

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040021.D
 Acq On : 20 Mar 2019 3:17
 Operator : JU/SJ
 Sample : PB118056BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118056BS

Manual Integrations
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 3/20/2019 4:59:25 PM

Quant Time: Mar 20 05:00:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38306	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	163633	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	117879	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	301745	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	293161	20.00	ng	-0.02
87) Perylene-d12	25.16	264	290269	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	332472	148.07	ng	-0.02
7) Phenol-d6	7.29	99	488050	145.78	ng	-0.02
23) Nitrobenzene-d5	9.32	82	295129	97.55	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	209218	152.27	ng	-0.01
45) 2-Fluorobiphenyl	13.39	172	729931	88.17	ng	-0.02
79) Terphenyl-d14	20.11	244	1193989	89.68	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	29952	28.894	ng	99
3) Pyridine	3.98	79	90338	32.552	ng	95
4) n-Nitrosodimethylamine	3.90	42	53038	40.286	ng	# 88
6) Aniline	7.47	93	111515	25.424	ng	98
8) 2-Chlorophenol	7.71	128	113263	41.579	ng	95
9) Benzaldehyde	7.28	77	56101	25.977	ng	95
10) Phenol	7.32	94	157433	43.407	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	111554	39.449	ng	99
12) 1,3-Dichlorobenzene	8.03	146	117277	38.067	ng	99
13) 1,4-Dichlorobenzene	8.18	146	119423	38.056	ng	97
14) 1,2-Dichlorobenzene	8.50	146	117517	38.759	ng	98
15) Benzyl Alcohol	8.38	79	113723	42.821	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	217755	38.502	ng	99
17) 2-Methylphenol	8.58	107	101863	44.046	ng	98
18) Hexachloroethane	9.23	117	43388	38.533	ng	95
19) n-Nitroso-di-n-propylamine	8.94	70	94568	39.243	ng	96
20) 3+4-Methylphenols	8.91	107	142180	44.254	ng	96
22) Acetophenone	8.97	105	178872	40.728	ng	# 96
24) Nitrobenzene	9.37	77	138876	43.754	ng	99
25) Isophorone	9.88	82	272291	42.952	ng	99
26) 2-Nitrophenol	10.07	139	67855	44.278	ng	94
27) 2,4-Dimethylphenol	10.12	122	121909	51.149	ng	97
28) bis(2-Chloroethoxy)methane	10.36	93	161963	42.041	ng	97
29) 2,4-Dichlorophenol	10.61	162	127756	47.609	ng	98
30) 1,2,4-Trichlorobenzene	10.82	180	126789	41.989	ng	95
31) Naphthalene	11.01	128	364397	42.060	ng	97
32) Benzoic acid	10.26	122	70349	43.677	ng	89
33) 4-Chloroaniline	11.13	127	51015	13.886	ng	95
34) Hexachlorobutadiene	11.28	225	82531	39.997	ng	97
35) Caprolactam	11.91	113	48317m	47.136	ng	
36) 4-Chloro-3-methylphenol	12.23	107	147473	47.942	ng	99
37) 2-Methylnaphthalene	12.61	142	283991	43.845	ng	98
38) 1-Methylnaphthalene	12.83	142	271102	43.069	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	155077	38.833	ng	98

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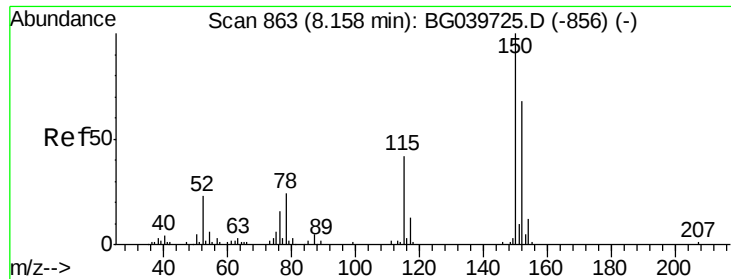
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	211905	99.016	nq	99
43) 2,4,6-Trichlorophenol	13.21	196	110101	47.092	nq	97
44) 2,4,5-Trichlorophenol	13.28	196	119377	45.299	nq	99
46) 1,1'-Biphenyl	13.61	154	388536	40.074	nq	99
47) 2-Chloronaphthalene	13.66	162	300747	41.233	nq	99
48) 2-Nitroaniline	13.87	65	110416	47.106	nq	96
49) Acenaphthylene	14.50	152	494838	41.328	nq	99
50) Dimethylphthalate	14.22	163	426082	43.227	nq	100
51) 2,6-Dinitrotoluene	14.35	165	97328	46.577	nq	96
52) Acenaphthene	14.84	154	301501	41.837	nq	95
53) 3-Nitroaniline	14.68	138	41251	19.638	nq #	91
54) 2,4-Dinitrophenol	14.89	184	126818	95.169	nq	94
55) Dibenzofuran	15.17	168	499068	42.209	nq	100
56) 4-Nitrophenol	14.98	139	166862	88.801	nq	91
57) 2,4-Dinitrotoluene	15.14	165	140633	47.897	nq #	88
58) Fluorene	15.82	166	401492	43.194	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	126948	49.325	nq	96
60) Diethylphthalate	15.57	149	440258	45.119	nq	98
61) 4-Chlorophenyl-phenylether	15.80	204	211040	42.548	nq	99
62) 4-Nitroaniline	15.85	138	99240	43.580	nq	96
63) Azobenzene	16.09	77	400715	45.304	nq	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	89441	50.132	nq	98
66) n-Nitrosodiphenylamine	16.02	169	376723	43.125	nq	98
67) 4-Bromophenyl-phenylether	16.69	248	140877	41.710	nq	97
68) Hexachlorobenzene	16.81	284	143673	41.037	nq	95
69) Atrazine	16.96	200	144102	41.914	nq	98
70) Pentachlorophenol	17.16	266	194321	87.885	nq	99
71) Phenanthrene	17.56	178	692374	41.658	nq	100
72) Anthracene	17.65	178	703837	43.456	nq	99
73) Carbazole	17.92	167	620127	42.471	nq	98
74) Di-n-butylphthalate	18.45	149	761929	44.351	nq	100
75) Fluoranthene	19.56	202	825761	42.040	nq	99
77) Benzidine	19.74	184	215405	23.155	nq	99
78) Pyrene	19.92	202	828088	43.470	nq	99
80) Butylbenzylphthalate	20.79	149	340217	46.097	nq	95
81) Benzo(a)anthracene	21.78	228	787705	42.872	nq	99
82) 3,3'-Dichlorobenzidine	21.69	252	143412	21.379	nq	99
83) Chrysene	21.85	228	736992	41.375	nq	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	477483	46.039	nq	100
85) Di-n-octyl phthalate	22.90	149	815075	47.464	nq	96
86) Indeno(1,2,3-cd)pyrene	29.03	276	871630	43.135	nq	98
88) Benzo(b)fluoranthene	24.09	252	774099	44.722	nq	97
89) Benzo(k)fluoranthene	24.16	252	734407	45.580	nq	98
90) Benzo(a)pyrene	25.01	252	750087	46.896	nq	98
91) Dibenzo(a,h)anthracene	29.09	278	703949	44.893	nq	97
92) Benzo(g,h,i)perylene	30.26	276	721434	45.810	nq	97

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



#1

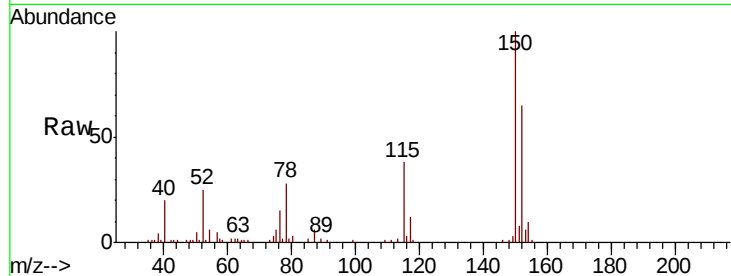
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampled :
PB118056BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.7	185.5
115	58.5	45.9	68.9

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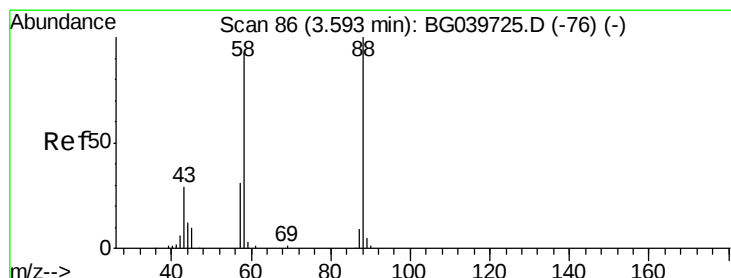
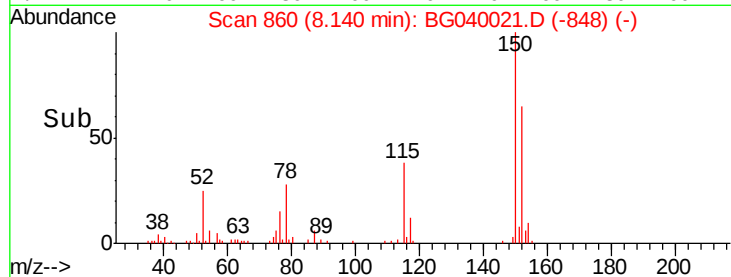
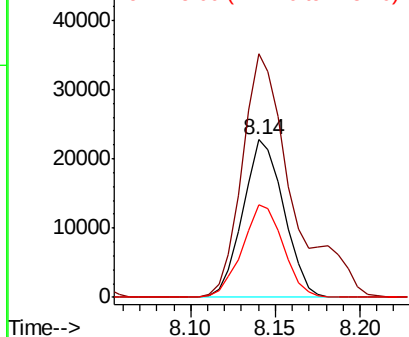


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

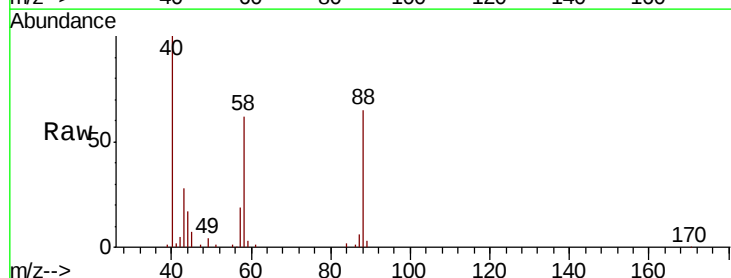
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.894 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.4	81.1	121.7
43	37.8	31.4	47.0

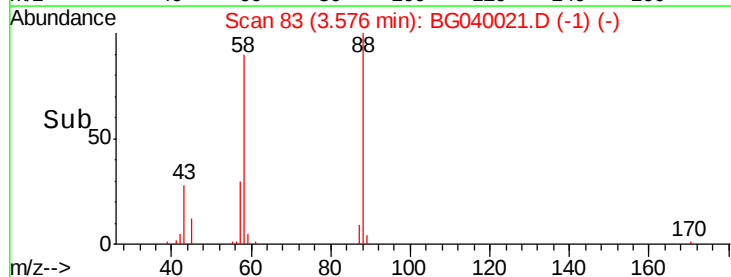
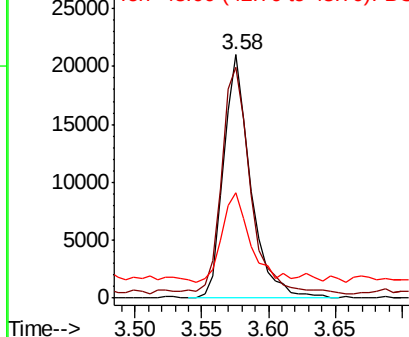


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.552 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

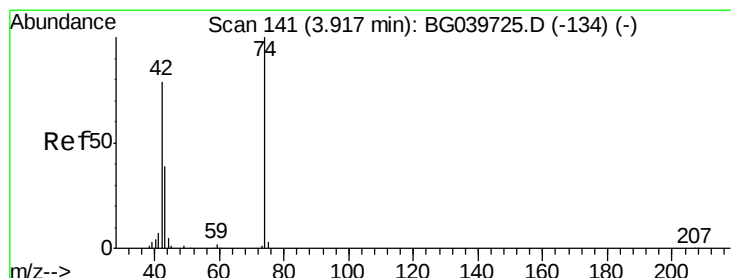
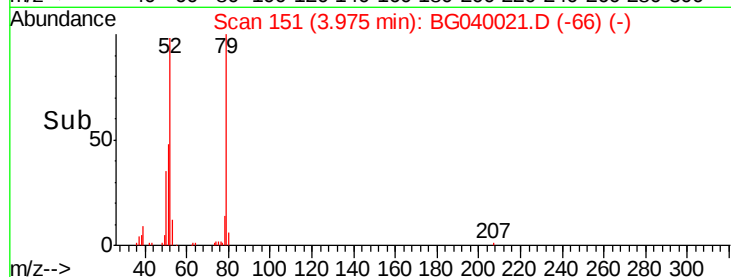
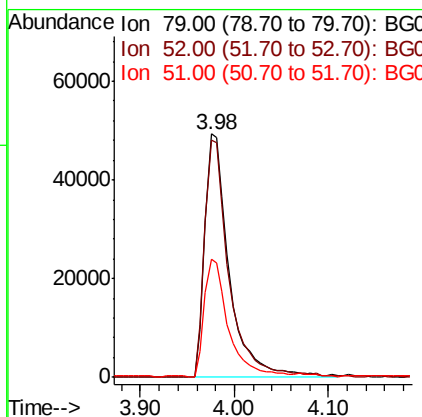
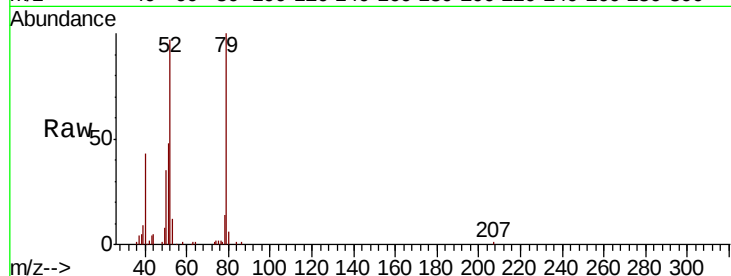
ClientSampleId :

PB118056BS

Tot Ion:	79	Resp:	90338
Ion Ratio	Lower	Upper	
79	100		
52	97.2	82.6	124.0
51	48.3	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 40.286 ng

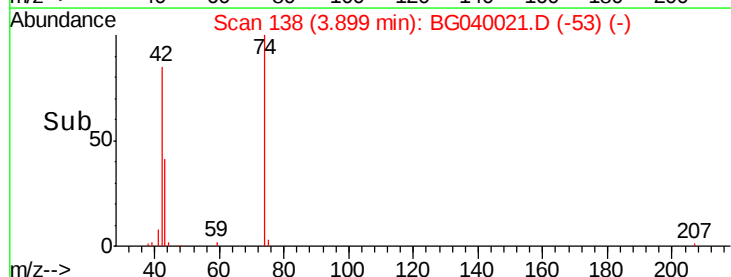
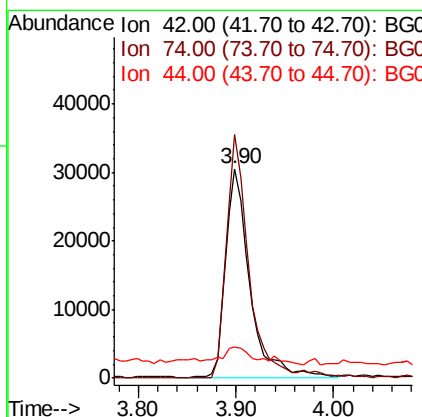
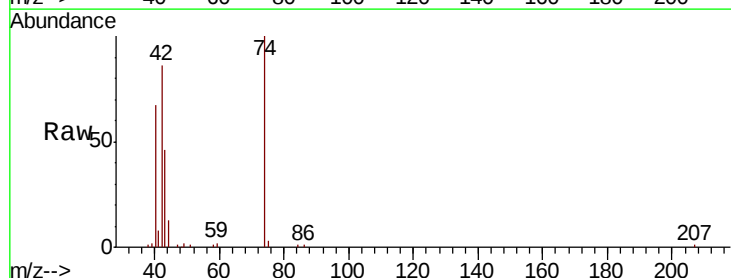
RT: 3.90 min Scan# 138

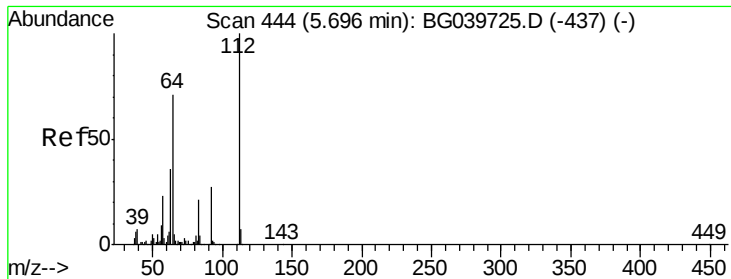
Delta R.T. -0.03 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Tgt Ion:	42	Resp:	53038
Ion Ratio	Lower	Upper	
42	100		
74	116.3	83.6	125.4
44	14.9	6.9	10.3#





#5

2-Fluorophenol

Concen: 148.071 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

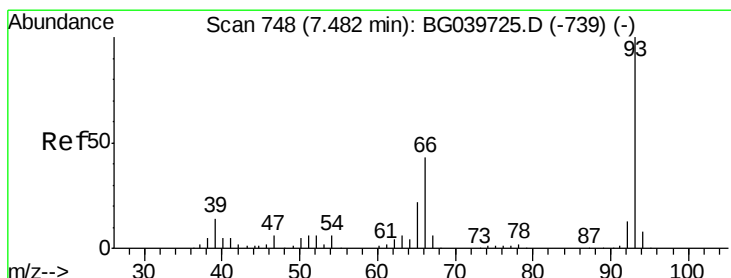
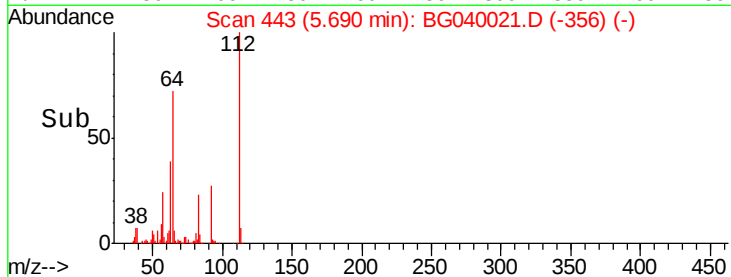
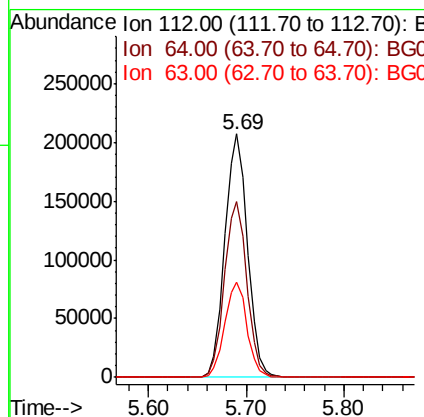
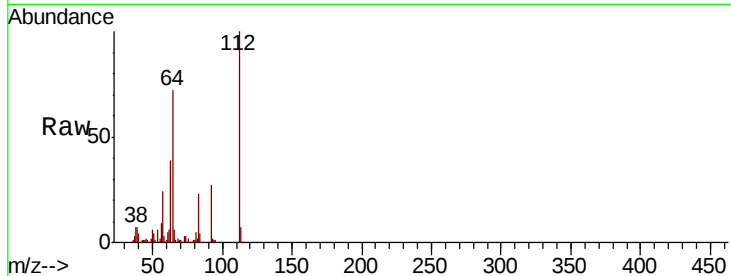
ClientSampled :

PB118056BS

Tot Ion:	112	Resp:	332472
Ion Ratio	Lower	Upper	
112	100		
64	72.0	57.8	86.8
63	39.2	29.8	44.6

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#6

Aniline

Concen: 25.424 ng

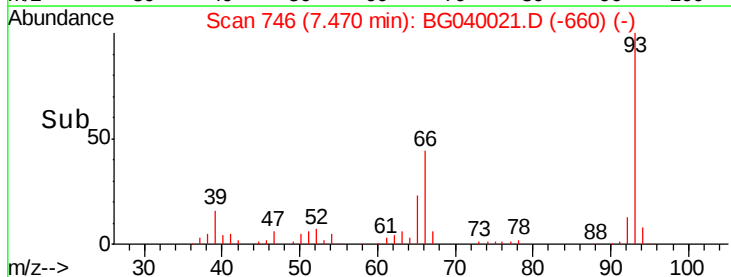
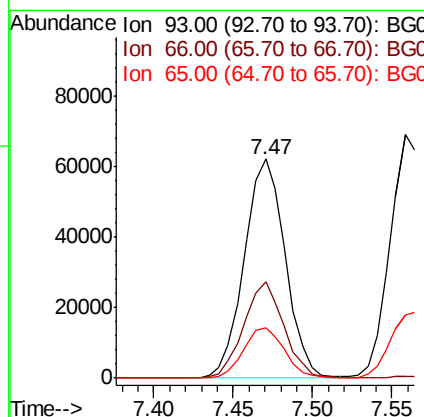
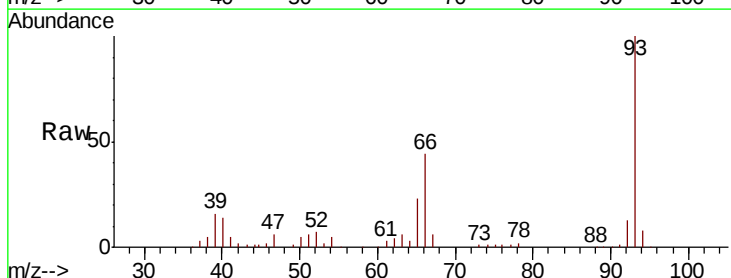
RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Tgt Ion:	93	Resp:	111515
Ion Ratio	Lower	Upper	
93	100		
66	43.8	34.2	51.4
65	23.2	17.7	26.5





#7

Phenol-d6

Concen: 145.775 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

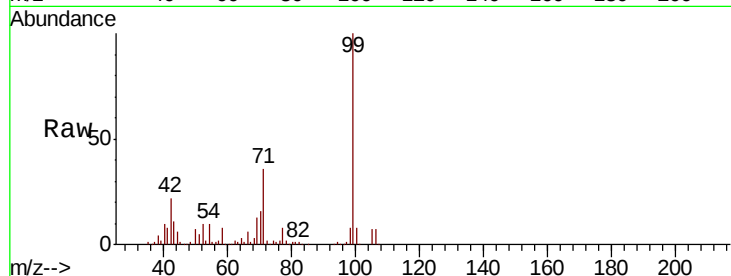
ClientSampleId :

PB118056BS

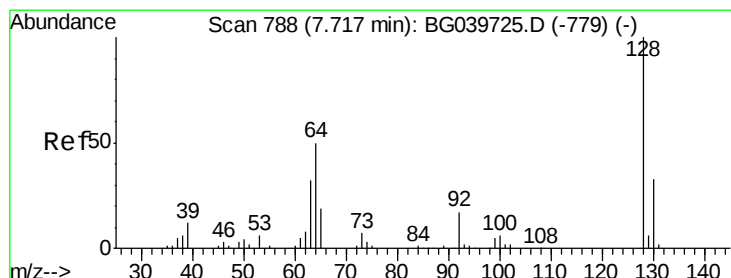
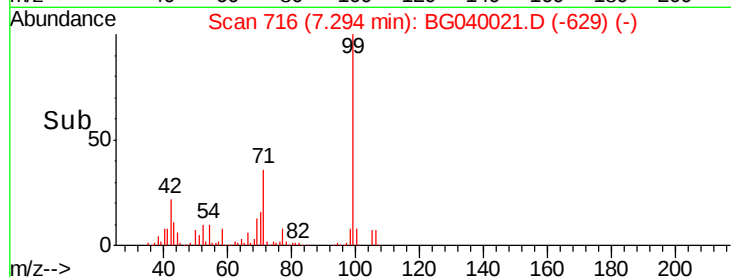
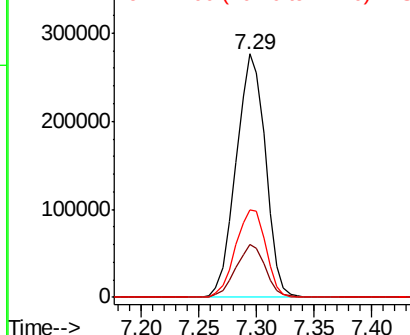
Tot Ion:	99	Resp:	488050
Ion Ratio	Lower	Upper	
99	100		
42	21.8	18.2	27.2
71	36.0	28.0	42.0

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



#8

2-Chlorophenol

Concen: 41.579 ng

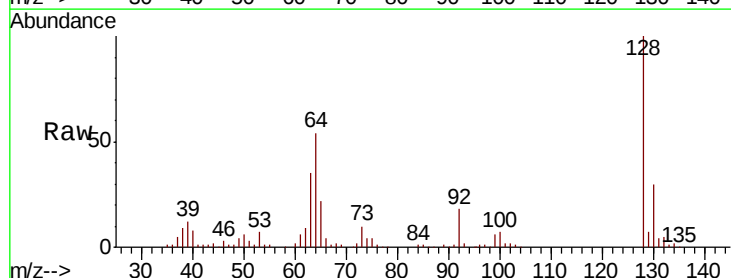
RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

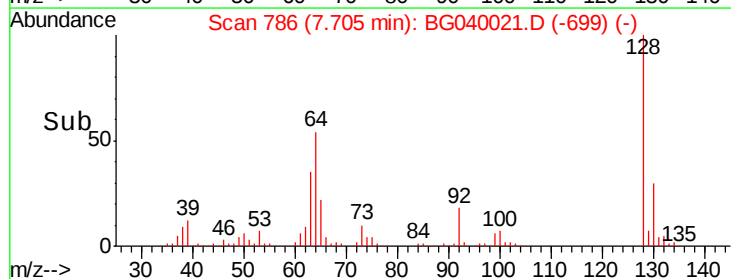
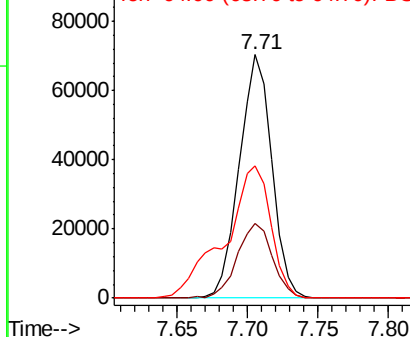
Lab File: BG040021.D

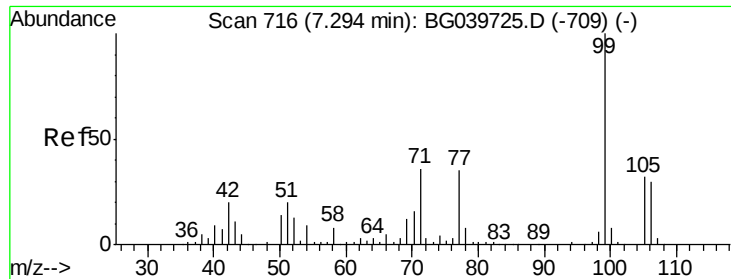
Acq: 20 Mar 2019 3:17

Tgt Ion:	128	Resp:	113263
Ion Ratio	Lower	Upper	
128	100		
130	30.5	12.9	52.9
64	54.4	38.7	78.7



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





#9

Benzaldehyde

Concen: 25.977 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

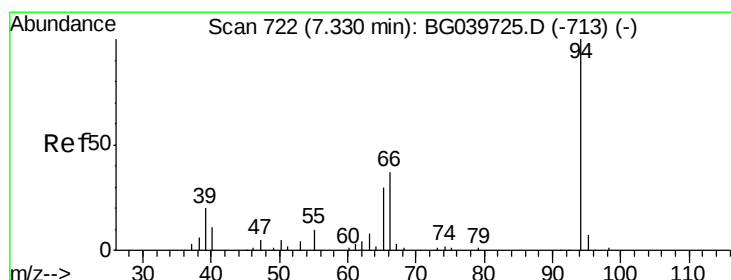
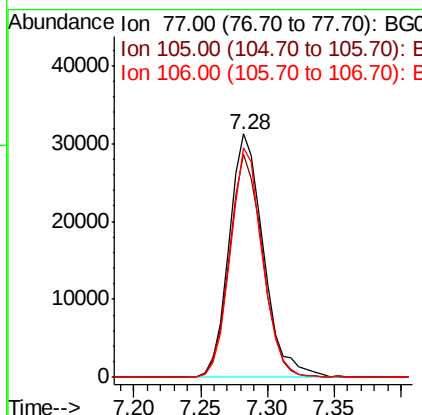
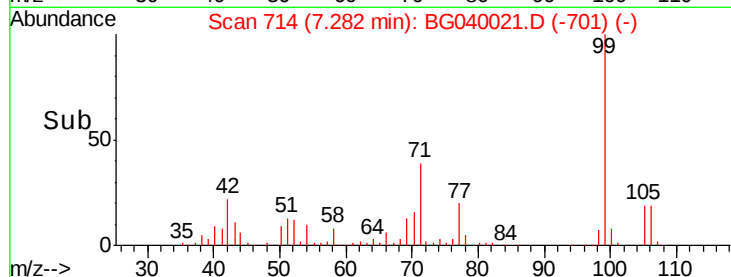
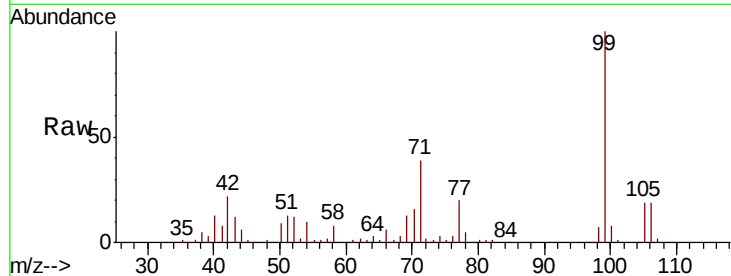
ClientSampled :

PB118056BS

Tot Ion:	77	Resp:	56101
Ion Ratio	Lower	Upper	
77	100		
105	91.9	74.5	114.5
106	94.4	68.0	108.0

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#10

Phenol

Concen: 43.407 ng

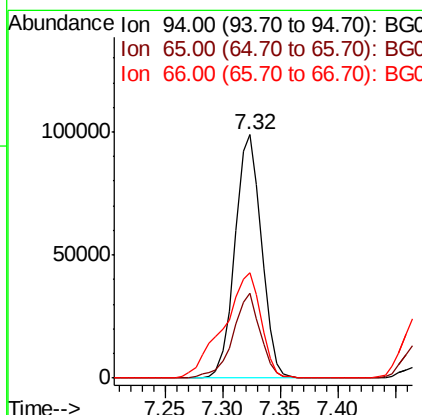
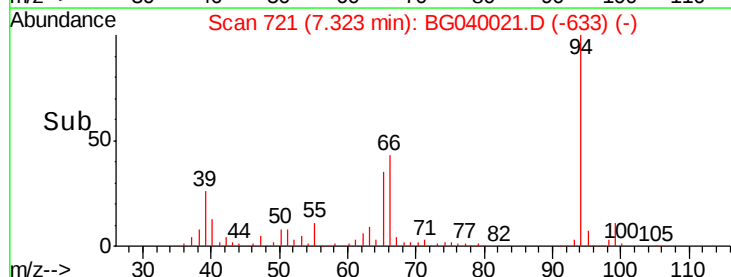
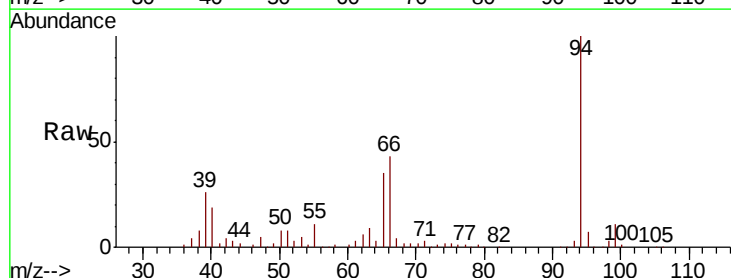
RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Tgt Ion:	94	Resp:	157433
Ion Ratio	Lower	Upper	
94	100		
65	34.6	11.7	51.7
66	43.3	23.7	63.7





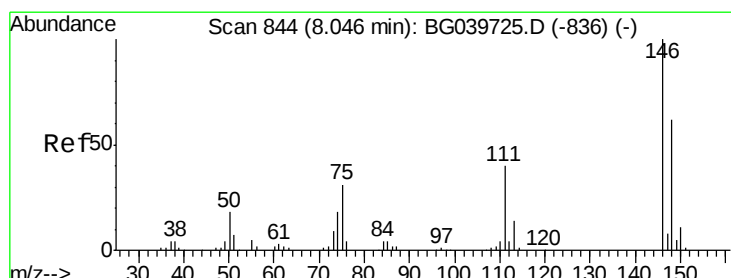
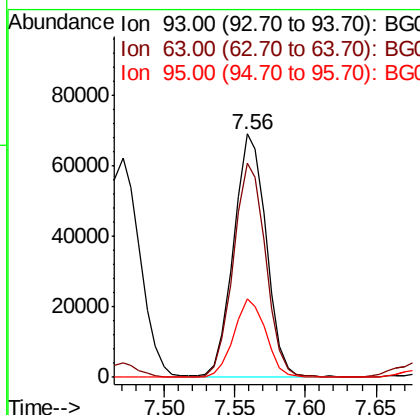
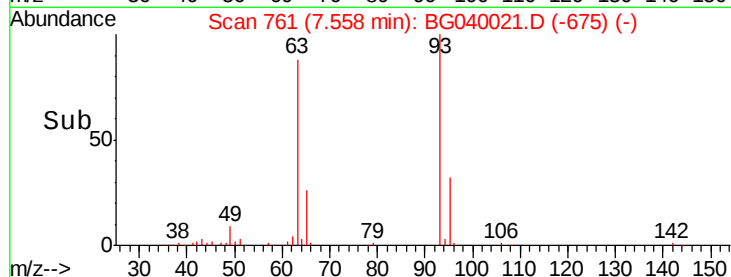
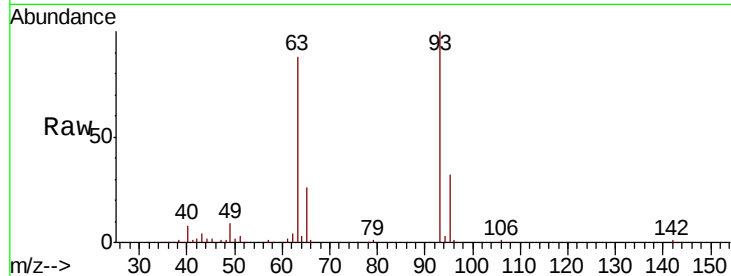
#11
bis(2-Chloroethyl)ether
Concen: 39.449 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.9	69.5	109.5
95	32.4	12.7	52.7

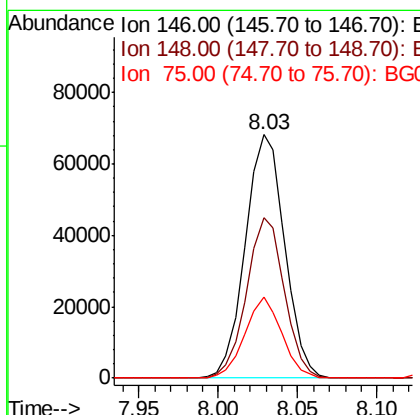
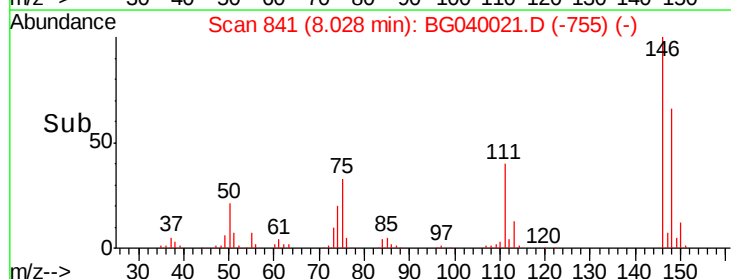
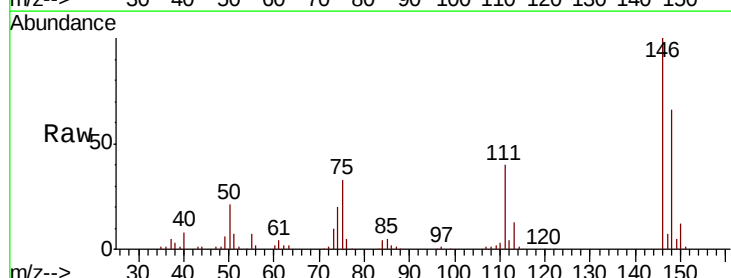
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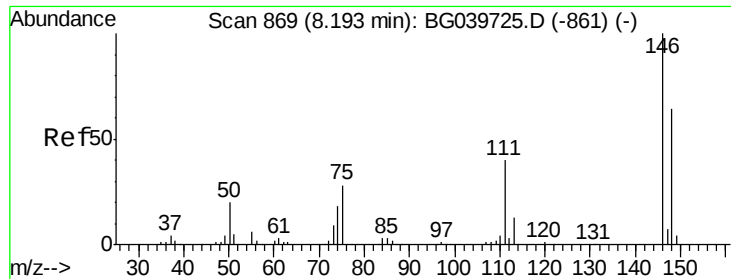
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.067 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.6	79.0
75	33.5	25.8	38.6





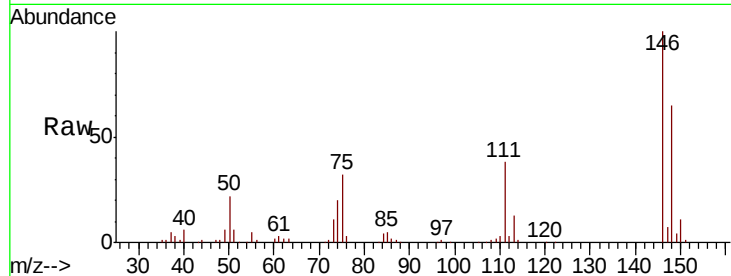
#13
 1,4-Dichlorobenzene
 Concen: 38.056 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Instrument :
 BNA_G
 ClientSampleId :
 PB118056BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		119423		
148	65.2	51.1	76.7		
111	37.6	32.6	48.8		

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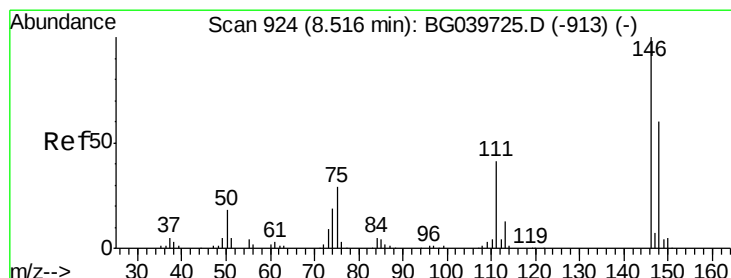
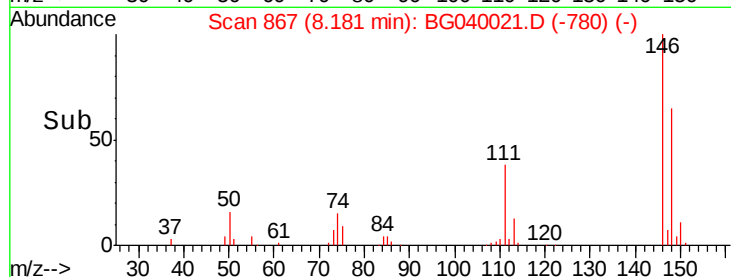
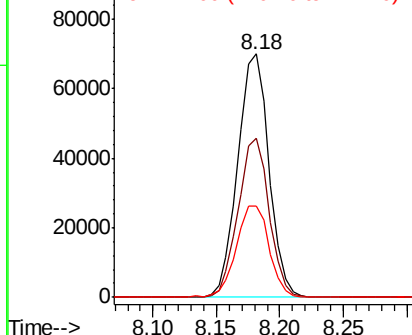


Abundance

Ion 146.00 (145.70 to 146.70): E

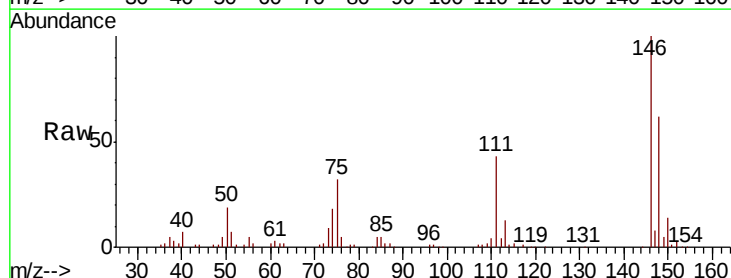
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.759 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		117517		
148	62.2	51.5	77.3		
111	42.8	33.8	50.6		

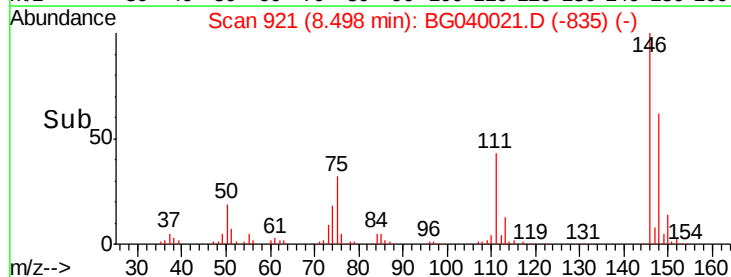
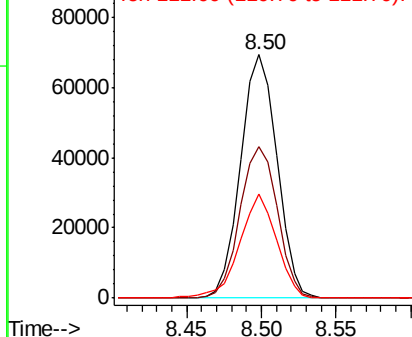


Abundance

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: 42.821 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

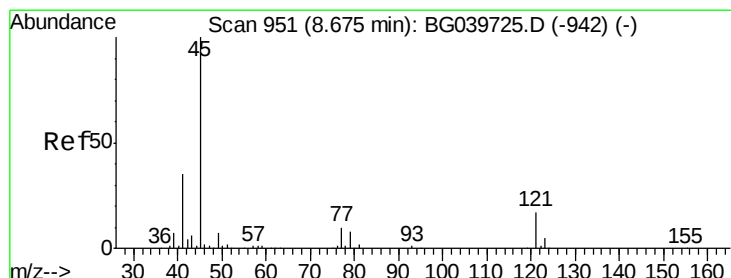
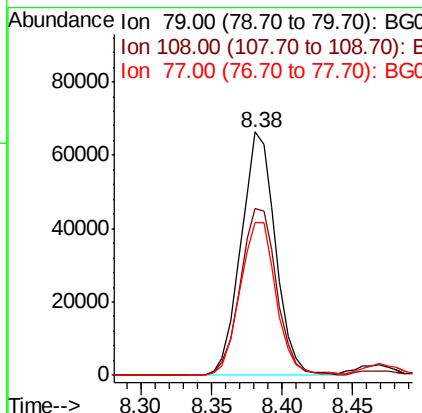
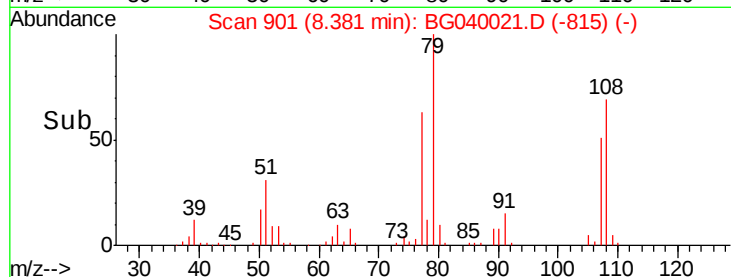
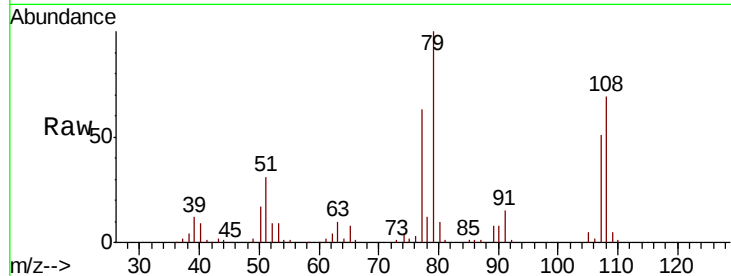
ClientSampled :

PB118056BS

Tot Ion:	79	Resp:	113723
Ion Ratio	Lower	Upper	
79	100		
108	68.6	57.8	86.6
77	62.8	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.502 ng

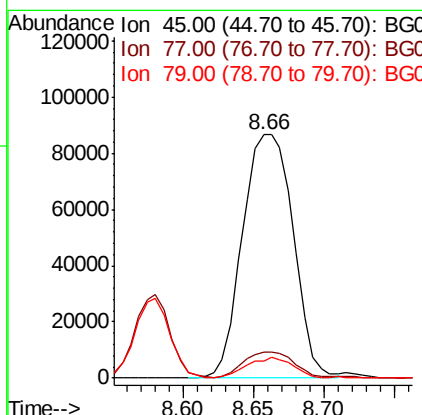
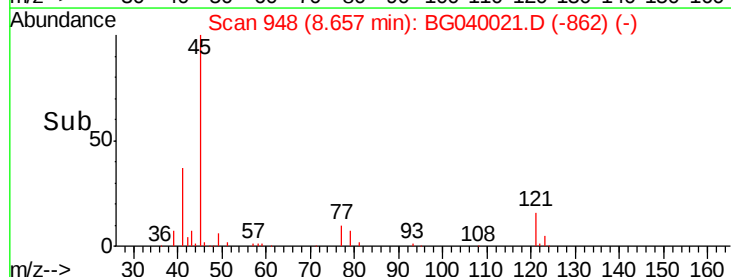
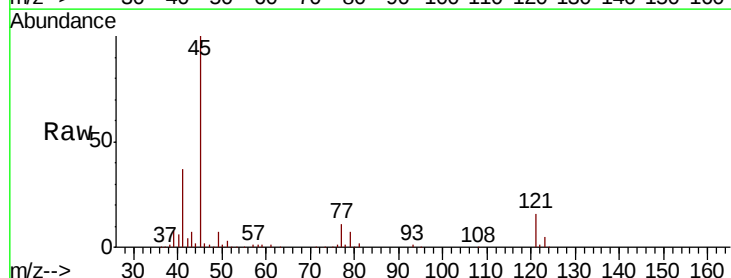
RT: 8.66 min Scan# 948

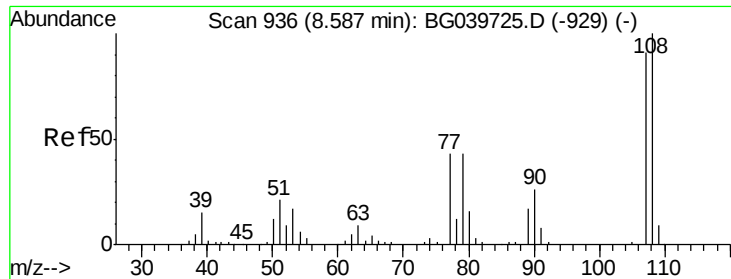
Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Tgt Ion:	45	Resp:	217755
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	30.0
79	7.2	0.0	27.5





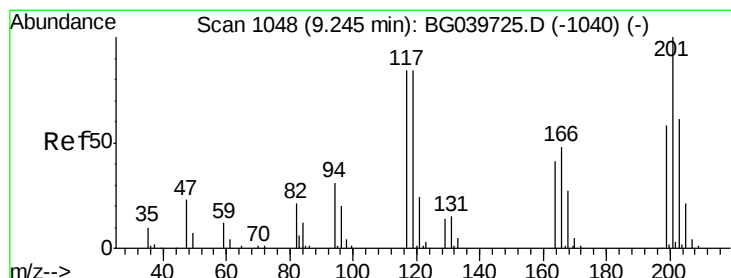
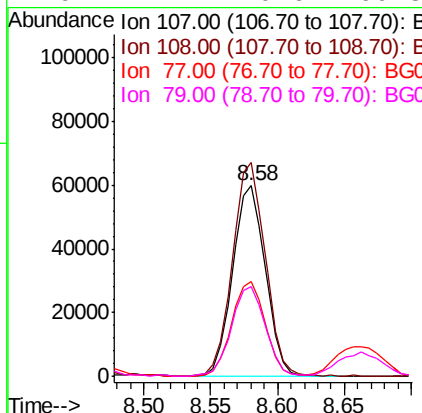
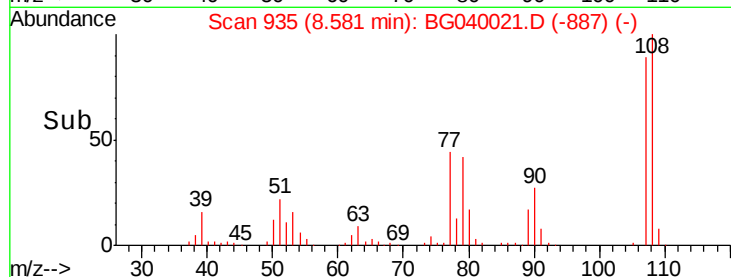
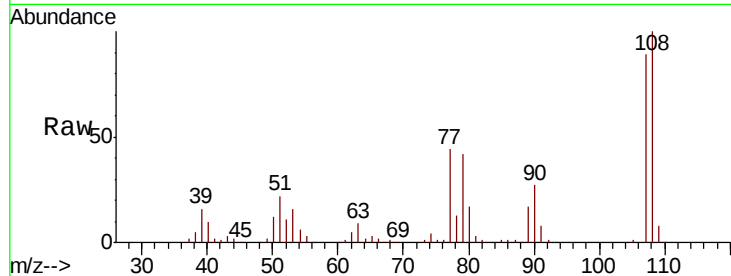
#17
2-Methylphenol
Concen: 44.046 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampled :
PB118056BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	90.8	136.2	
77	49.9	40.7	61.1	
79	47.2	40.6	60.8	

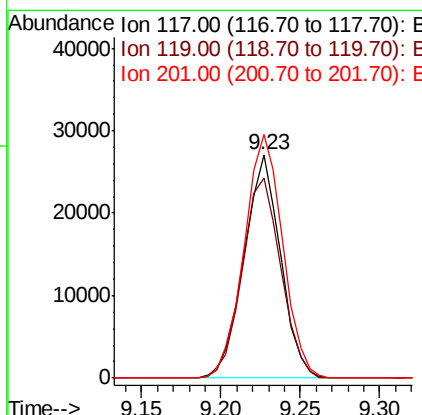
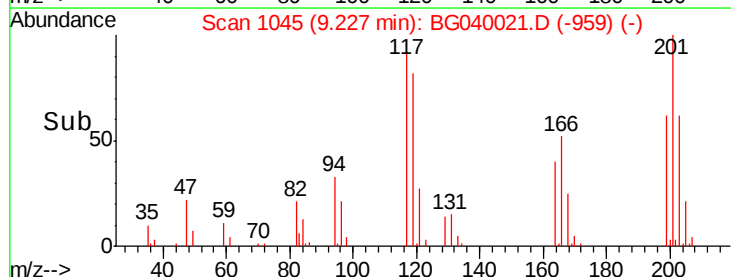
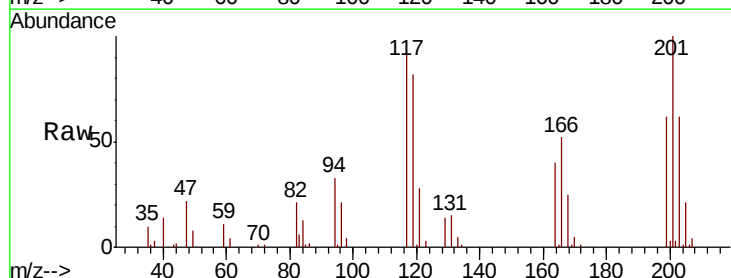
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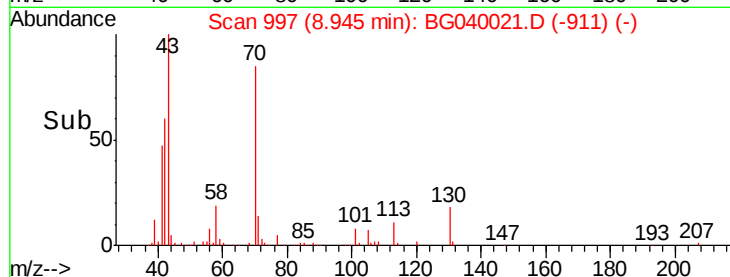
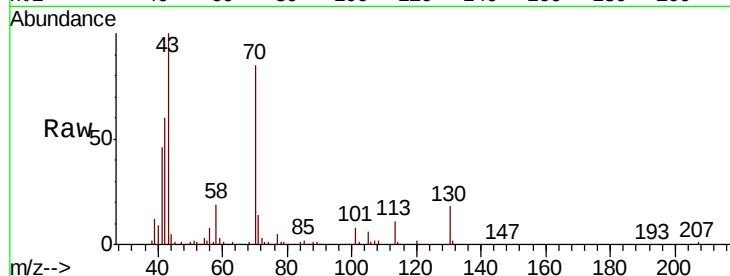
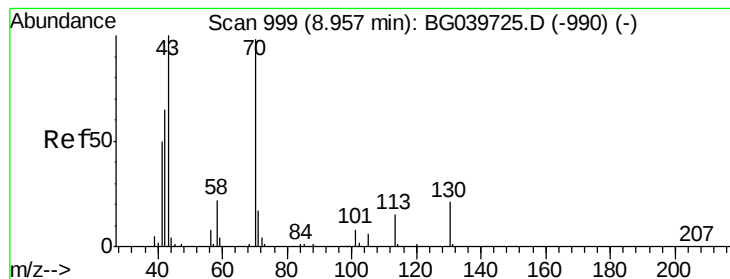
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#18
Hexachloroethane
Concen: 38.533 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.7	76.3	114.5	
201	109.1	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 39.243 ng

RT: 8.94 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

Tot Ion: 70 Resp: 94568

Ion Ratio Lower Upper

70 100

42 70.8 60.4 90.6

101 9.7 7.5 11.3

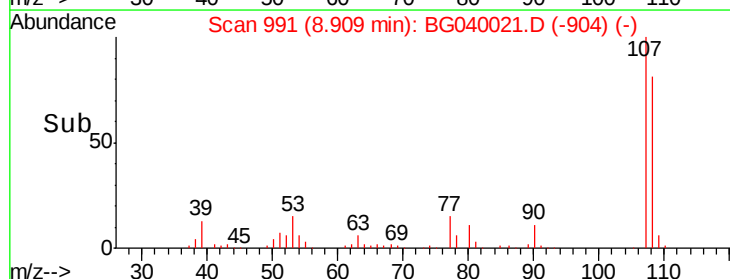
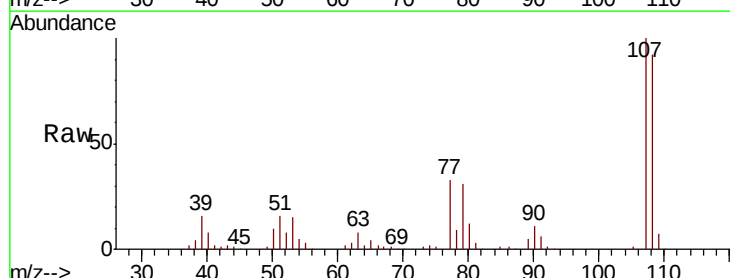
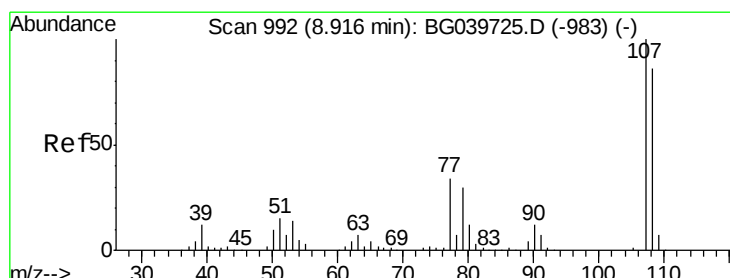
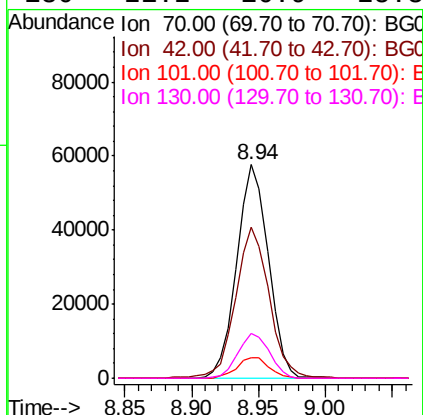
130 21.2 16.9 25.3

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#20

3+4-Methylphenols

Concen: 44.254 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Tgt Ion: 107 Resp: 142180

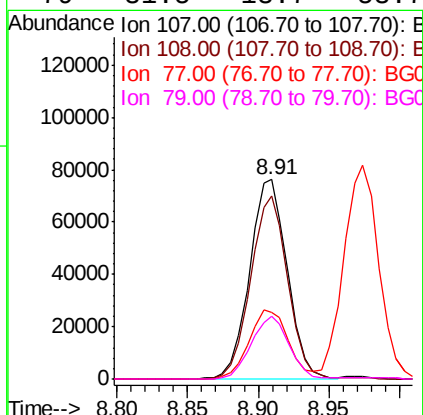
Ion Ratio Lower Upper

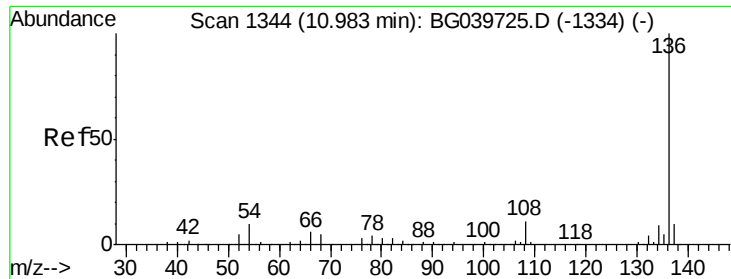
107 100

108 92.0 67.9 107.9

77 33.1 15.4 55.4

79 31.5 13.7 53.7





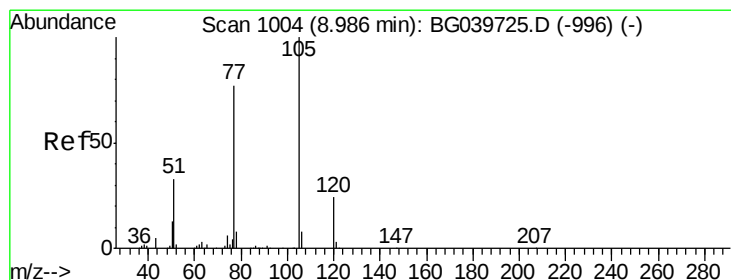
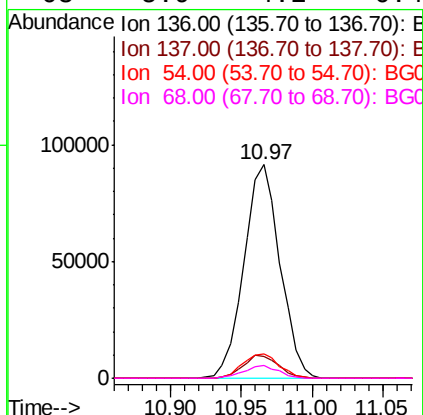
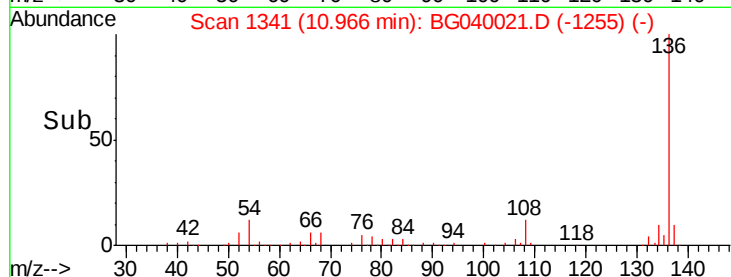
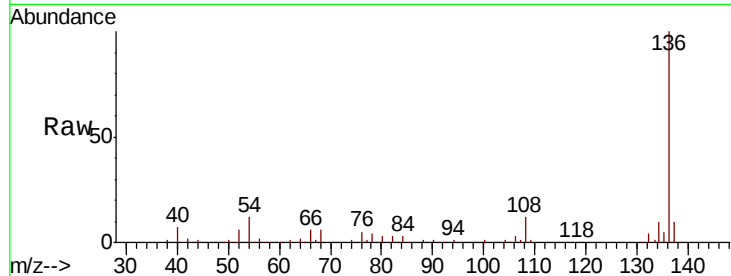
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampled :
PB118056BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.1	9.1	13.7	
54	11.5	9.4	14.2	
68	5.9	4.2	6.4	

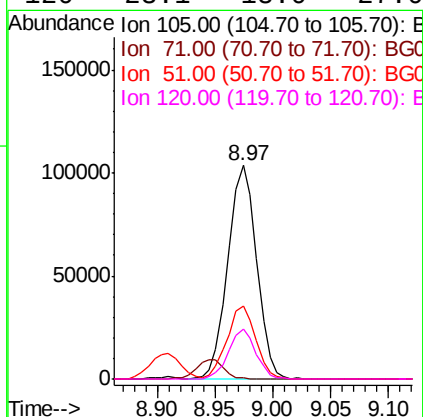
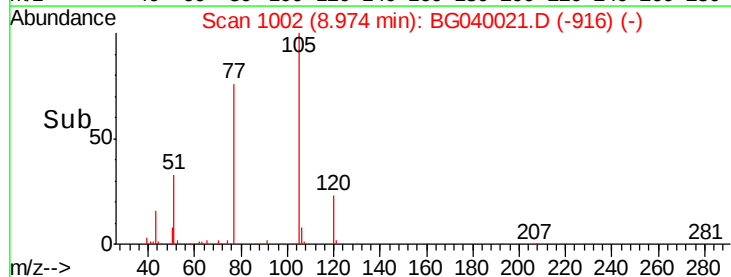
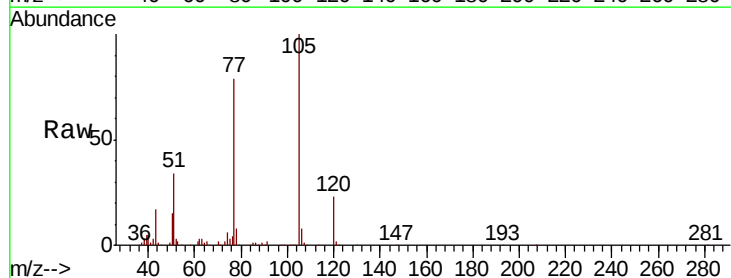
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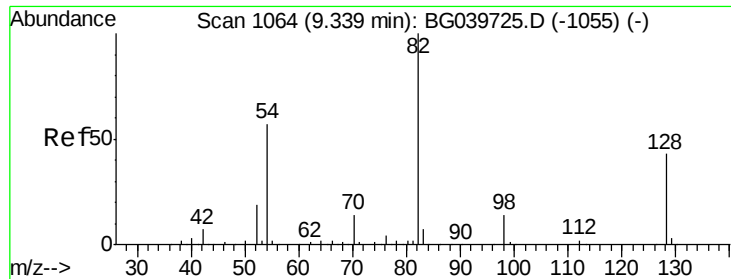
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#22
Acetophenone
Concen: 40.728 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.4	0.8	1.2#	
51	34.3	30.2	45.2	
120	23.1	18.0	27.0	





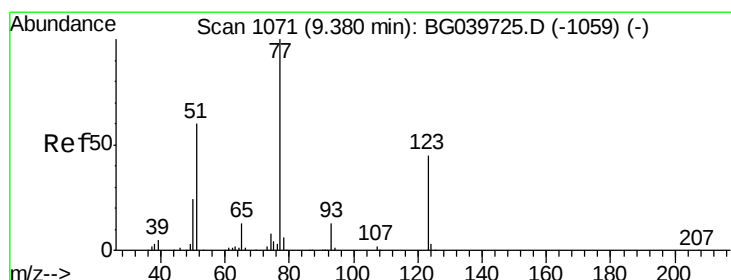
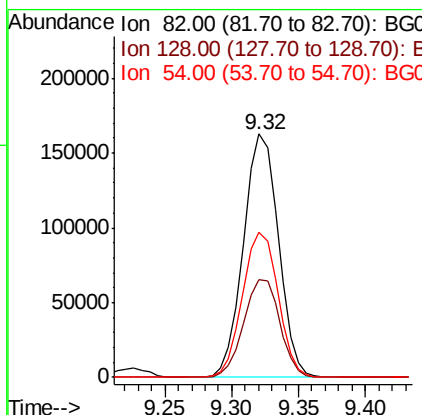
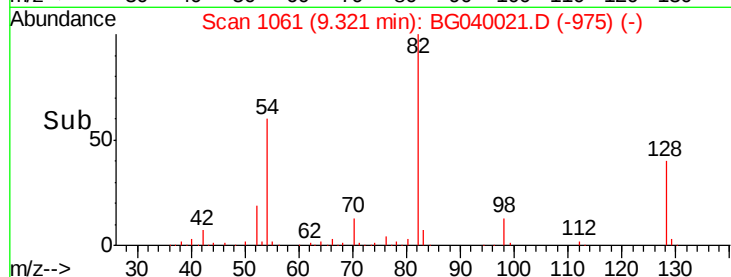
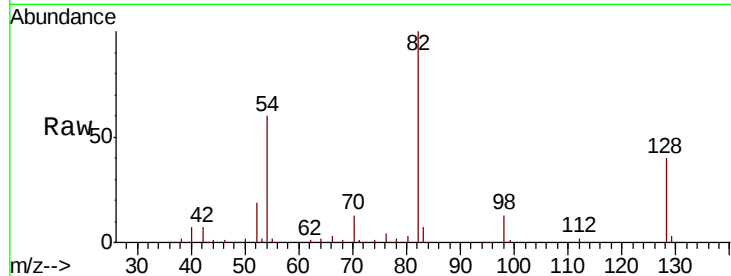
#23
Nitrobenzene-d5
Concen: 97.546 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	295129		
128	40.3	31.3	46.9	
54	59.5	50.9	76.3	

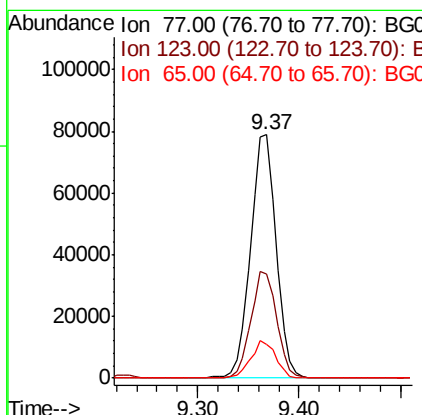
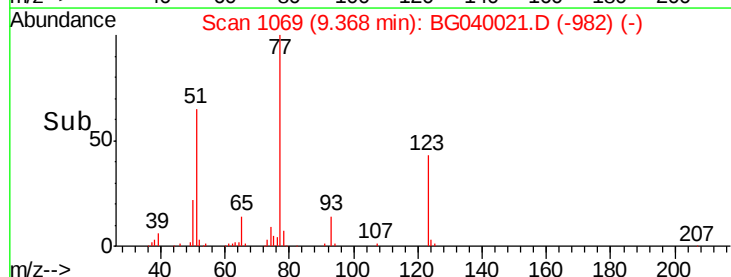
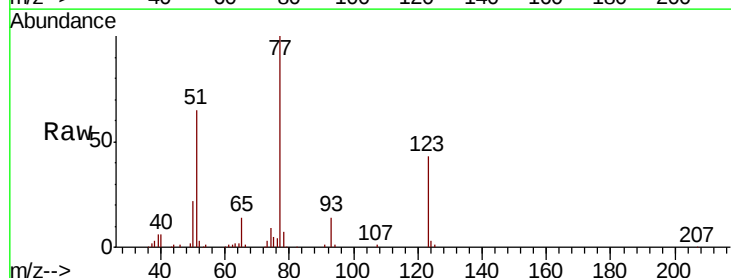
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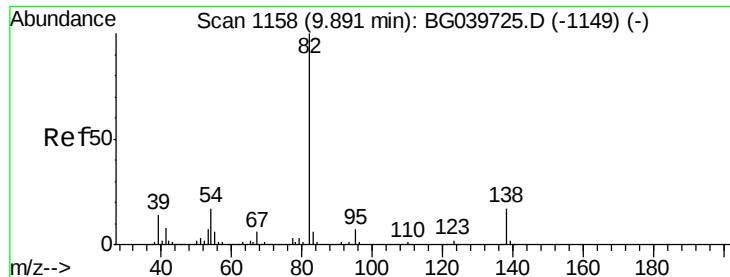
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#24
Nitrobenzene
Concen: 43.754 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	138876		
123	42.8	34.1	51.1	
65	13.8	12.3	18.5	





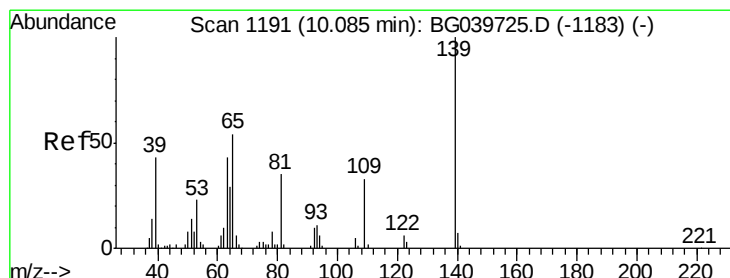
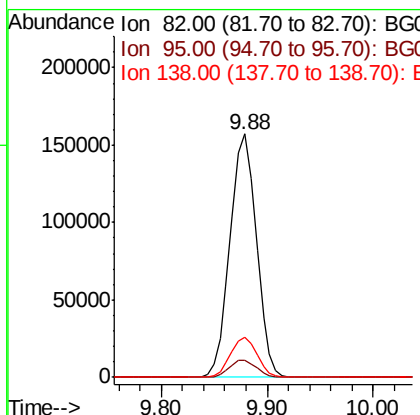
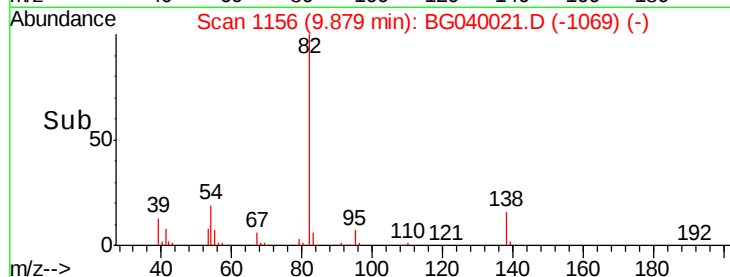
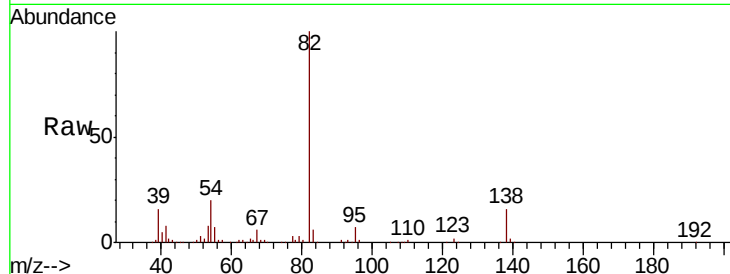
#25
Isophorone
Concen: 42.952 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	272291		
95	7.2		6.2	9.2
138	16.4		13.0	19.4

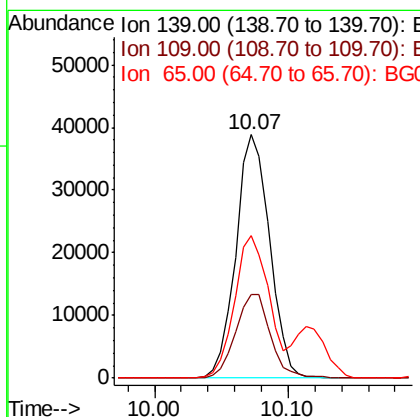
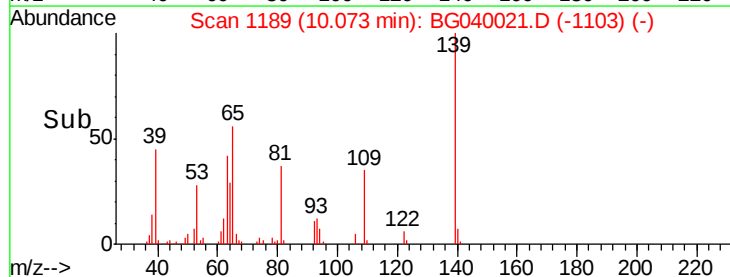
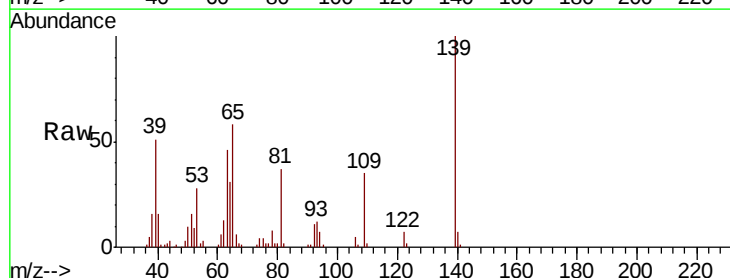
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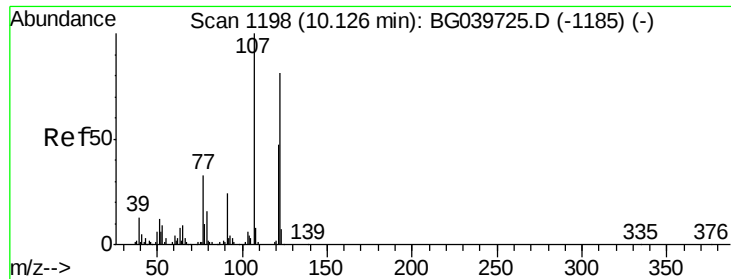
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#26
2-Nitrophenol
Concen: 44.278 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	67855		
109	34.5		23.4	35.0
65	58.3		44.3	66.5





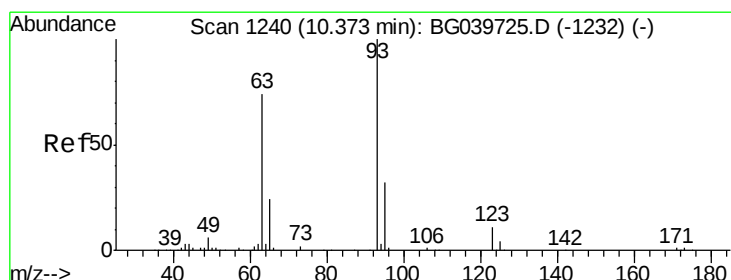
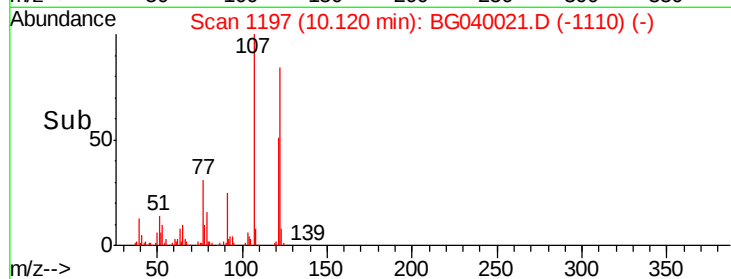
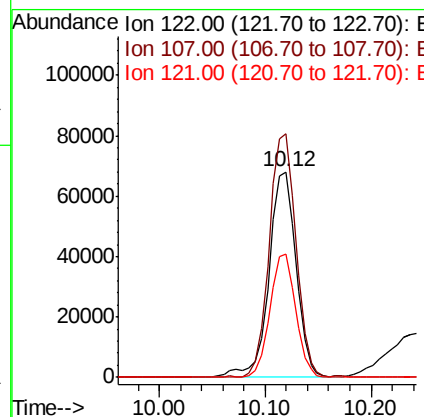
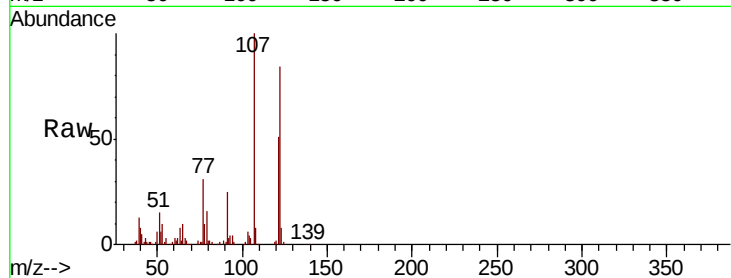
#27
2,4-Dimethylphenol
Concen: 51.149 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	121909		
107	118.6	91.7	137.5	
121	60.0	46.4	69.6	

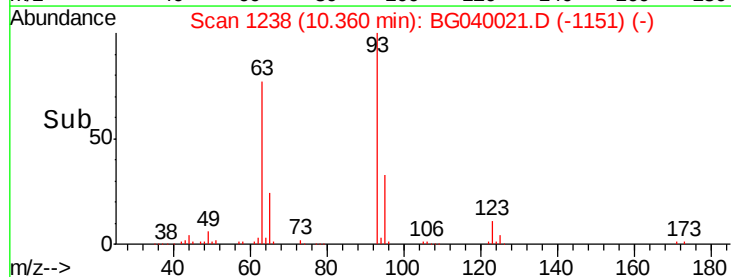
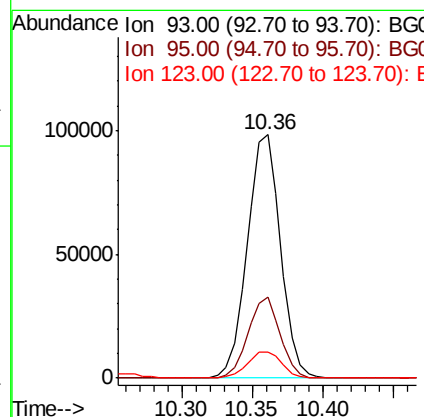
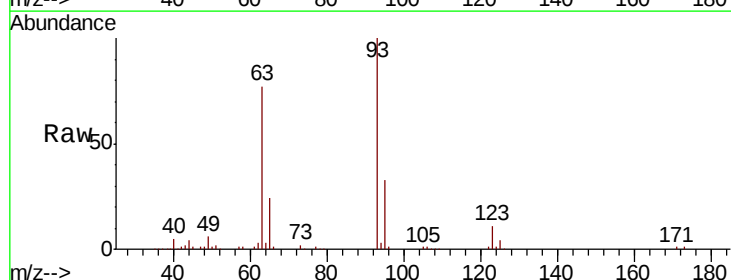
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#28
bis(2-Chloroethoxy)methane
Concen: 42.041 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	161963		
95	33.4	25.0	37.4	
123	10.7	8.6	12.8	





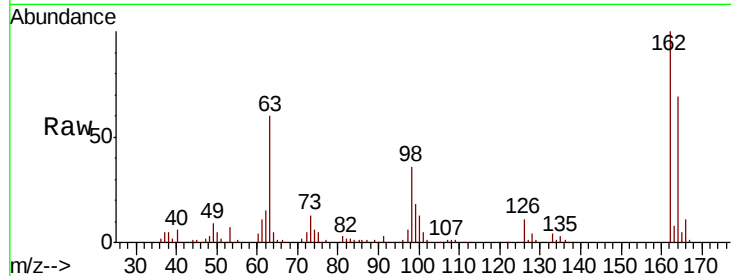
#29
 2,4-Dichlorophenol
 Concen: 47.609 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Instrument :
 BNA_G
 ClientSampleID :
 PB118056BS

Tot Ion:	162	Resp:	127756
Ion Ratio	Lower	Upper	
162	100		
164	68.9	48.1	88.1
98	36.1	18.1	58.1

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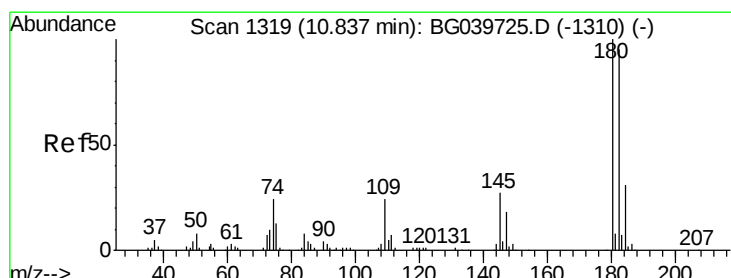
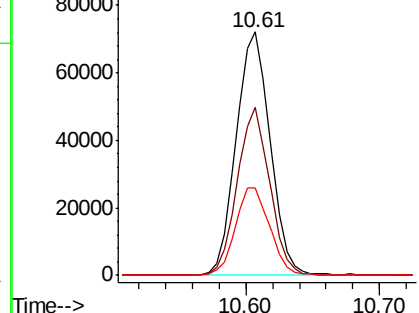
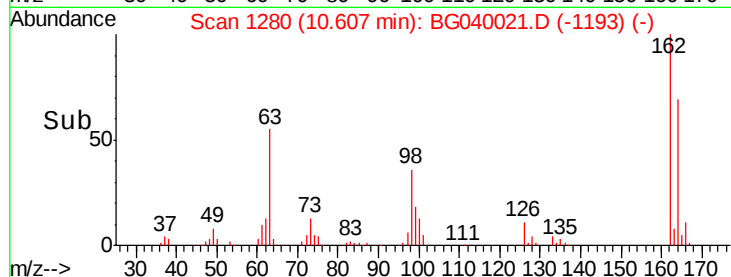


Abundance

Ion 162.00 (161.70 to 162.70): E

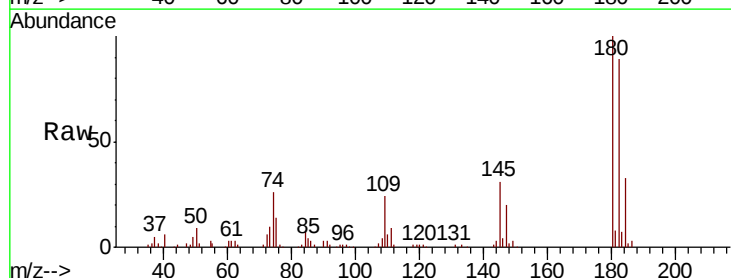
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 41.989 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Tgt Ion:	180	Resp:	126789
Ion Ratio	Lower	Upper	
180	100		
182	89.4	76.0	114.0
145	30.5	22.7	34.1

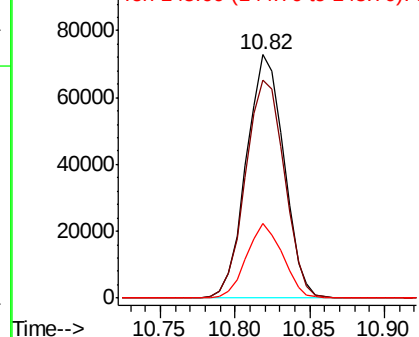
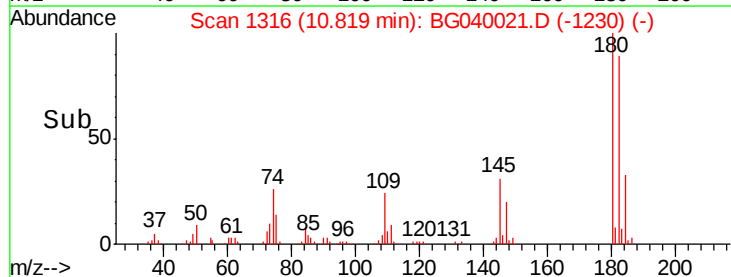


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





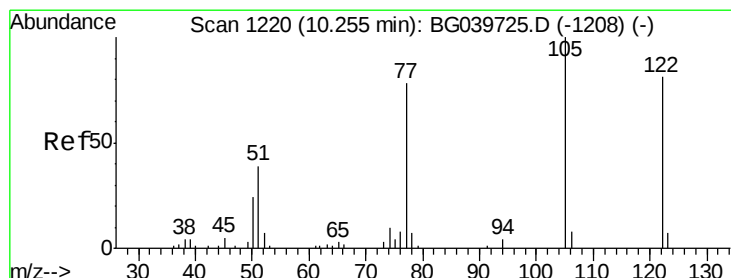
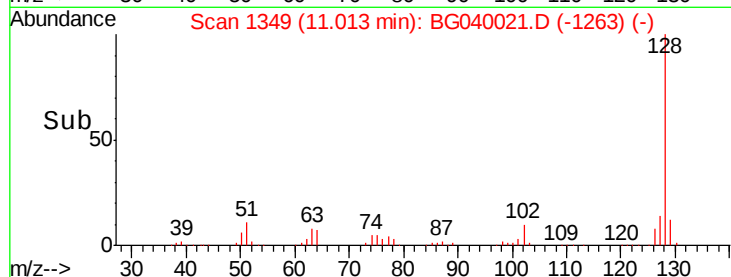
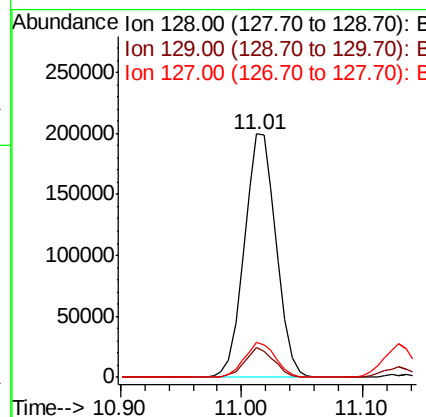
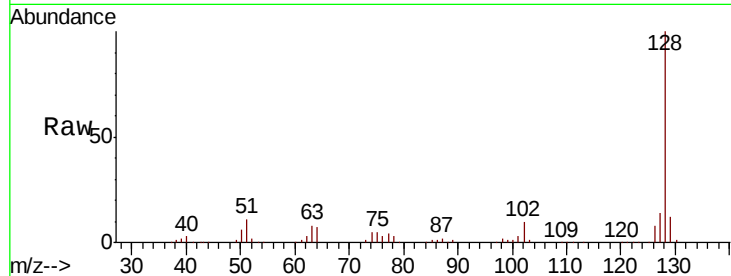
#31
Naphthalene
Concen: 42.060 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampled :
PB118056BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.7	13.1
127	14.4	10.8	16.2

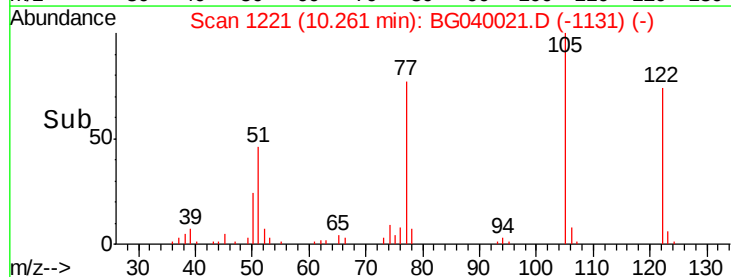
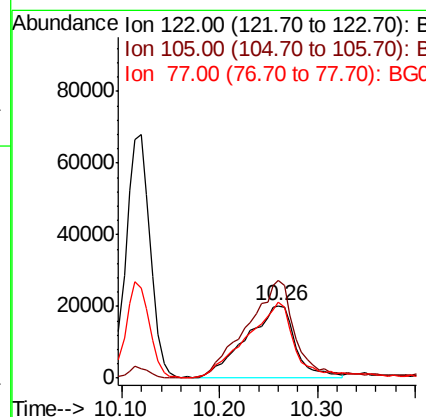
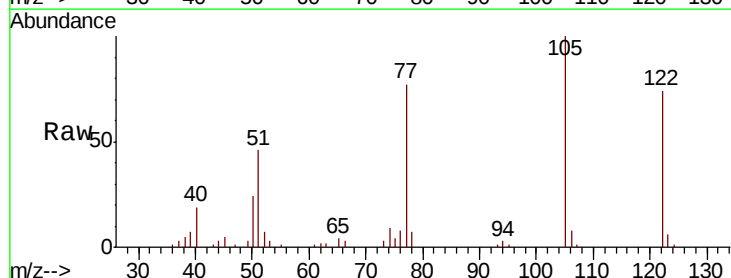
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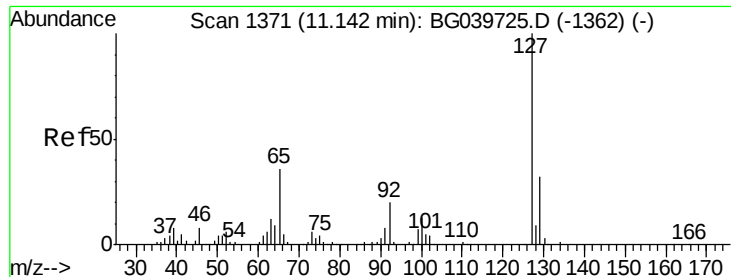
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#32
Benzoic acid
Concen: 43.677 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.7	101.8	141.8
77	104.4	76.3	116.3





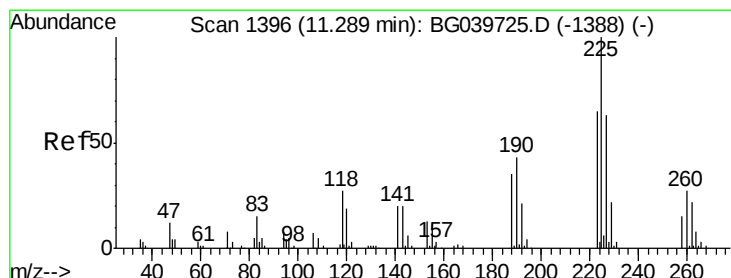
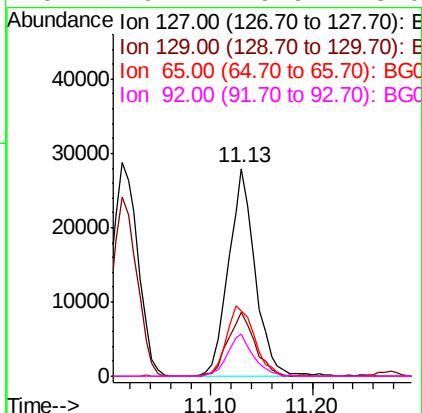
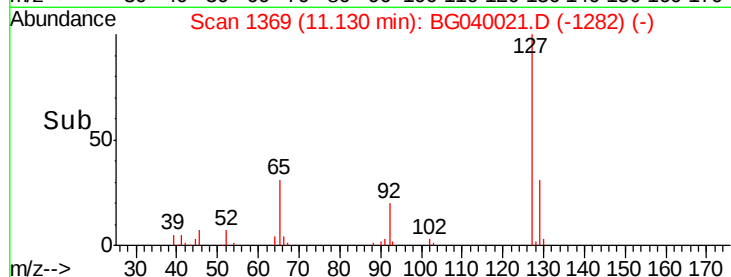
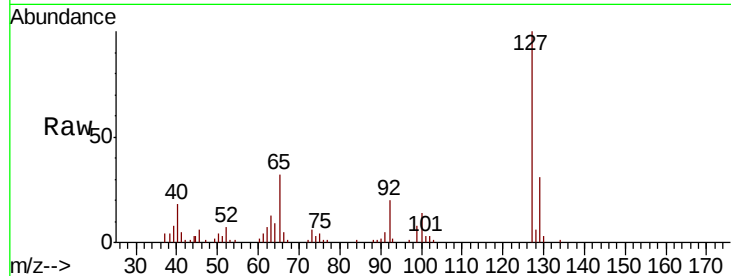
#33
4-Chloroaniline
Concen: 13.886 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.9	27.0	40.4
65	31.8	28.8	43.2
92	20.1	16.6	25.0

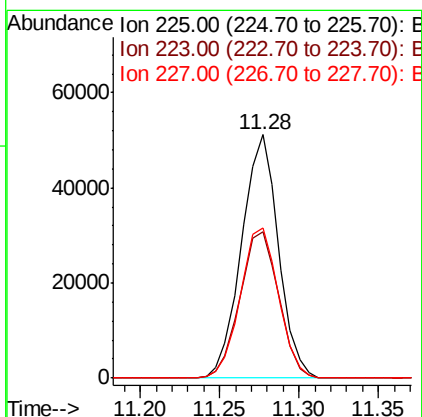
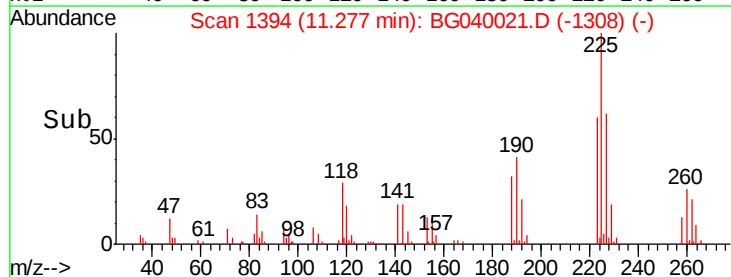
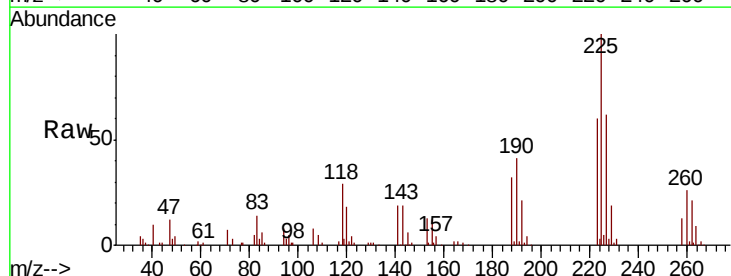
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#34
Hexachlorobutadiene
Concen: 39.997 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.9	49.0	73.6
227	61.6	46.3	69.5





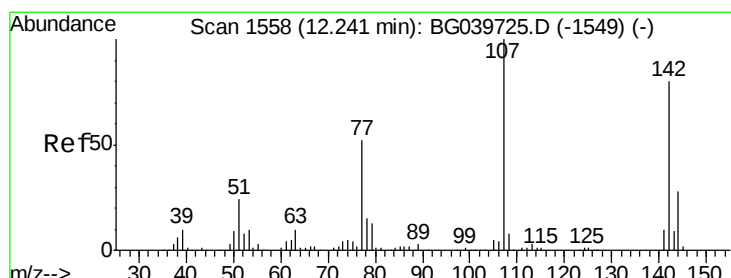
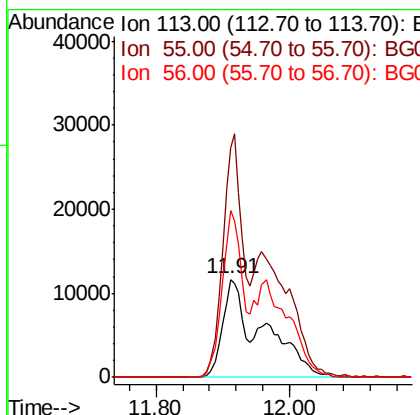
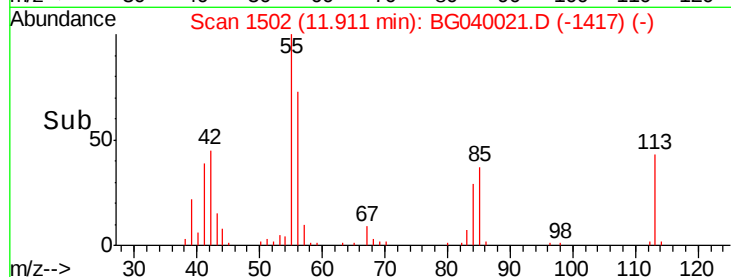
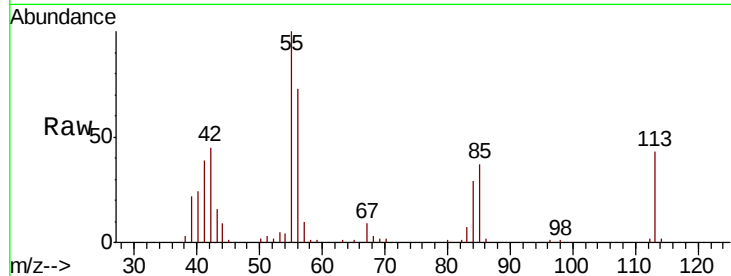
#35
Caprolactam
Concen: 47.136 ng/ml
RT: 11.91 min Scan# 1502
Delta R.T. -0.03 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	233.4	216.9	256.9
56	169.9	152.6	192.6

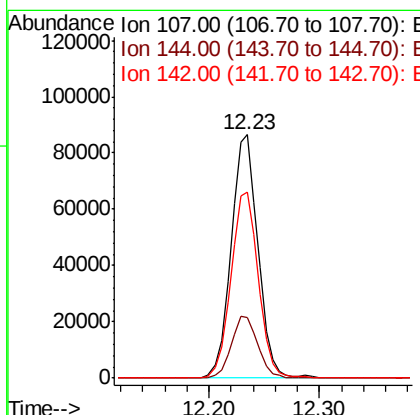
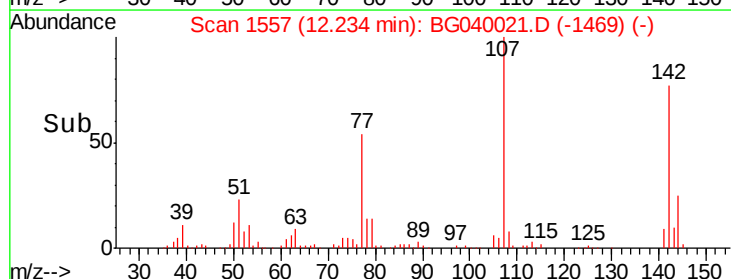
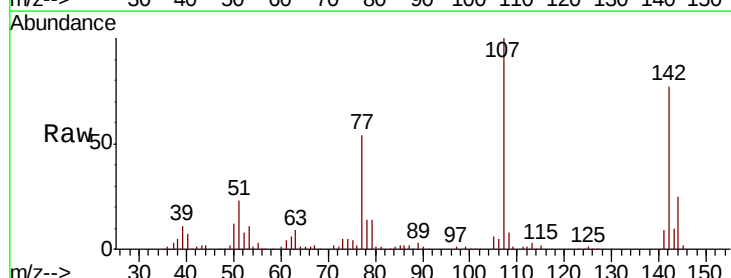
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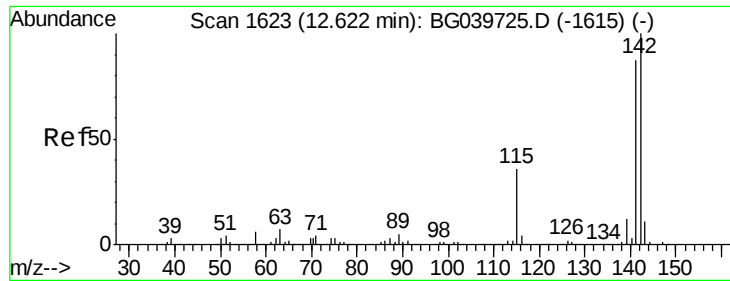
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#36
4-Chloro-3-methylphenol
Concen: 47.942 ng/ml
RT: 12.23 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	20.2	30.2
142	76.5	61.4	92.2





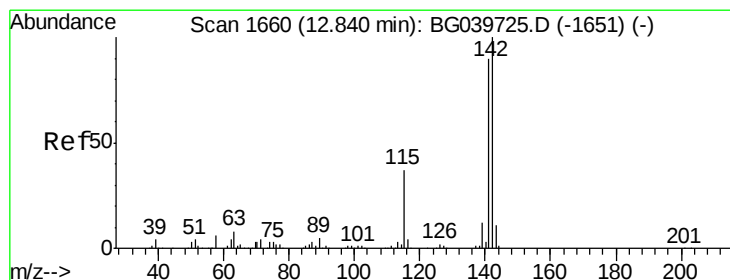
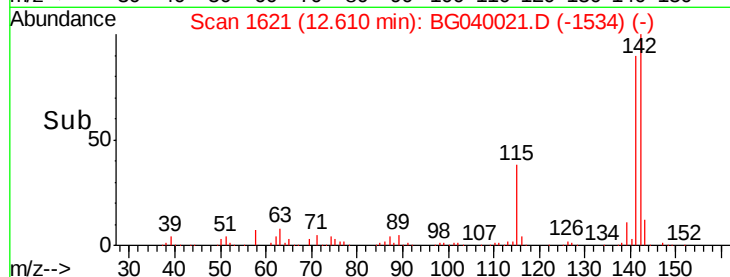
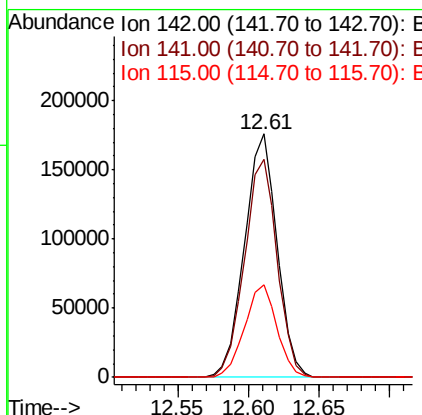
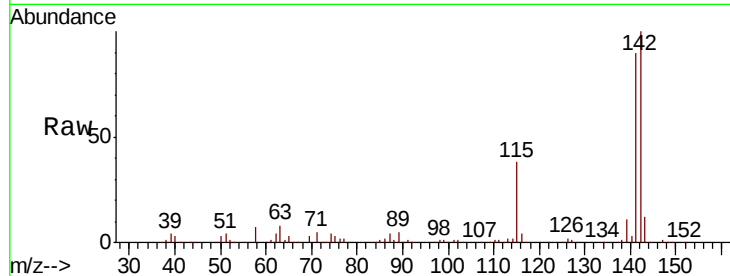
#37
2-Methylnaphthalene
Concen: 43.845 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.5	110.3
115	38.2	30.8	46.2

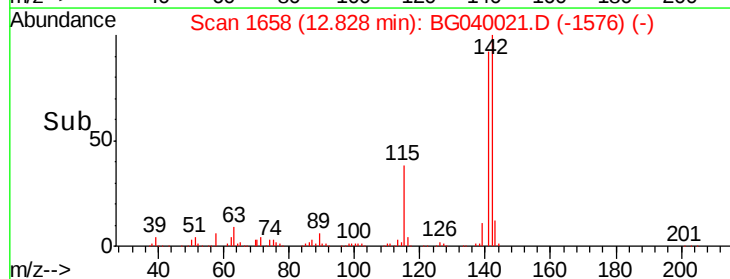
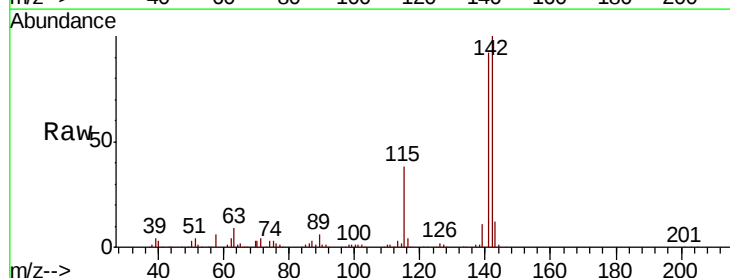
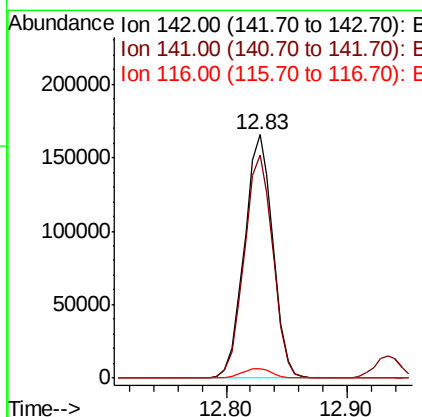
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#38
1-Methylnaphthalene
Concen: 43.069 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.2	111.4
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

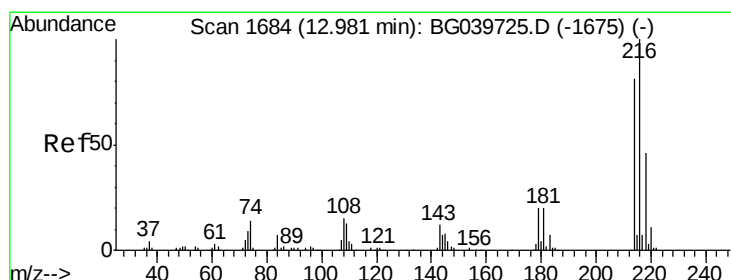
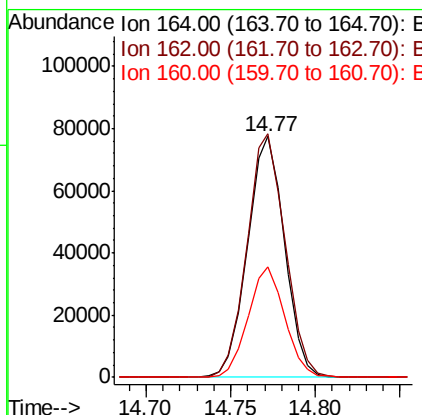
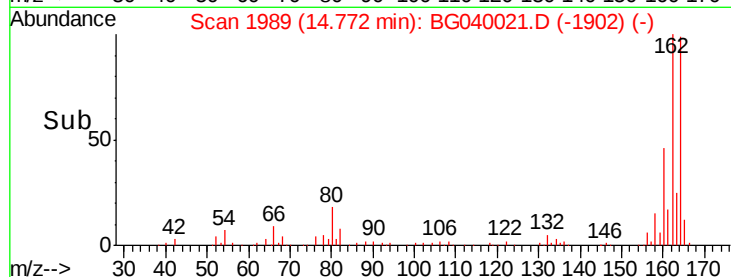
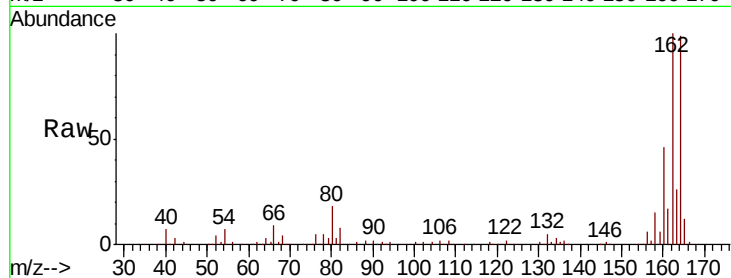
ClientSampleId :

PB118056BS

Tot Ion:	164	Resp:	117879
Ion Ratio	Lower	Upper	
164	100		
162	101.2	81.6	122.4
160	46.1	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.833 ng

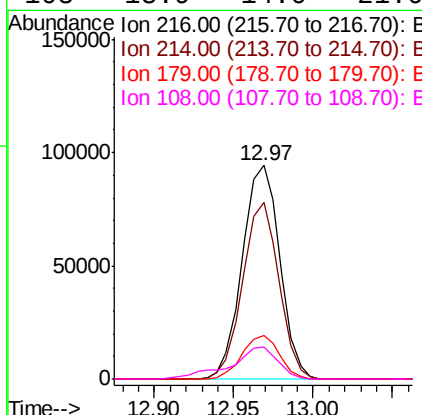
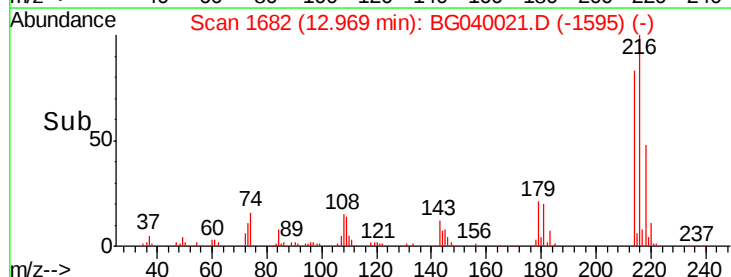
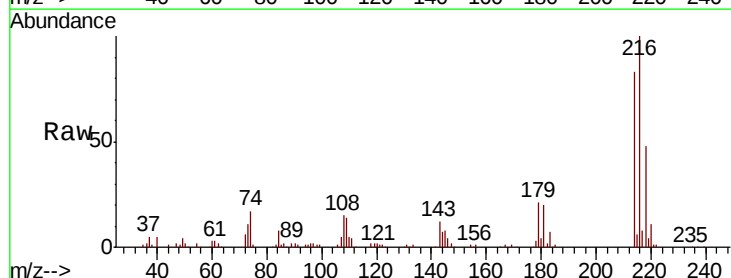
RT: 12.97 min Scan# 1682

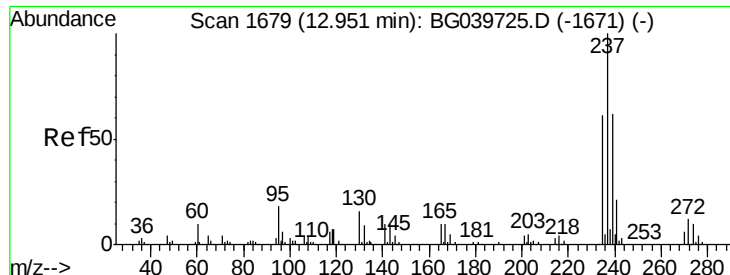
Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Tgt Ion:	216	Resp:	155077
Ion Ratio	Lower	Upper	
216	100		
214	79.8	62.6	94.0
179	20.5	16.6	25.0
108	18.9	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 99.016 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

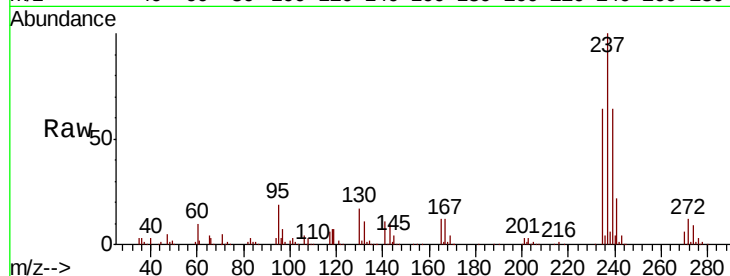
ClientSampleId :

PB118056BS

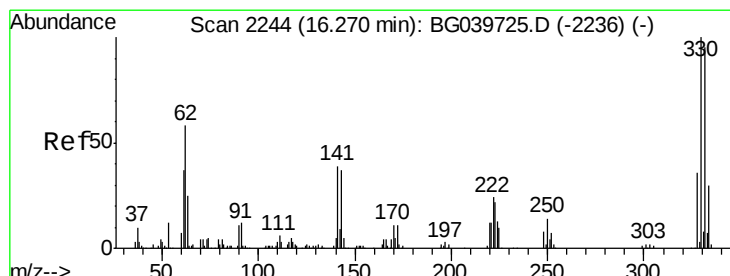
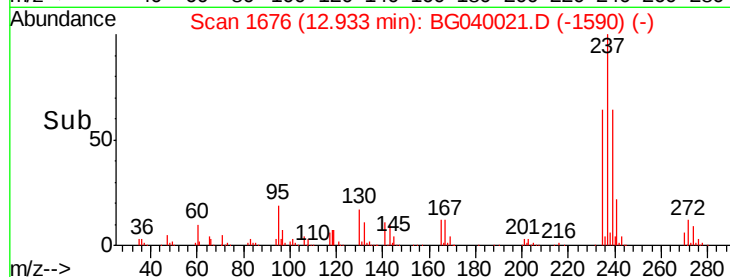
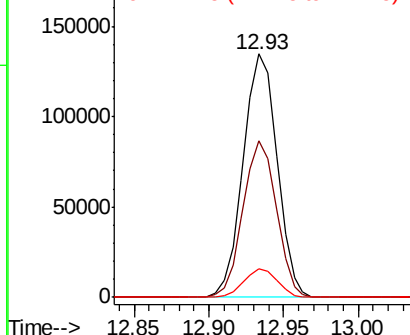
Tot Ion:	237	Resp:	211905
Ion Ratio	Lower	Upper	
237	100		
235	64.4	43.3	83.3
272	11.7	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 152.273 ng

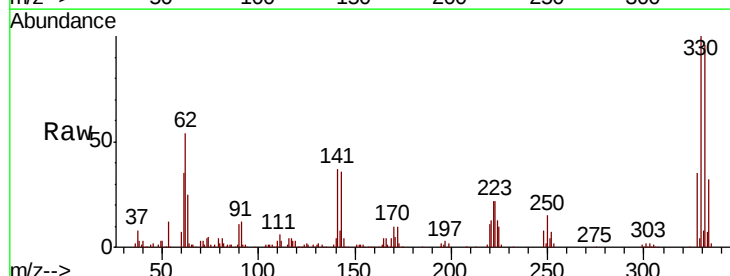
RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

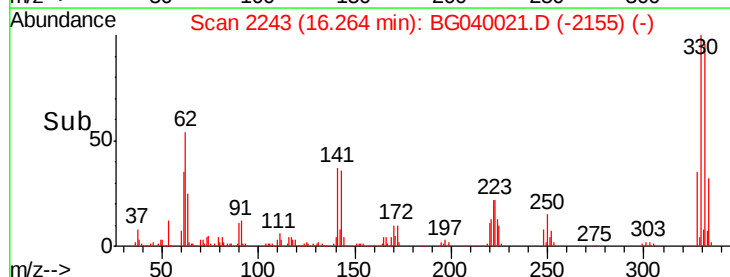
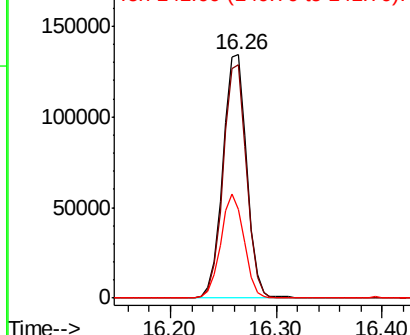
Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Tgt Ion:	330	Resp:	209218
Ion Ratio	Lower	Upper	
330	100		
332	94.3	75.7	113.5
141	41.9	35.6	53.4



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





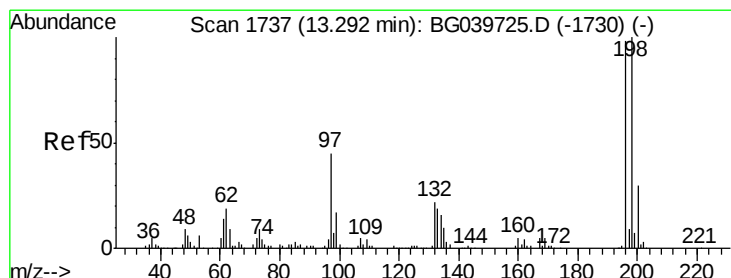
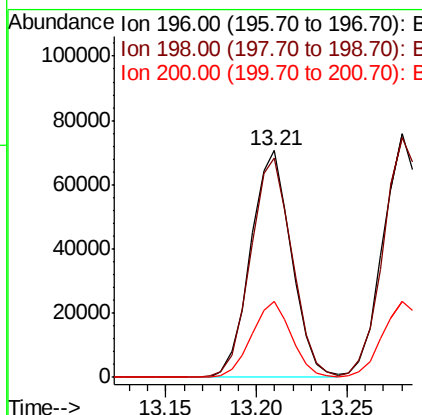
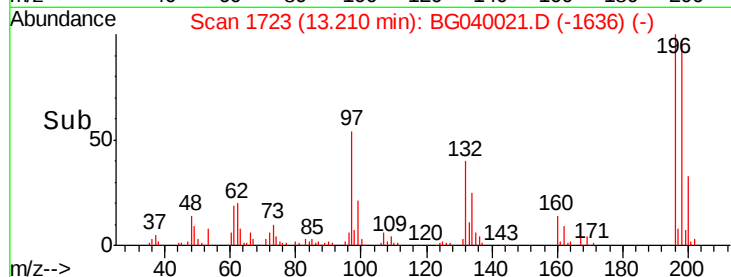
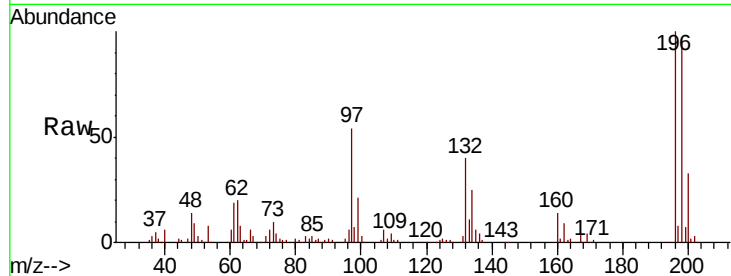
#43
 2,4,6-Trichlorophenol
 Concen: 47.092 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Instrument :
 BNA_G
 ClientSampled :
 PB118056BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	110101		
198	96.8	80.6	121.0	
200	33.2	26.1	39.1	

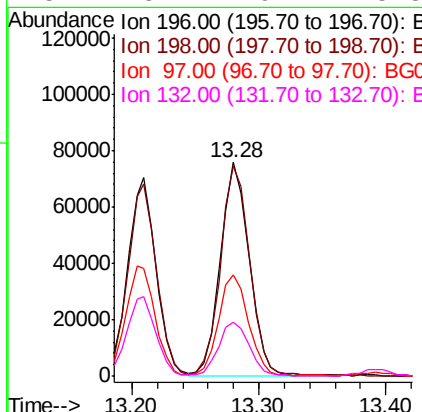
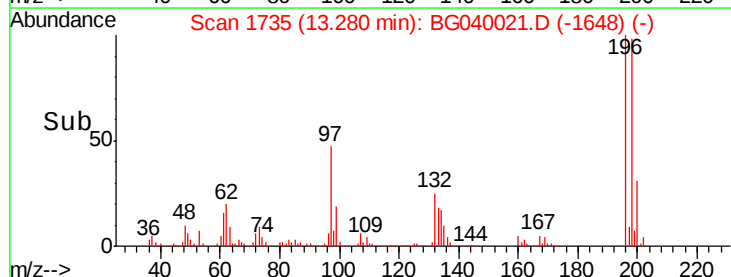
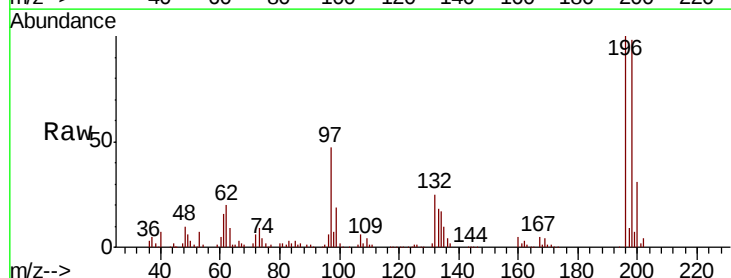
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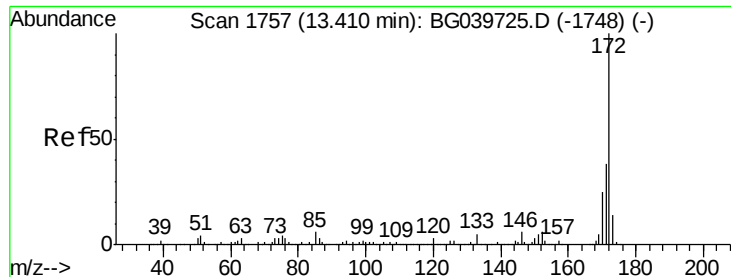
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 45.299 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	119377		
198	98.3	78.5	117.7	
97	47.1	38.4	57.6	
132	25.4	19.2	28.8	





#45

2-Fluorobiphenyl

Concen: 88.166 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

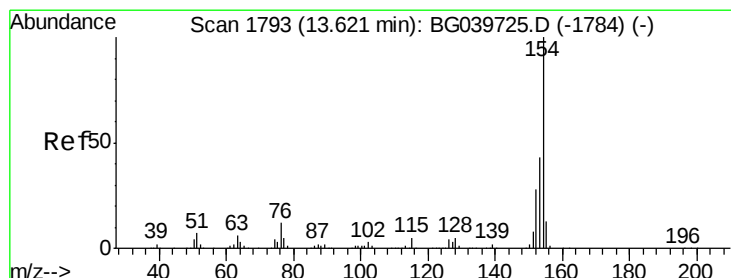
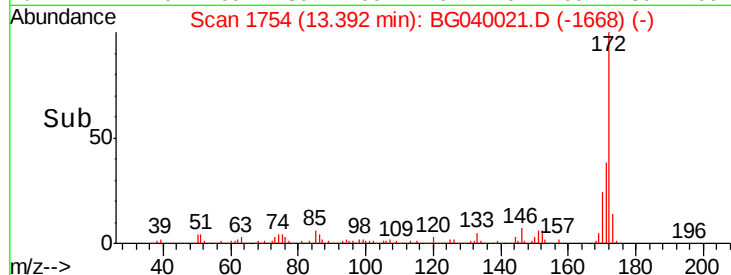
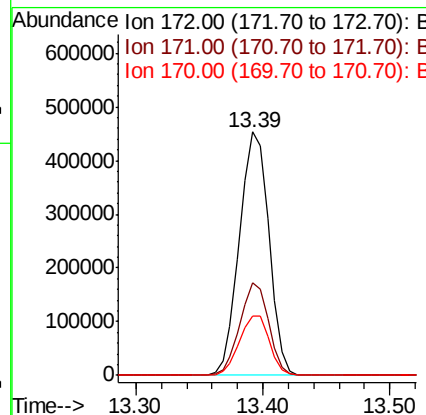
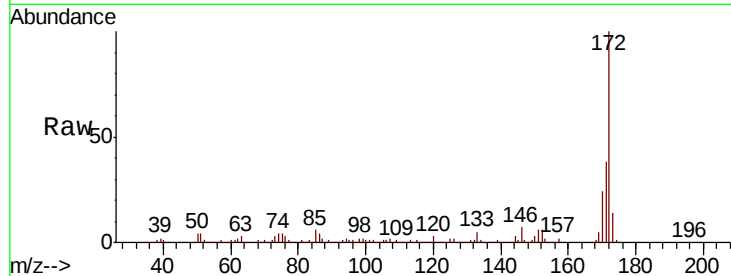
ClientSampleId :

PB118056BS

Tot Ion:172	Resp:	729931
Ion Ratio	Lower	Upper
172 100		
171 38.1	30.8	46.2
170 24.3	20.2	30.4

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#46

1,1'-Biphenyl

Concen: 40.074 ng

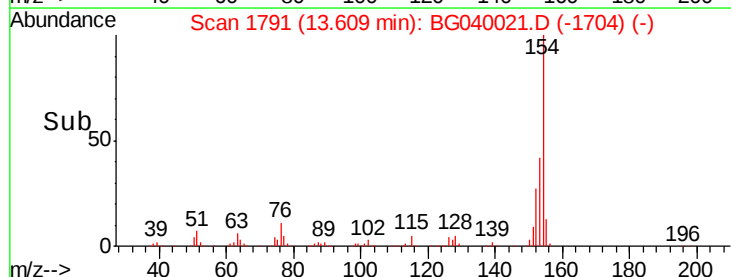
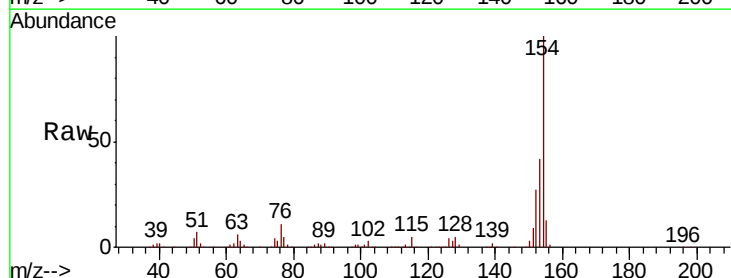
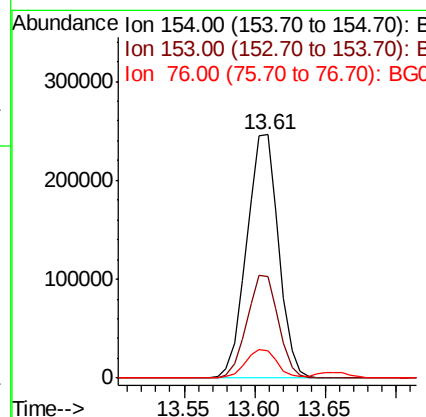
RT: 13.61 min Scan# 1791

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Tgt Ion:154	Resp:	388536
Ion Ratio	Lower	Upper
154 100		
153 41.6	22.1	62.1
76 11.4	0.0	32.4





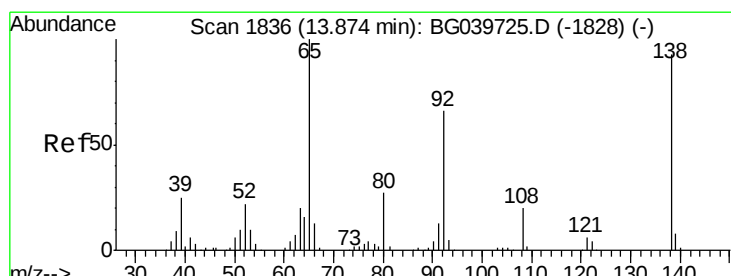
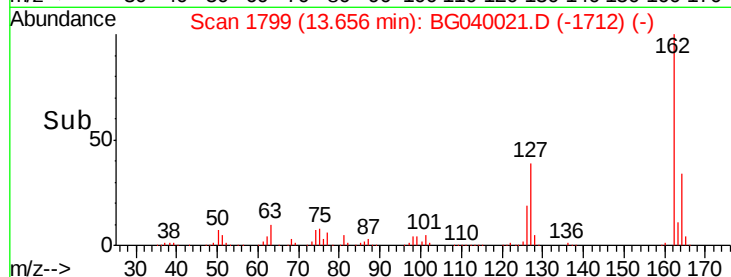
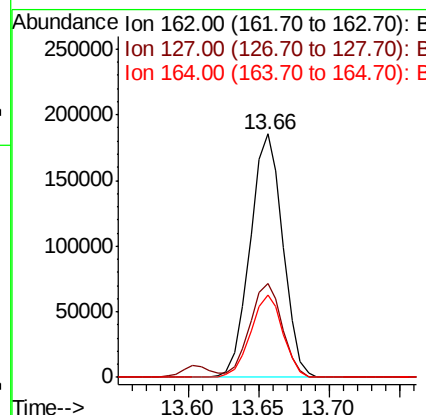
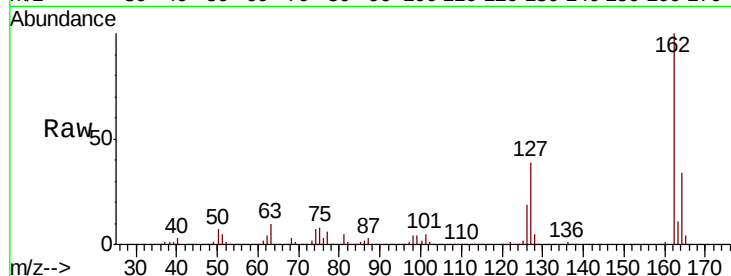
#47
 2-Chloronaphthalene
 Concen: 41.233 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Instrument :
 BNA_G
 ClientSampleID :
 PB118056BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.0	46.6
164	33.8	25.7	38.5

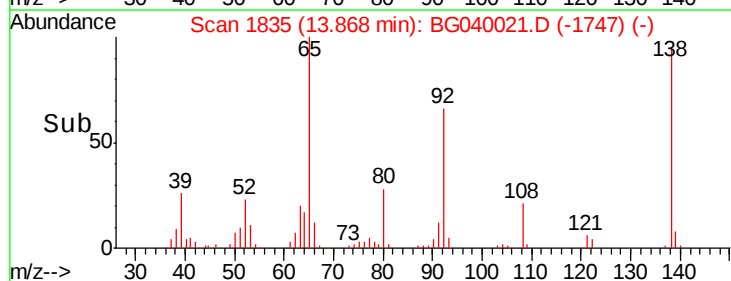
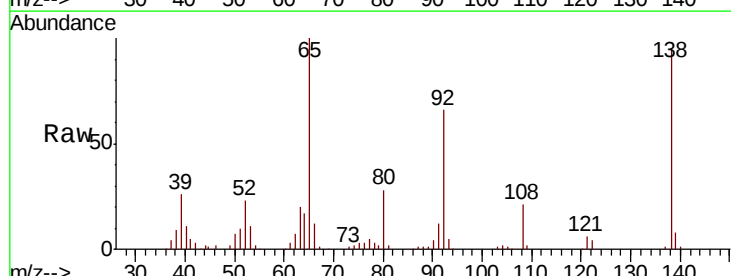
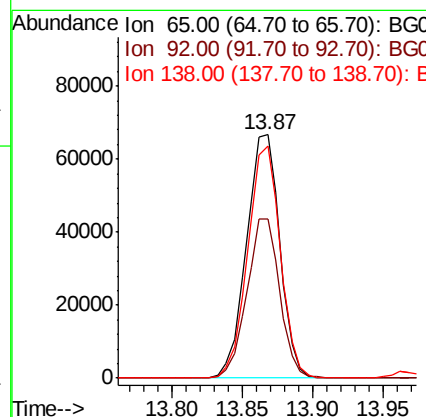
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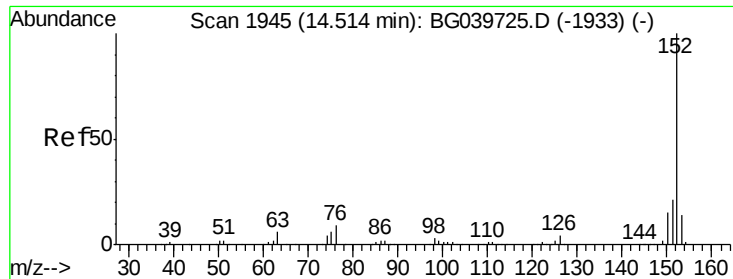
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#48
 2-Nitroaniline
 Concen: 47.106 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	51.4	77.2
138	95.2	71.4	107.2





#49

Acenaphthylene

Concen: 41.328 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

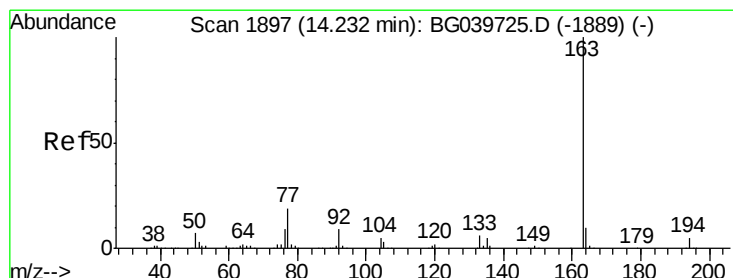
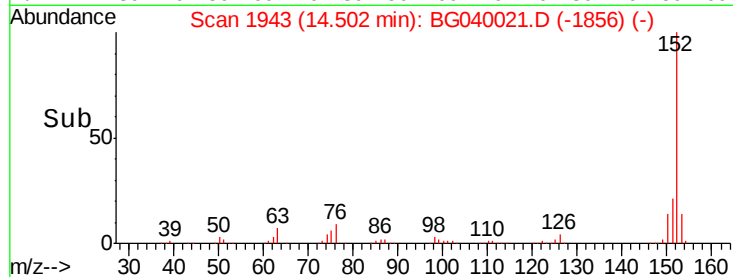
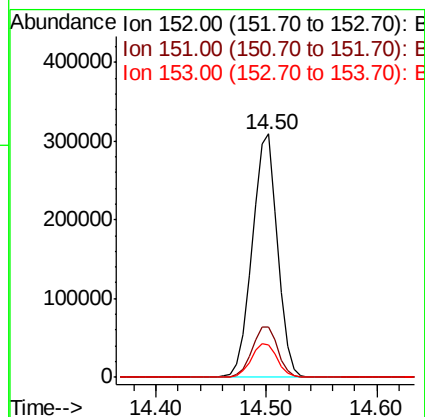
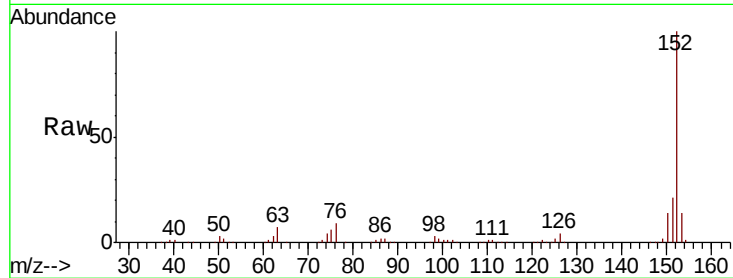
ClientSampleId :

PB118056BS

Tot Ion:	152	Resp:	494838
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.8	25.2
153	13.5	11.7	17.5

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#50

Dimethylphthalate

Concen: 43.227 ng

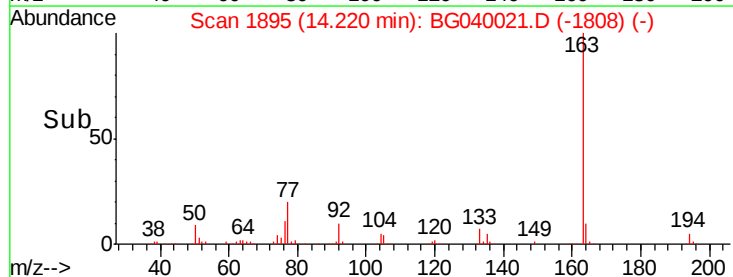
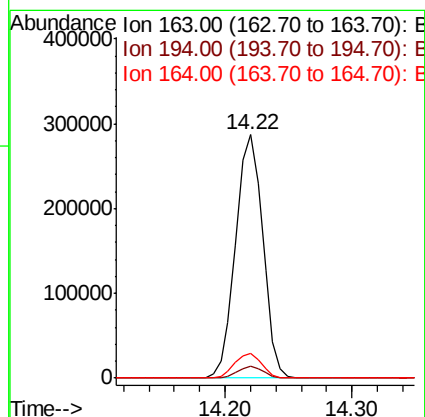
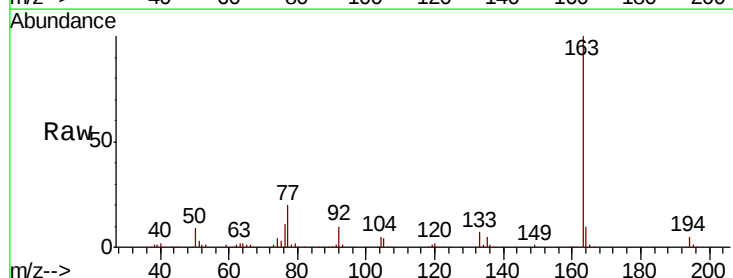
RT: 14.22 min Scan# 1895

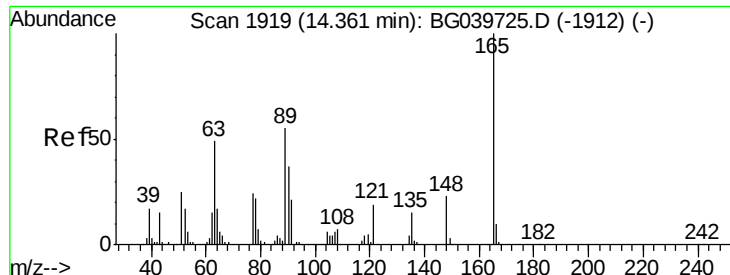
Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Tgt Ion:	163	Resp:	426082
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.6	5.4
164	10.4	8.4	12.6





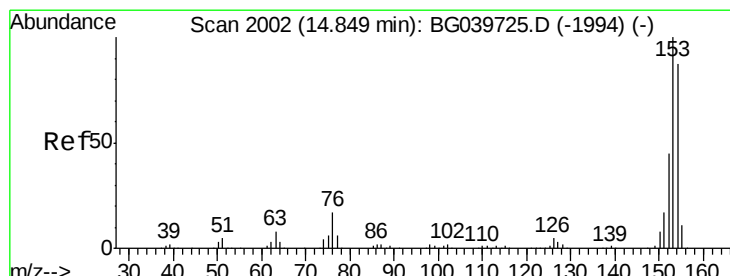
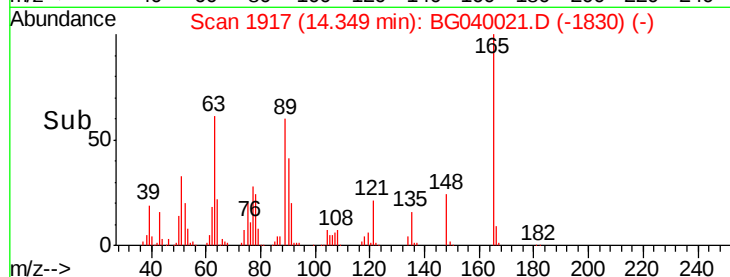
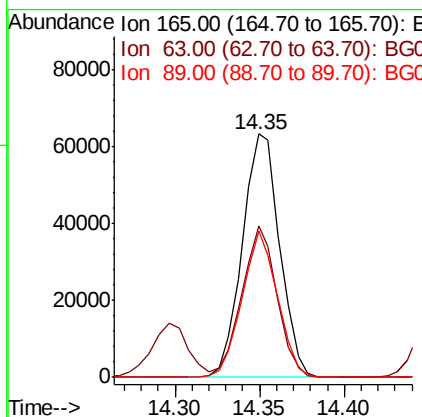
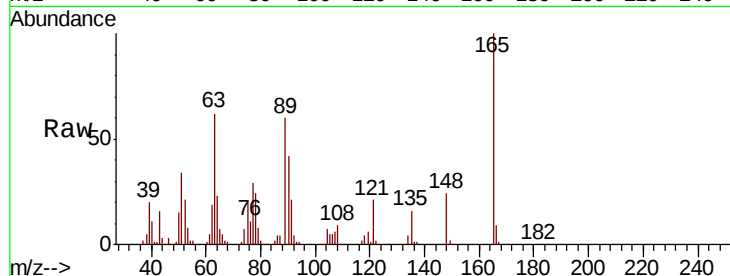
#51
2,6-Dinitrotoluene
Concen: 46.577 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	97328		
63	62.0		47.0	70.6
89	60.3		45.8	68.8

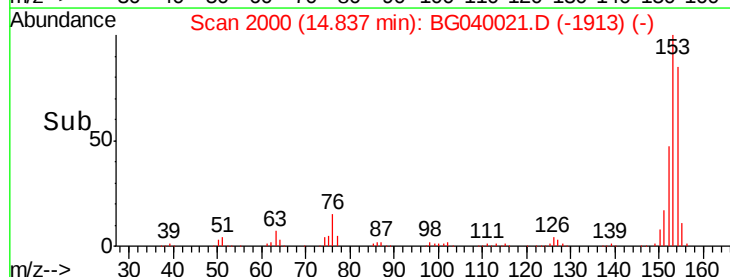
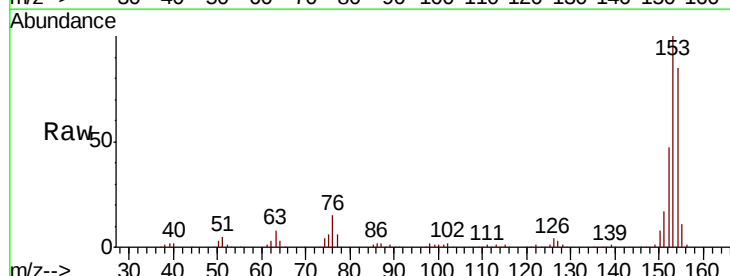
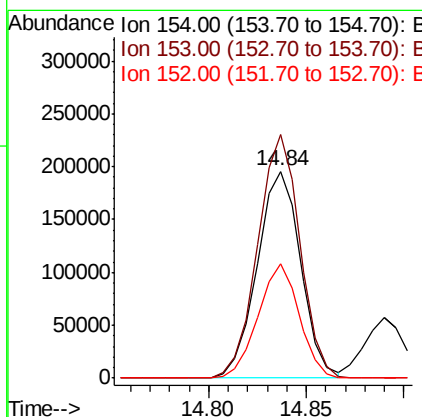
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#52
Acenaphthene
Concen: 41.837 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	301501		
153	117.8		90.1	135.1
152	55.1		40.9	61.3





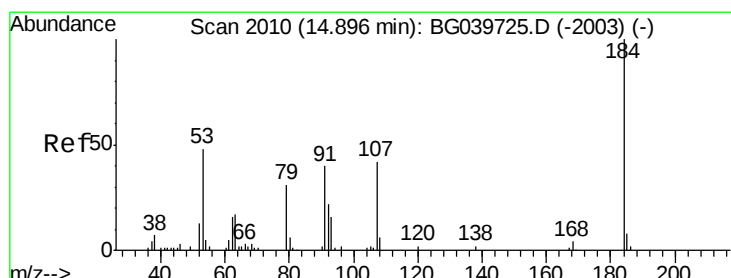
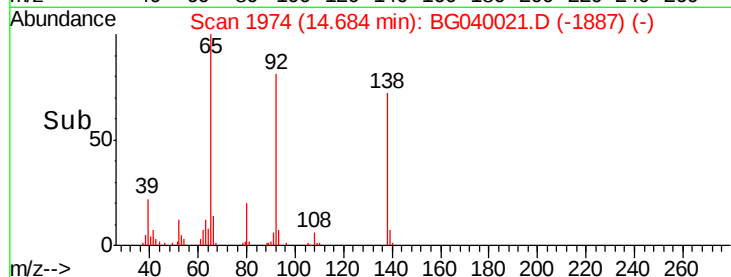
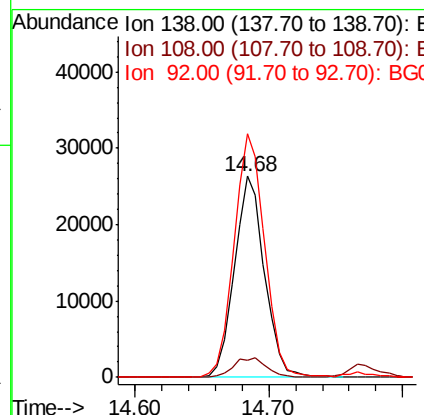
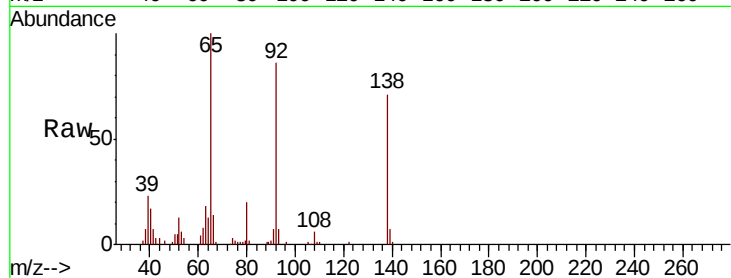
#53
3-Nitroaniline
Concen: 19.638 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.5	13.8	20.8#
92	121.0	103.7	155.5

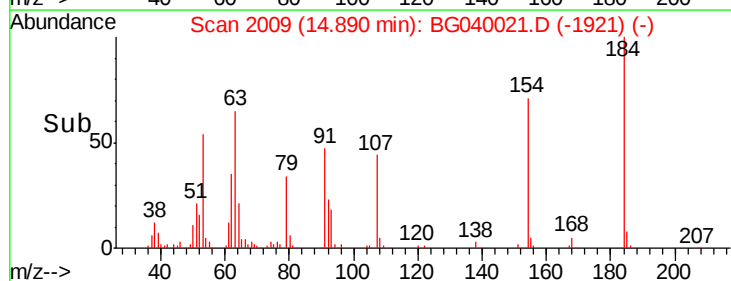
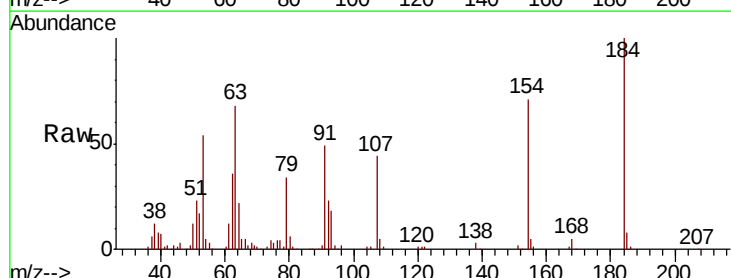
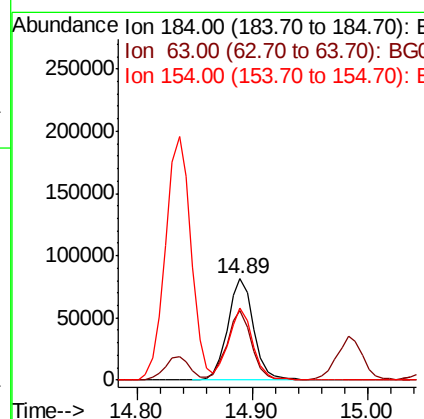
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#54
2,4-Dinitrophenol
Concen: 95.169 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.1	50.9	76.3
154	70.9	53.0	79.6





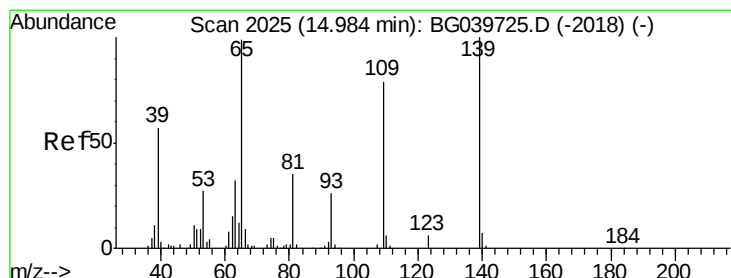
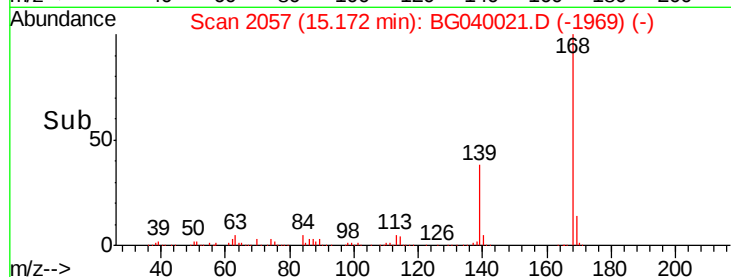
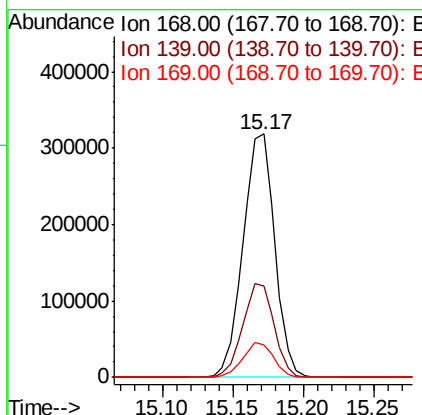
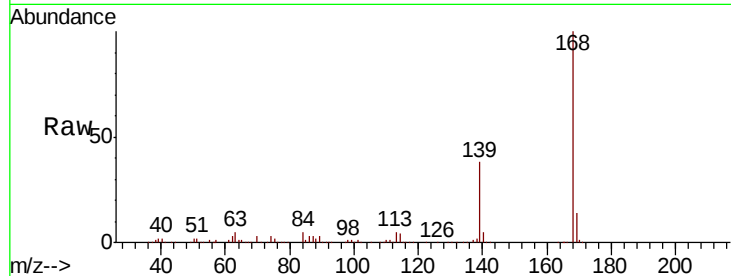
#55
Dibenzenofuran
Concen: 42.209 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	499068		
139	37.7	30.1	45.1	
169	13.5	10.6	16.0	

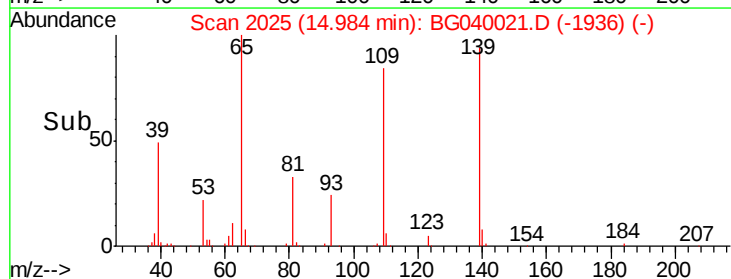
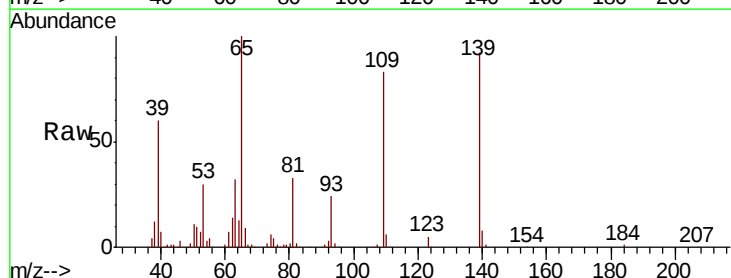
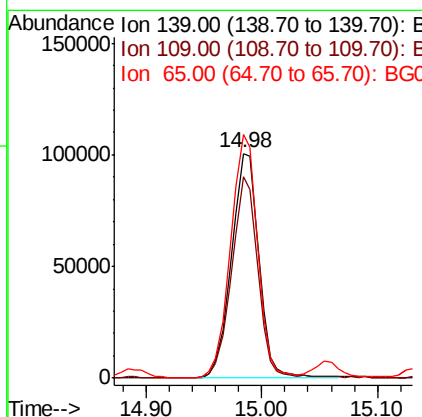
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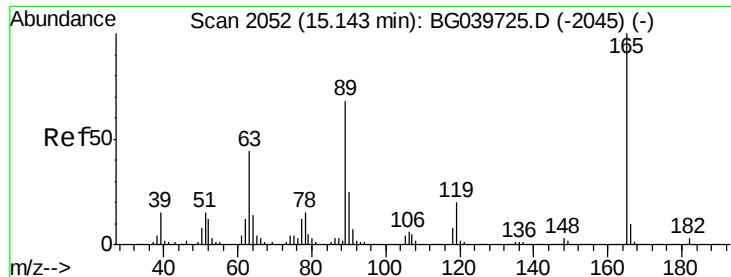
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#56
4-Nitrophenol
Concen: 88.801 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	166862		
109	89.8	61.9	101.9	
65	108.5	99.1	139.1	





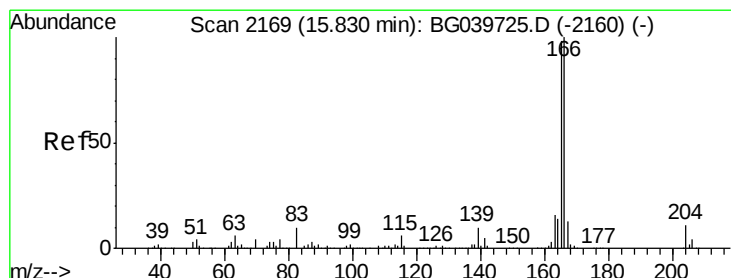
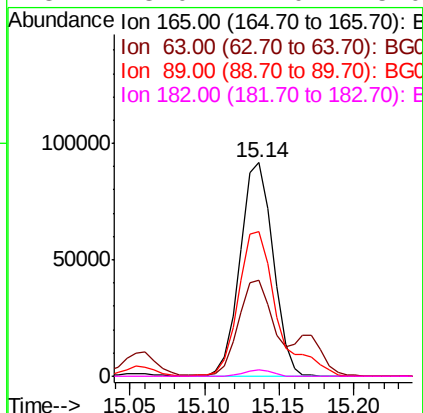
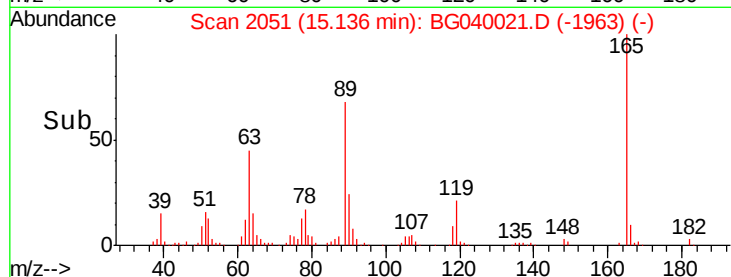
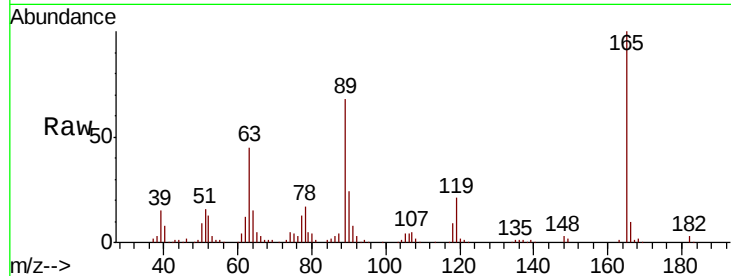
#57
2,4-Dinitrotoluene
Concen: 47.897 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampled :
PB118056BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		140633		
63	44.7	41.0	61.6		
89	68.0	64.6	96.8		
182	3.0	2.0	3.0#		

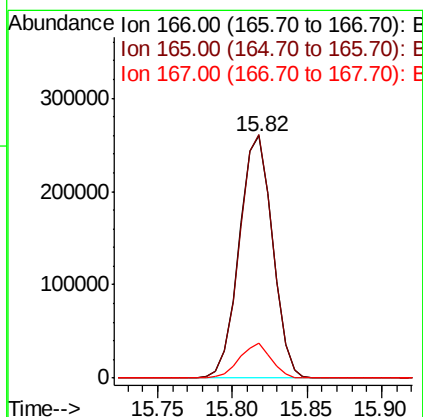
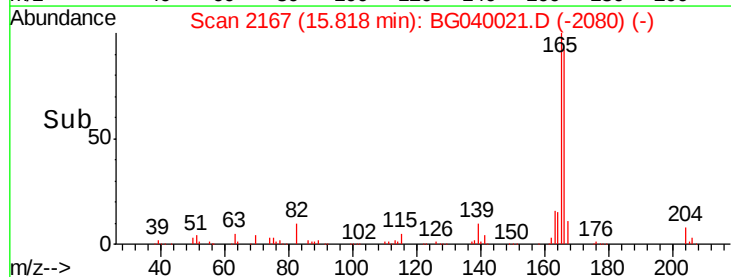
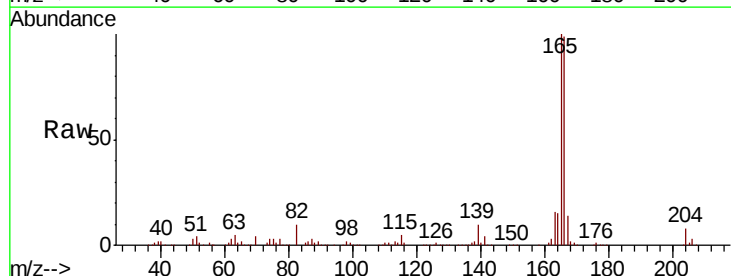
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#58
Fluorene
Concen: 43.194 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		401492		
165	100.6	77.9	116.9		
167	14.2	10.8	16.2		





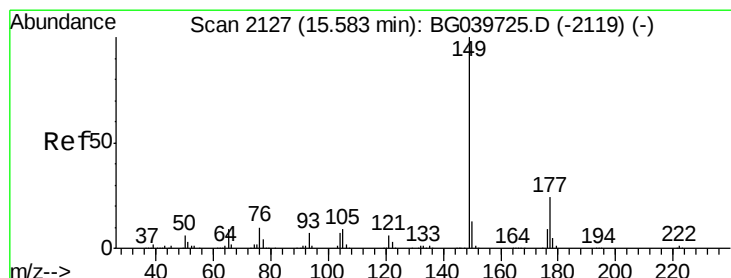
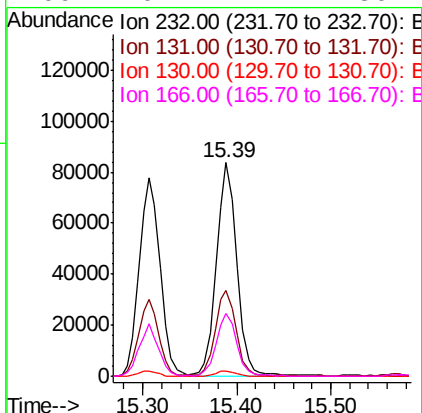
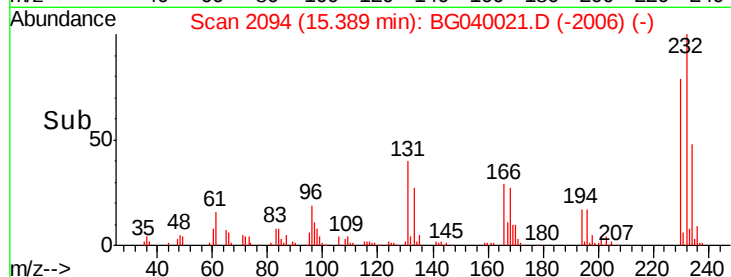
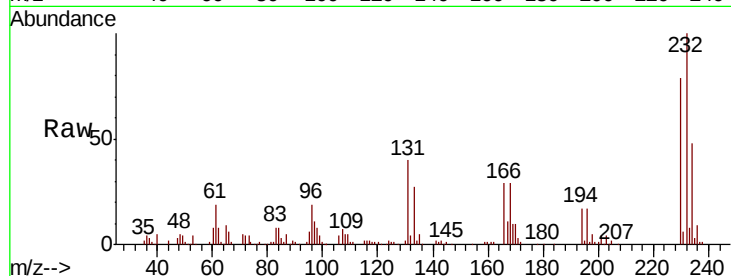
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.325 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	126948		
131	40.2	34.9	52.3	
130	2.4	2.0	3.0	
166	29.4	24.1	36.1	

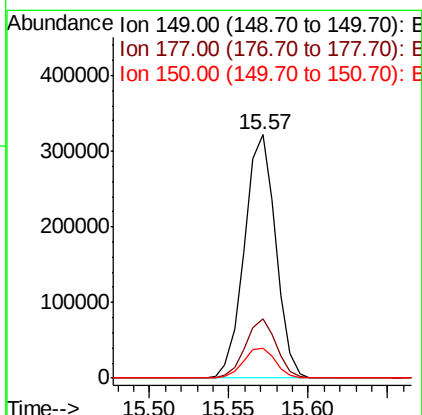
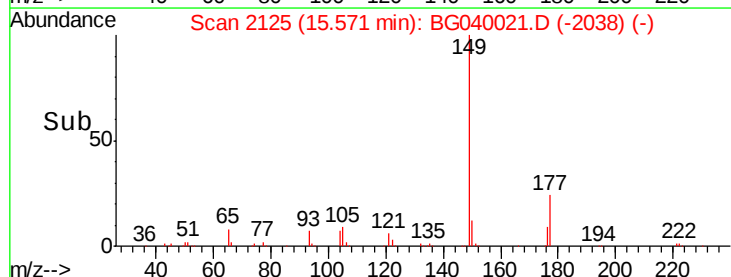
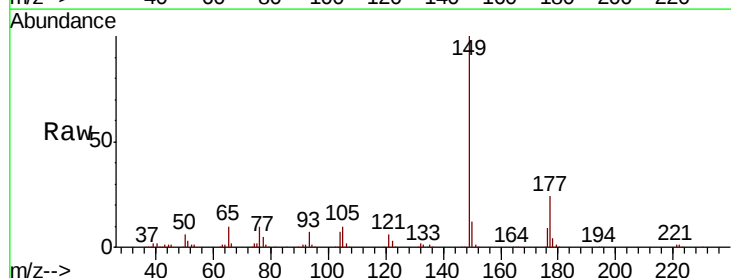
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#60
Diethylphthalate
Concen: 45.119 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	440258		
177	24.3	18.3	27.5	
150	12.4	10.2	15.2	





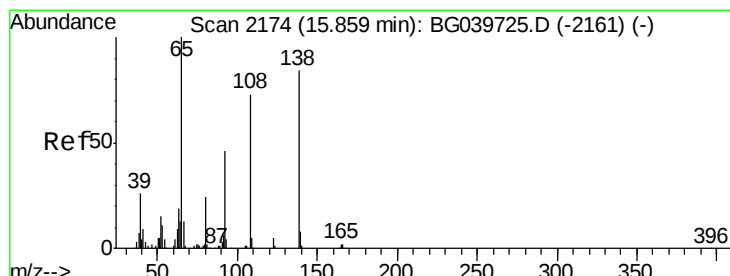
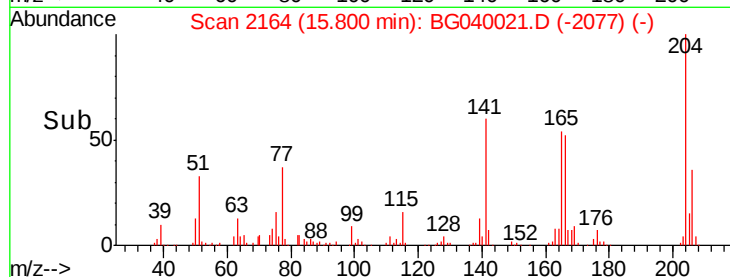
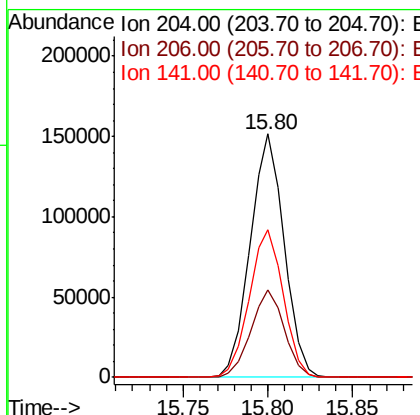
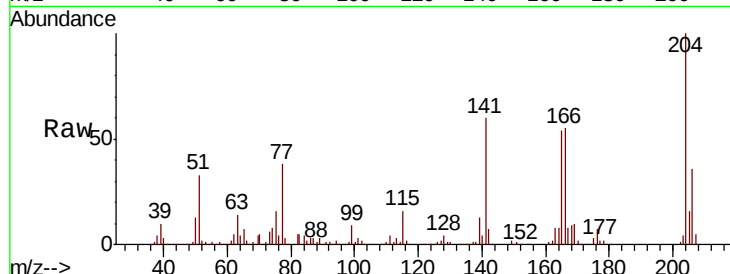
#61
4-Chlorophenyl-phenylether
Concen: 42.548 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampled :
PB118056BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.7	29.2	43.8
141	60.4	49.0	73.4

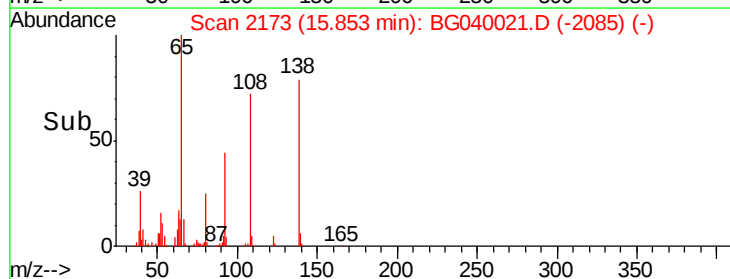
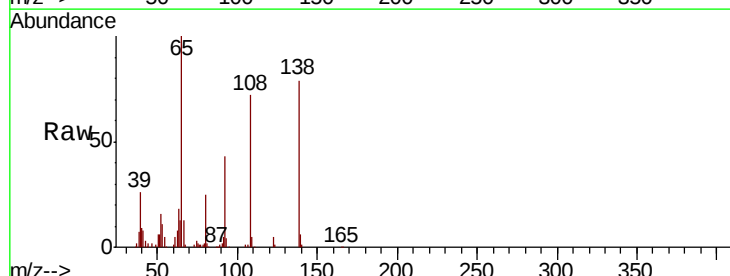
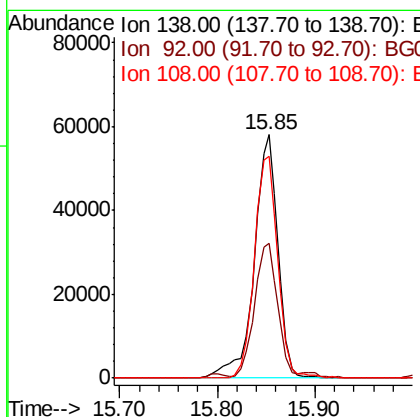
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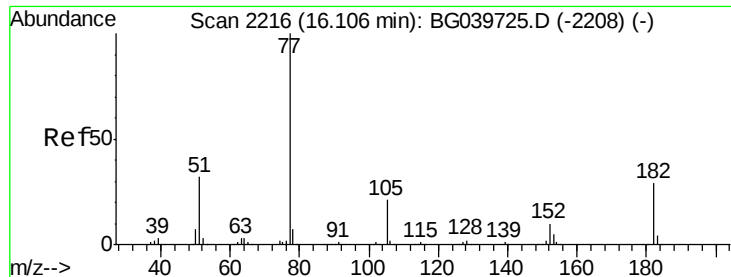
Sohil
3/20/2019 4:59:25 PM



#62
4-Nitroaniline
Concen: 43.580 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.2	38.7	78.7
108	91.2	74.6	114.6





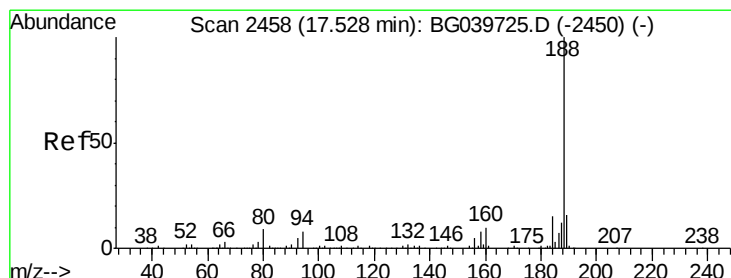
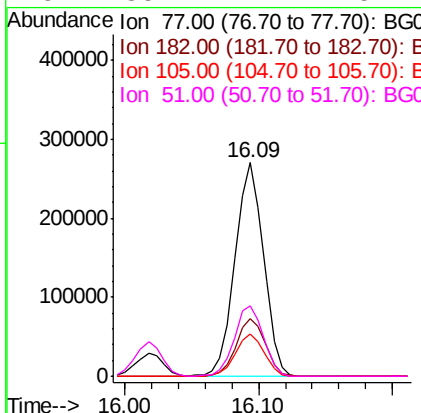
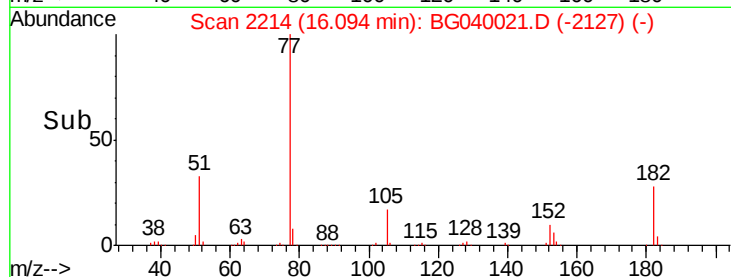
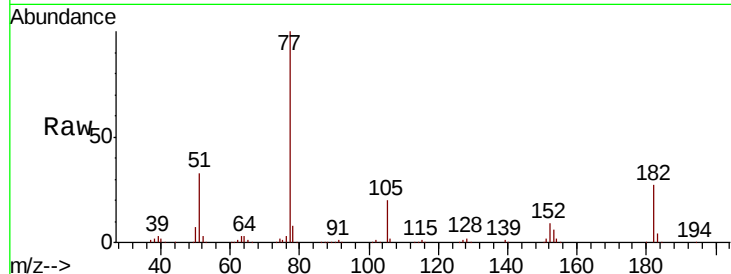
#63
Azobenzene
Concen: 45.304 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.1	6.4	46.4		
105	19.9	0.0	39.8		
51	33.2	14.1	54.1		

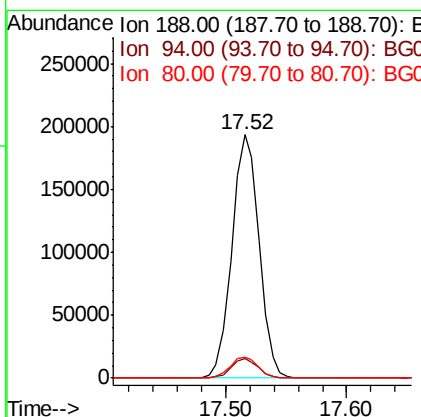
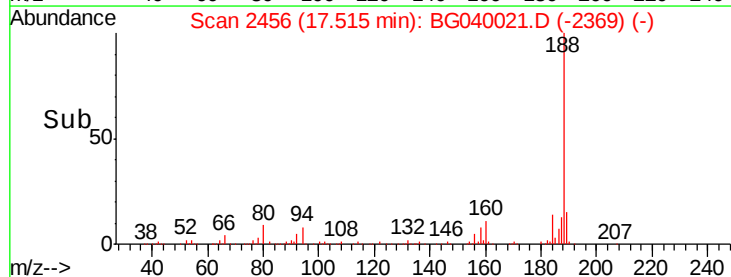
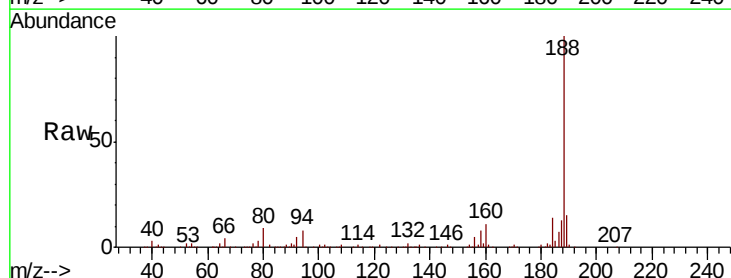
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.1	6.9	10.3		
80	8.6	8.1	12.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 50.132 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

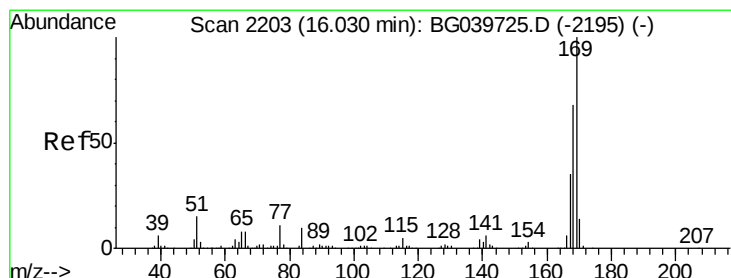
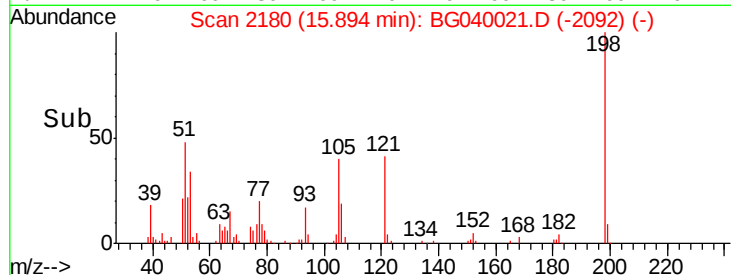
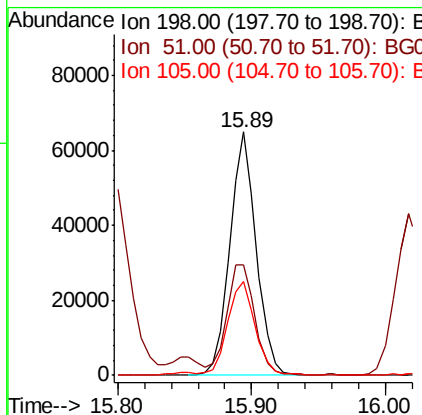
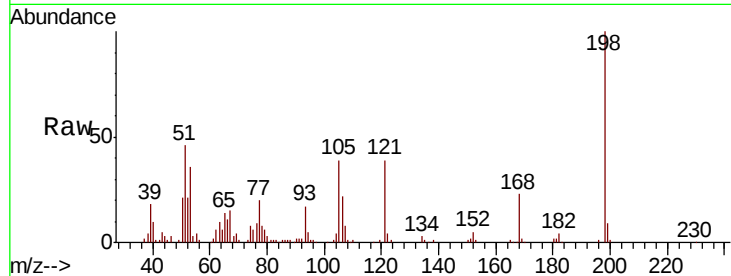
ClientSampleId :

PB118056BS

Tot Ion:	198	Resp:	89441
Ion Ratio	Lower	Upper	
198	100		
51	45.5	27.4	67.4
105	38.7	19.7	59.7

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#66

n-Nitrosodiphenylamine

Concen: 43.125 ng

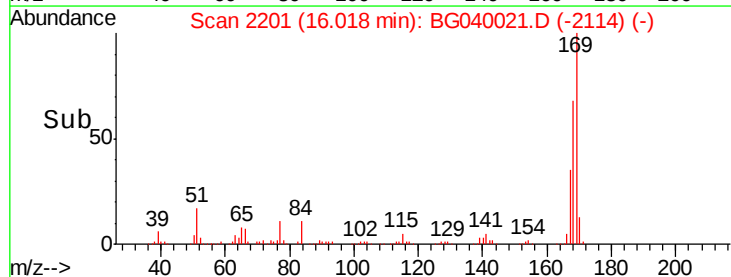
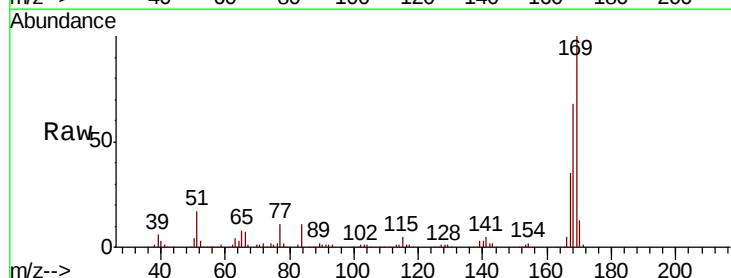
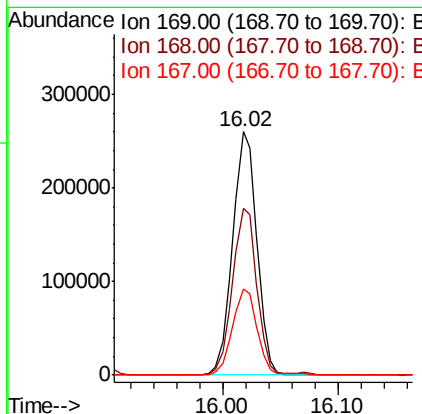
RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Tgt Ion:	169	Resp:	376723
Ion Ratio	Lower	Upper	
169	100		
168	68.3	56.6	85.0
167	35.4	28.8	43.2





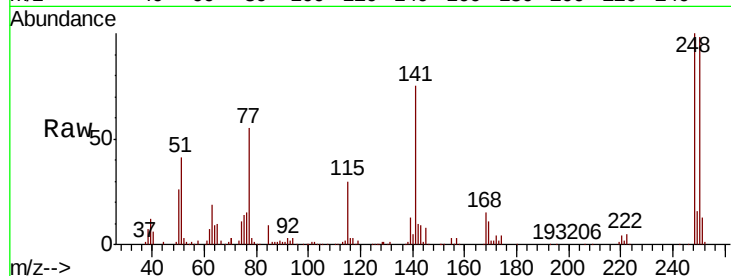
#67
4-Bromophenyl-phenylether
Concen: 41.710 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampled :
PB118056BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.6	116.4
141	75.3	63.9	95.9

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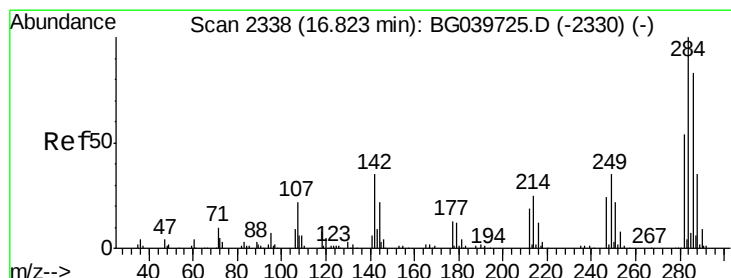
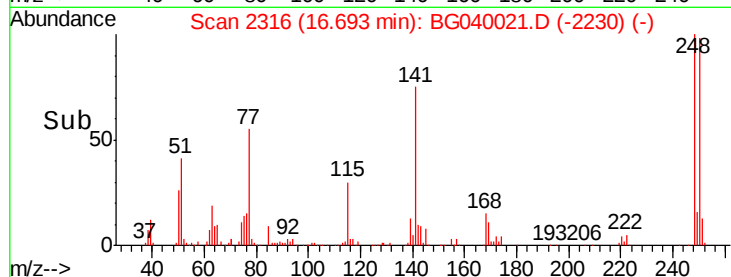
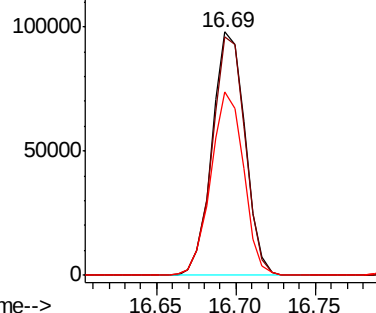


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.037 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

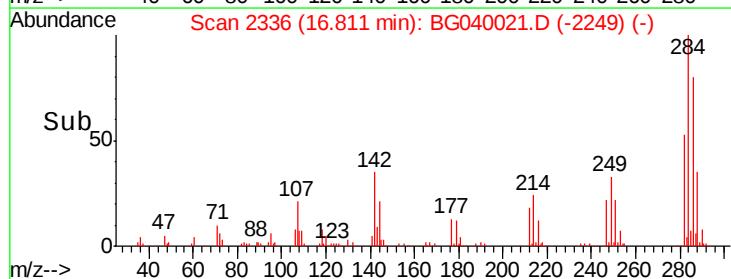
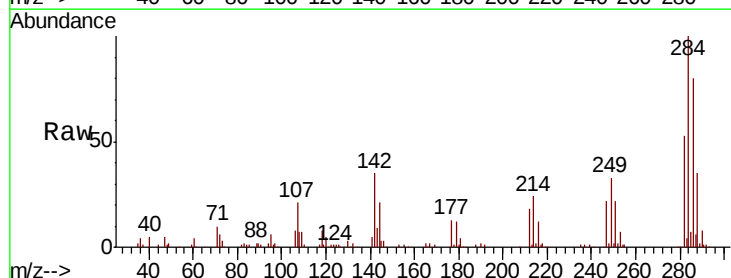
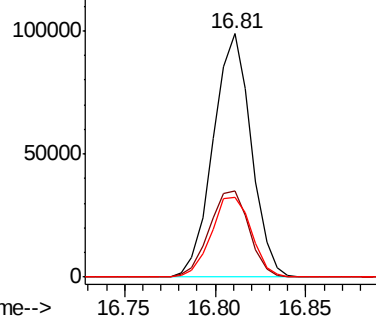
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	30.6	45.8
249	32.6	28.2	42.2

Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





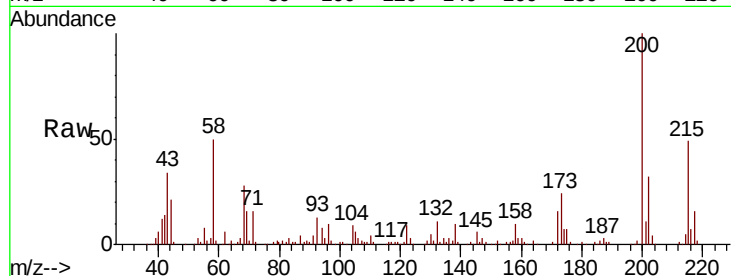
#69
 Atrazine
 Concen: 41.914 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Instrument :
 BNA_G
 ClientSampled :
 PB118056BS

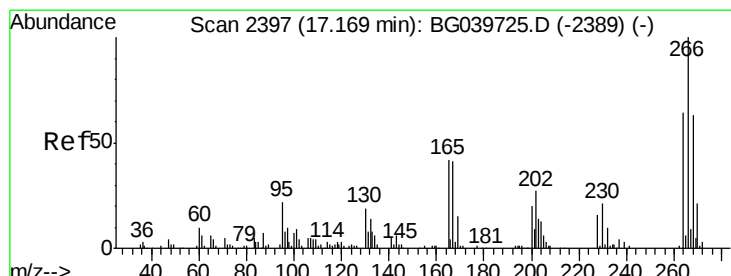
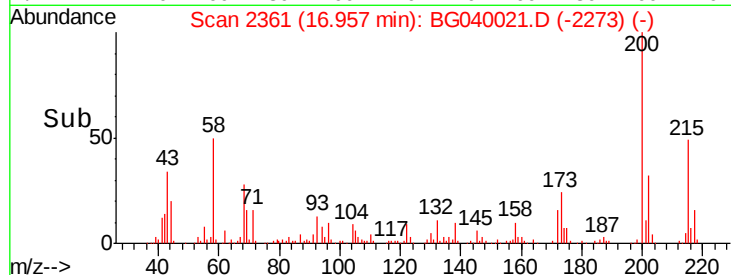
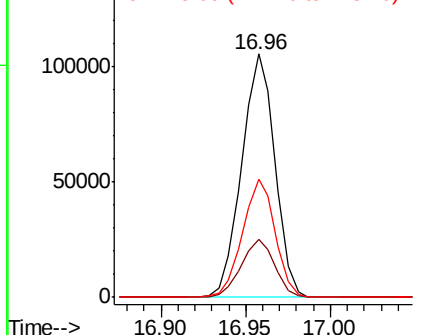
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.9	3.9	43.9
215	48.8	30.9	70.9

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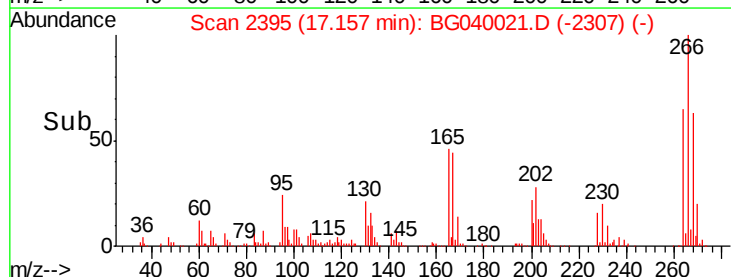
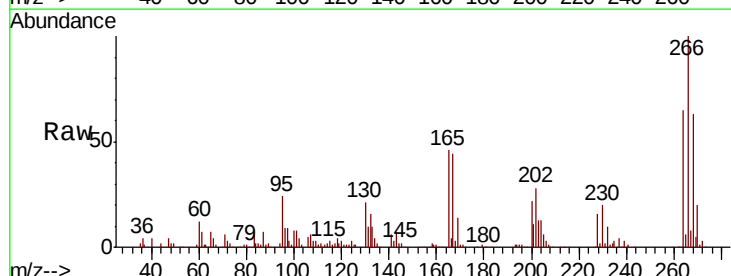
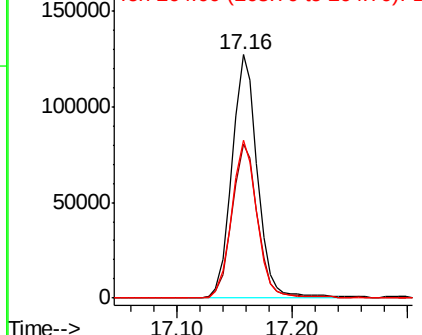
Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

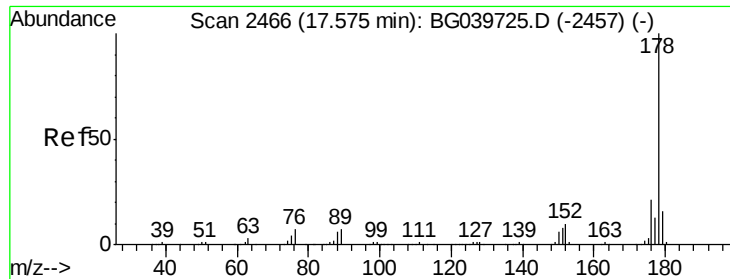


#70
 Pentachlorophenol
 Concen: 87.885 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.1	51.1	76.7
264	65.0	52.1	78.1

Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





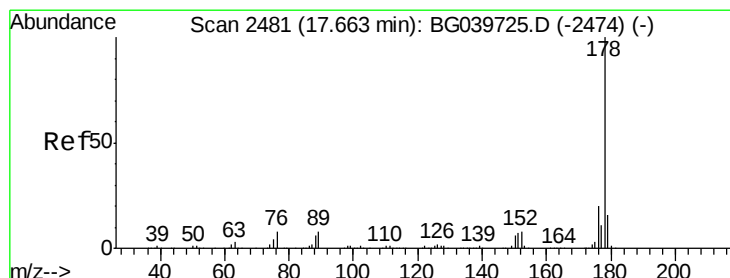
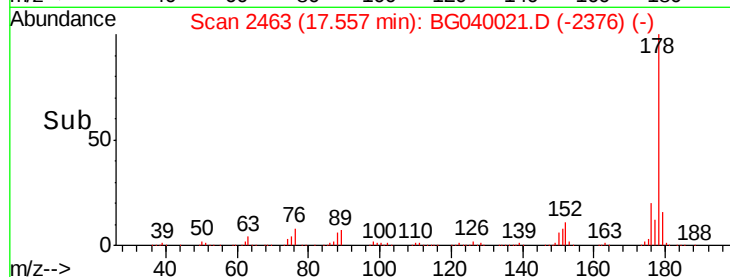
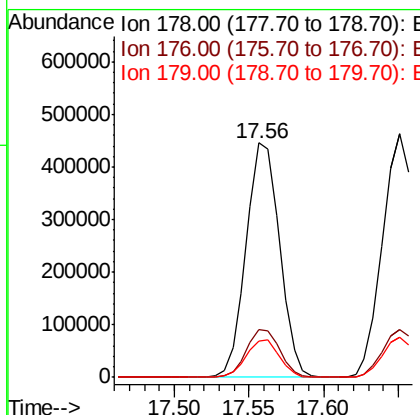
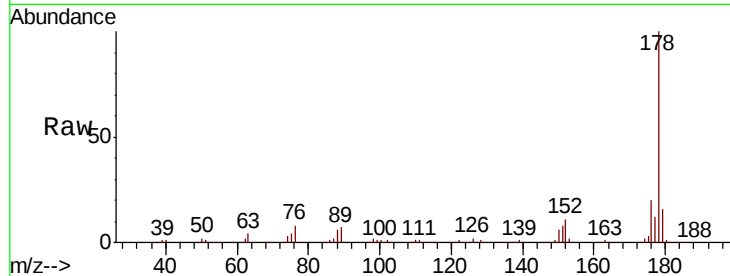
#71
Phenanthrene
Concen: 41.658 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	15.7	12.6	19.0

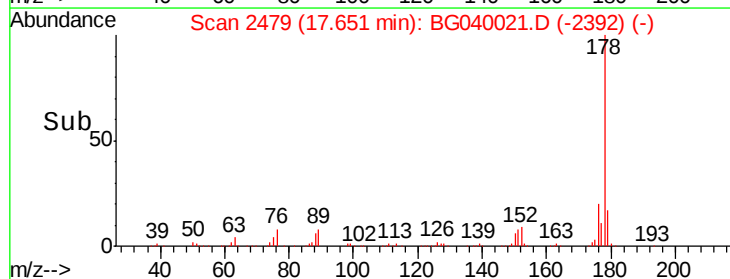
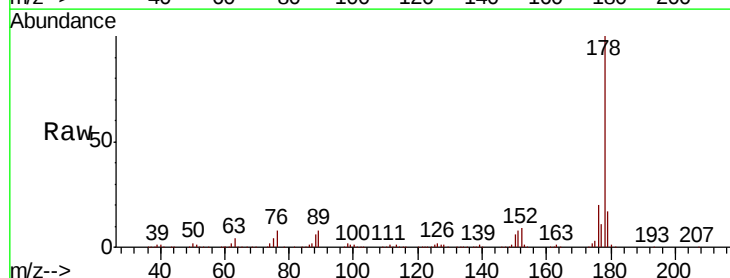
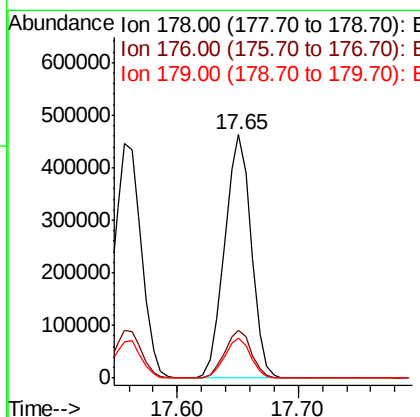
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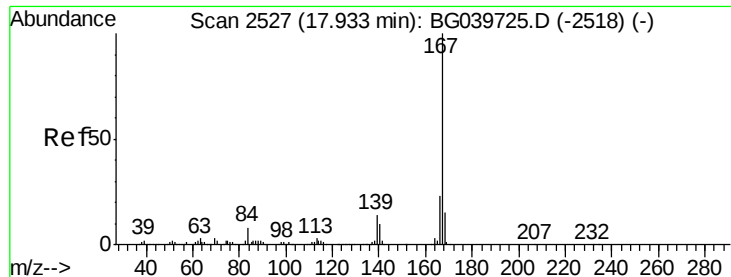
Sohil
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#72
Anthracene
Concen: 43.456 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	16.6	12.5	18.7





#73

Carbazole

Concen: 42.471 ng

RT: 17.92 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

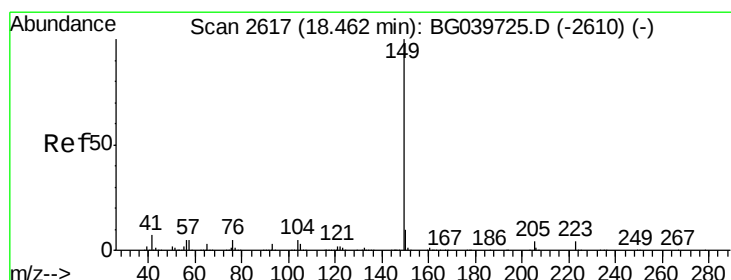
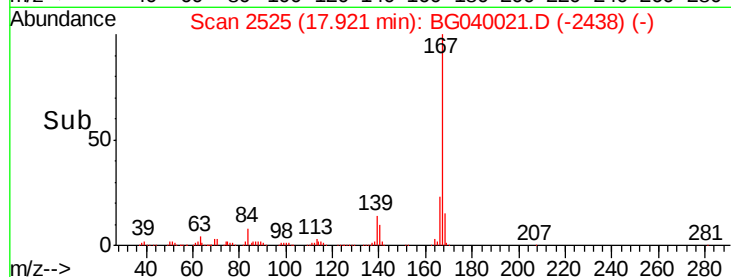
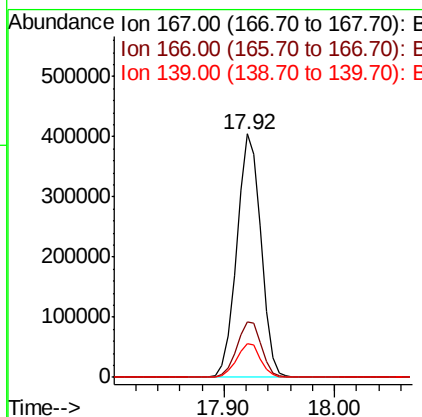
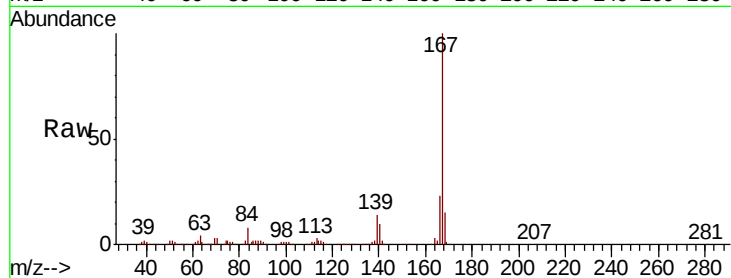
ClientSampled :

PB118056BS

Tot Ion:	167	Resp:	620127
Ion Ratio		Lower	Upper
167	100		
166	22.8	19.4	29.2
139	14.0	10.8	16.2

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#74

Di-n-butylphthalate

Concen: 44.351 ng

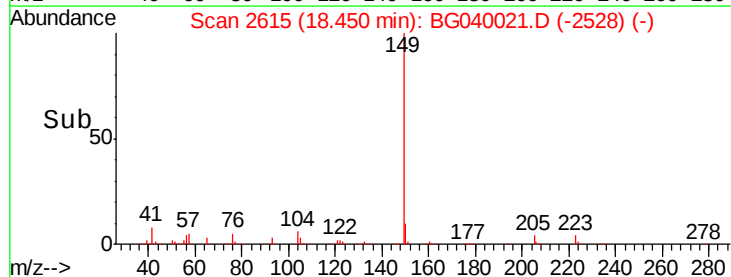
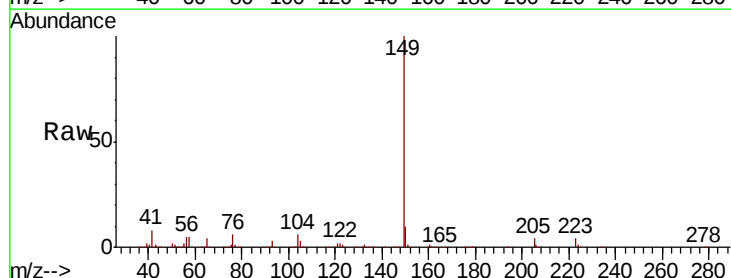
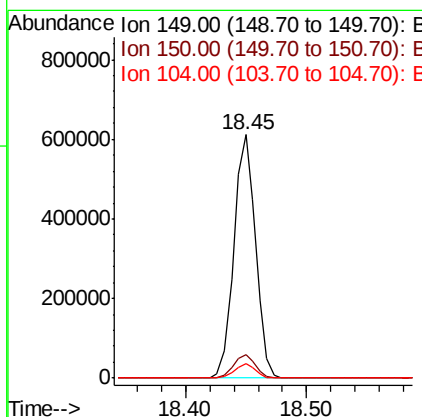
RT: 18.45 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Tgt Ion:	149	Resp:	761929
Ion Ratio		Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.7	4.5	6.7





#75

Fluoranthene

Concen: 42.040 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

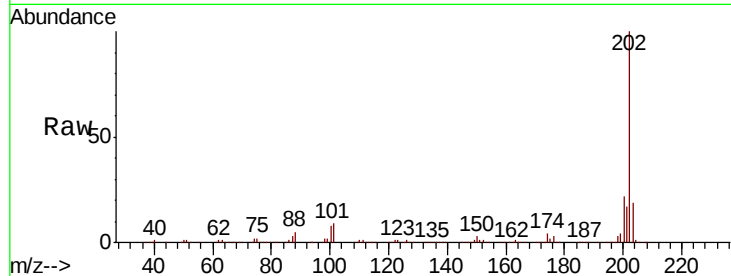
ClientSampleId :

PB118056BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.0	0.0	30.0
203	19.2	0.0	38.9

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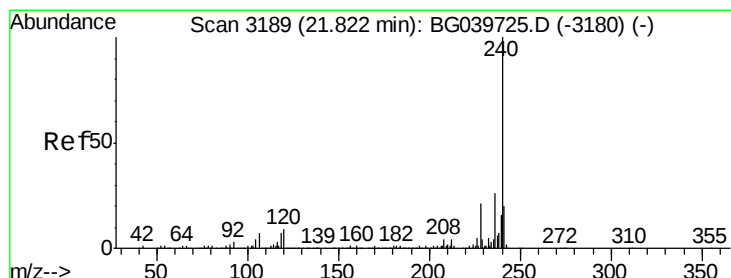
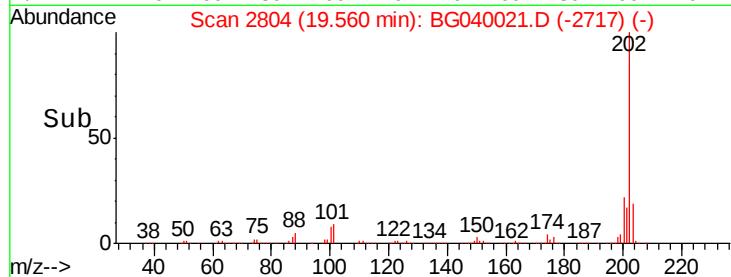
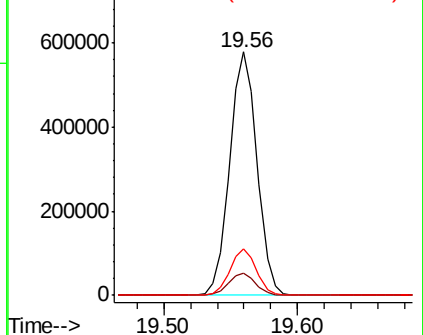


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

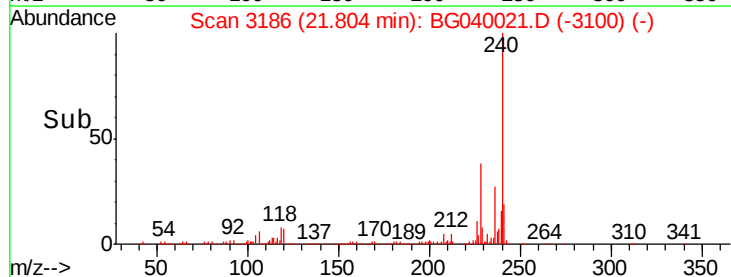
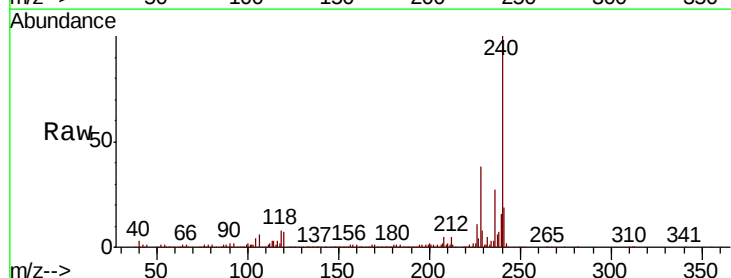
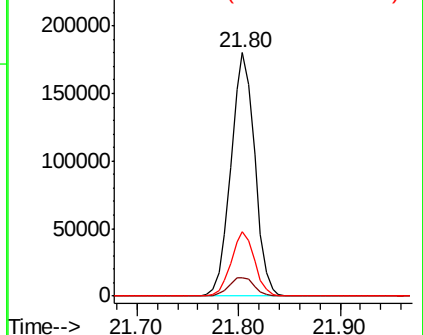
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.5	7.0	10.6
236	26.7	21.0	31.4

Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.155 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

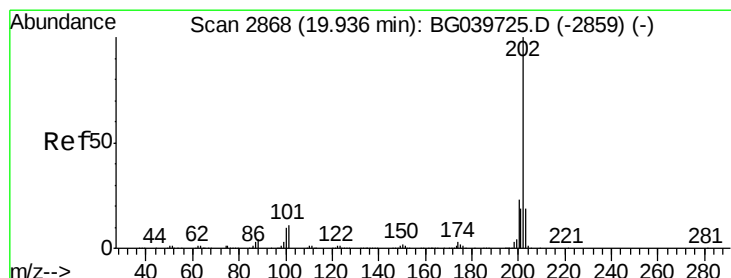
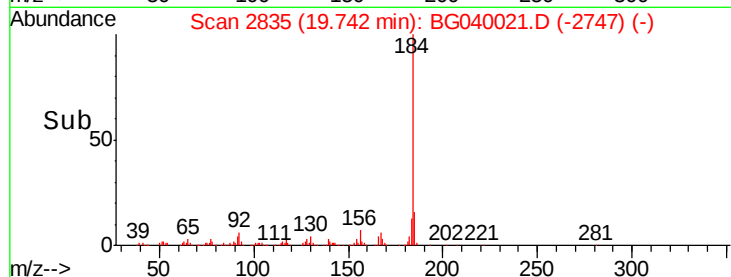
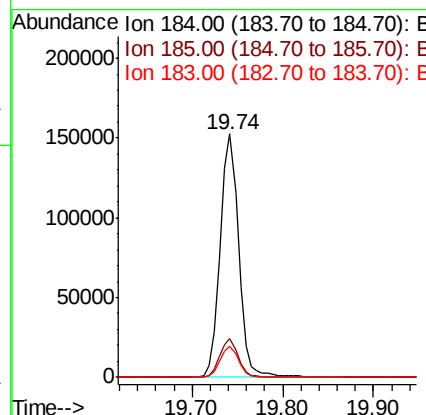
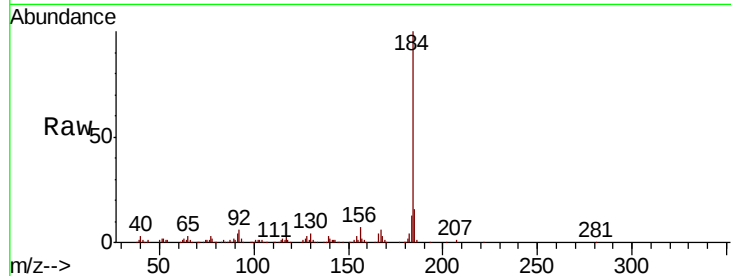
ClientSampleId :

PB118056BS

Tot Ion:	184	Resp:	215405
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.2	18.2
183	12.7	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 43.470 ng

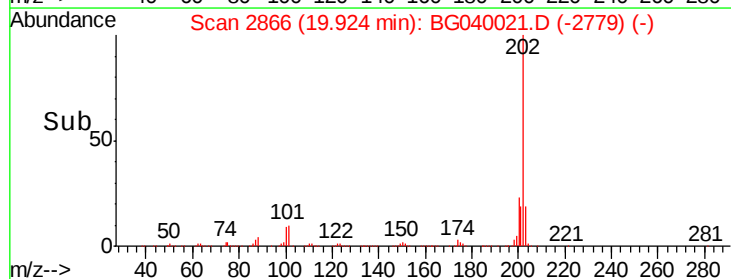
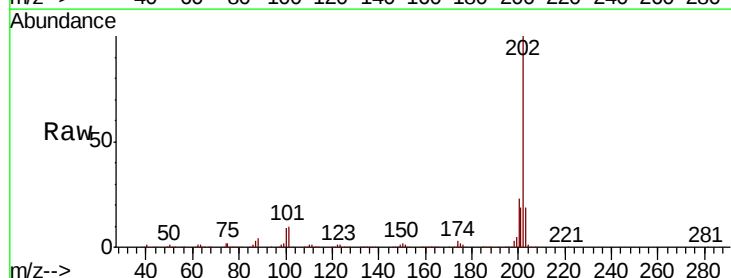
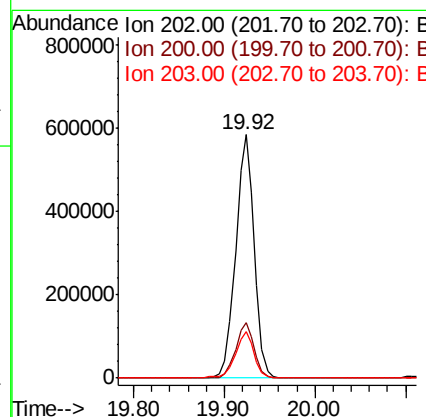
RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Tgt Ion:	202	Resp:	828088
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.8	26.8
203	18.9	15.3	22.9





#79

Terphenyl-d14

Concen: 89.675 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

Tot Ion:244 Resp: 1193989

Ion Ratio Lower Upper

244 100

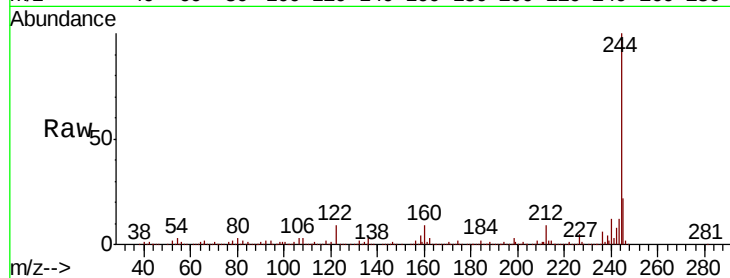
212 9.2 7.3 10.9

122 9.4 8.4 12.6

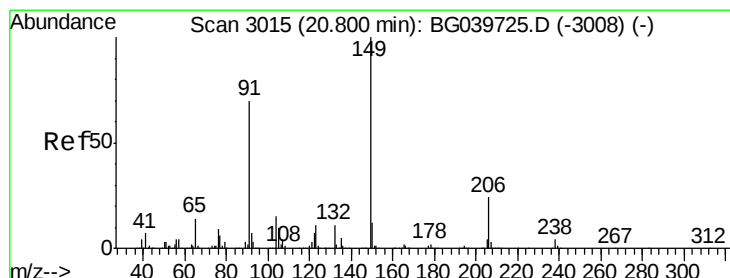
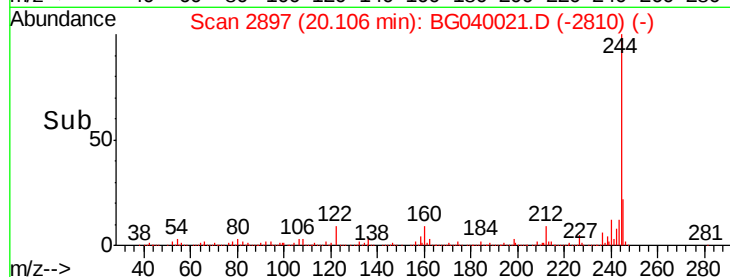
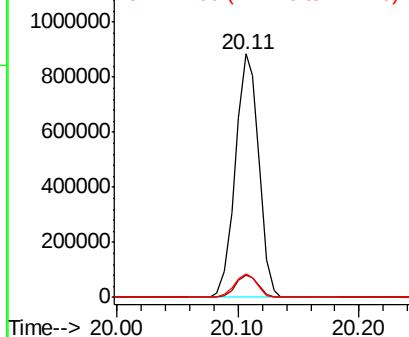
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.097 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

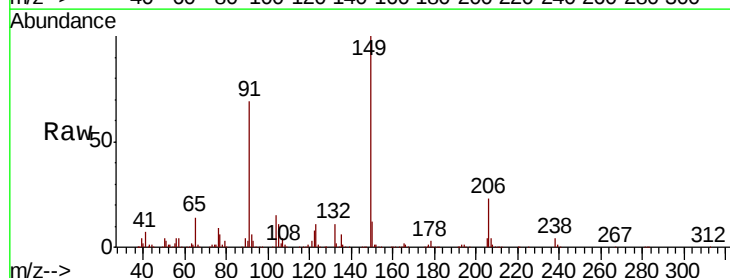
Tgt Ion:149 Resp: 340217

Ion Ratio Lower Upper

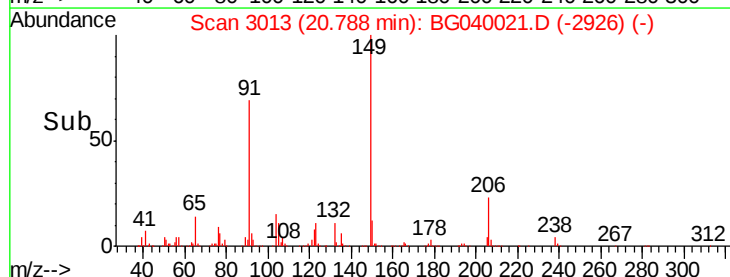
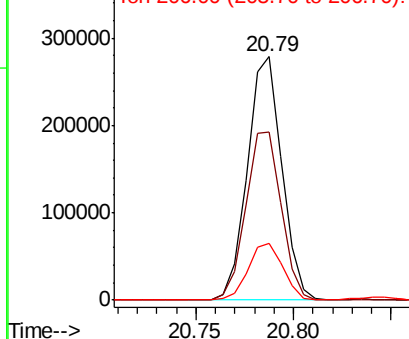
149 100

91 69.2 59.5 89.3

206 23.2 18.6 27.8



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





#81

Benzo(a)anthracene

Concen: 42.872 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

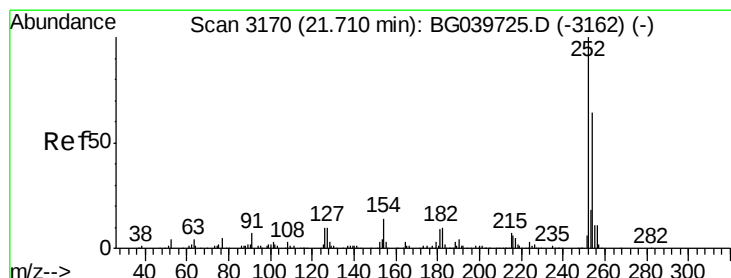
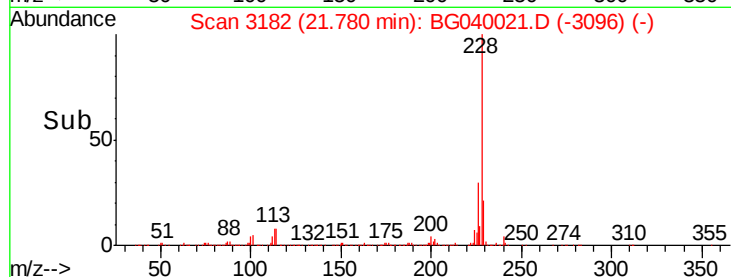
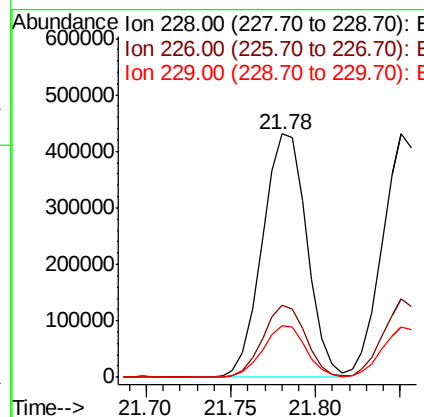
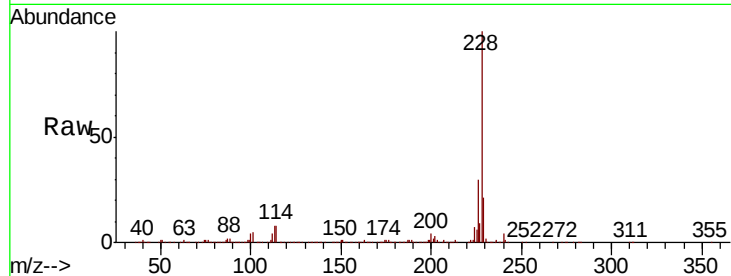
ClientSampleId :

PB118056BS

Tot Ion:	228	Resp:	787705
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.0	34.6
229	21.0	16.9	25.3

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#82

3,3'-Dichlorobenzidine

Concen: 21.379 ng

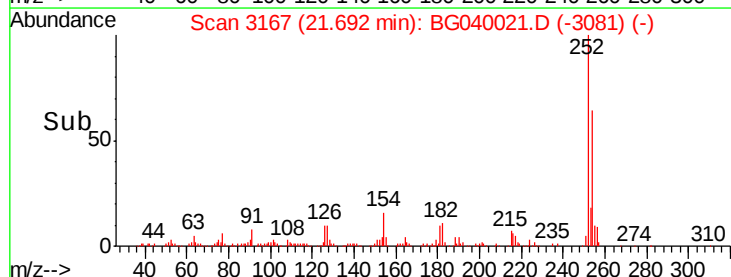
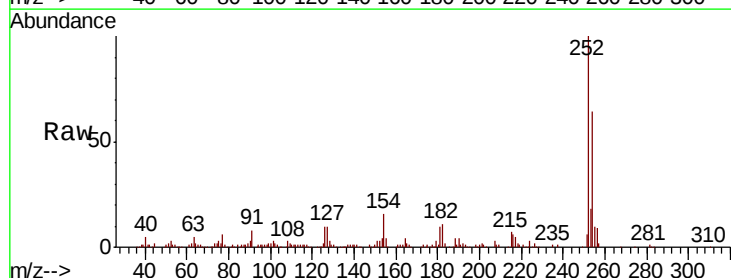
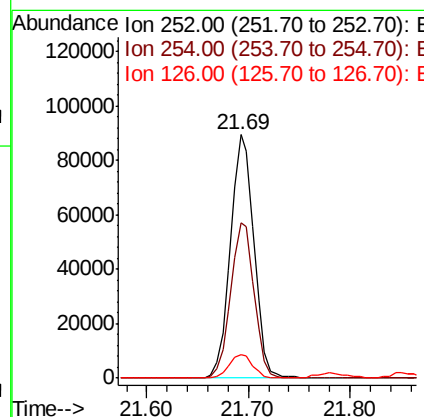
RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Tgt Ion:	252	Resp:	143412
Ion Ratio	Lower	Upper	
252	100		
254	63.6	51.3	76.9
126	9.6	8.0	12.0





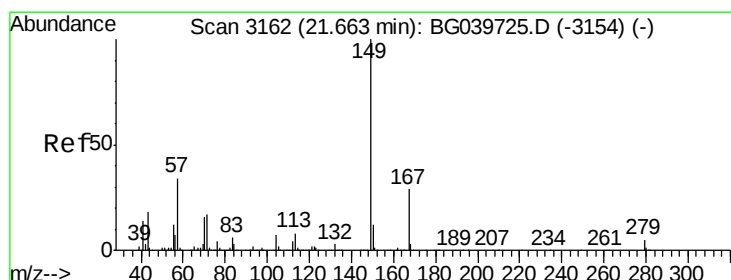
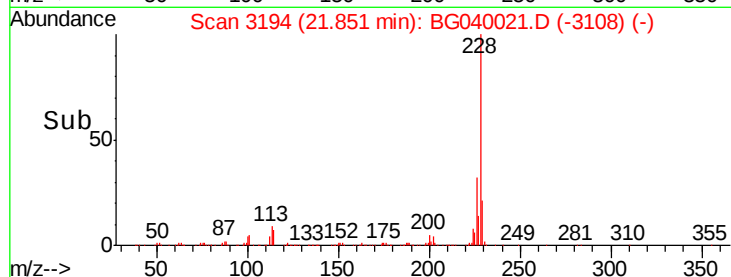
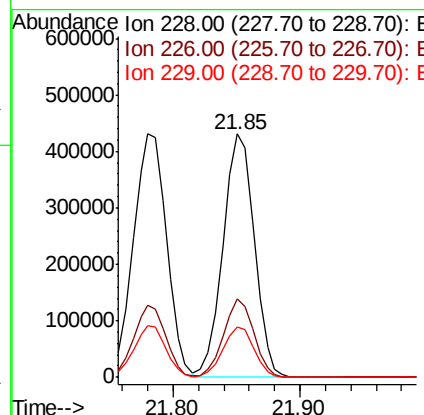
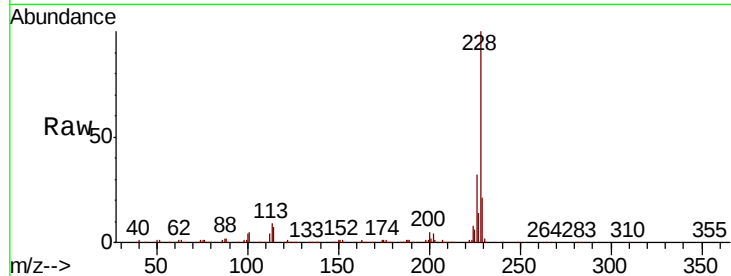
#83
 Chrvsene
 Concen: 41.375 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Instrument :
 BNA_G
 ClientSampleId :
 PB118056BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.8	38.6
229	20.9	16.6	25.0

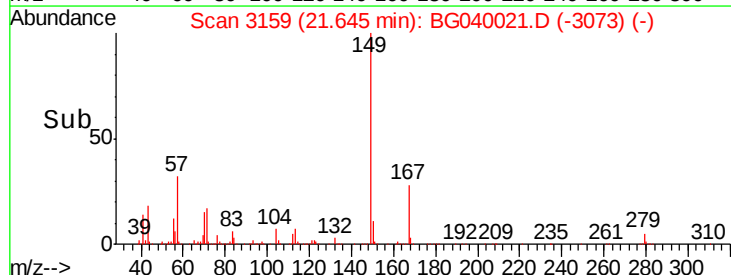
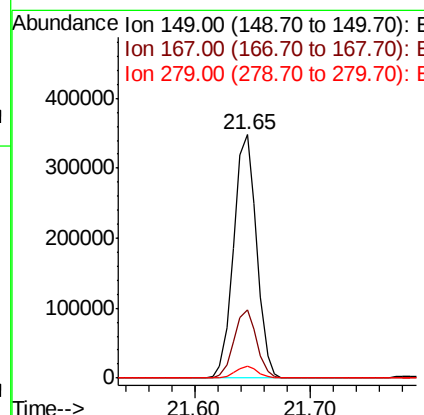
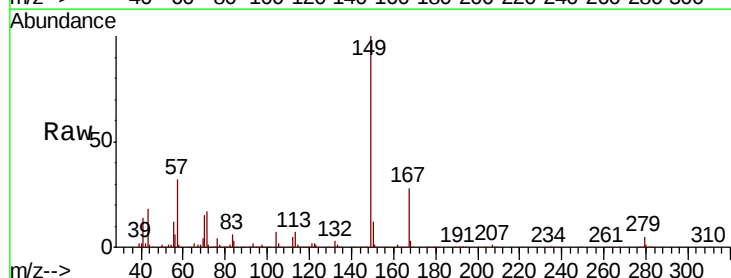
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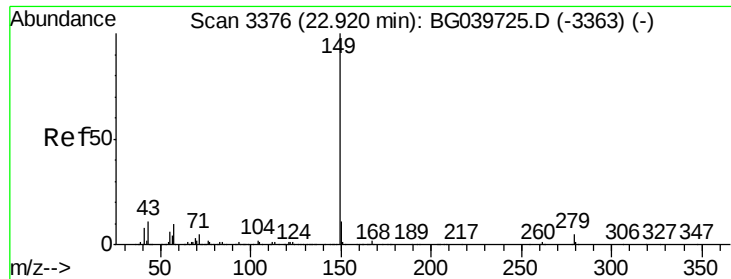
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.039 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	4.7	3.5	5.3





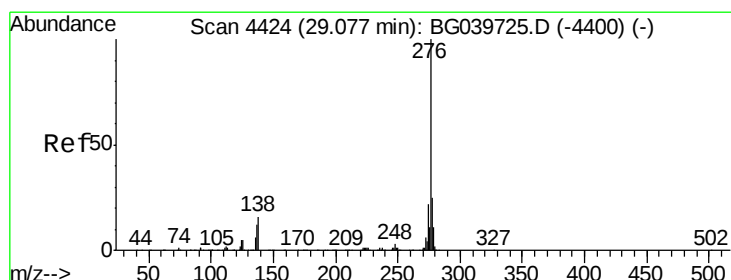
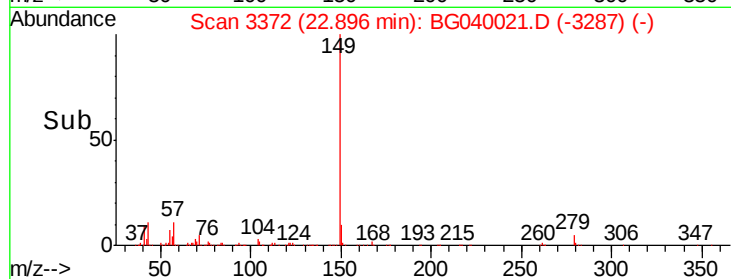
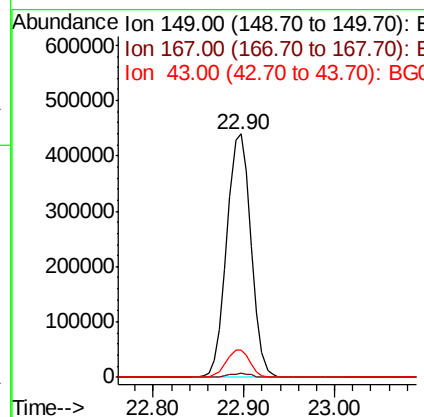
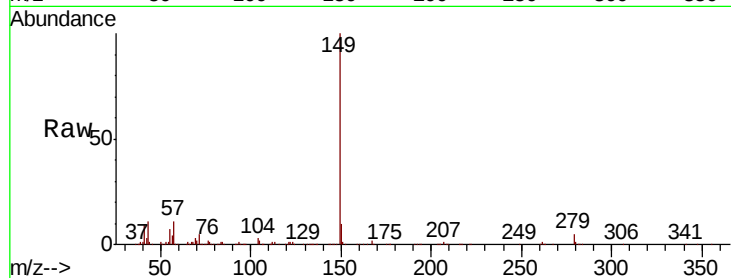
#85
Di-n-octyl phthalate
Concen: 47.464 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.1	10.2	15.4

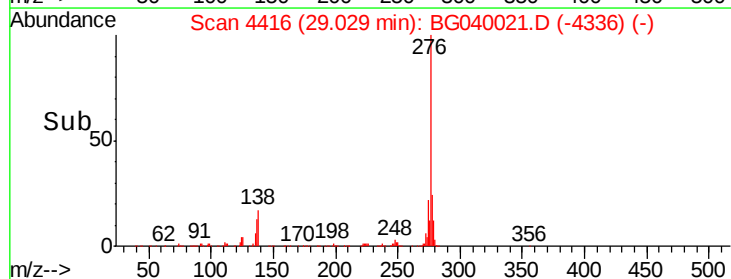
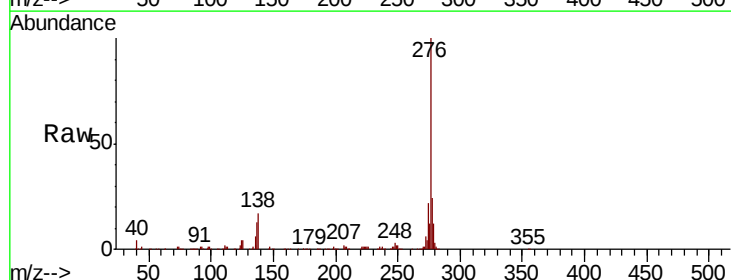
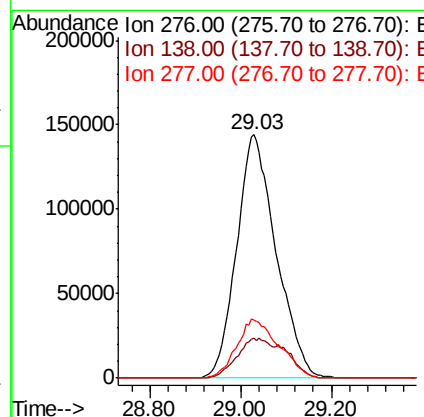
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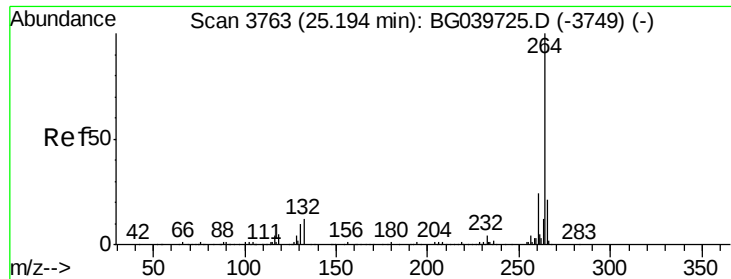
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.135 ng
RT: 29.03 min Scan# 4416
Delta R.T. -0.06 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.6	12.6	19.0
277	25.8	20.8	31.2





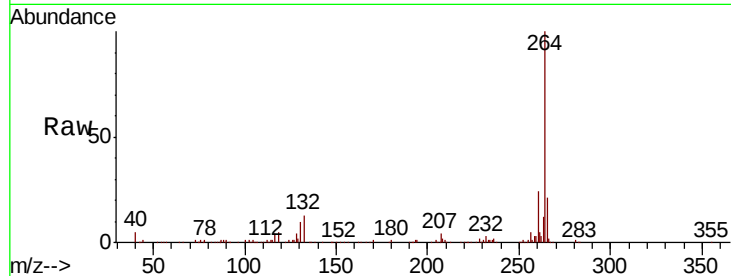
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampled :
PB118056BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.3	18.5	27.7

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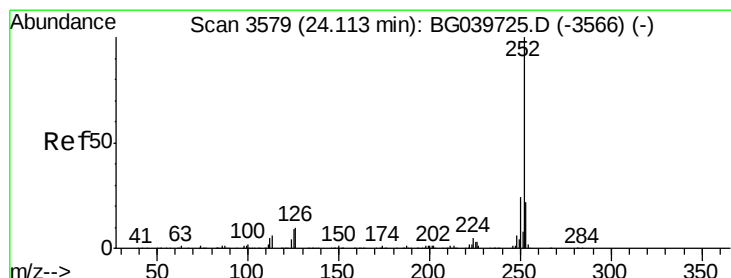
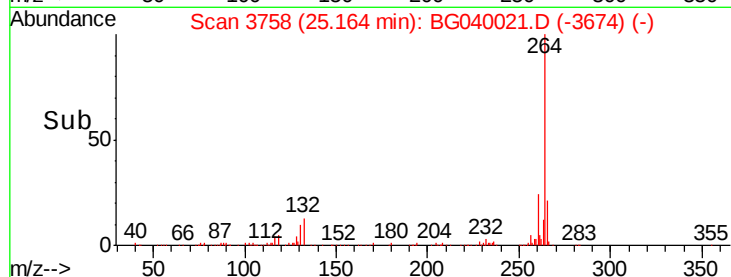
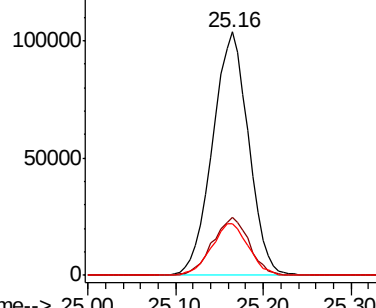


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 44.722 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.03 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

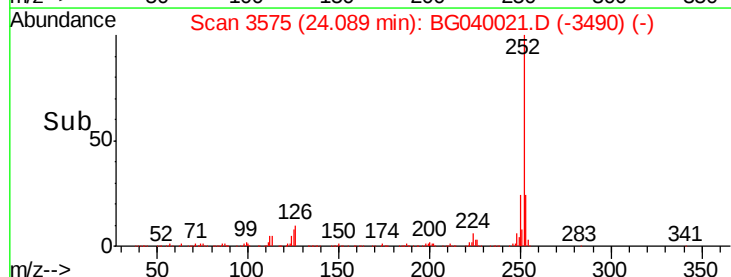
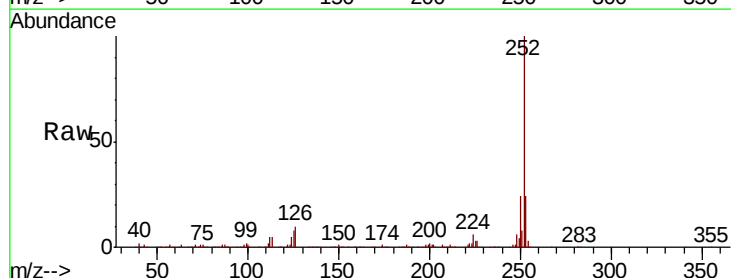
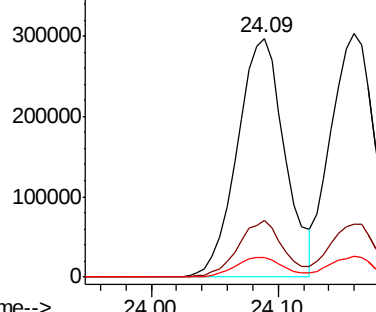
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	8.1	7.8	11.6

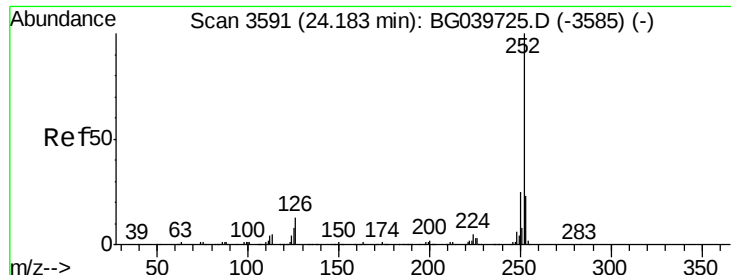
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





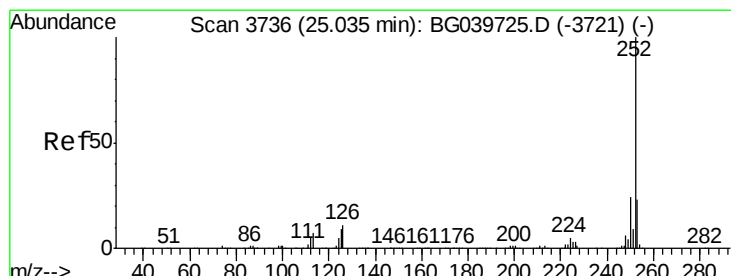
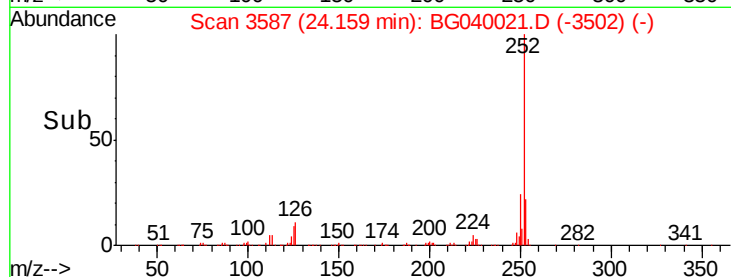
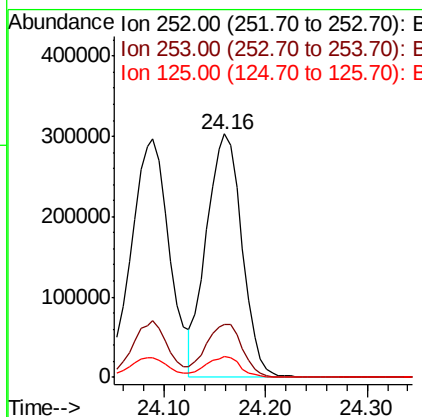
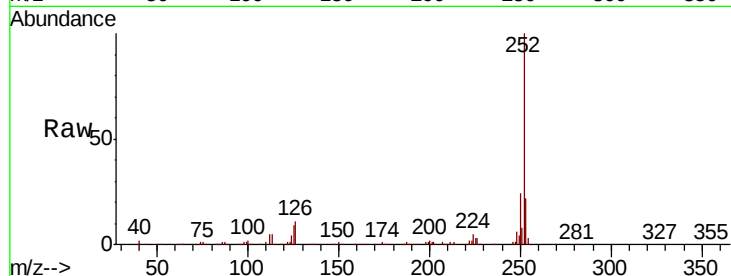
#89
Benzo(k)fluoranthene
Concen: 45.580 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	8.6	7.4	11.2

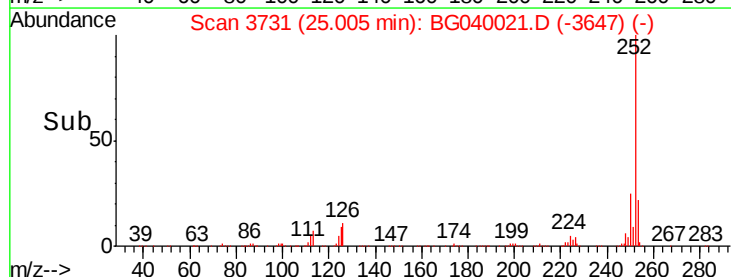
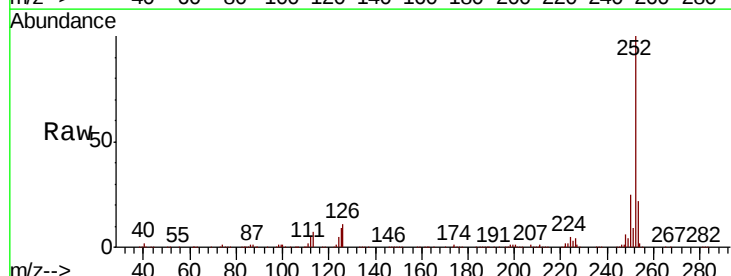
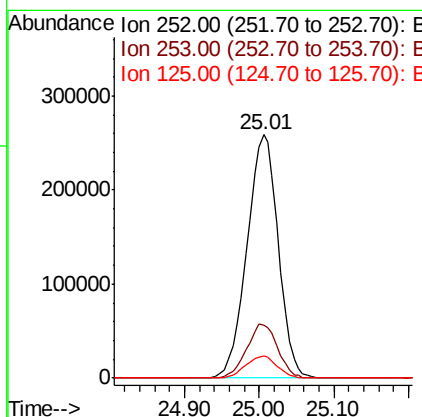
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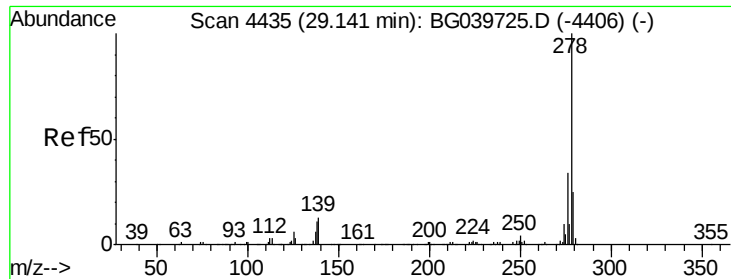
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#90
Benzo(a)pyrene
Concen: 46.896 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.04 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.2	8.3	12.5





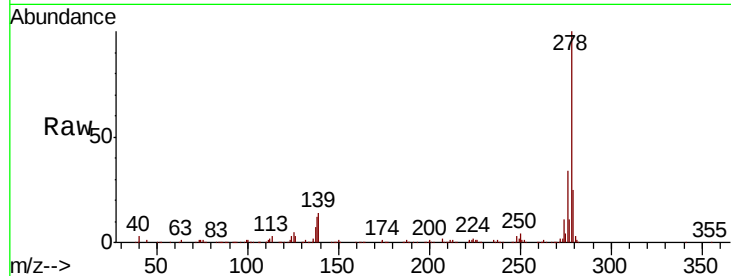
#91
Dibenzo(a,h)anthracene
Concen: 44.893 ng
RT: 29.09 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.7	17.5
279	25.4	19.1	28.7

Manual Integrations
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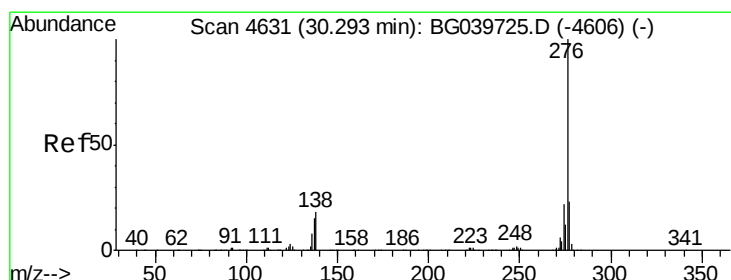
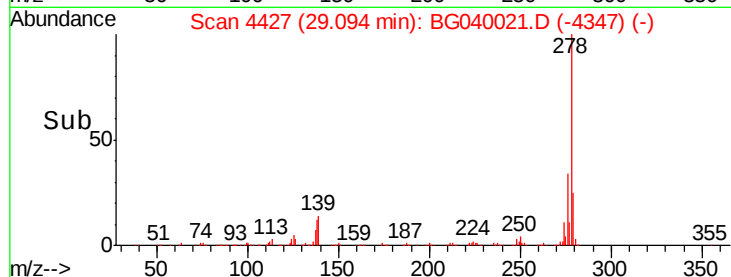
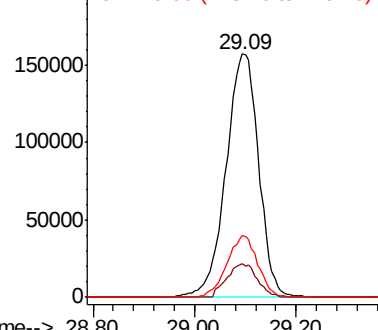


Abundance

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: 45.810 ng
RT: 30.26 min Scan# 4625
Delta R.T. -0.05 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.6	29.4
138	16.8	14.7	22.1

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

