142	84.6	66.3	99.5





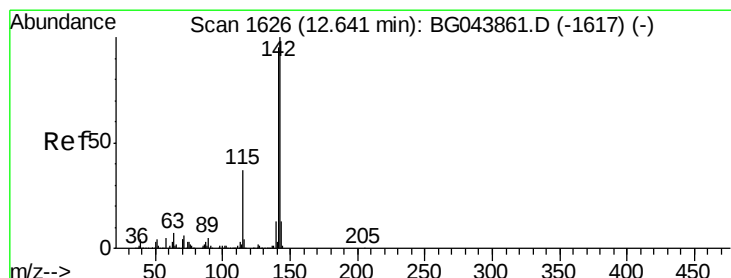
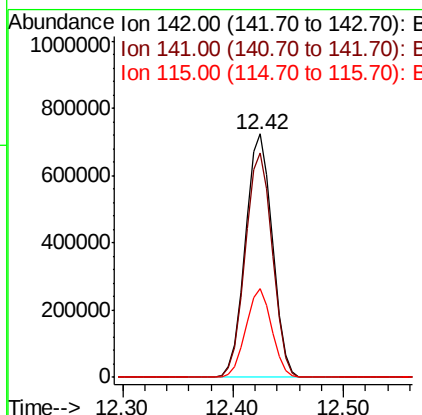
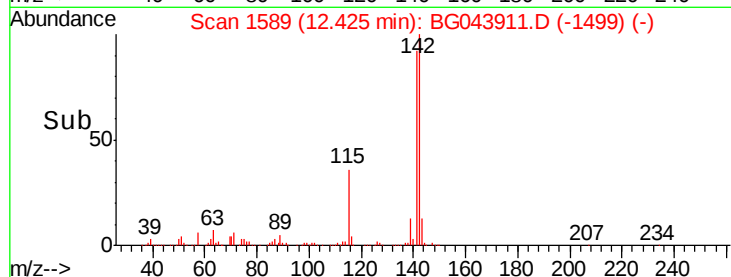
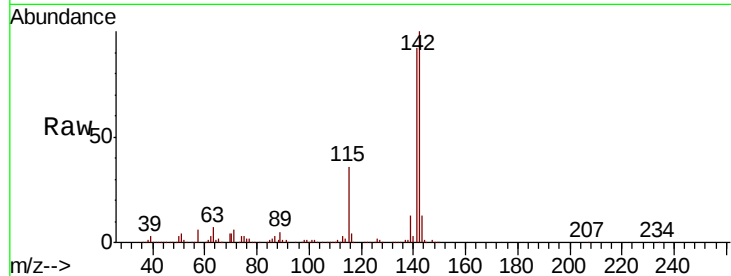
#37
2-Methylnaphthalene
Concen: 41.645 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.8	113.8
115	36.5	28.6	42.8

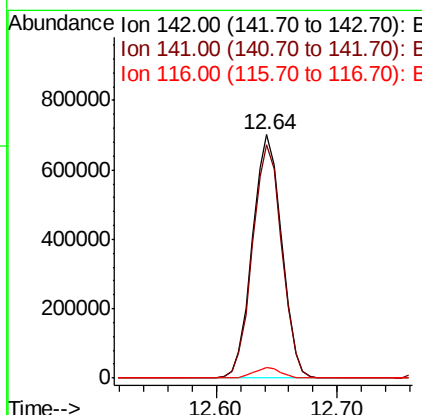
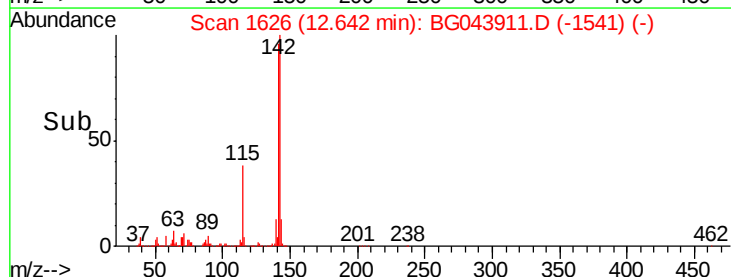
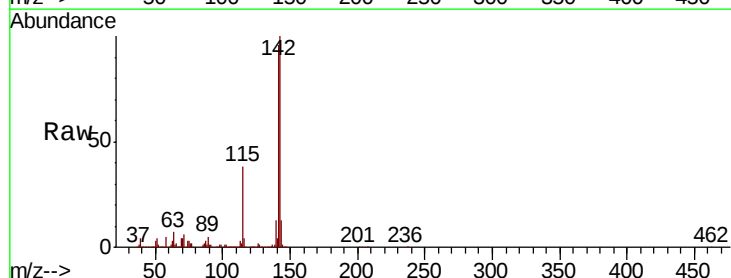
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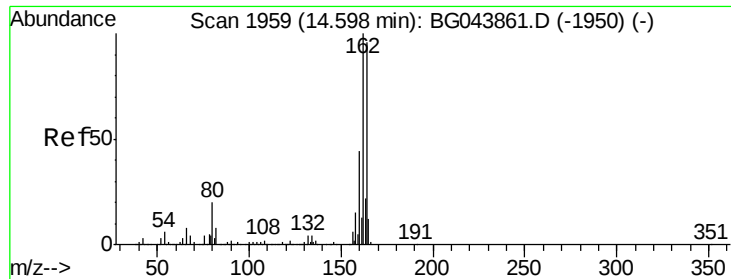
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#38
1-Methylnaphthalene
Concen: 41.828 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	76.0	114.0
116	4.2	3.1	4.7





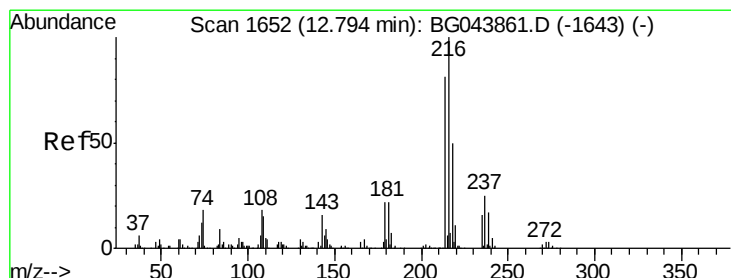
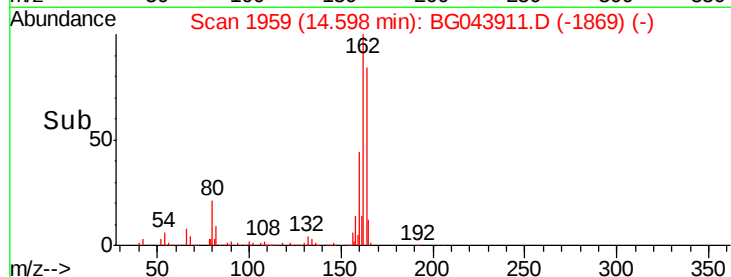
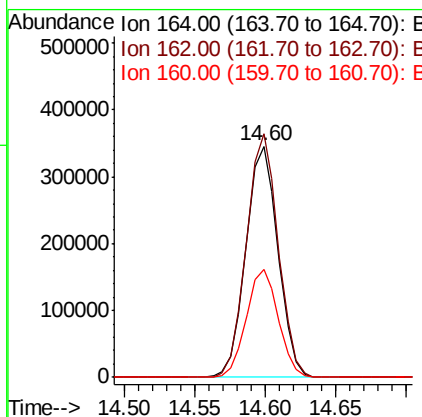
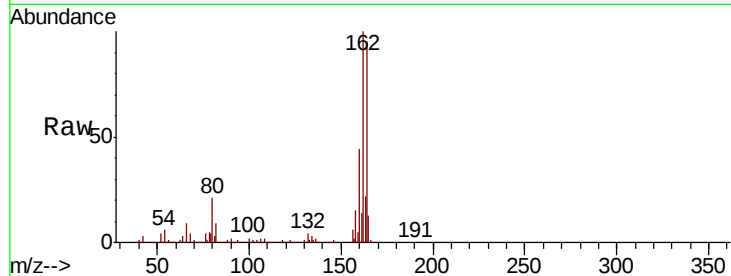
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.5	83.0	124.4	
160	46.6	36.1	54.1	

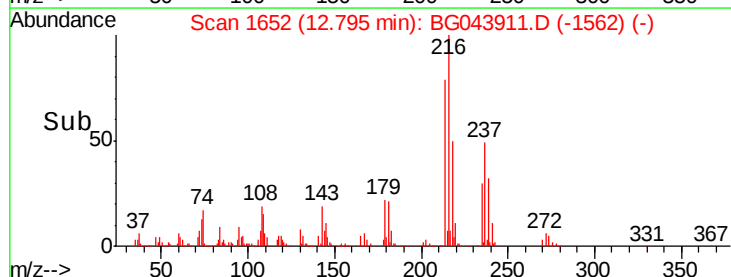
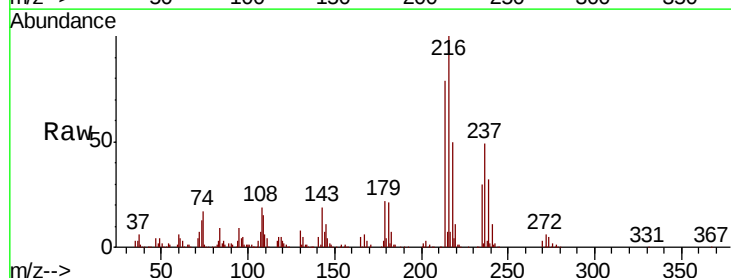
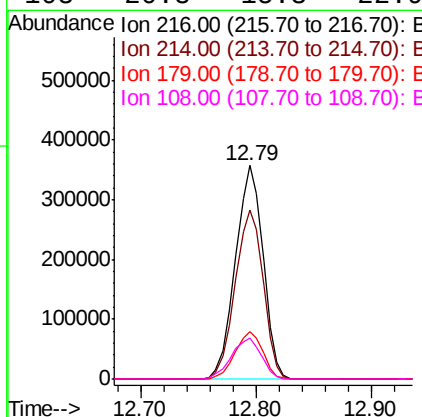
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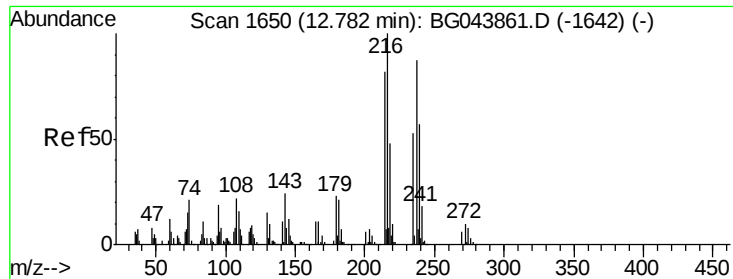
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.646 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.1	63.8	95.8	
179	22.2	17.3	25.9	
108	20.8	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 70.981 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

Instrument :

BNA_G

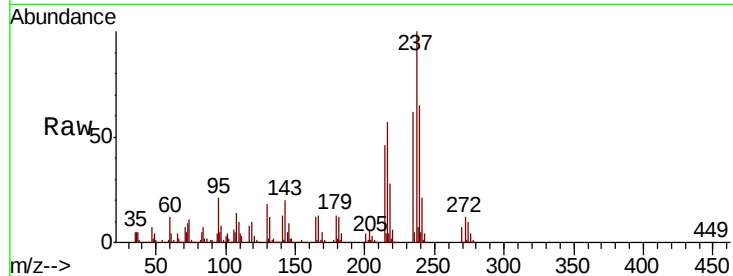
ClientSampleId :

PB125896BSD

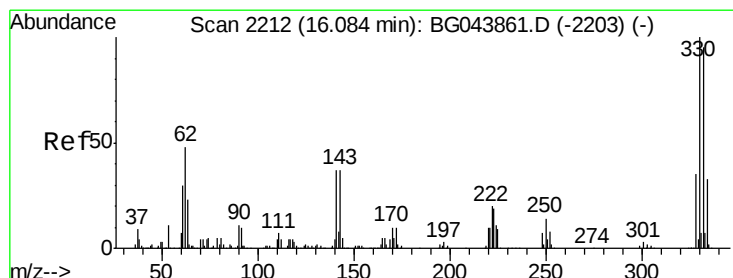
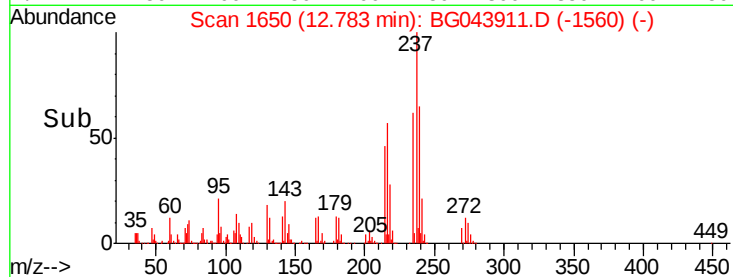
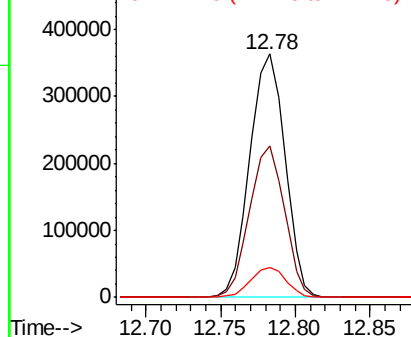
Tot Ion:	237	Resp:	594382
Ion Ratio	Lower	Upper	
237	100		
235	62.3	41.1	81.1
272	12.4	0.0	31.7

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



#42

2,4,6-Tribromophenol

Concen: 79.442 ng

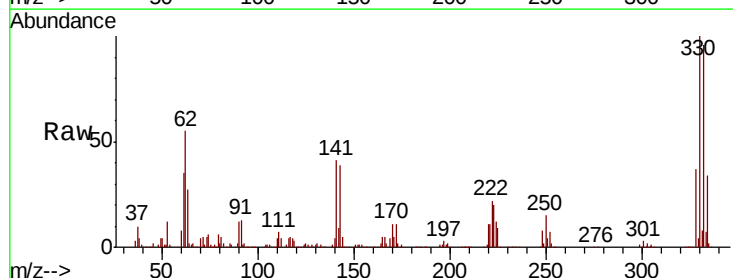
RT: 16.08 min Scan# 2212

Delta R.T. 0.00 min

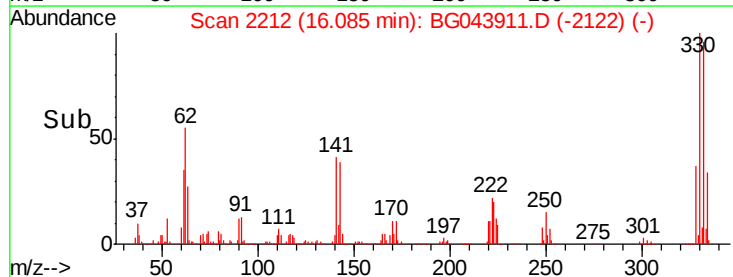
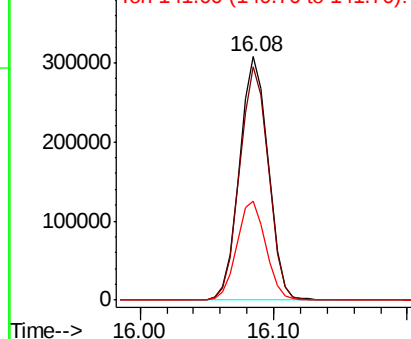
Lab File: BG043911.D

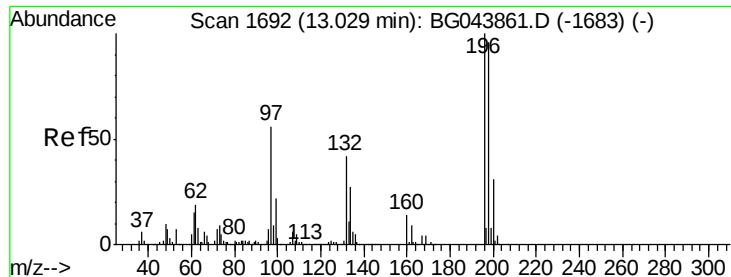
Acq: 4 Jan 2020 7:40

Tgt Ion:	330	Resp:	458132
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.2	115.8
141	41.2	33.1	49.7



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





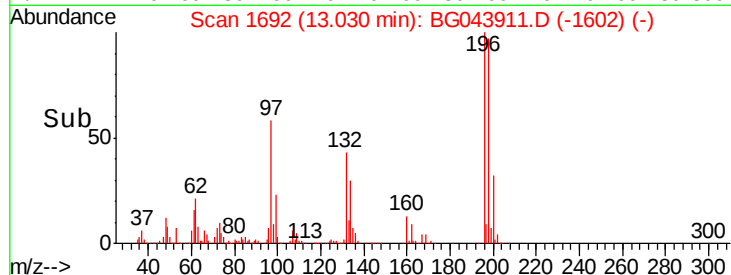
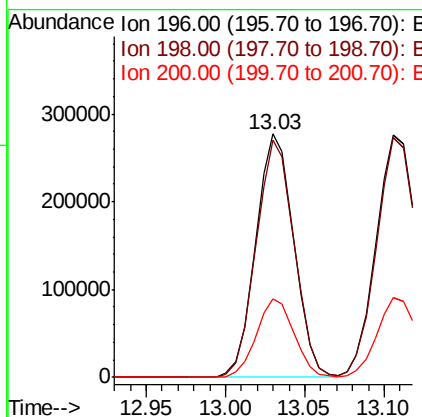
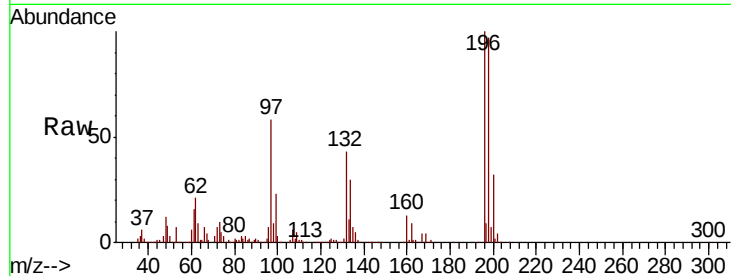
#43
 2,4,6-Trichlorophenol
 Concen: 41.639 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG043911.D
 Acq: 4 Jan 2020 7:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125896BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	462773		
198	97.3	76.6	115.0	
200	32.4	24.6	37.0	

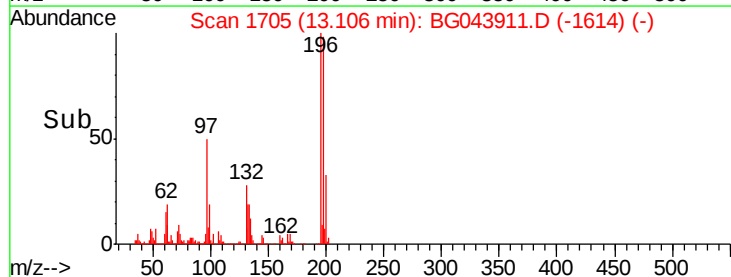
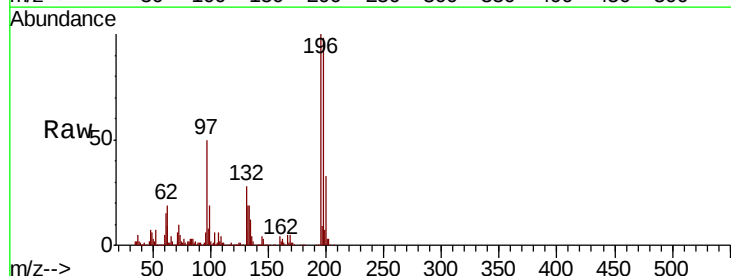
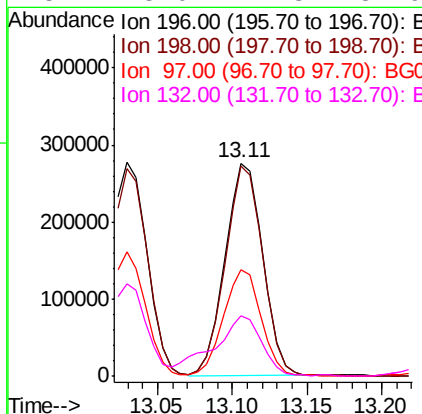
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#44
 2,4,5-Trichlorophenol
 Concen: 42.521 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.01 min
 Lab File: BG043911.D
 Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	487404		
198	98.5	78.3	117.5	
97	50.1	38.8	58.2	
132	28.0	21.3	31.9	





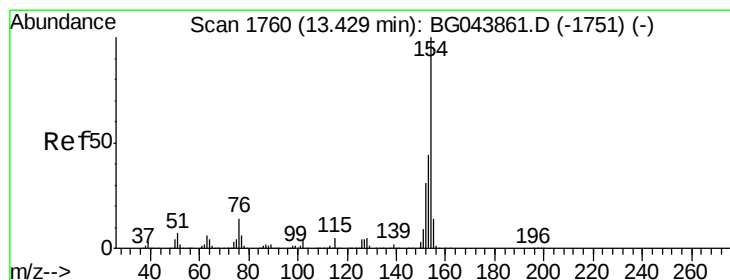
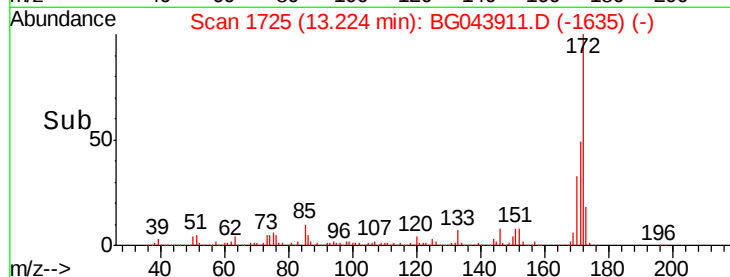
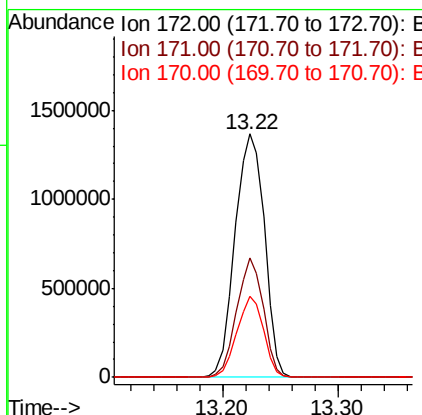
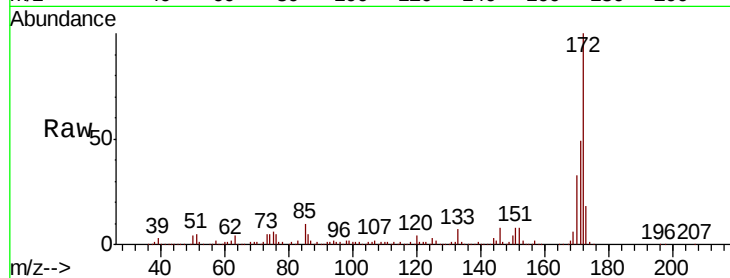
#45
2-Fluorobiphenyl
Concen: 79.270 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	49.1	35.8	53.8
170	33.5	24.2	36.4

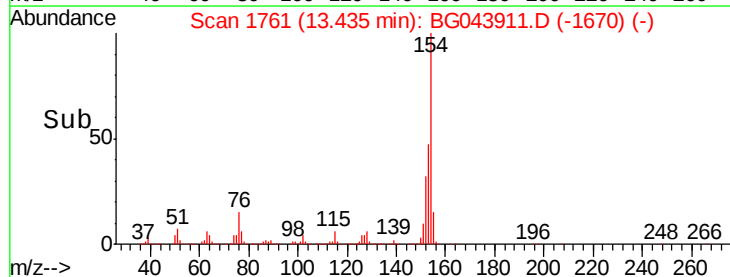
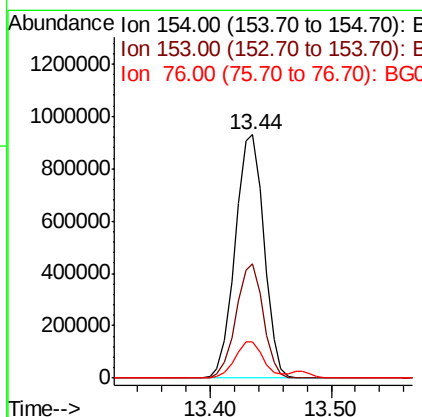
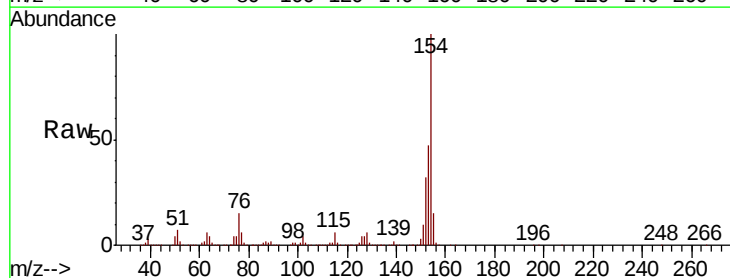
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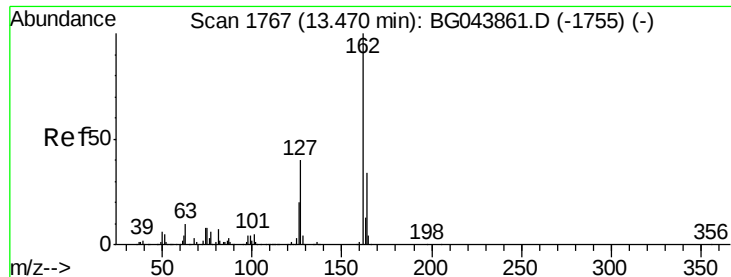
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#46
1,1'-Biphenyl
Concen: 39.028 ng
RT: 13.44 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	46.8	23.6	63.6
76	14.8	0.0	34.4





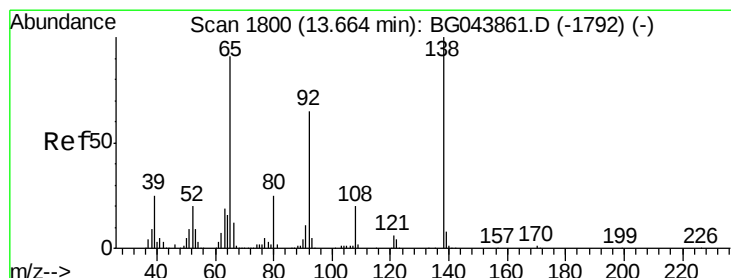
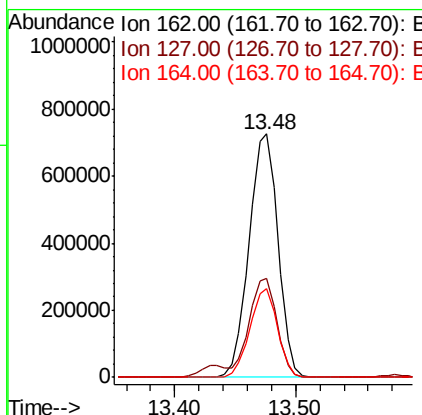
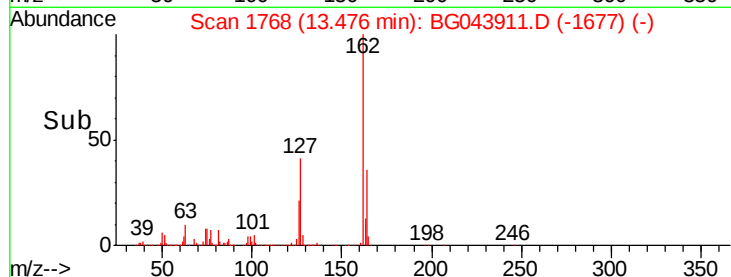
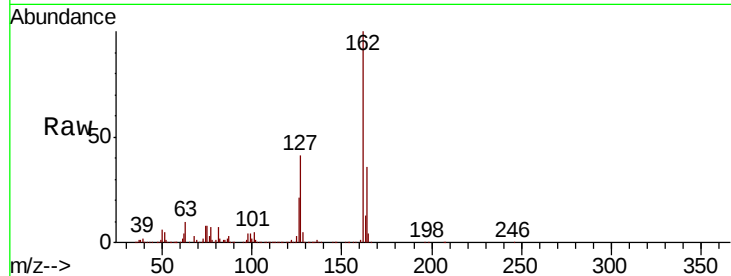
#47
2-Chloronaphthalene
Concen: 38.183 ng
RT: 13.48 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.1	48.1
164	36.3	27.5	41.3

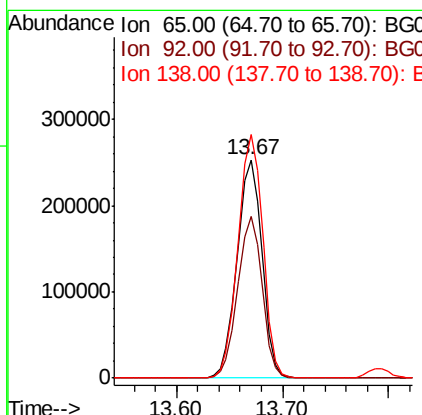
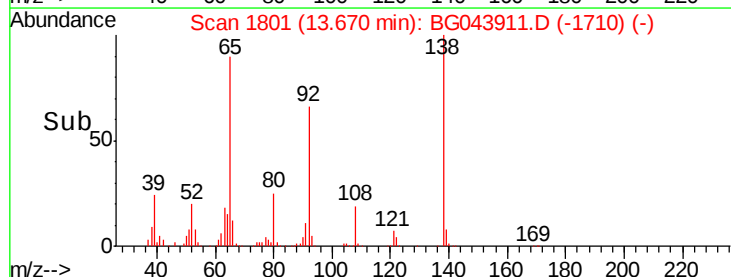
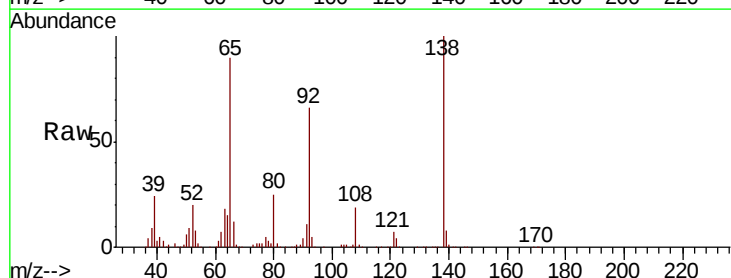
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#48
2-Nitroaniline
Concen: 40.072 ng
RT: 13.67 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	57.4	86.2
138	111.4	88.2	132.4





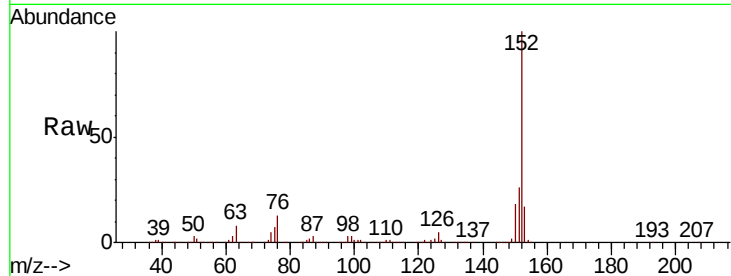
#49
Acenaphthylene
Concen: 40.551 ng
RT: 14.32 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	25.8	19.4	29.2
153	16.5	12.0	18.0

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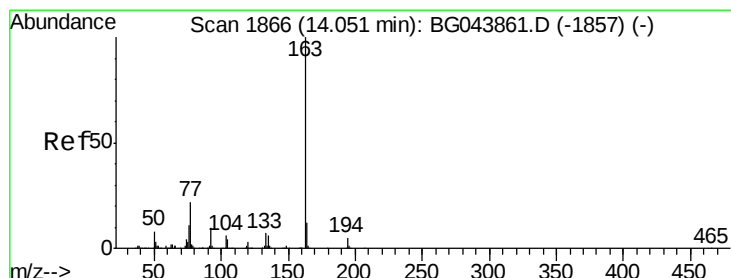
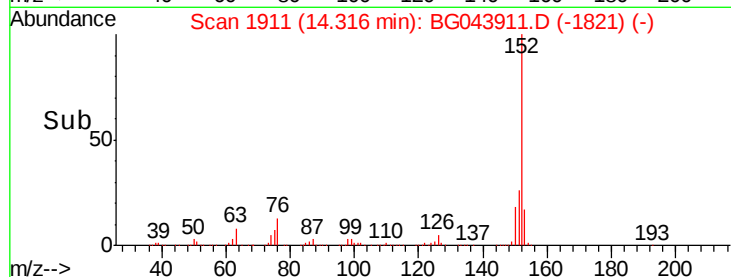
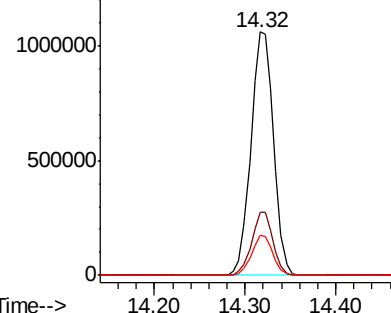


Abundance

Ion 152.00 (151.70 to 152.70): E

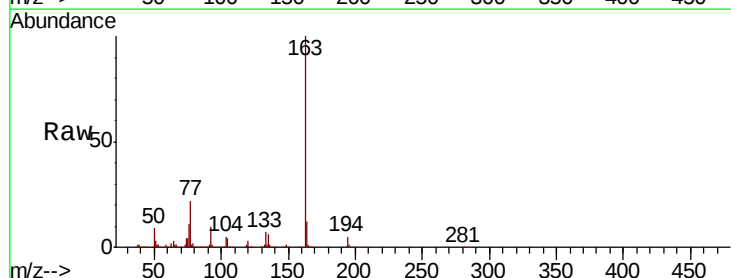
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 39.407 ng
RT: 14.06 min Scan# 1867
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	12.0	9.3	13.9

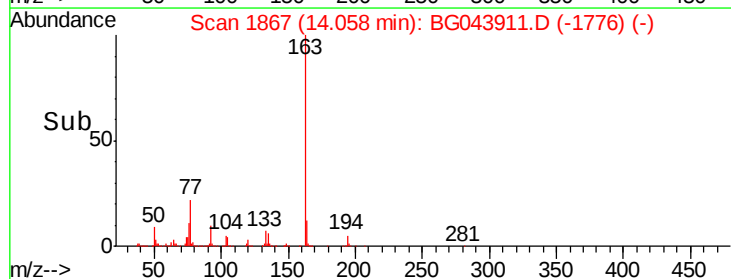
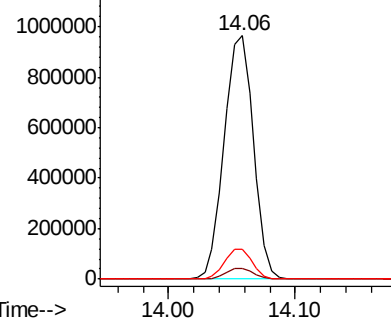


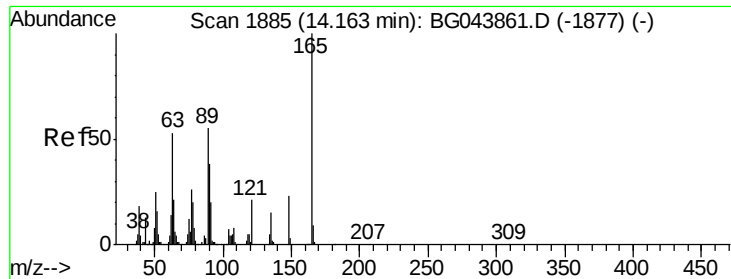
Abundance

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





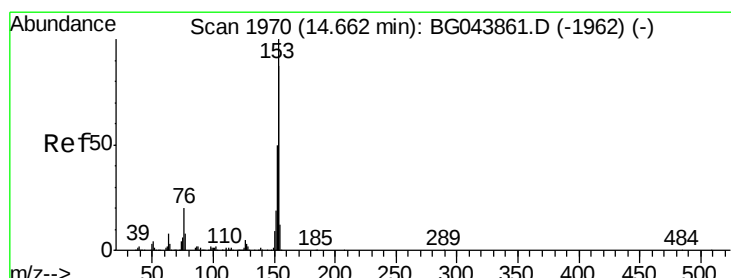
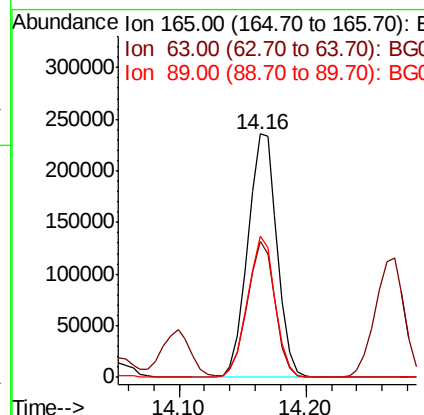
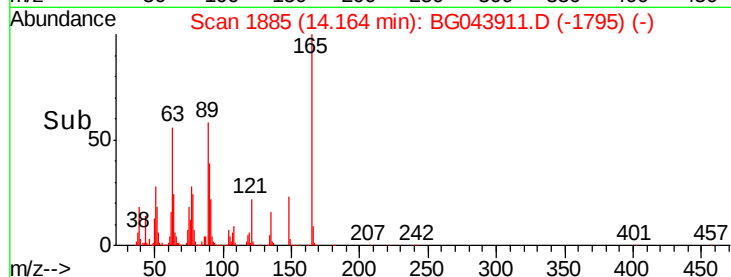
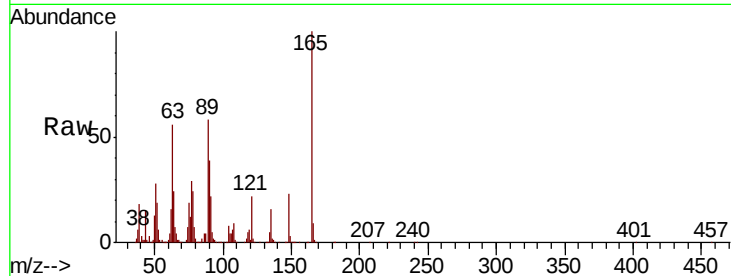
#51
2,6-Dinitrotoluene
Concen: 42.441 ng
RT: 14.16 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.8	43.1	64.7
89	58.2	43.8	65.6

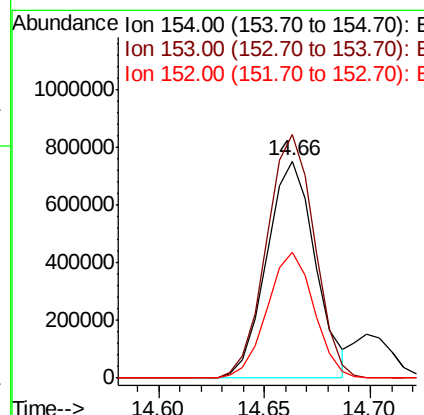
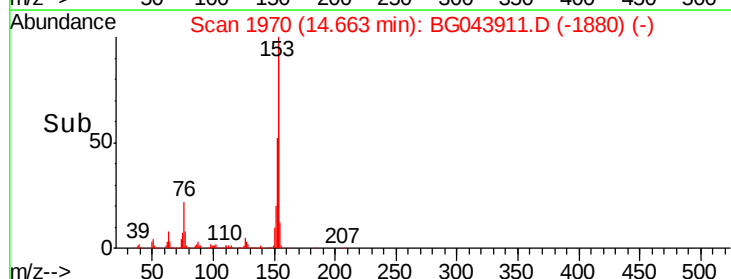
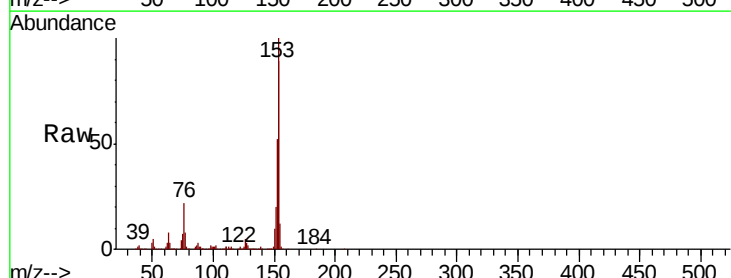
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#52
Acenaphthene
Concen: 37.456 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.6	137.4
152	58.1	45.4	68.0





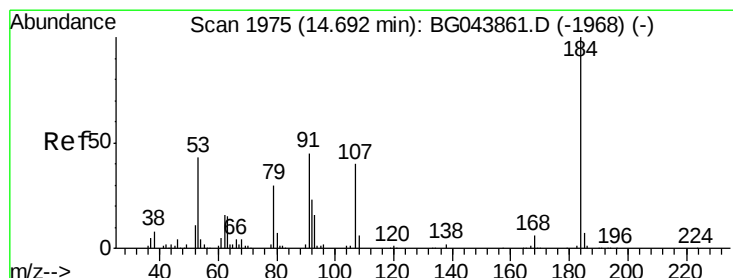
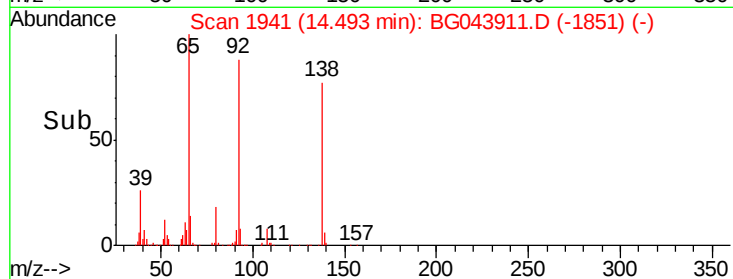
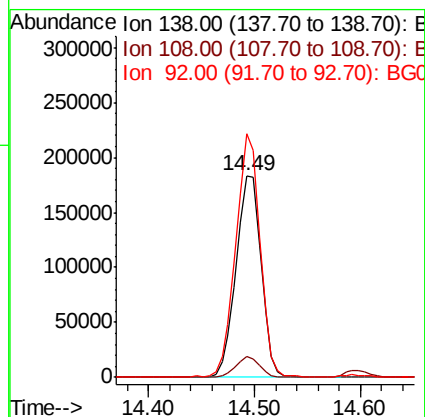
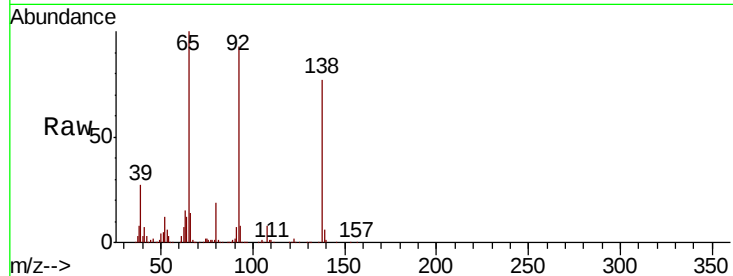
#53
3-Nitroaniline
Concen: 30.061 ng
RT: 14.49 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.4	7.4	11.2	
92	120.8	92.1	138.1	

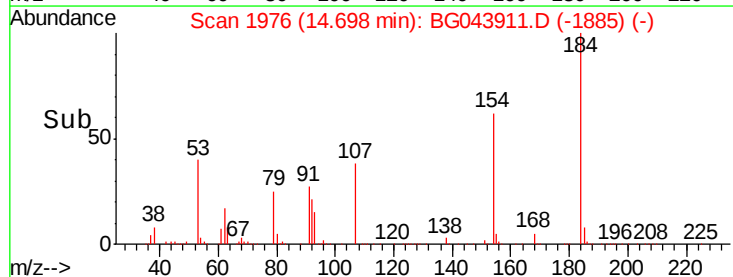
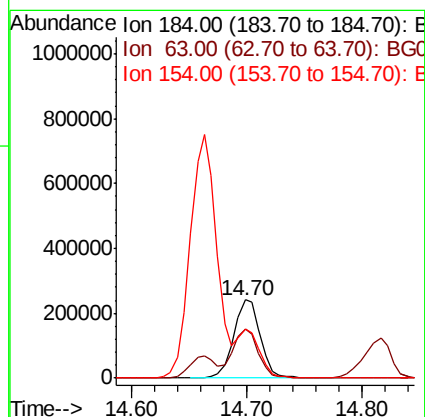
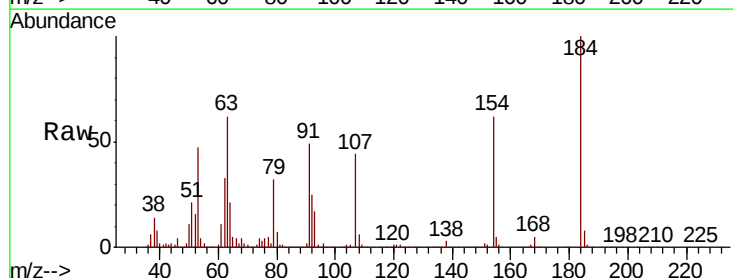
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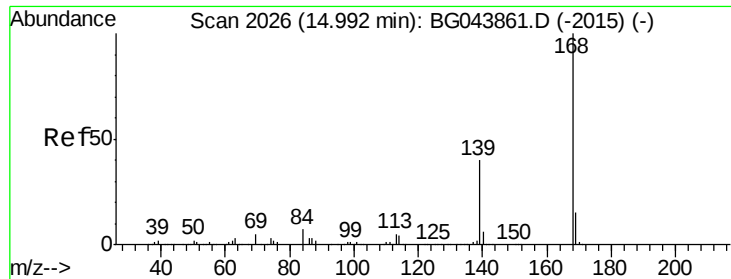
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#54
2,4-Dinitrophenol
Concen: 85.474 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	62.1	46.6	70.0	
154	62.2	50.2	75.4	





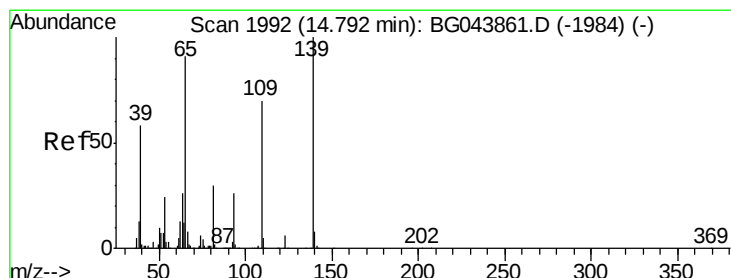
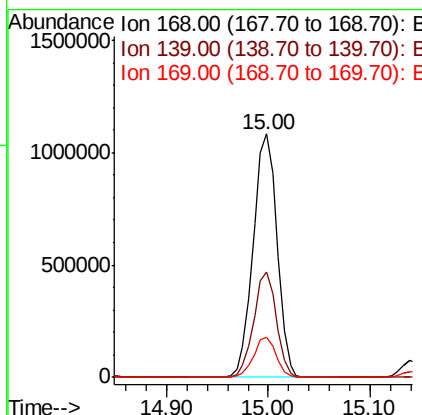
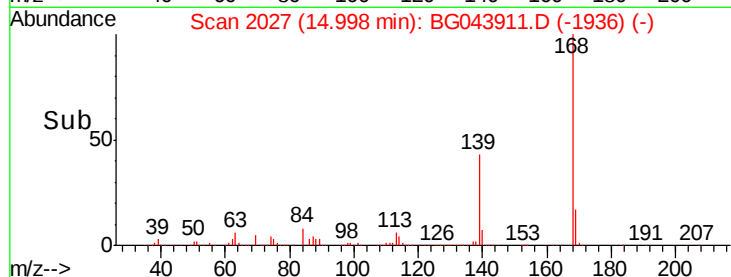
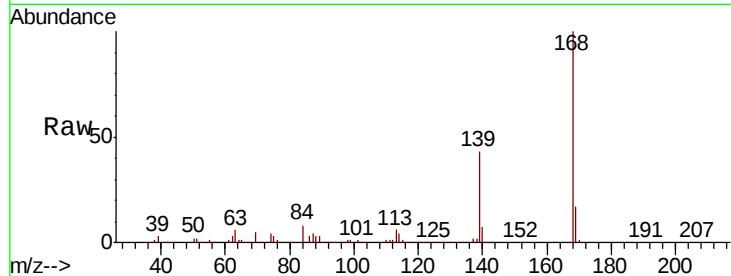
#55
Dibenzofuran
Concen: 39.987 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.5	32.2	48.2
169	16.7	12.2	18.2

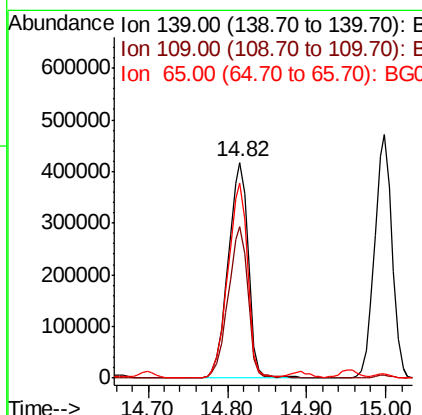
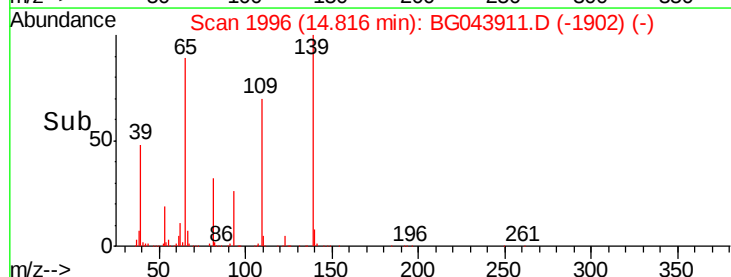
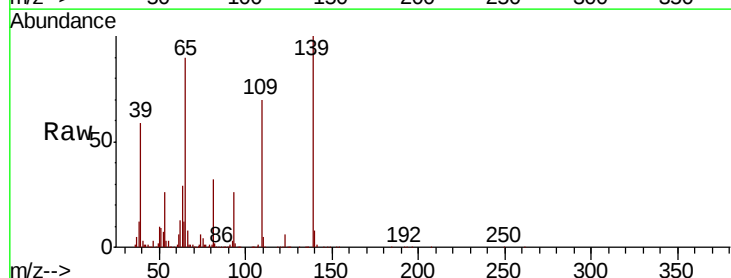
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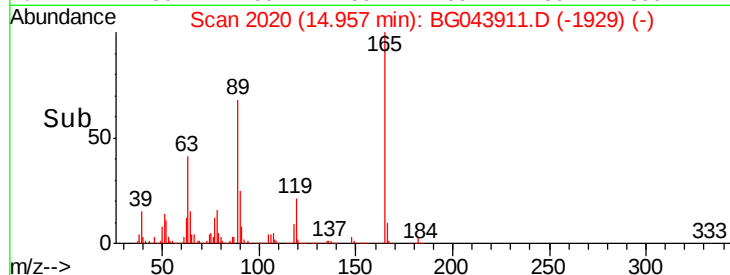
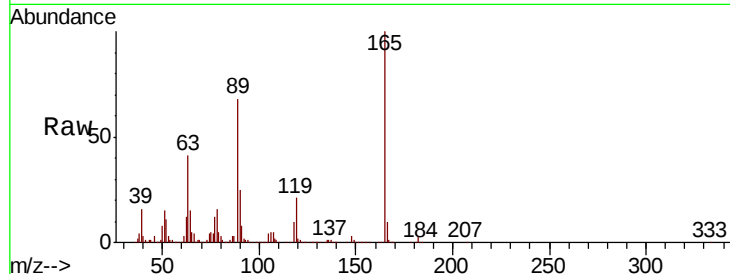
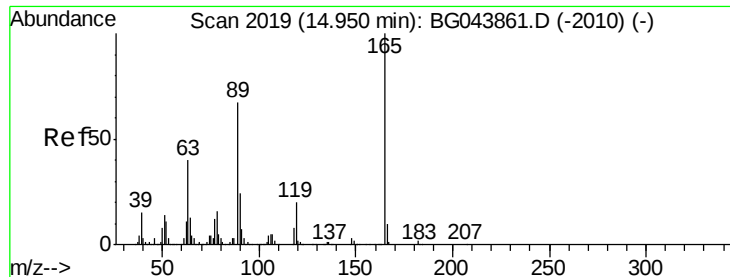
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#56
4-Nitrophenol
Concen: 94.892 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.02 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.2	50.4	90.4
65	90.5	71.4	111.4





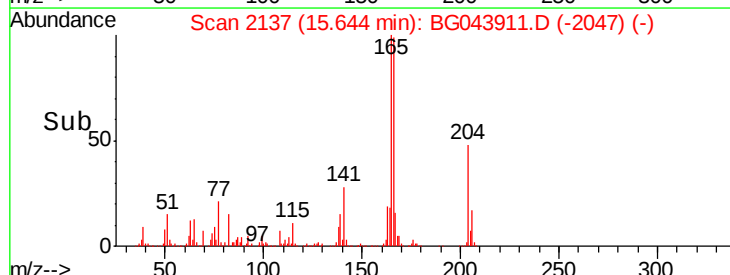
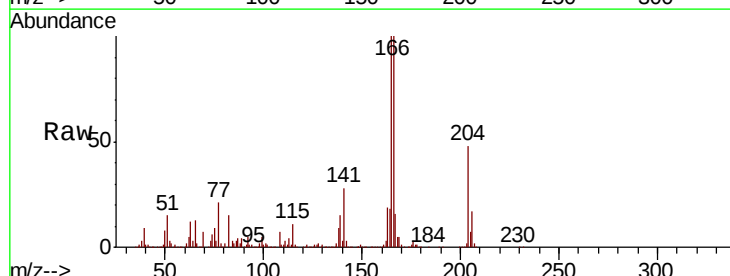
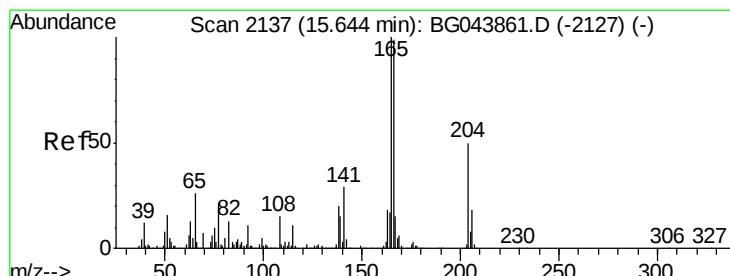
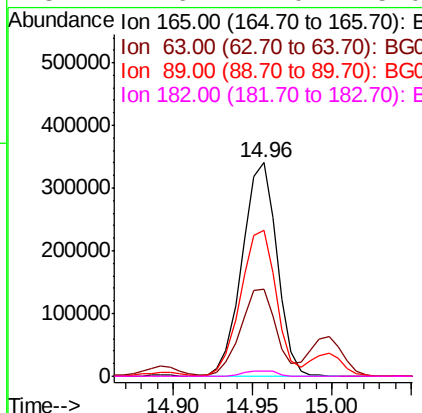
#57
2,4-Dinitrotoluene
Concen: 43.129 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tot Ion	Ratio	Resp	Lower	Upper
165	100	519010		
63	41.0		31.9	47.9
89	68.2		53.8	80.6
182	2.6		2.0	3.0

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

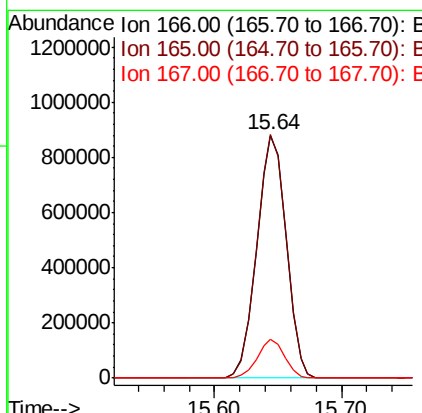
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#58
Fluorene
Concen: 40.456 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1420545		
165	100.2		80.8	121.2
167	15.9		12.1	18.1





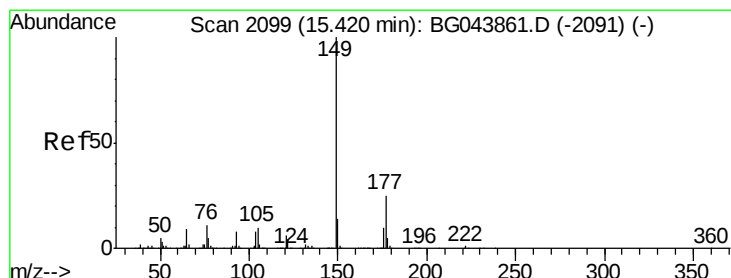
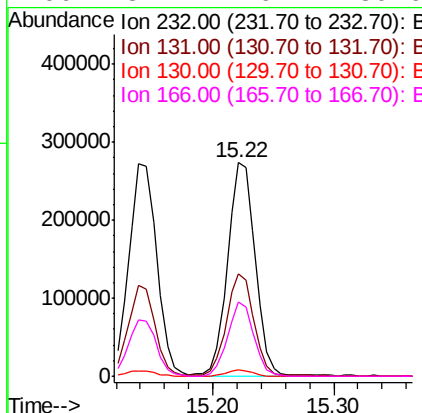
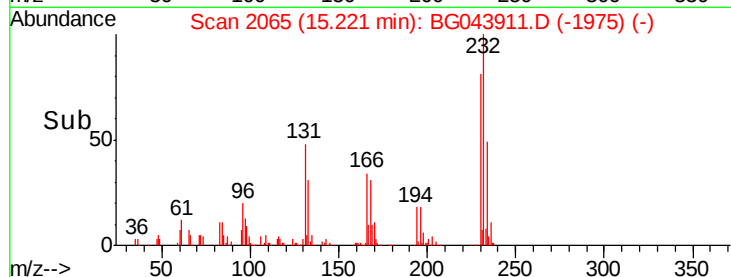
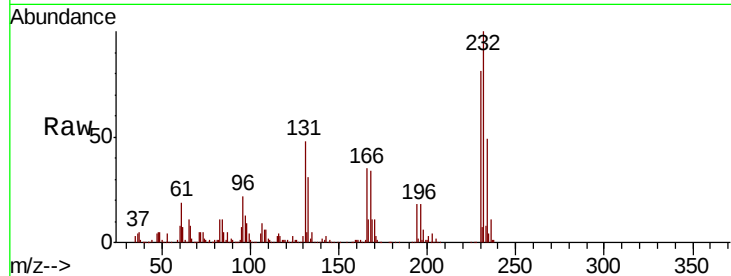
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.995 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG043911.D
 Acq: 4 Jan 2020 7:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125896BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		433636		
131	47.5	38.2	57.2		
130	2.8	2.2	3.2		
166	32.7	26.4	39.6		

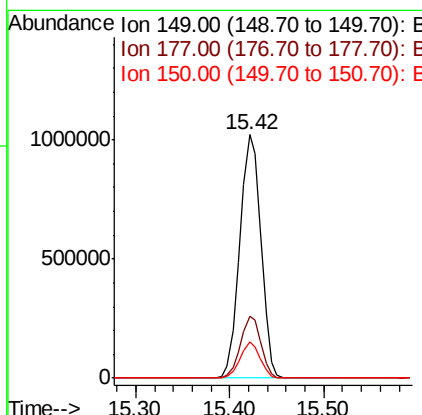
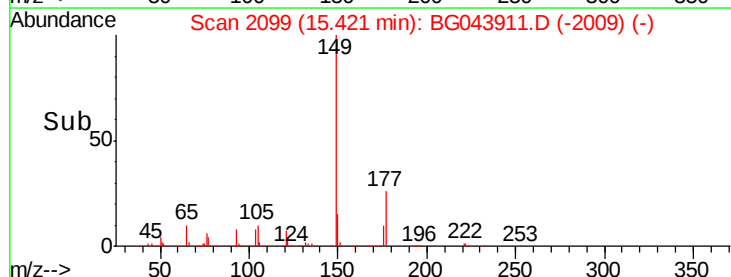
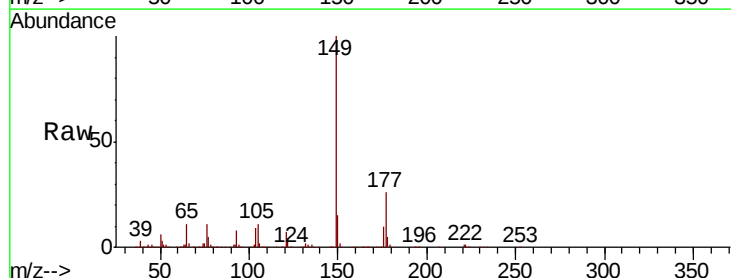
Manual Integrations
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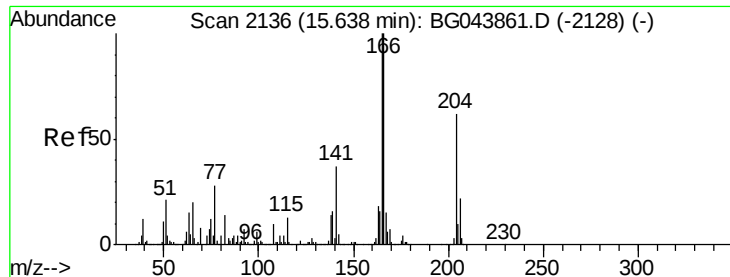
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#60
 Diethylphthalate
 Concen: 40.587 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG043911.D
 Acq: 4 Jan 2020 7:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1588415		
177	25.5	20.0	30.0		
150	15.1	11.1	16.7		





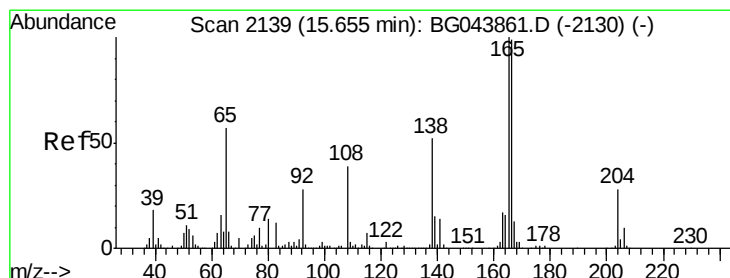
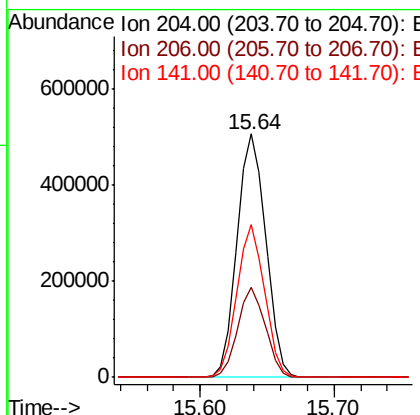
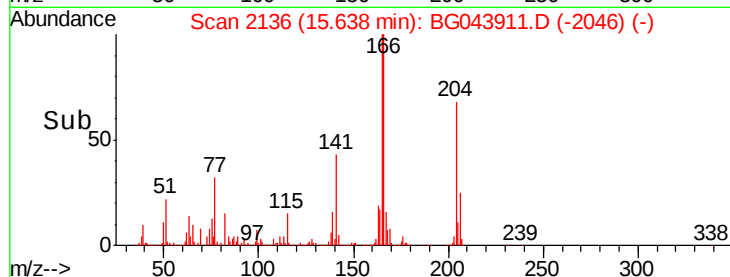
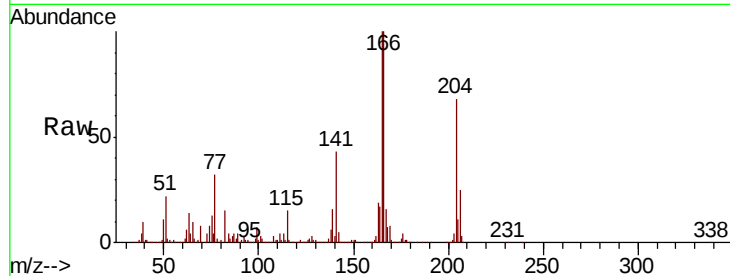
#61
4-Chlorophenyl-phenylether
Concen: 39.691 ng
RT: 15.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	756780		
206	36.9		28.2	42.2
141	62.6		48.2	72.2

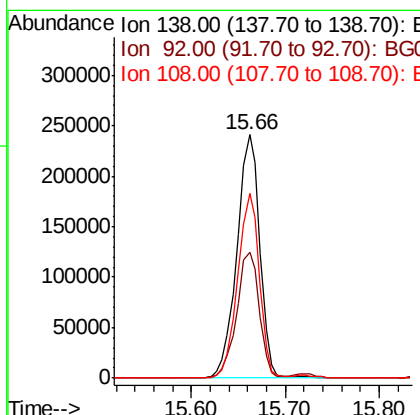
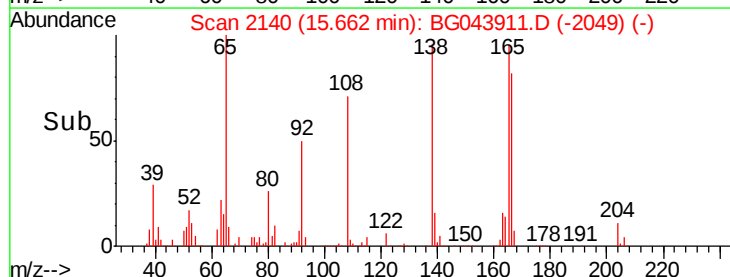
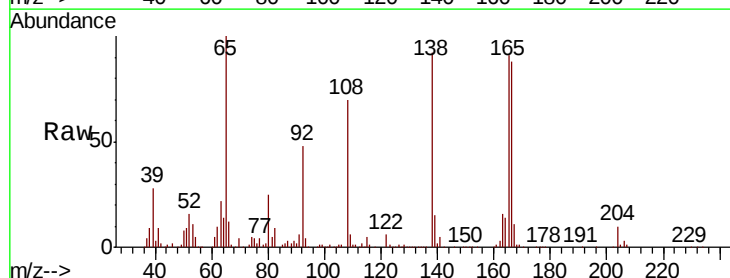
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#62
4-Nitroaniline
Concen: 41.261 ng
RT: 15.66 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	409215		
92	51.8		34.3	74.3
108	75.7		55.0	95.0





#63

Azobenzene

Concen: 41.401 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

Instrument :

BNA_G

ClientSampleId :

PB125896BSD

Tot Ion: 77 Resp: 1502612

Ion Ratio Lower Upper

77 100

182 29.4 7.3 47.3

105 25.0 3.2 43.2

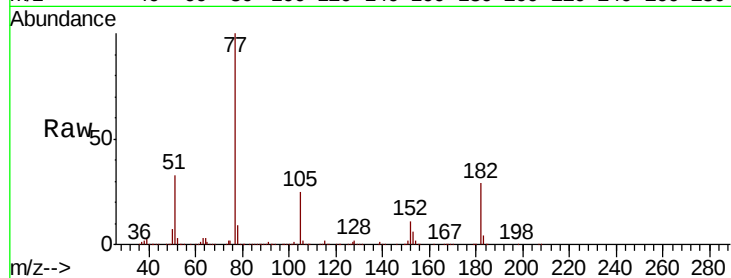
51 32.8 10.6 50.6

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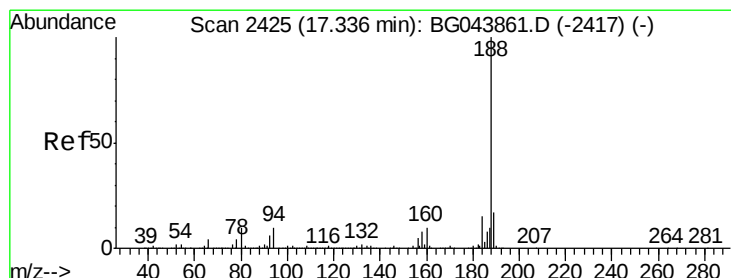
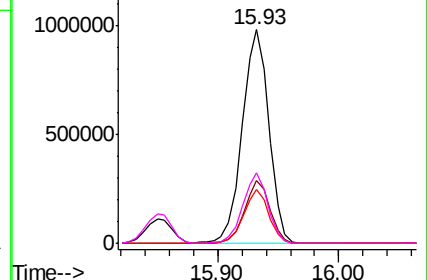
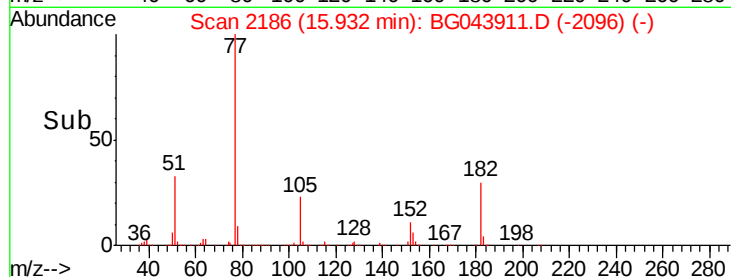


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.34 min Scan# 2426

Delta R.T. 0.01 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

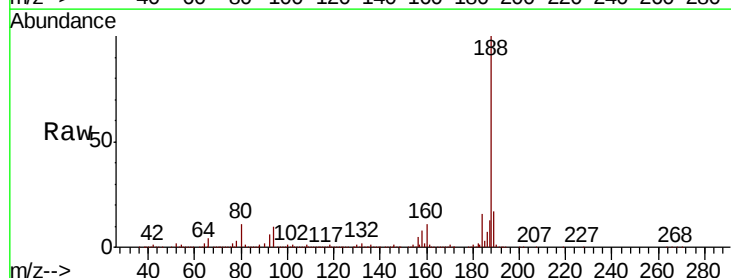
Tgt Ion: 188 Resp: 1170252

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

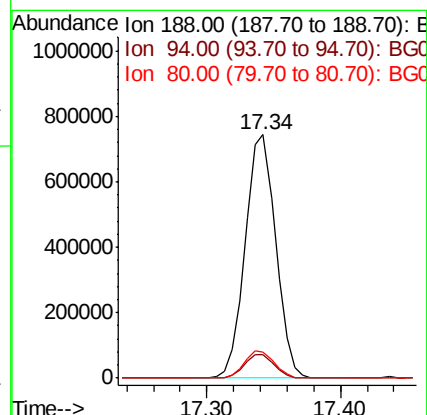
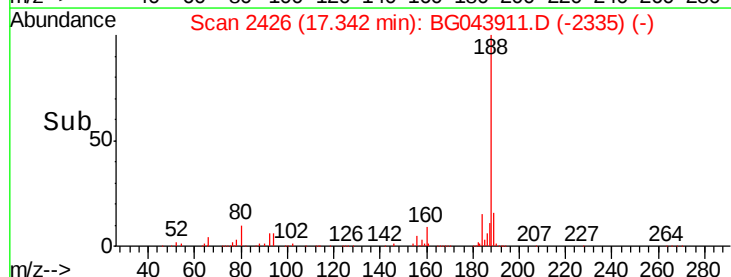
80 10.9 8.2 12.4

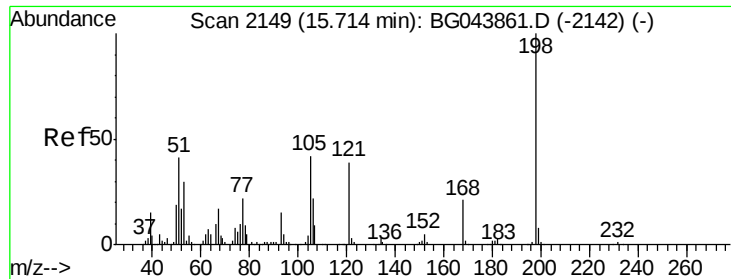


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 47.511 ng

RT: 15.72 min Scan# 2150

Delta R.T. 0.01 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

Instrument :

BNA_G

ClientSampleId :

PB125896BSD

Tot Ion:198 Resp: 286165

Ion Ratio Lower Upper

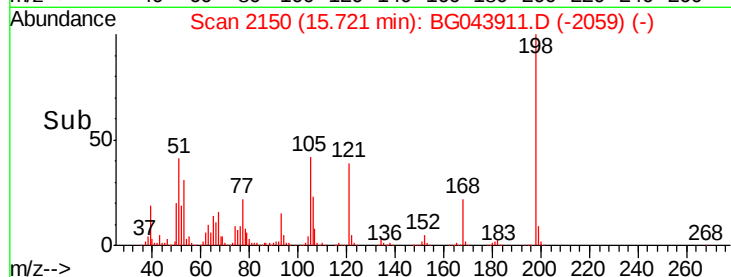
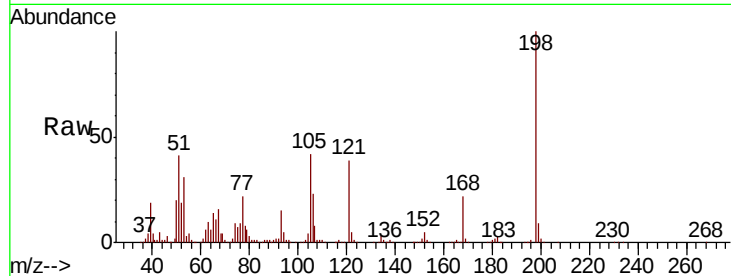
198 100

51 40.9 22.5 62.5

105 42.0 22.3 62.3

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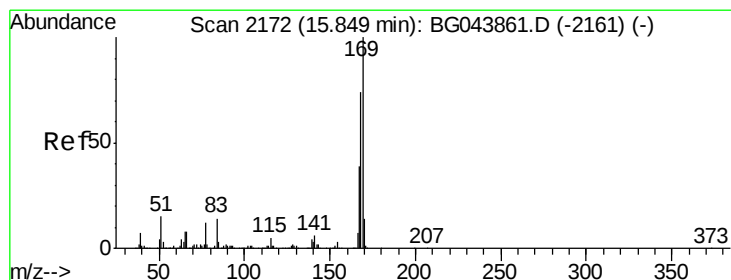
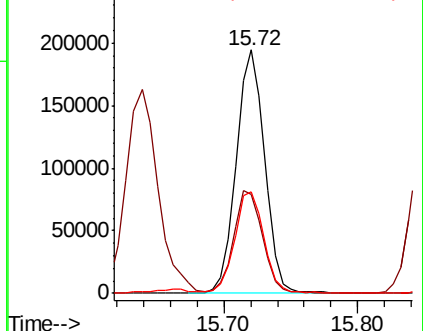
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.321 ng

RT: 15.85 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

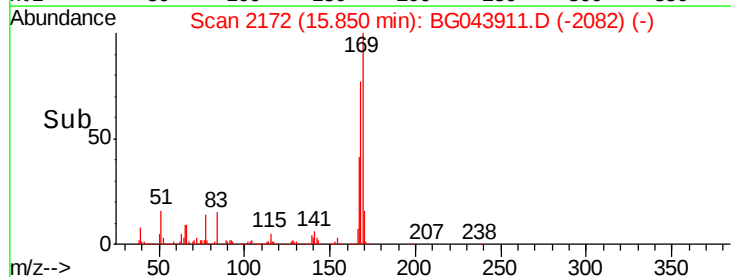
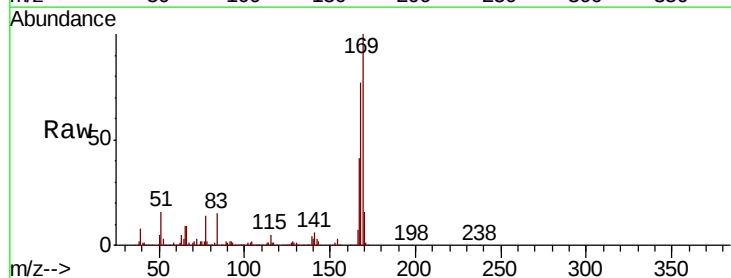
Tgt Ion:169 Resp: 1355088

Ion Ratio Lower Upper

169 100

168 76.6 59.0 88.6

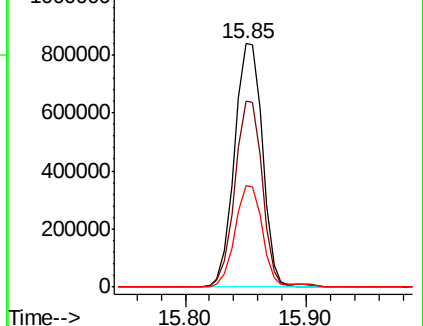
167 41.5 31.4 47.0

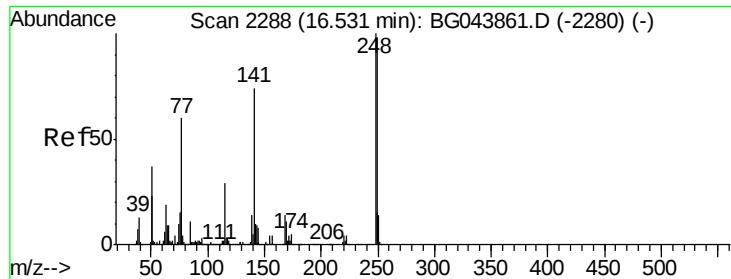


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





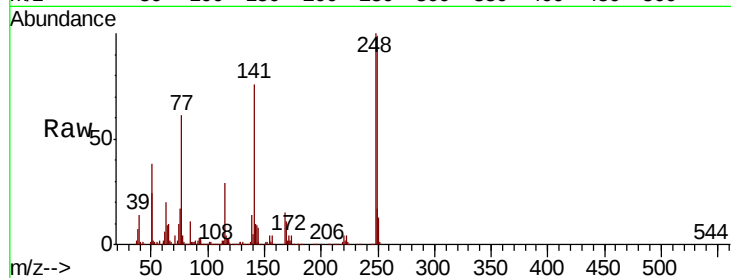
#67
4-Bromophenyl-phenylether
Concen: 37.666 ng
RT: 16.53 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.2	117.2
141	76.5	59.3	88.9

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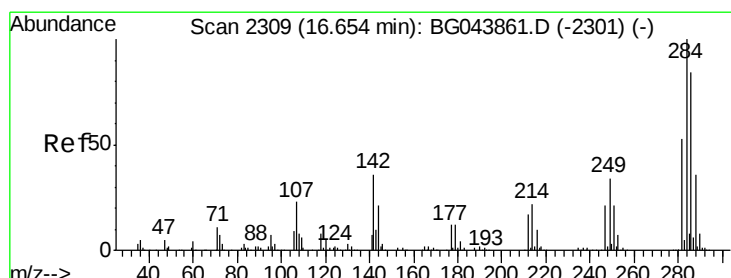
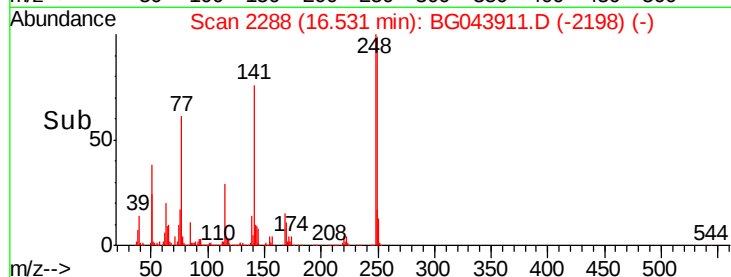
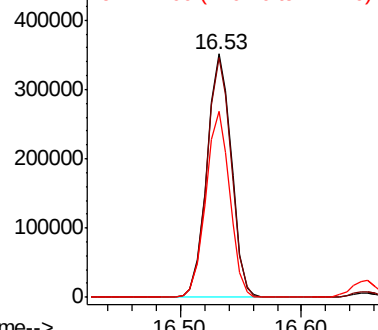


Abundance

Ion 248.00 (247.70 to 248.70): E

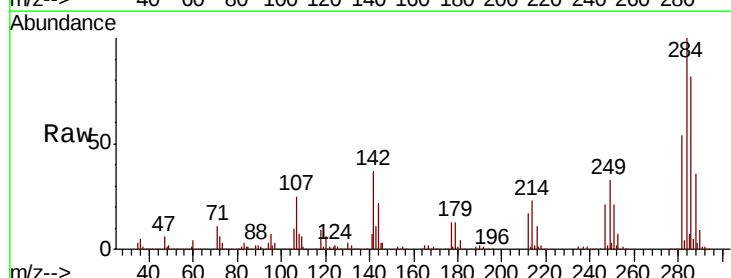
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.557 ng
RT: 16.65 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.7	28.6	43.0
249	33.4	27.0	40.6

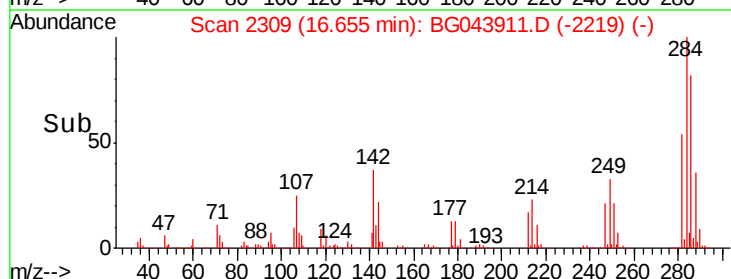
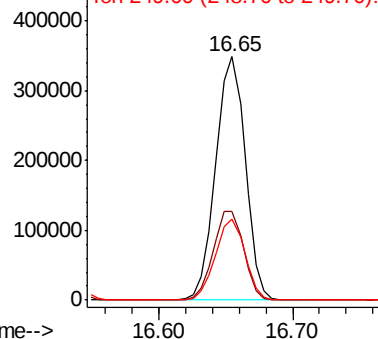


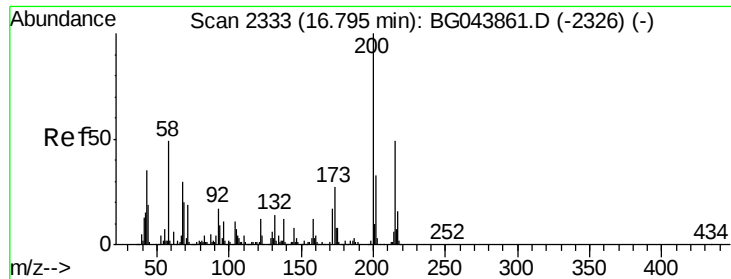
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





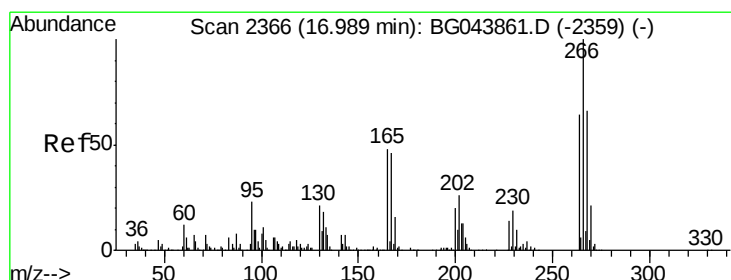
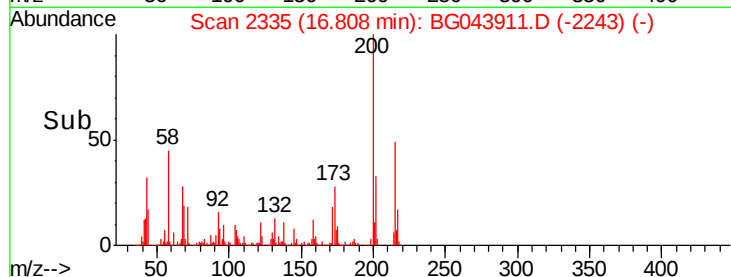
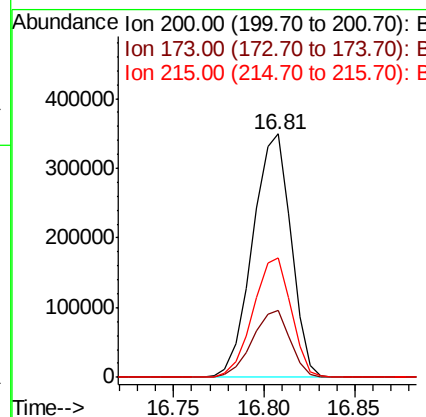
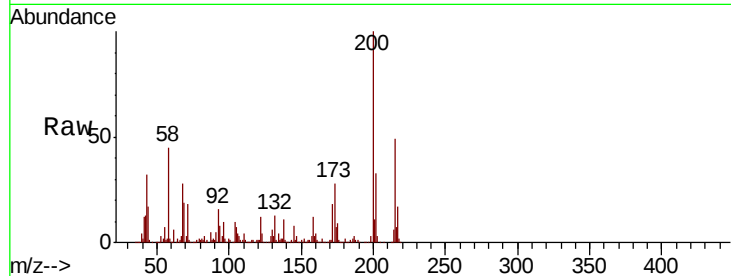
#69
Atrazine
Concen: 45.865 ng
RT: 16.81 min Scan# 2335
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.5	6.6	46.6
215	49.2	28.6	68.6

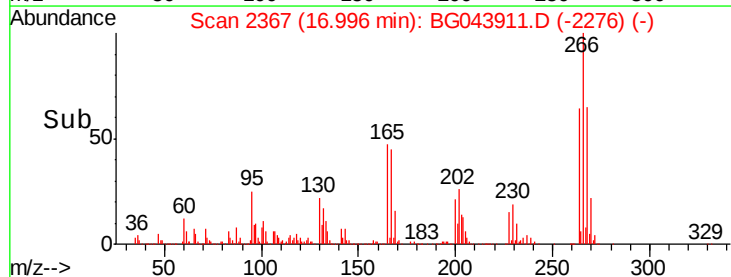
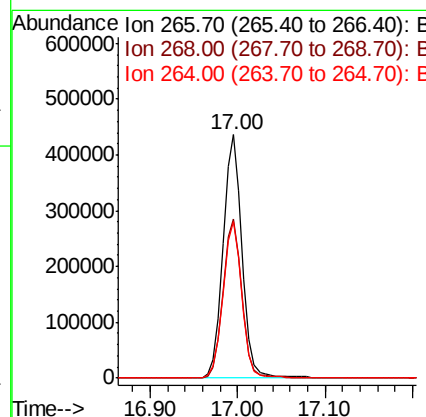
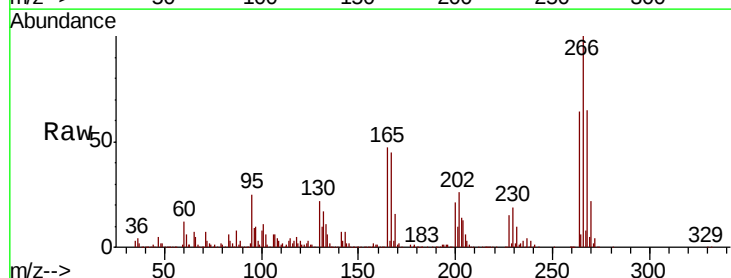
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#70
Pentachlorophenol
Concen: 83.864 ng
RT: 17.00 min Scan# 2367
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.1	52.6	79.0
264	64.3	50.8	76.2





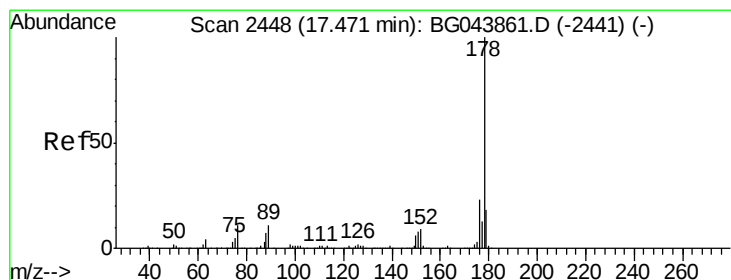
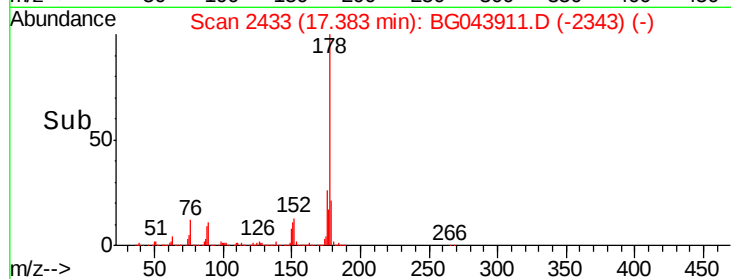
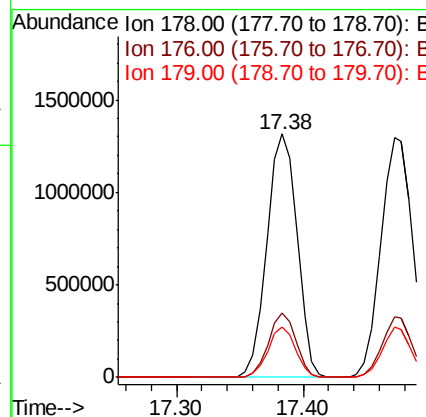
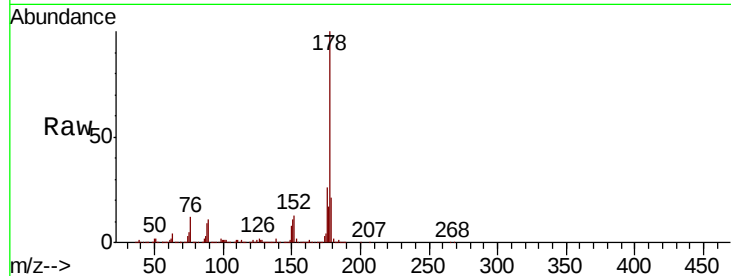
#71
Phenanthrene
Concen: 38.916 ng
RT: 17.38 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	26.3	18.6	28.0
179	20.6	14.4	21.6

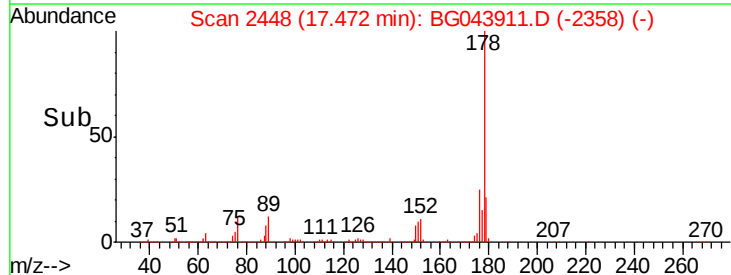
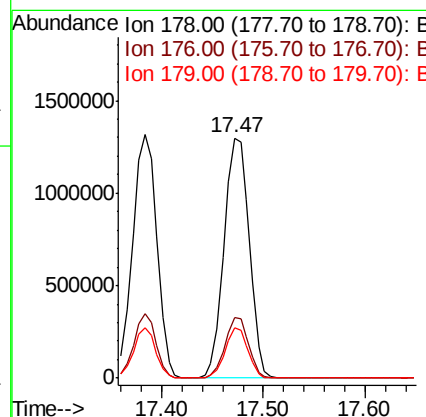
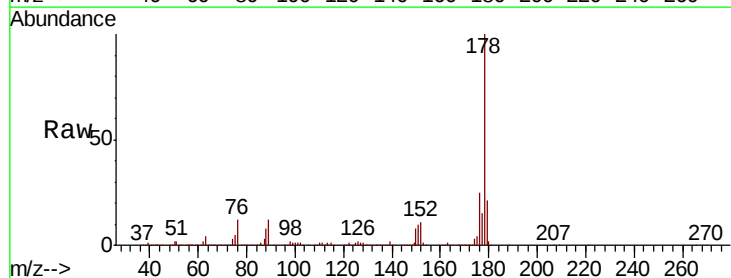
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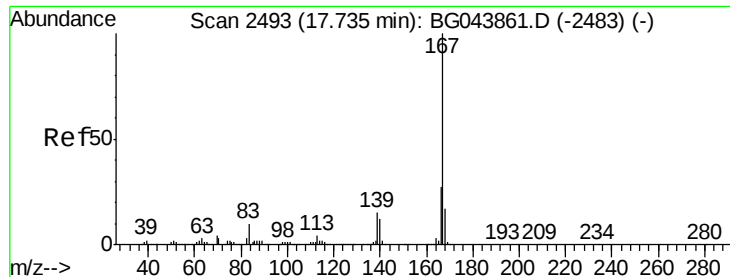
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#72
Anthracene
Concen: 40.479 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.3	18.3	27.5
179	20.9	14.6	22.0





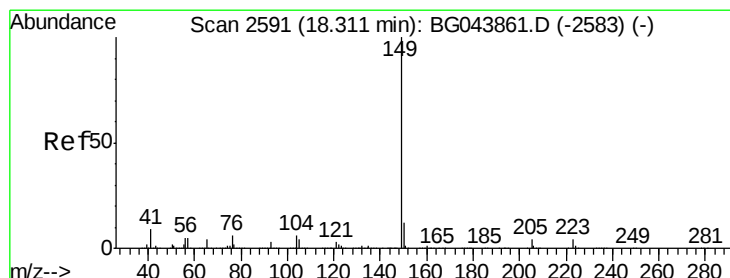
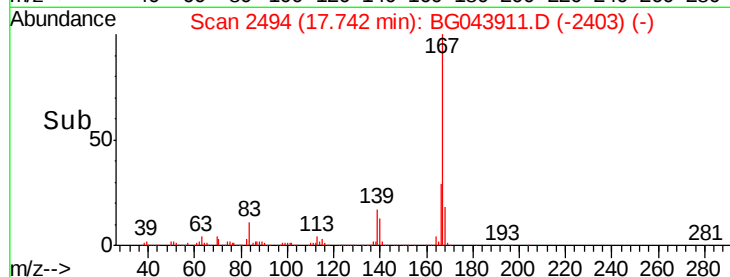
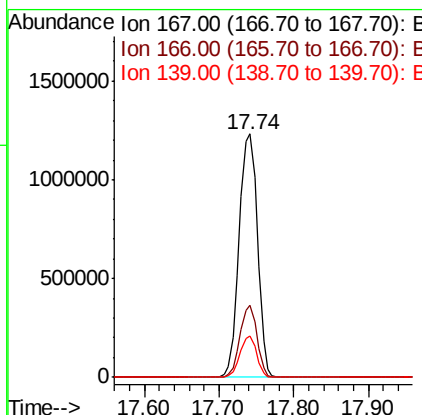
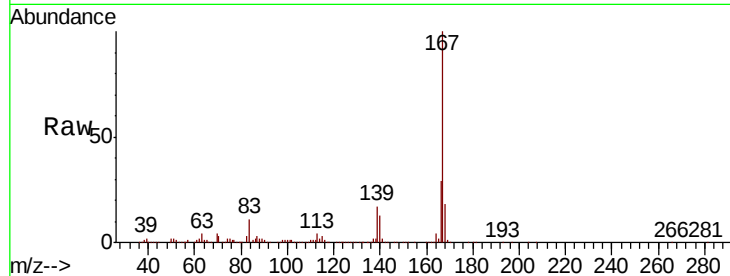
#73
 Carbazole
 Concen: 41.112 ng
 RT: 17.74 min Scan# 2494
 Delta R.T. 0.01 min
 Lab File: BG043911.D
 Acq: 4 Jan 2020 7:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125896BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	29.4	21.6	32.4
139	16.8	12.1	18.1

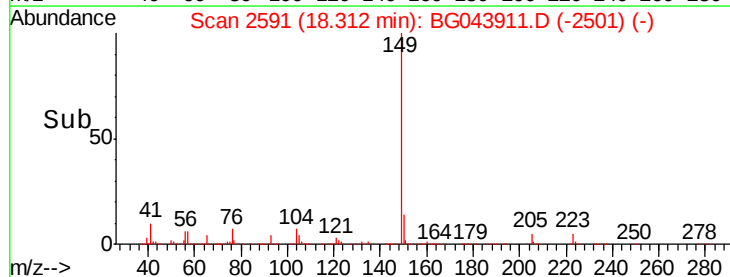
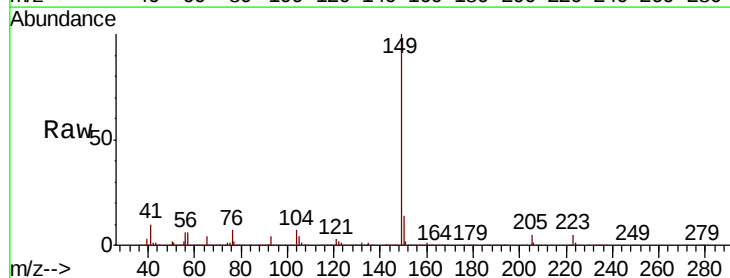
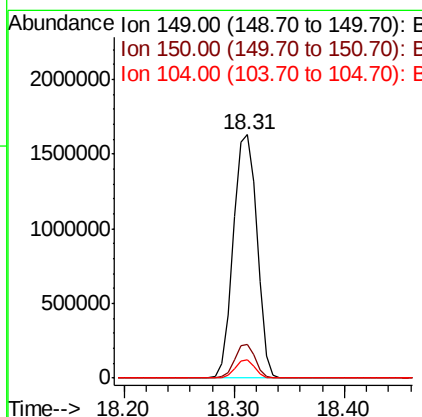
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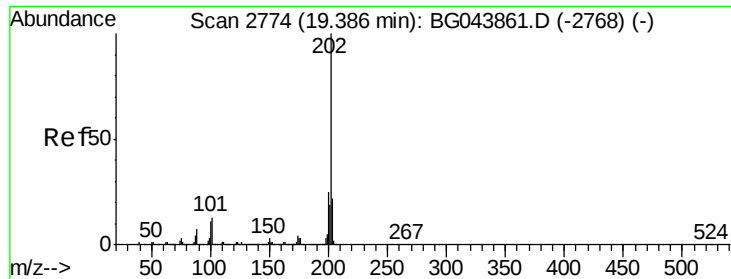
mohammad
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#74
 Di-n-butylphthalate
 Concen: 37.644 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG043911.D
 Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	13.8	9.7	14.5
104	7.4	5.0	7.4





#75

Fluoranthene

Concen: 38.081 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

Instrument :

BNA_G

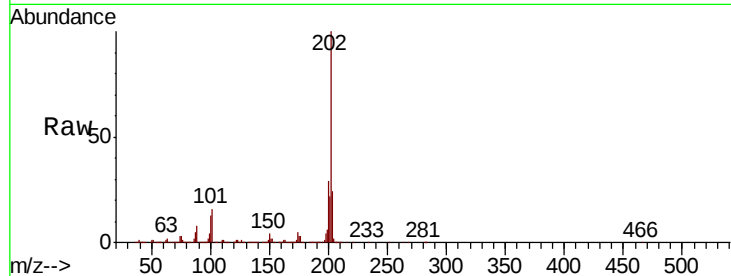
ClientSampleId :

PB125896BSD

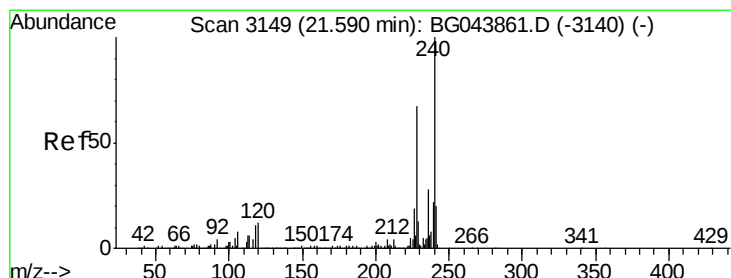
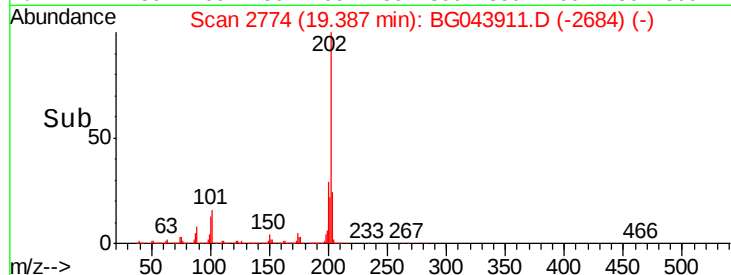
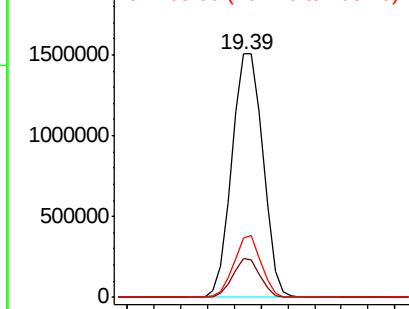
Tot Ion:	202	Resp:	2444591
Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	33.3
203	24.3	1.6	41.6

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



#76

Chrysene-d12

Concen: 20.000 ng

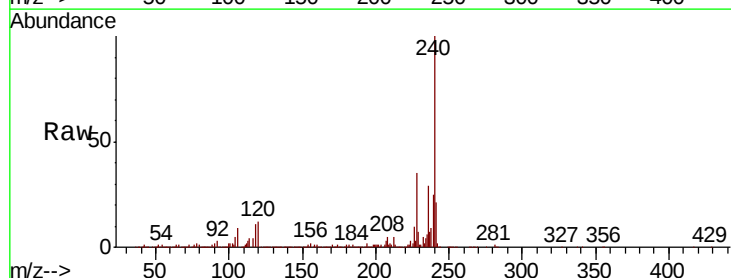
RT: 21.60 min Scan# 3150

Delta R.T. 0.01 min

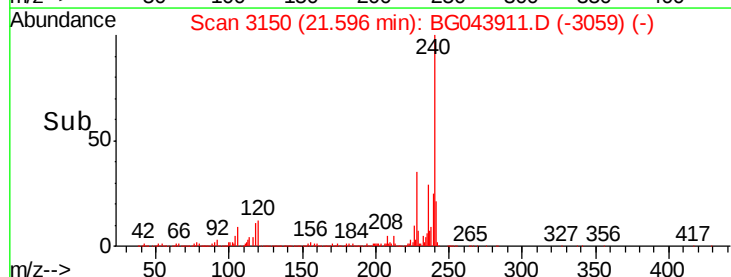
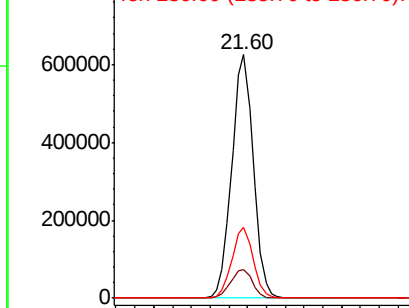
Lab File: BG043911.D

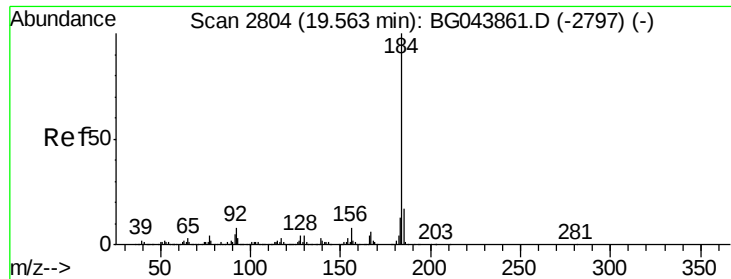
Acq: 4 Jan 2020 7:40

Tgt Ion:	240	Resp:	996716
Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.6	14.4
236	29.2	22.2	33.2



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





#77

Benzidine

Concen: 41.461 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

Instrument :

BNA_G

ClientSampleId :

PB125896BSD

Tot Ion:184 Resp: 1038726

Ion Ratio Lower Upper

184 100

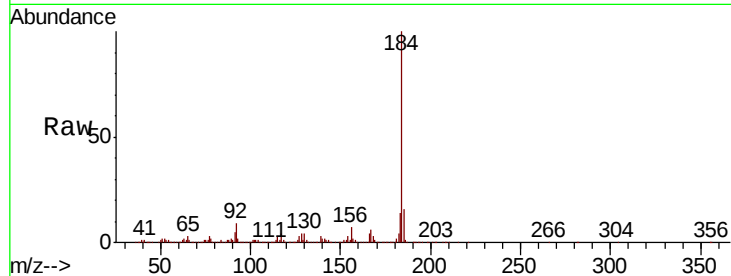
185 15.9 13.4 20.0

183 14.4 10.6 15.8

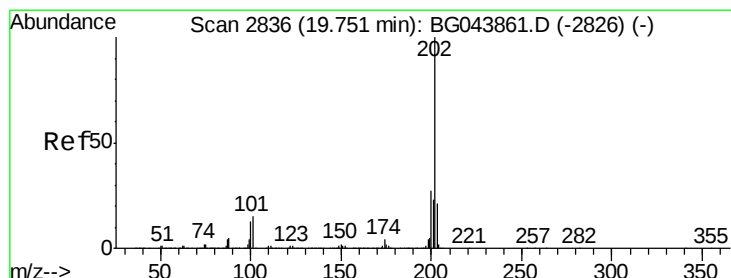
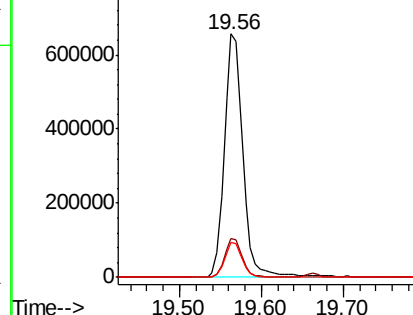
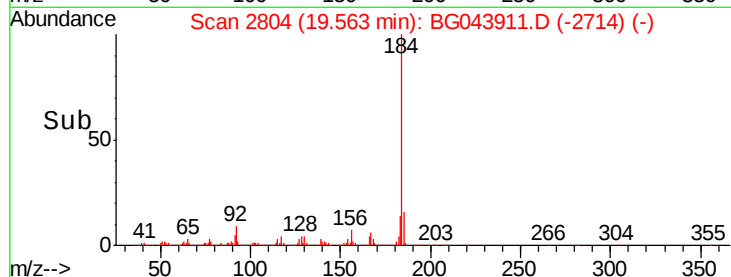
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.654 ng

RT: 19.75 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

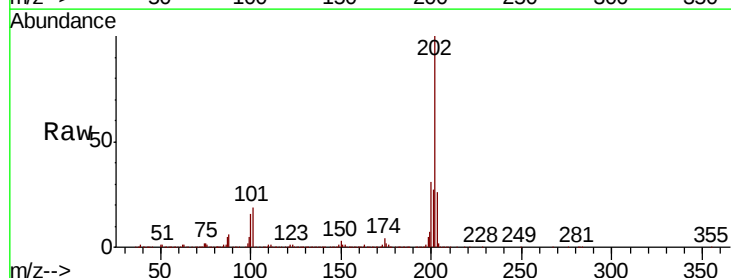
Tgt Ion:202 Resp: 2449780

Ion Ratio Lower Upper

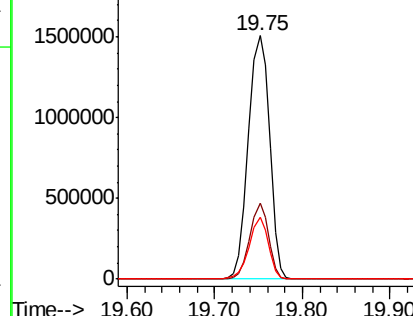
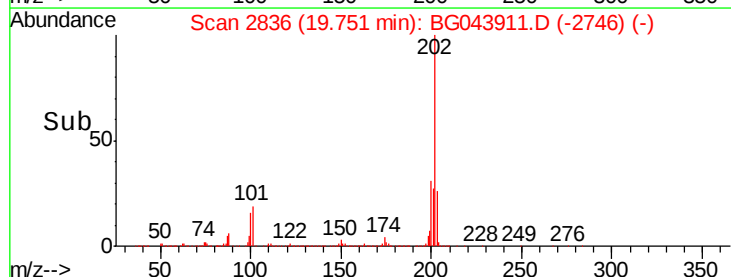
202 100

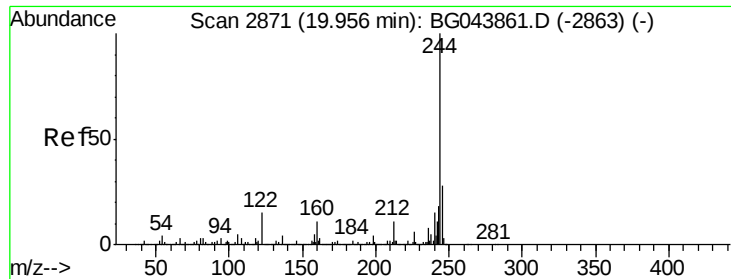
200 31.1 21.7 32.5

203 25.5 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: 70.584 ng

RT: 19.96 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

Instrument :

BNA_G

ClientSampleId :

PB125896BSD

Tot Ion:244 Resp: 3058883

Ion Ratio Lower Upper

244 100

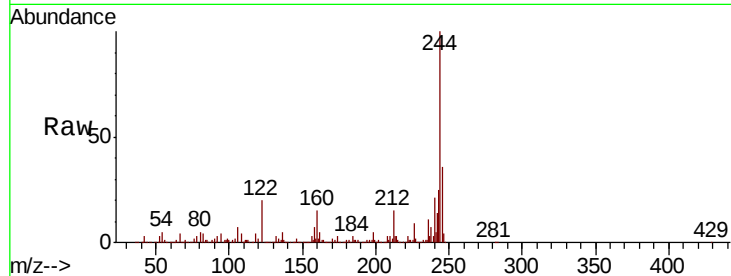
212 15.0 8.6 13.0#

122 19.8 11.9 17.9#

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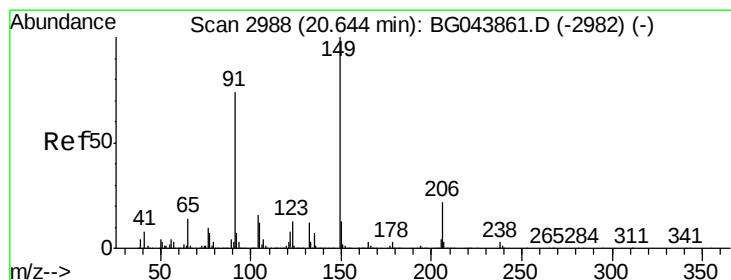
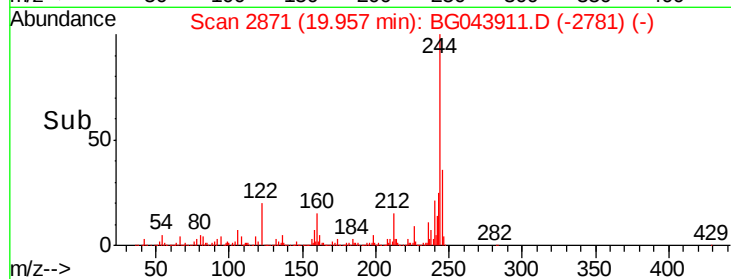
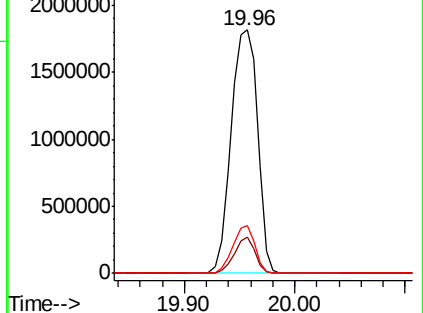
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.418 ng

RT: 20.64 min Scan# 2988

Delta R.T. 0.00 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

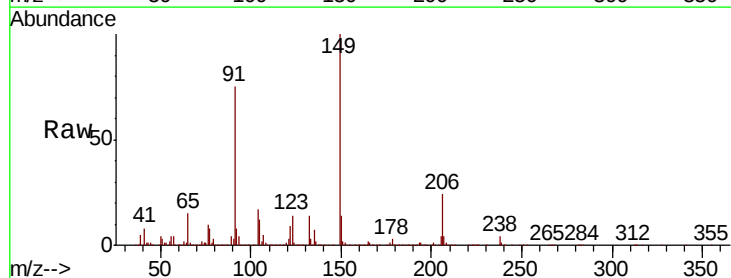
Tgt Ion:149 Resp: 1251933

Ion Ratio Lower Upper

149 100

91 74.9 59.5 89.3

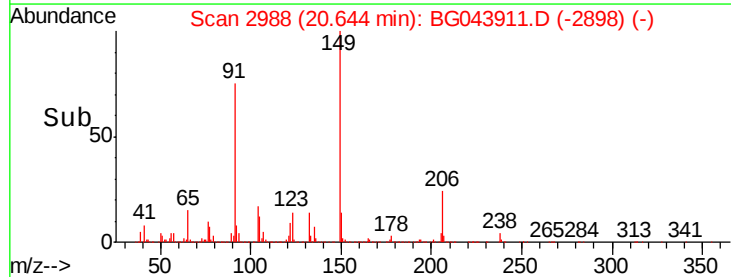
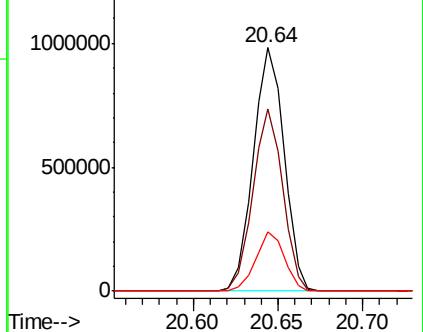
206 24.4 17.8 26.6

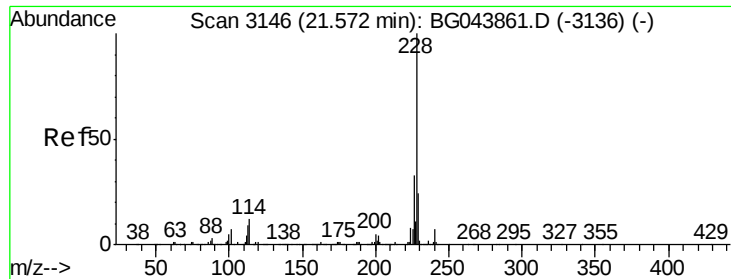


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.564 ng

RT: 21.57 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

Instrument :

BNA_G

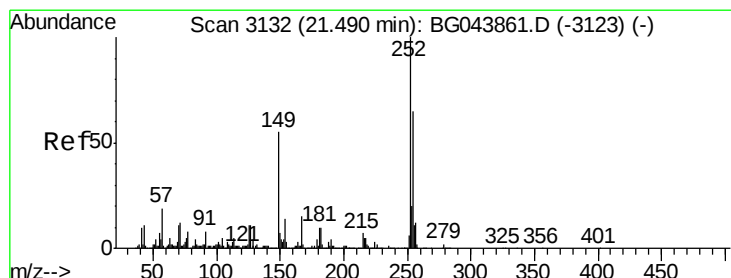
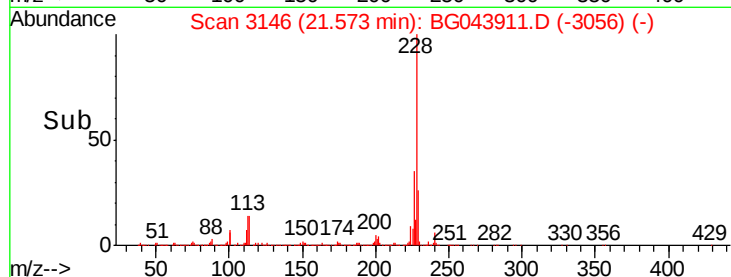
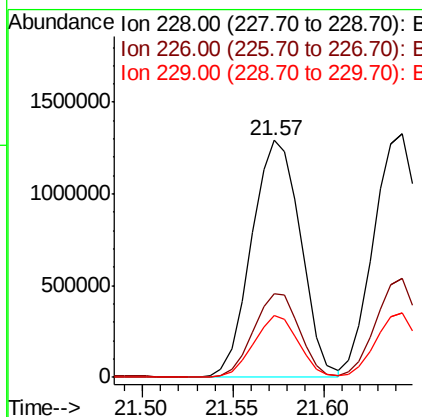
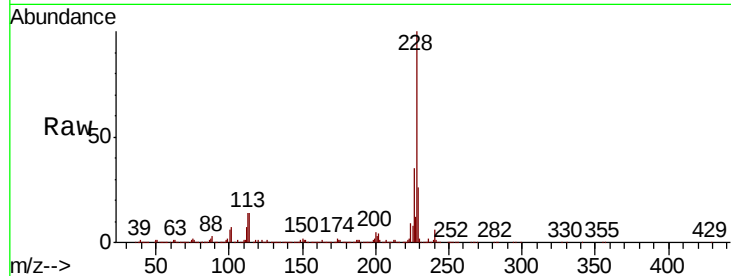
ClientSampleId :

PB125896BSD

Tot Ion:	228	Resp:	2445188
Ion	Ratio	Lower	Upper
228	100		
226	35.4	26.2	39.4
229	26.2	18.9	28.3

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#82

3,3'-Dichlorobenzidine

Concen: 34.103 ng

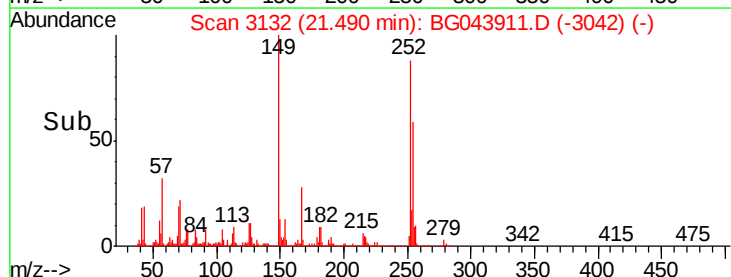
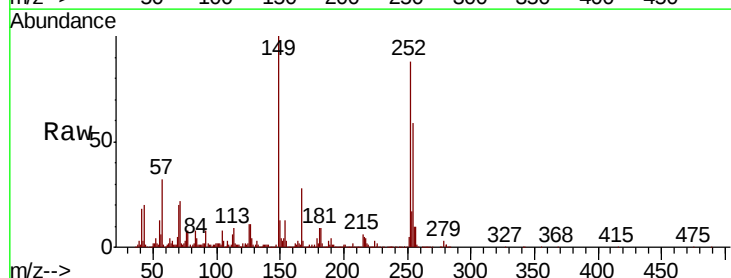
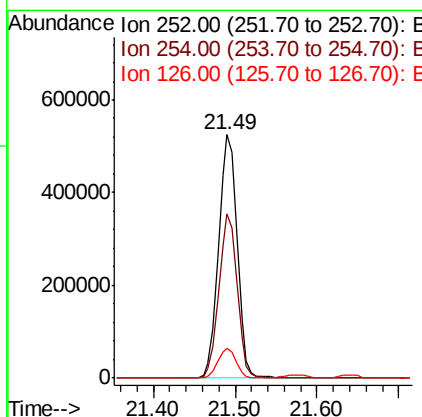
RT: 21.49 min Scan# 3132

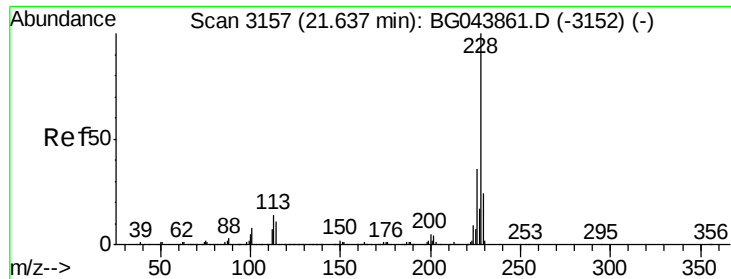
Delta R.T. 0.00 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

Tgt Ion:	252	Resp:	832683
Ion	Ratio	Lower	Upper
252	100		
254	67.3	52.1	78.1
126	12.5	9.1	13.7





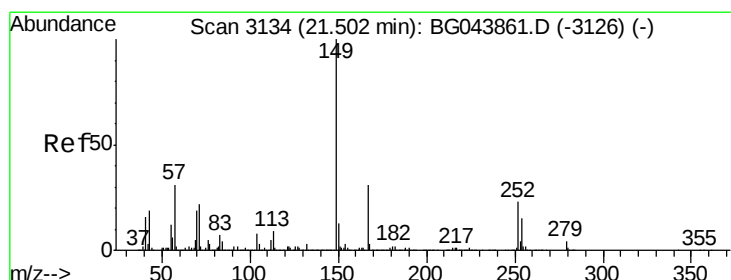
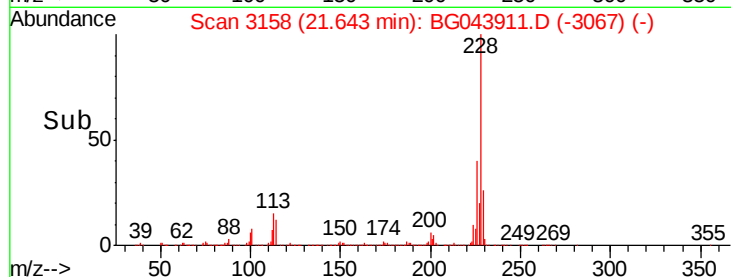
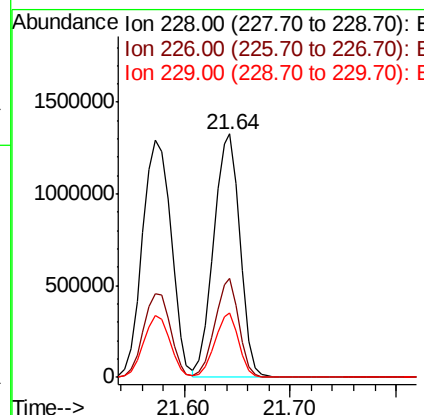
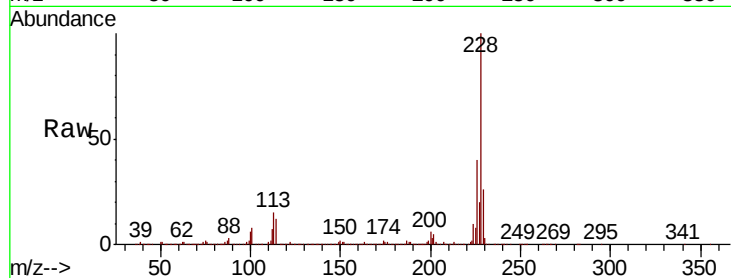
#83
Chrysene
Concen: 39.395 ng
RT: 21.64 min Scan# 3158
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion:228 Resp: 2313503
Ion Ratio Lower Upper
228 100
226 40.5 28.8 43.2
229 26.4 19.0 28.6

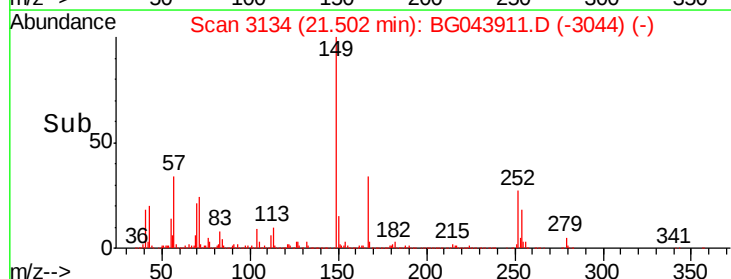
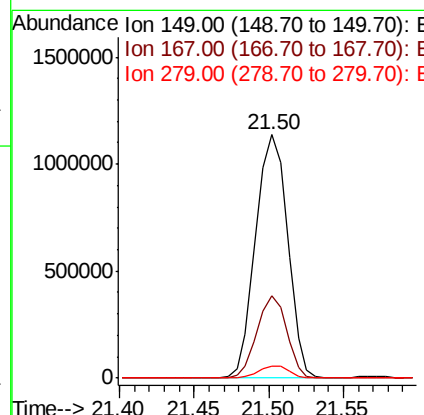
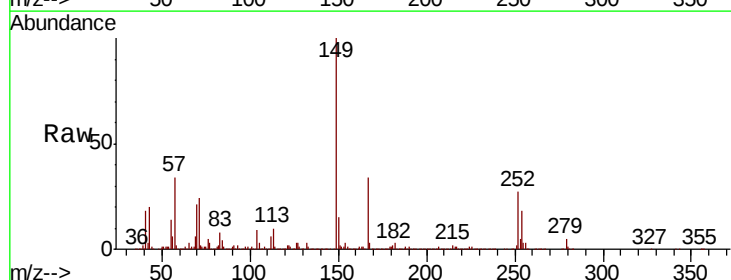
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.482 ng
RT: 21.50 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion:149 Resp: 1687412
Ion Ratio Lower Upper
149 100
167 33.6 24.7 37.1
279 5.1 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 40.205 ng

RT: 22.69 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

Instrument :

BNA_G

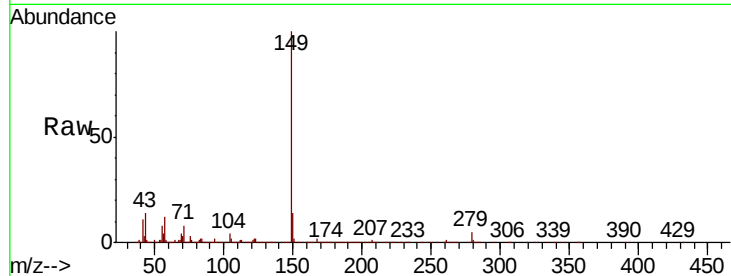
ClientSampleId :

PB125896BSD

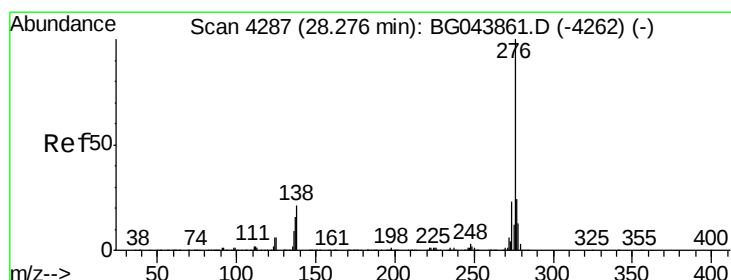
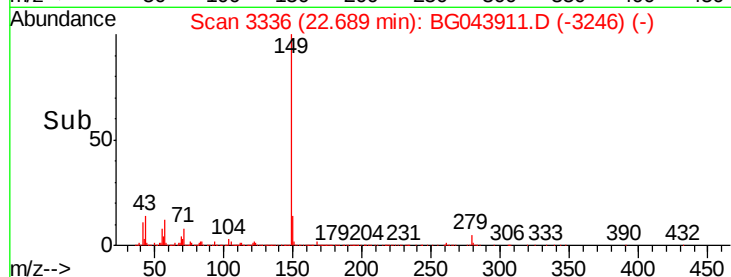
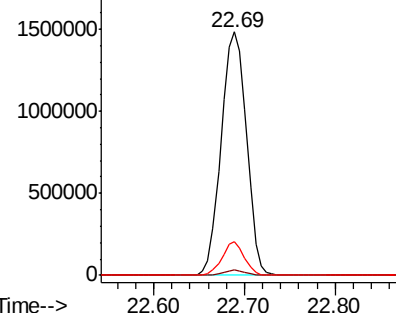
Tot Ion:	149	Resp:	2888721
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	12.1	8.8	13.2

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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.841 ng

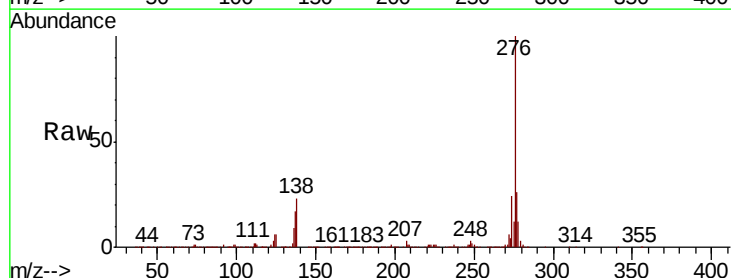
RT: 28.28 min Scan# 4288

Delta R.T. 0.01 min

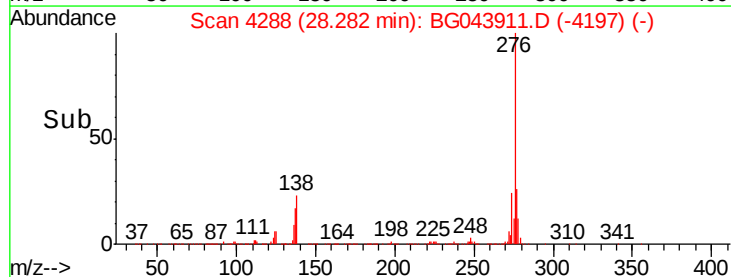
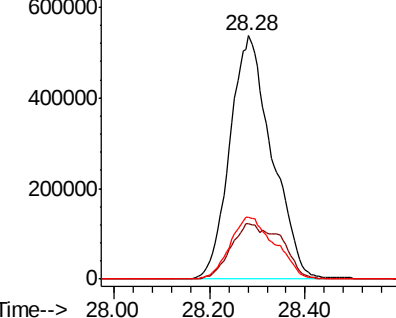
Lab File: BG043911.D

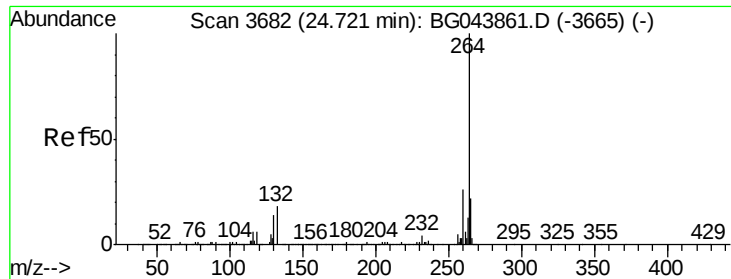
Acq: 4 Jan 2020 7:40

Tgt Ion:	276	Resp:	3259439
Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.0	31.4
277	27.3	21.1	31.7



Abundance Ion 276.00 (275.70 to 276.70): E
600000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





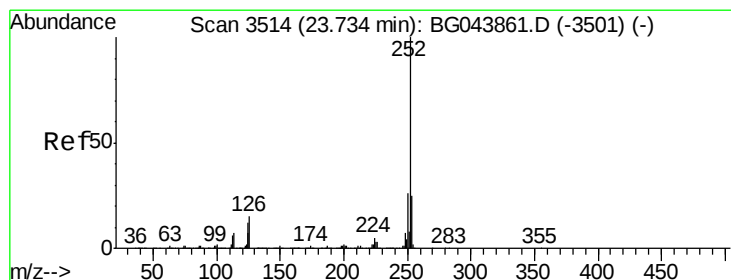
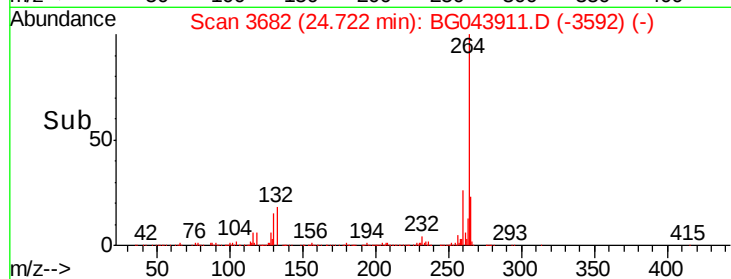
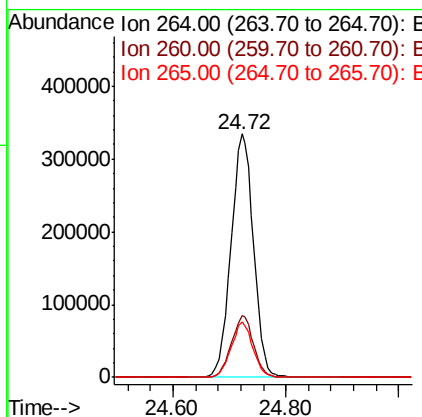
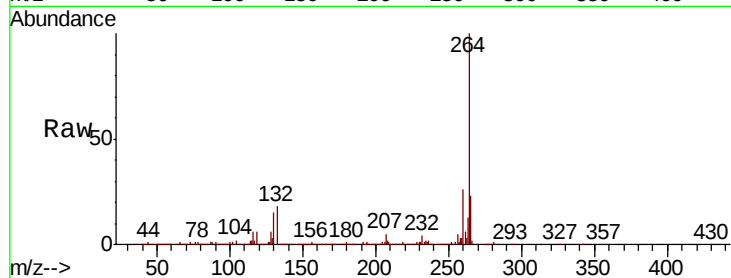
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3682
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.4	30.6
265	22.7	17.4	26.2

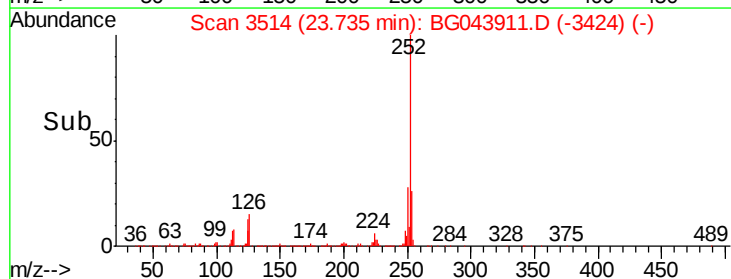
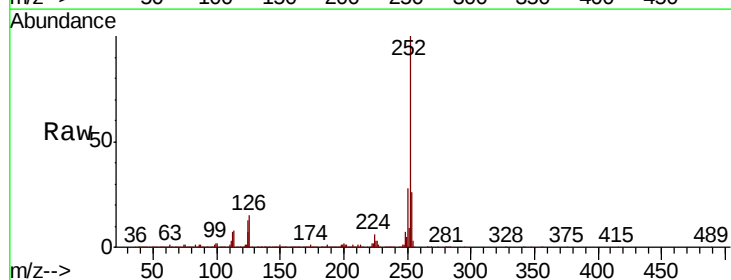
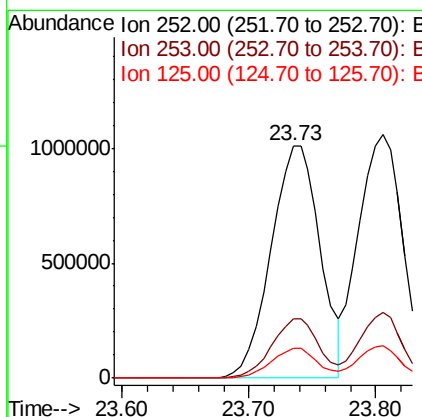
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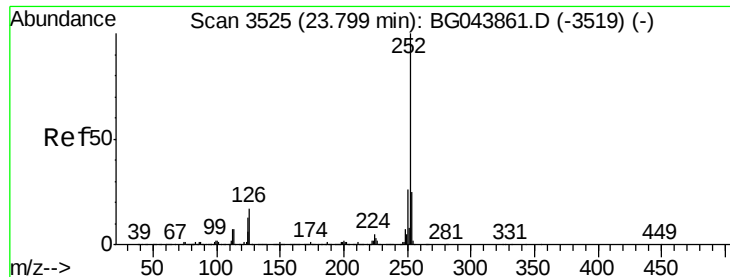
mohammad
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#88
Benzo(b)fluoranthene
Concen: 49.521 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.7	29.5
125	13.0	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 49.375 ng

RT: 23.81 min Scan# 3526

Delta R.T. 0.01 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

Instrument :

BNA_G

ClientSampleId :

PB125896BSD

Tot Ion:252 Resp: 2575137

Ion Ratio Lower Upper

252 100

253 26.9 19.4 29.2

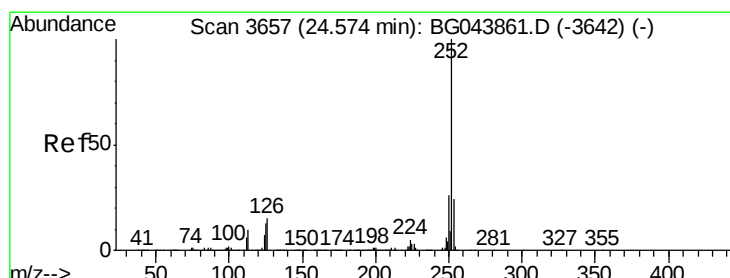
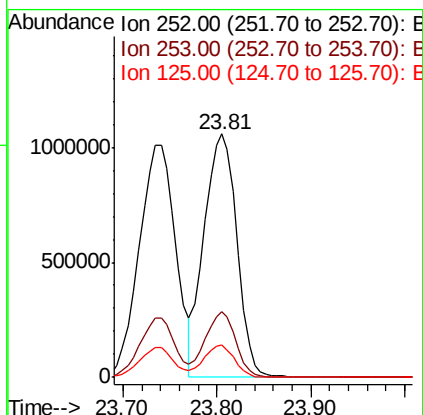
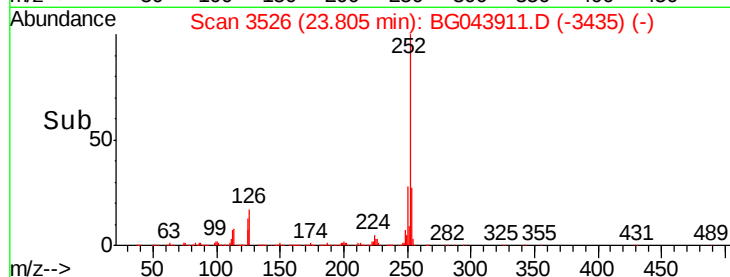
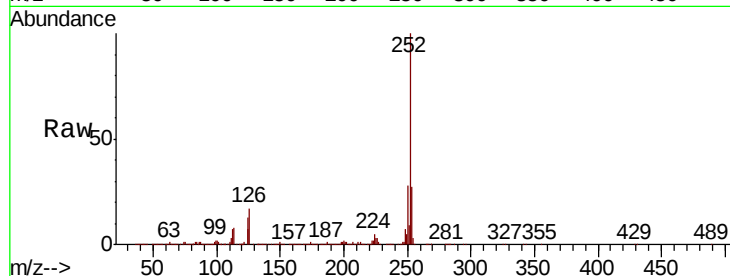
125 13.1 9.9 14.9

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#90

Benzo(a)pyrene

Concen: 48.799 ng

RT: 24.58 min Scan# 3658

Delta R.T. 0.01 min

Lab File: BG043911.D

Acq: 4 Jan 2020 7:40

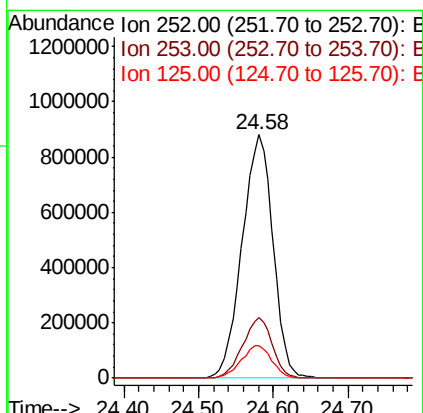
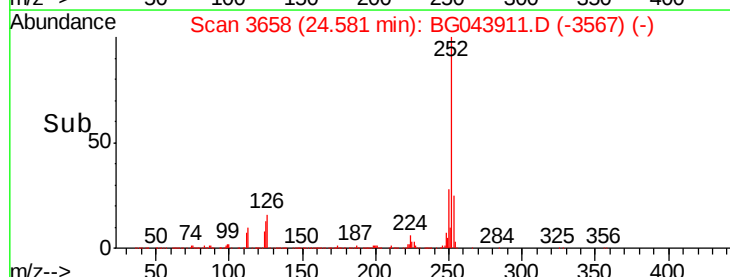
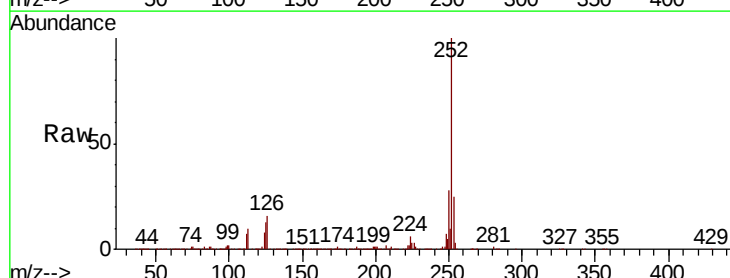
Tgt Ion:252 Resp: 2526044

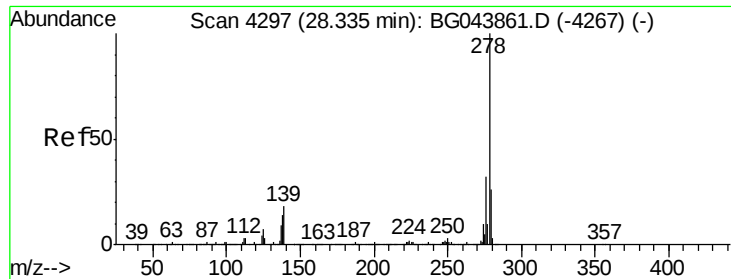
Ion Ratio Lower Upper

252 100

253 24.9 19.3 28.9

125 13.2 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 51.574 ng
RT: 28.35 min Scan# 4299
Delta R.T. 0.01 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

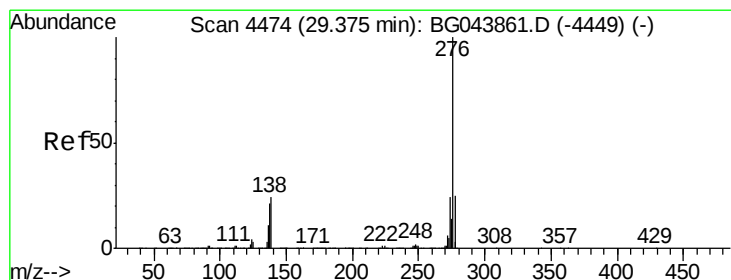
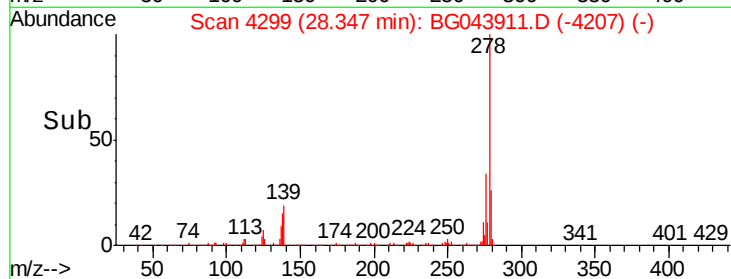
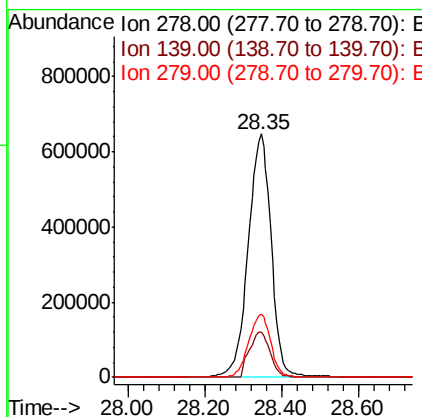
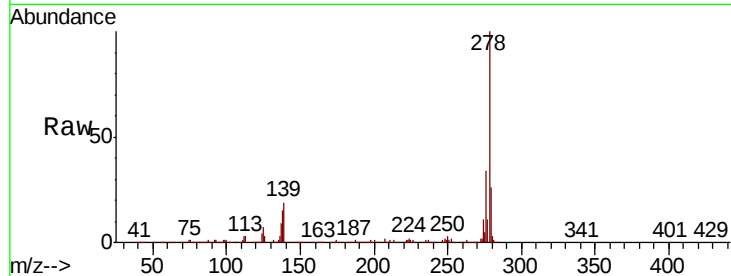
Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Tot Ion:278 Resp: 2681150

Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.2	21.4
279	26.0	20.6	30.8

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#92
Benzo(g,h,i)perylene
Concen: 52.995 ng
RT: 29.39 min Scan# 4477
Delta R.T. 0.02 min
Lab File: BG043911.D
Acq: 4 Jan 2020 7:40

Tgt Ion:276 Resp: 2736594

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.2	30.4
138	23.3	19.0	28.6

