

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042688.D
 Acq On : 3 Sep 2019 14:39
 Operator : HP/JU
 Sample : PB122741BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122741BS

Manual Integrations
 APPROVED

mohammad
 9/6/2019 8:17:26 AM

Quant Time: Sep 04 04:38:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	27895	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	111629	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	83292	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	201523	20.00	ng	0.00
76) Chrysene-d12	21.69	240	222817	20.00	ng	0.00
87) Perylene-d12	24.93	264	260508	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	169938	123.38	ng	0.00
7) Phenol-d6	7.16	99	207649	111.61	ng	0.00
23) Nitrobenzene-d5	9.16	82	111040	68.74	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	150261	126.92	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	375140	76.17	ng	0.00
79) Terphenyl-d14	20.02	244	782388	75.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	22716	39.521	ng	96
3) Pyridine	3.82	79	49627	33.671	ng	96
4) n-Nitrosodimethylamine	3.73	42	23757	45.129	ng	99
6) Aniline	7.31	93	71938	28.990	ng	99
8) 2-Chlorophenol	7.56	128	77622	46.502	ng	96
9) Benzaldehyde	7.12	77	42099	45.198	ng	98
10) Phenol	7.19	94	81449	43.058	ng	94
11) bis(2-Chloroethyl)ether	7.41	93	61085	41.118	ng	91
12) 1,3-Dichlorobenzene	7.89	146	90454	42.597	ng	97
13) 1,4-Dichlorobenzene	8.03	146	91280	42.438	ng	94
14) 1,2-Dichlorobenzene	8.35	146	87293	42.379	ng	99
15) Benzyl Alcohol	8.24	79	57133	42.684	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	74024	36.763	ng	98
17) 2-Methylphenol	8.45	107	58547	42.021	ng	95
18) Hexachloroethane	9.09	117	30549	41.487	ng	93
19) n-Nitroso-di-n-propylamine	8.80	70	44916	37.265	ng	# 92
20) 3+4-Methylphenols	8.78	107	79522	41.247	ng	96
22) Acetophenone	8.82	105	105336	44.119	ng	# 97
24) Nitrobenzene	9.21	77	69465	42.466	ng	100
25) Isophorone	9.73	82	124179	38.952	ng	98
26) 2-Nitrophenol	9.93	139	45886	44.763	ng	100
27) 2,4-Dimethylphenol	9.98	122	71670	50.755	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	80348	39.988	ng	98
29) 2,4-Dichlorophenol	10.47	162	87259	47.231	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	103372	45.585	ng	96
31) Naphthalene	10.87	128	229619	44.305	ng	99
32) Benzoic acid	10.14	122	21739	25.772	ng	95
33) 4-Chloroaniline	10.98	127	62258	26.023	ng	96
34) Hexachlorobutadiene	11.16	225	69607	45.673	ng	99
35) Caprolactam	11.75	113	24358m	39.512	ng	
36) 4-Chloro-3-methylphenol	12.11	107	76376	43.549	ng	96
37) 2-Methylnaphthalene	12.48	142	185227	44.510	ng	99
38) 1-Methylnaphthalene	12.70	142	173778	43.963	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	130779	48.893	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	108986	77.568	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	80814	44.698	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	84324	45.007	nq	99
46) 1,1'-Biphenyl	13.49	154	245794	45.652	nq	96
47) 2-Chloronaphthalene	13.53	162	204969	44.151	nq	99
48) 2-Nitroaniline	13.73	65	44704	39.932	nq	98
49) Acenaphthylene	14.38	152	323838	46.366	nq	98
50) Dimethylphthalate	14.11	163	256563	42.691	nq	99
51) 2,6-Dinitrotoluene	14.23	165	62335	44.748	nq	97
52) Acenaphthene	14.72	154	188009	44.330	nq	99
53) 3-Nitroaniline	14.56	138	43521	31.239	nq	98
54) 2,4-Dinitrophenol	14.78	184	51257	56.574	nq	97
55) Dibenzofuran	15.06	168	328788	46.835	nq	98
56) 4-Nitrophenol	14.88	139	81581	82.409	nq	94
57) 2,4-Dinitrotoluene	15.03	165	88977	44.605	nq	97
58) Fluorene	15.71	166	270102	47.067	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.29	232	90565	48.879	nq	96
60) Diethylphthalate	15.47	149	251825	42.864	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	158289	45.757	nq	99
62) 4-Nitroaniline	15.73	138	62045	41.612	nq	92
63) Azobenzene	15.99	77	172481	42.846	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	50574	40.028	nq	98
66) n-Nitrosodiphenylamine	15.91	169	246505	44.479	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	112409	43.975	nq	99
68) Hexachlorobenzene	16.72	284	120674	43.427	nq	98
69) Atrazine	16.86	200	94281	48.107	nq	97
70) Pentachlorophenol	17.07	266	113636	78.706	nq	99
71) Phenanthrene	17.45	178	462851	46.239	nq	98
72) Anthracene	17.54	178	473946	47.428	nq	98
73) Carbazole	17.81	167	414029	46.488	nq	98
74) Di-n-butylphthalate	18.37	149	462803	43.960	nq	100
75) Fluoranthene	19.47	202	613716	50.237	nq	96
77) Benzidine	19.64	184	232716	36.429	nq	98
78) Pyrene	19.83	202	620980	45.457	nq	97
80) Butylbenzylphthalate	20.71	149	219947	40.935	nq	96
81) Benzo(a)anthracene	21.67	228	618347	45.620	nq	97
82) 3,3'-Dichlorobenzidine	21.58	252	197185	36.172	nq	99
83) Chrysene	21.74	228	596797	45.655	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	317194	42.518	nq	98
85) Di-n-octyl phthalate	22.78	149	549727	42.844	nq	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	761218	42.851	nq	# 96
88) Benzo(b)fluoranthene	23.90	252	675789	47.186	nq	98
89) Benzo(k)fluoranthene	23.97	252	658573	47.840	nq	# 97
90) Benzo(a)pyrene	24.78	252	660907	48.631	nq	98
91) Dibenzo(a,h)anthracene	28.70	278	631612	45.902	nq	99
92) Benzo(g,h,i)perylene	29.80	276	624939	45.410	nq	96

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



#1

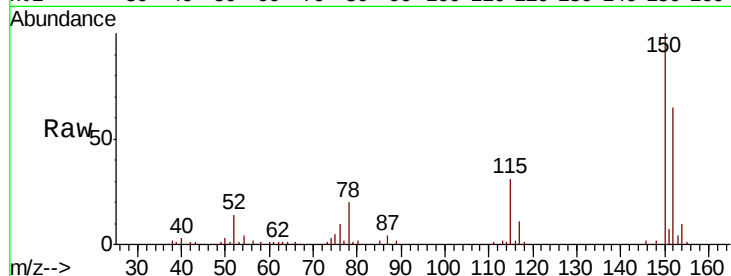
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.4	188.0
115	47.1	38.5	57.7

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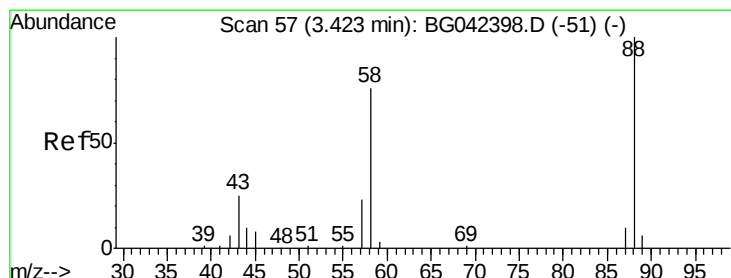
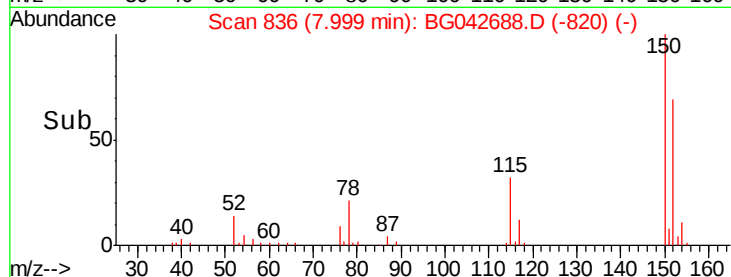
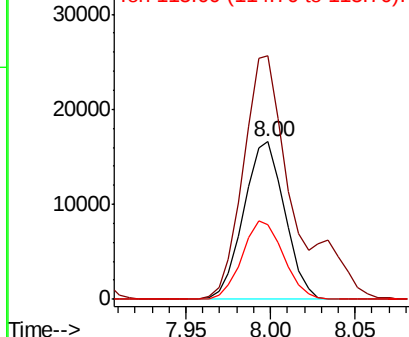


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

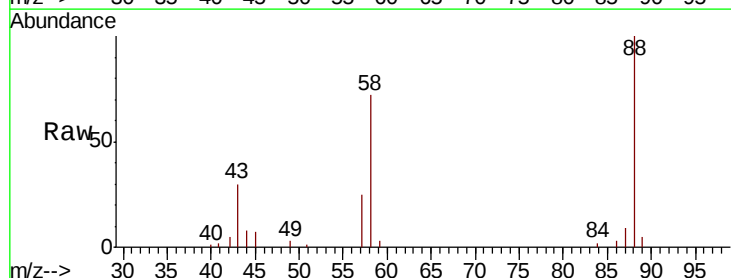
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.521 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	58.3	87.5
43	29.8	20.2	30.2

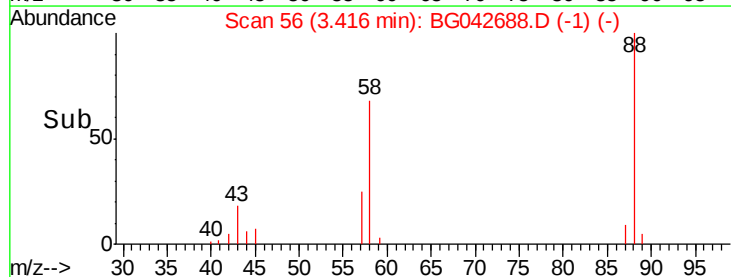
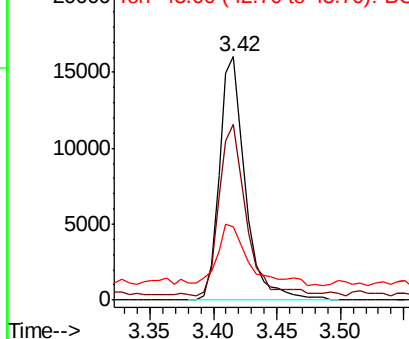


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.671 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Instrument :

BNA_G

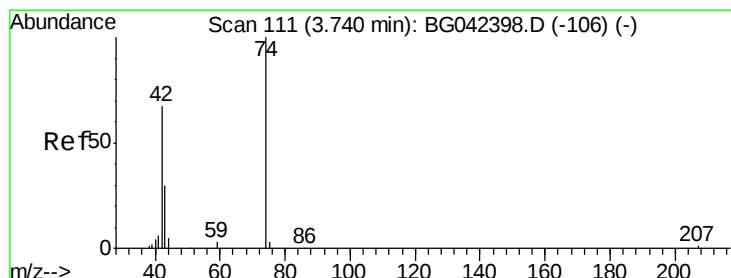
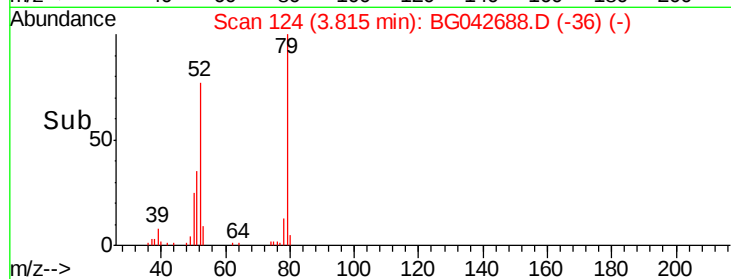
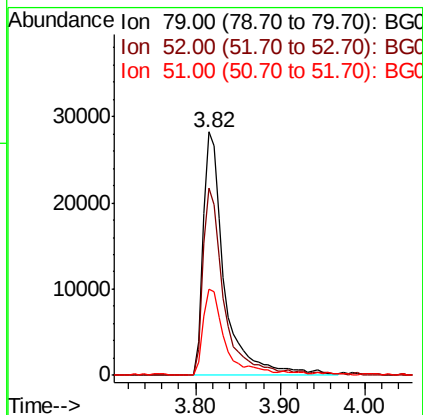
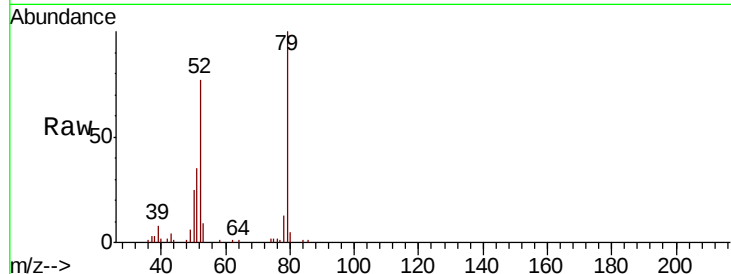
ClientSampleId :

PB122741BS

Tot Ion:	79	Resp:	49627
Ion	Ratio	Lower	Upper
79	100		
52	77.0	57.7	86.5
51	35.5	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 45.129 ng

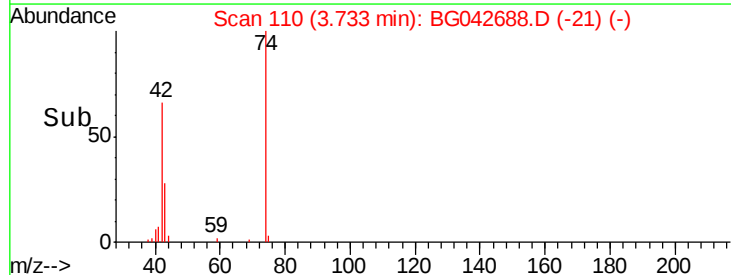
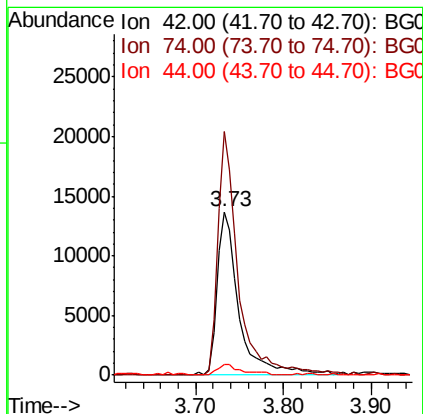
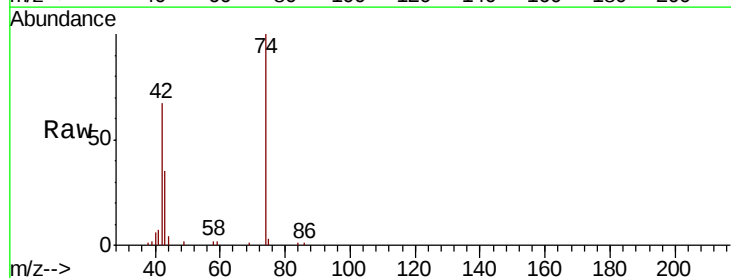
RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Tgt Ion:	42	Resp:	23757
Ion	Ratio	Lower	Upper
42	100		
74	148.8	119.6	179.4
44	6.6	6.5	9.7





#5

2-Fluorophenol

Concen: 123.382 ng

RT: 5.55 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Instrument :

BNA_G

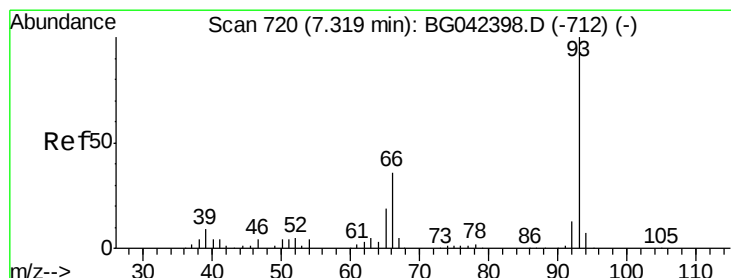
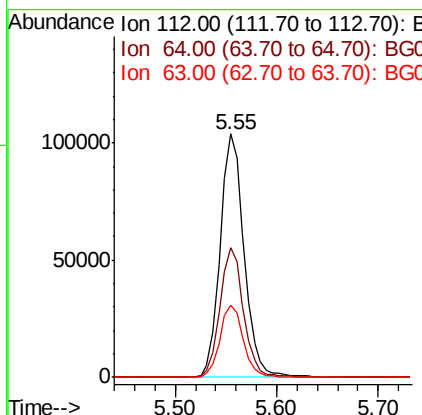
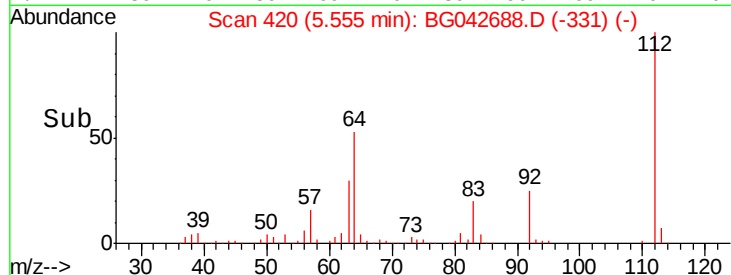
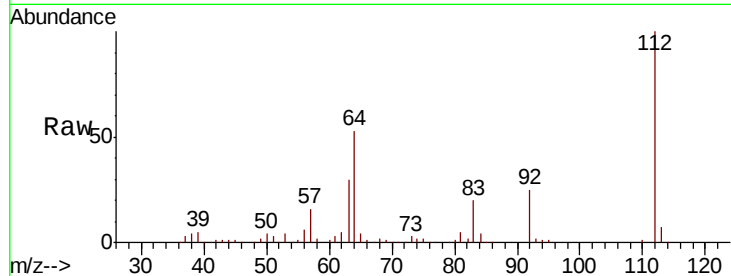
ClientSampleId :

PB122741BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	169938		
64	53.2	42.8	64.2	
63	29.9	22.7	34.1	

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#6

Aniline

Concen: 28.990 ng

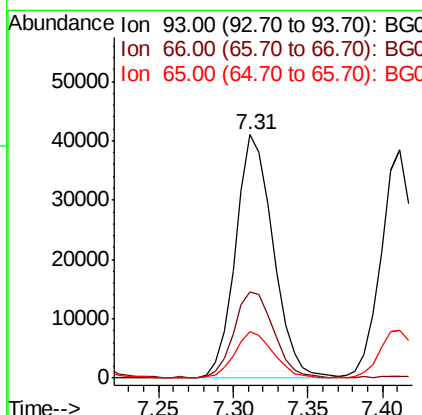
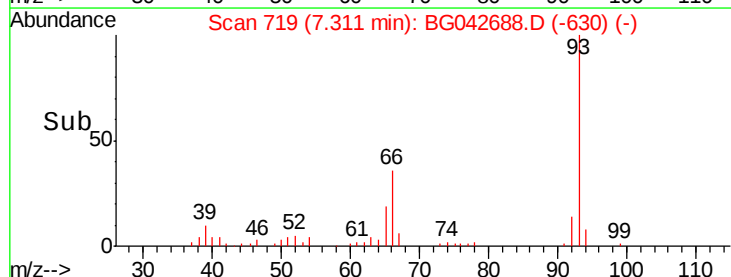
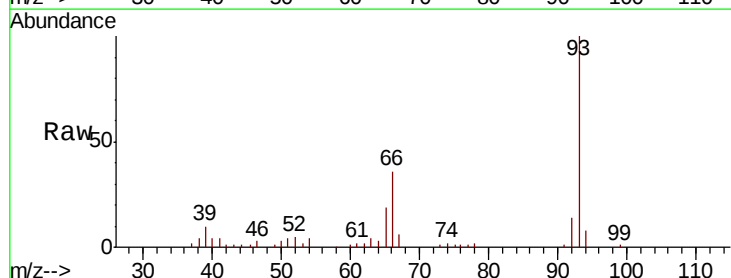
RT: 7.31 min Scan# 719

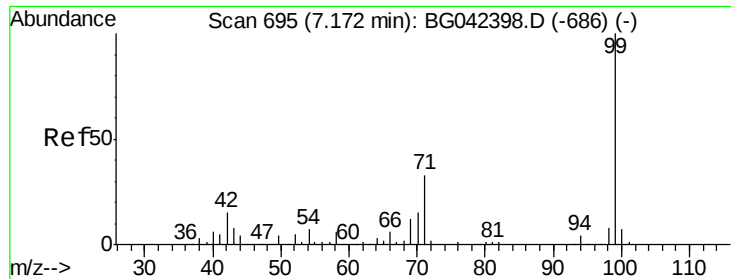
Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	71938		
66	35.6	29.0	43.6	
65	19.4	15.2	22.8	





#7

Phenol-d6

Concen: 111.611 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Instrument :

BNA_G

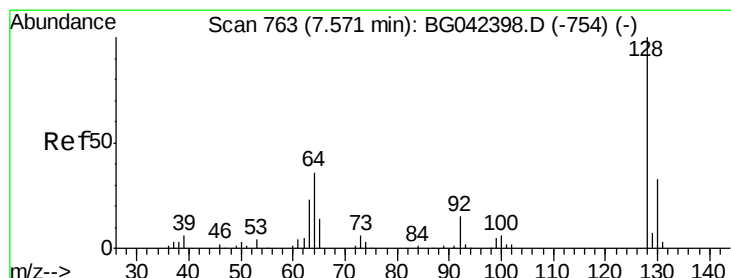
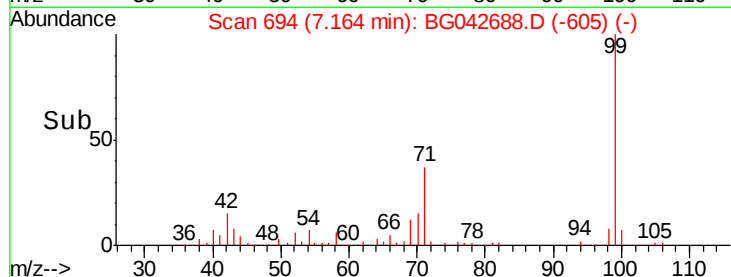
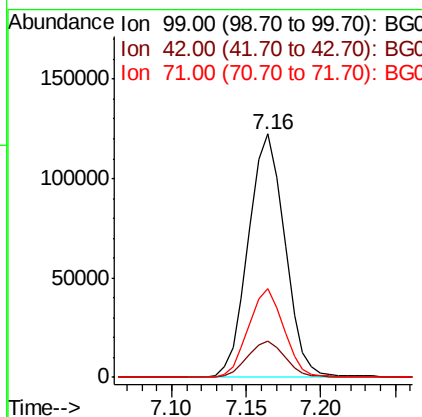
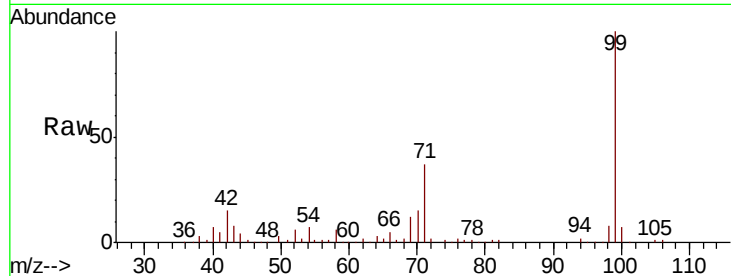
ClientSampleId :

PB122741BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		207649		
42	14.7	12.0	18.0		
71	36.5	26.3	39.5		

Manual Integrations
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#8

2-Chlorophenol

Concen: 46.502 ng

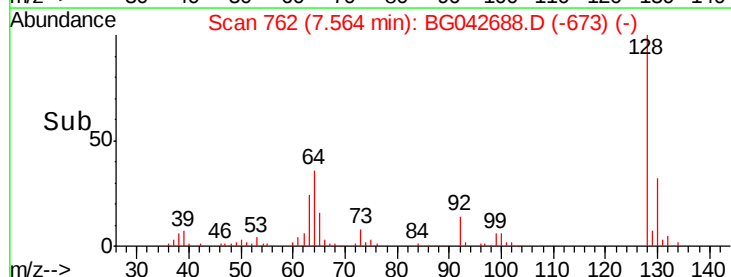
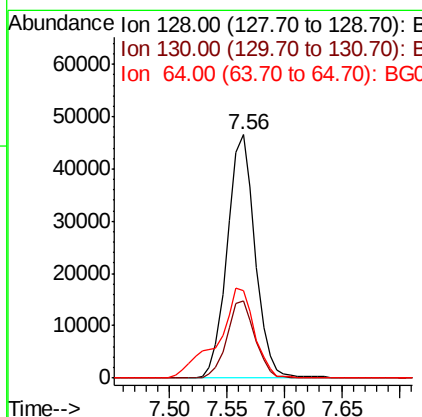
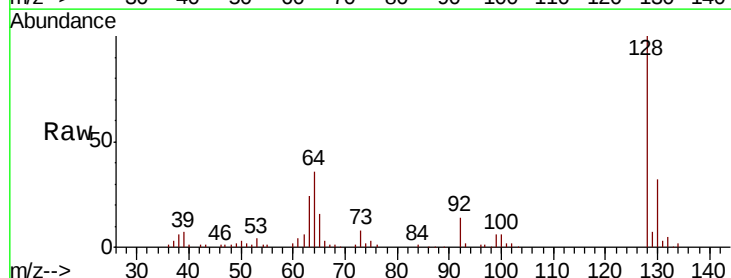
RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		77622		
130	31.8	12.8	52.8		
64	35.8	19.2	59.2		





#9

Benzaldehyde

Concen: 45.198 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB122741BS

Tot Ion: 77 Resp: 42099

Ion Ratio Lower Upper

77 100

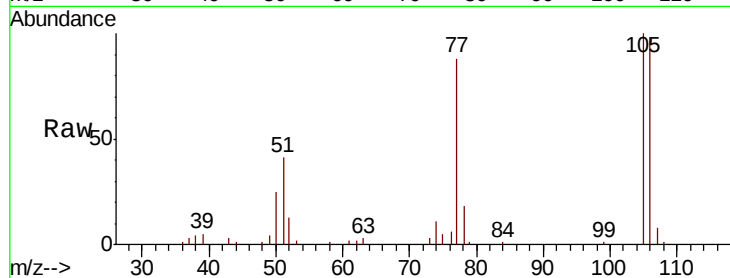
105 114.2 93.4 133.4

106 112.0 88.4 128.4

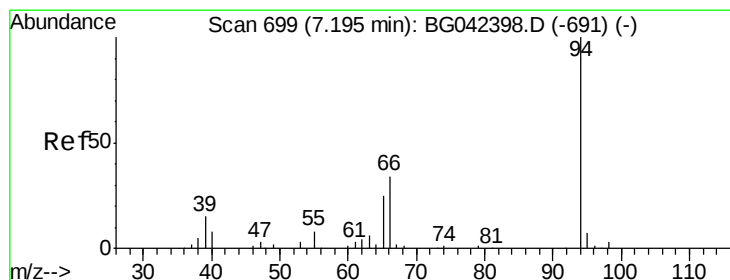
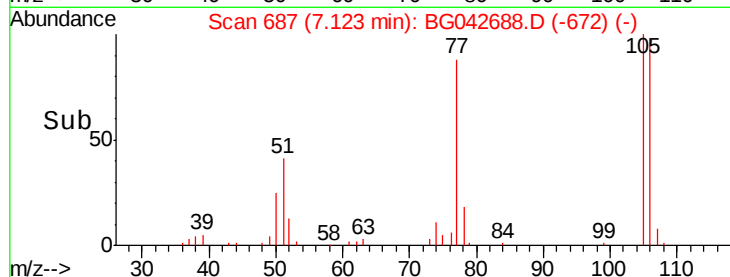
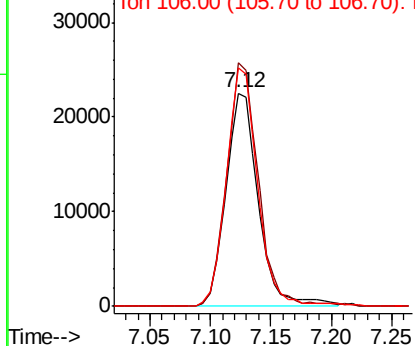
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.058 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

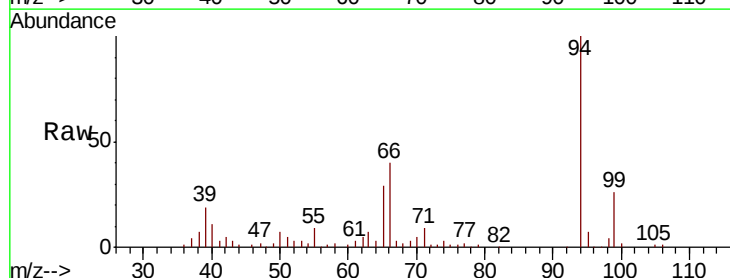
Tgt Ion: 94 Resp: 81449

Ion Ratio Lower Upper

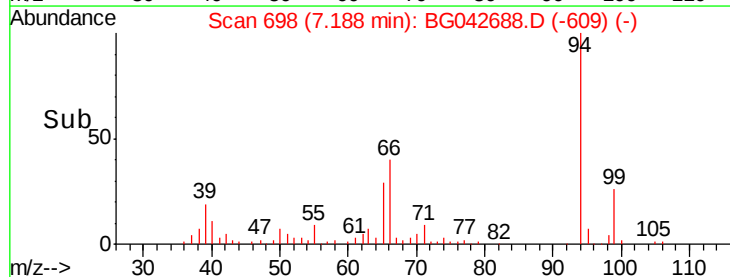
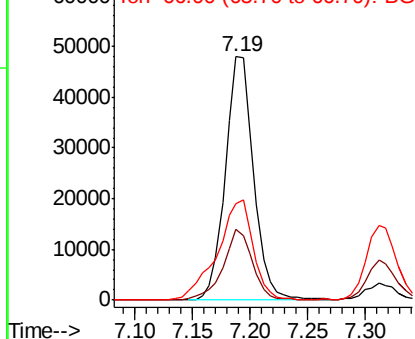
94 100

65 28.8 5.6 45.6

66 39.7 16.0 56.0



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





#11

bis(2-Chloroethyl)ether

Concen: 41.118 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Instrument :

BNA_G

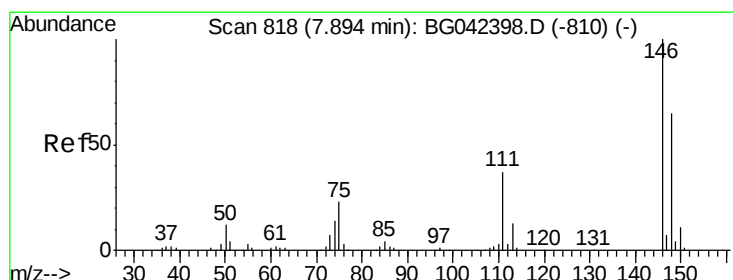
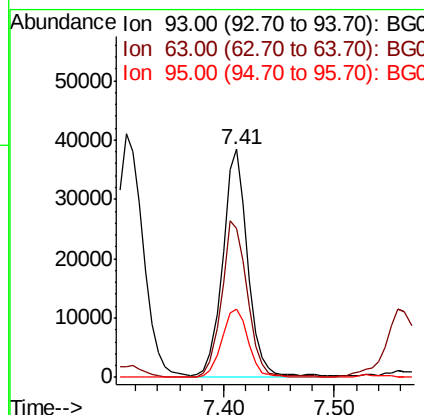
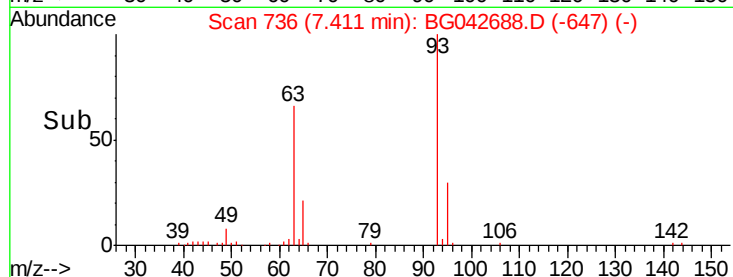
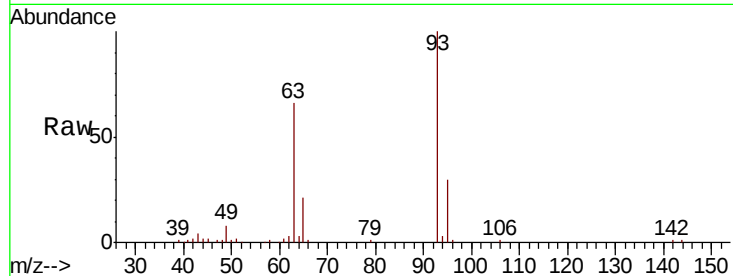
ClientSampleId :

PB122741BS

Tot Ion:	93	Resp:	61085
Ion	Ratio	Lower	Upper
93	100		
63	65.6	53.8	93.8
95	29.7	13.1	53.1

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#12

1,3-Dichlorobenzene

Concen: 42.597 ng

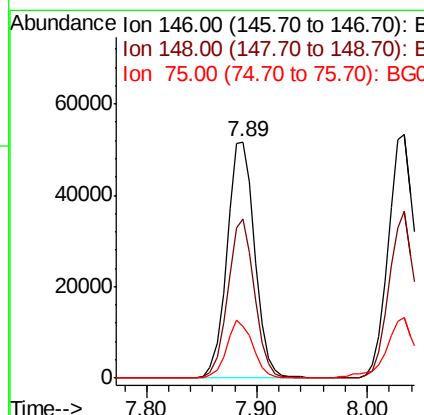
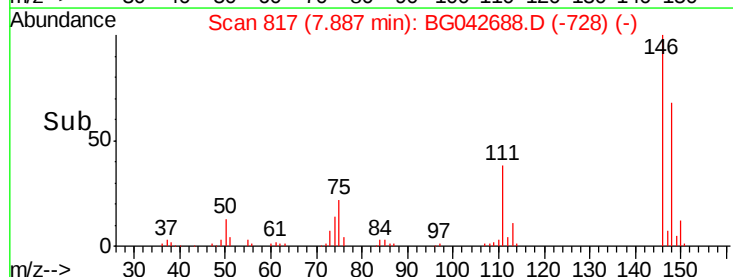
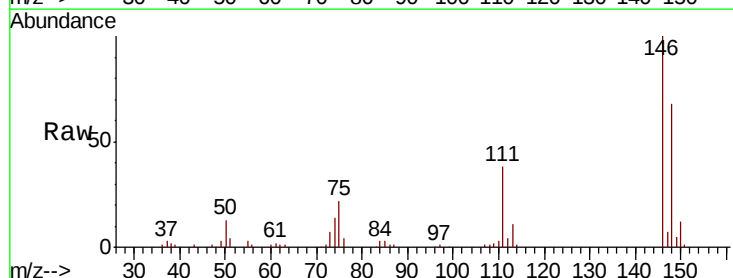
RT: 7.89 min Scan# 817

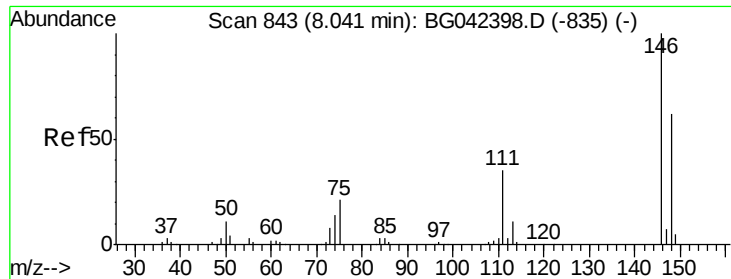
Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Tgt Ion:	146	Resp:	90454
Ion	Ratio	Lower	Upper
146	100		
148	67.7	52.2	78.2
75	21.8	18.0	27.0





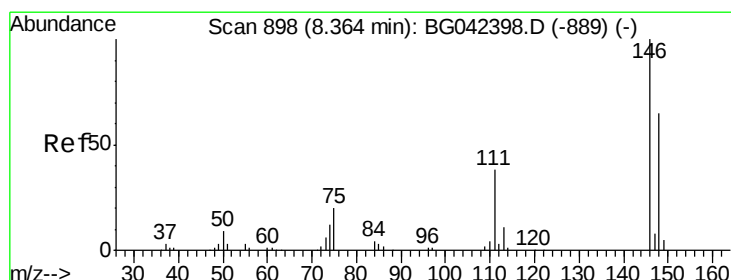
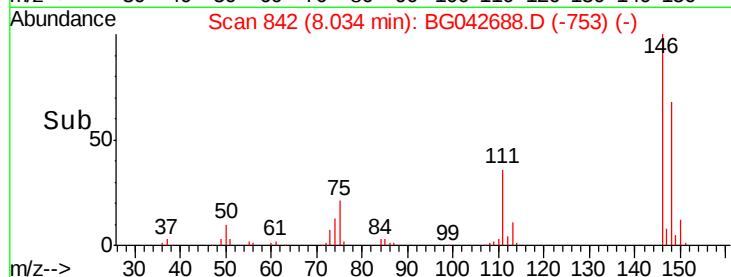
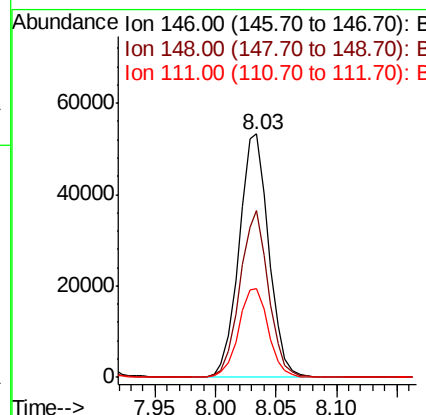
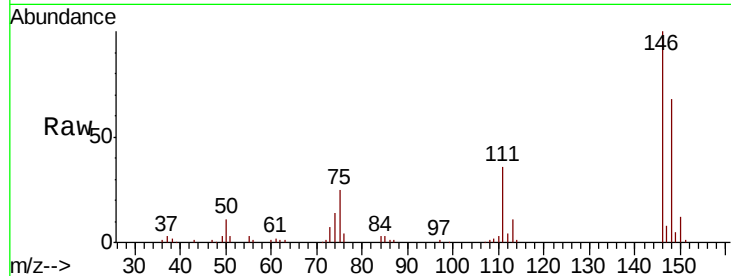
#13
 1,4-Dichlorobenzene
 Concen: 42.438 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Instrument :
 BNA_G
 ClientSampleId :
 PB122741BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.3	49.5	74.3
111	36.4	28.1	42.1

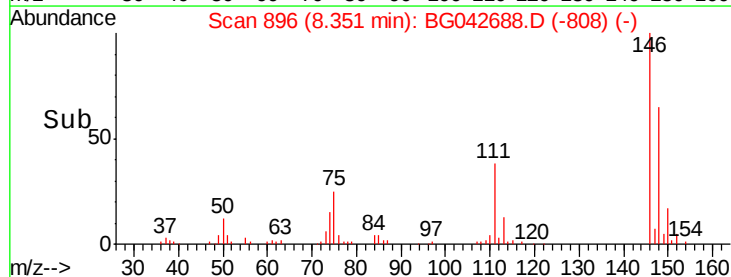
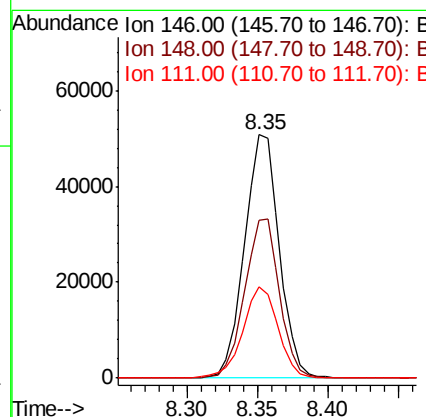
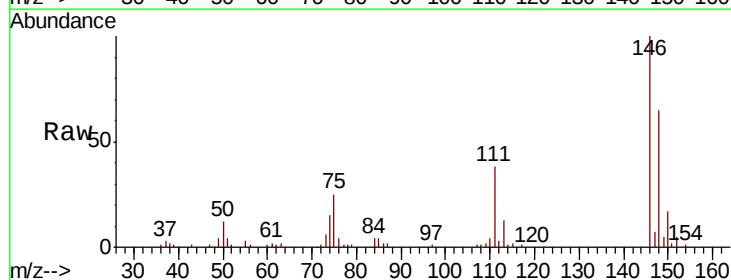
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#14
 1,2-Dichlorobenzene
 Concen: 42.379 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.6
111	37.6	30.9	46.3





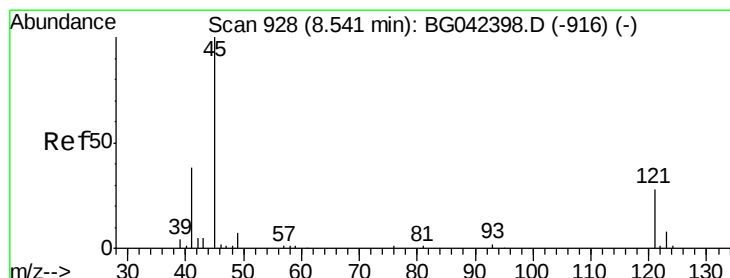
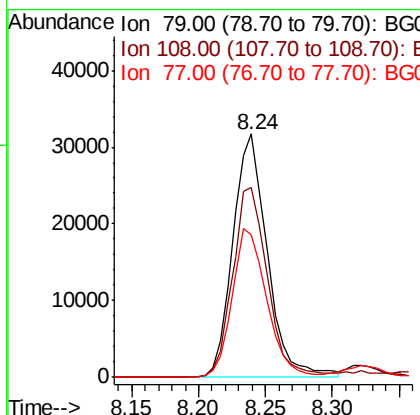
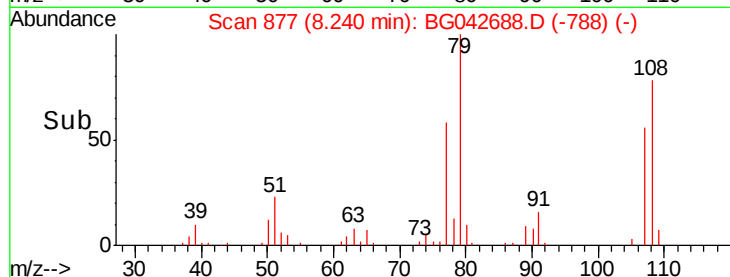
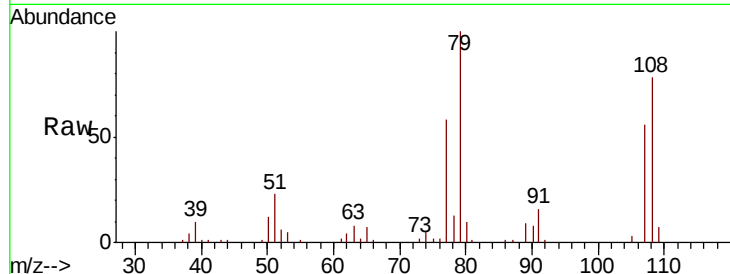
#15
Benzyl Alcohol
Concen: 42.684 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.1	67.4	101.2
77	58.3	50.8	76.2

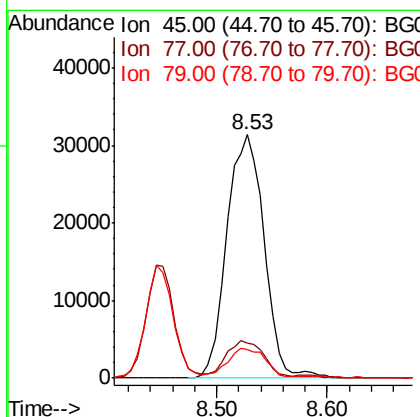
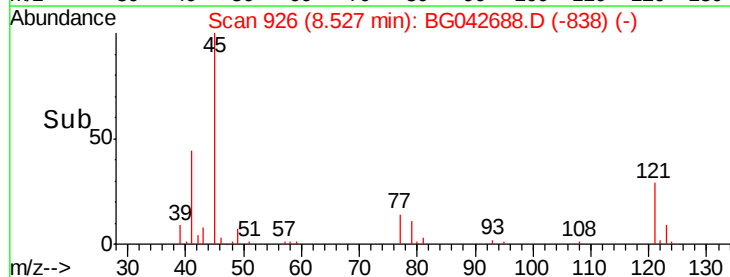
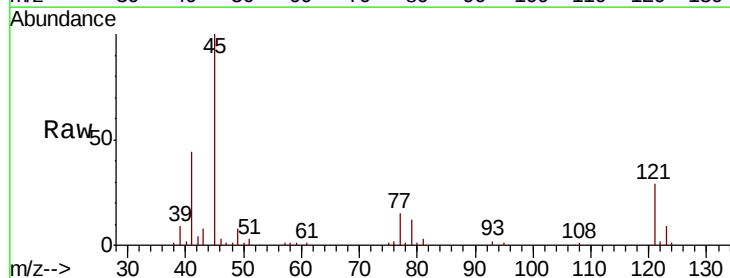
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.763 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	35.6
79	11.9	0.0	31.6





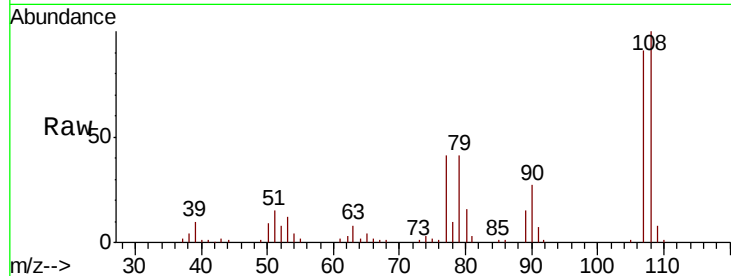
#17
2-Methylphenol
Concen: 42.021 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Tot Ion:	107	Resp:	58547
Ion Ratio	Lower	Upper	
107	100		
108	109.6	92.9	139.3
77	45.3	34.4	51.6
79	45.1	33.8	50.6

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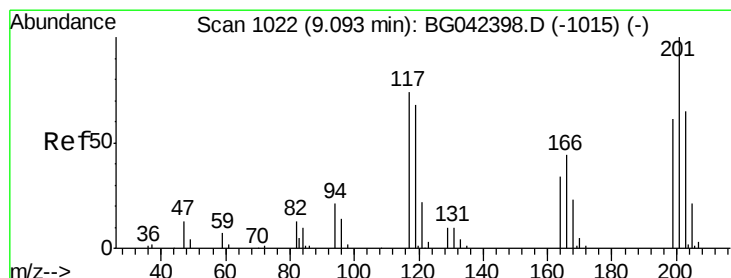
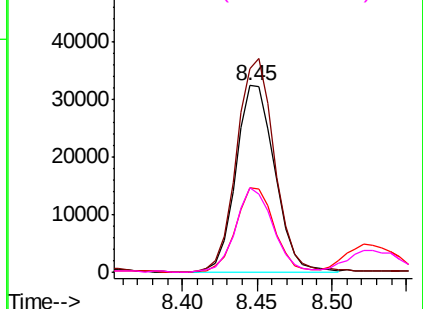
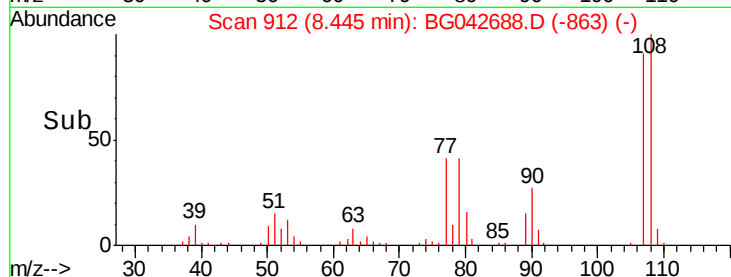
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

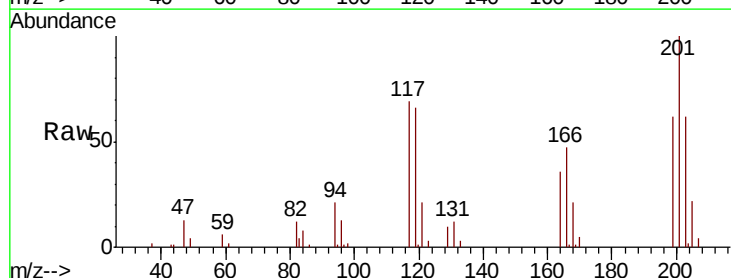
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.487 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion:	117	Resp:	30549
Ion Ratio	Lower	Upper	
117	100		
119	96.2	73.8	110.8
201	145.8	108.3	162.5

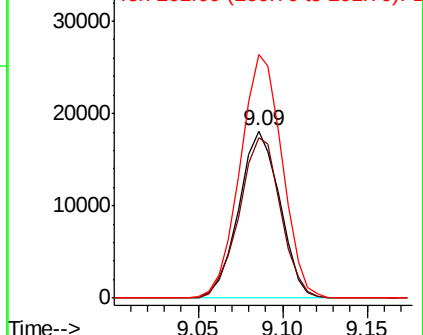
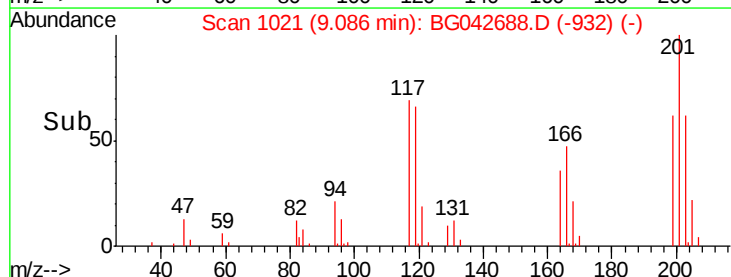


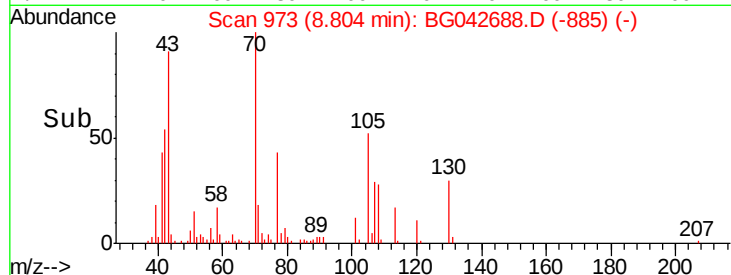
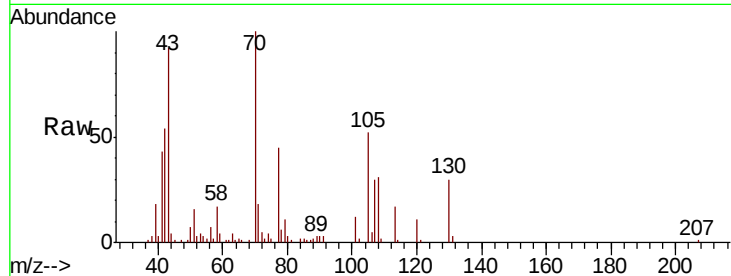
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





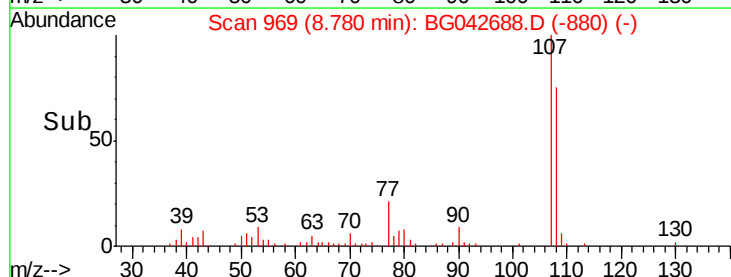
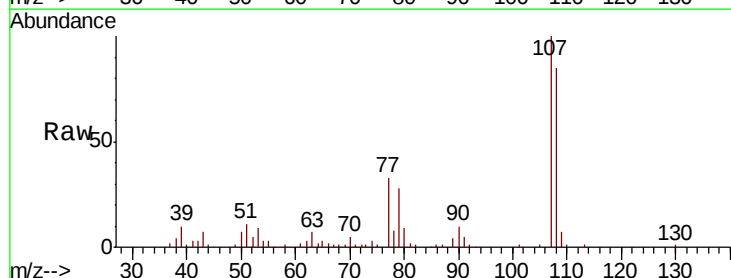
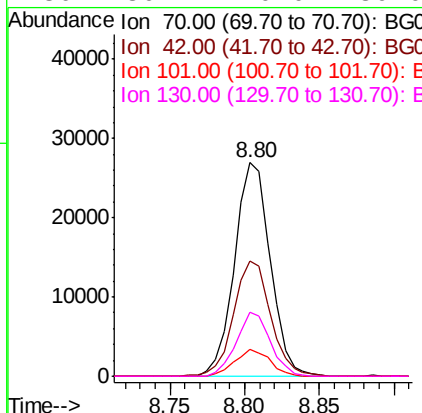
#19
n-Nitroso-di-n-propylamine
Concen: 37.265 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		44916		
42	53.7	38.8	58.2		
101	12.3	9.0	13.6		
130	30.1	20.0	30.0#		

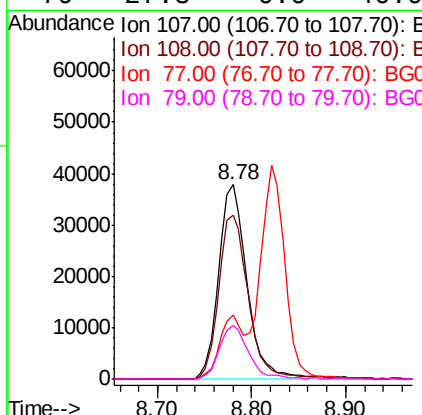
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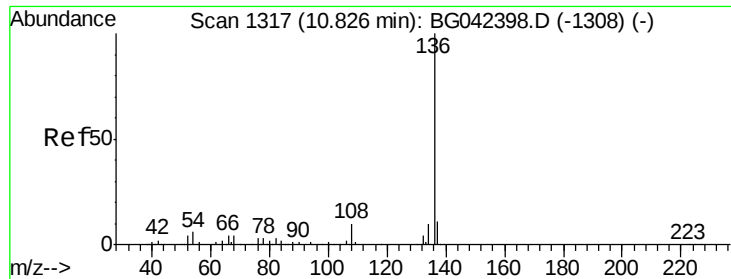
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#20
3+4-Methylphenols
Concen: 41.247 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		79522		
108	84.6	68.7	108.7		
77	32.9	10.2	50.2		
79	27.8	6.9	46.9		





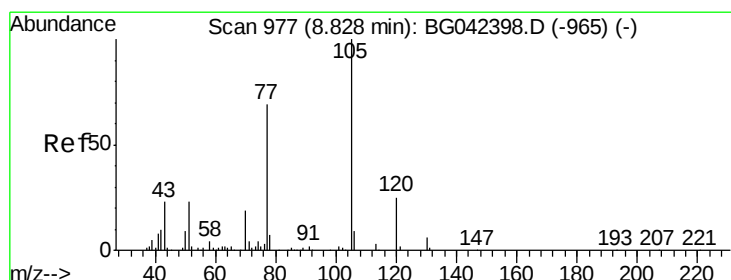
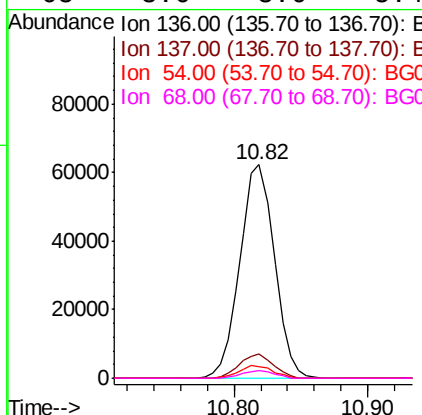
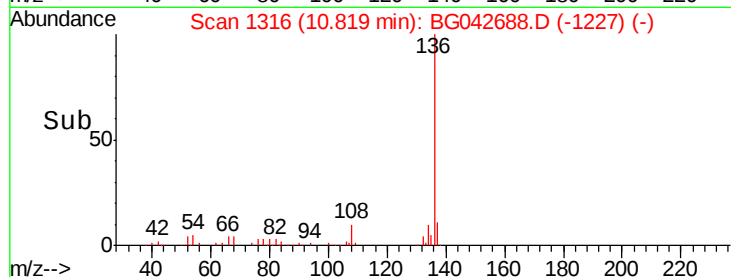
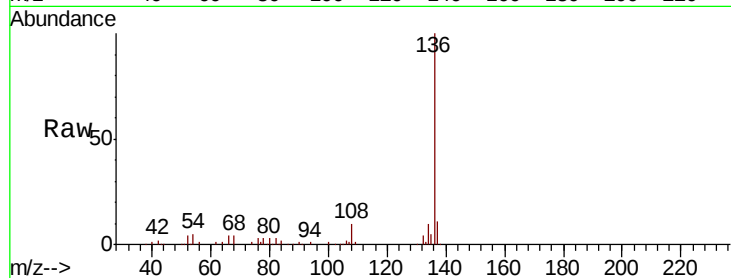
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	111629		
137	11.5	8.7	13.1	
54	5.3	4.9	7.3	
68	3.6	3.6	5.4	

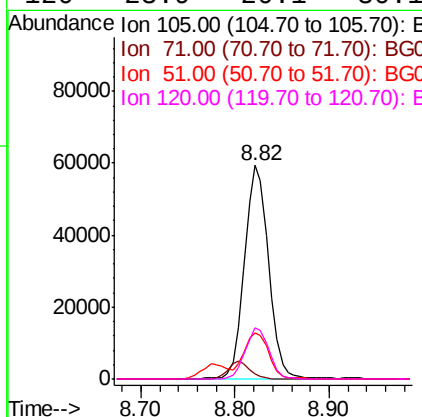
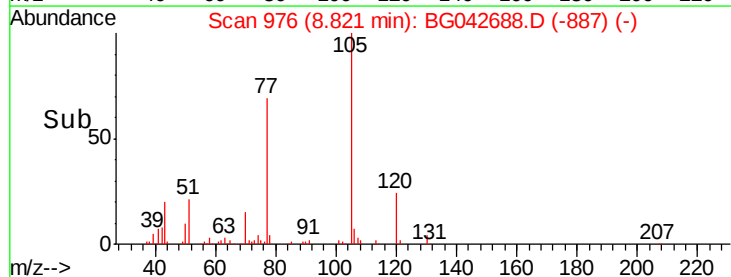
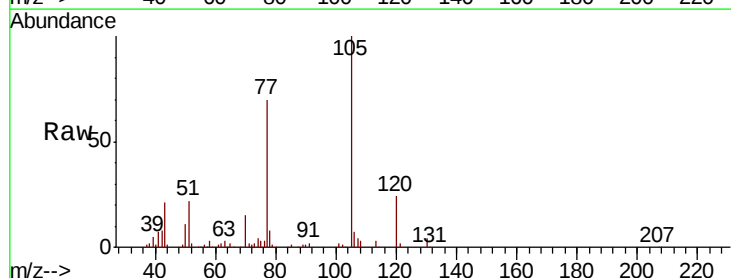
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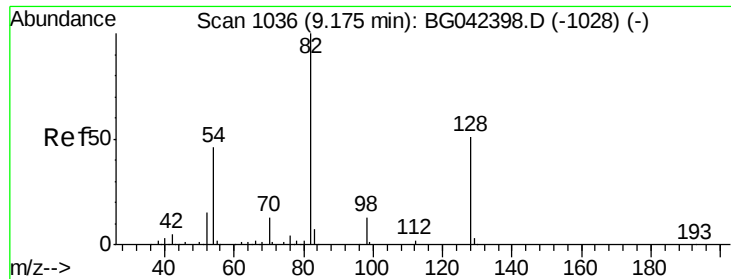
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#22
Acetophenone
Concen: 44.119 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	105336		
71	2.4	2.8	4.2#	
51	21.7	18.7	28.1	
120	23.9	20.1	30.1	





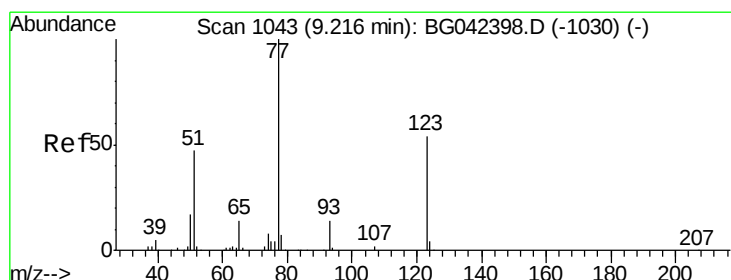
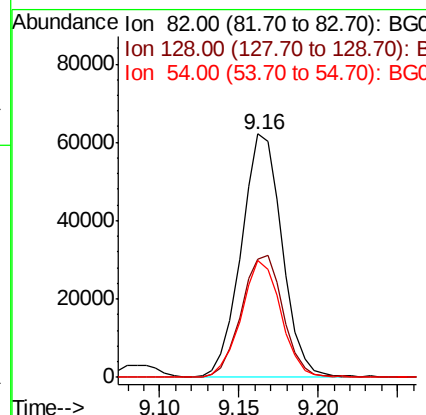
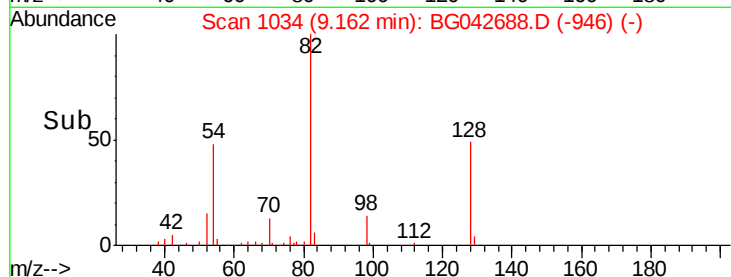
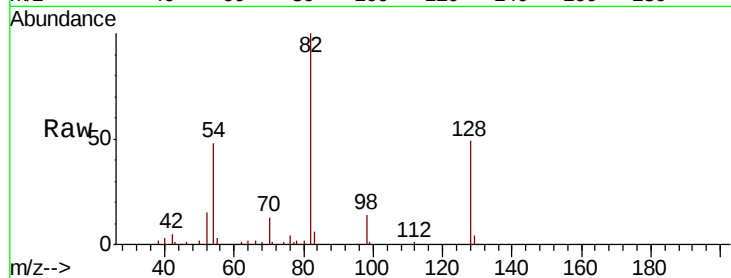
#23
 Nitrobenzene-d5
 Concen: 68.739 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Instrument :
 BNA_G
 ClientSampleId :
 PB122741BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	40.7	61.1
54	48.1	36.3	54.5

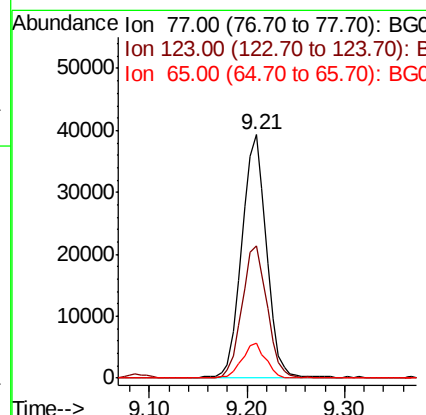
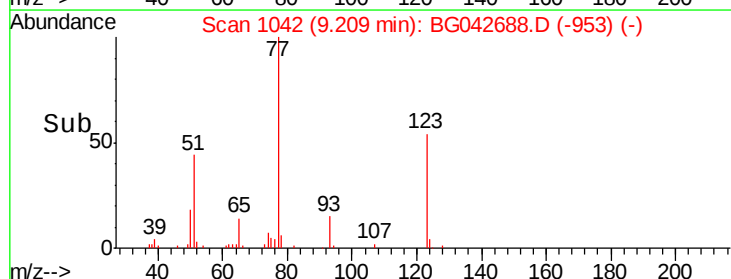
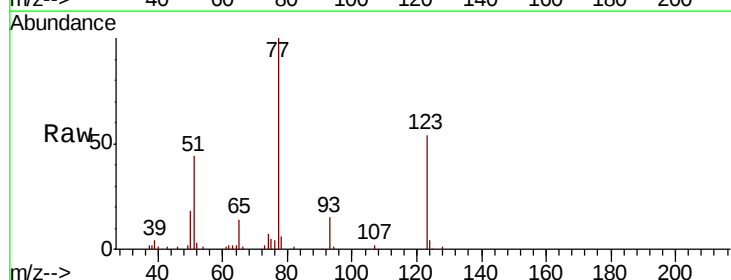
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#24
 Nitrobenzene
 Concen: 42.466 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.1	43.4	65.0
65	14.3	11.0	16.6





#25

Isophorone

Concen: 38.952 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Instrument :

BNA_G

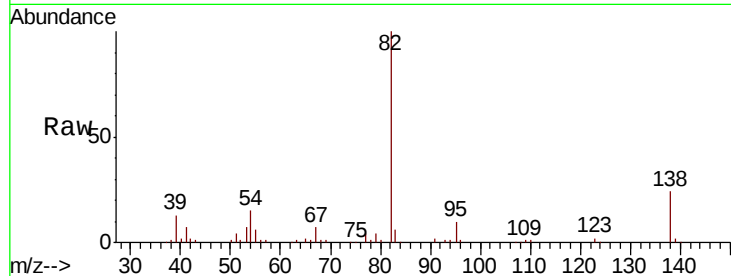
ClientSampleId :

PB122741BS

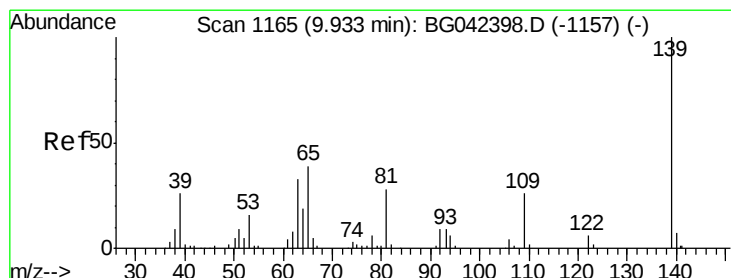
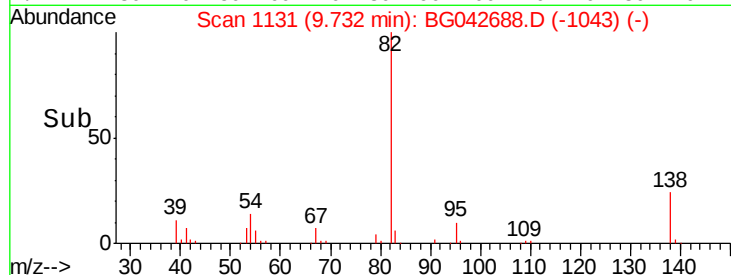
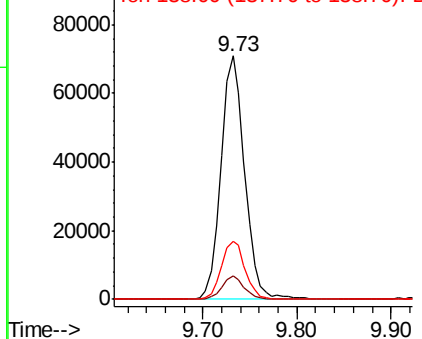
Tot Ion:	82	Resp:	124179
Ion Ratio	Lower	Upper	
82	100		
95	9.8	6.6	9.8
138	24.0	18.6	27.8

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 44.763 ng

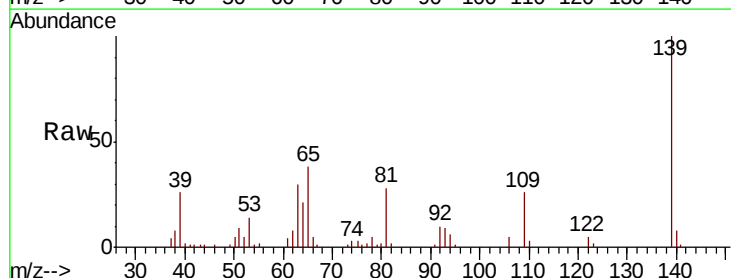
RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

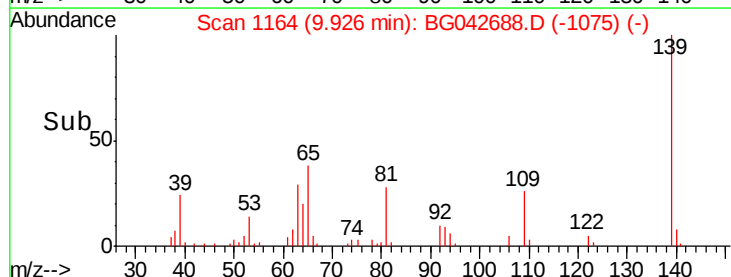
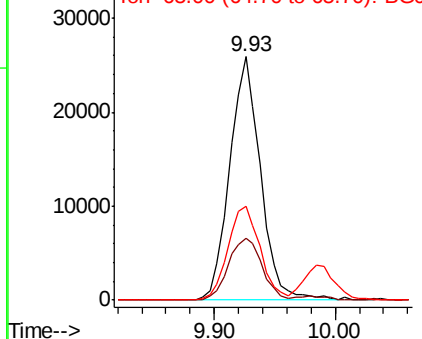
Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Tgt Ion:	139	Resp:	45886
Ion Ratio	Lower	Upper	
139	100		
109	25.6	20.5	30.7
65	38.5	30.9	46.3



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





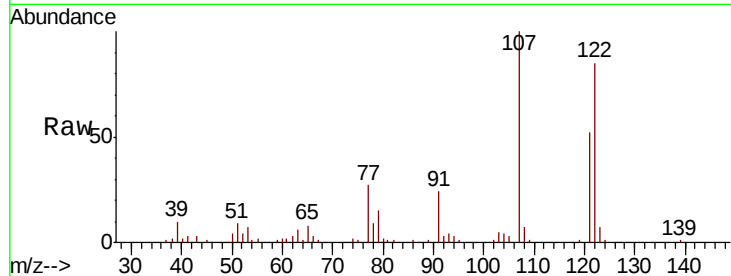
#27
2,4-Dimethylphenol
Concen: 50.755 ng
RT: 9.98 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		71670		
107	117.8	90.8	136.2		
121	61.6	49.6	74.4		

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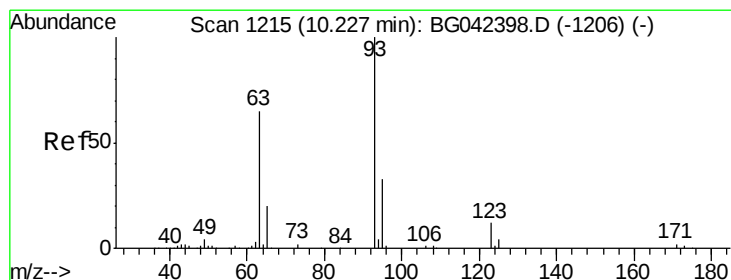
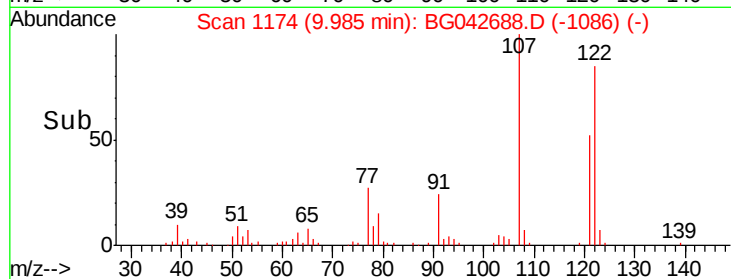
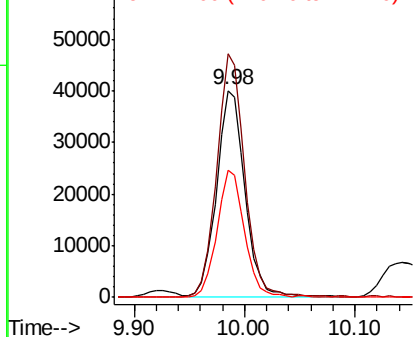


Abundance

Ion 122.00 (121.70 to 122.70): E

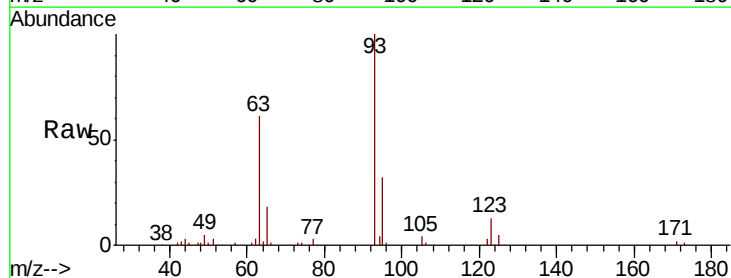
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.988 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		80348		
95	32.2	26.6	40.0		
123	13.4	10.1	15.1		

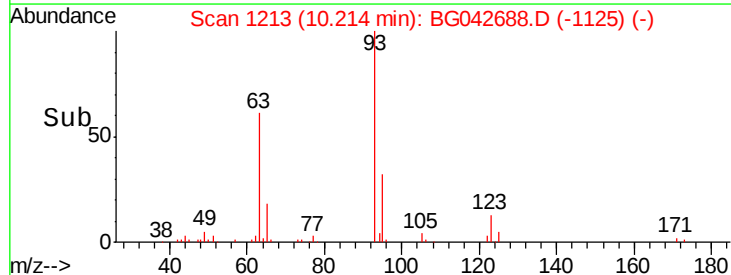
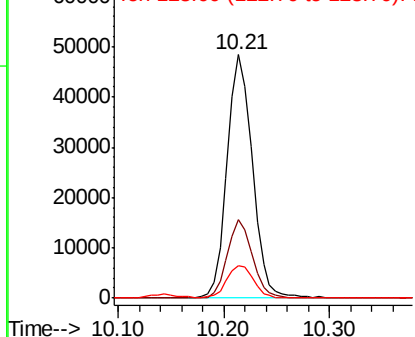


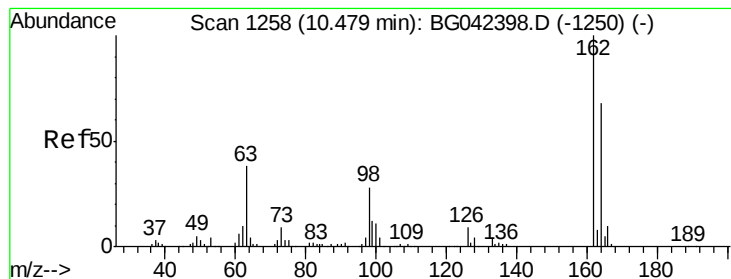
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.231 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB122741BS

Tot Ion:162 Resp: 87259

Ion Ratio Lower Upper

162 100

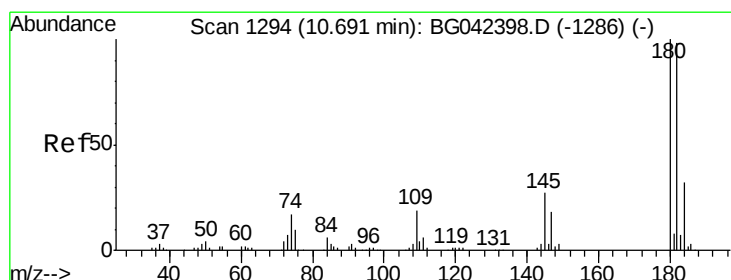
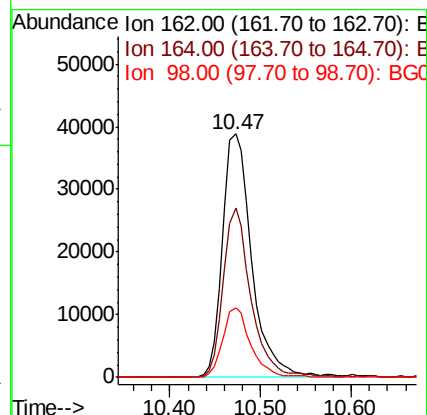
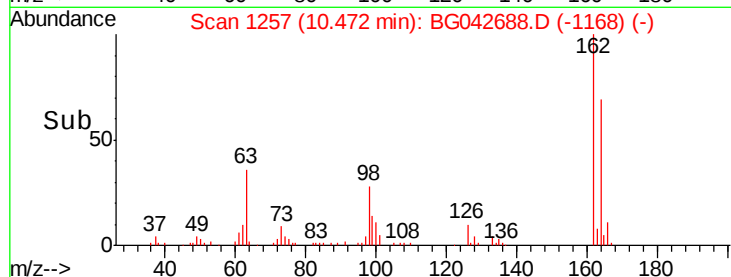
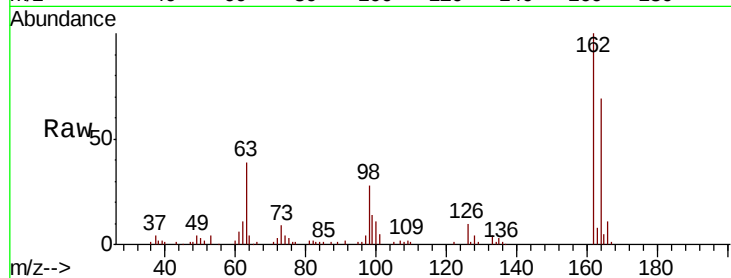
164 69.4 48.1 88.1

98 28.4 7.6 47.6

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#30

1,2,4-Trichlorobenzene

Concen: 45.585 ng

RT: 10.68 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

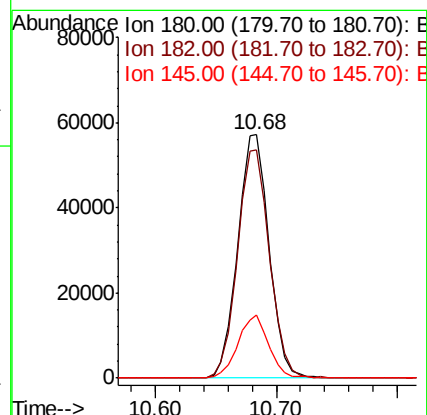
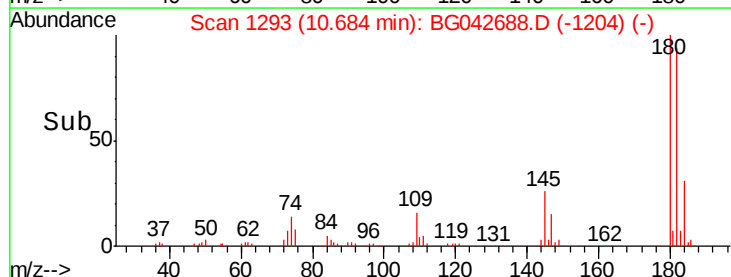
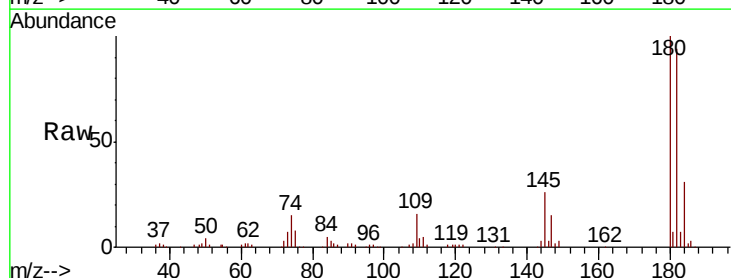
Tgt Ion:180 Resp: 103372

Ion Ratio Lower Upper

180 100

182 93.7 78.7 118.1

145 25.8 21.6 32.4





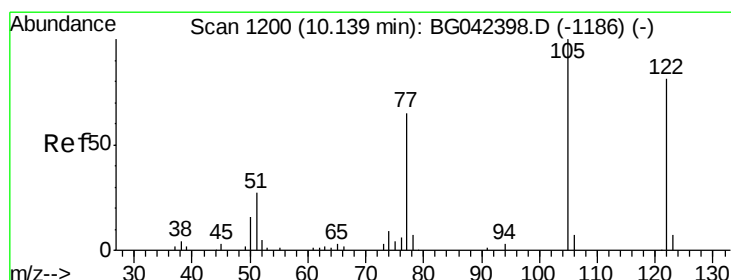
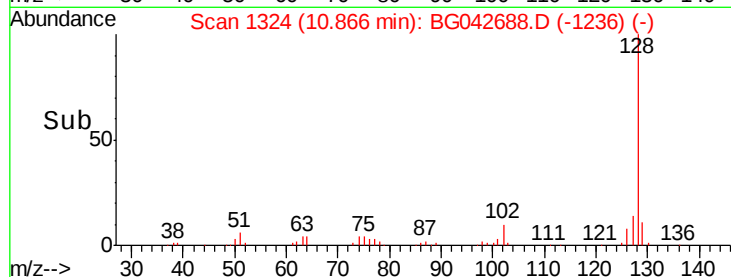
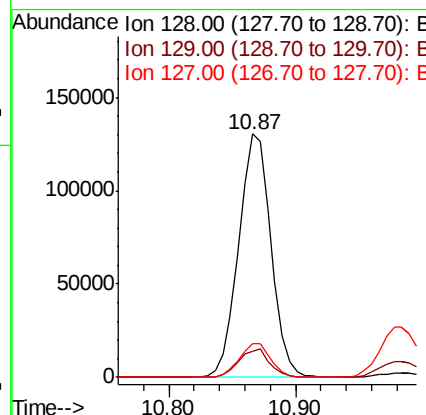
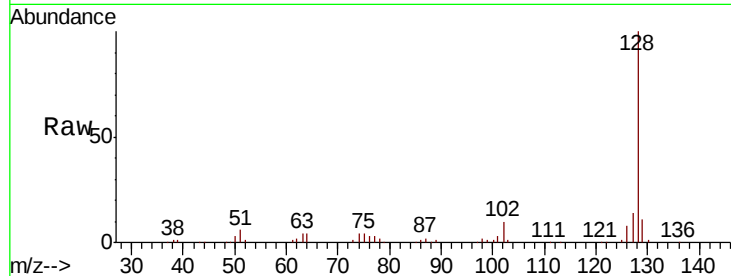
#31
Naphthalene
Concen: 44.305 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	229619		
129	10.9		8.8	13.2
127	13.9		11.4	17.0

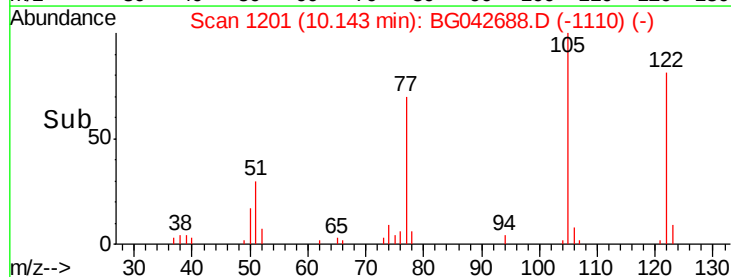
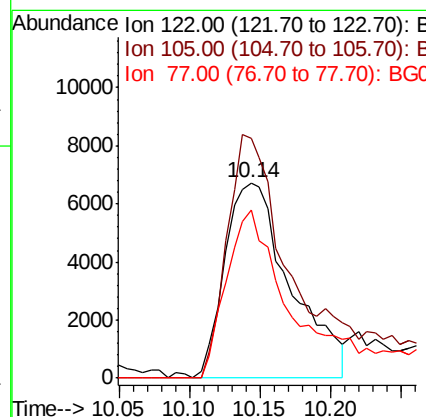
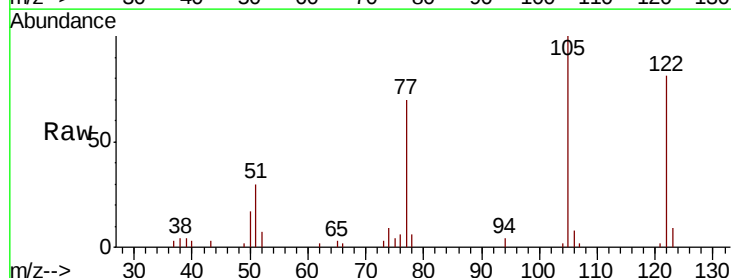
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#32
Benzoic acid
Concen: 25.772 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	21739		
105	122.8		99.6	139.6
77	86.2		59.5	99.5





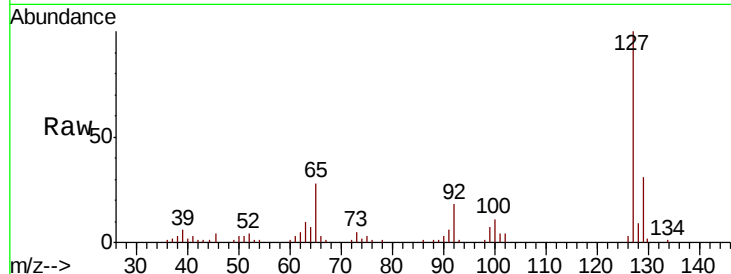
#33
4-Chloroaniline
Concen: 26.023 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.8	40.2
65	27.8	20.7	31.1
92	17.7	13.6	20.4

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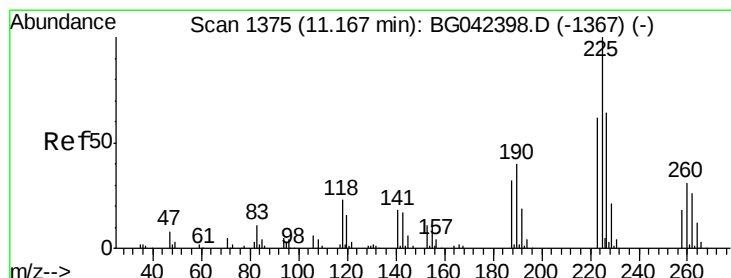
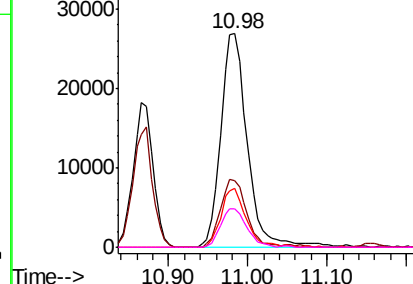
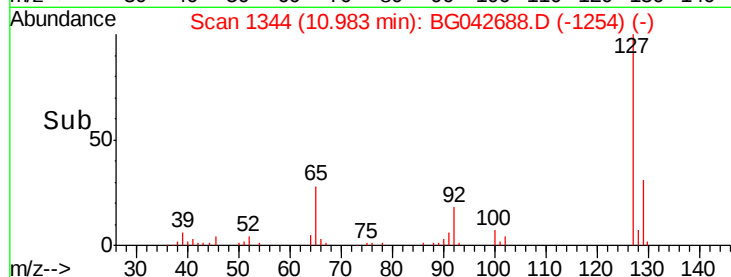
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

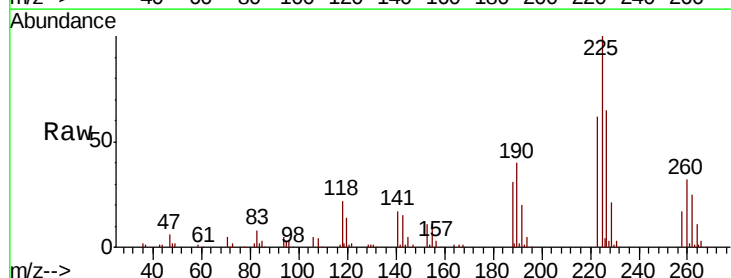
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 45.673 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.8	74.6
227	64.5	50.9	76.3

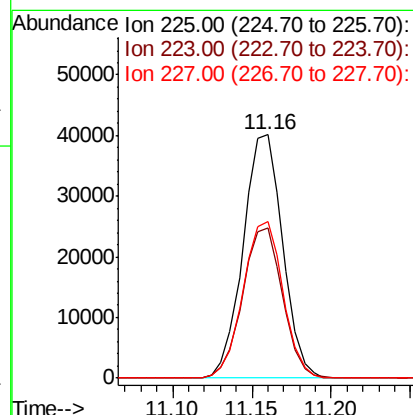
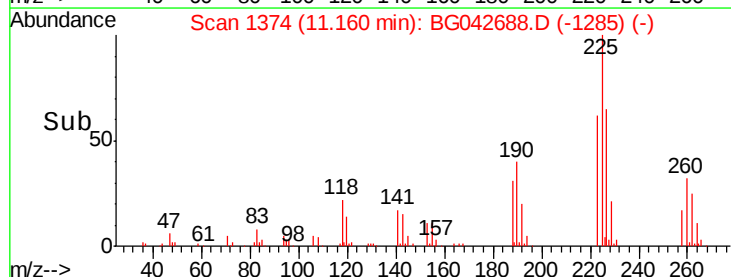


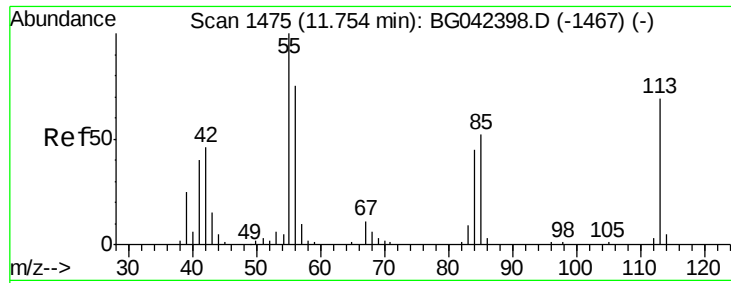
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.512 ng/mL

RT: 11.75 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Instrument :

BNA_G

ClientSampleID :

PB122741BS

Tot Ion:113 Resp: 24358

Ion Ratio Lower Upper

113 100

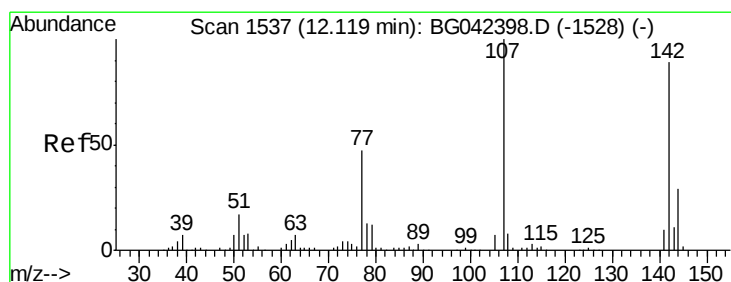
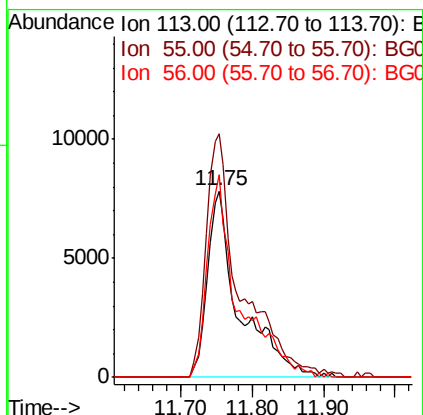
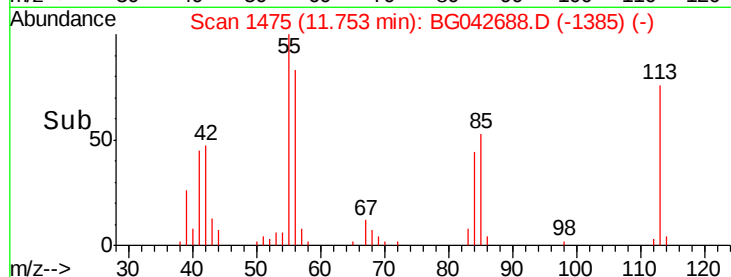
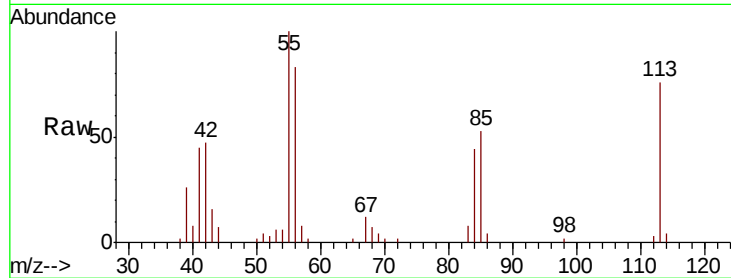
55 130.8 124.6 164.6

56 109.1 88.3 128.3

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#36

4-Chloro-3-methylphenol

Concen: 43.549 ng/mL

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

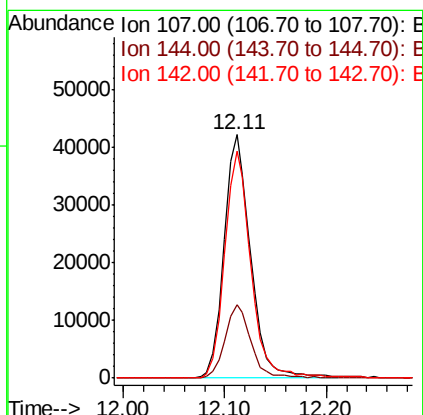
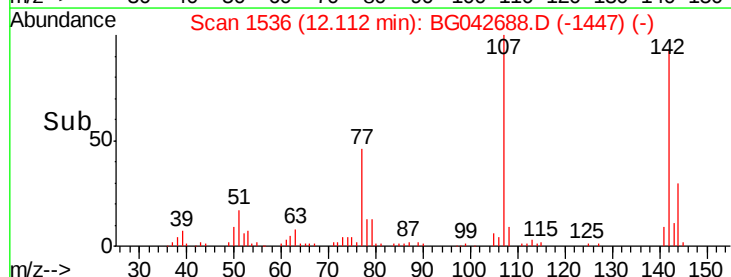
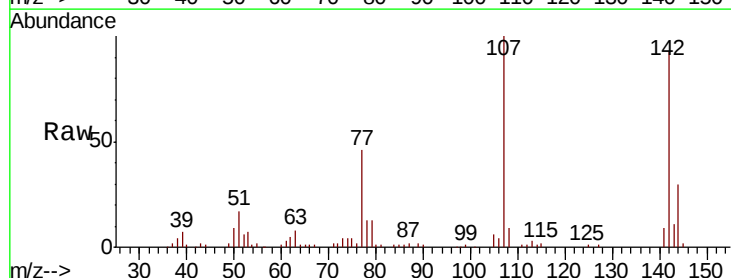
Tgt Ion:107 Resp: 76376

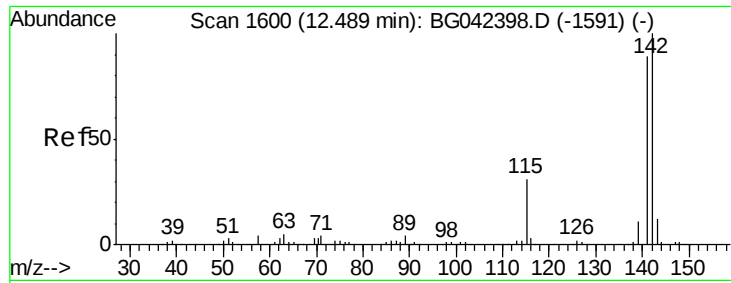
Ion Ratio Lower Upper

107 100

144 30.2 23.6 35.4

142 93.2 71.0 106.4





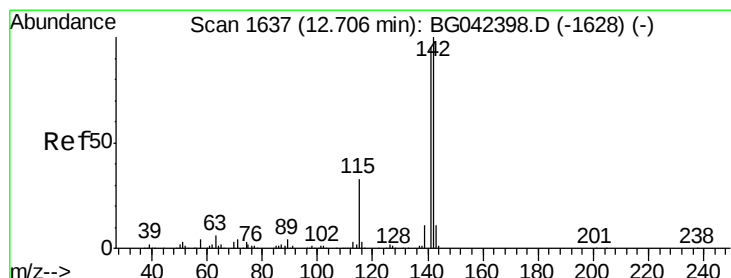
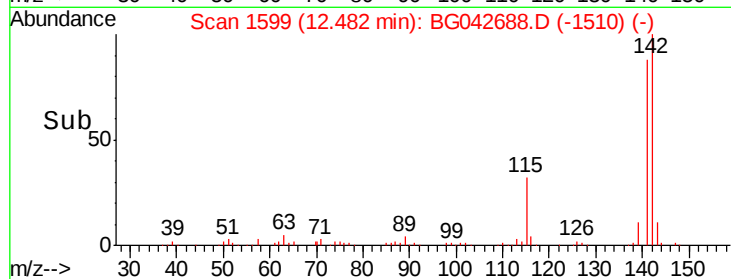
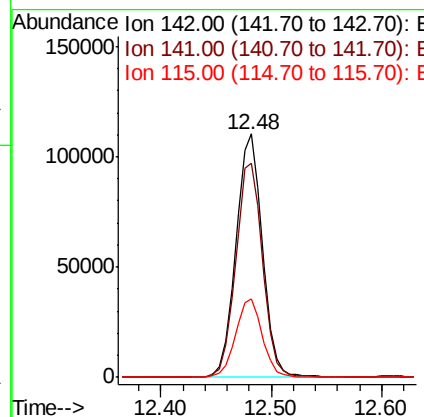
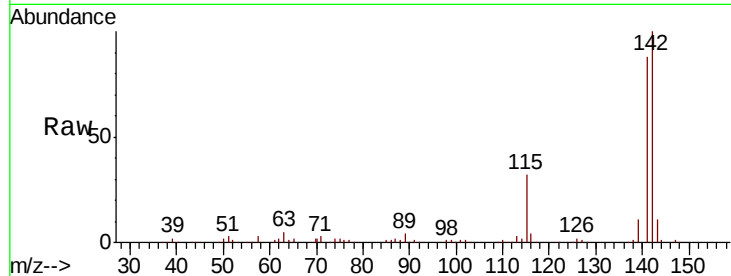
#37
2-Methylnaphthalene
Concen: 44.510 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampled :
PB122741BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.4	107.2
115	32.2	25.2	37.8

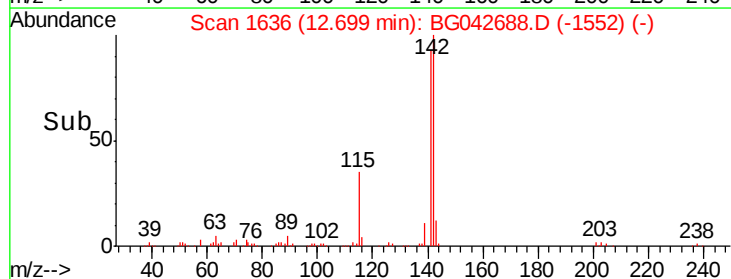
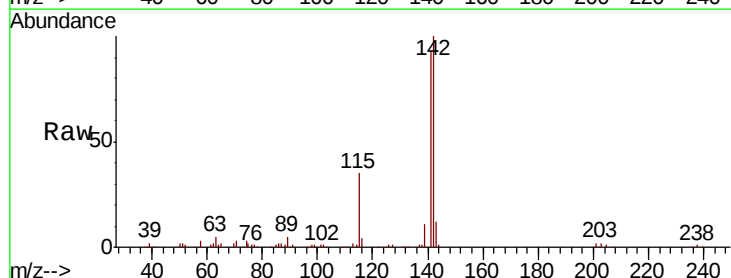
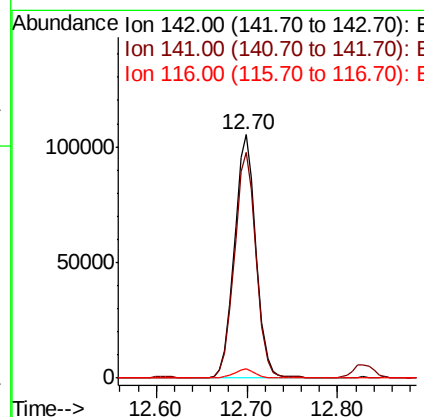
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#38
1-Methylnaphthalene
Concen: 43.963 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	76.2	114.2
116	3.6	2.8	4.2





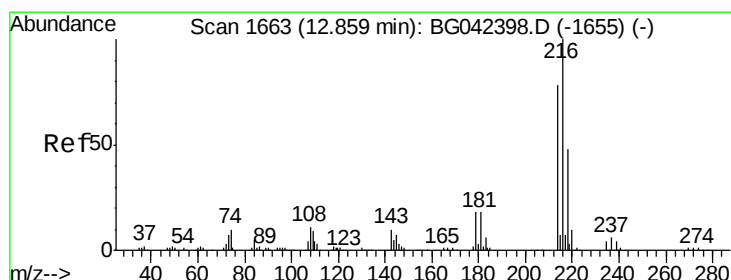
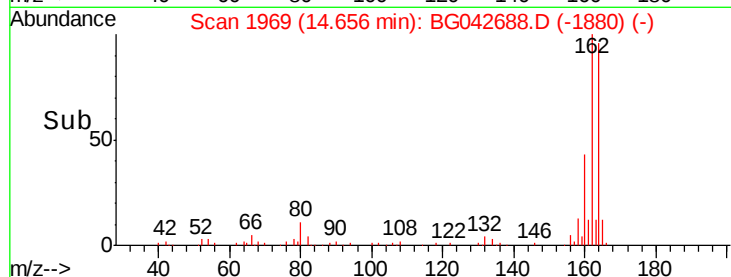
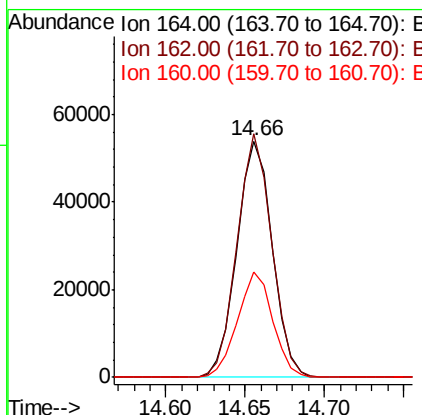
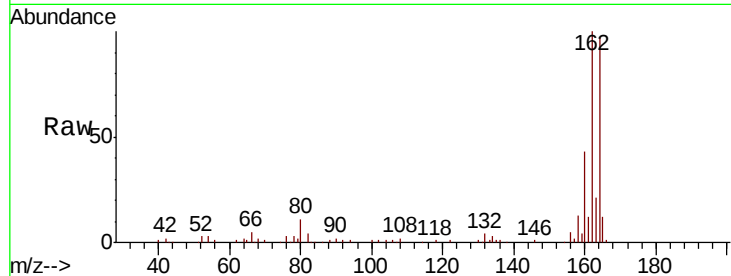
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Instrument :
 BNA_G
 ClientSampleId :
 PB122741BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	79.9	119.9
160	44.8	34.3	51.5

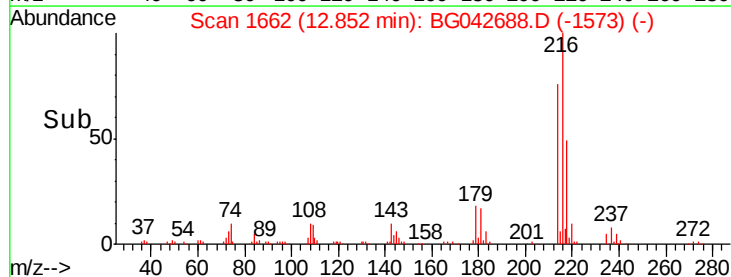
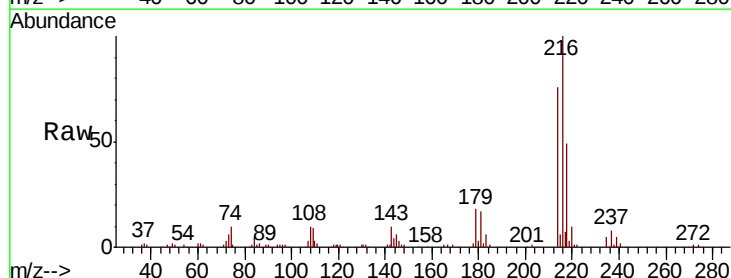
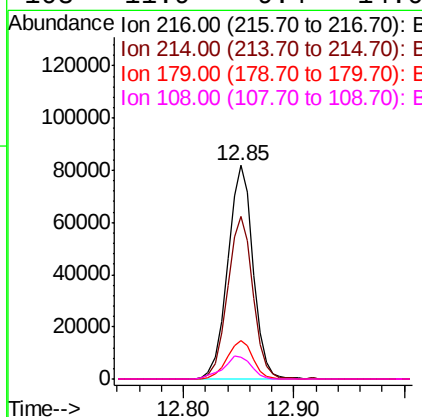
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.893 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.3	61.4	92.2
179	18.2	15.1	22.7
108	11.9	9.4	14.0





#41

Hexachlorocyclopentadiene

Concen: 77.568 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Instrument :

BNA_G

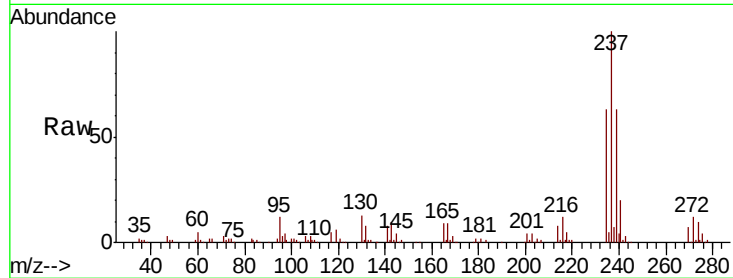
ClientSampleId :

PB122741BS

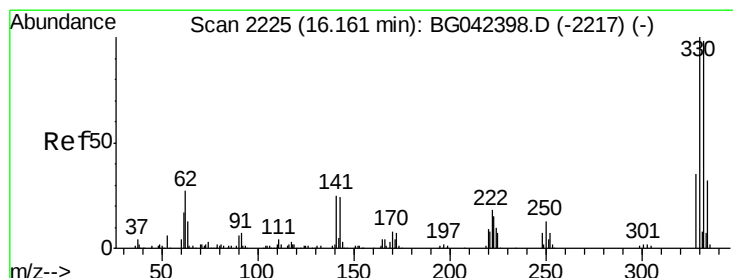
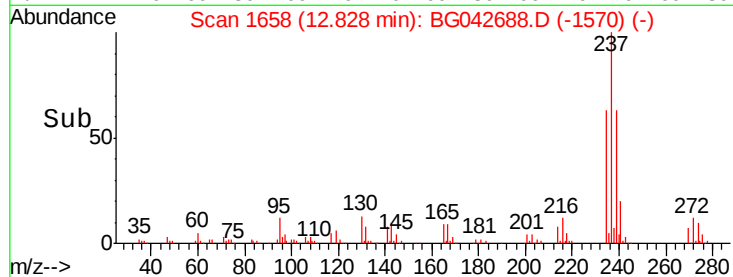
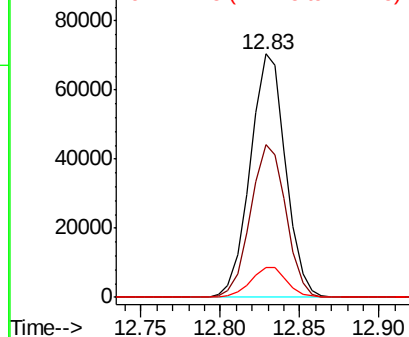
Tot Ion:	237	Resp:	108986
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.7	83.7
272	12.5	0.0	33.3

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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: 126.925 ng

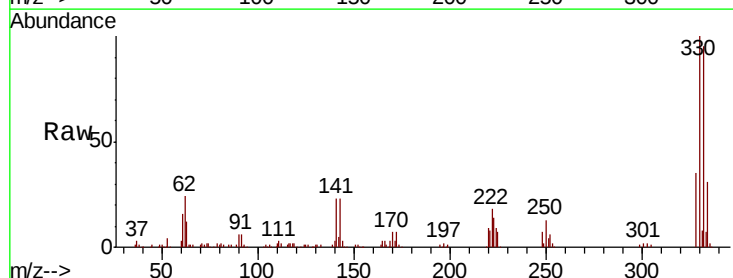
RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

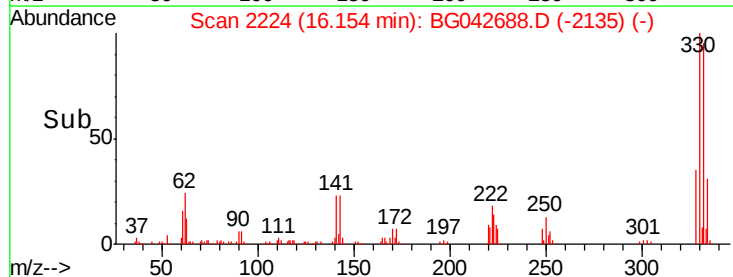
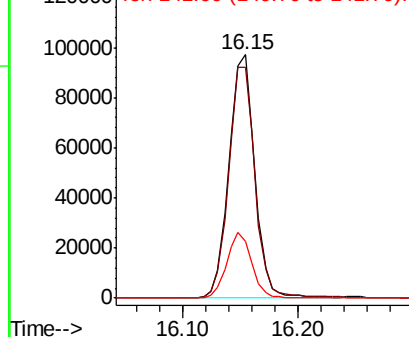
Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Tgt Ion:	330	Resp:	150261
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.4	116.0
141	26.1	21.4	32.0



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





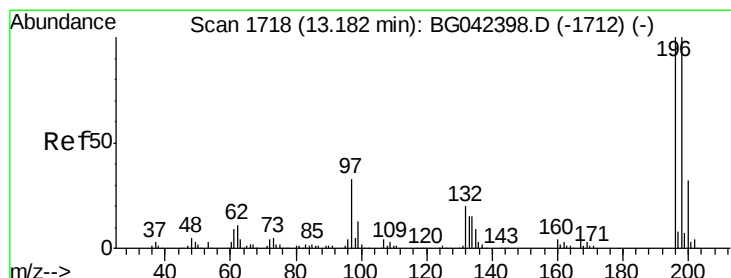
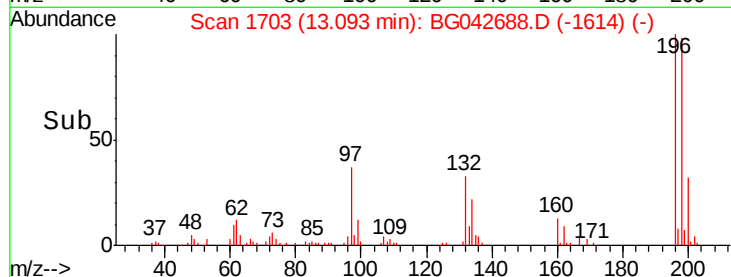
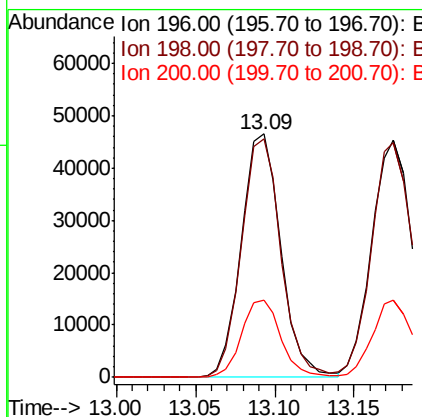
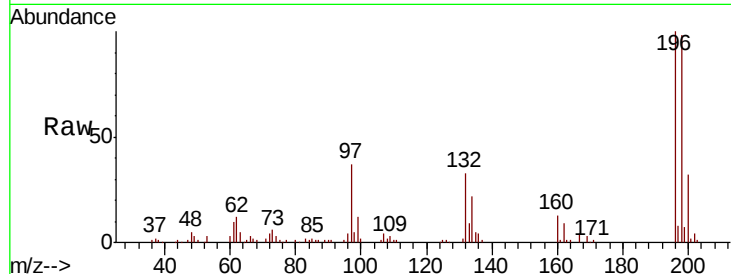
#43
 2,4,6-Trichlorophenol
 Concen: 44.698 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Instrument :
 BNA_G
 ClientSampleId :
 PB122741BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	80814		
198	97.9	80.7	121.1	
200	31.8	25.7	38.5	

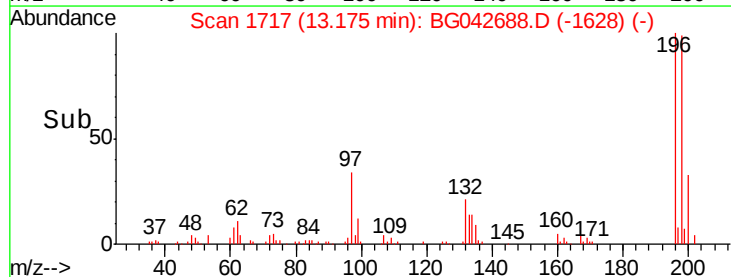
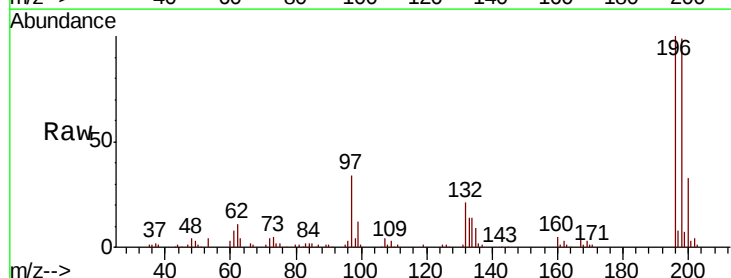
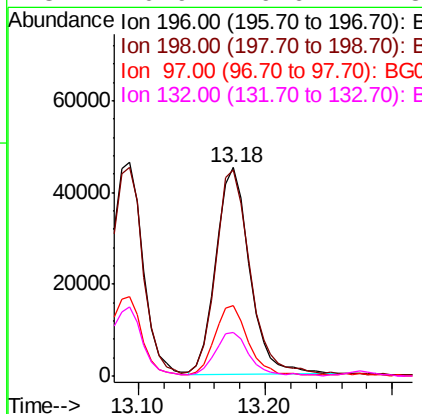
Manual Integrations
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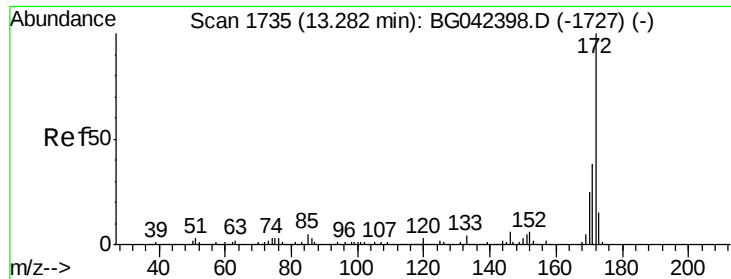
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#44
 2,4,5-Trichlorophenol
 Concen: 45.007 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	84324		
198	99.0	80.2	120.4	
97	33.8	26.3	39.5	
132	20.9	16.6	24.8	





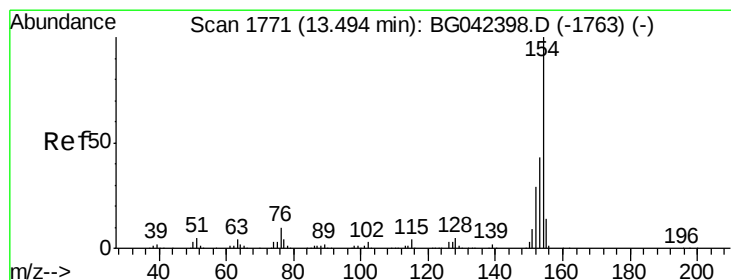
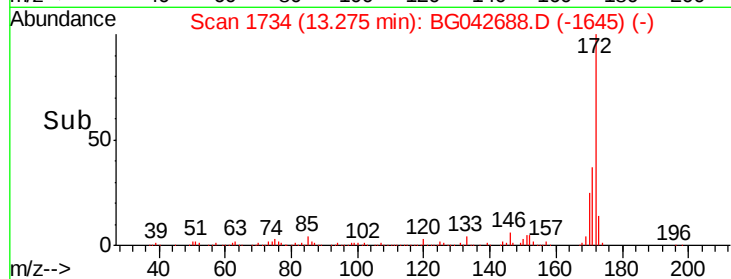
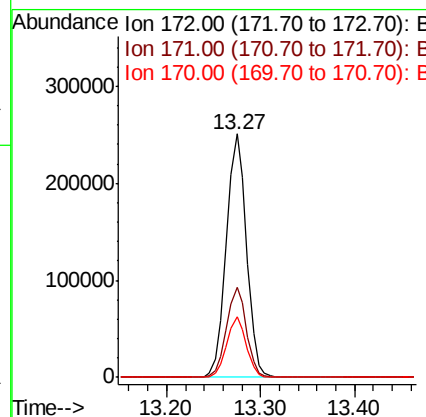
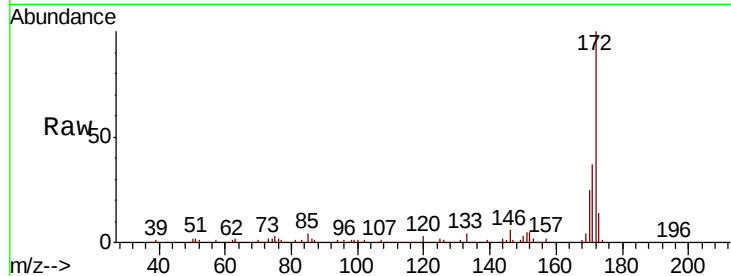
#45
2-Fluorobiphenyl
Concen: 76.174 ng
RT: 13.27 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.9	20.2	30.2

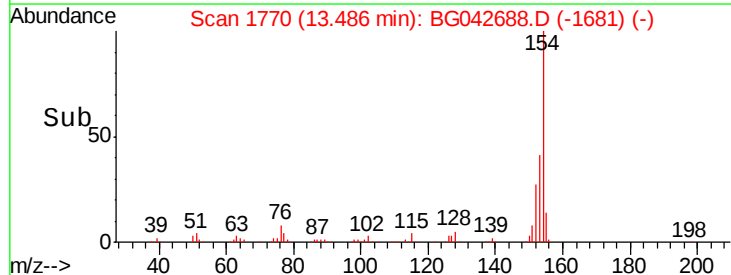
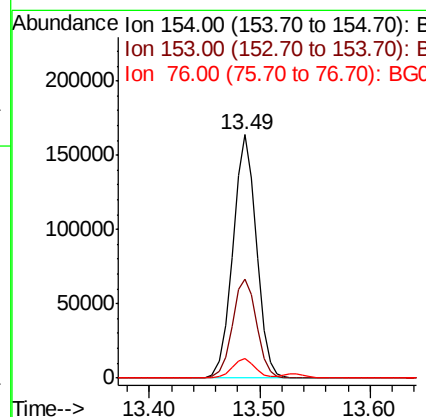
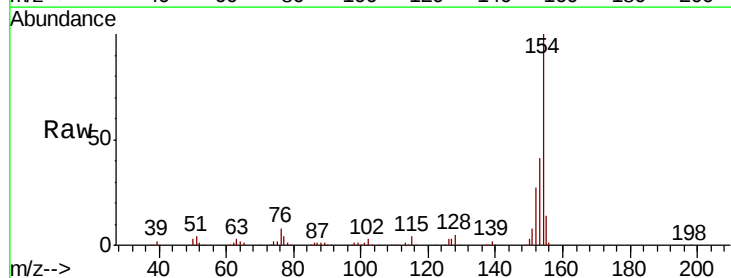
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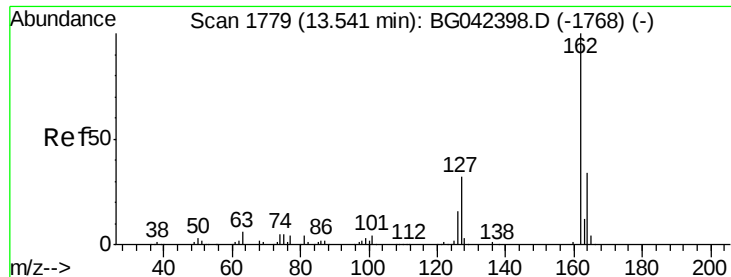
mohammad
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#46
1,1'-Biphenyl
Concen: 45.652 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	23.0	63.0
76	7.9	0.0	29.6





#47

2-Chloronaphthalene

Concen: 44.151 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Instrument :

BNA_G

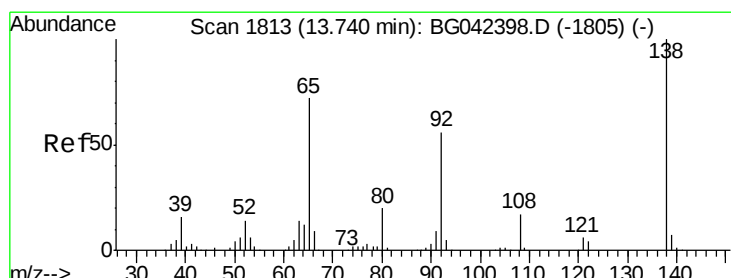
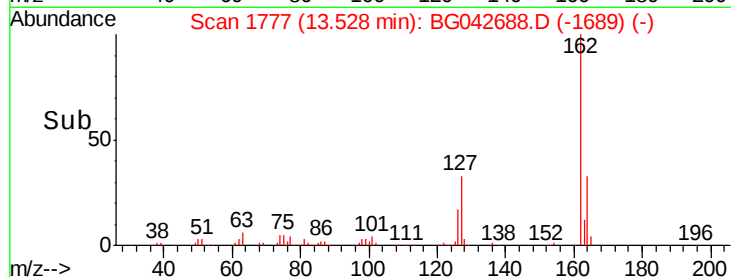
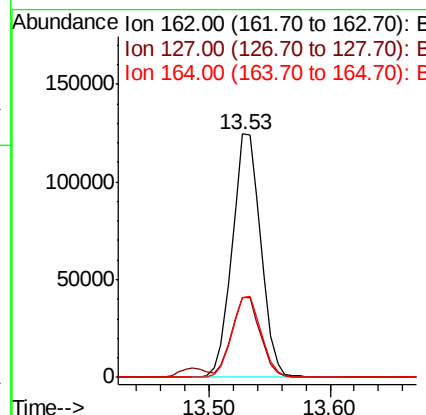
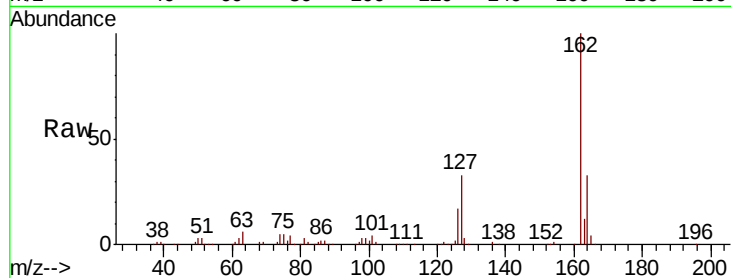
ClientSampleId :

PB122741BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	32.8	26.0	39.0		
164	32.8	27.4	41.0		

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#48

2-Nitroaniline

Concen: 39.932 ng

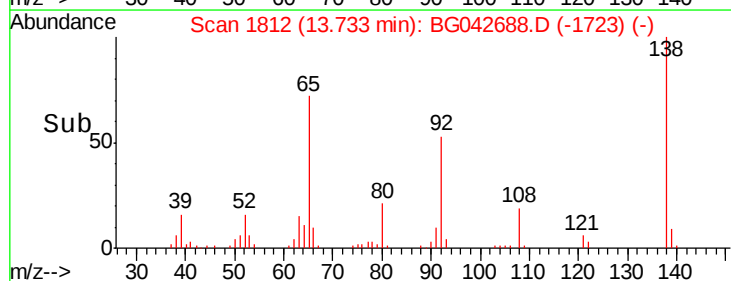
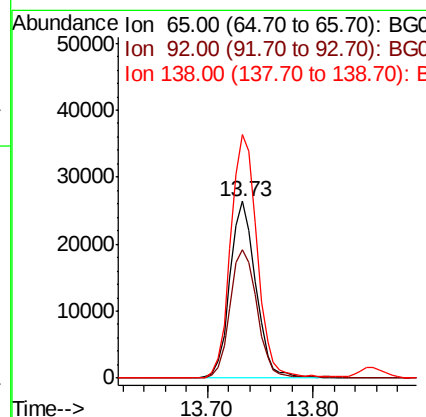
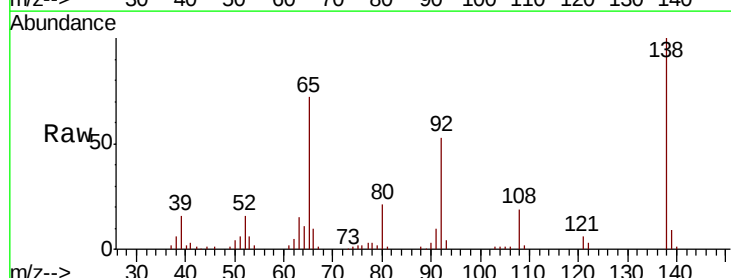
RT: 13.73 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	73.0	61.8	92.6		
138	138.0	111.0	166.6		





#49

Acenaphthylene

Concen: 46.366 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Instrument :

BNA_G

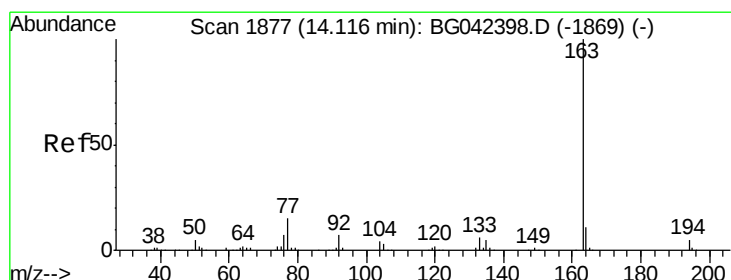
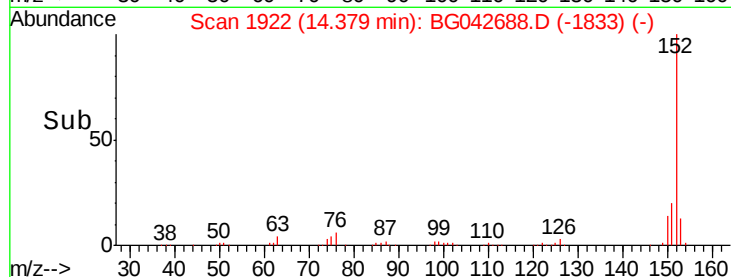
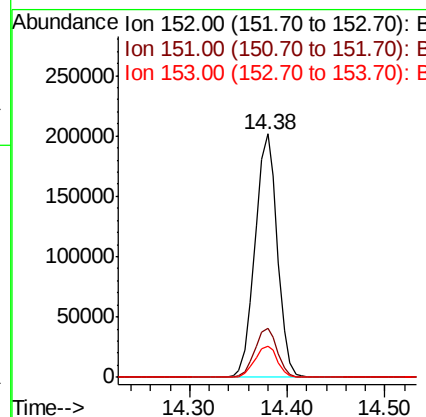
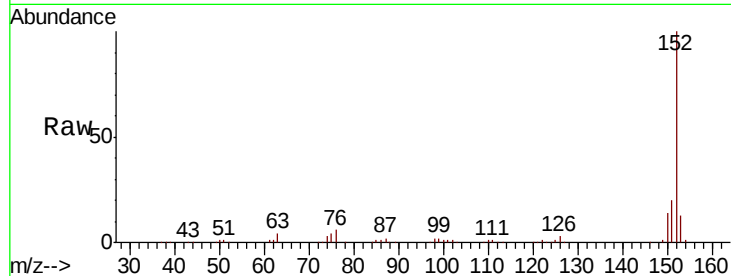
ClientSampleId :

PB122741BS

Tot Ion:	152	Resp:	323838
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.0	25.4
153	12.8	10.6	16.0

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#50

Dimethylphthalate

Concen: 42.691 ng

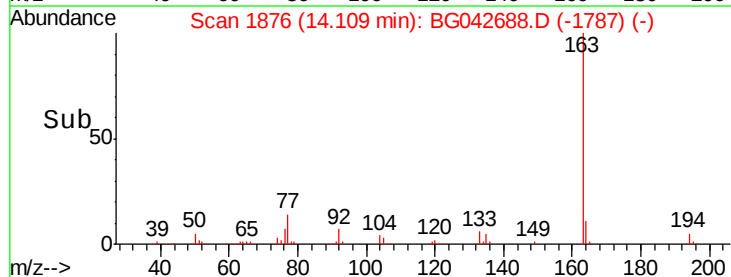
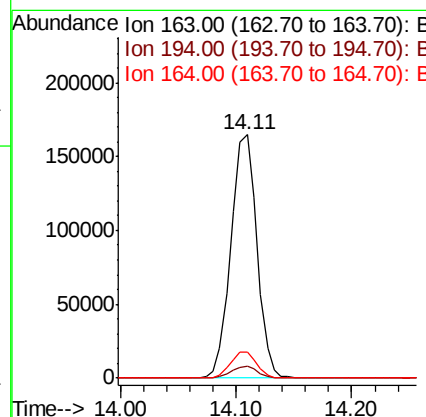
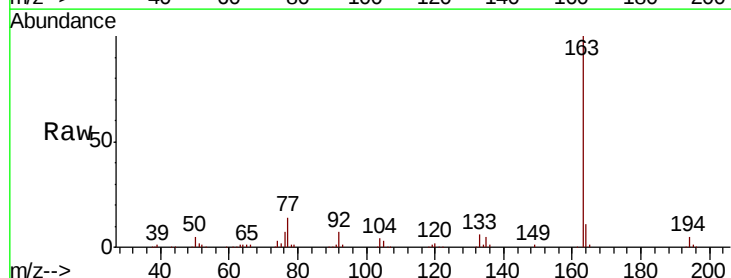
RT: 14.11 min Scan# 1876

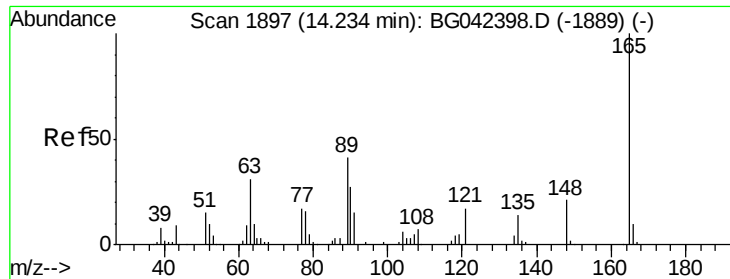
Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Tgt Ion:	163	Resp:	256563
Ion Ratio	Lower	Upper	
163	100		
194	5.0	4.2	6.2
164	10.7	8.8	13.2





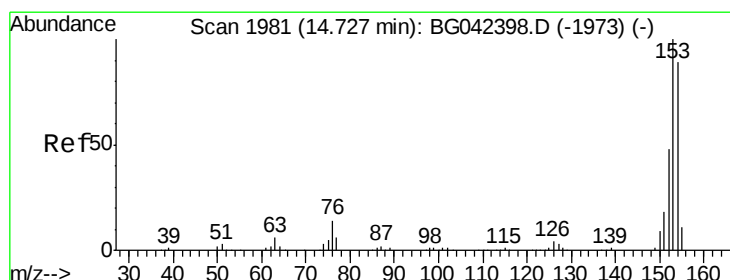
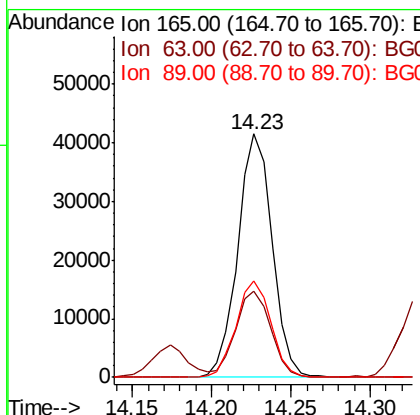
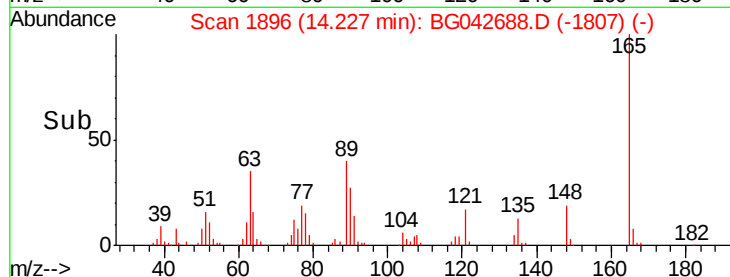
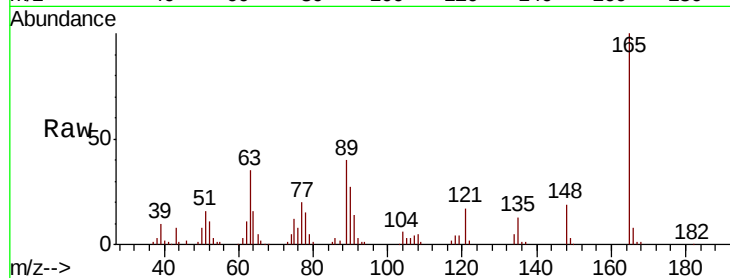
#51
2,6-Dinitrotoluene
Concen: 44.748 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	62335		
63	35.4		30.6	45.8
89	39.6		32.6	49.0

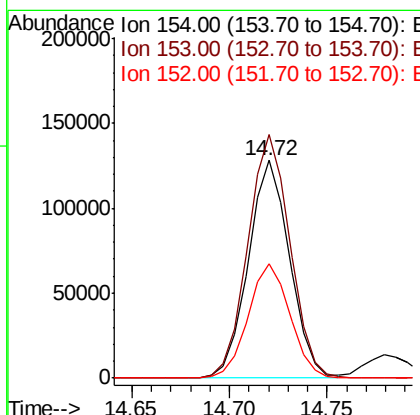
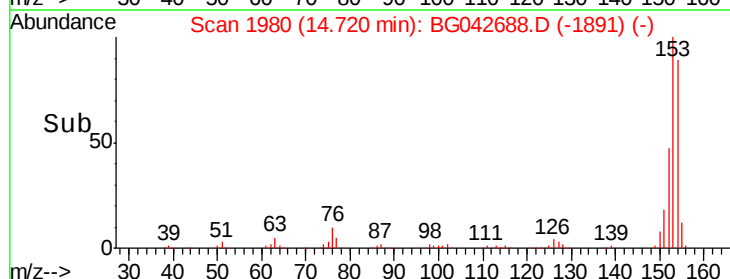
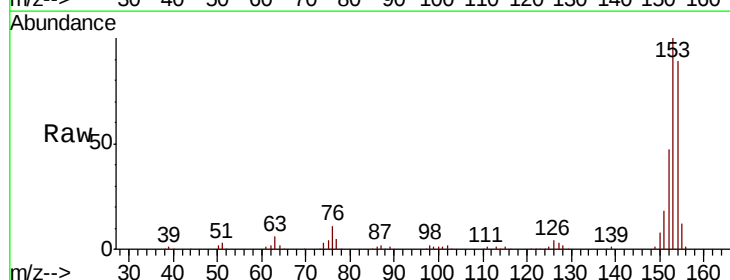
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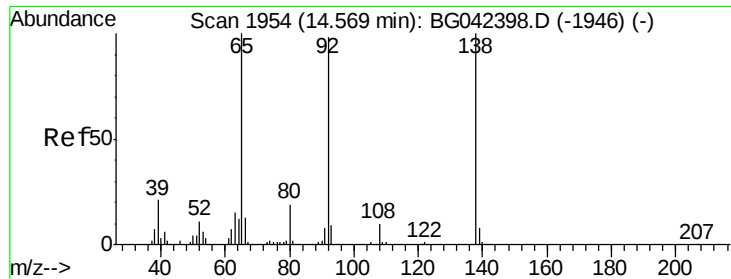
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#52
Acenaphthene
Concen: 44.330 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	188009		
153	111.9		90.2	135.4
152	52.6		43.2	64.8





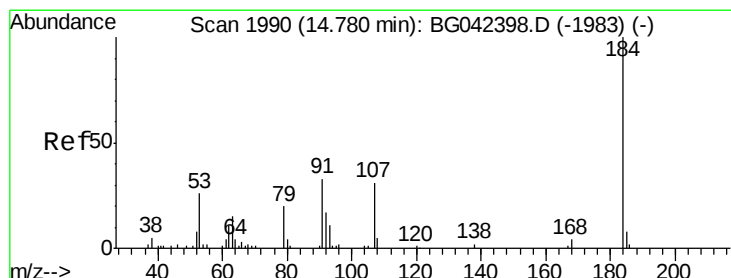
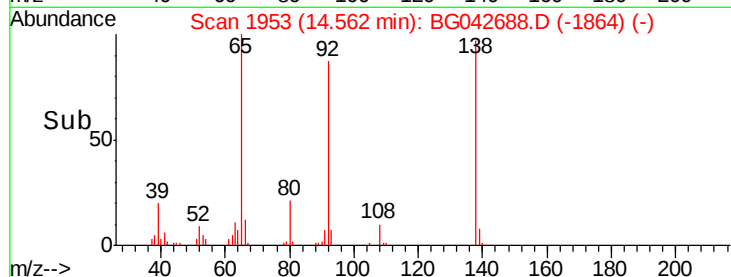
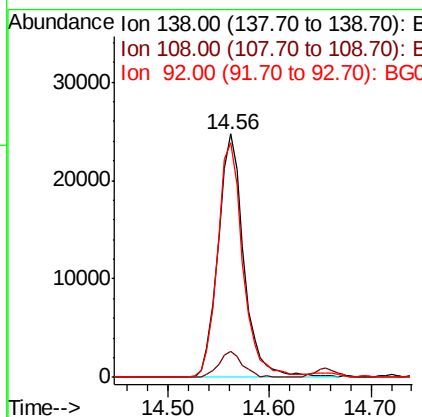
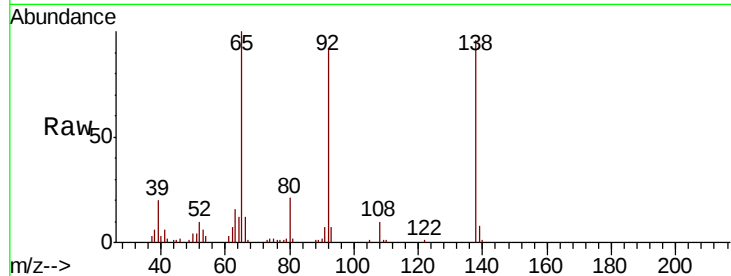
#53
3-Nitroaniline
Concen: 31.239 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.3	12.5
92	96.2	78.2	117.4

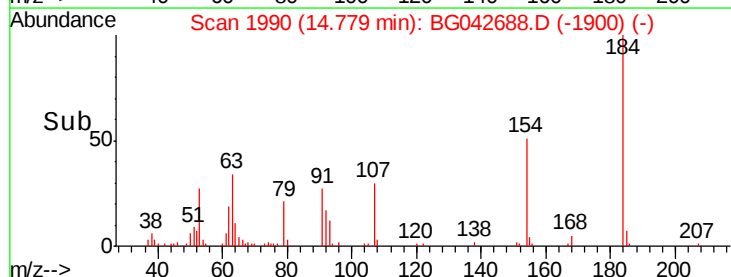
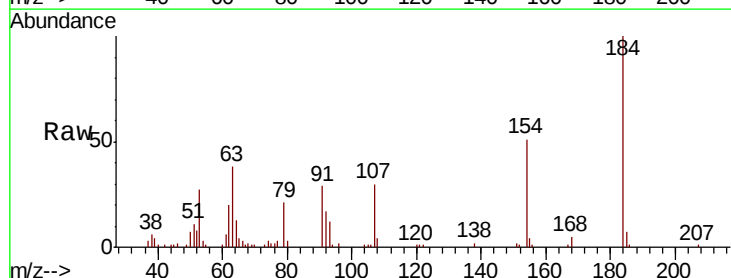
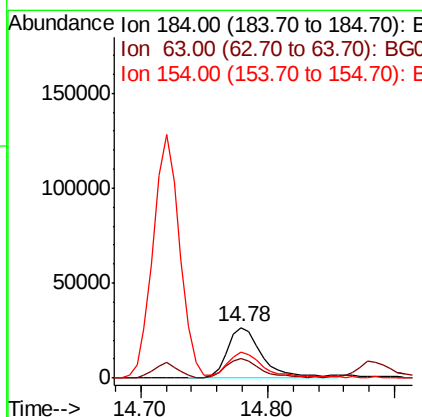
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#54
2,4-Dinitrophenol
Concen: 56.574 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	37.6	31.7	47.5
154	51.1	42.0	63.0





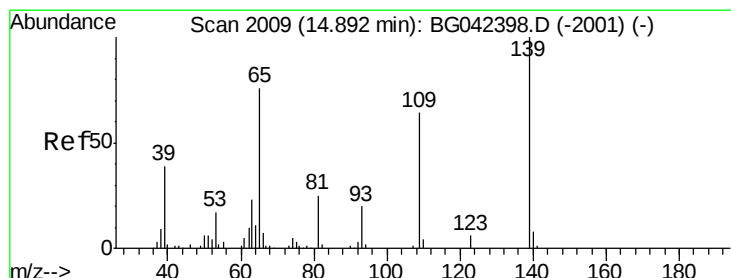
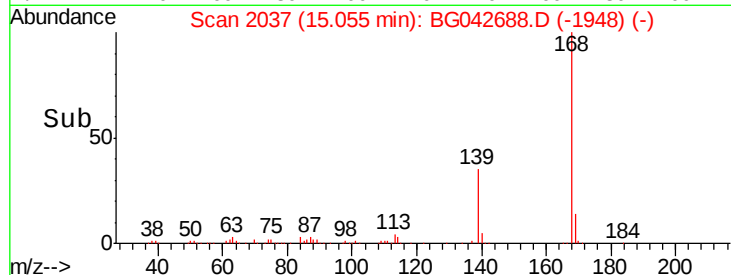
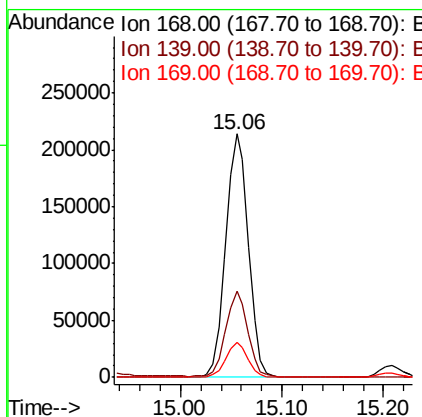
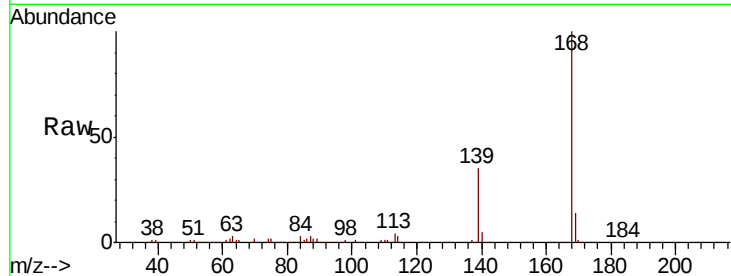
#55
Dibenzenofuran
Concen: 46.835 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampled :
PB122741BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.3	27.2	40.8	
169	14.2	11.5	17.3	

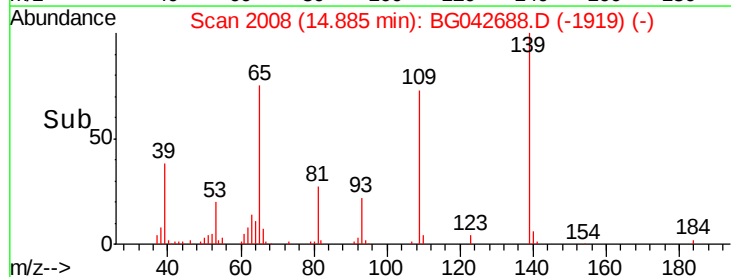
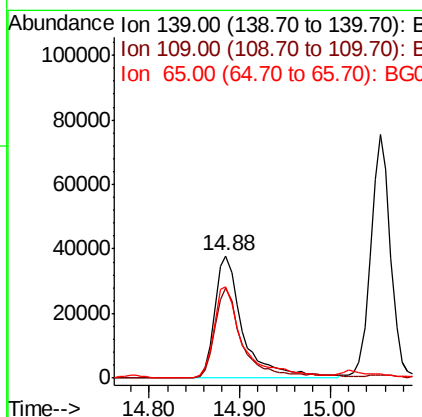
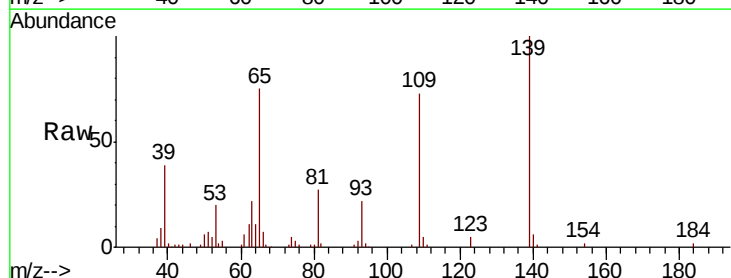
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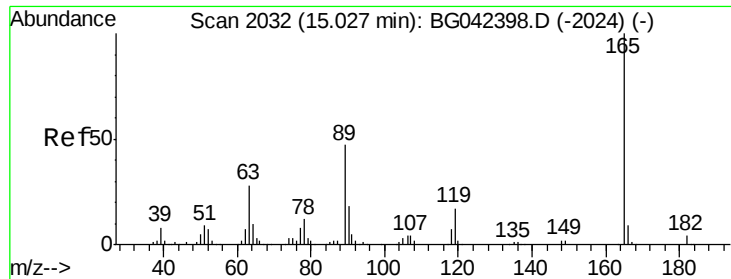
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#56
4-Nitrophenol
Concen: 82.409 ng
RT: 14.88 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	73.3	43.9	83.9	
65	75.3	56.3	96.3	





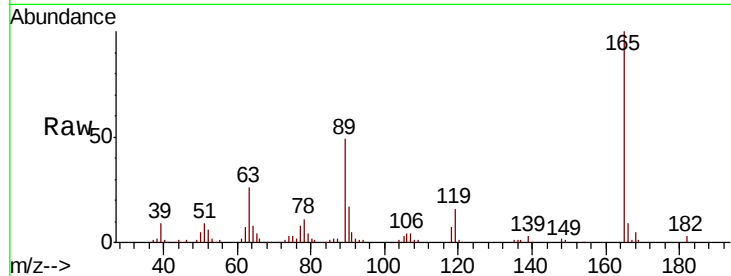
#57
 2,4-Dinitrotoluene
 Concen: 44.605 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Instrument :
 BNA_G
 ClientSampleId :
 PB122741BS

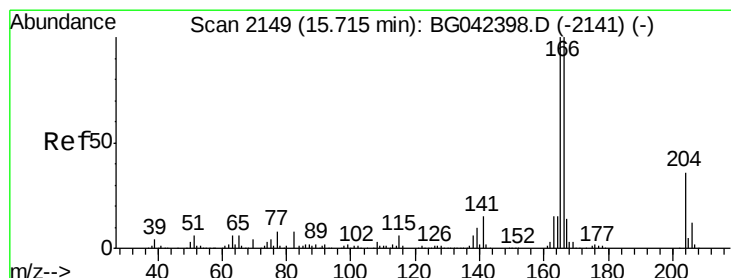
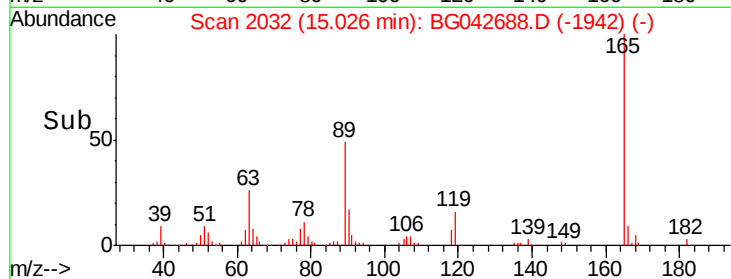
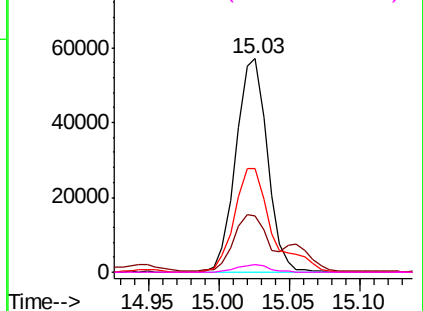
Tot Ion:	165	Resp:	88977
Ion Ratio	Lower	Upper	
165	100		
63	26.1	22.5	33.7
89	48.8	37.8	56.6
182	3.5	3.0	4.4

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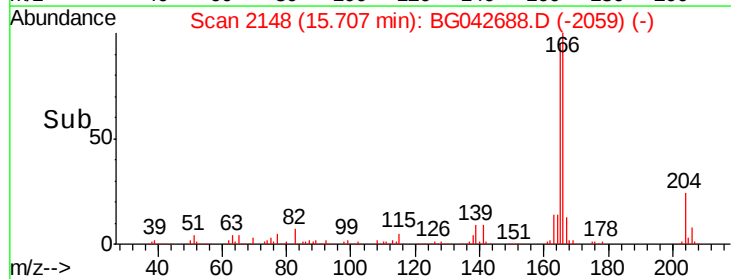
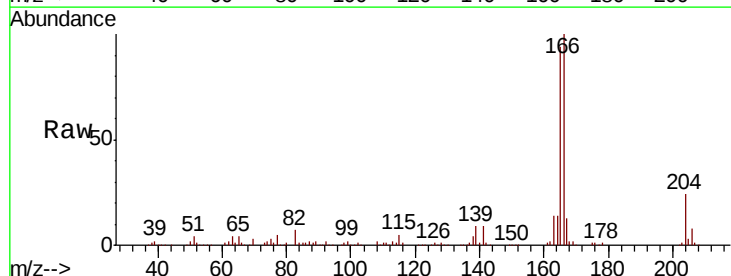
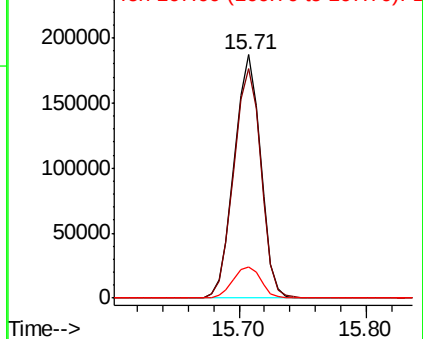
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

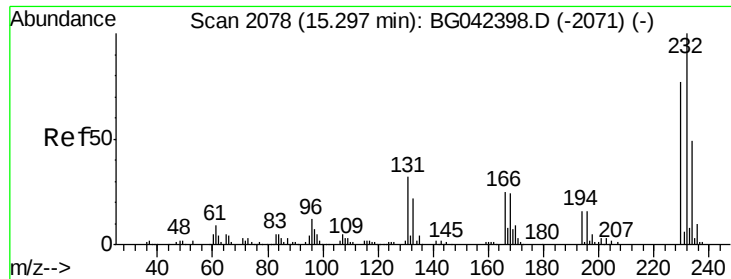


#58
 Fluorene
 Concen: 47.067 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Tgt Ion:	166	Resp:	270102
Ion Ratio	Lower	Upper	
166	100		
165	94.5	79.7	119.5
167	12.9	10.9	16.3

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





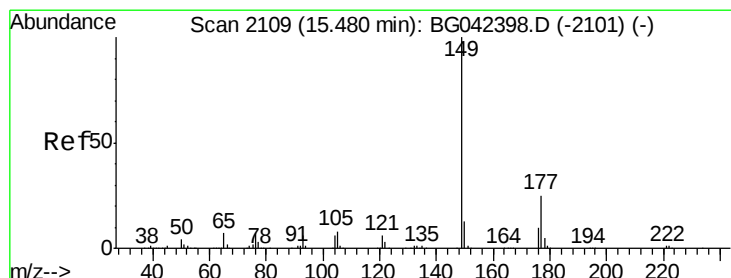
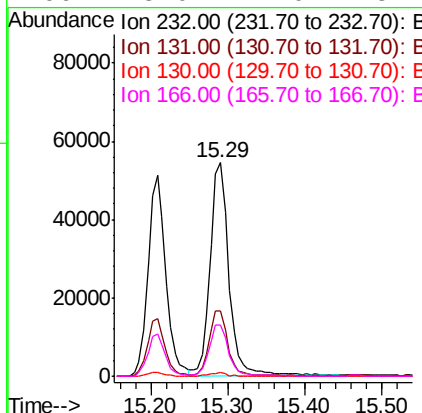
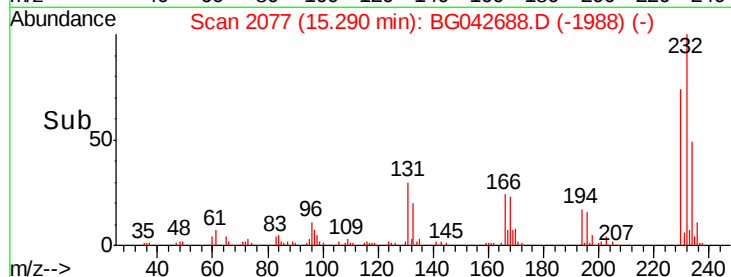
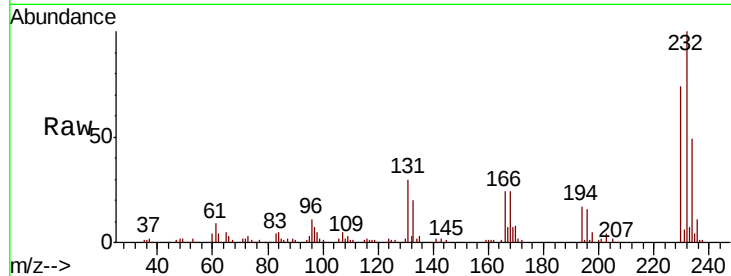
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.879 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Instrument :
 BNA_G
 ClientSampleId :
 PB122741BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	29.3		22.9	34.3
130	1.4		1.4	2.0
166	25.0		17.0	25.4

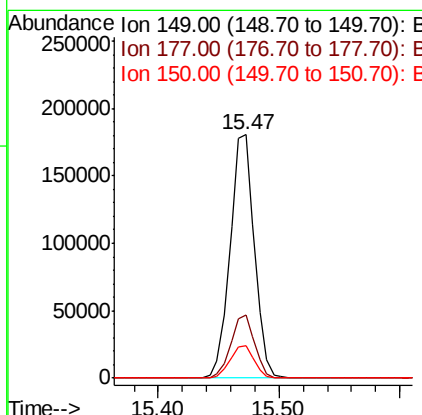
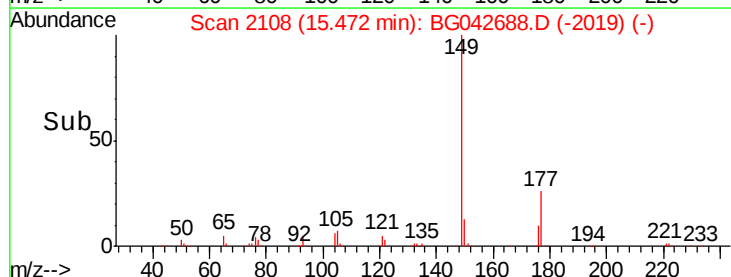
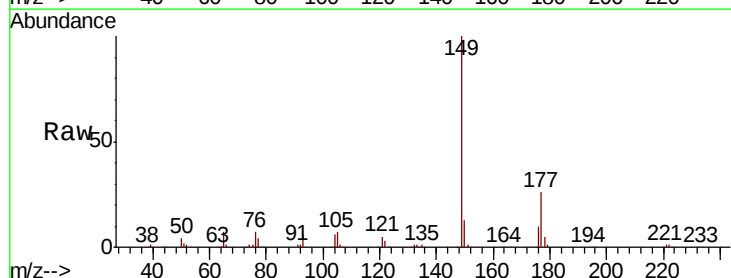
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#60
 Diethylphthalate
 Concen: 42.864 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	25.9		20.4	30.6
150	13.1		10.3	15.5





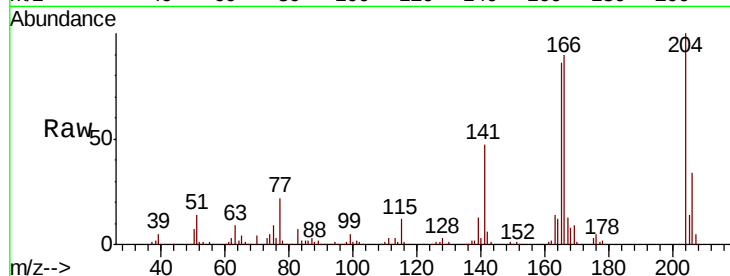
#61
4-Chlorophenyl-phenylether
Concen: 45.757 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	158289		
206	33.5	27.2	40.8	
141	47.2	38.7	58.1	

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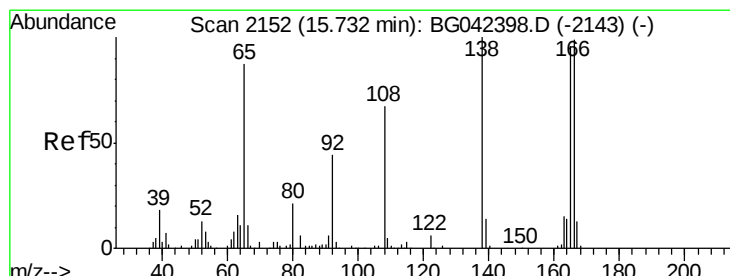
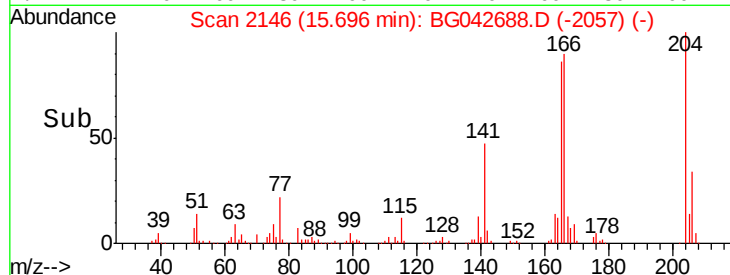
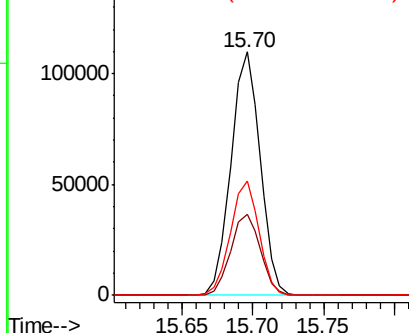


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.612 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

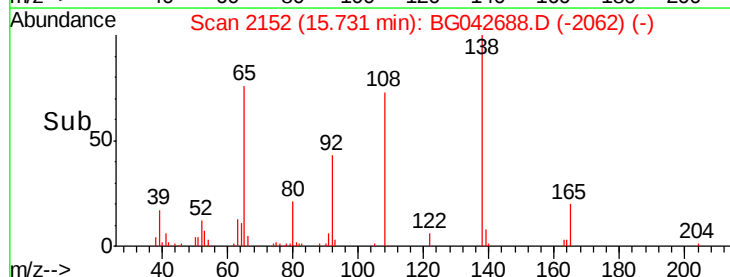
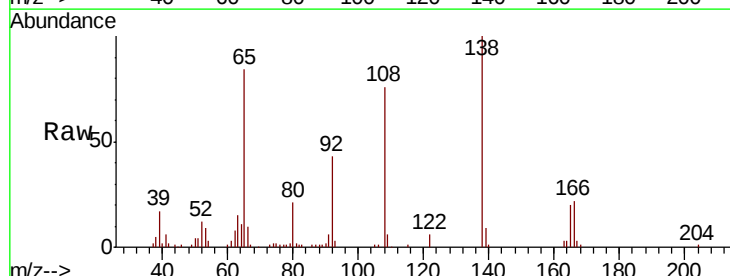
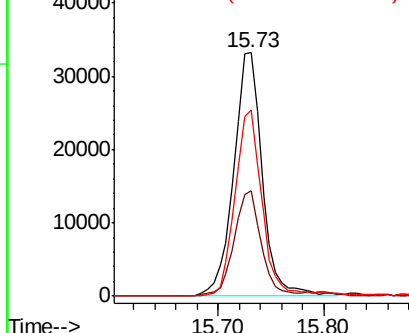
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	62045		
92	43.2	24.2	64.2	
108	76.5	46.8	86.8	

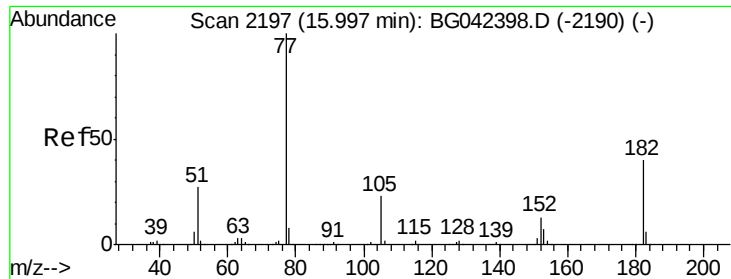
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





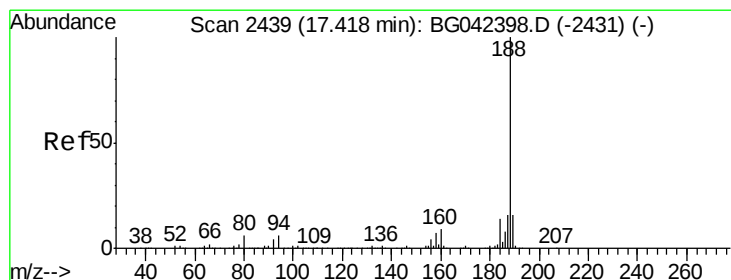
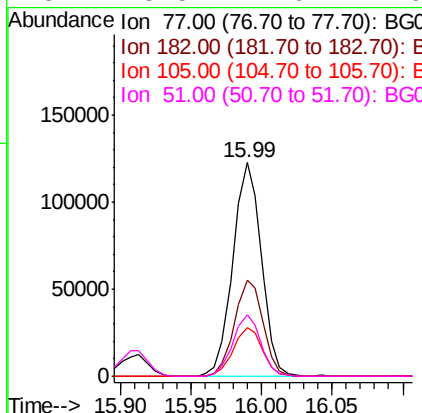
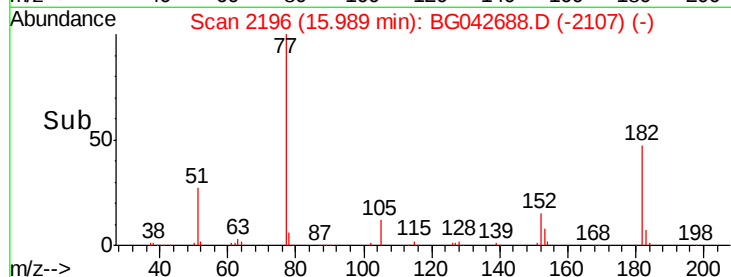
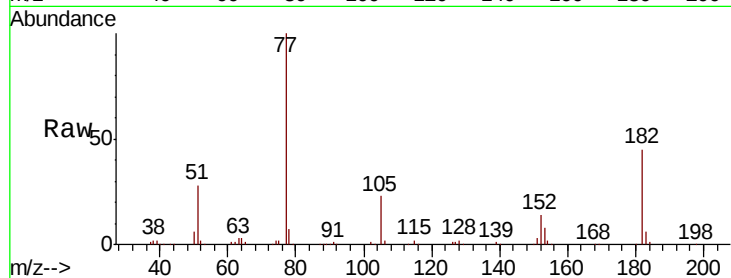
#63
Azobenzene
Concen: 42.846 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	44.9	19.9	59.9	
105	22.6	2.9	42.9	
51	28.5	7.6	47.6	

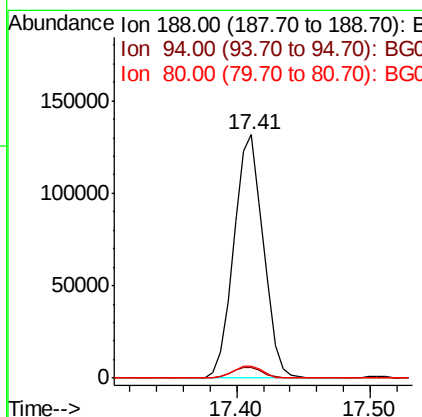
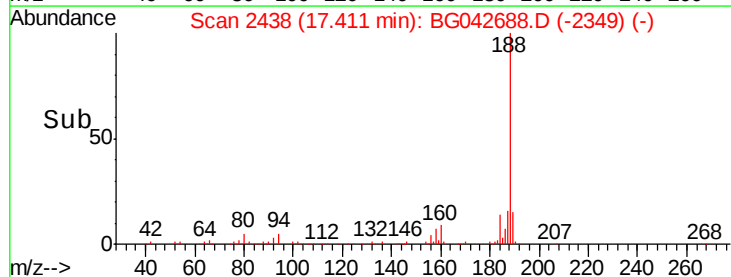
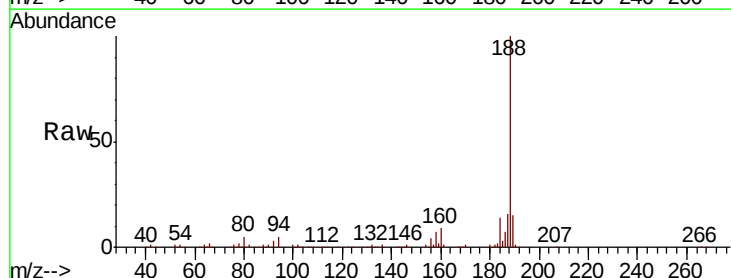
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	4.5	4.5	6.7	
80	4.8	4.9	7.3	





#65

4,6-Dinitro-2-methylphenol

Concen: 40.028 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Instrument :

BNA_G

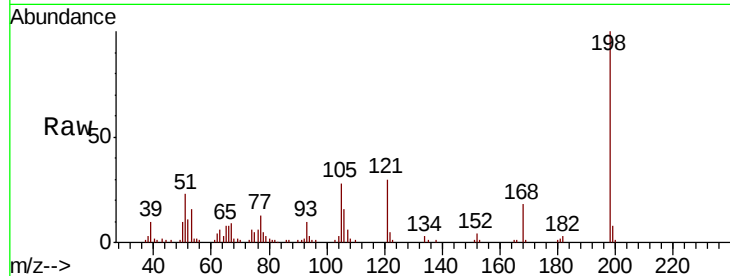
ClientSampleId :

PB122741BS

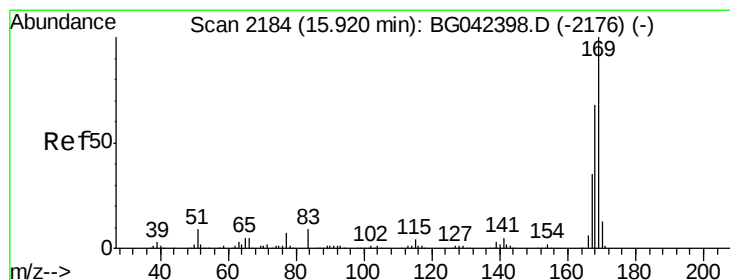
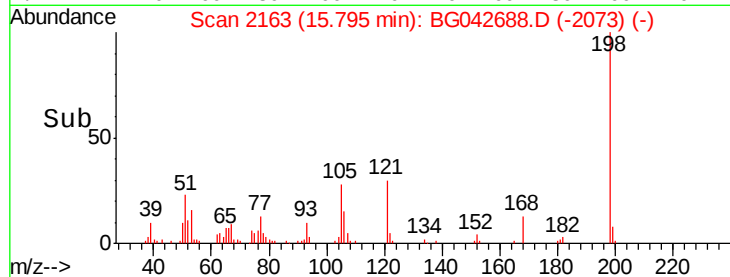
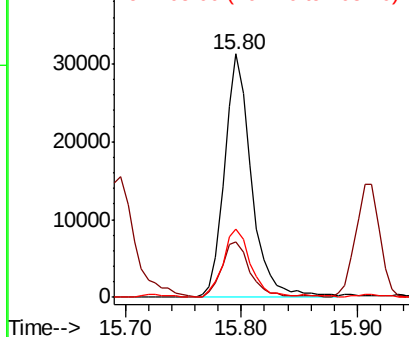
Tot Ion:	198	Resp:	50574
Ion Ratio	Lower	Upper	
198	100		
51	22.9	4.2	44.2
105	28.1	8.8	48.8

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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: 44.479 ng

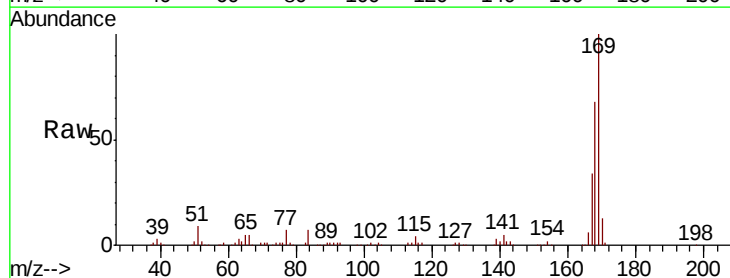
RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

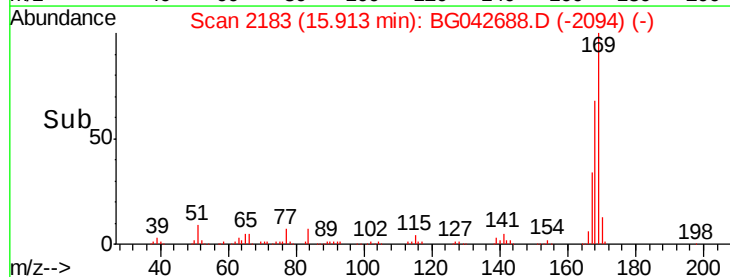
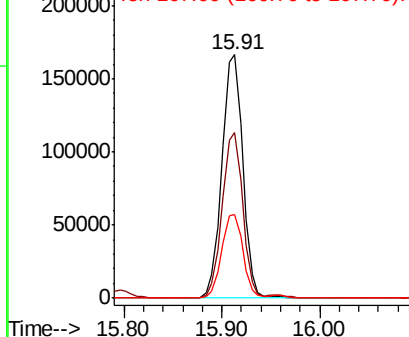
Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Tgt Ion:	169	Resp:	246505
Ion Ratio	Lower	Upper	
169	100		
168	68.2	54.3	81.5
167	34.2	28.2	42.2



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





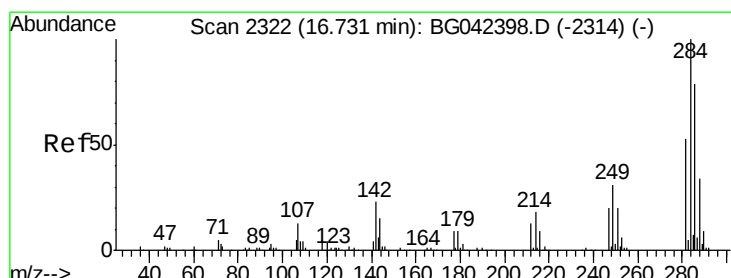
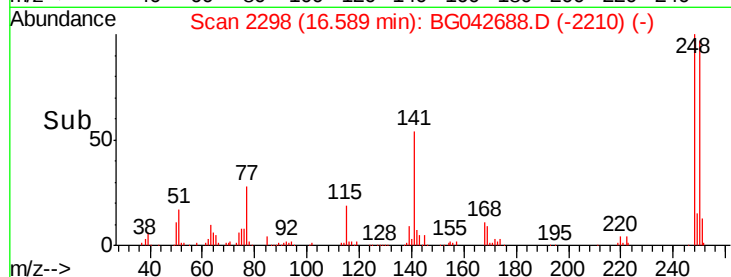
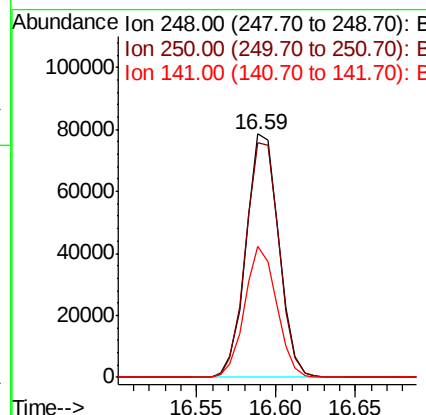
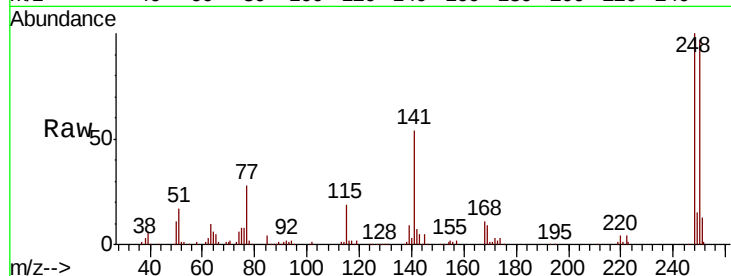
#67
 4-Bromophenyl-phenylether
 Concen: 43.975 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Instrument :
 BNA_G
 ClientSampleId :
 PB122741BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.9	118.3
141	54.0	43.3	64.9

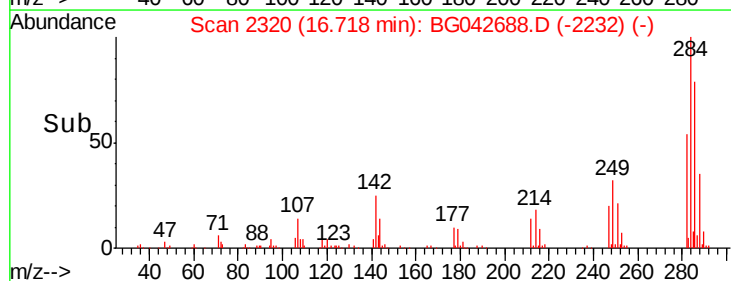
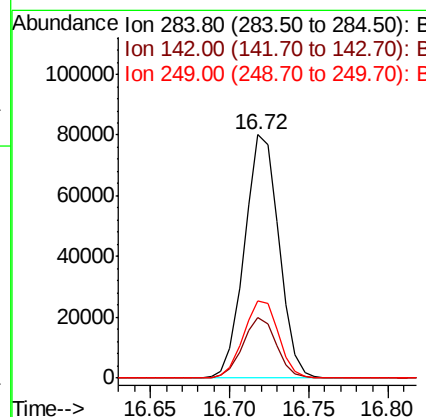
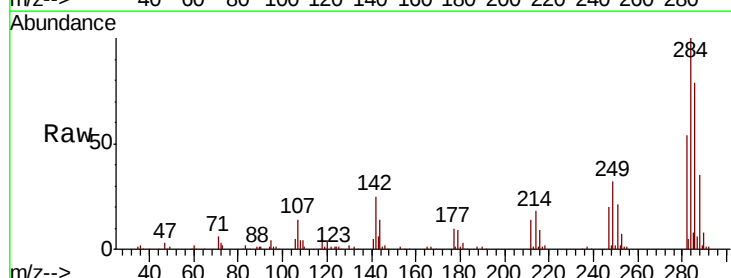
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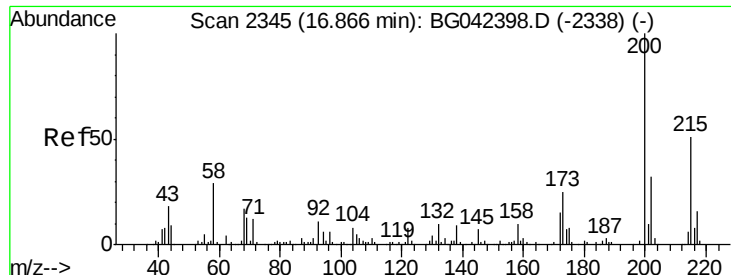
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#68
 Hexachlorobenzene
 Concen: 43.427 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.8	18.2	27.4
249	31.9	25.0	37.4





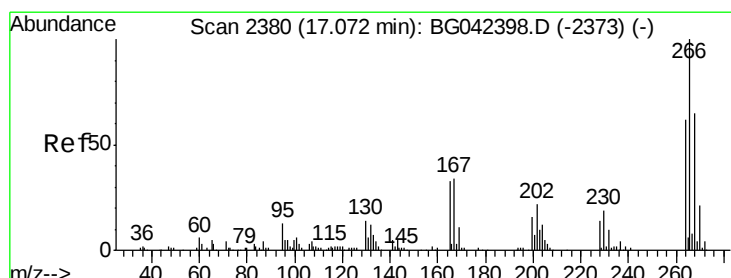
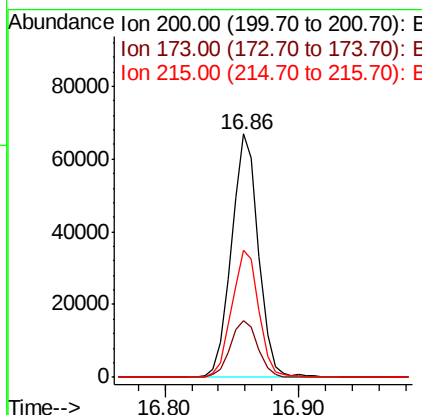
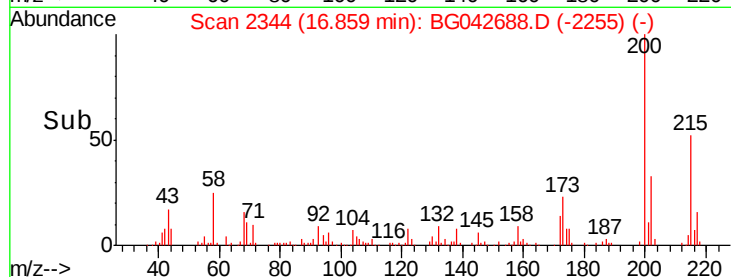
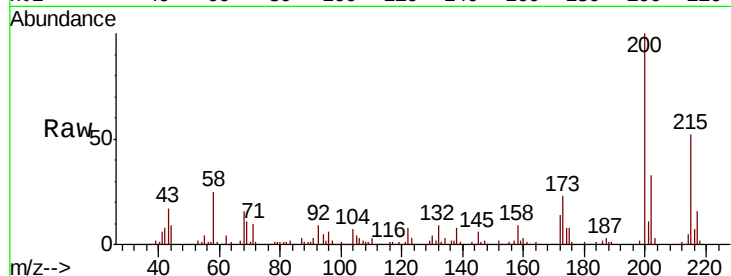
#69
 Atrazine
 Concen: 48.107 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Instrument :
 BNA_G
 ClientSampleId :
 PB122741BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.1	4.9	44.9
215	52.3	30.7	70.7

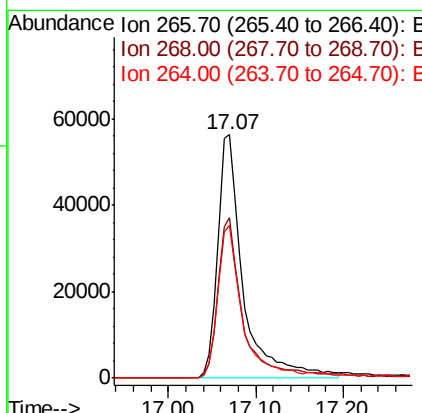
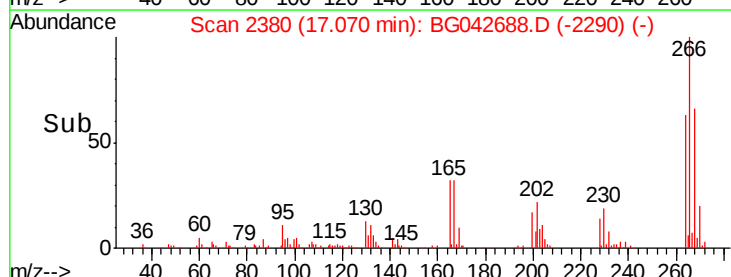
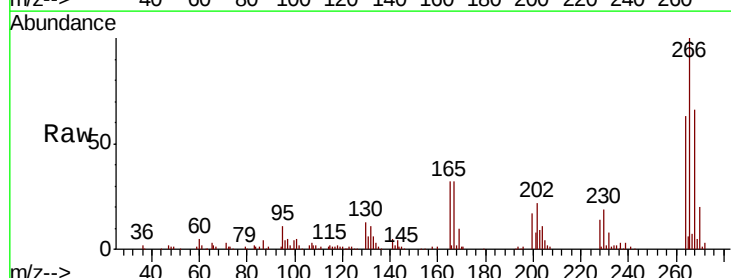
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#70
 Pentachlorophenol
 Concen: 78.706 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.00 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.1	52.1	78.1
264	62.9	49.4	74.2





#71

Phenanthrene

Concen: 46.239 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Instrument :

BNA_G

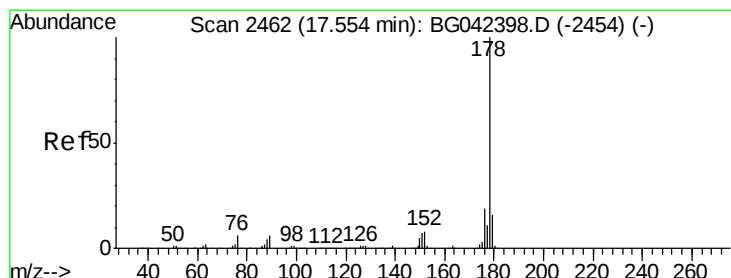
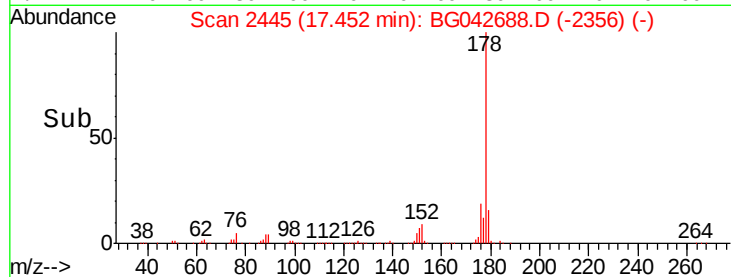
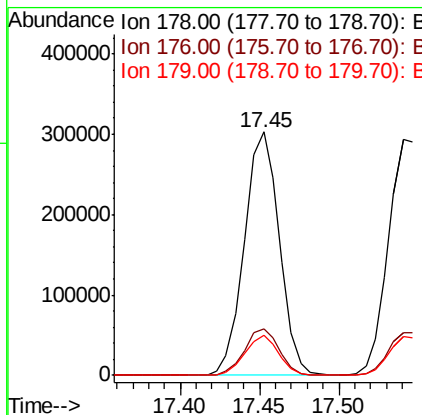
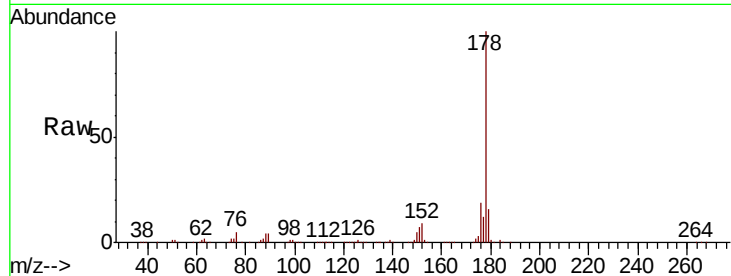
ClientSampleId :

PB122741BS

Tot Ion:178	Resp:	462851
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.9 23.9
179	16.4	12.7 19.1

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#72

Anthracene

Concen: 47.428 ng

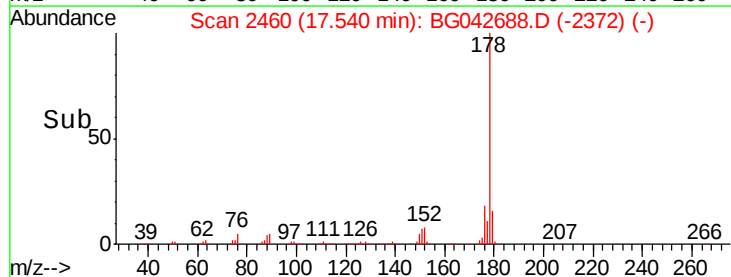
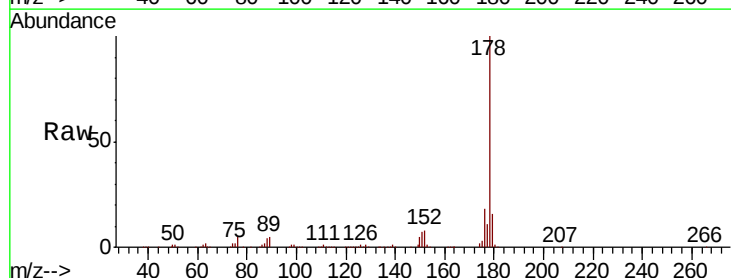
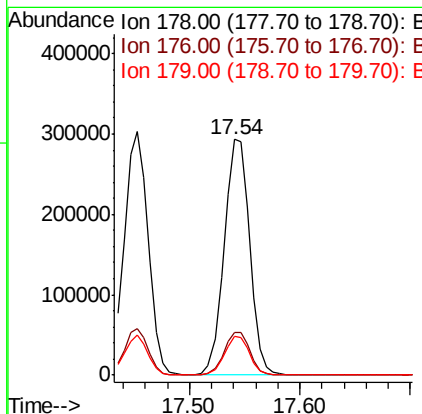
RT: 17.54 min Scan# 2460

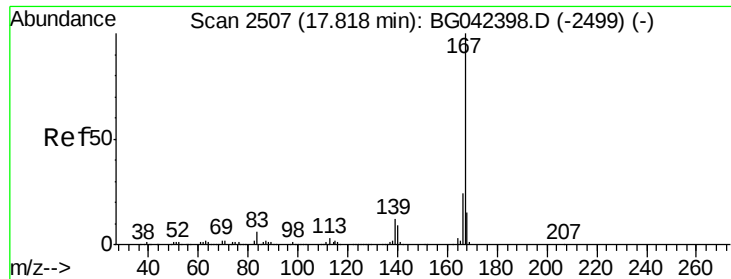
Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Tgt Ion:178	Resp:	473946
Ion Ratio	Lower	Upper
178	100	
176	18.0	15.5 23.3
179	16.4	12.9 19.3





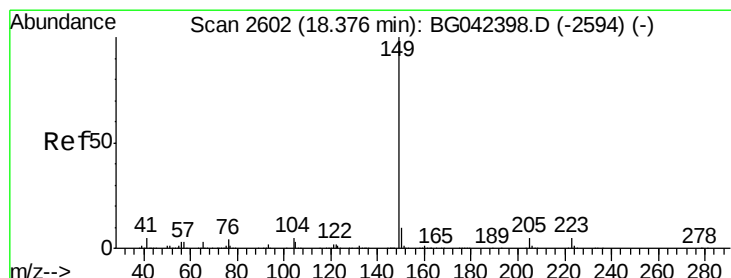
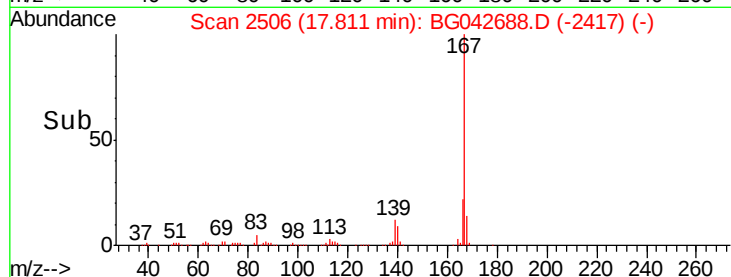
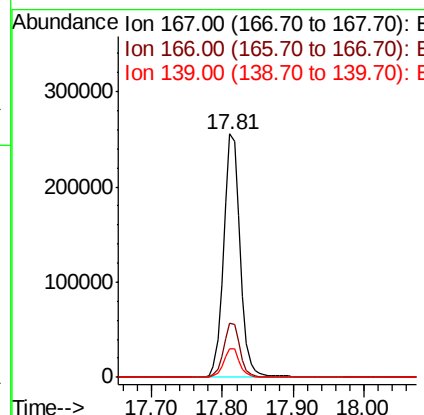
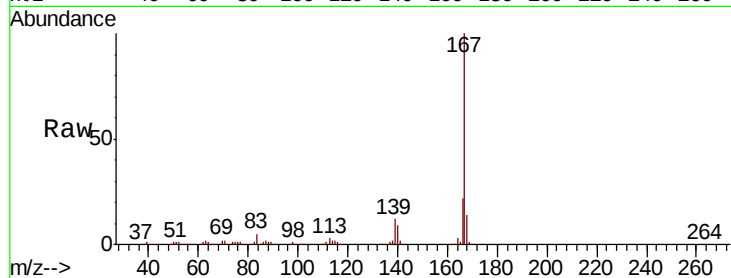
#73
 Carbazole
 Concen: 46.488 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Instrument :
 BNA_G
 ClientSampleId :
 PB122741BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.9	28.3
139	11.8	9.8	14.6

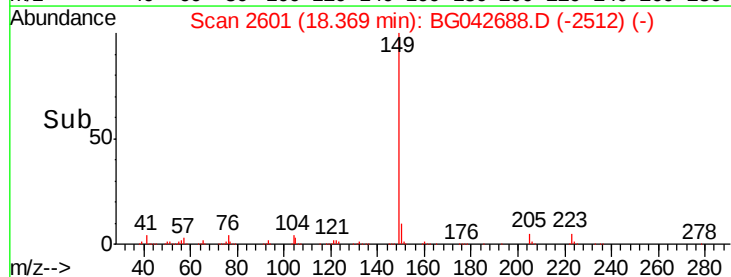
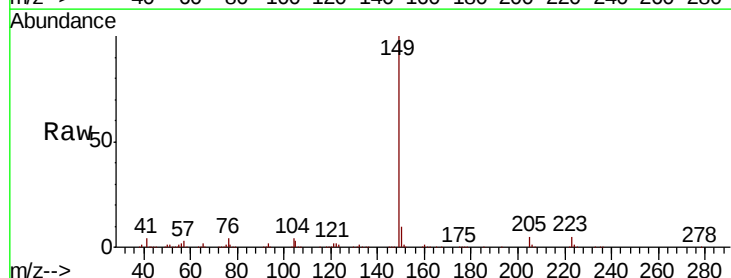
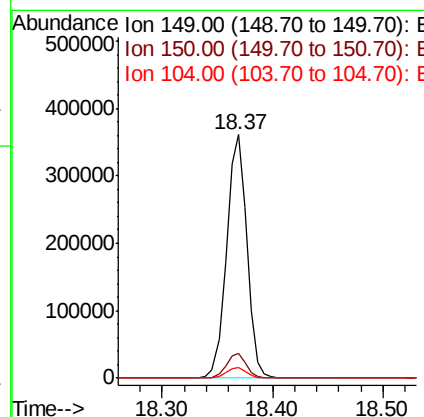
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#74
 Di-n-butylphthalate
 Concen: 43.960 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 50.237 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Instrument :

BNA_G

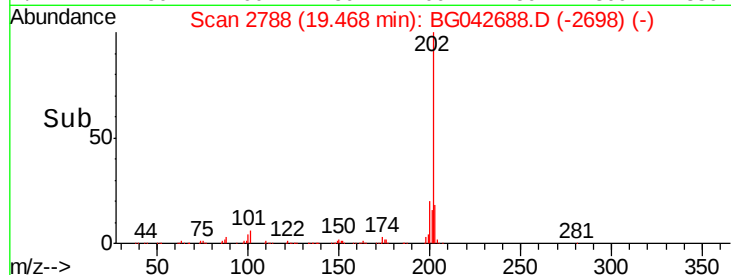
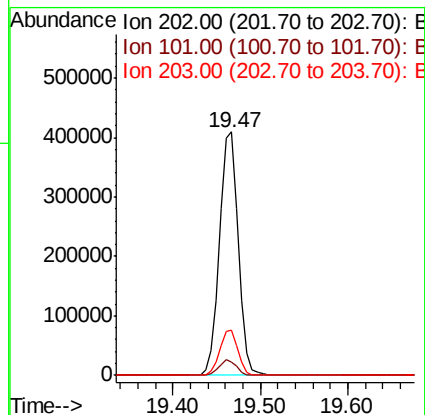
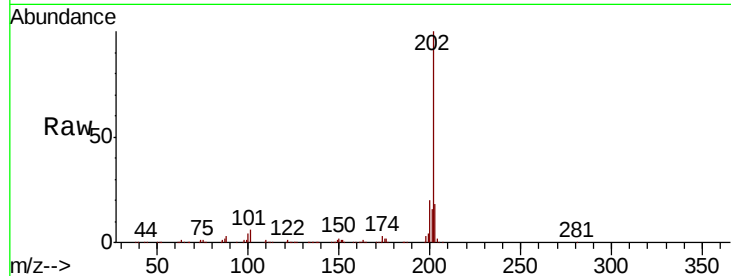
ClientSampleId :

PB122741BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	613716		
101	5.6	0.0	28.3	
203	18.3	0.0	39.6	

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#76

Chrysene-d12

Concen: 20.000 ng

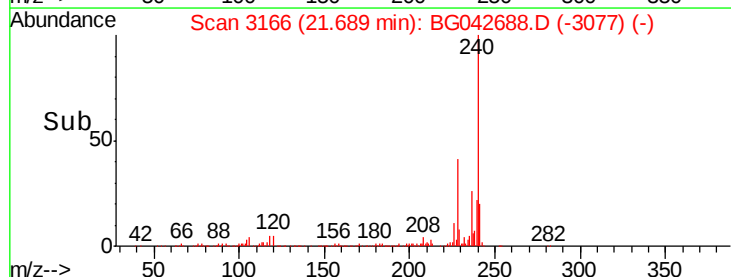
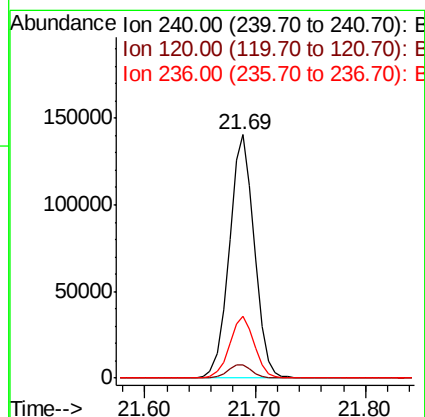
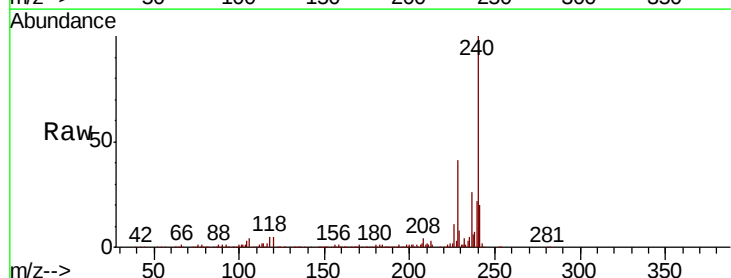
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	222817		
120	5.5	5.7	8.5#	
236	25.6	21.0	31.4	





#77

Benzidine

Concen: 36.429 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Instrument :

BNA_G

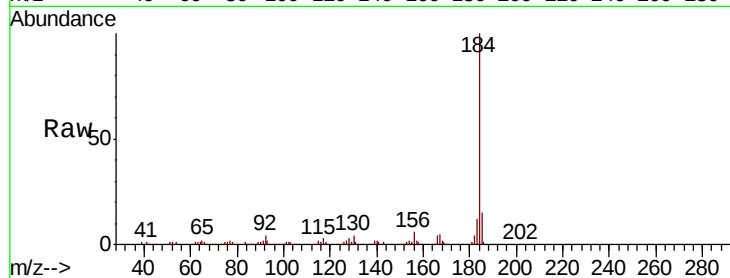
ClientSampleId :

PB122741BS

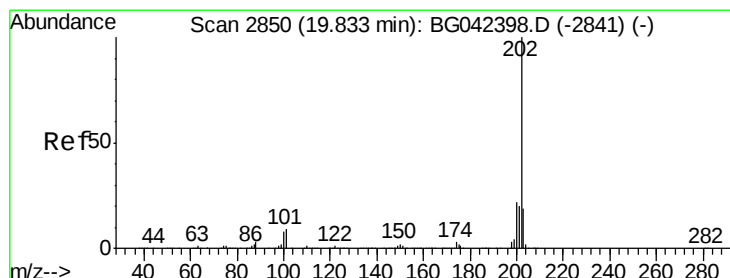
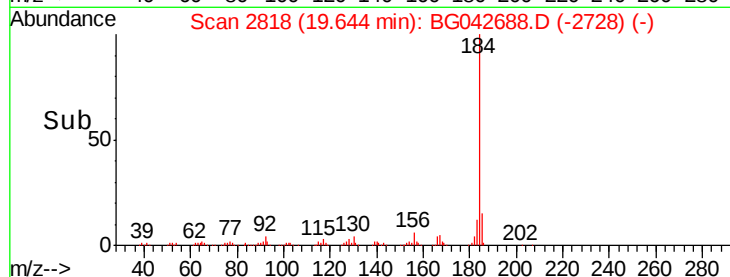
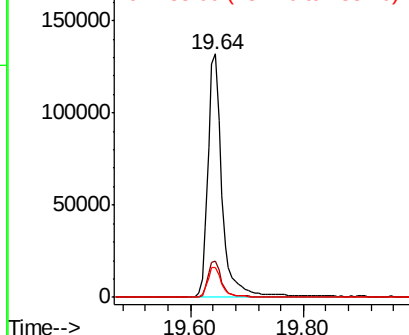
Tot Ion:	184	Resp:	232716
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.4
183	12.3	10.8	16.2

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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: 45.457 ng

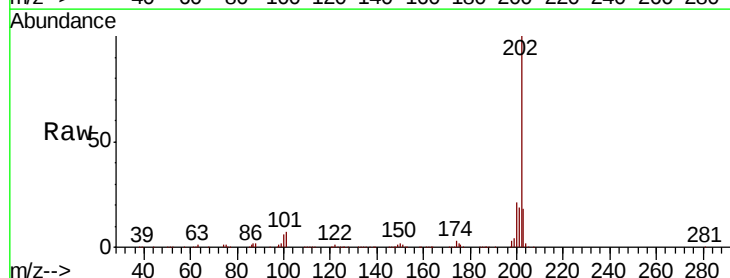
RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

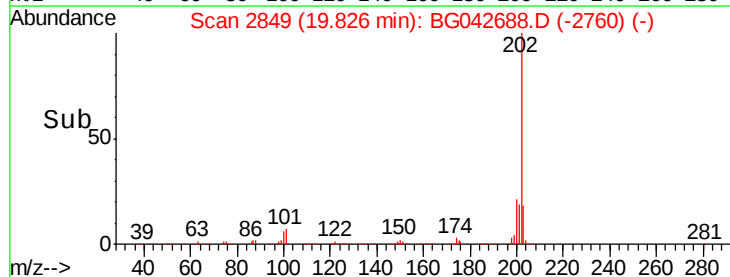
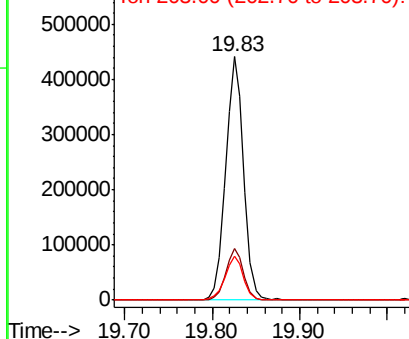
Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Tgt Ion:	202	Resp:	620980
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.8	26.6
203	17.9	15.5	23.3



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: 75.913 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Instrument :

BNA_G

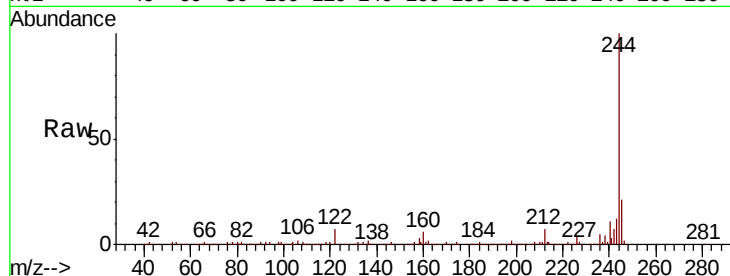
ClientSampleId :

PB122741BS

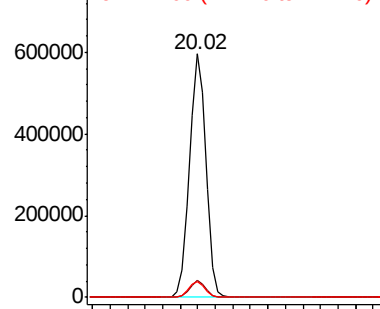
Tot Ion:	244	Resp:	782388
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	6.6	6.7	10.1#

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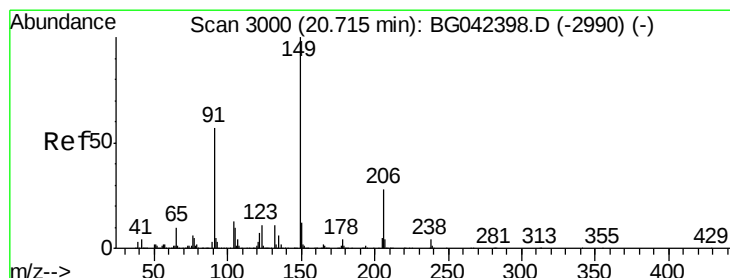
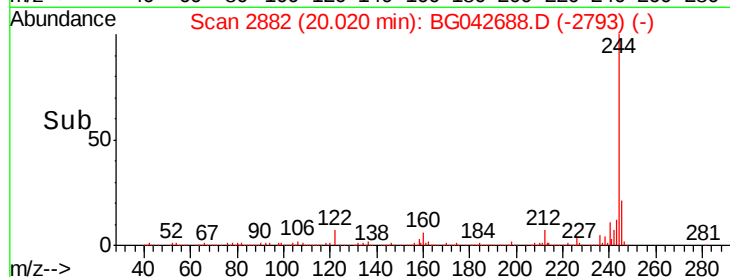
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10 20.20



#80

Butylbenzylphthalate

Concen: 40.935 ng

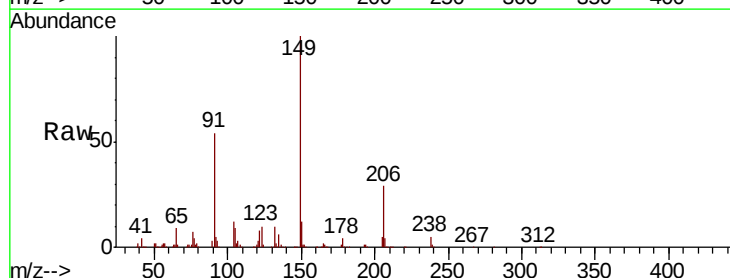
RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

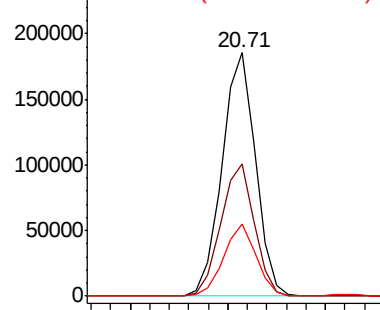
Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

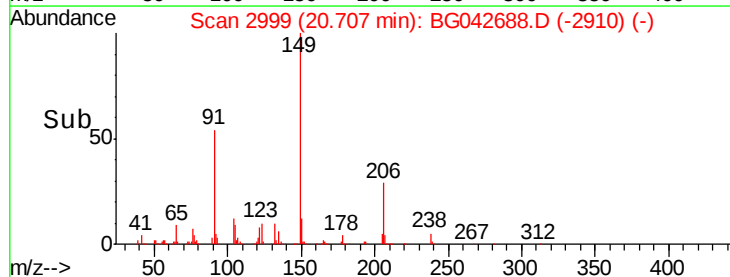
Tgt Ion:	149	Resp:	219947
Ion Ratio	Lower	Upper	
149	100		
91	54.2	45.9	68.9
206	29.5	22.5	33.7

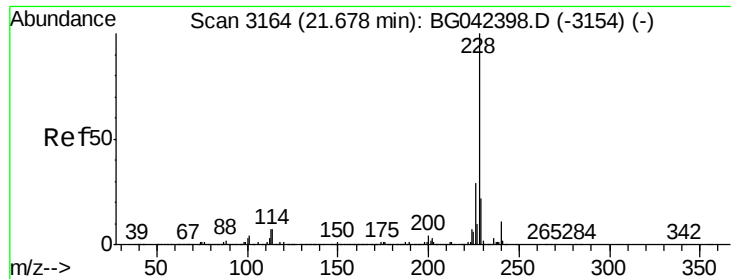


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E



Time--> 20.65 20.70 20.75





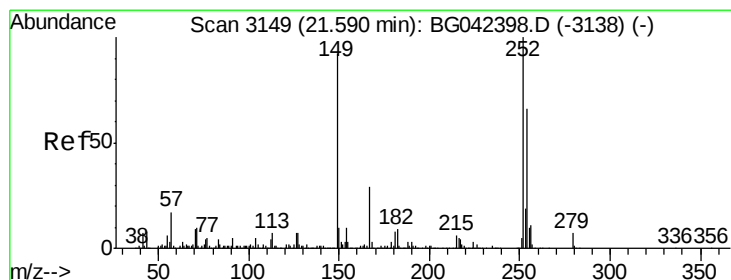
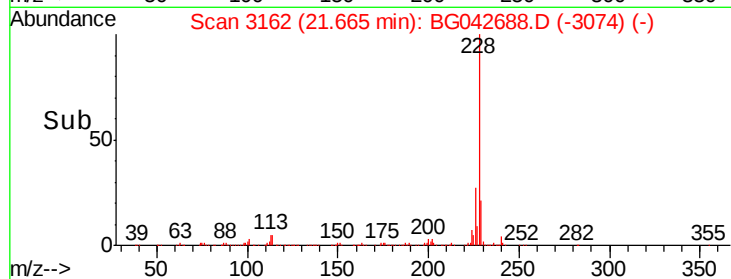
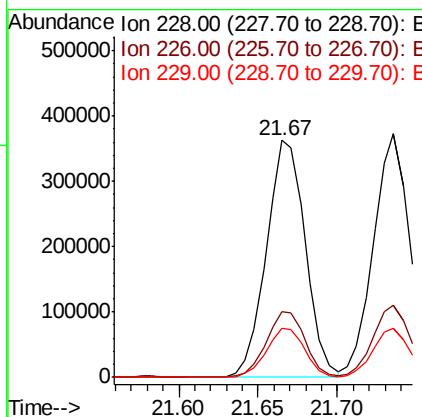
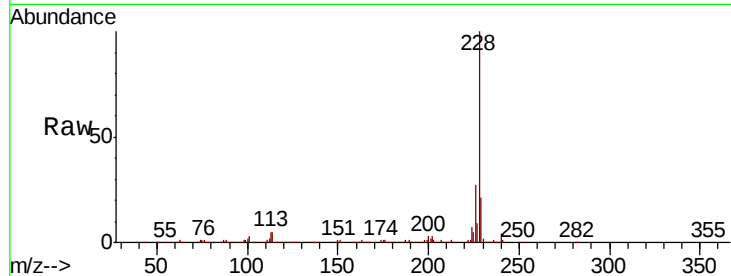
#81
Benzo(a)anthracene
Concen: 45.620 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.4	35.2
229	20.9	17.4	26.2

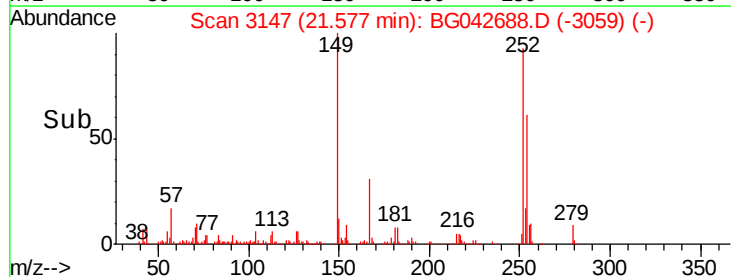
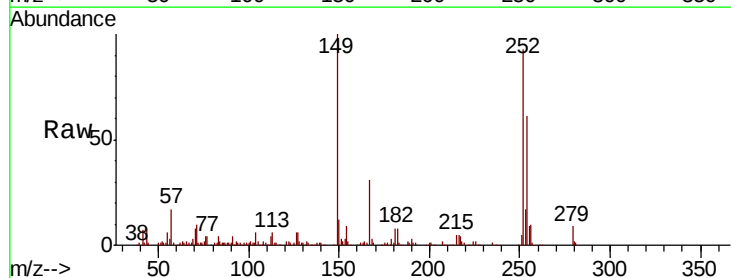
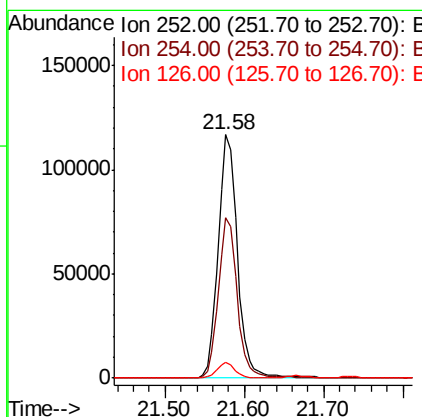
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#82
3,3'-Dichlorobenzidine
Concen: 36.172 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	53.0	79.4
126	6.3	5.7	8.5





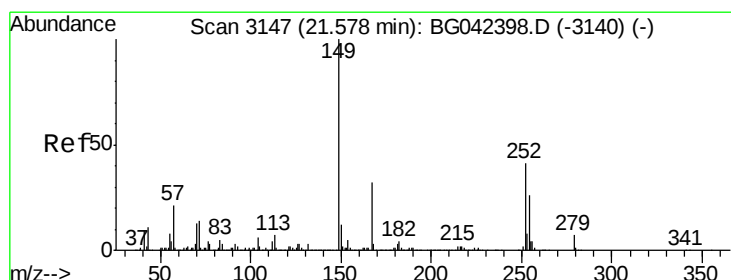
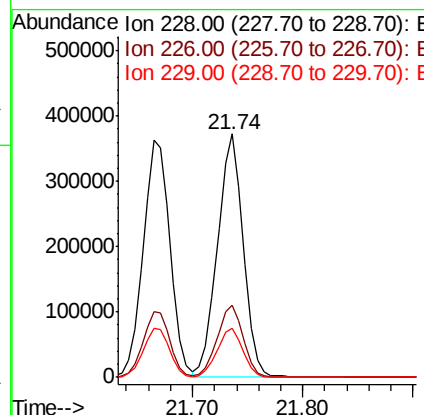
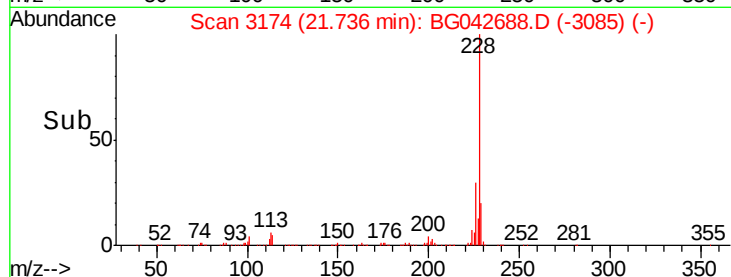
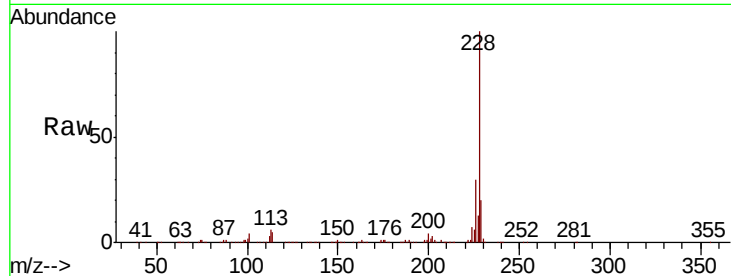
#83
 Chrysene
 Concen: 45.655 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Instrument :
 BNA_G
 ClientSampleId :
 PB122741BS

Tot Ion:	228	Resp:	596797
Ion Ratio		Lower	Upper
228	100		
226	29.5	24.9	37.3
229	20.3	16.9	25.3

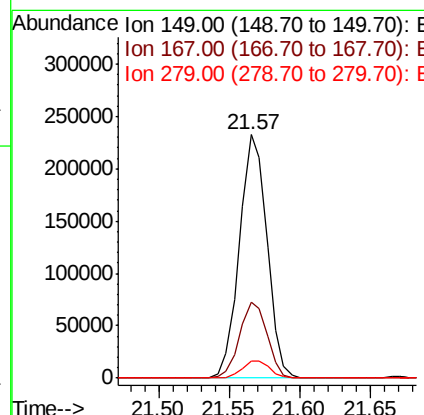
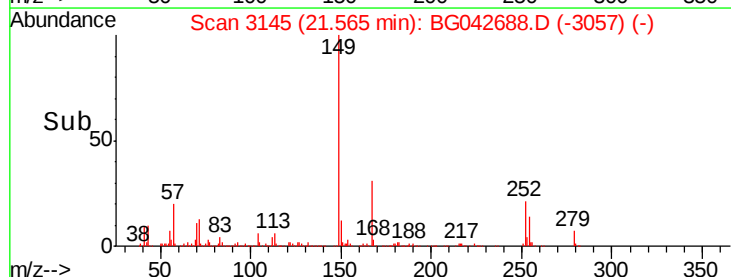
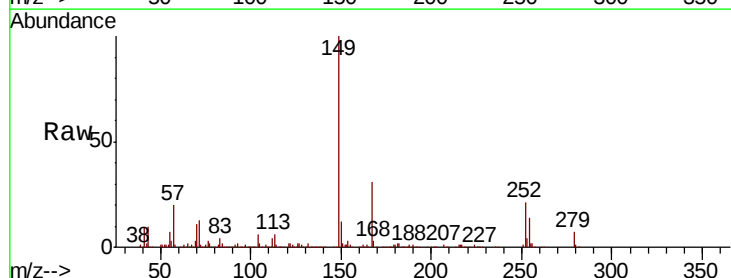
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.518 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042688.D
 Acq: 3 Sep 2019 14:39

Tgt Ion:	149	Resp:	317194
Ion Ratio		Lower	Upper
149	100		
167	31.4	26.0	39.0
279	6.9	5.4	8.0





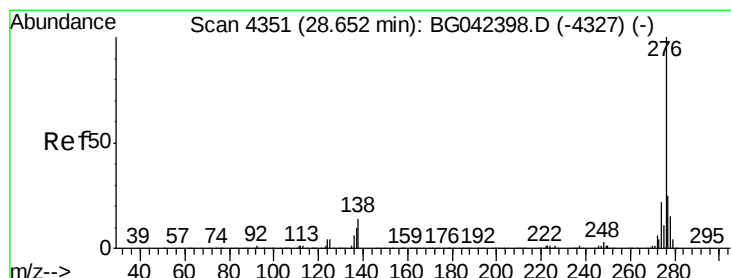
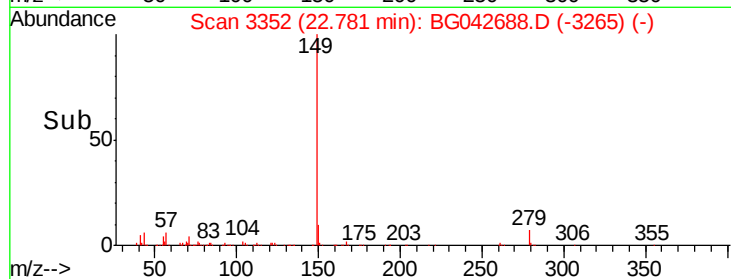
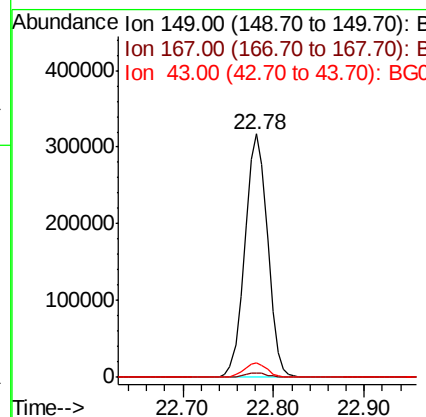
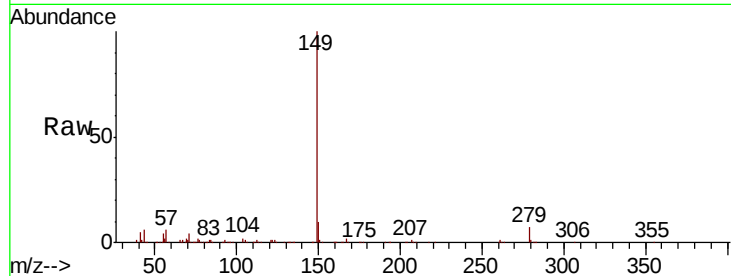
#85
Di-n-octyl phthalate
Concen: 42.844 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.8	1.6	2.4
43	6.0	5.3	7.9

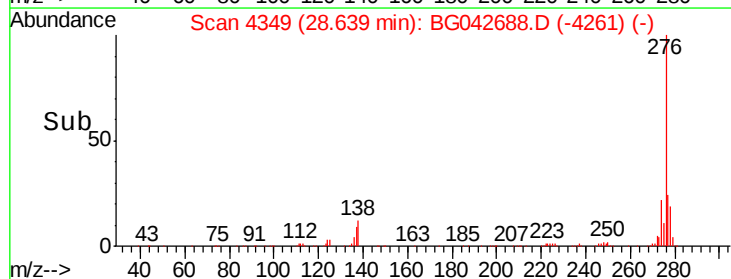
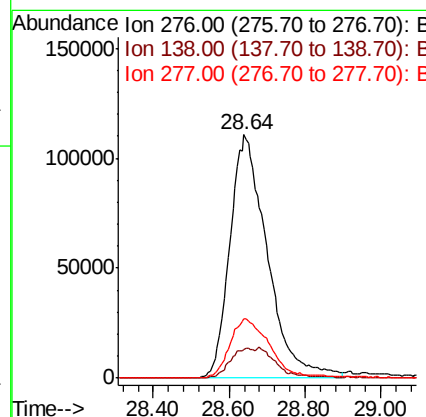
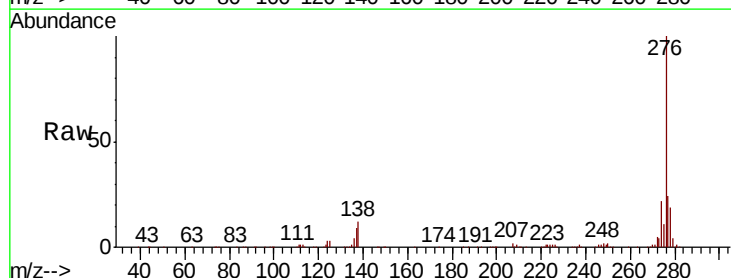
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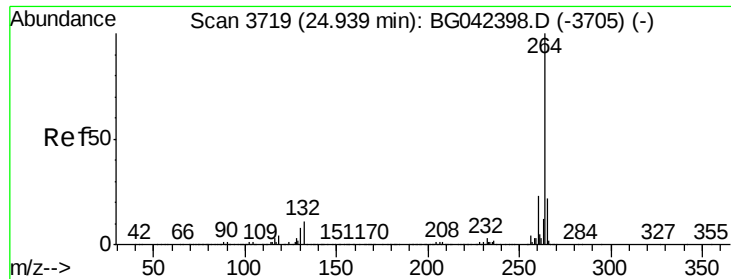
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.851 ng
RT: 28.64 min Scan# 4349
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	7.9	9.2	13.8#
277	25.4	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042688.D

Acq: 3 Sep 2019 14:39

Instrument :

BNA_G

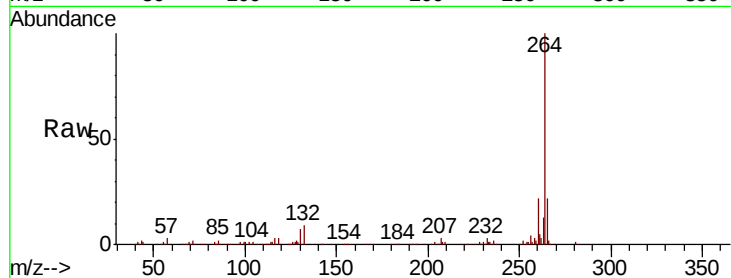
ClientSampleId :

PB122741BS

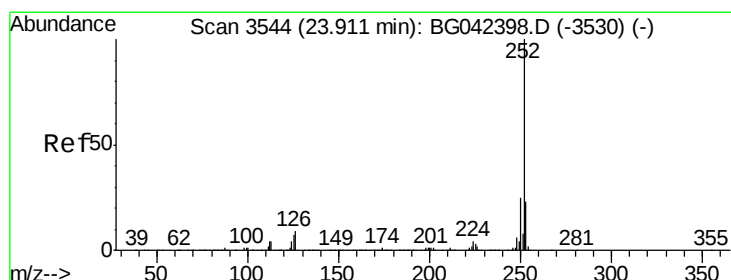
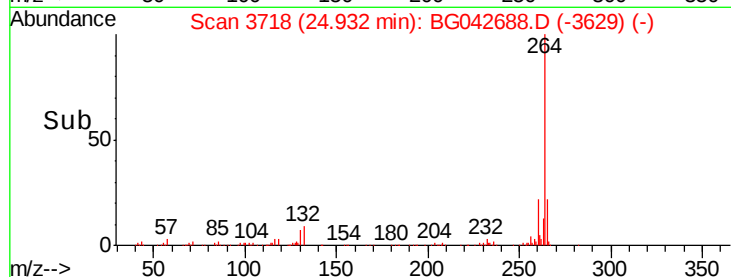
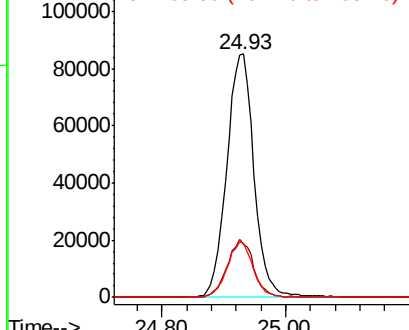
Tot Ion:	264	Resp:	260508
Ion Ratio	Lower	Upper	
264	100		
260	21.9	18.5	27.7
265	22.0	17.6	26.4

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



#88

Benzo(b)fluoranthene

Concen: 47.186 ng

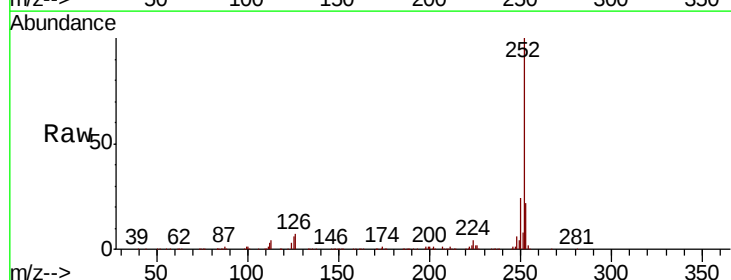
RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

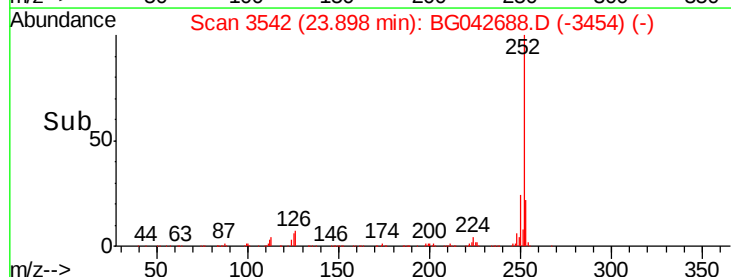
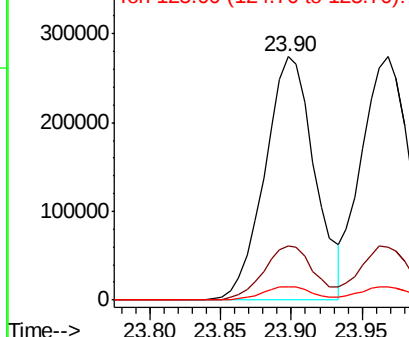
Lab File: BG042688.D

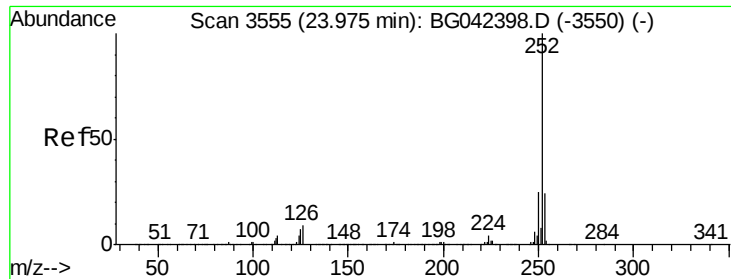
Acq: 3 Sep 2019 14:39

Tgt Ion:	252	Resp:	675789
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.6	27.8
125	5.6	5.6	8.4



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





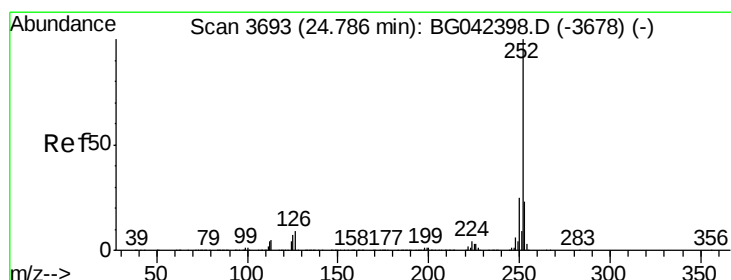
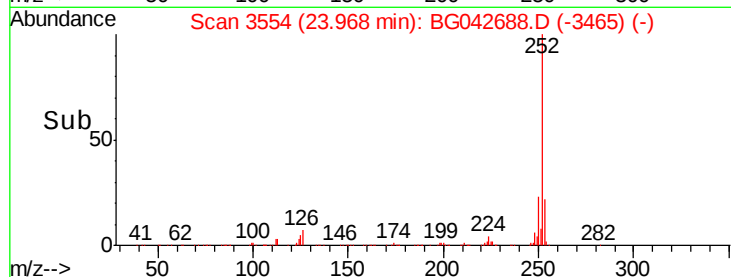
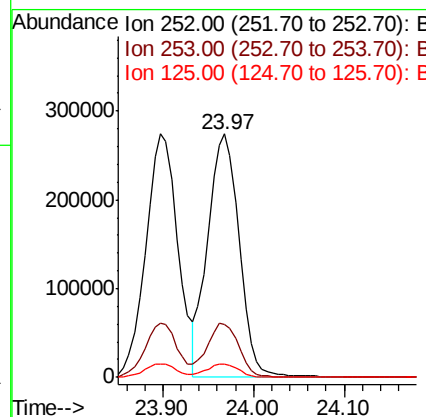
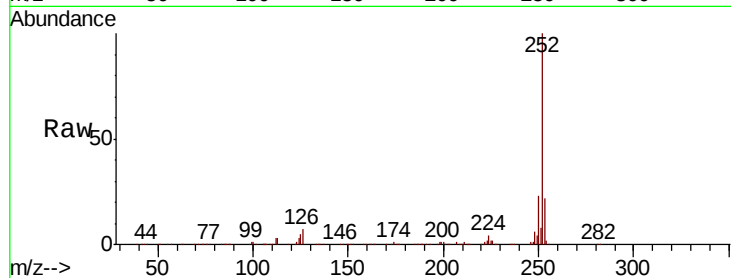
#89
Benzo(k)fluoranthene
Concen: 47.840 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	27.8
125	5.5	5.8	8.6

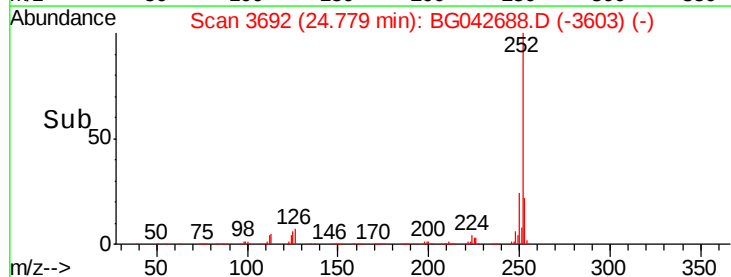
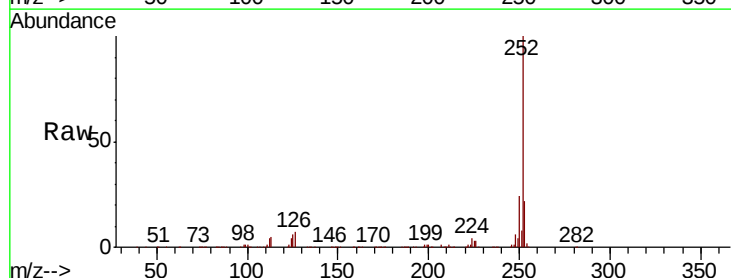
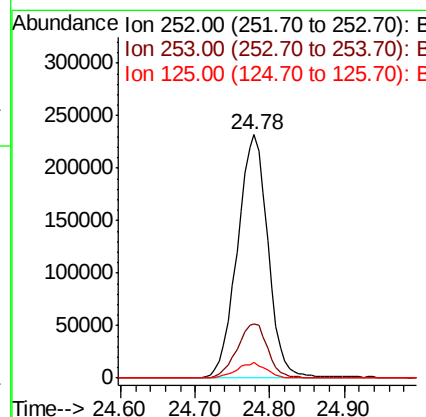
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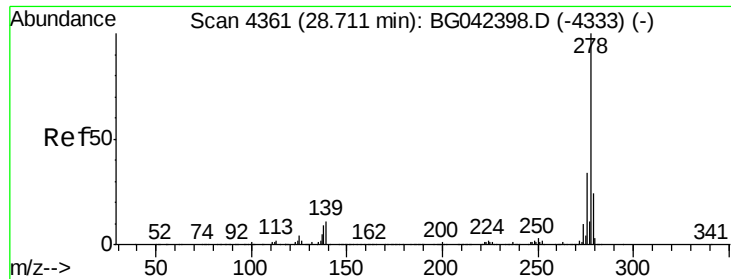
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#90
Benzo(a)pyrene
Concen: 48.631 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	6.3	6.0	9.0





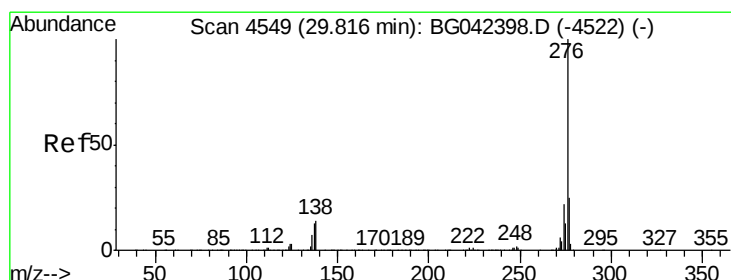
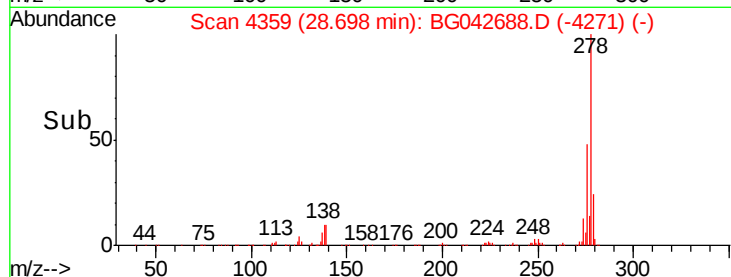
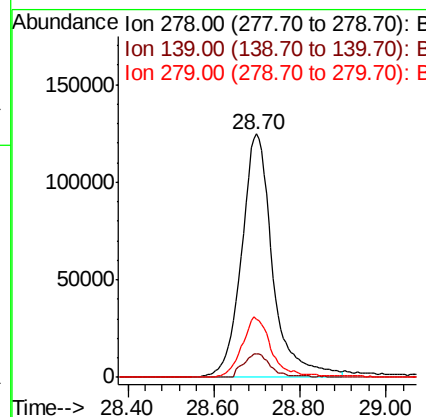
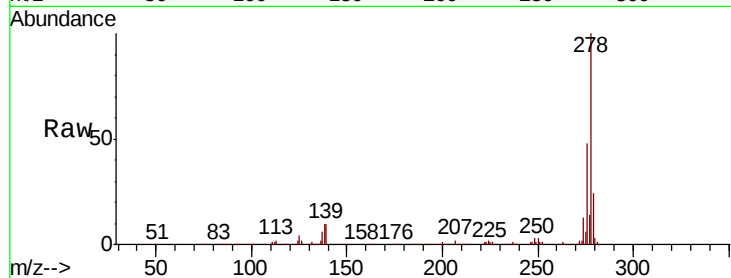
#91
Dibenzo(a,h)anthracene
Concen: 45.902 ng
RT: 28.70 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	8.8	13.2
279	24.0	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 45.410 ng
RT: 29.80 min Scan# 4546
Delta R.T. -0.02 min
Lab File: BG042688.D
Acq: 3 Sep 2019 14:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.8	29.8
138	11.7	11.4	17.0

