

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042591.D
 Acq On : 30 Aug 2019 9:00
 Operator : HP/JU
 Sample : PB122614BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

Manual Integrations
 APPROVED

mohammad
 8/31/2019 2:42:37 PM

Quant Time: Aug 30 16:23:23 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	31205	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	124038	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	91994	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	211294	20.00	ng	0.00
76) Chrysene-d12	21.69	240	241813	20.00	ng	0.00
87) Perylene-d12	24.92	264	263064	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	177628	115.29	ng	0.00
7) Phenol-d6	7.16	99	220643	106.02	ng	0.00
23) Nitrobenzene-d5	9.17	82	115303	64.24	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	143019	109.38	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	374440	68.84	ng	0.00
79) Terphenyl-d14	20.02	244	753209	67.34	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.41	88	22793	35.448 ng	97
3) Pyridine	3.82	79	51280	31.102 ng	99
4) n-Nitrosodimethylamine	3.73	42	25289	42.944 ng	89
6) Aniline	7.31	93	77716	27.997 ng	100
8) 2-Chlorophenol	7.56	128	79758	42.713 ng	97
9) Benzaldehyde	7.13	77	45252	43.430 ng	98
10) Phenol	7.19	94	87125	41.173 ng	93
11) bis(2-Chloroethyl)ether	7.41	93	61414	36.955 ng	94
12) 1,3-Dichlorobenzene	7.88	146	92387	38.893 ng	97
13) 1,4-Dichlorobenzene	8.03	146	94008	39.070 ng	99
14) 1,2-Dichlorobenzene	8.35	146	89709	38.932 ng	99
15) Benzyl Alcohol	8.24	79	59634	39.827 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	80225	35.616 ng	99
17) 2-Methylphenol	8.45	107	61525	39.474 ng	96
18) Hexachloroethane	9.09	117	31622	38.389 ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	48668	36.095 ng	92
20) 3+4-Methylphenols	8.78	107	84018	38.956 ng	98
22) Acetophenone	8.82	105	109235	41.175 ng	# 98
24) Nitrobenzene	9.21	77	71973	39.597 ng	99
25) Isophorone	9.74	82	132166	37.310 ng	99
26) 2-Nitrophenol	9.92	139	47425	41.636 ng	93
27) 2,4-Dimethylphenol	9.99	122	71343	45.469 ng	99
28) bis(2-Chloroethoxy)methane	10.22	93	82875	37.119 ng	99
29) 2,4-Dichlorophenol	10.47	162	88141	42.936 ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	103277	40.987 ng	99
31) Naphthalene	10.87	128	234514	40.723 ng	99
32) Benzoic acid	10.13	122	32286	31.696 ng	98
33) 4-Chloroaniline	10.98	127	62260	23.420 ng	99
34) Hexachlorobutadiene	11.16	225	70925	41.882 ng	99
35) Caprolactam	11.75	113	23887m	34.872 ng	
36) 4-Chloro-3-methylphenol	12.11	107	78830	40.451 ng	99
37) 2-Methylnaphthalene	12.48	142	187479	40.544 ng	99
38) 1-Methylnaphthalene	12.70	142	172471	39.267 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	130146	44.054 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	112141	72.263	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	81408	40.768	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	85307	41.224	nq	98
46) 1,1'-Biphenyl	13.49	154	244520	41.120	nq	99
47) 2-Chloronaphthalene	13.53	162	203417	39.672	nq	99
48) 2-Nitroaniline	13.73	65	44336	35.857	nq	94
49) Acenaphthylene	14.38	152	314572	40.779	nq	99
50) Dimethylphthalate	14.11	163	253010	38.117	nq	100
51) 2,6-Dinitrotoluene	14.22	165	61131	39.732	nq	98
52) Acenaphthene	14.72	154	183223	39.115	nq	98
53) 3-Nitroaniline	14.56	138	43017	27.956	nq	99
54) 2,4-Dinitrophenol	14.78	184	64743	63.800	nq	99
55) Dibenzofuran	15.06	168	318593	41.090	nq	99
56) 4-Nitrophenol	14.88	139	85473	78.174	nq	95
57) 2,4-Dinitrotoluene	15.02	165	86040	39.052	nq	97
58) Fluorene	15.70	166	257222	40.583	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	84486	41.285	nq	# 93
60) Diethylphthalate	15.47	149	243639	37.548	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	153560	40.191	nq	97
62) 4-Nitroaniline	15.73	138	61855	37.560	nq	96
63) Azobenzene	15.99	77	166893	37.536	nq	96
65) 4,6-Dinitro-2-methylphenol	15.79	198	53749	40.574	nq	99
66) n-Nitrosodiphenylamine	15.91	169	234068	40.282	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	108626	40.530	nq	97
68) Hexachlorobenzene	16.72	284	112577	38.640	nq	99
69) Atrazine	16.86	200	89243	43.430	nq	96
70) Pentachlorophenol	17.07	266	128613	84.960	nq	98
71) Phenanthrene	17.45	178	438146	41.747	nq	99
72) Anthracene	17.54	178	450858	43.031	nq	98
73) Carbazole	17.81	167	395256	42.328	nq	98
74) Di-n-butylphthalate	18.37	149	449460	40.718	nq	99
75) Fluoranthene	19.47	202	589366	46.013	nq	96
77) Benzidine	19.64	184	238839	34.450	nq	99
78) Pyrene	19.82	202	602377	40.631	nq	98
80) Butylbenzylphthalate	20.70	149	217426	37.287	nq	99
81) Benzo(a)anthracene	21.67	228	595789	40.502	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	215810	36.479	nq	99
83) Chrysene	21.73	228	584635	41.211	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	313503	38.722	nq	97
85) Di-n-octyl phthalate	22.78	149	544524	39.104	nq	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	760821	39.464	nq	# 97
88) Benzo(b)fluoranthene	23.90	252	646892	44.730	nq	98
89) Benzo(k)fluoranthene	23.97	252	647861	46.604	nq	97
90) Benzo(a)pyrene	24.78	252	638554	46.530	nq	99
91) Dibenzo(a,h)anthracene	28.70	278	632320	45.507	nq	98
92) Benzo(g,h,i)perylene	29.79	276	638196	45.923	nq	96

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



#1

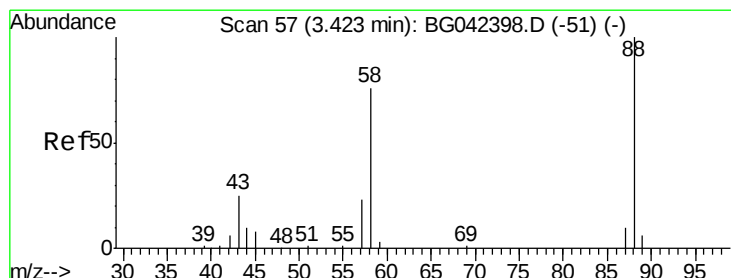
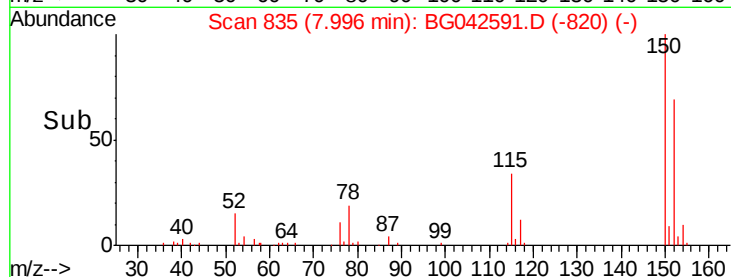
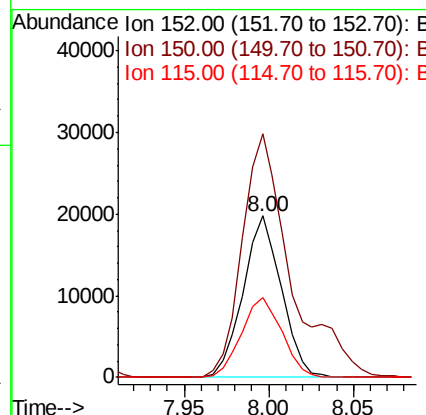
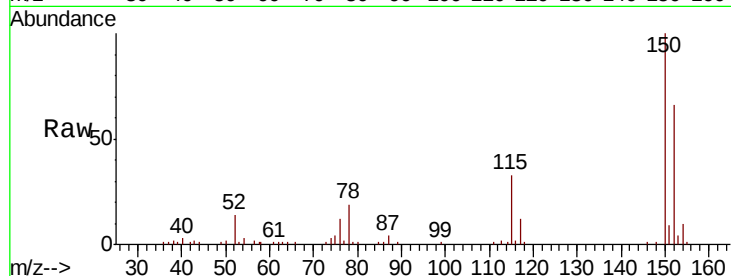
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	125.4	188.0
115	49.1	38.5	57.7

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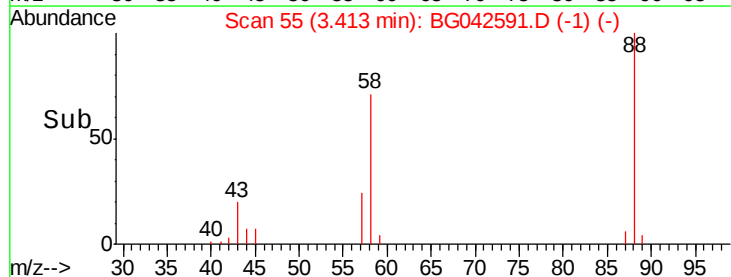
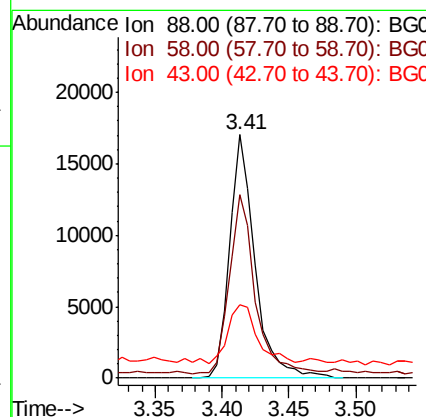
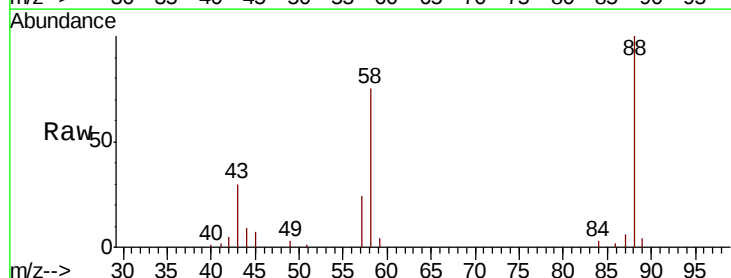
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#2

1,4-Dioxane
Concen: 35.448 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.1	58.3	87.5
43	27.5	20.2	30.2





#3

Pvridine

Concen: 31.102 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

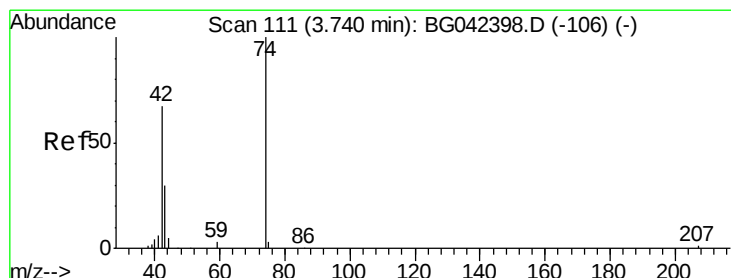
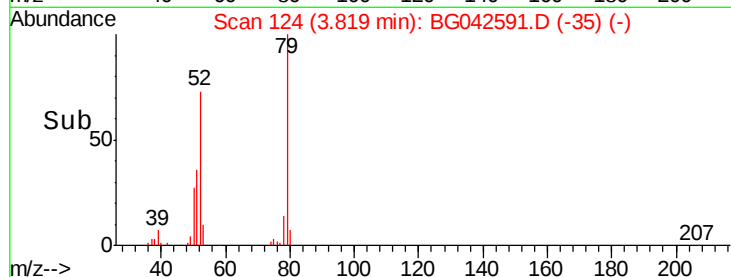
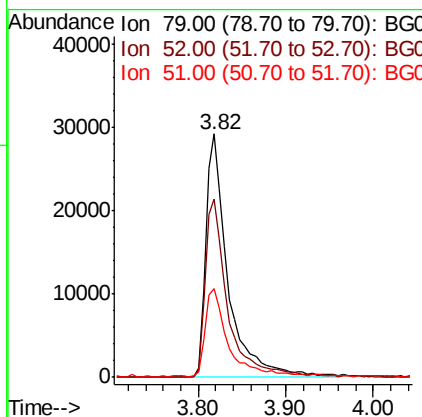
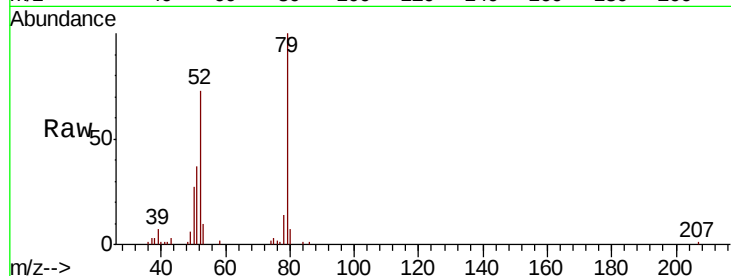
ClientSampleId :

PB122614BS

Tot Ion:	79	Resp:	51280
Ion	Ratio	Lower	Upper
79	100		
52	73.0	57.7	86.5
51	36.7	28.8	43.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.944 ng

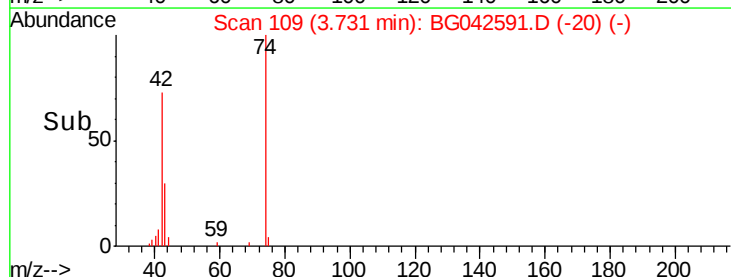
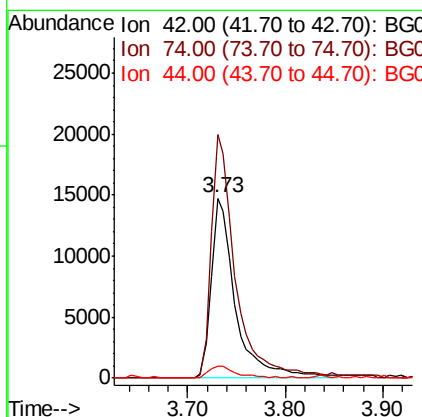
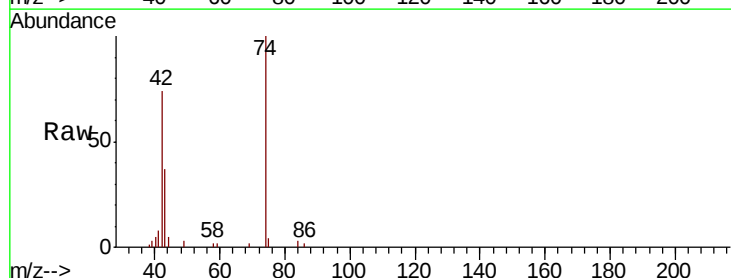
RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Tgt Ion:	42	Resp:	25289
Ion	Ratio	Lower	Upper
42	100		
74	135.5	119.6	179.4
44	6.7	6.5	9.7





#5

2-Fluorophenol

Concen: 115.285 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

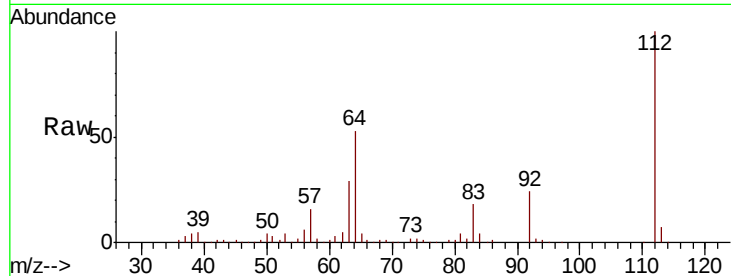
ClientSampleId :

PB122614BS

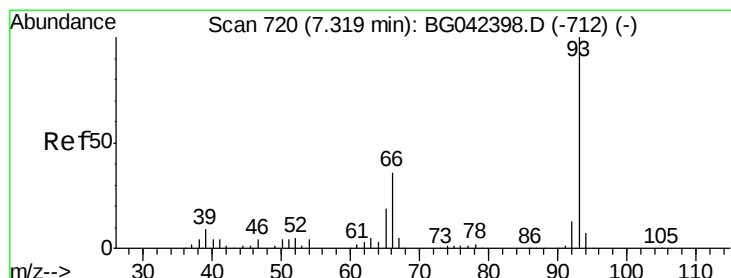
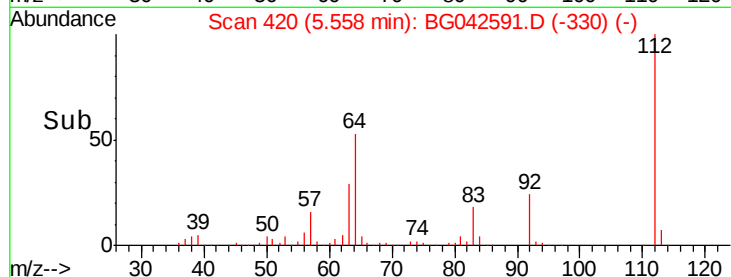
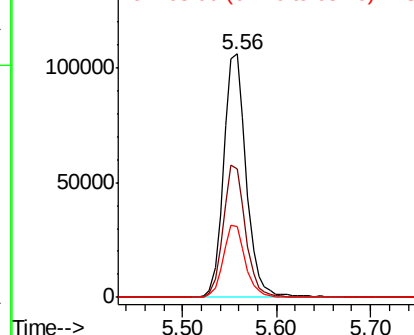
Tot Ion:	112	Resp:	177628
Ion Ratio	Lower	Upper	
112	100		
64	52.6	42.8	64.2
63	28.9	22.7	34.1

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.997 ng

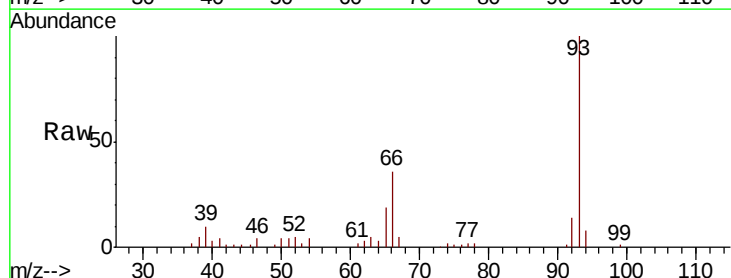
RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

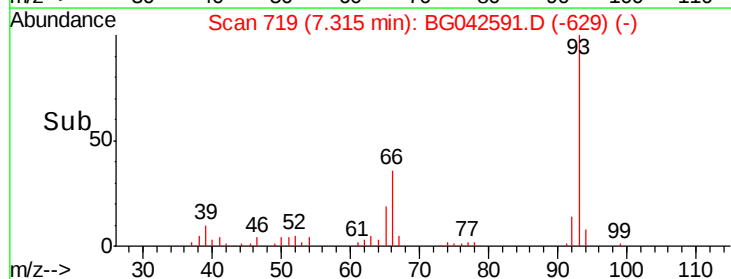
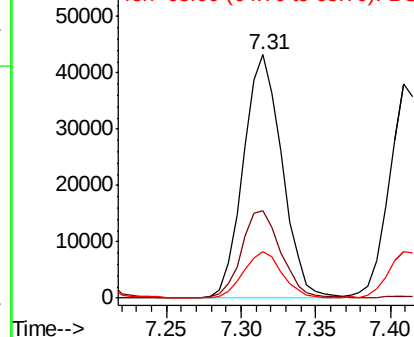
Lab File: BG042591.D

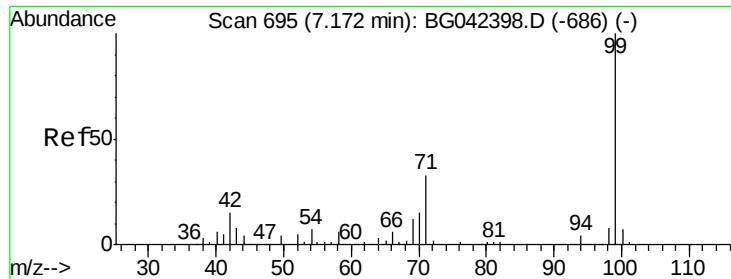
Acq: 30 Aug 2019 9:00

Tgt Ion:	93	Resp:	77716
Ion Ratio	Lower	Upper	
93	100		
66	36.2	29.0	43.6
65	19.0	15.2	22.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 106.016 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

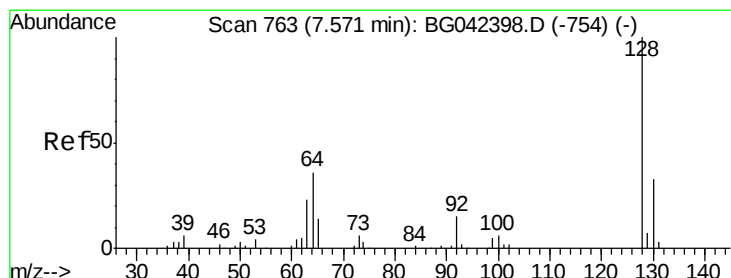
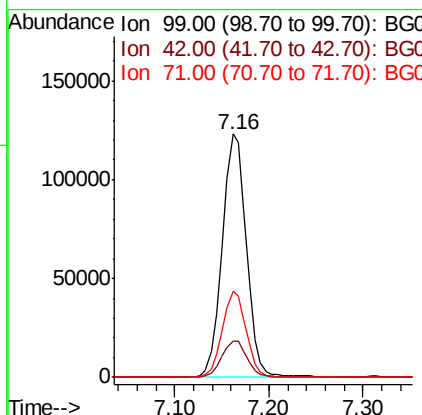
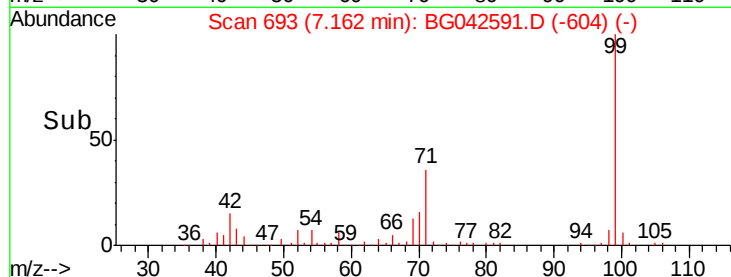
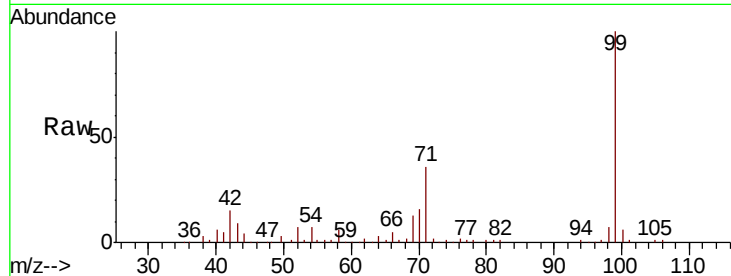
ClientSampleId :

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Tot Ion:	99	Resp:	220643
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.0	18.0
71	35.5	26.3	39.5

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#8

2-Chlorophenol

Concen: 42.713 ng

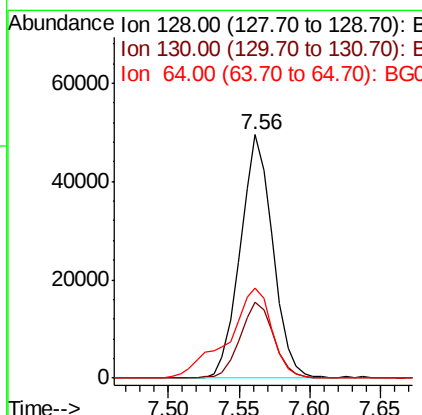
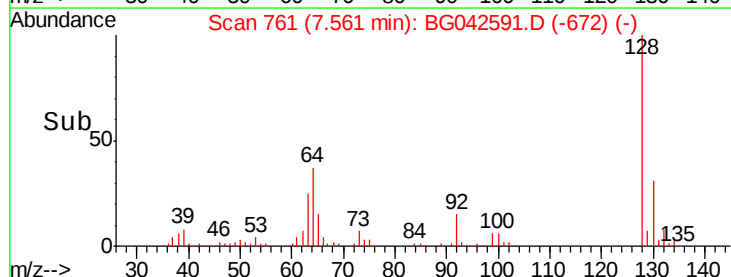
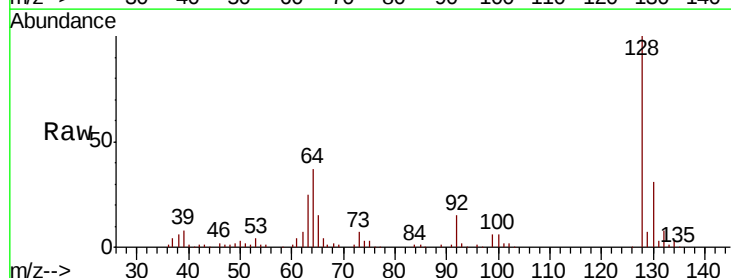
RT: 7.56 min Scan# 761

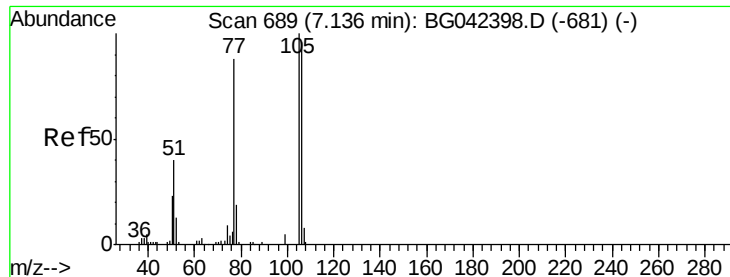
Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Tgt Ion:	128	Resp:	79758
Ion Ratio	Lower	Upper	
128	100		
130	31.1	12.8	52.8
64	37.0	19.2	59.2





#9

Benzaldehyde

Concen: 43.430 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

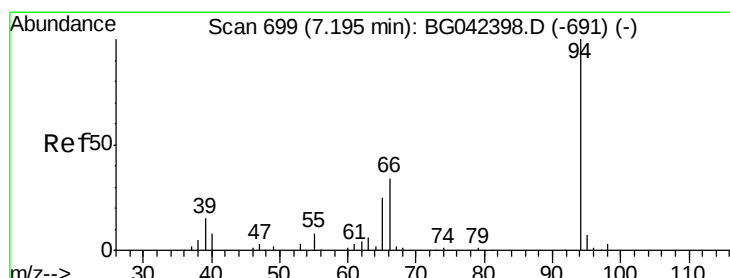
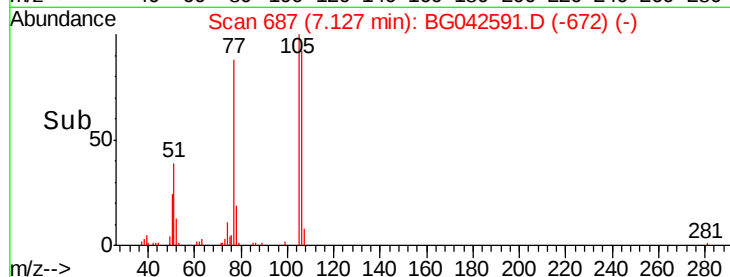
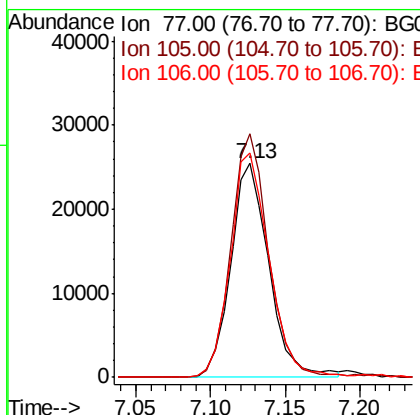
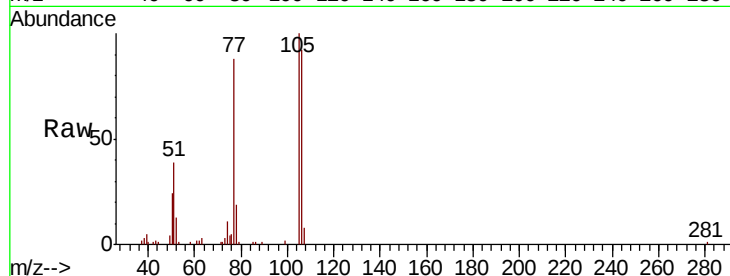
ClientSampleId :

PB122614BS

Tot Ion:	77	Resp:	45252
Ion	Ratio	Lower	Upper
77	100		
105	113.8	93.4	133.4
106	104.7	88.4	128.4

Manual Integrations
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#10

Phenol

Concen: 41.173 ng

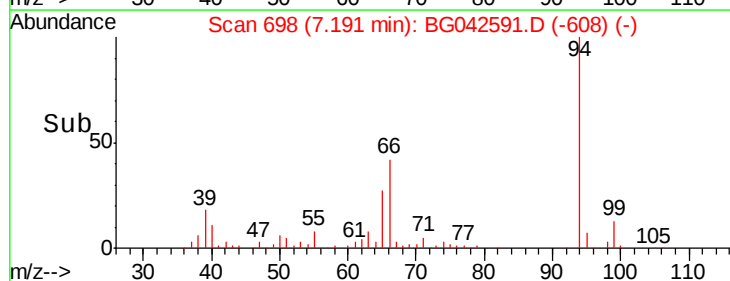
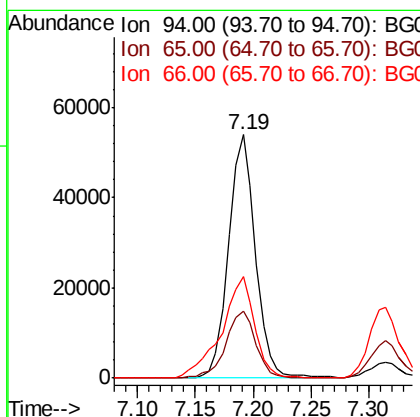
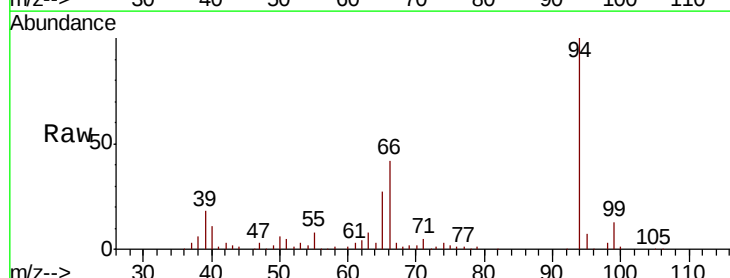
RT: 7.19 min Scan# 698

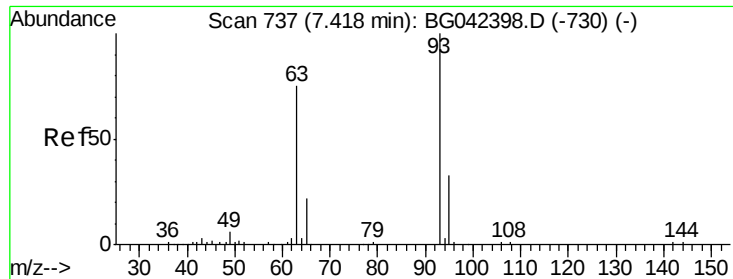
Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Tgt Ion:	94	Resp:	87125
Ion	Ratio	Lower	Upper
94	100		
65	27.3	5.6	45.6
66	41.7	16.0	56.0





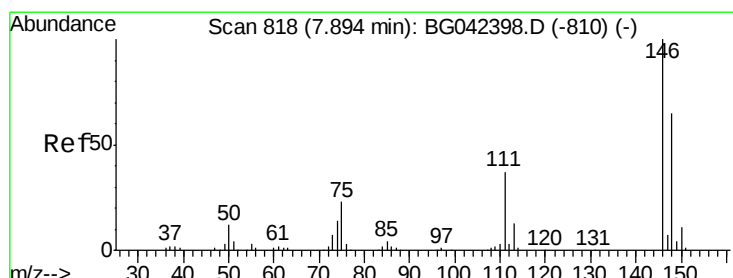
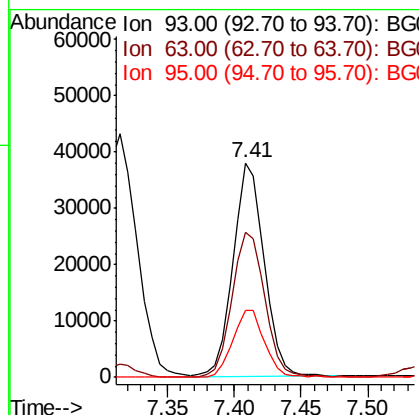
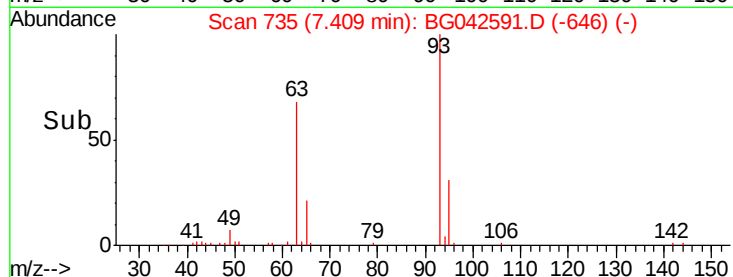
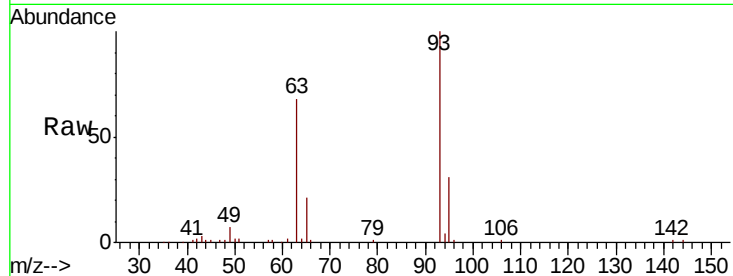
#11
bis(2-Chloroethyl)ether
Concen: 36.955 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion:	93	Resp:	61414
Ion	Ratio	Lower	Upper
93	100		
63	67.9	53.8	93.8
95	31.3	13.1	53.1

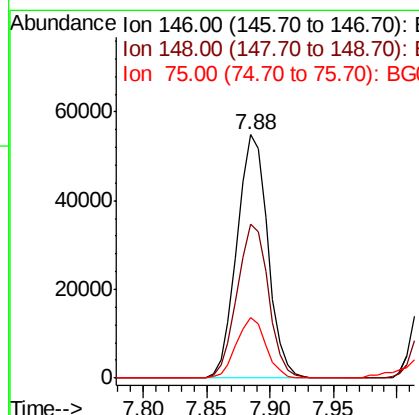
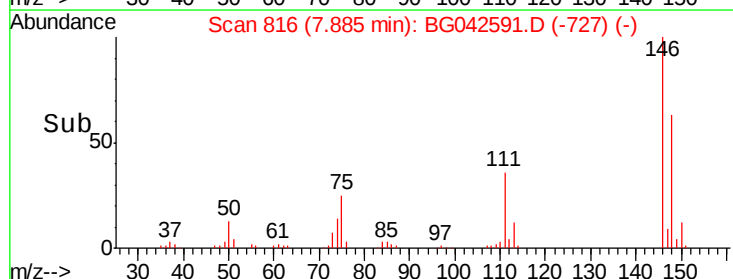
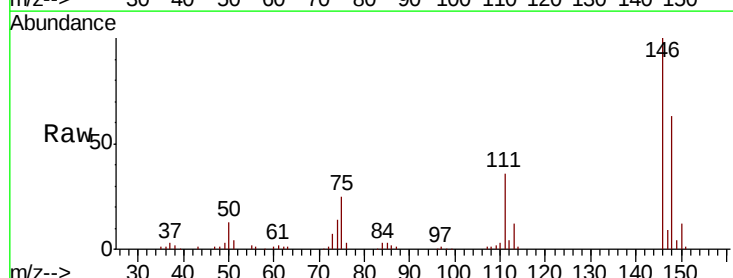
Manual Integrations
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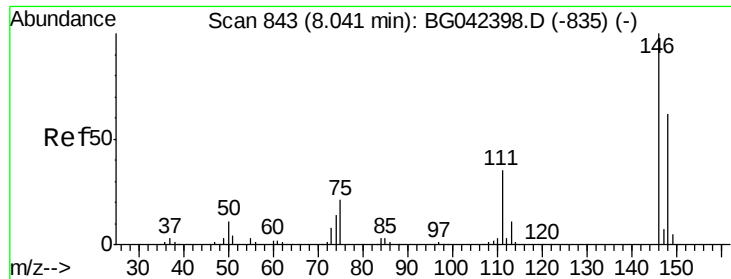
mohammad
8/31/2019 2:42:37 PM



#12
1,3-Dichlorobenzene
Concen: 38.893 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion:	146	Resp:	92387
Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
75	24.8	18.0	27.0





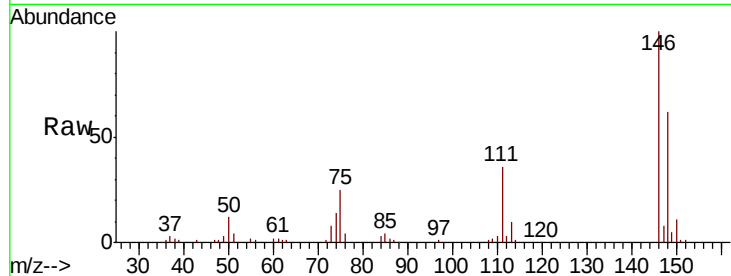
#13
 1,4-Dichlorobenzene
 Concen: 39.070 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	49.5	74.3
111	35.9	28.1	42.1

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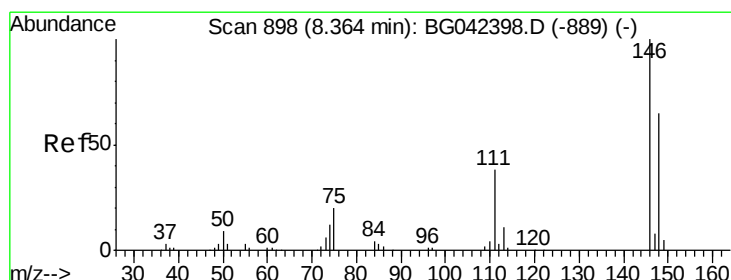
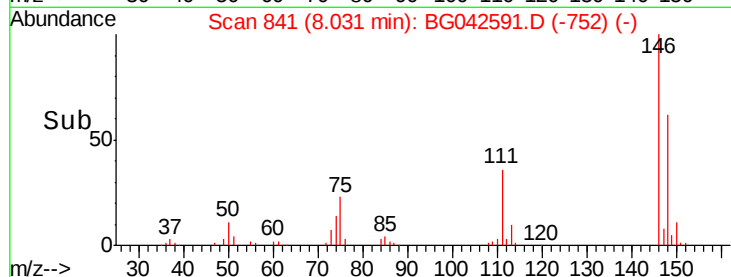
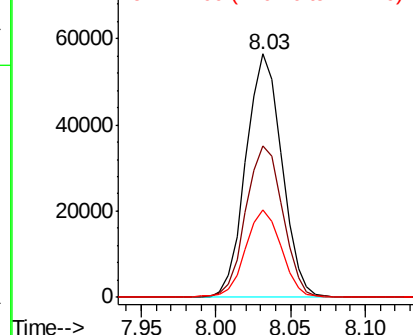


Abundance

Ion 146.00 (145.70 to 146.70): E

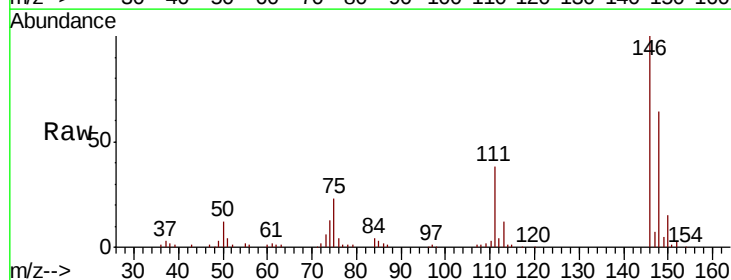
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.932 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
111	37.7	30.9	46.3

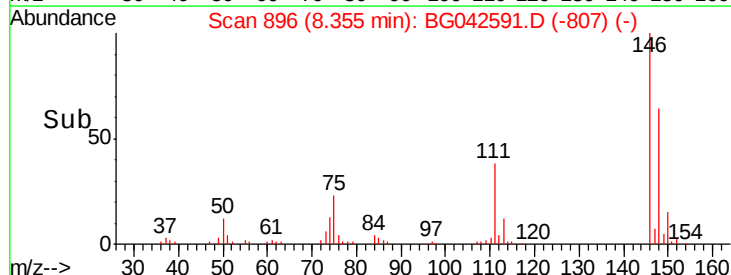
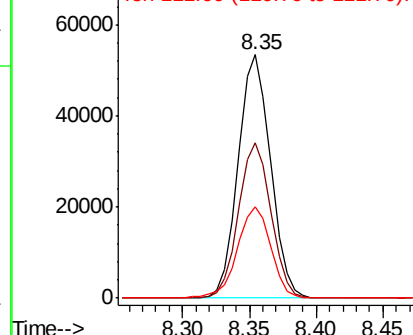


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.827 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampleId :

PB122614BS

Tot Ion: 79 Resp: 59634

Ion Ratio Lower Upper

79 100

108 81.5 67.4 101.2

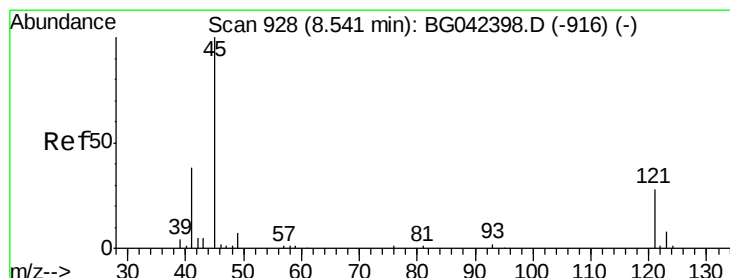
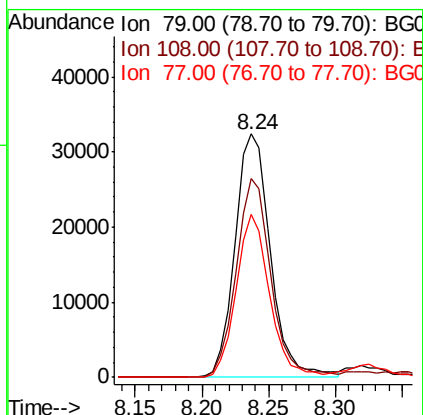
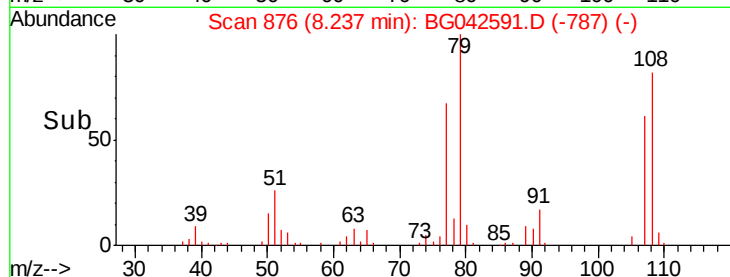
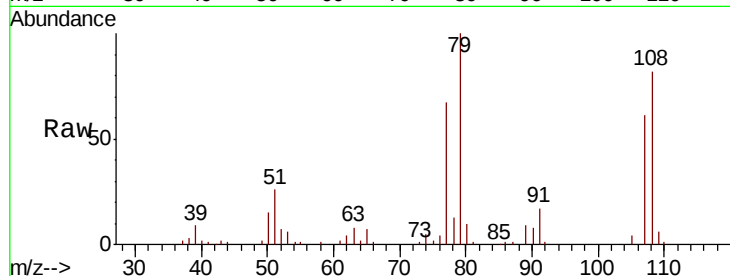
77 67.1 50.8 76.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.616 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

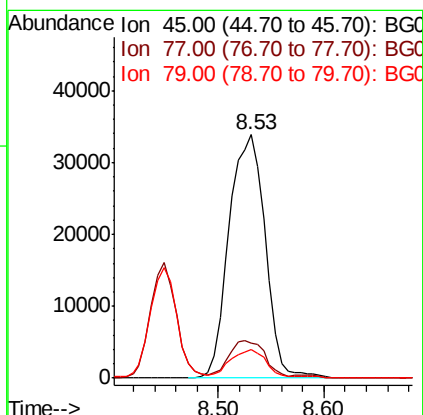
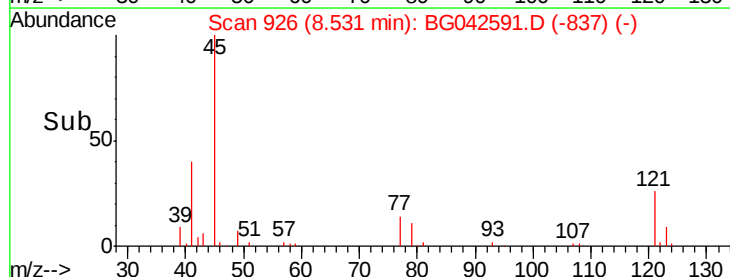
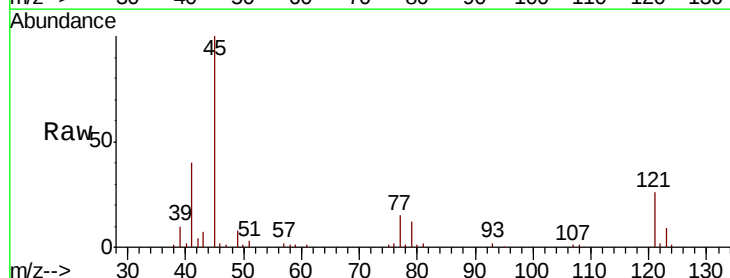
Tgt Ion: 45 Resp: 80225

Ion Ratio Lower Upper

45 100

77 14.5 0.0 35.6

79 11.6 0.0 31.6





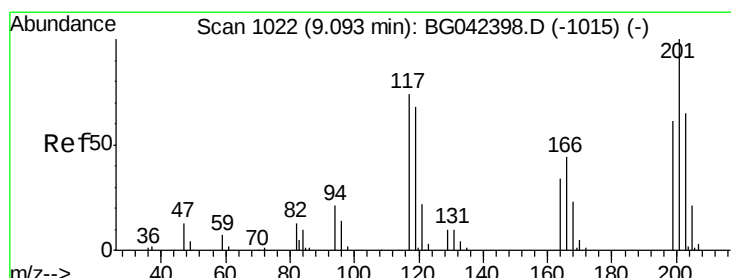
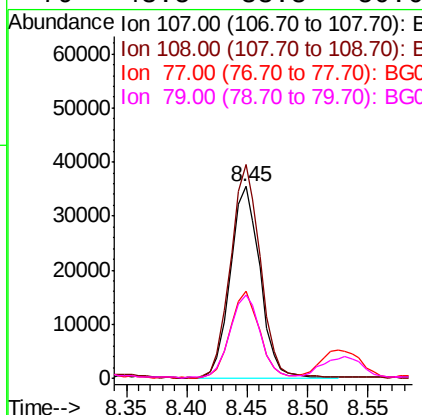
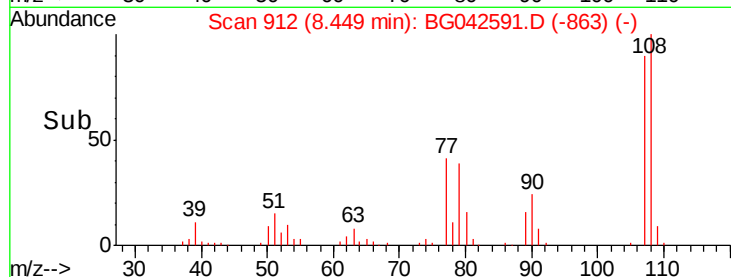
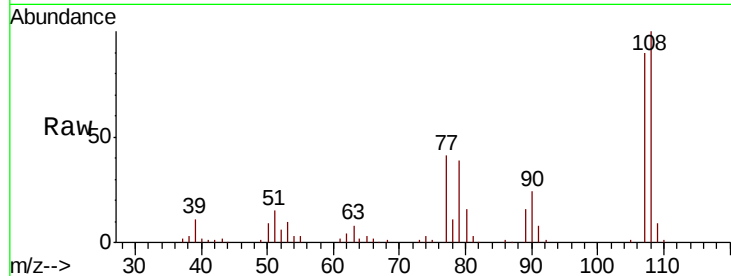
#17
2-Methylphenol
Concen: 39.474 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion:	107	Resp:	61525
Ion Ratio	Lower	Upper	
107	100		
108	111.5	92.9	139.3
77	45.3	34.4	51.6
79	43.5	33.8	50.6

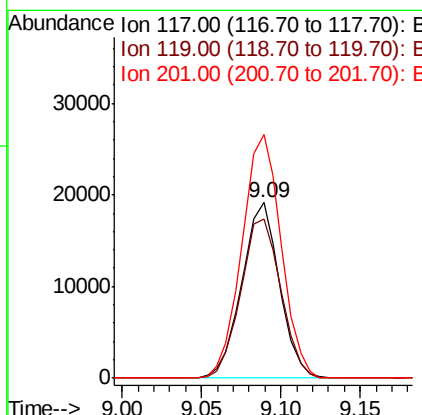
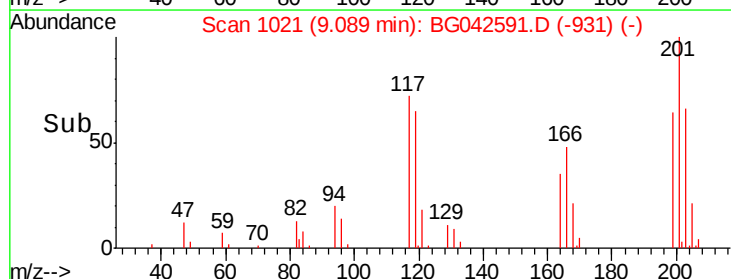
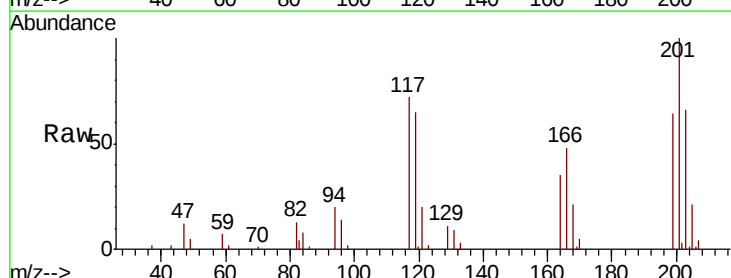
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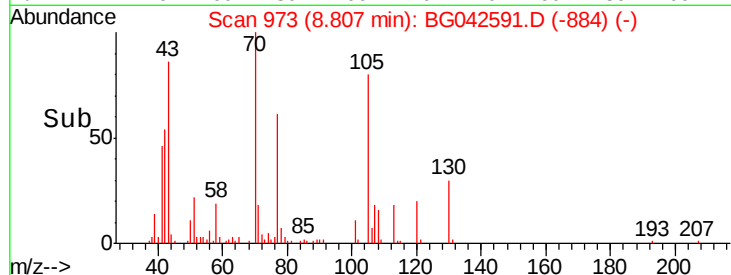
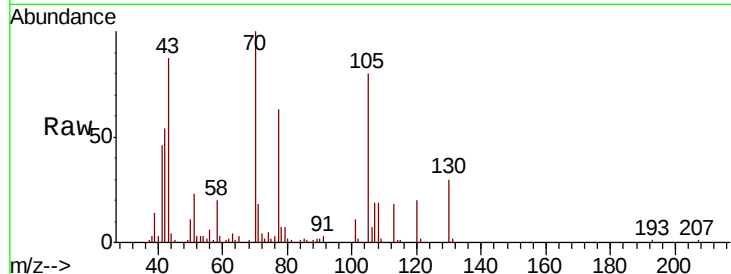
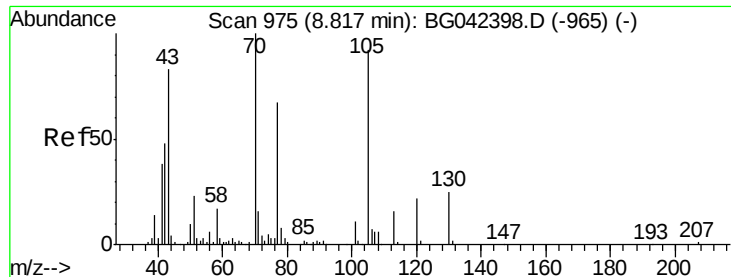
mohammad
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#18
Hexachloroethane
Concen: 38.389 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion:	117	Resp:	31622
Ion Ratio	Lower	Upper	
117	100		
119	90.6	73.8	110.8
201	138.9	108.3	162.5





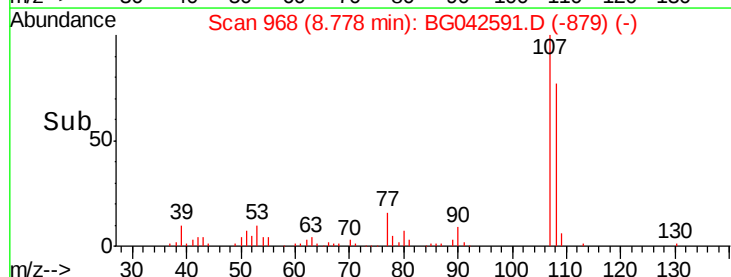
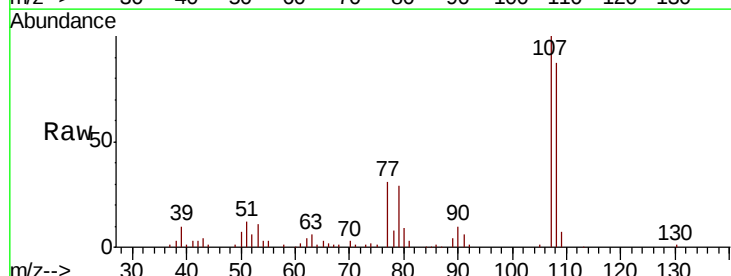
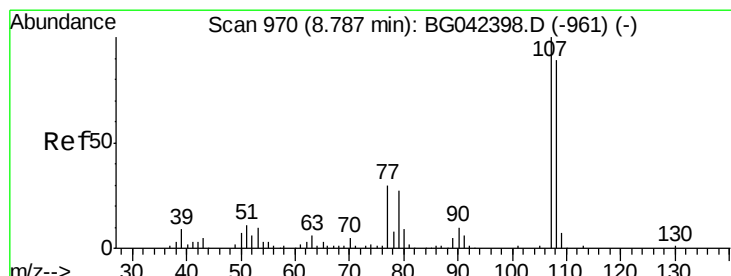
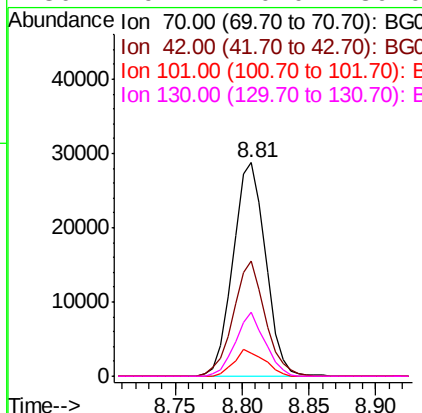
#19
n-Nitroso-di-n-propylamine
Concen: 36.095 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.1	38.8	58.2	
101	10.7	9.0	13.6	
130	29.7	20.0	30.0	

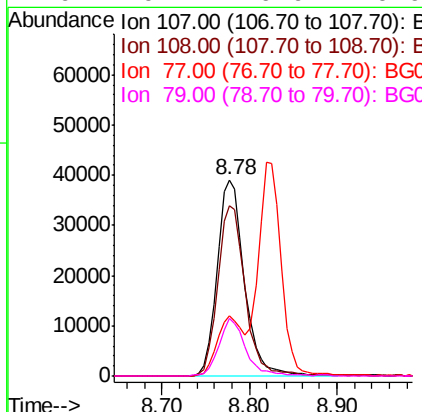
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#20
3+4-Methylphenols
Concen: 38.956 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.0	68.7	108.7	
77	30.9	10.2	50.2	
79	29.1	6.9	46.9	





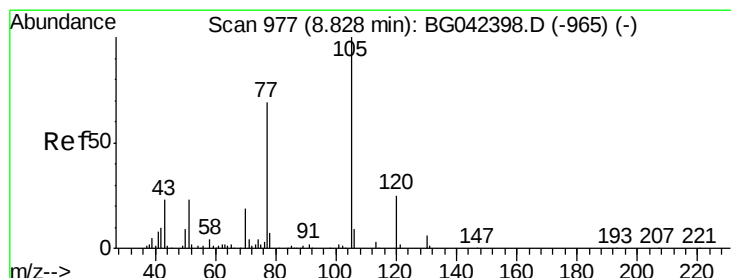
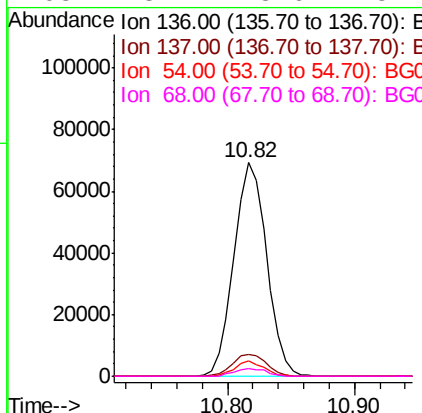
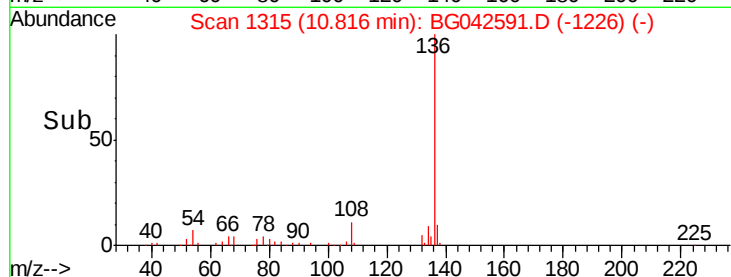
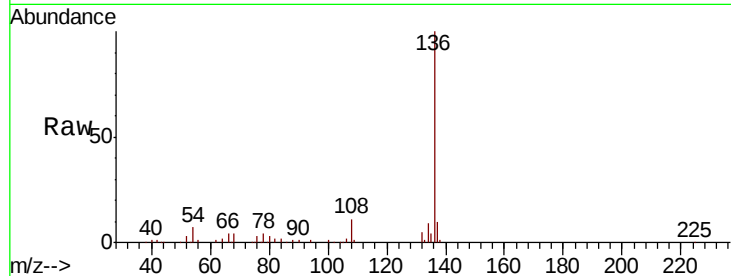
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampled :
PB122614BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	124038		
137	10.3	8.7	13.1	
54	7.1	4.9	7.3	
68	3.7	3.6	5.4	

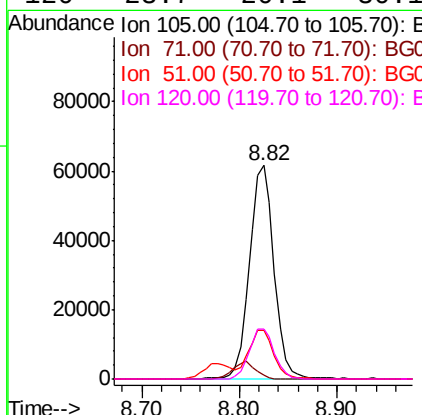
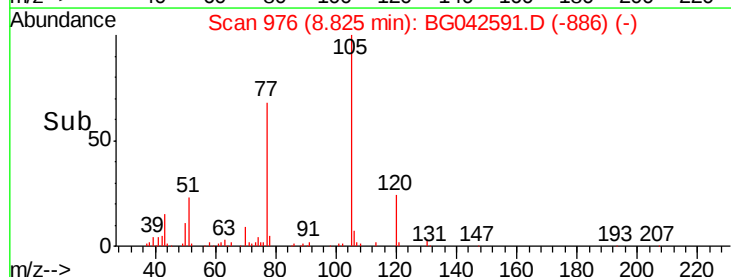
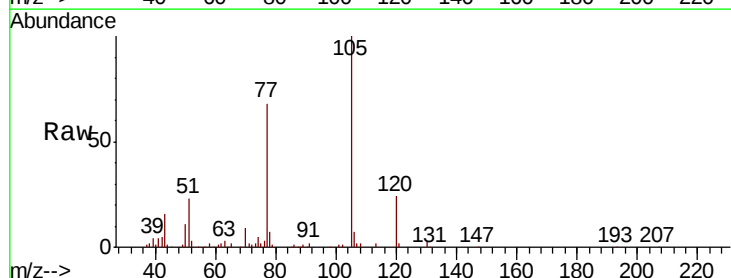
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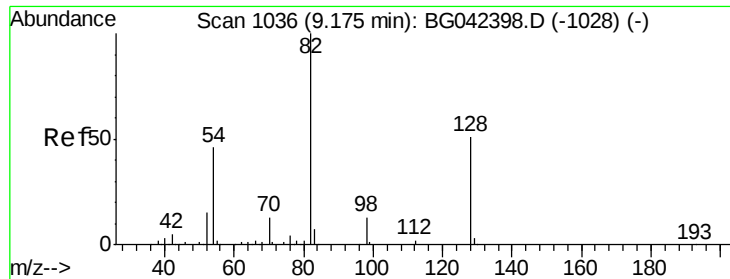
mohammad
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#22
Acetophenone
Concen: 41.175 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	109235		
71	1.7	2.8	4.2#	
51	23.1	18.7	28.1	
120	23.7	20.1	30.1	





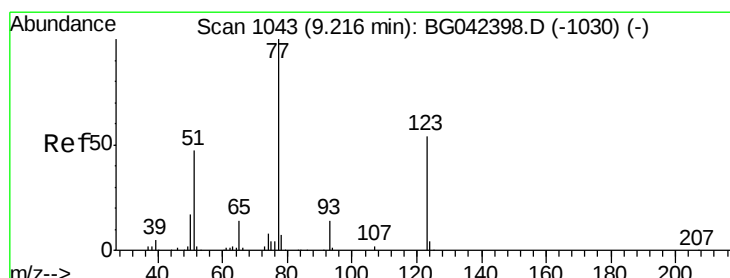
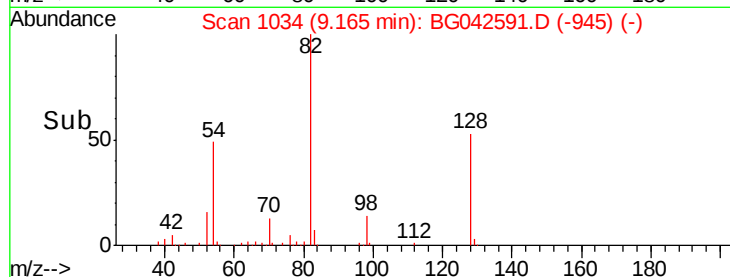
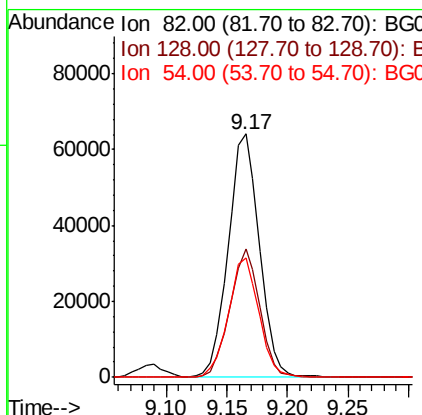
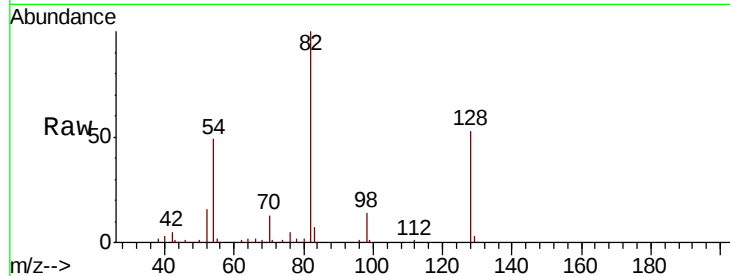
#23
Nitrobenzene-d5
Concen: 64.238 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	115303		
128	52.8		40.7	61.1
54	49.2		36.3	54.5

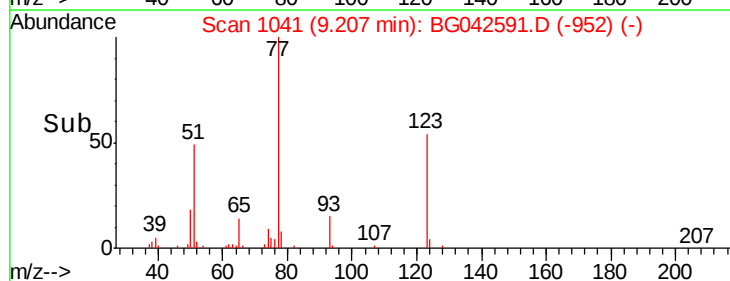
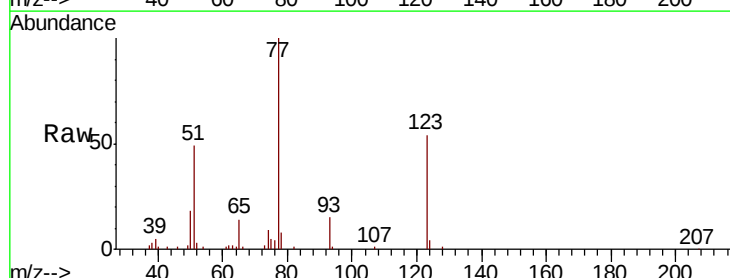
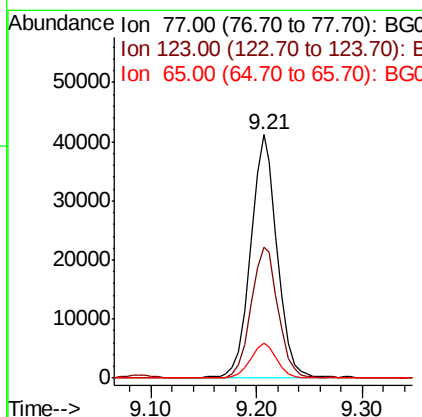
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#24
Nitrobenzene
Concen: 39.597 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	71973		
123	53.6		43.4	65.0
65	14.2		11.0	16.6





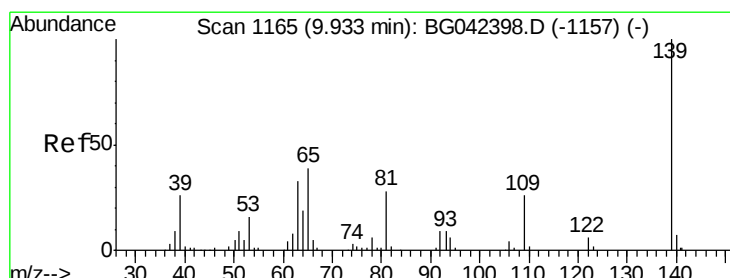
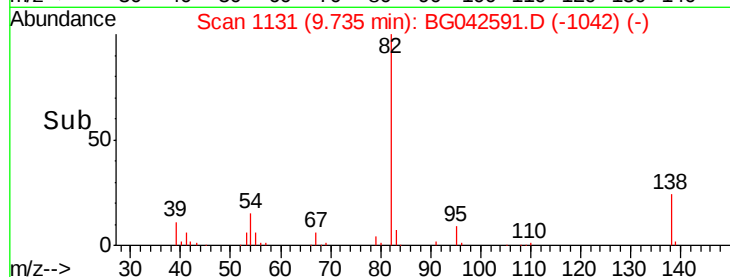
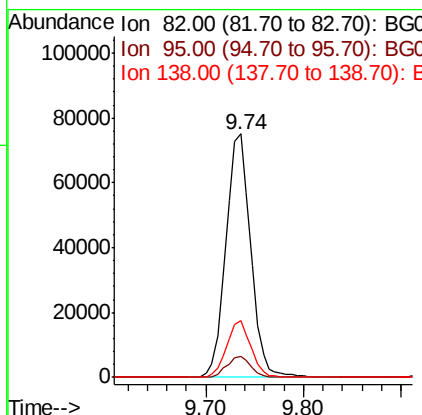
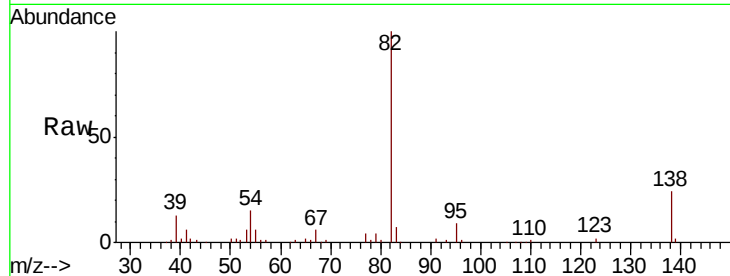
#25
Isophorone
Concen: 37.310 ng
RT: 9.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleID :
PB122614BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.7	6.6	9.8	
138	23.5	18.6	27.8	

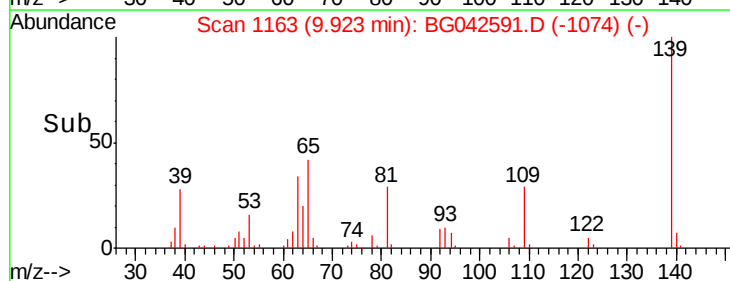
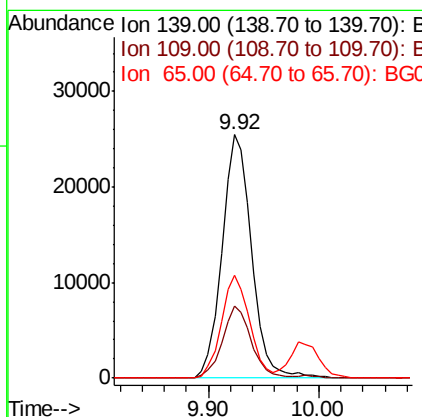
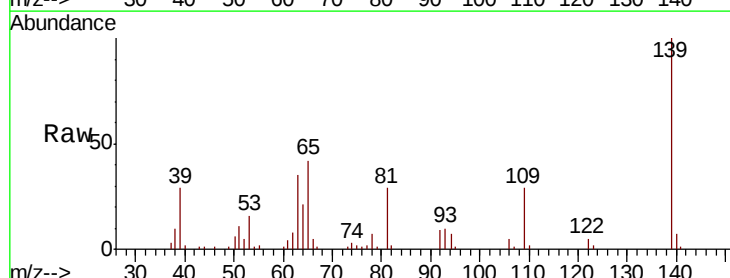
Manual Integrations
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#26
2-Nitrophenol
Concen: 41.636 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.4	20.5	30.7	
65	42.4	30.9	46.3	





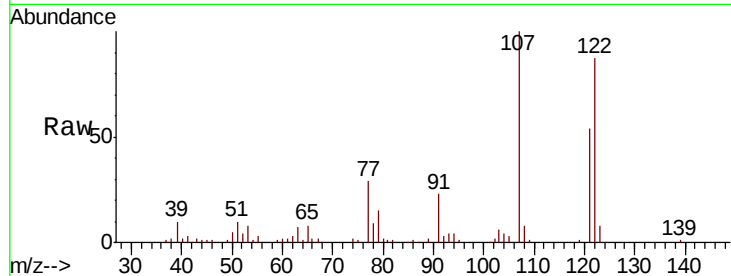
#27
 2,4-Dimethylphenol
 Concen: 45.469 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.7	90.8	136.2
121	62.5	49.6	74.4

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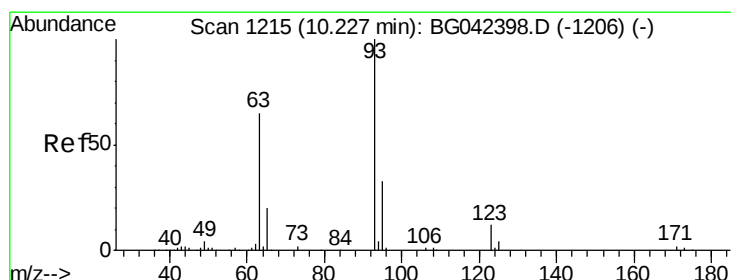
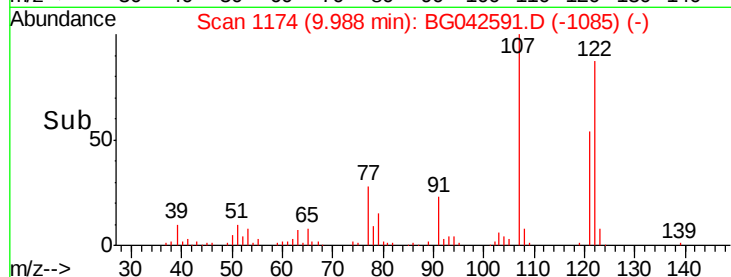
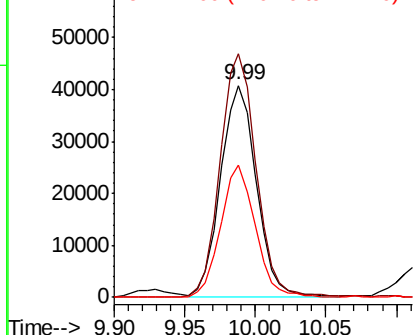


Abundance

Ion 122.00 (121.70 to 122.70): E

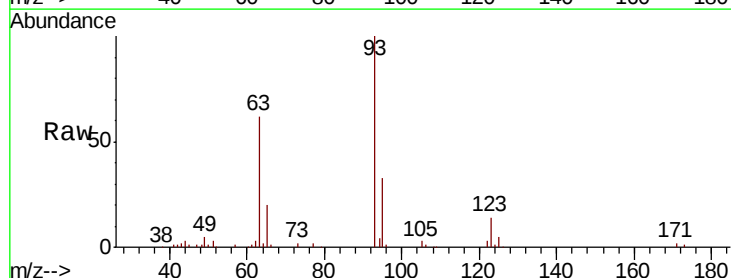
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.119 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.6	40.0
123	13.6	10.1	15.1

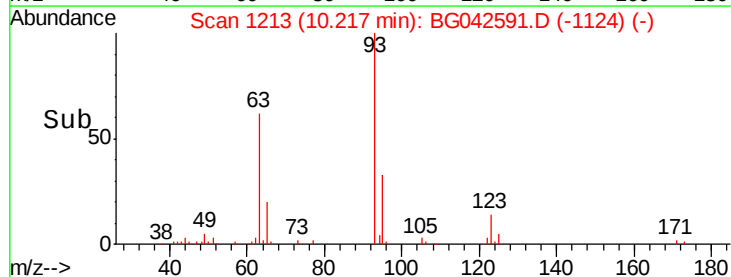
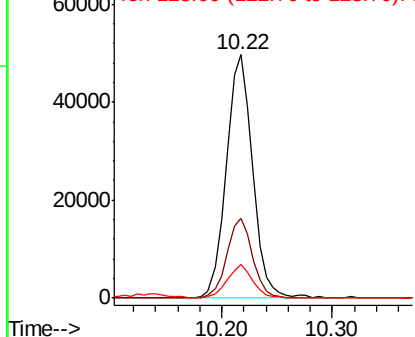


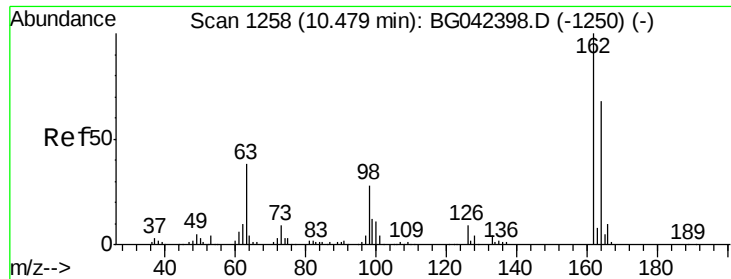
Abundance

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





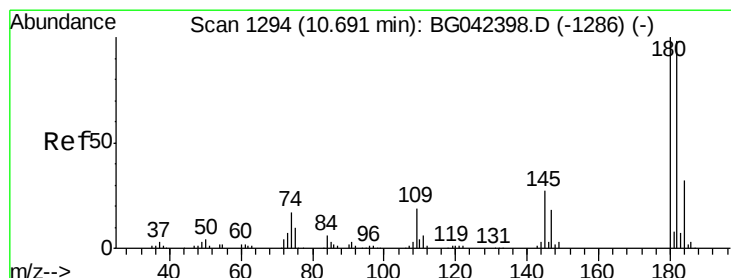
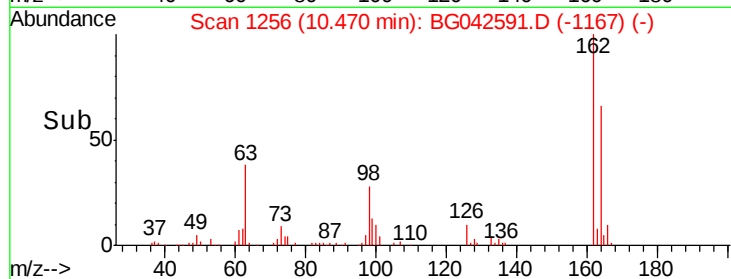
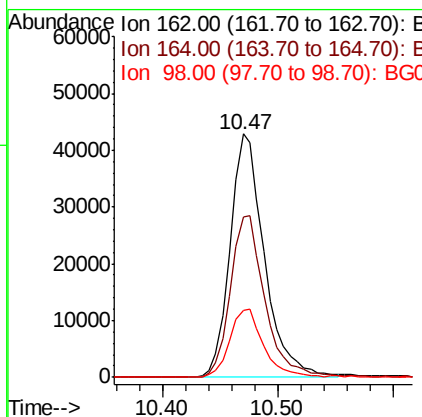
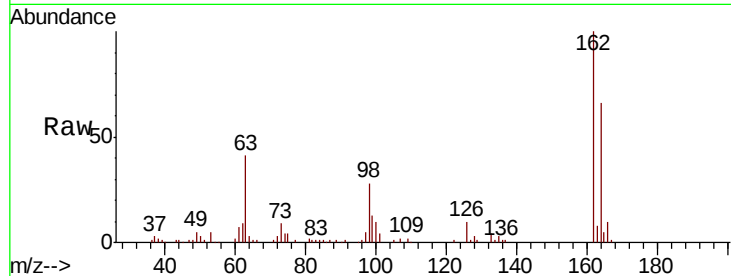
#29
 2,4-Dichlorophenol
 Concen: 42.936 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	88141		
164	66.1	48.1	88.1	
98	27.6	7.6	47.6	

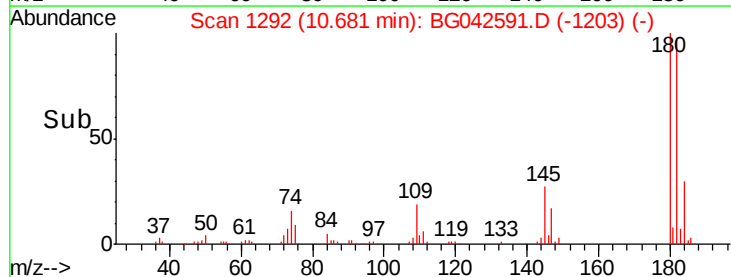
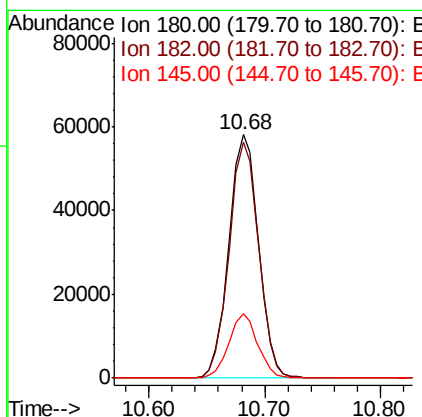
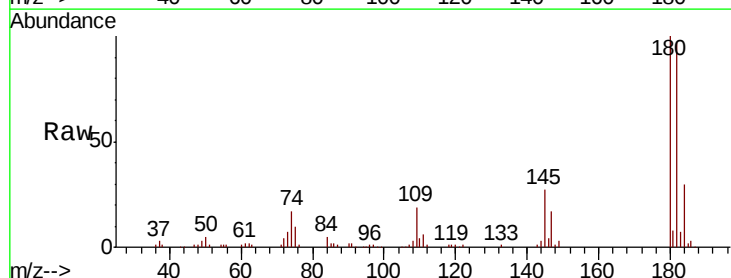
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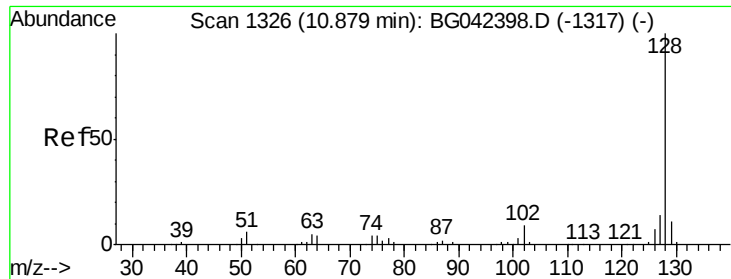
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.987 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	103277		
182	96.8	78.7	118.1	
145	26.7	21.6	32.4	





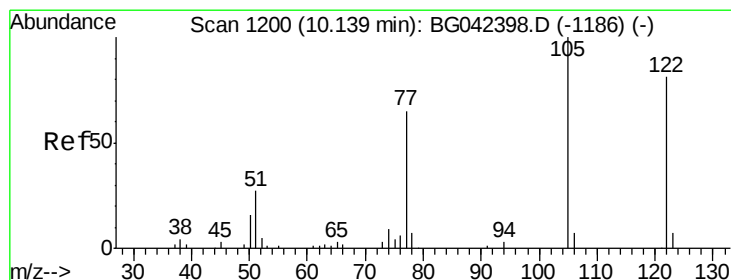
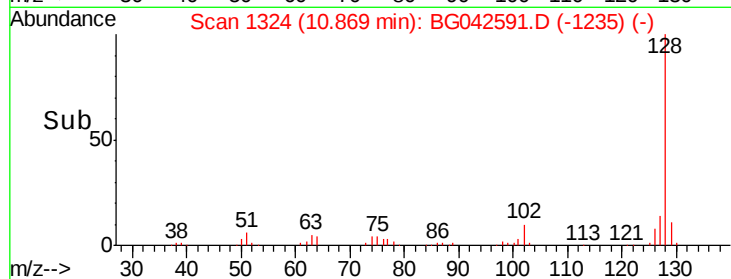
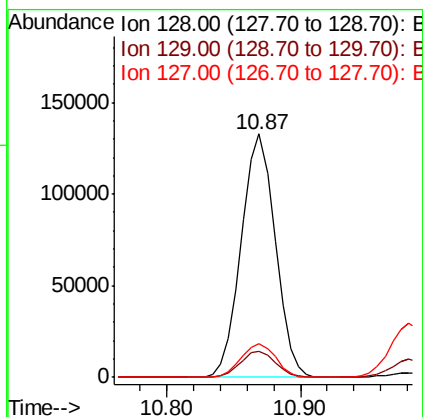
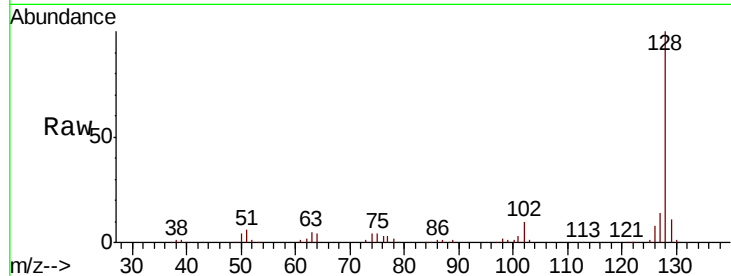
#31
Naphthalene
Concen: 40.723 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

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

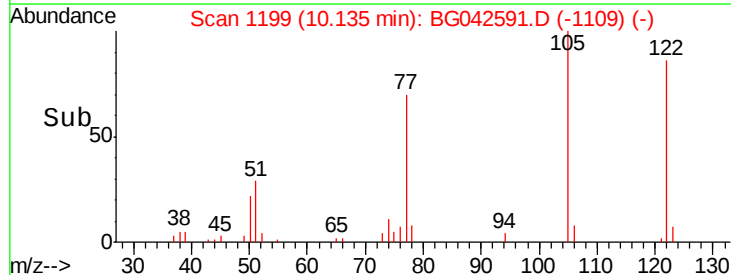
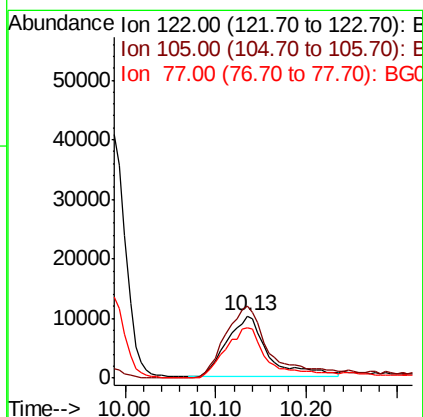
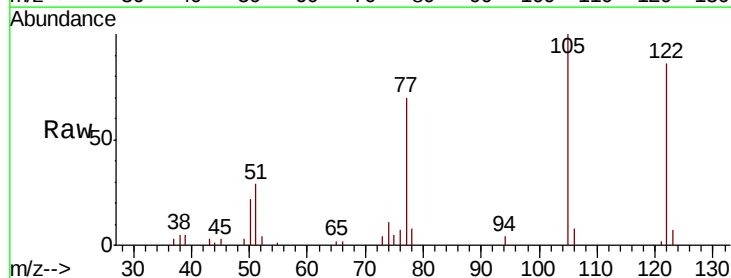
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#32
Benzoic acid
Concen: 31.696 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.2	99.6	139.6
77	80.8	59.5	99.5





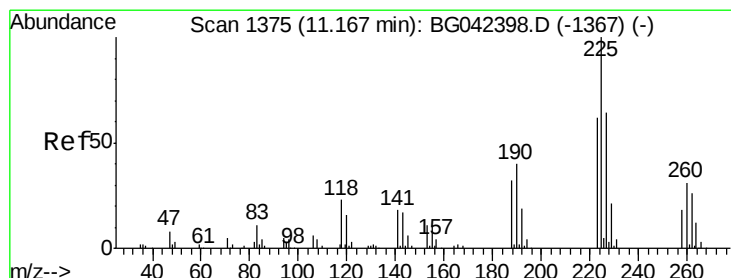
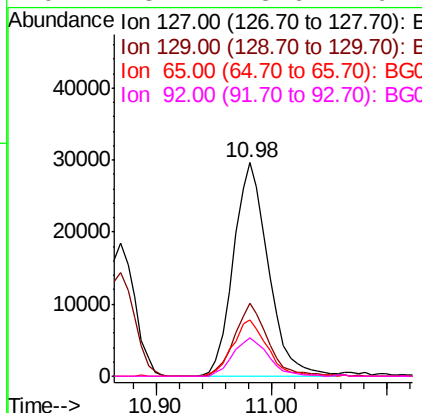
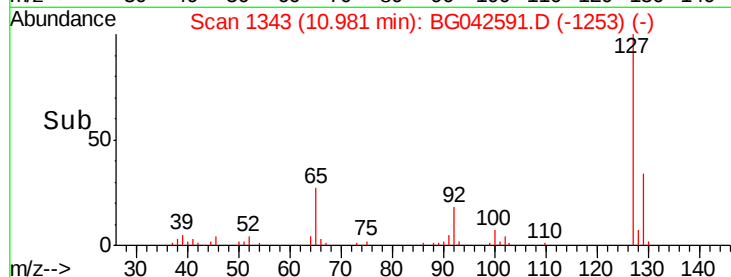
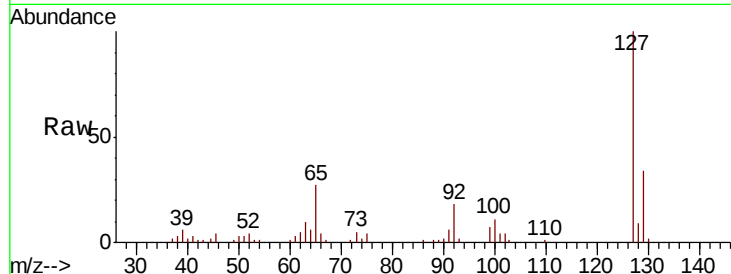
#33
4-Chloroaniline
Concen: 23.420 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.8	40.2
65	26.6	20.7	31.1
92	18.1	13.6	20.4

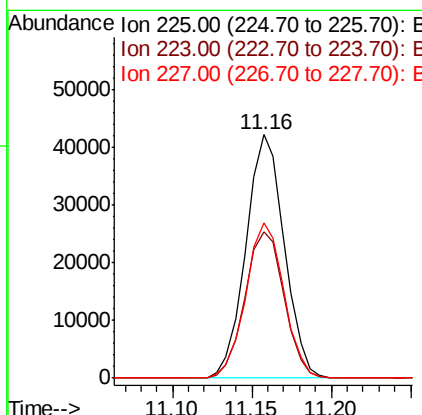
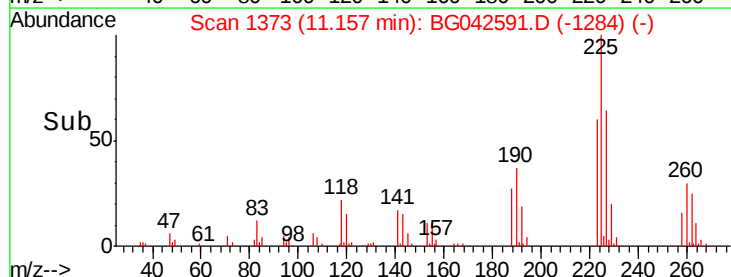
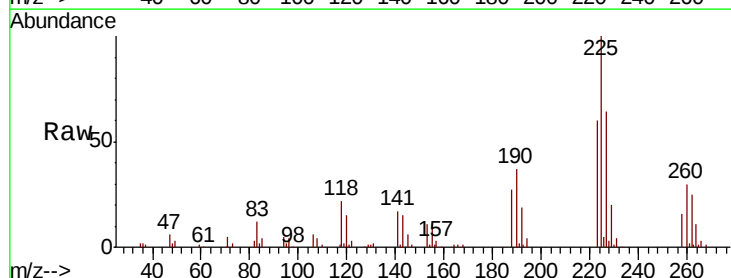
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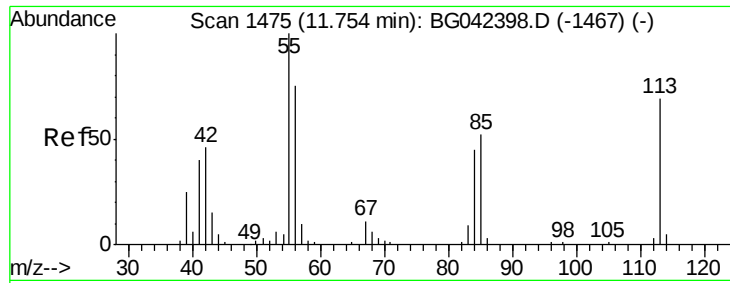
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#34
Hexachlorobutadiene
Concen: 41.882 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	49.8	74.6
227	63.9	50.9	76.3





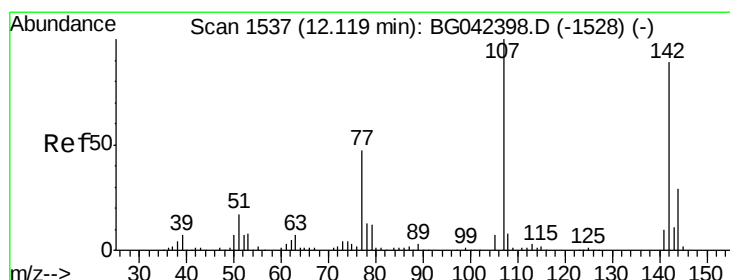
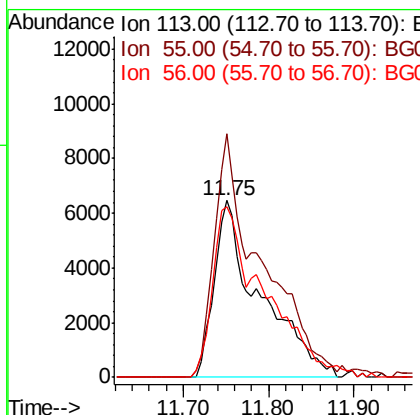
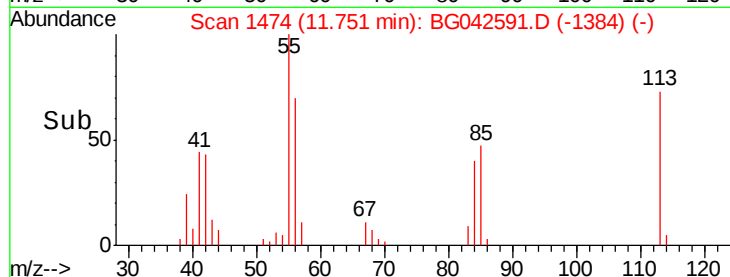
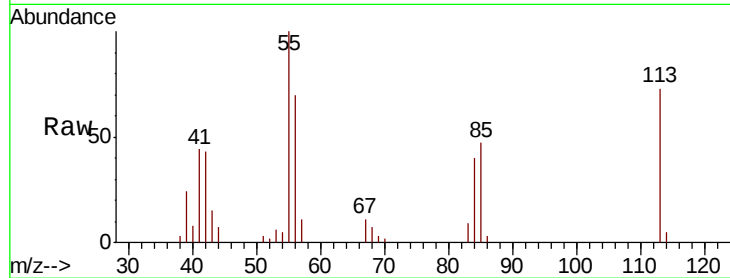
#35
Caprolactam
Concen: 34.872 ng/ml
RT: 11.75 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	137.6	124.6	164.6
56	96.3	88.3	128.3

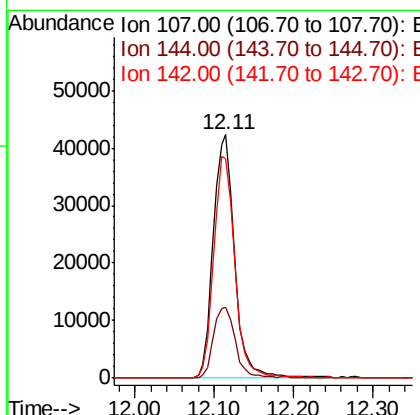
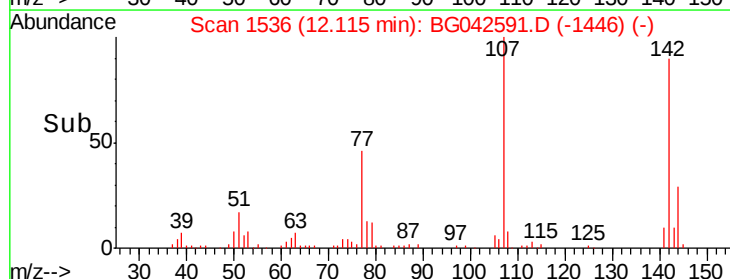
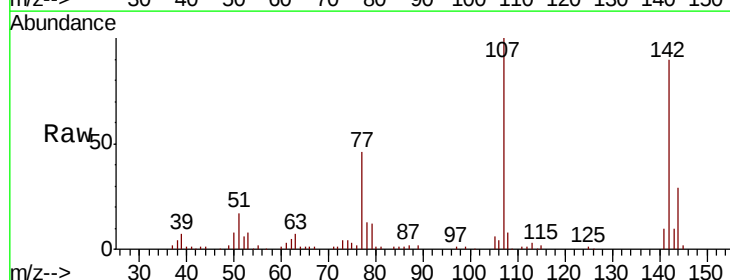
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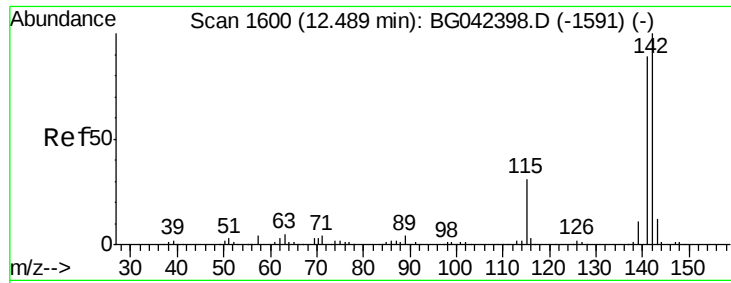
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#36
4-Chloro-3-methylphenol
Concen: 40.451 ng/ml
RT: 12.11 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.2	23.6	35.4
142	90.2	71.0	106.4





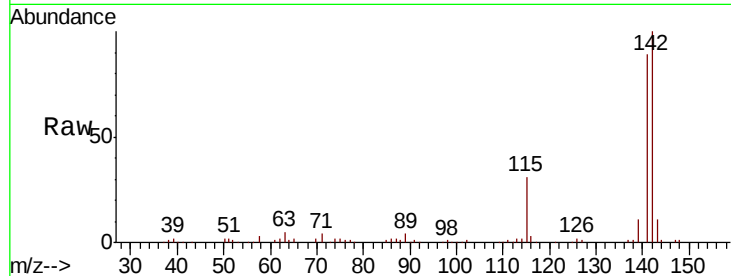
#37
2-Methylnaphthalene
Concen: 40.544 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	31.3	25.2	37.8

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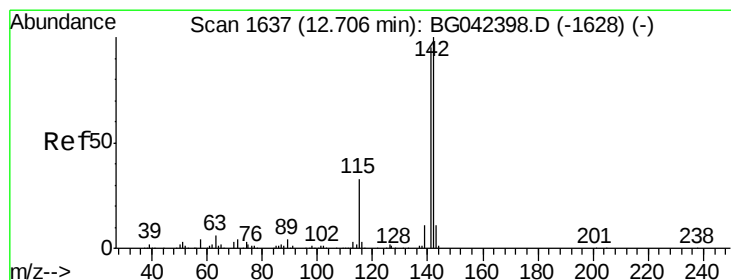
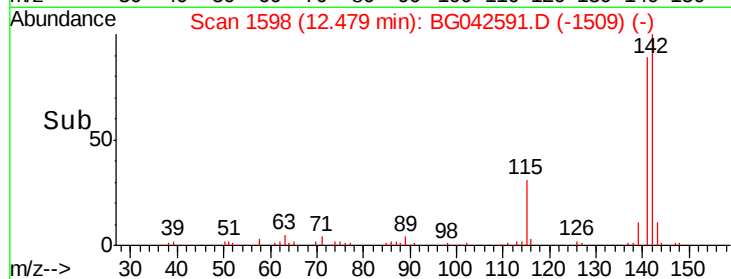
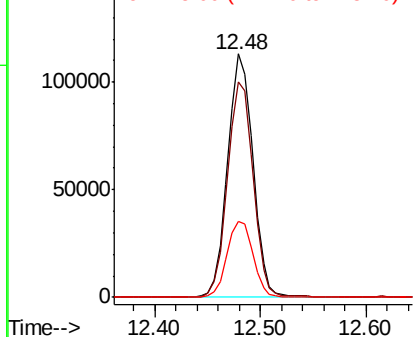


Abundance

Ion 142.00 (141.70 to 142.70): E

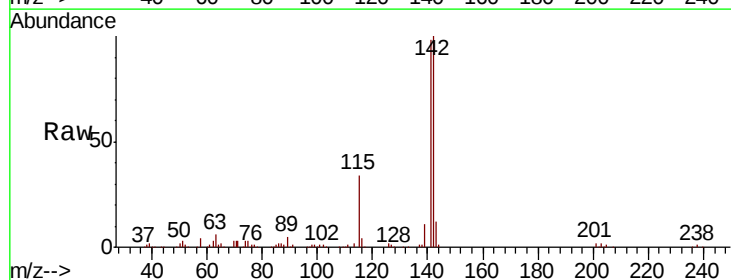
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.267 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.9	76.2	114.2
116	3.6	2.8	4.2

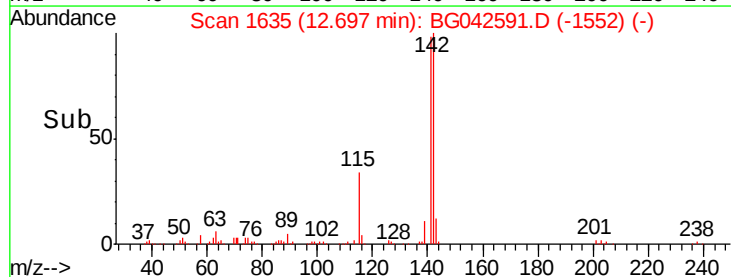
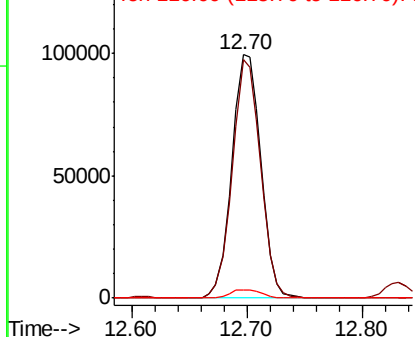


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

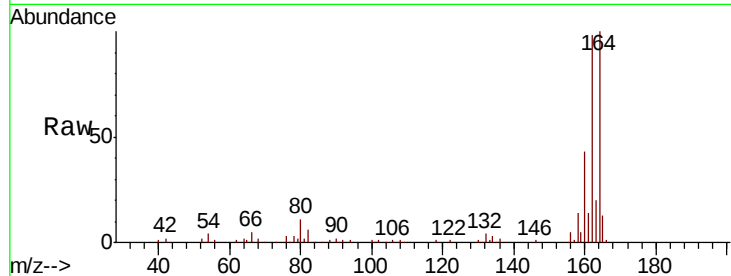
ClientSampleId :

PB122614BS

Tot Ion:	164	Resp:	91994
Ion	Ratio	Lower	Upper
164	100		
162	98.1	79.9	119.9
160	43.4	34.3	51.5

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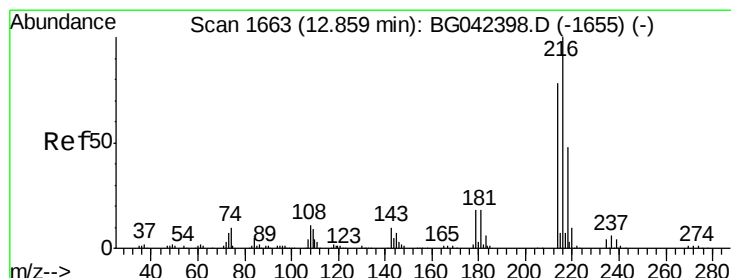
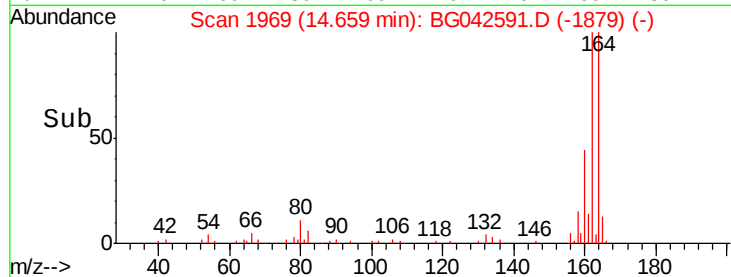
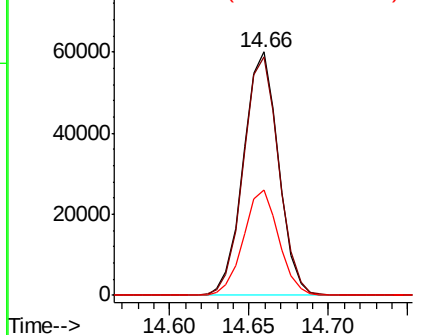


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.054 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Tgt Ion:	216	Resp:	130146
Ion	Ratio	Lower	Upper
216	100		
214	75.5	61.4	92.2
179	18.1	15.1	22.7
108	12.2	9.4	14.0

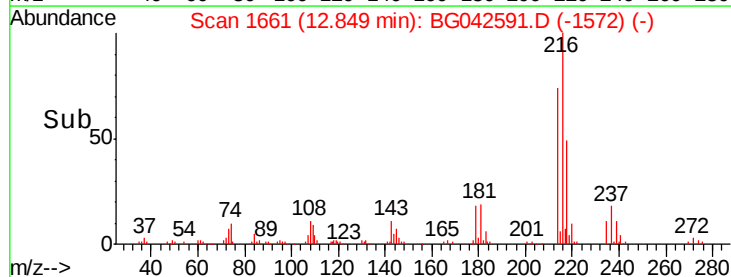
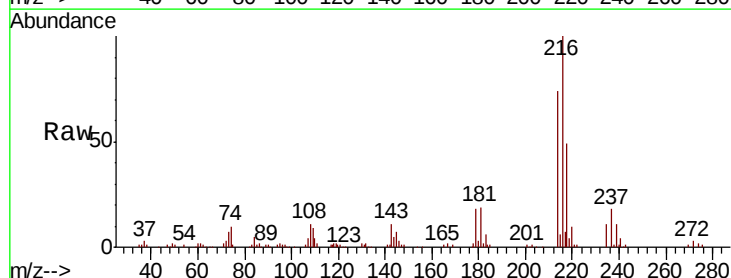
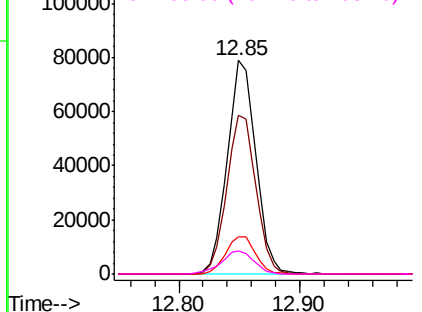
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 72.263 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

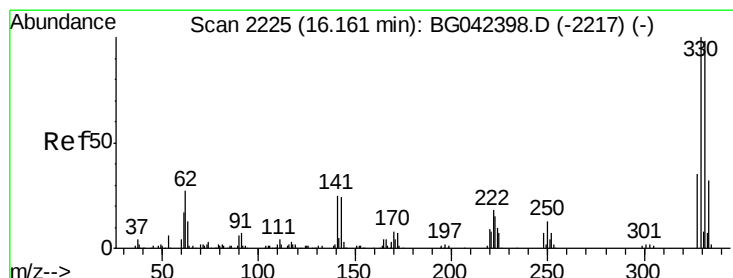
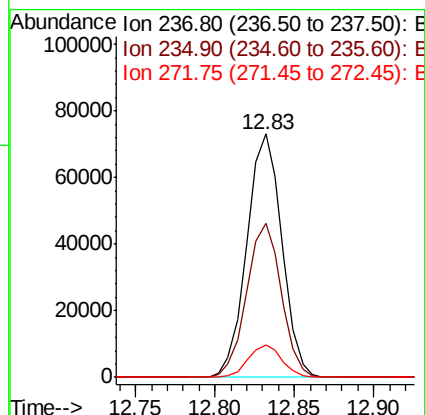
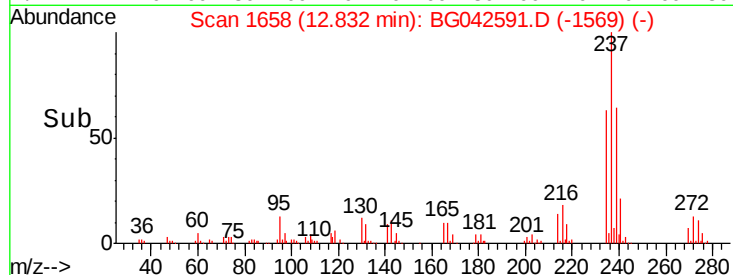
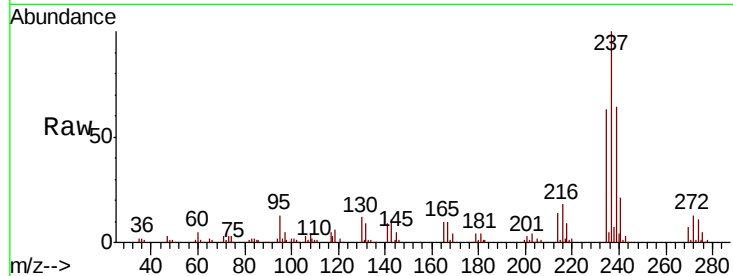
ClientSampleId :

PB122614BS

Tot Ion:	237	Resp:	112141
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.7	83.7
272	13.5	0.0	33.3

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#42

2,4,6-Tribromophenol

Concen: 109.380 ng

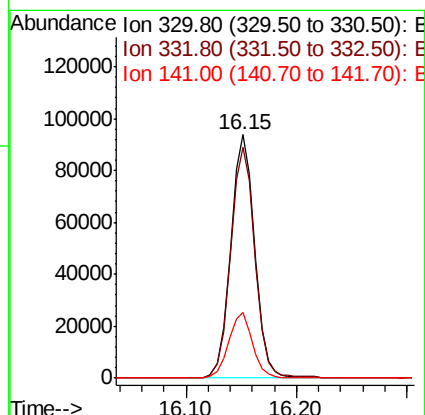
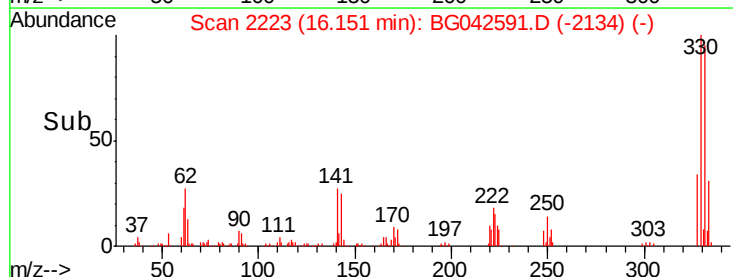
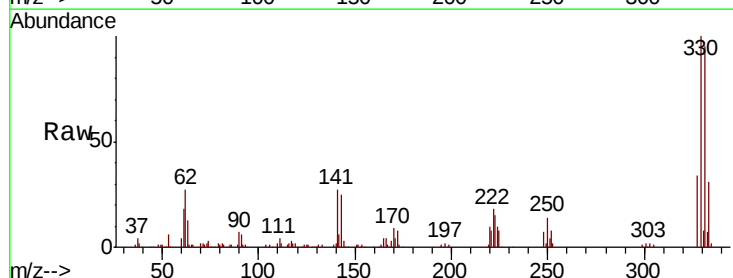
RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Tgt Ion:	330	Resp:	143019
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.4	116.0
141	26.6	21.4	32.0





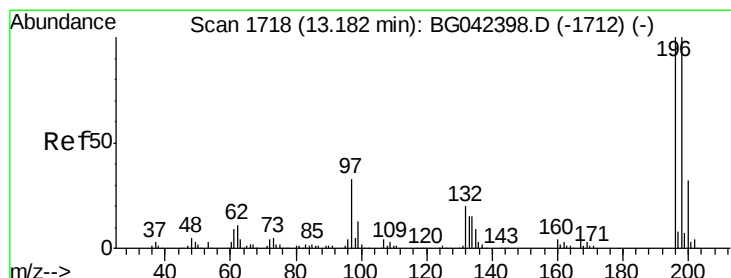
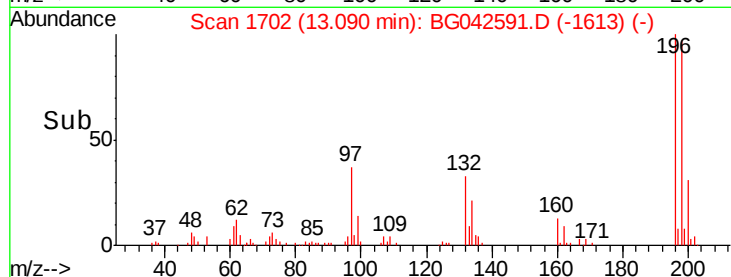
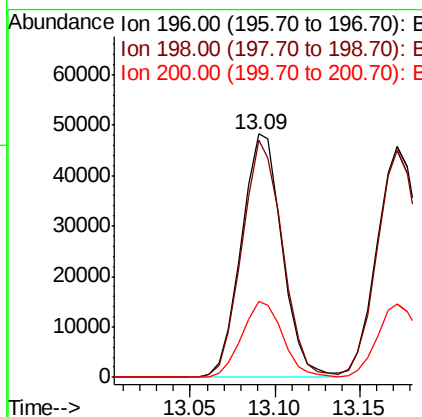
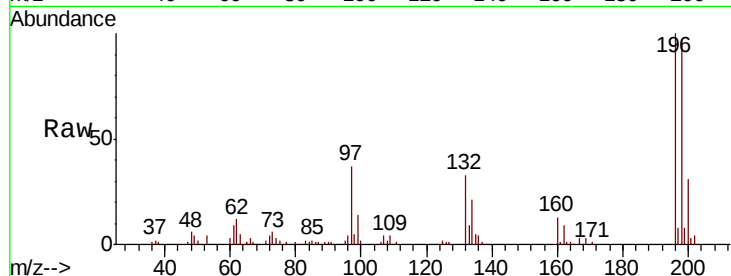
#43
 2,4,6-Trichlorophenol
 Concen: 40.768 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	81408		
198	97.3	80.7	121.1	
200	31.2	25.7	38.5	

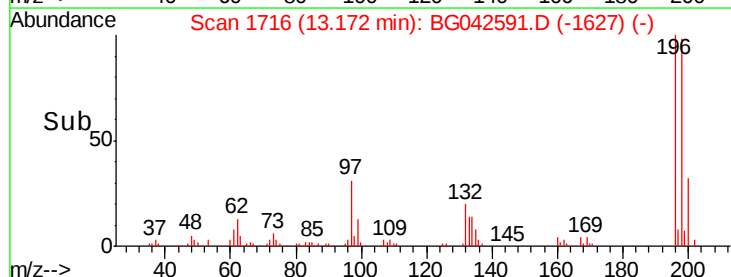
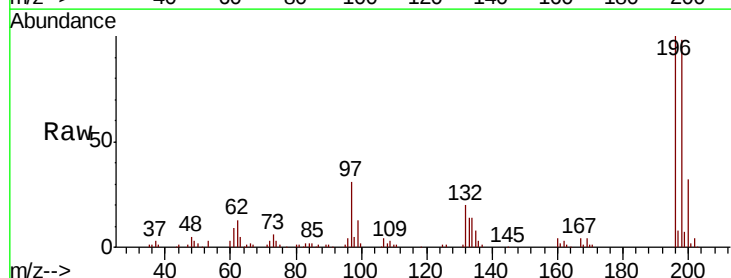
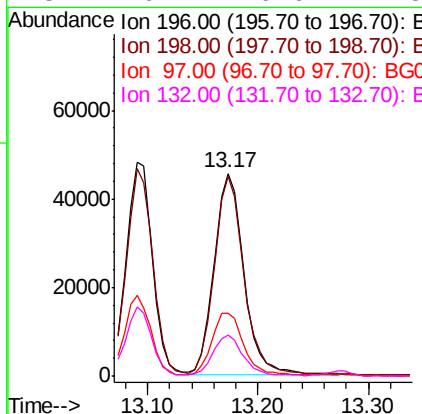
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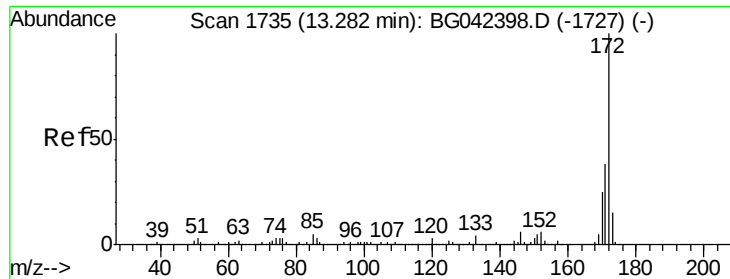
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#44
 2,4,5-Trichlorophenol
 Concen: 41.224 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	85307		
198	98.4	80.2	120.4	
97	30.8	26.3	39.5	
132	20.2	16.6	24.8	





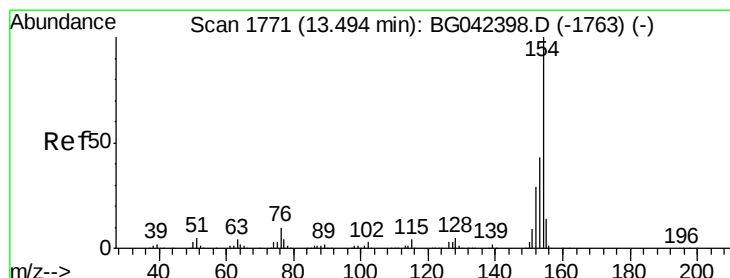
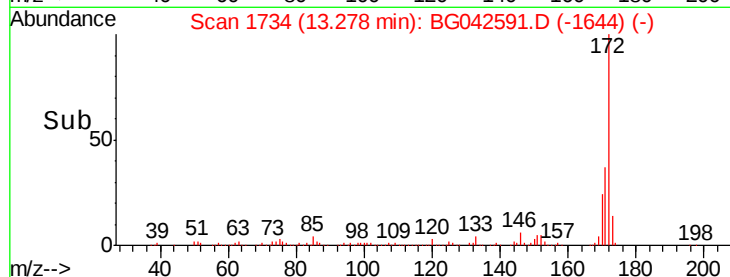
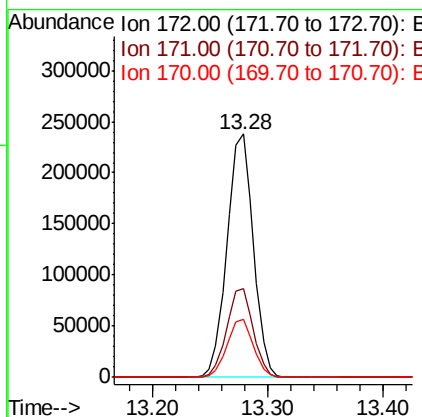
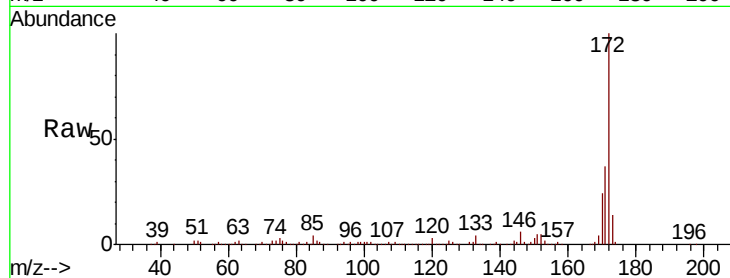
#45
2-Fluorobiphenyl
Concen: 68.840 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	23.9	20.2	30.2

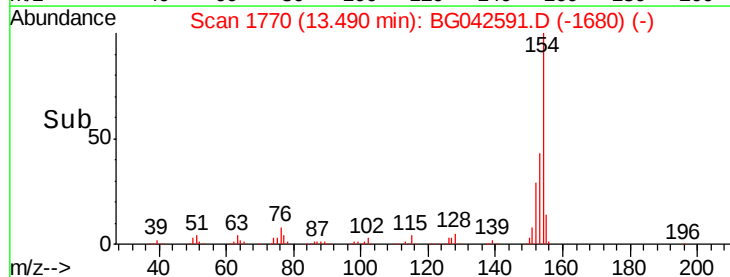
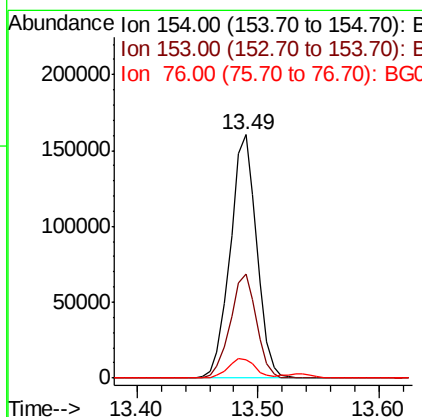
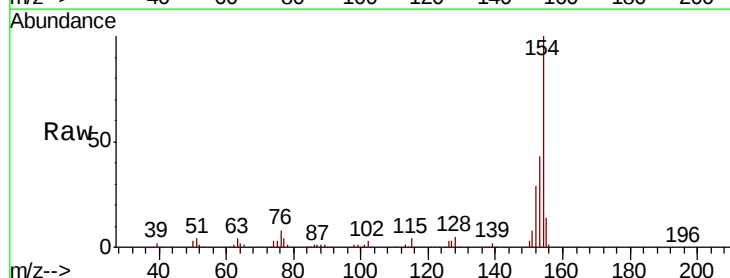
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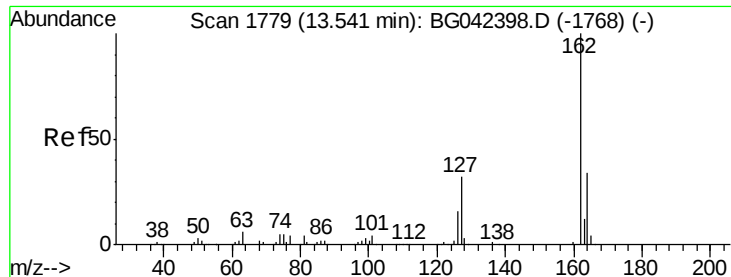
mohammad
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#46
1,1'-Biphenyl
Concen: 41.120 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	23.0	63.0
76	7.7	0.0	29.6





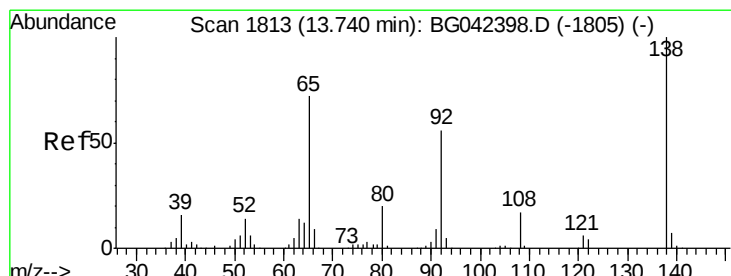
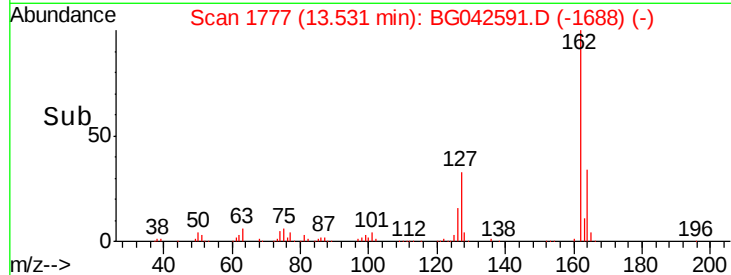
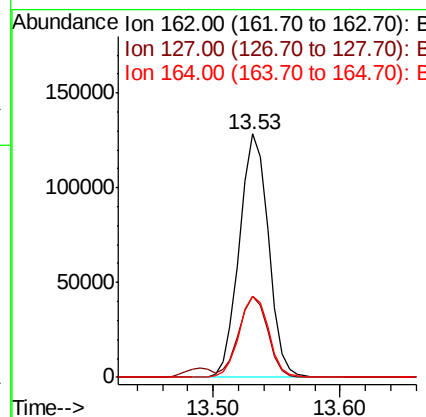
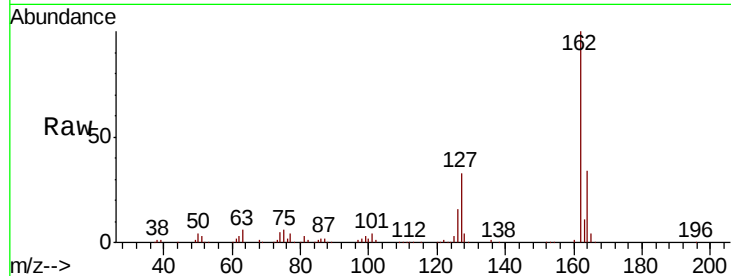
#47
2-Chloronaphthalene
Concen: 39.672 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	33.2	26.0	39.0	
164	33.5	27.4	41.0	

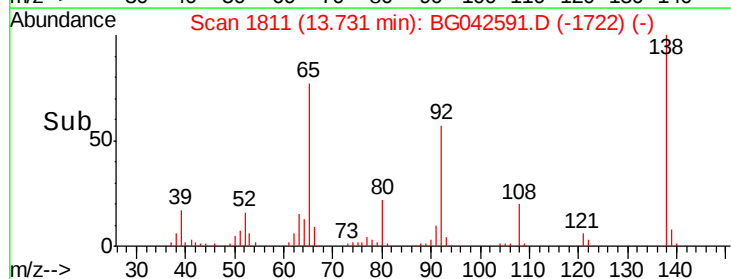
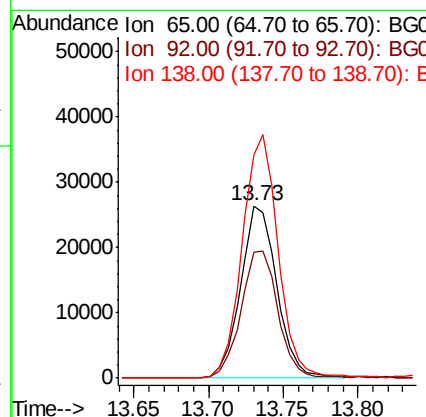
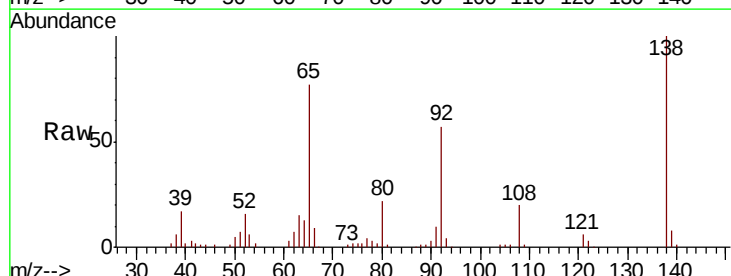
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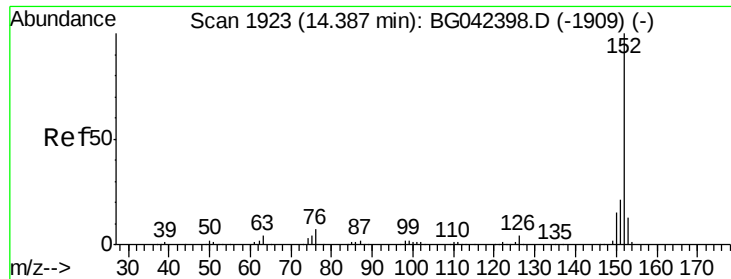
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#48
2-Nitroaniline
Concen: 35.857 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.5	61.8	92.6	
138	129.5	111.0	166.6	





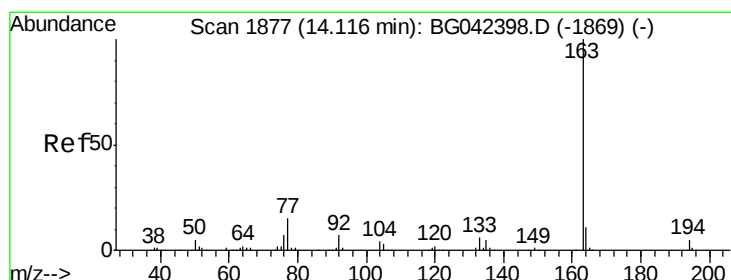
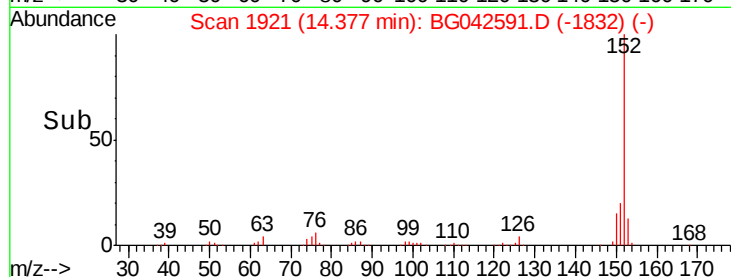
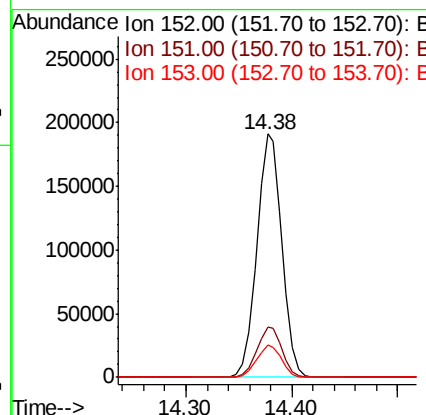
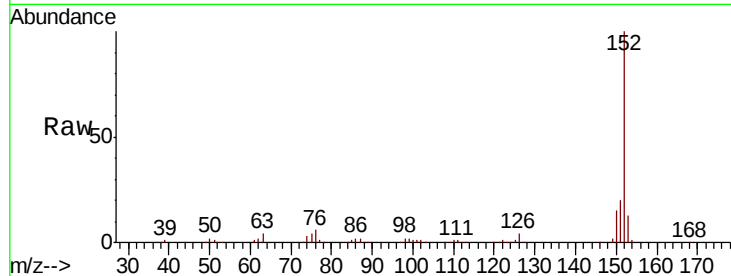
#49
Acenaphthylene
Concen: 40.779 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
151	20.5	17.0	25.4		
153	13.4	10.6	16.0		

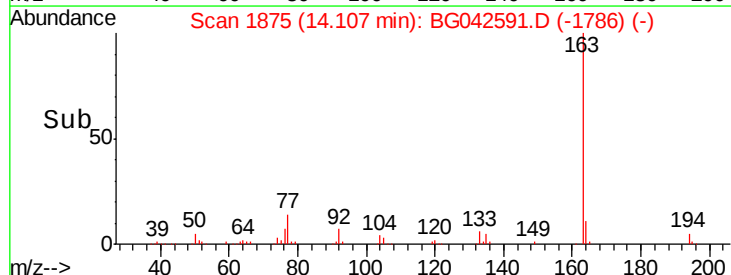
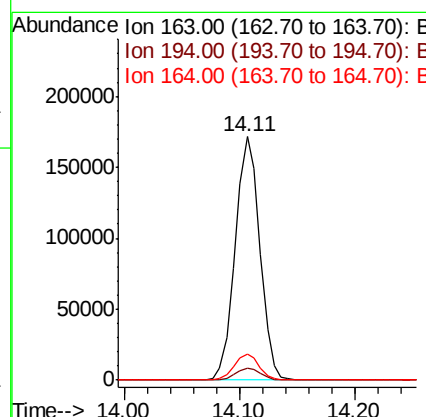
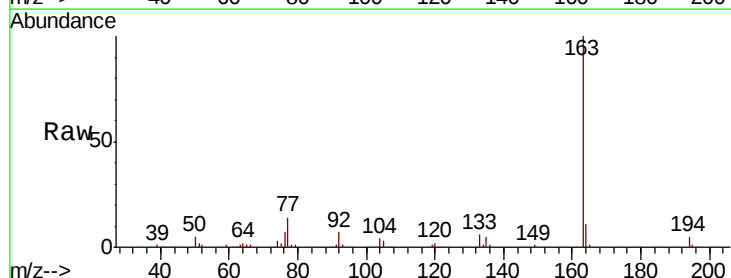
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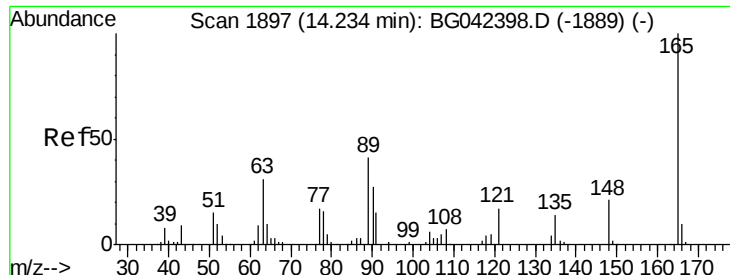
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#50
Dimethylphthalate
Concen: 38.117 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	5.1	4.2	6.2		
164	10.8	8.8	13.2		





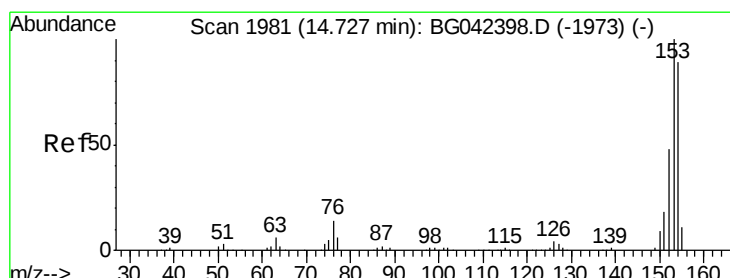
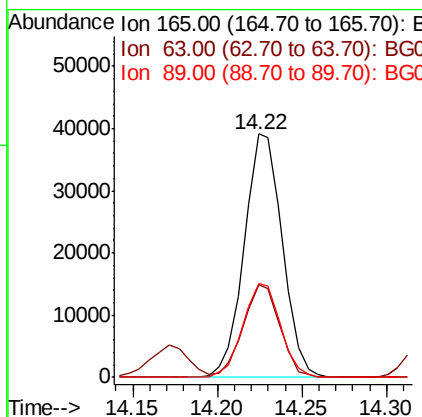
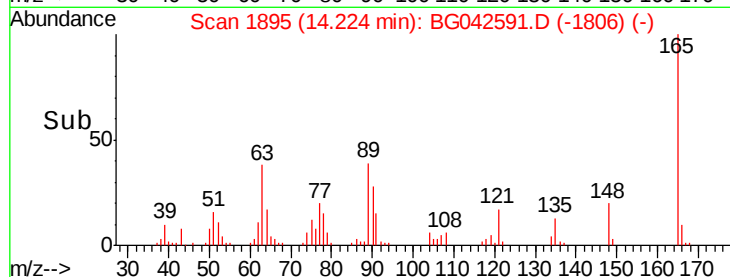
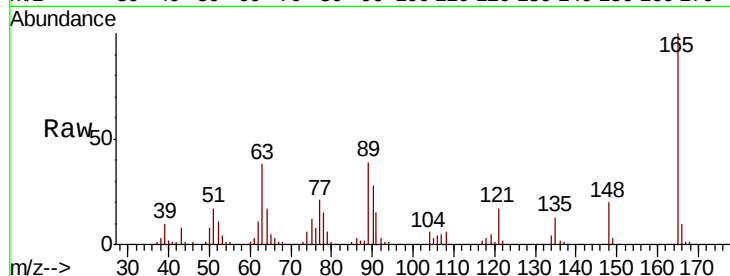
#51
 2,6-Dinitrotoluene
 Concen: 39.732 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Instrument :
 BNA_G
 ClientSampleID :
 PB122614BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	37.8	30.6	45.8
89	38.7	32.6	49.0

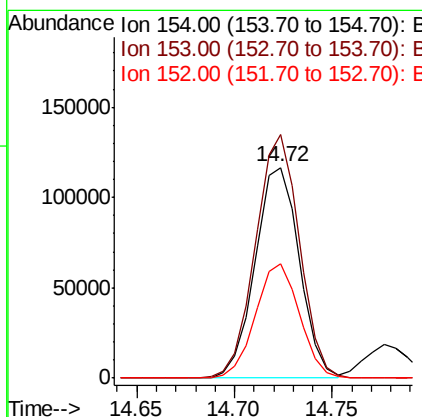
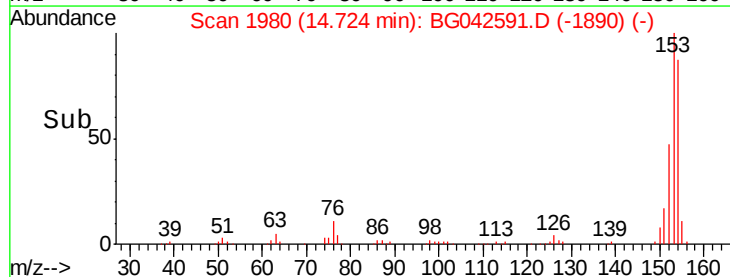
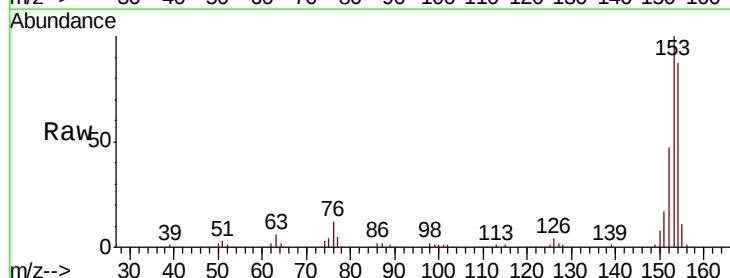
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#52
 Acenaphthene
 Concen: 39.115 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	115.4	90.2	135.4
152	54.4	43.2	64.8





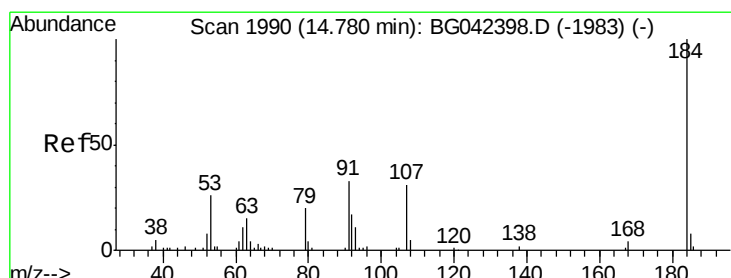
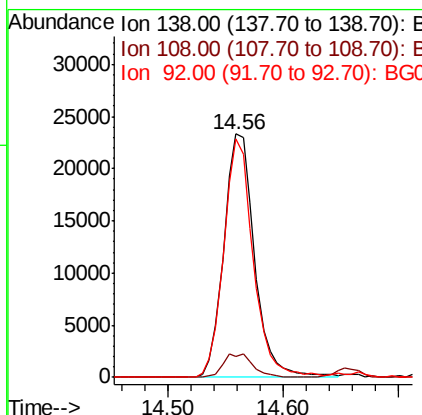
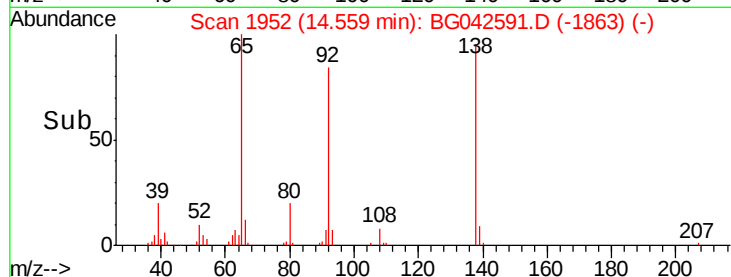
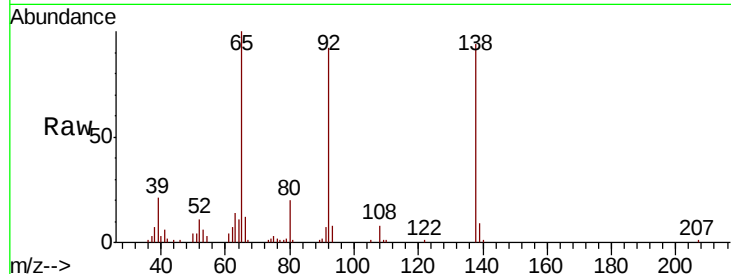
#53
 3-Nitroaniline
 Concen: 27.956 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.8	8.3	12.5
92	98.0	78.2	117.4

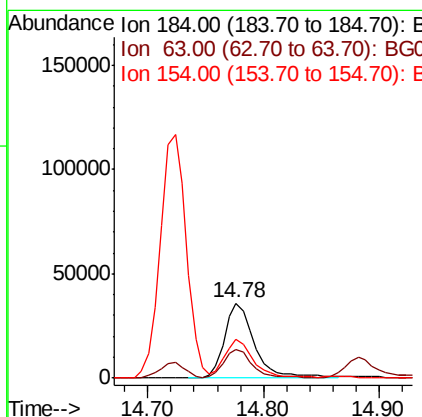
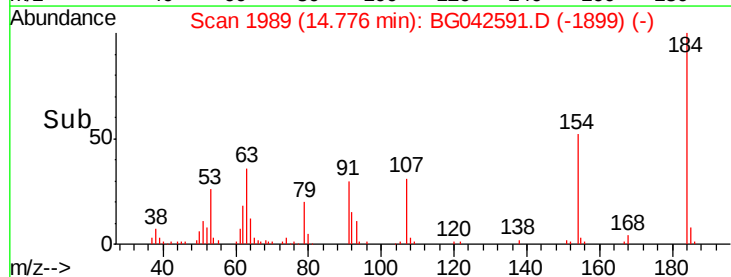
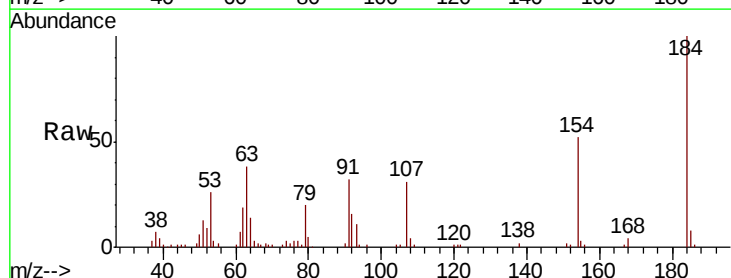
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#54
 2,4-Dinitrophenol
 Concen: 63.800 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	38.5	31.7	47.5
154	52.0	42.0	63.0





#55

Dibenzenofuran

Concen: 41.090 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

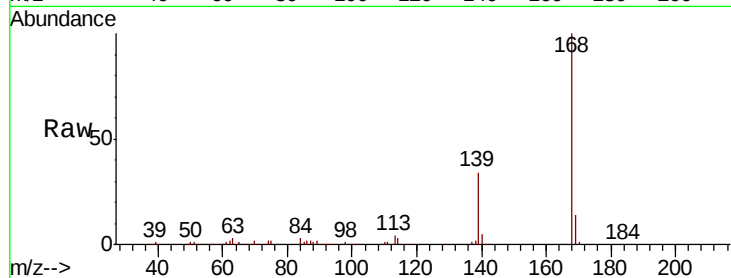
ClientSampled :

PB122614BS

Tot Ion:	168	Resp:	318593
Ion Ratio	Lower	Upper	
168	100		
139	34.4	27.2	40.8
169	14.2	11.5	17.3

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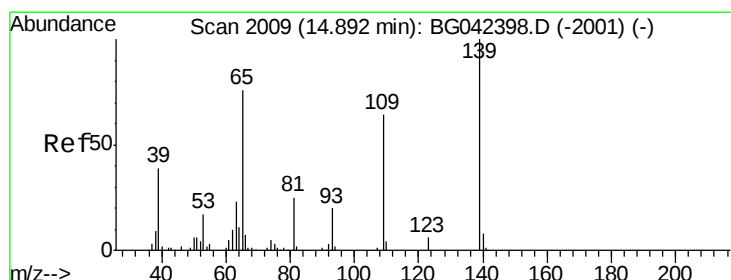
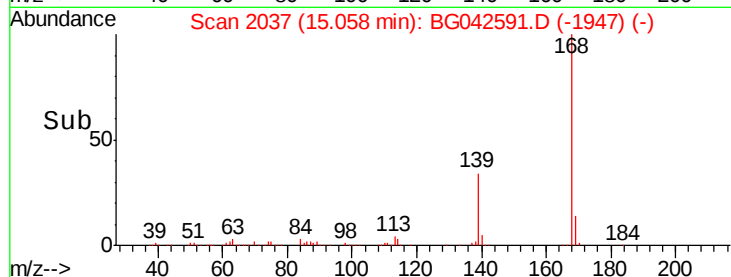
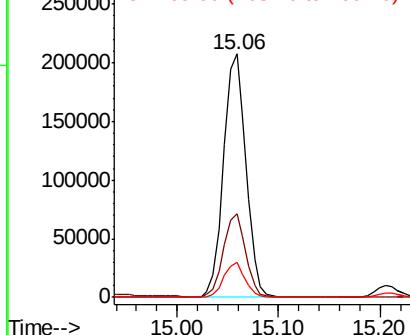


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 78.174 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

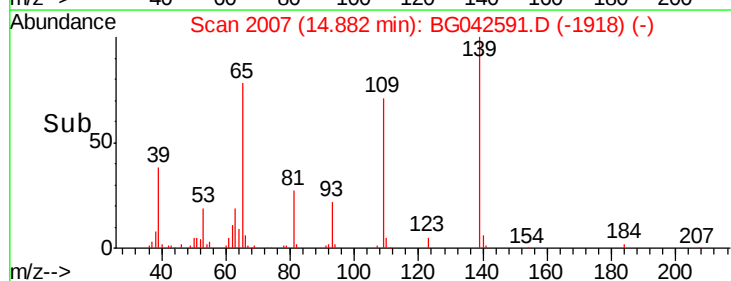
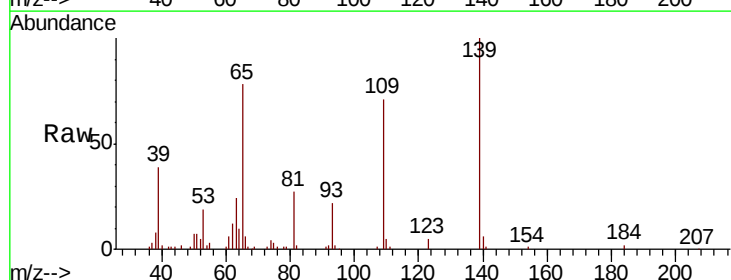
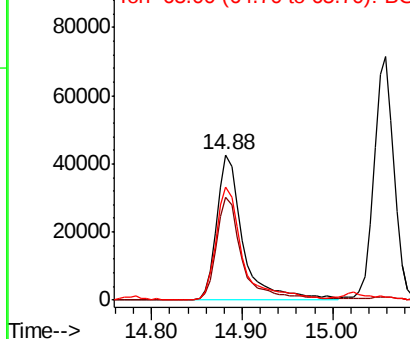
Tgt Ion:	139	Resp:	85473
Ion Ratio	Lower	Upper	
139	100		
109	70.6	43.9	83.9
65	77.8	56.3	96.3

Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





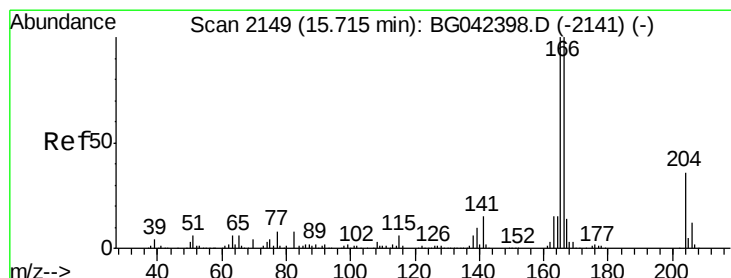
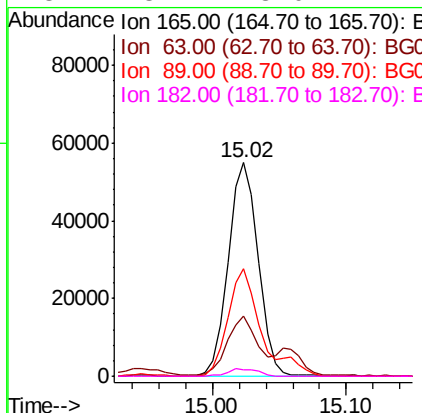
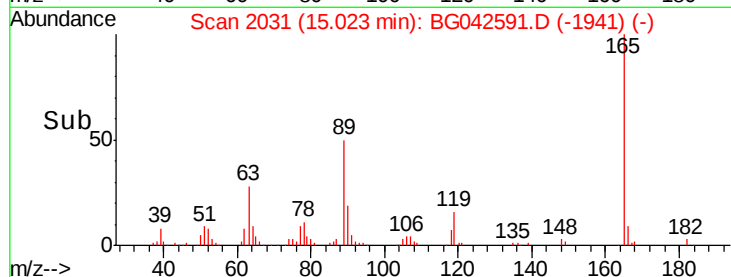
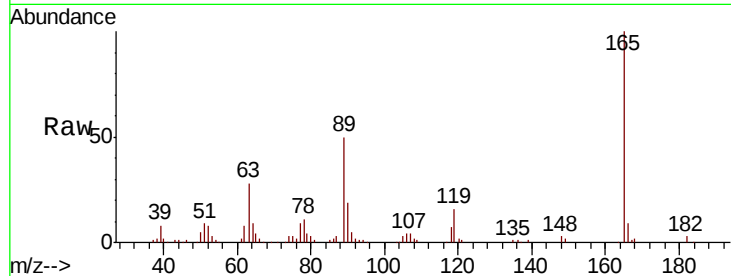
#57
 2,4-Dinitrotoluene
 Concen: 39.052 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		86040		
63	28.1	22.5	33.7		
89	50.1	37.8	56.6		
182	3.2	3.0	4.4		

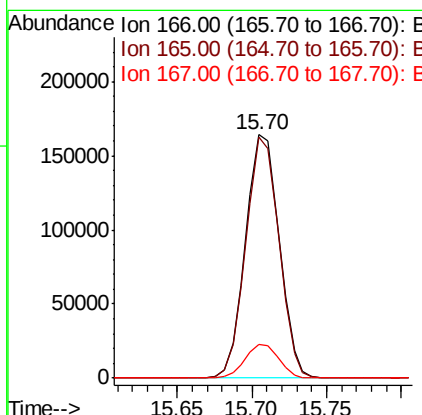
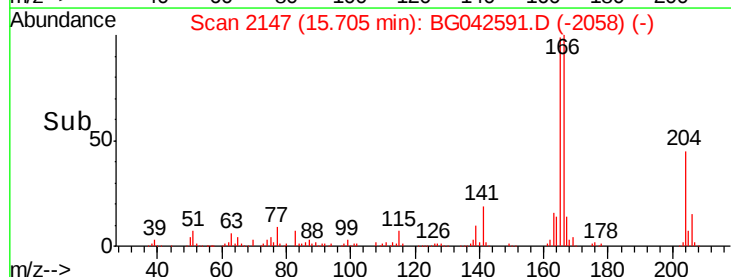
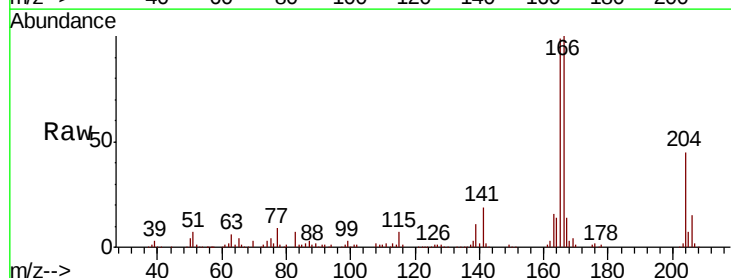
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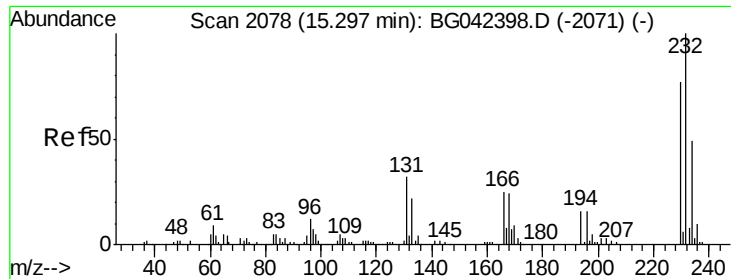
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#58
 Fluorene
 Concen: 40.583 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		257222		
165	98.9	79.7	119.5		
167	13.7	10.9	16.3		





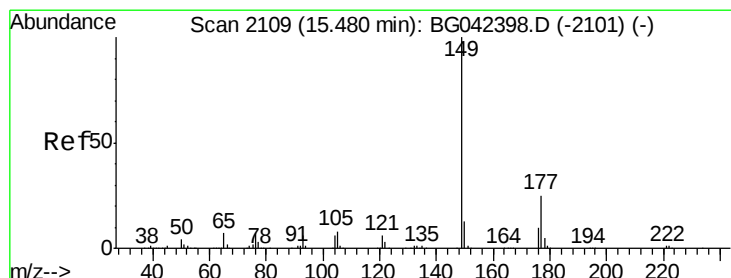
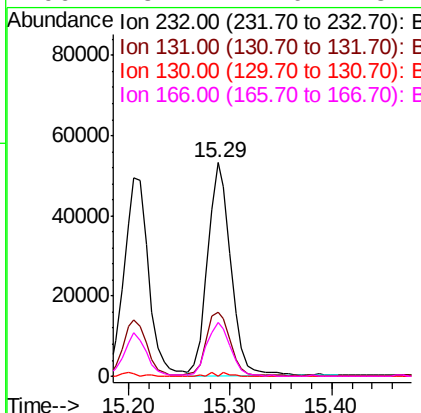
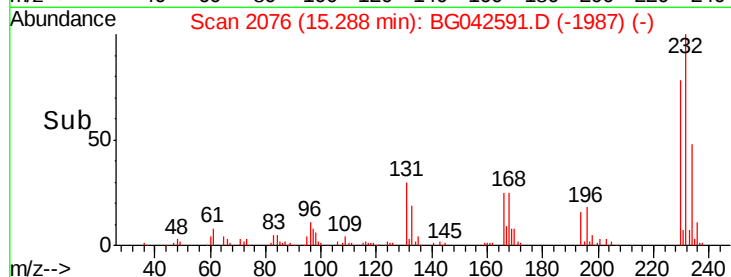
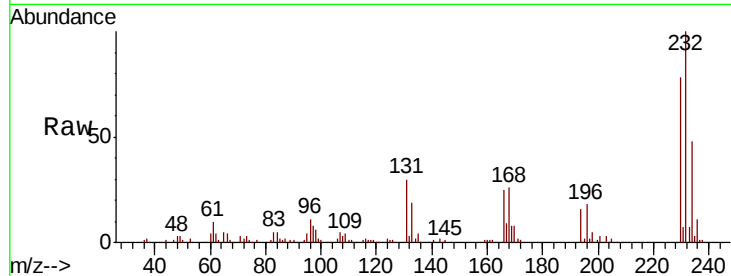
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.285 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	31.8	22.9	34.3
130	0.5	1.4	2.0
166	25.7	17.0	25.4

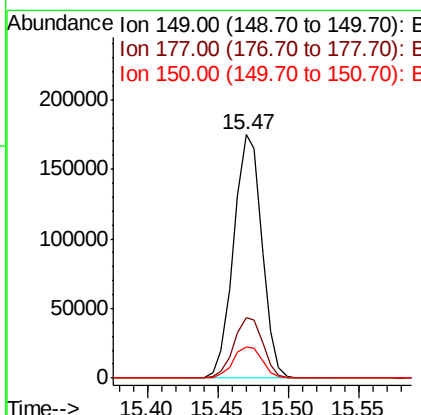
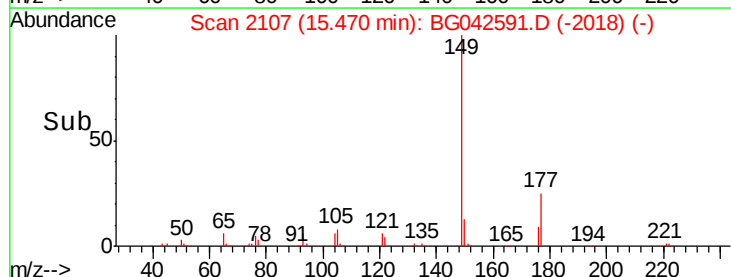
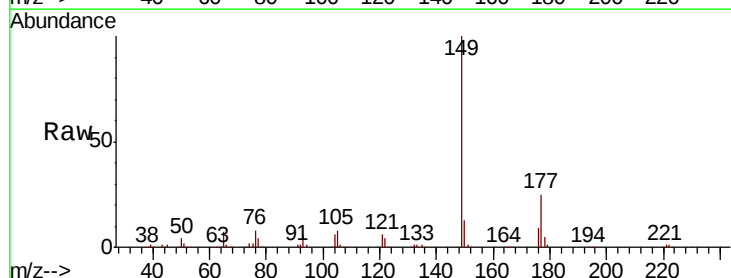
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#60
 Diethylphthalate
 Concen: 37.548 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.1	20.4	30.6
150	13.0	10.3	15.5





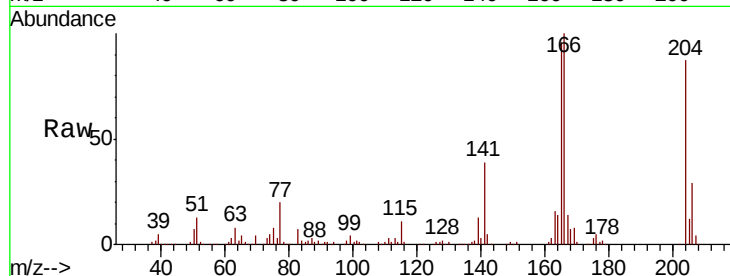
#61
4-Chlorophenyl-phenylether
Concen: 40.191 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	34.0	27.2	40.8
141	45.1	38.7	58.1

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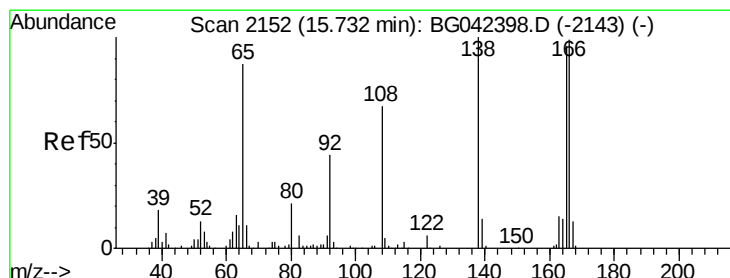
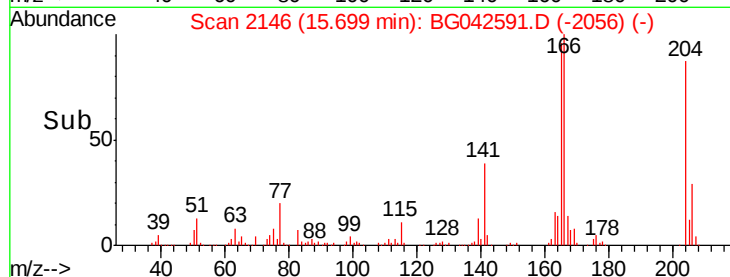
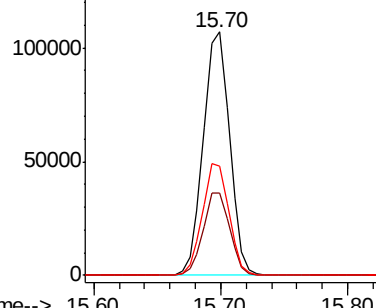


Abundance

Ion 204.00 (203.70 to 204.70): E

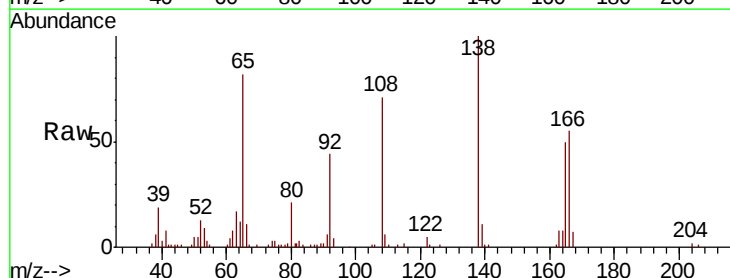
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.560 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	43.7	24.2	64.2
108	71.1	46.8	86.8

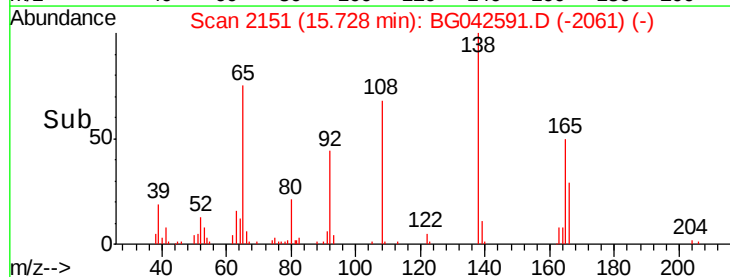
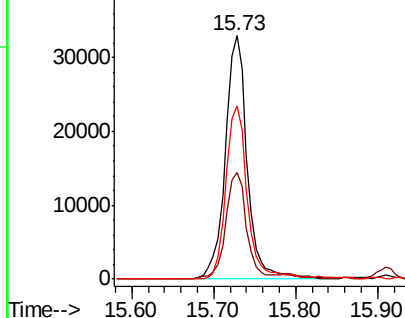


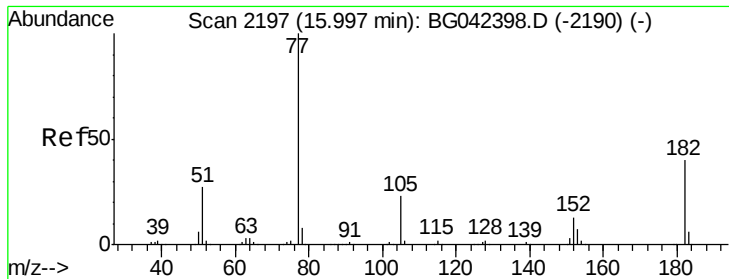
Abundance

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





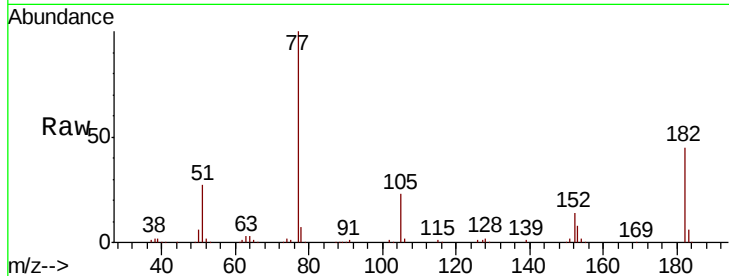
#63
Azobenzene
Concen: 37.536 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

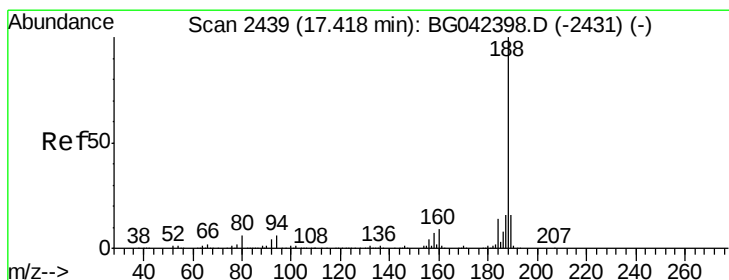
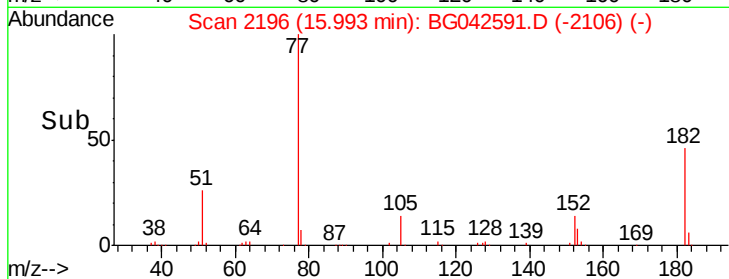
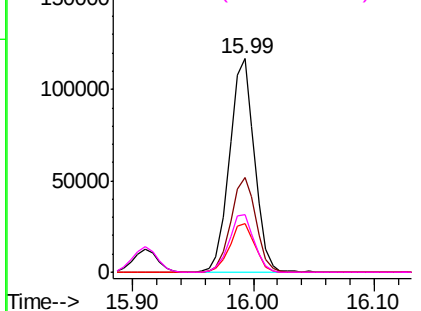
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		166893		
182	44.5	19.9	59.9		
105	23.0	2.9	42.9		
51	27.0	7.6	47.6		

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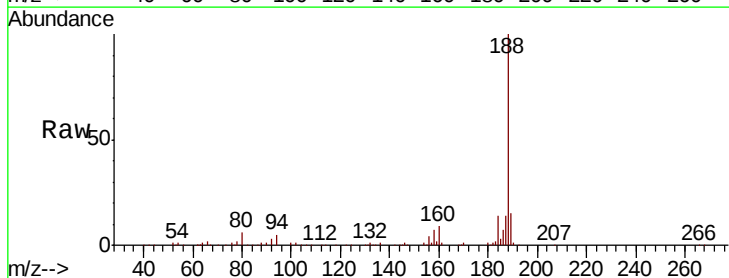


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

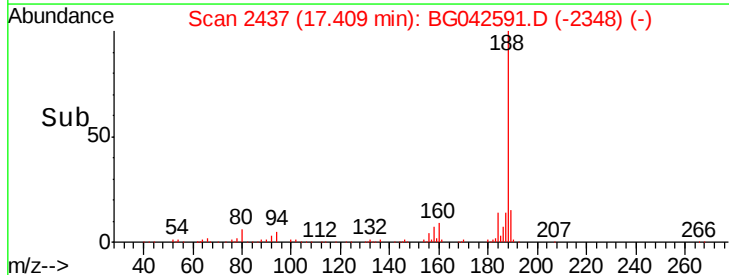
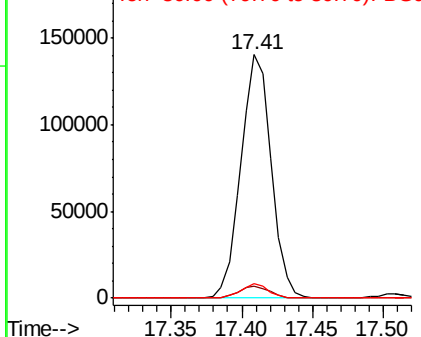


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		211294		
94	5.1	4.5	6.7		
80	5.7	4.9	7.3		



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





#65

4,6-Dinitro-2-methylphenol

Concen: 40.574 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

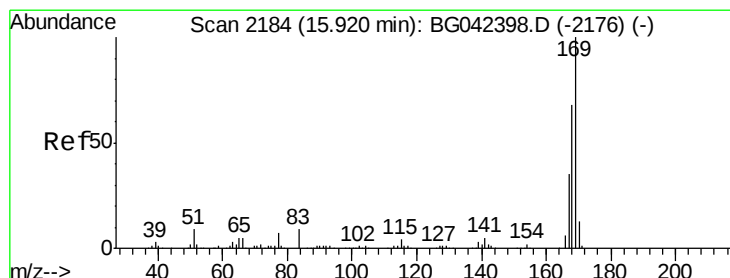
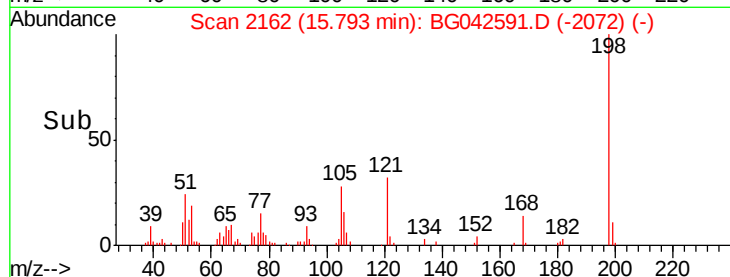
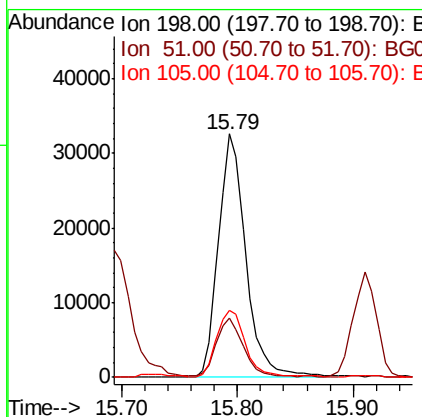
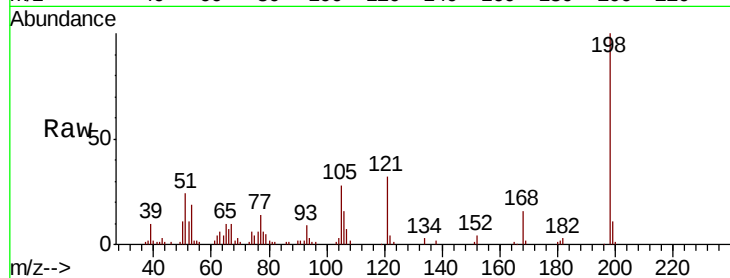
ClientSampleId :

PB122614BS

Tot Ion:	198	Resp:	53749
Ion Ratio	Lower	Upper	
198	100		
51	24.2	4.2	44.2
105	27.6	8.8	48.8

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#66

n-Nitrosodiphenylamine

Concen: 40.282 ng

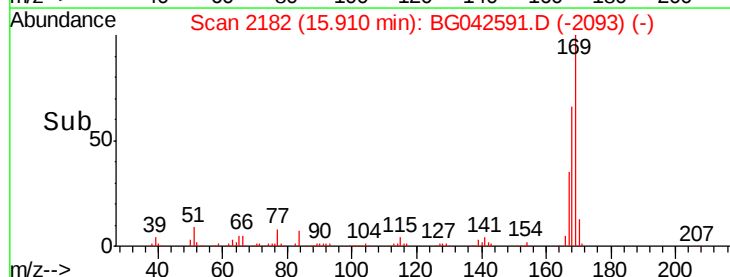
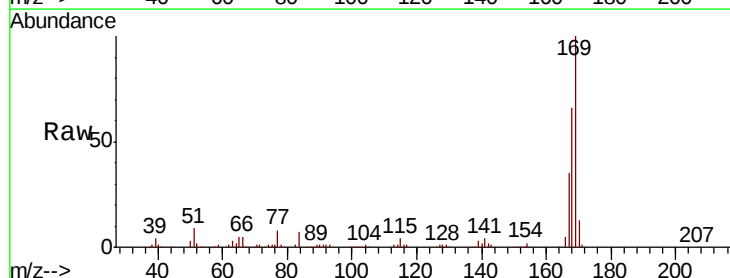
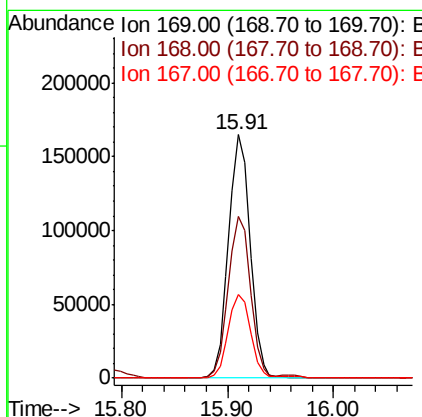
RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Tgt Ion:	169	Resp:	234068
Ion Ratio	Lower	Upper	
169	100		
168	66.4	54.3	81.5
167	34.6	28.2	42.2





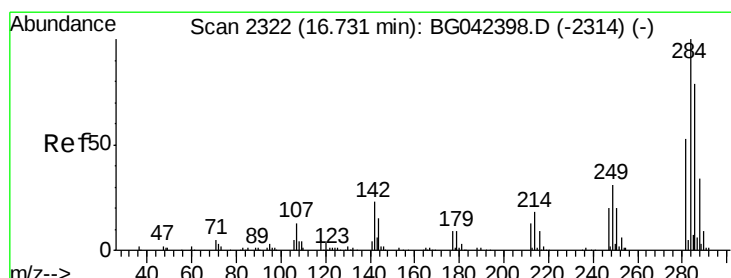
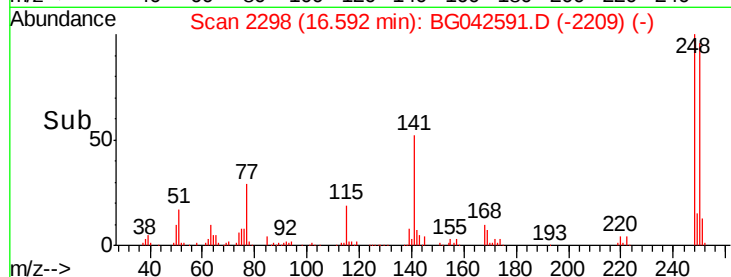
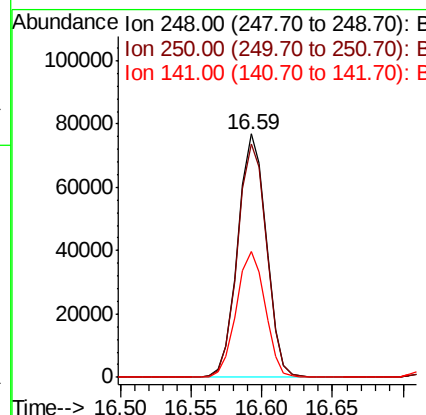
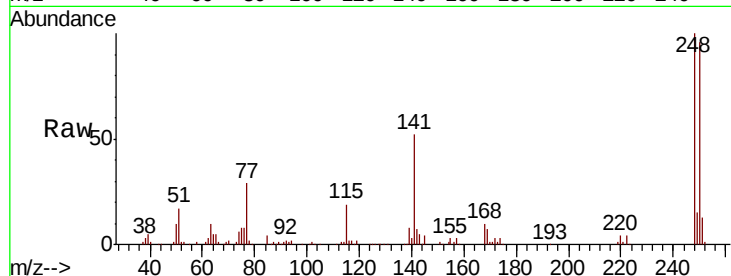
#67
 4-Bromophenyl-phenylether
 Concen: 40.530 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.9	118.3
141	51.9	43.3	64.9

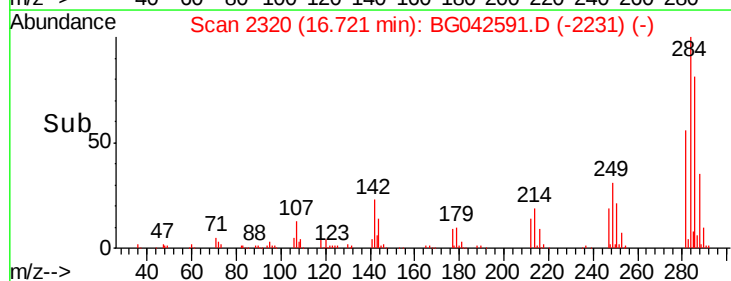
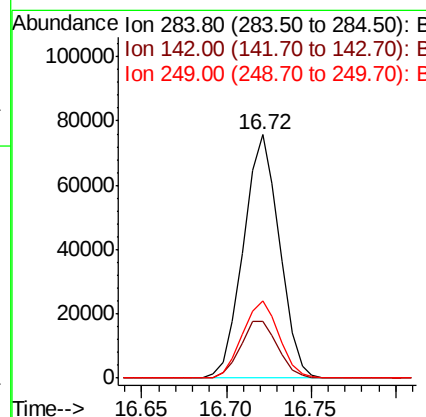
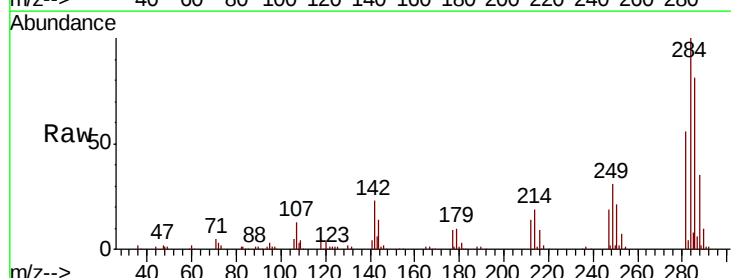
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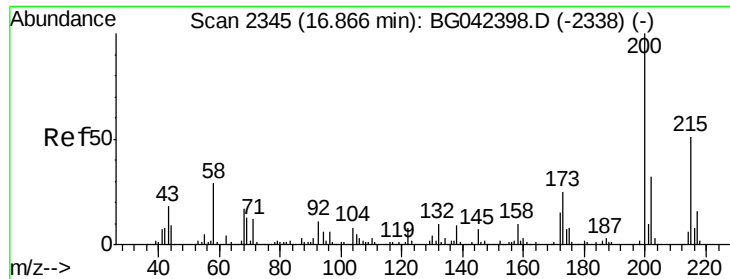
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#68
 Hexachlorobenzene
 Concen: 38.640 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.3	18.2	27.4
249	31.5	25.0	37.4





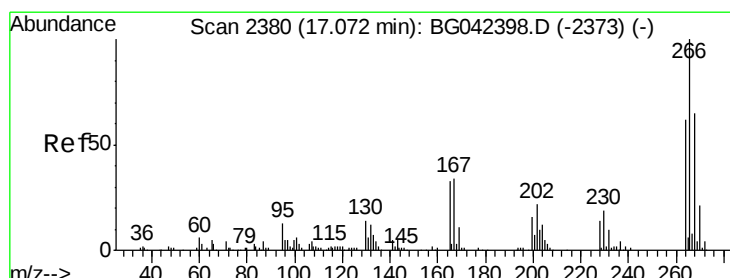
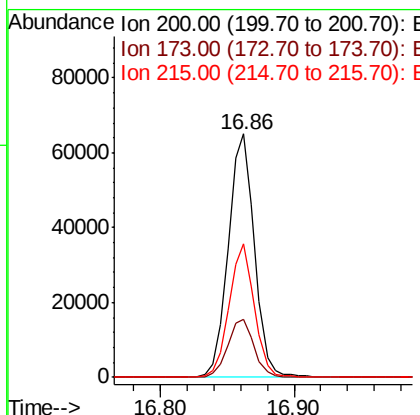
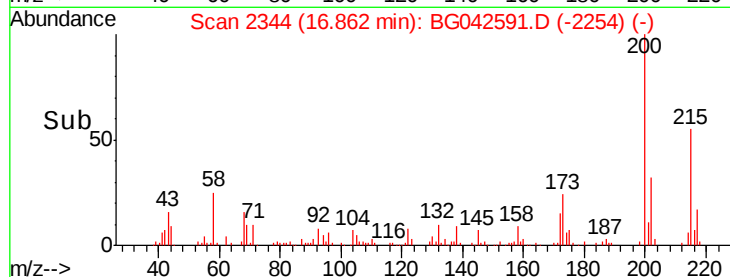
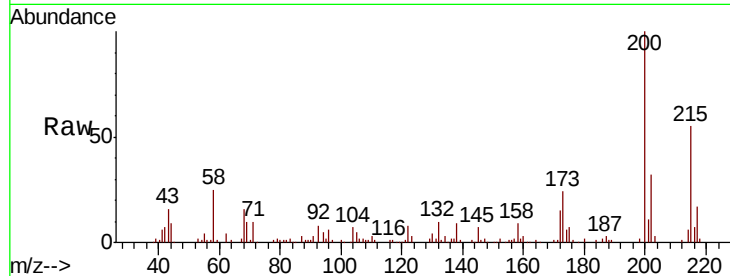
#69
 Atrazine
 Concen: 43.430 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.1	4.9	44.9
215	54.7	30.7	70.7

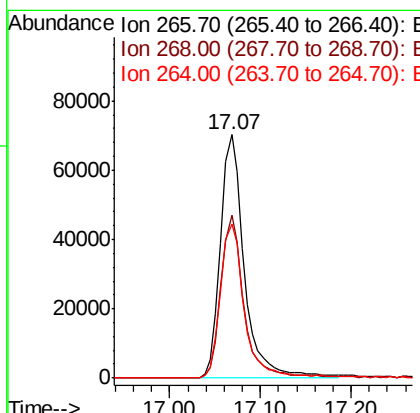
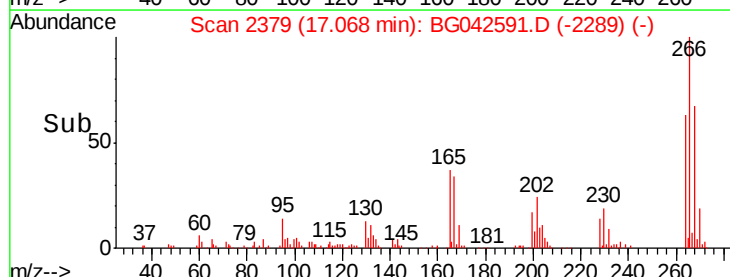
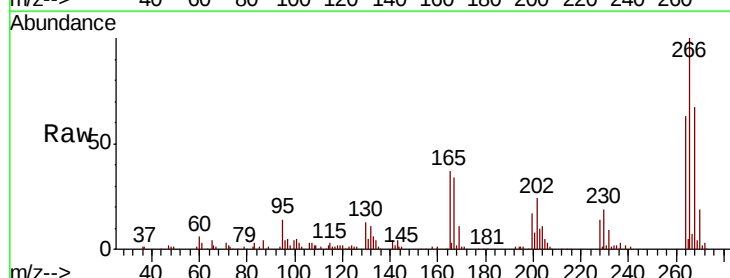
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#70
 Pentachlorophenol
 Concen: 84.960 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.1	52.1	78.1
264	63.1	49.4	74.2





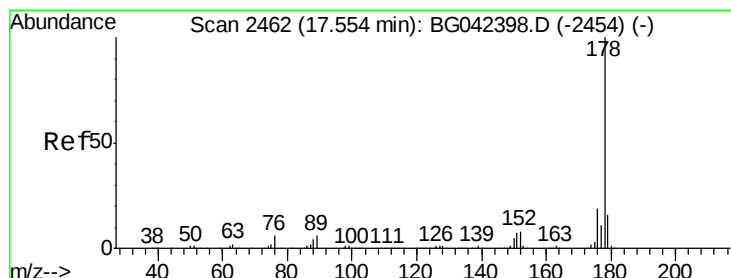
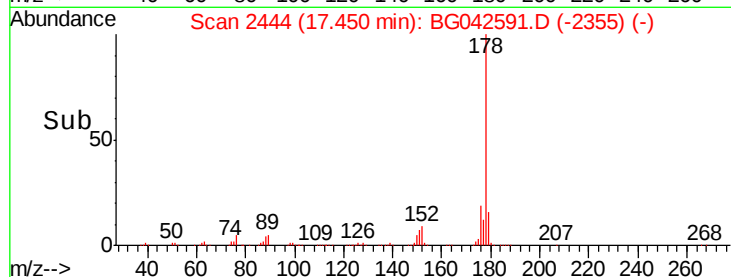
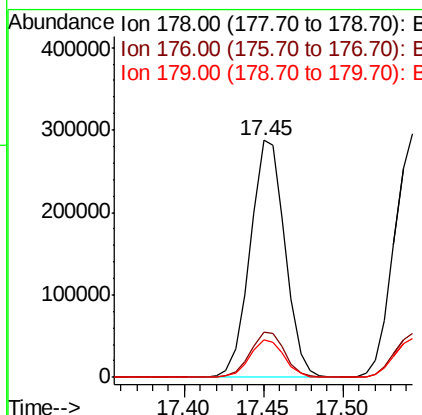
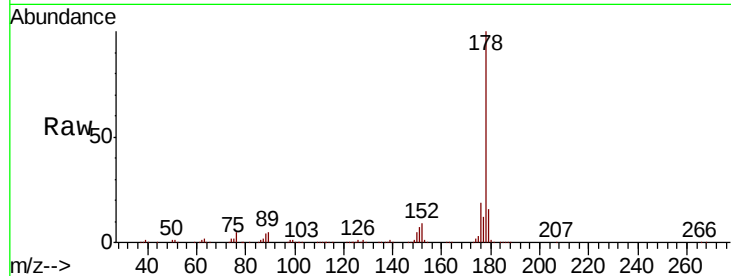
#71
Phenanthrene
Concen: 41.747 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.9	12.7	19.1

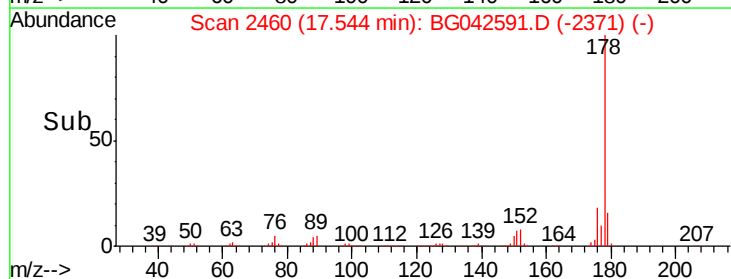
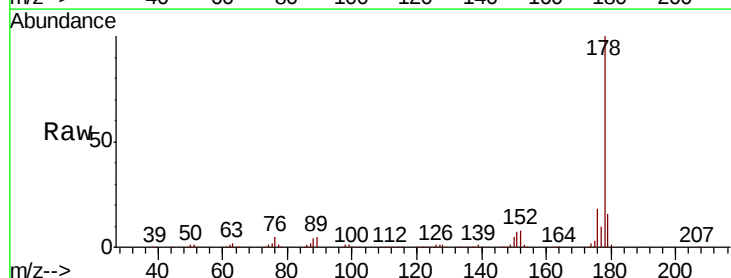
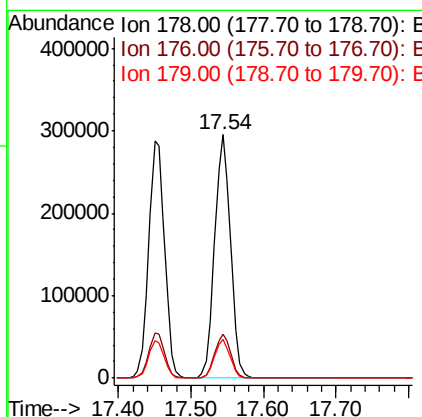
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#72
Anthracene
Concen: 43.031 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.5	23.3
179	15.8	12.9	19.3





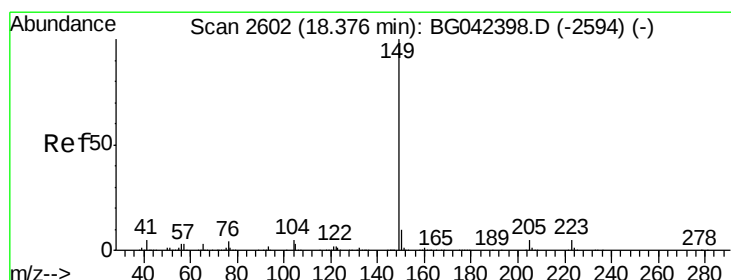
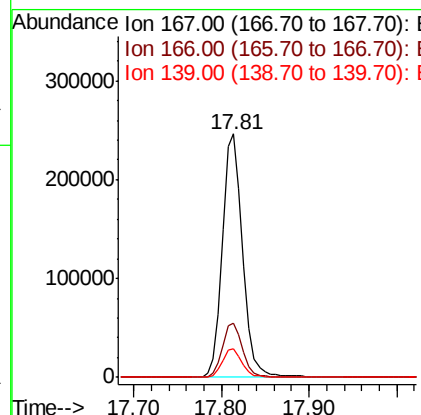
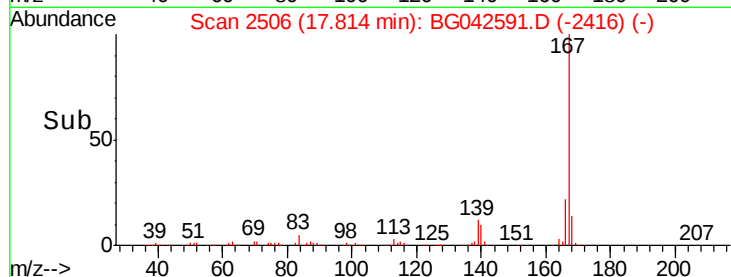
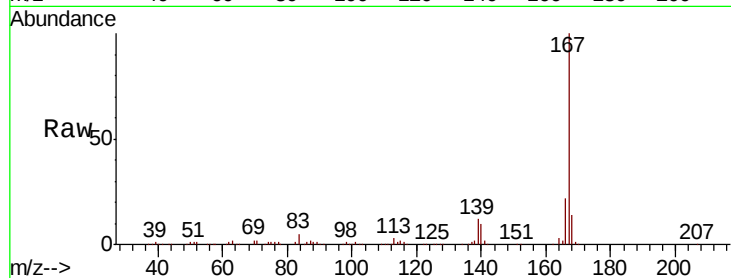
#73
 Carbazole
 Concen: 42.328 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.9	28.3
139	11.7	9.8	14.6

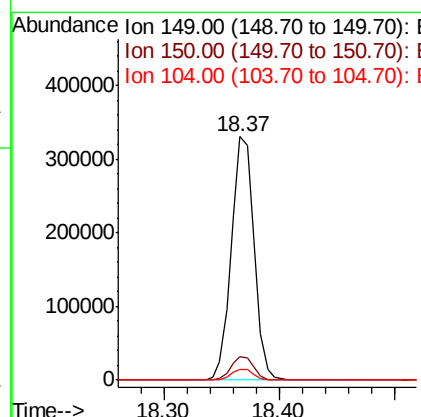
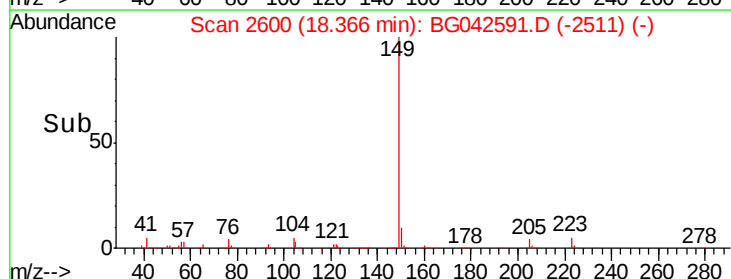
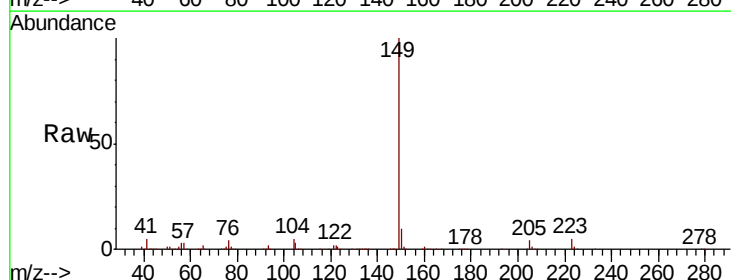
Manual Integrations
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#74
 Di-n-butylphthalate
 Concen: 40.718 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 46.013 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

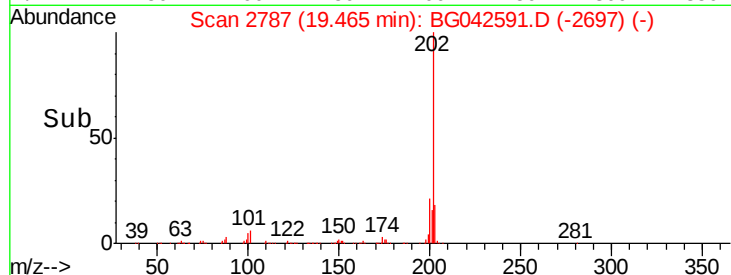
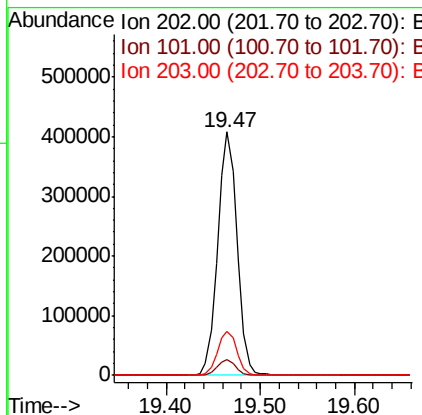
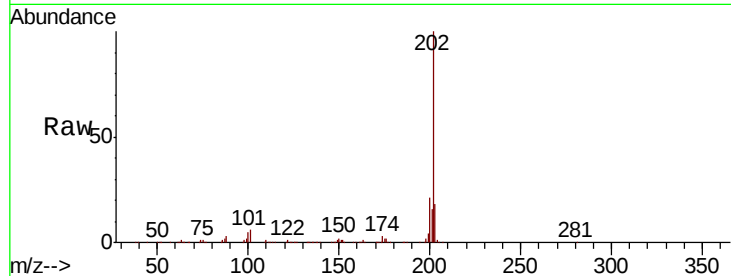
ClientSampled :

PB122614BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		589366		
101	6.4	0.0	28.3		
203	18.3	0.0	39.6		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

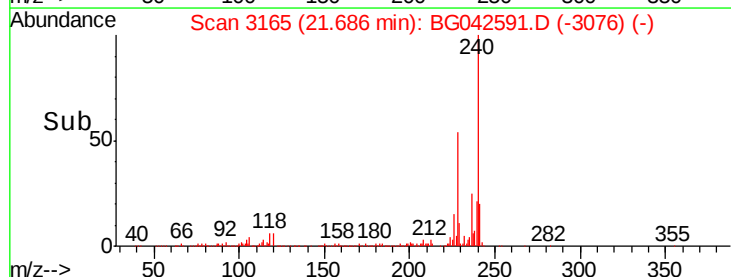
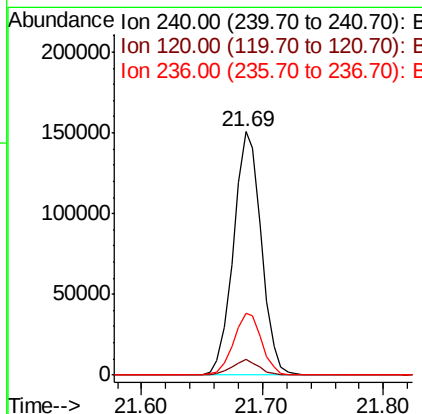
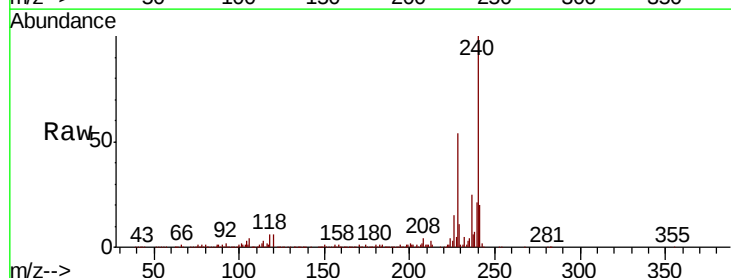
RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		241813		
120	6.2	5.7	8.5		
236	25.3	21.0	31.4		





#77

Benzidine

Concen: 34.450 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

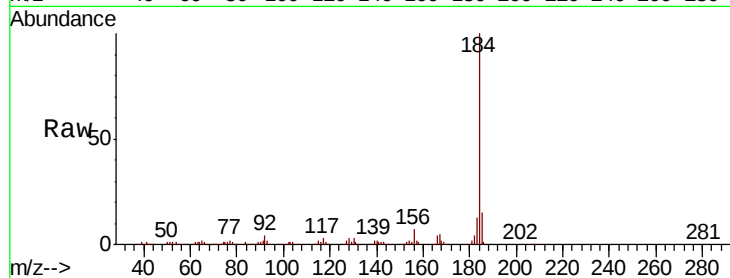
ClientSampleId :

PB122614BS

Tot Ion:	184	Resp:	238839
Ion Ratio		Lower	Upper
184	100		
185	15.1	12.2	18.4
183	13.0	10.8	16.2

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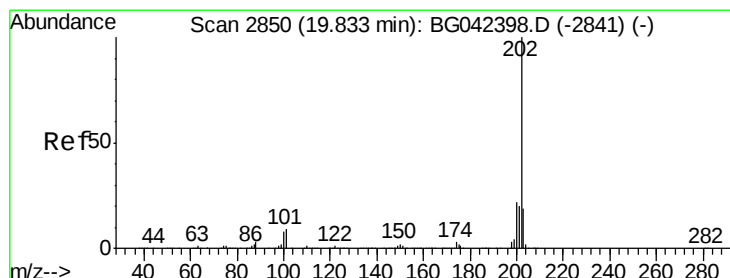
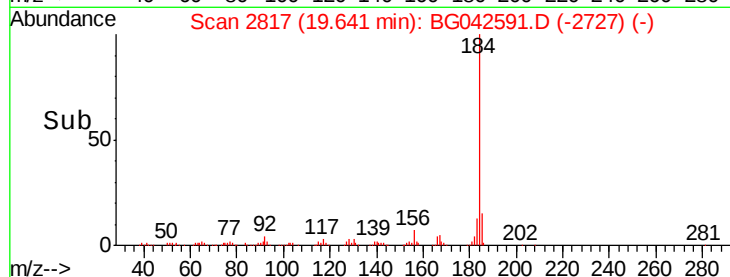
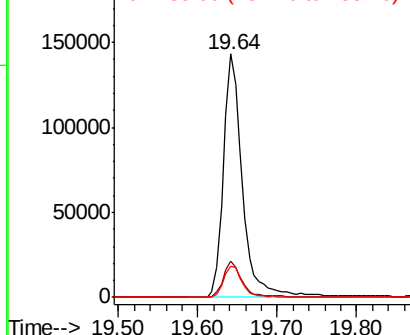


Abundance

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: 40.631 ng

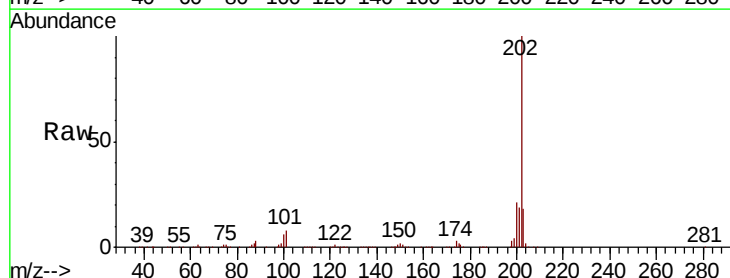
RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Tgt Ion:	202	Resp:	602377
Ion Ratio		Lower	Upper
202	100		
200	21.3	17.8	26.6
203	18.3	15.5	23.3

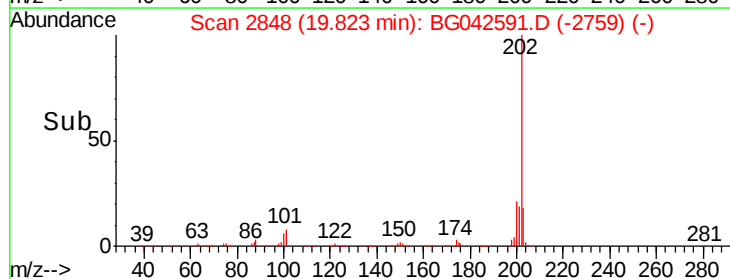
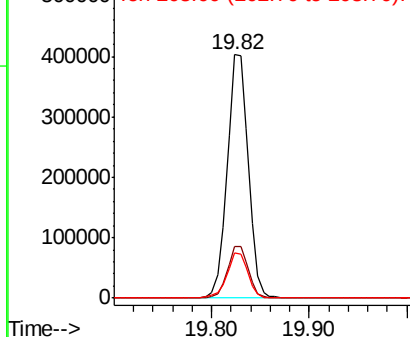


Abundance

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





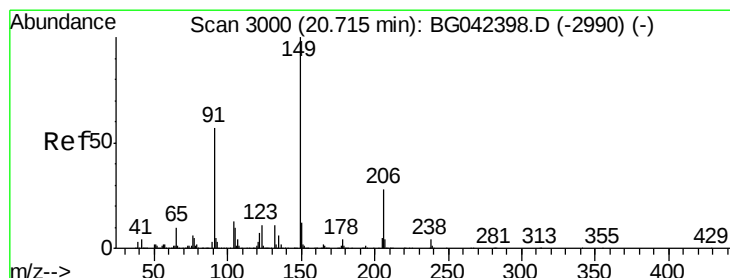
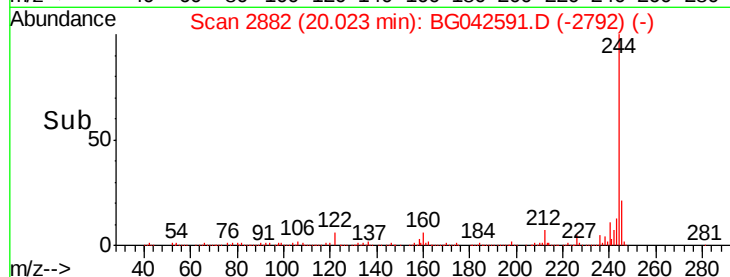
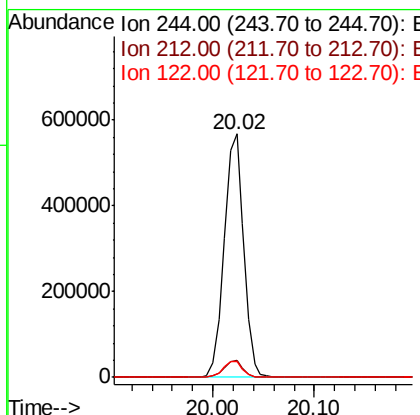
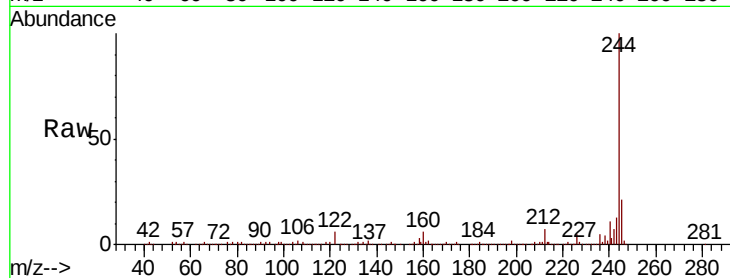
#79
 Terphenyl-d14
 Concen: 67.340 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.8	6.0	9.0	
122	6.4	6.7	10.1	

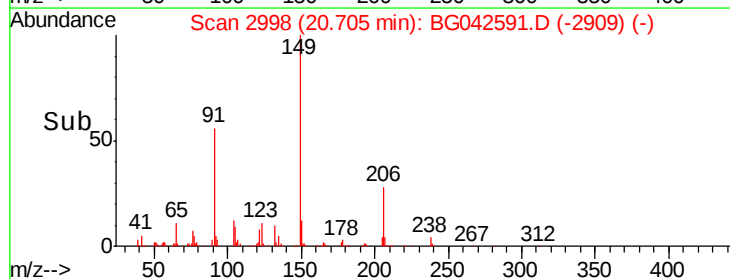
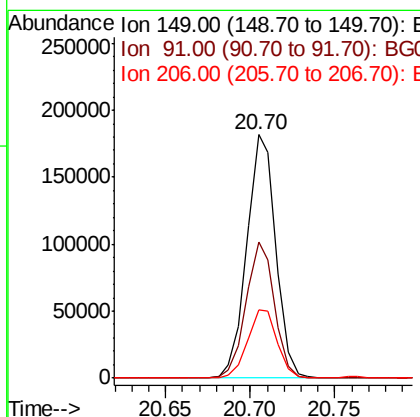
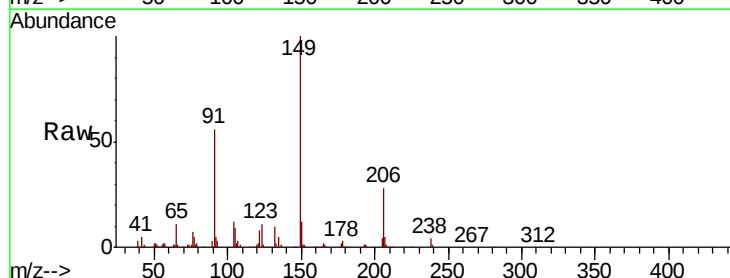
Manual Integrations
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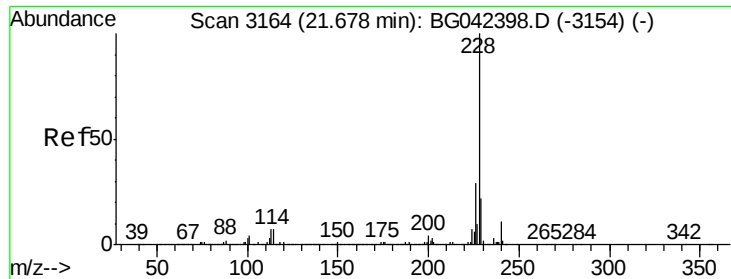
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#80
 Butylbenzylphthalate
 Concen: 37.287 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	56.0	45.9	68.9	
206	27.9	22.5	33.7	





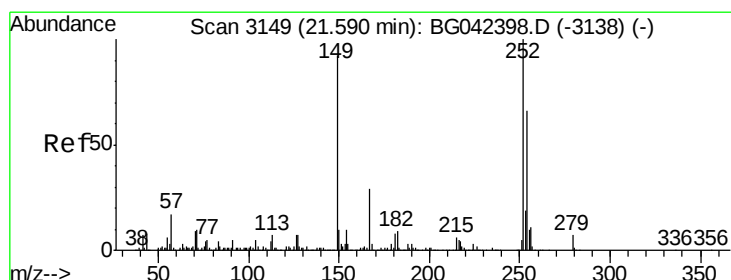
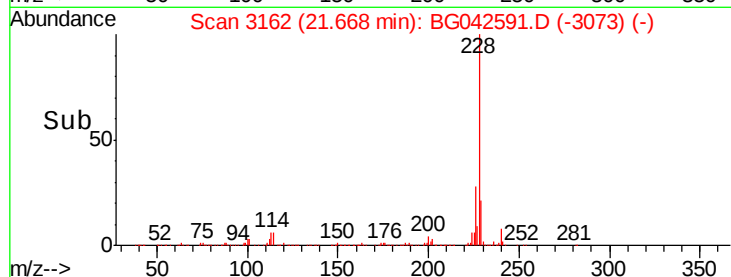
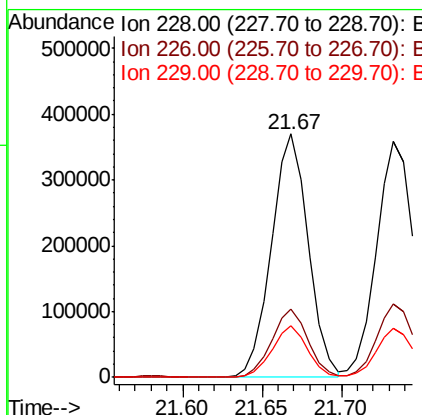
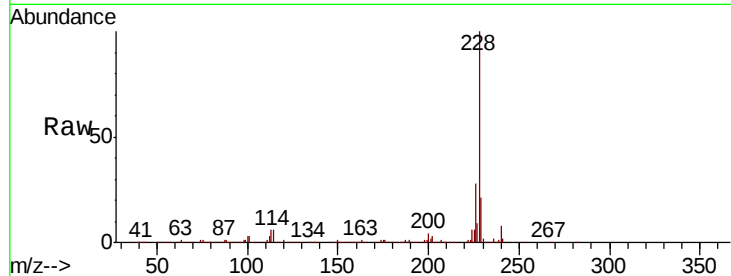
#81
Benzo(a)anthracene
Concen: 40.502 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.4	35.2
229	21.0	17.4	26.2

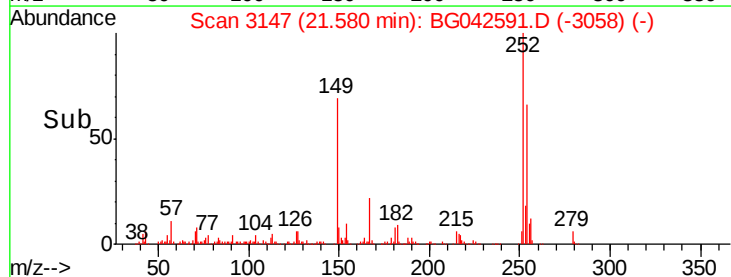
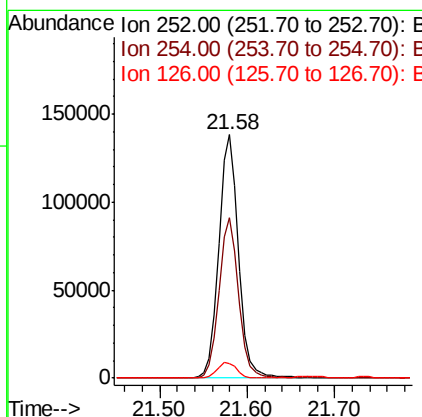
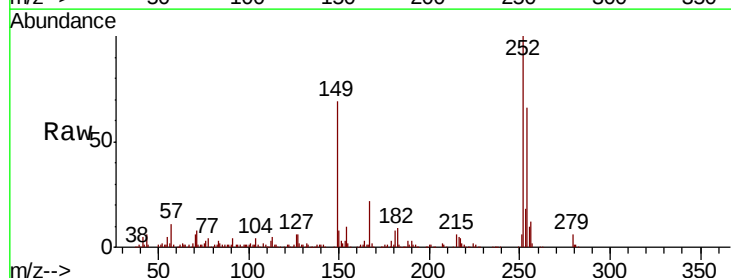
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#82
3,3'-Dichlorobenzidine
Concen: 36.479 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	53.0	79.4
126	6.2	5.7	8.5





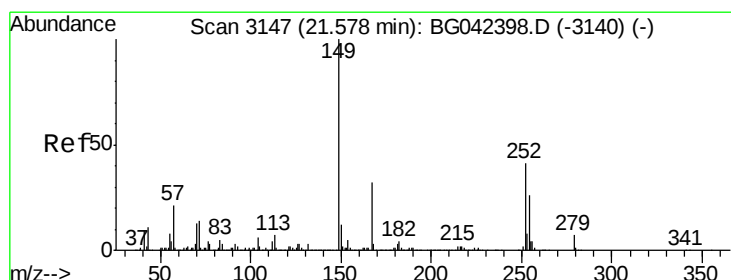
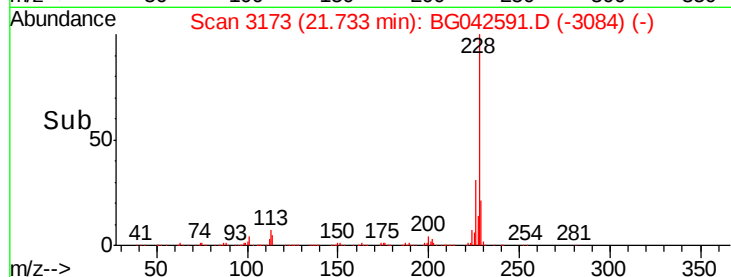
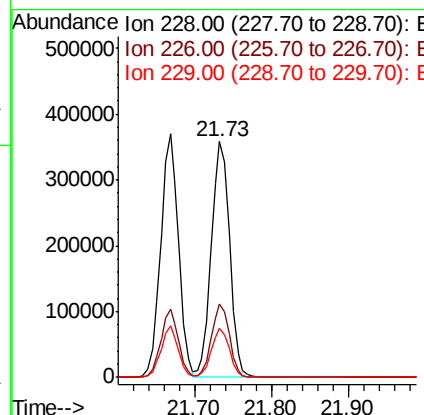
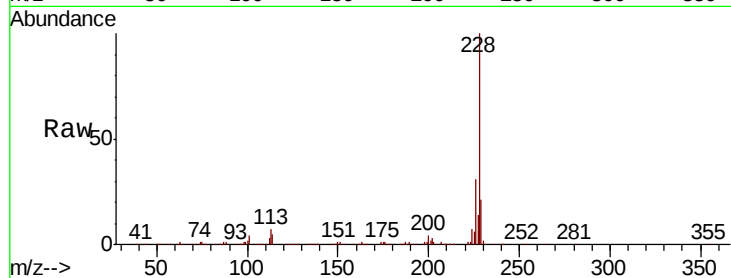
#83
Chrysene
Concen: 41.211 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.8	16.9	25.3

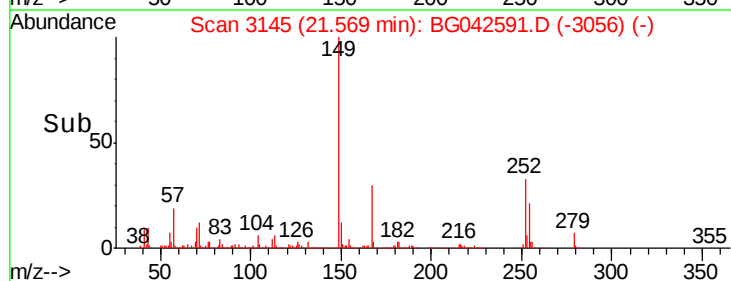
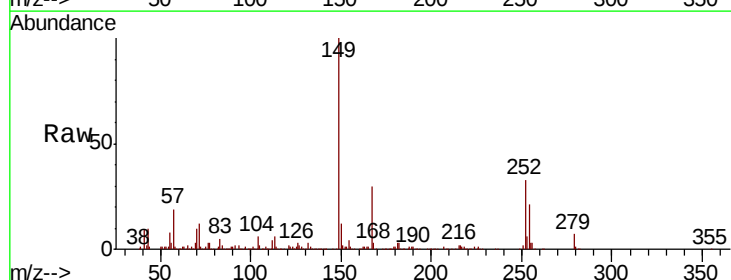
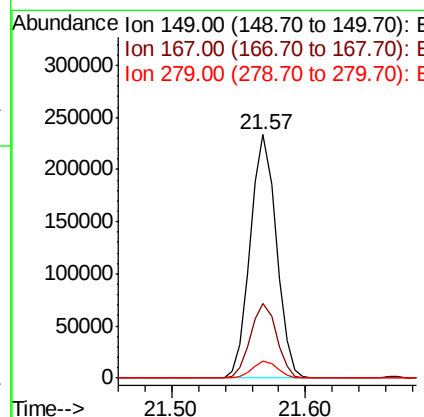
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.722 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.5	26.0	39.0
279	6.9	5.4	8.0





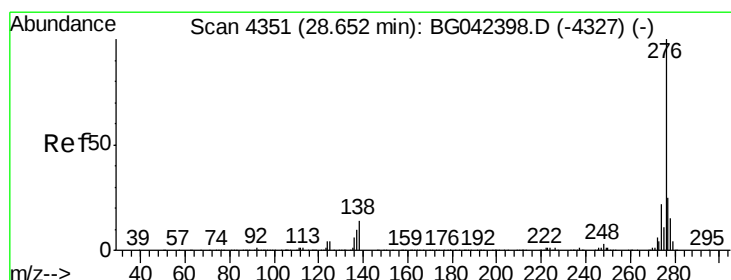
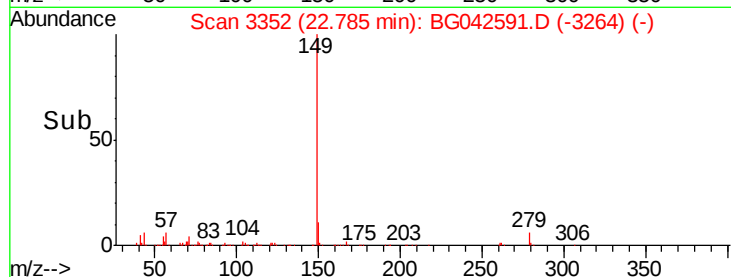
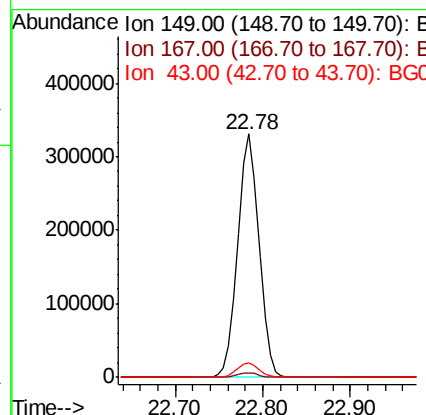
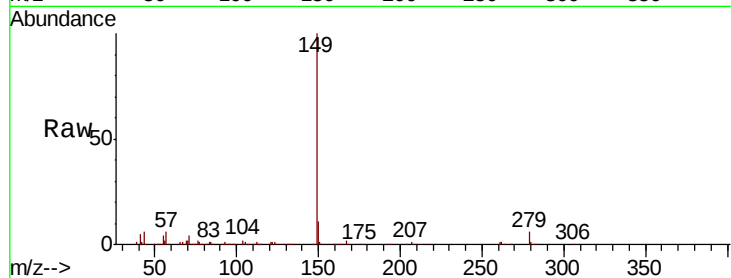
#85
Di-n-octyl phthalate
Concen: 39.104 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.6	2.4	
43	6.4	5.3	7.9	

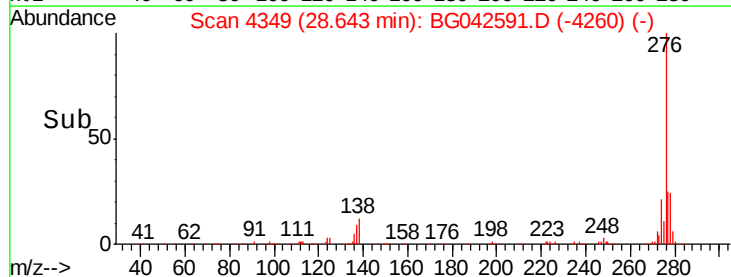
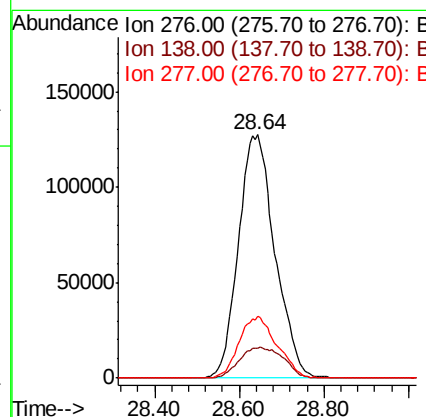
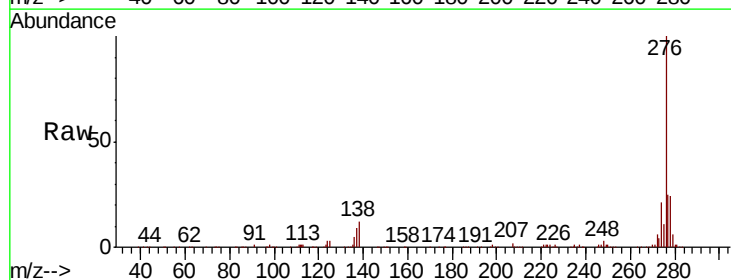
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.464 ng
RT: 28.64 min Scan# 4349
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	15.3	9.2	13.8#	
277	26.1	21.0	31.6	





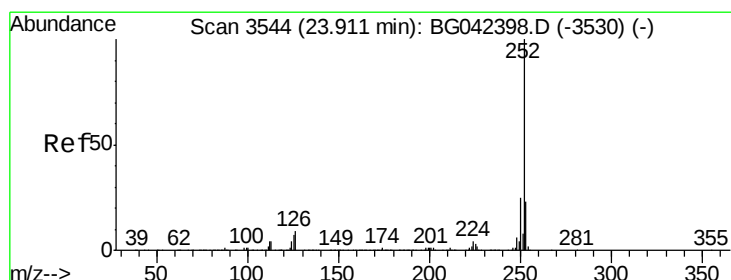
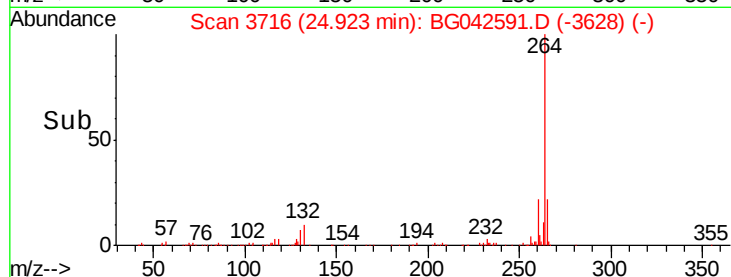
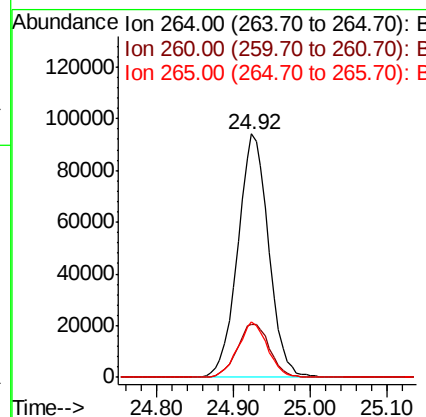
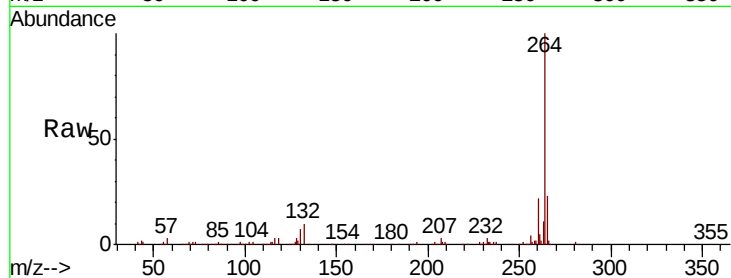
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.5	27.7
265	22.6	17.6	26.4

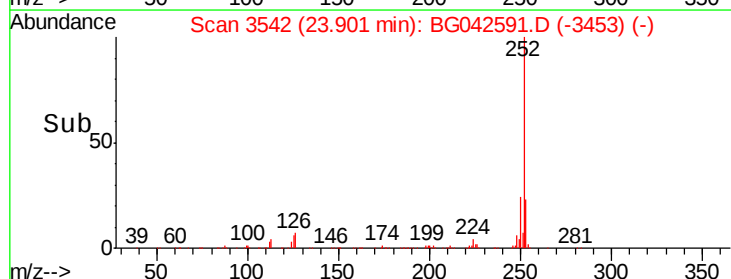
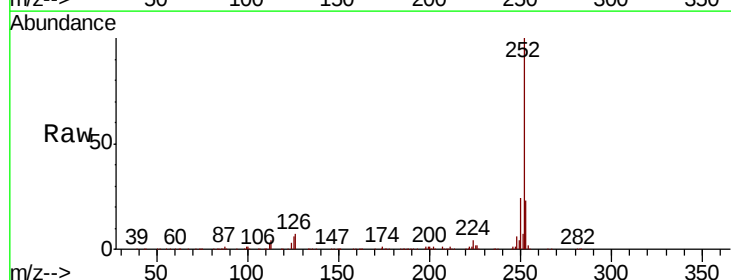
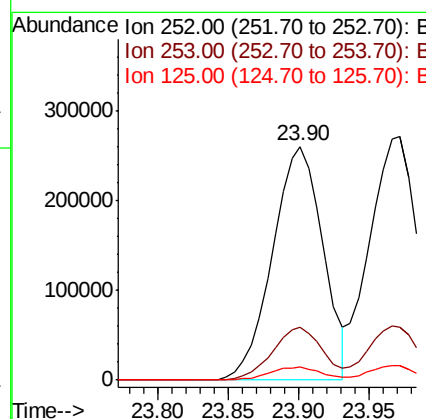
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#88
Benzo(b)fluoranthene
Concen: 44.730 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	5.6	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 46.604 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

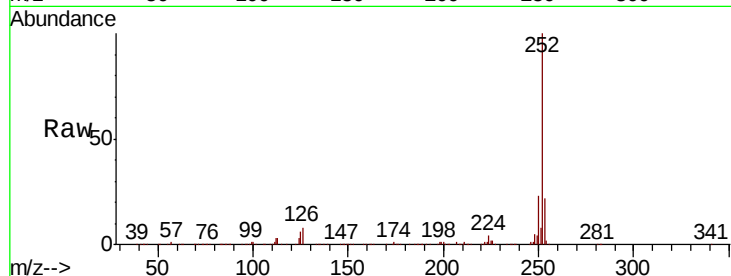
ClientSampleId :

PB122614BS

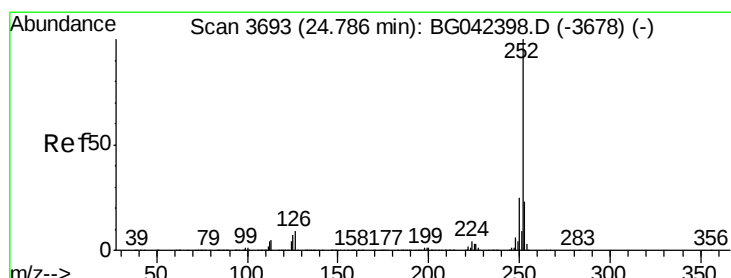
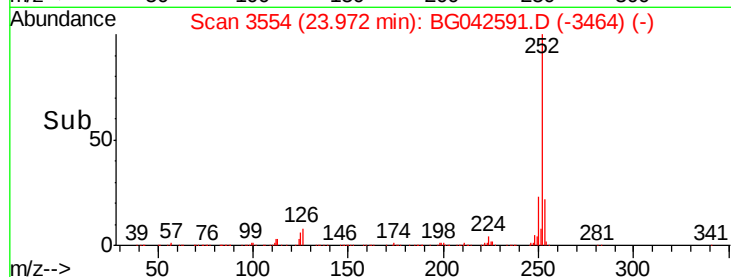
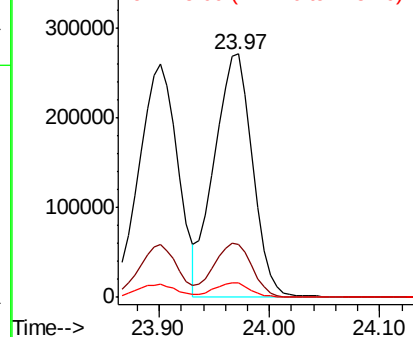
Tot Ion:	252	Resp:	647861
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.6	27.8
125	5.8	5.8	8.6

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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



#90

Benzo(a)pyrene

Concen: 46.530 ng

RT: 24.78 min Scan# 3691

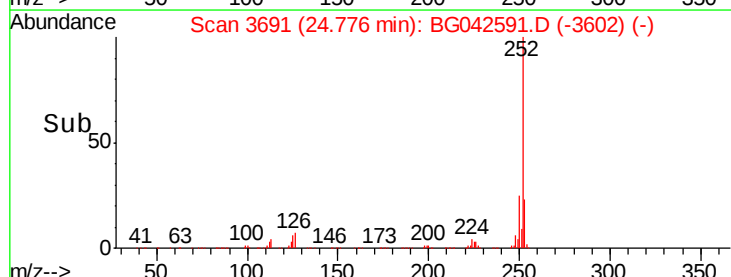
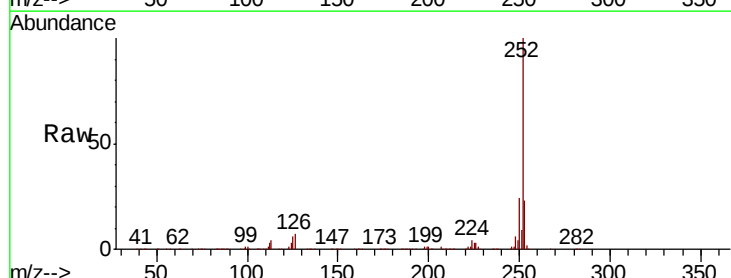
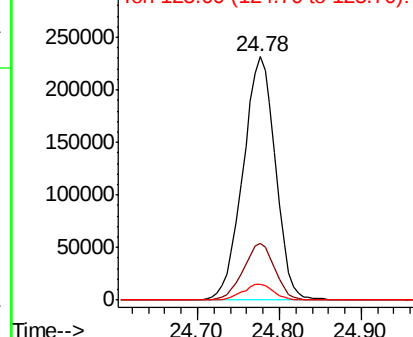
Delta R.T. -0.01 min

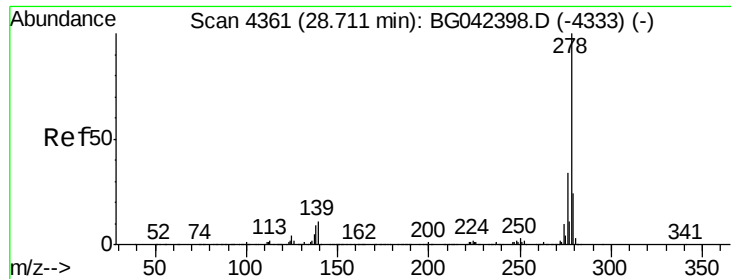
Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Tgt Ion:	252	Resp:	638554
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.4	27.6
125	6.4	6.0	9.0

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





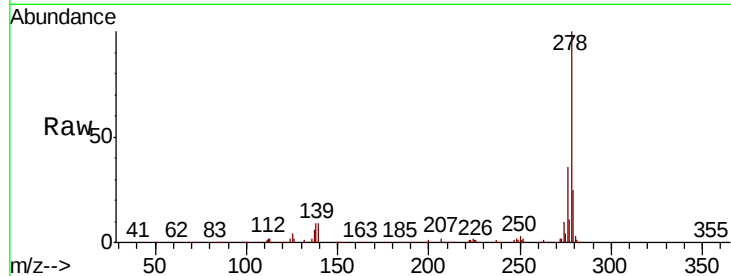
#91
Dibenzo(a,h)anthracene
Concen: 45.507 ng
RT: 28.70 min Scan# 4358
Delta R.T. -0.02 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.2	8.8	13.2
279	24.5	19.1	28.7

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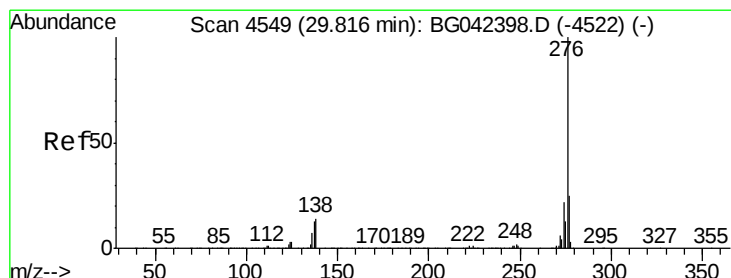
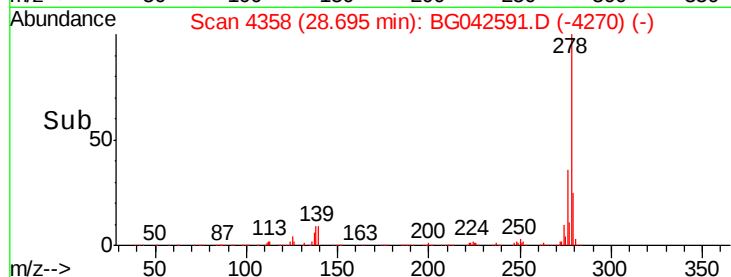
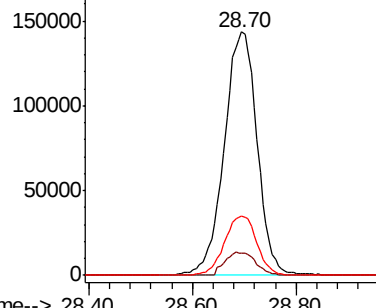


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.923 ng
RT: 29.79 min Scan# 4545
Delta R.T. -0.02 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.8	29.8
138	12.4	11.4	17.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

