

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
 Data File : BG040982.D
 Acq On : 31 May 2019 17:19
 Operator : HP/JU
 Sample : PB118819BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

Quant Time: Jun 01 05:14:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	55896	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	231283	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	170188	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	458354	20.00	ng	0.00
76) Chrysene-d12	21.78	240	472223	20.00	ng	0.00
87) Perylene-d12	25.11	264	430150	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	402108	129.72	ng	0.00
7) Phenol-d6	7.26	99	555452	116.03	ng	0.00
23) Nitrobenzene-d5	9.30	82	427724	82.10	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	300742	119.03	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	946321	80.08	ng	0.00
79) Terphenyl-d14	20.09	244	1841753	82.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	49717	35.345	ng	# 83
3) Pyridine	3.92	79	131219	31.526	ng	94
4) n-Nitrosodimethylamine	3.85	42	72635	37.601	ng	91
6) Aniline	7.44	93	138424	21.662	ng	97
8) 2-Chlorophenol	7.68	128	138389	37.448	ng	98
9) Benzaldehyde	7.25	77	42997	15.056	ng	# 79
10) Phenol	7.29	94	185905	36.218	ng	98
11) bis(2-Chloroethyl)ether	7.54	93	130617	35.077	ng	95
12) 1,3-Dichlorobenzene	8.01	146	148669	33.683	ng	99
13) 1,4-Dichlorobenzene	8.16	146	153350	34.324	ng	97
14) 1,2-Dichlorobenzene	8.48	146	145347	33.506	ng	97
15) Benzyl Alcohol	8.36	79	154973	34.995	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.63	45	209003	34.349	ng	97
17) 2-Methylphenol	8.55	107	131975	35.511	ng	99
18) Hexachloroethane	9.20	117	57757	33.542	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	123703	33.577	ng	96
20) 3+4-Methylphenols	8.88	107	179845	34.934	ng	99
22) Acetophenone	8.95	105	230992	35.604	ng	97
24) Nitrobenzene	9.34	77	195411	36.806	ng	99
25) Isophorone	9.86	82	349550	35.256	ng	100
26) 2-Nitrophenol	10.06	139	81363	37.173	ng	97
27) 2,4-Dimethylphenol	10.09	122	143951	39.822	ng	93
28) bis(2-Chloroethoxy)methane	10.34	93	188464	35.219	ng	98
29) 2,4-Dichlorophenol	10.58	162	165647	36.085	ng	98
30) 1,2,4-Trichlorobenzene	10.80	180	177097	33.914	ng	98
31) Naphthalene	11.00	128	438273	35.294	ng	98
32) Benzoic acid	10.22	122	81556	32.231	ng	87
33) 4-Chloroaniline	11.11	127	104103	18.068	ng	94
34) Hexachlorobutadiene	11.26	225	130824	32.742	ng	99
35) Caprolactam	11.88	113	51425	33.924	ng	# 83
36) 4-Chloro-3-methylphenol	12.21	107	187911	35.843	ng	97
37) 2-Methylnaphthalene	12.59	142	333154	34.834	ng	97
38) 1-Methylnaphthalene	12.59	142	333154	36.966	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	240908	35.120	ng	99

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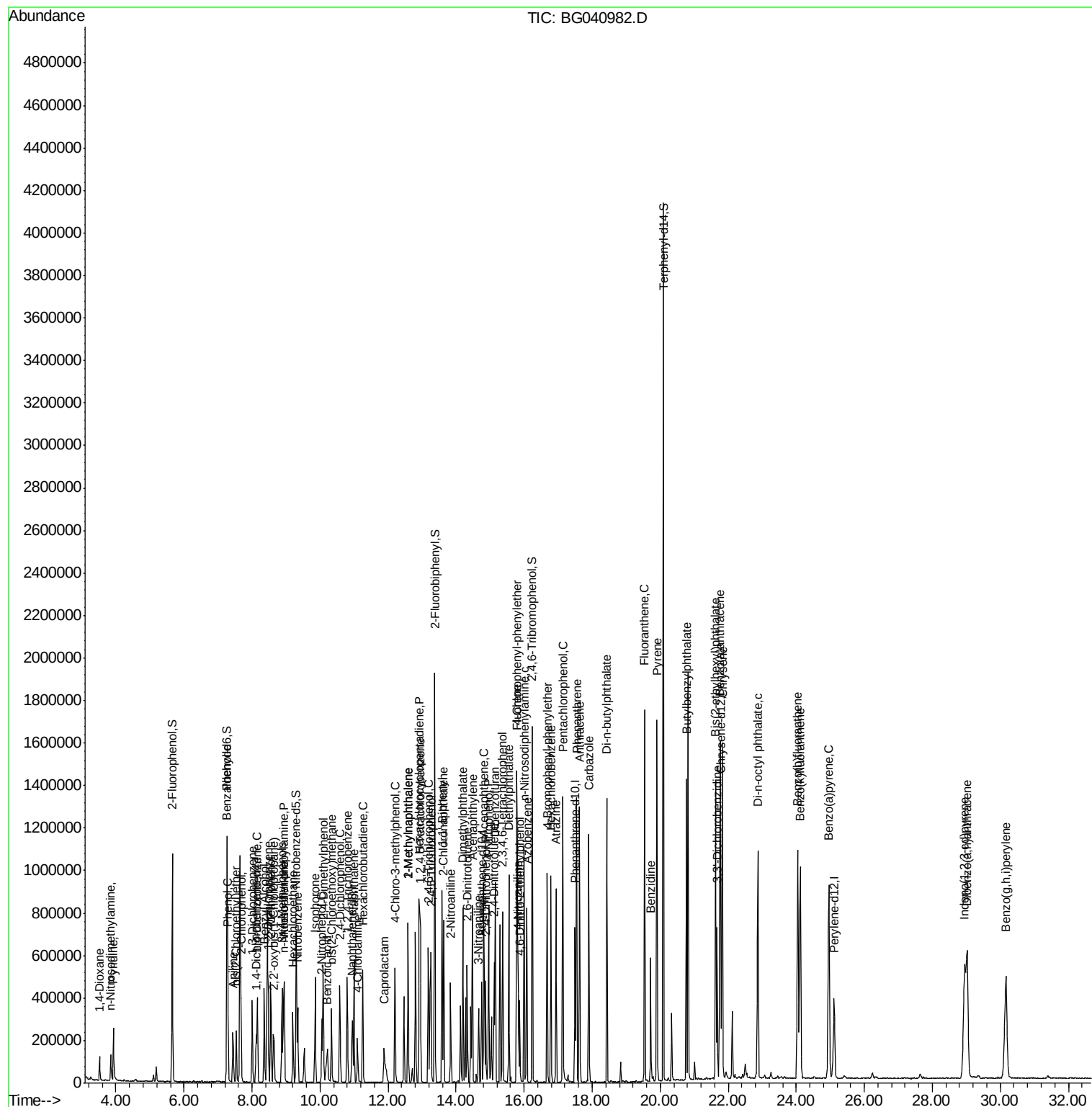
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	251134	69.332	nq	99
43) 2,4,6-Trichlorophenol	13.19	196	158516	35.722	nq	96
44) 2,4,5-Trichlorophenol	13.26	196	164198	35.085	nq	97
46) 1,1'-Biphenyl	13.59	154	456173	36.211	nq	97
47) 2-Chloronaphthalene	13.63	162	371720	34.371	nq	99
48) 2-Nitroaniline	13.84	65	137540	35.450	nq	95
49) Acenaphthylene	14.48	152	584975	35.939	nq	98
50) Dimethylphthalate	14.20	163	503804	34.971	nq	100
51) 2,6-Dinitrotoluene	14.33	165	113511	36.544	nq	94
52) Acenaphthene	14.81	154	336505	34.126	nq	95
53) 3-Nitroaniline	14.66	138	73001	23.503	nq	98
54) 2,4-Dinitrophenol	14.87	184	110487	71.645	nq	93
55) Dibenzofuran	15.15	168	587388	35.402	nq	99
56) 4-Nitrophenol	14.96	139	173297	81.342	nq	86
57) 2,4-Dinitrotoluene	15.11	165	162166	36.959	nq	99
58) Fluorene	15.80	166	466509	35.306	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	180091	39.157	nq	99
60) Diethylphthalate	15.55	149	519097	35.307	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	299768	34.903	nq	97
62) 4-Nitroaniline	15.83	138	117604	35.764	nq	96
63) Azobenzene	16.08	77	483520	36.184	nq	100
65) 4,6-Dinitro-2-methylphenol	15.87	198	89416	38.480	nq	95
66) n-Nitrosodiphenylamine	16.00	169	441469	34.263	nq	99
67) 4-Bromophenyl-phenylether	16.68	248	200239	32.371	nq	95
68) Hexachlorobenzene	16.79	284	207569	31.513	nq	98
69) Atrazine	16.94	200	185912	37.394	nq	96
70) Pentachlorophenol	17.14	266	253038	72.153	nq	95
71) Phenanthrene	17.54	178	838552	35.123	nq	100
72) Anthracene	17.63	178	841628	35.742	nq	99
73) Carbazole	17.90	167	757017	37.468	nq	100
74) Di-n-butylphthalate	18.43	149	886708	35.311	nq	99
75) Fluoranthene	19.54	202	1115869	37.839	nq	99
77) Benzidine	19.72	184	325059	28.856	nq	96
78) Pyrene	19.90	202	1123970	36.614	nq	99
80) Butylbenzylphthalate	20.77	149	424921	35.570	nq	95
81) Benzo(a)anthracene	21.76	228	1091891	34.736	nq	99
82) 3,3'-Dichlorobenzidine	21.67	252	272384	24.636	nq	98
83) Chrysene	21.82	228	1064916	35.401	nq	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	581157	34.558	nq	98
85) Di-n-octyl phthalate	22.87	149	983034	35.099	nq	100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1284307	34.853	nq	# 98
88) Benzo(b)fluoranthene	24.05	252	1114523	42.718	nq	99
89) Benzo(k)fluoranthene	24.12	252	1075639	41.663	nq	99
90) Benzo(a)pyrene	24.96	252	1076584	43.251	nq	95
91) Dibenzo(a,h)anthracene	29.03	278	1053810	42.369	nq	98
92) Benzo(g,h,i)perylene	30.17	276	1068667	44.226	nq	99

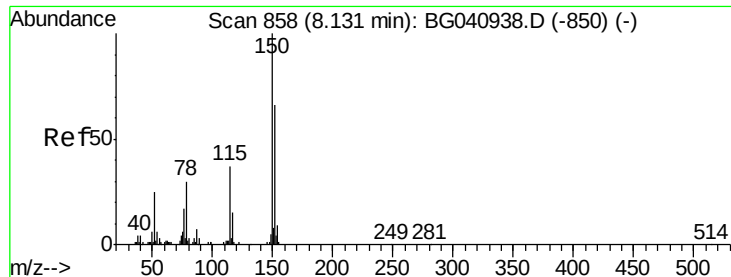
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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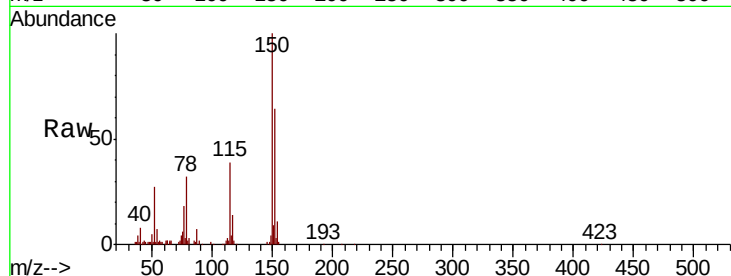


#1

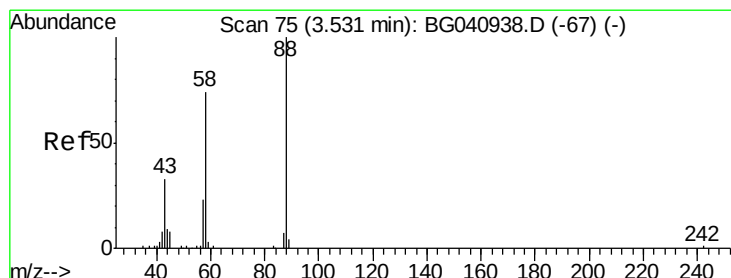
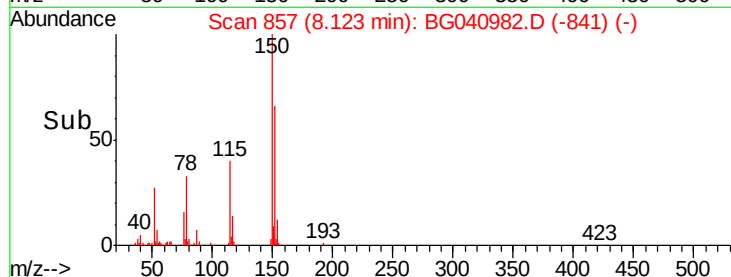
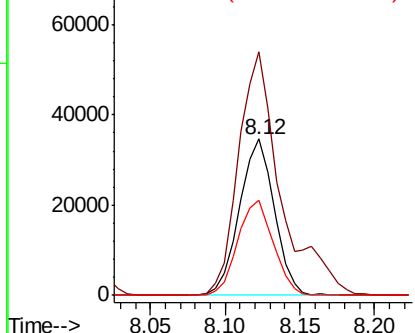
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB118819BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	120.6	180.8
115	61.0	45.1	67.7



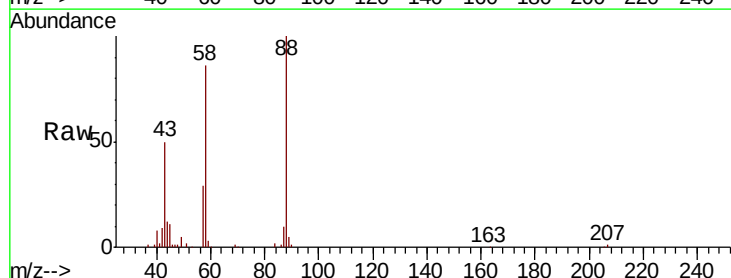
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



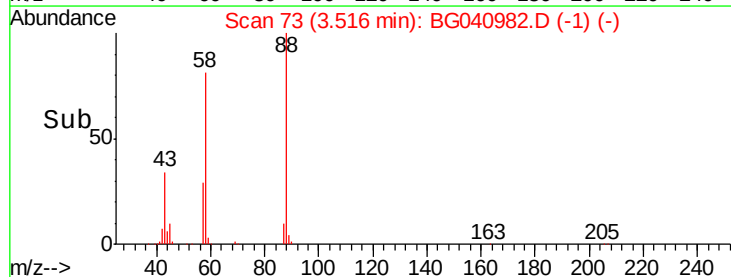
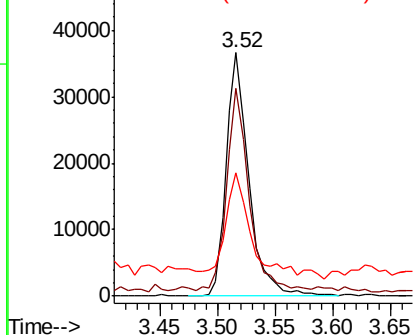
#2

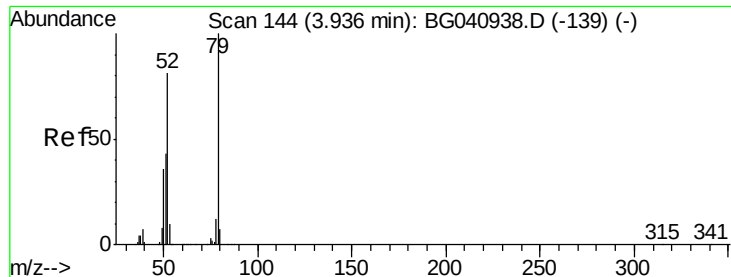
1,4-Dioxane
Concen: 35.345 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.8	59.0	88.6
43	52.4	27.2	40.8#



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: 31.526 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118819BS

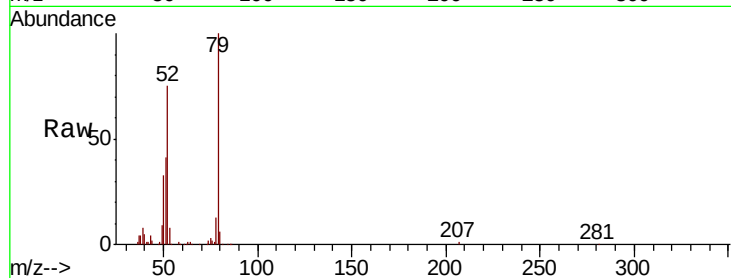
Tot Ion: 79 Resp: 131219

Ion Ratio Lower Upper

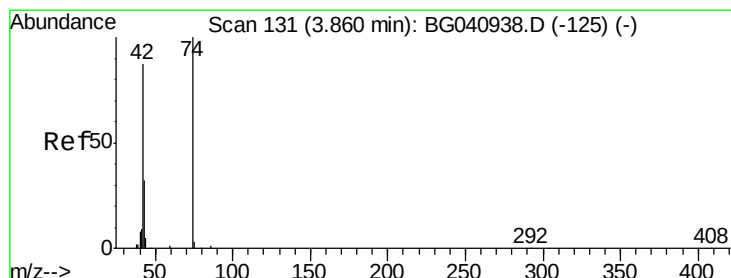
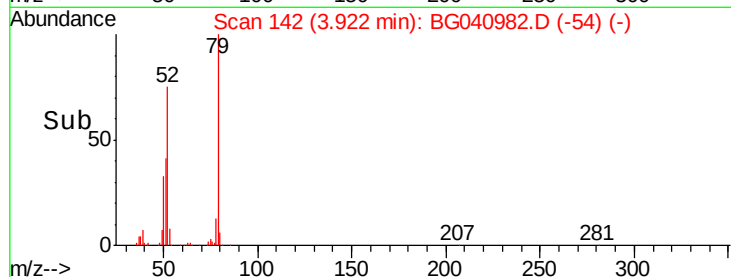
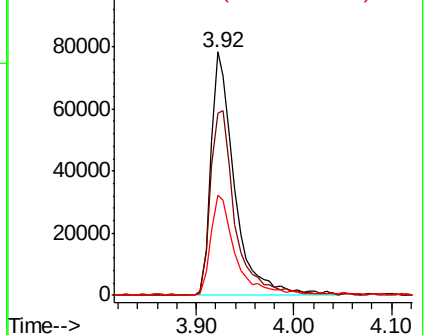
79 100

52 75.0 64.8 97.2

51 41.4 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.601 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

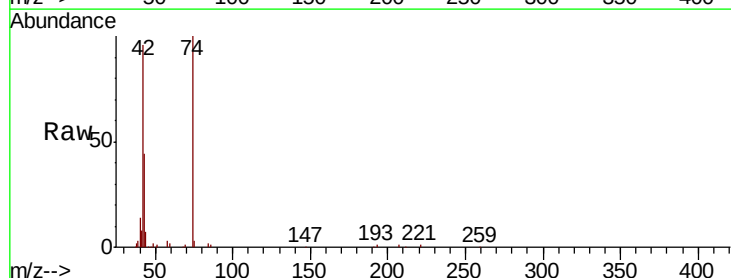
Tgt Ion: 42 Resp: 72635

Ion Ratio Lower Upper

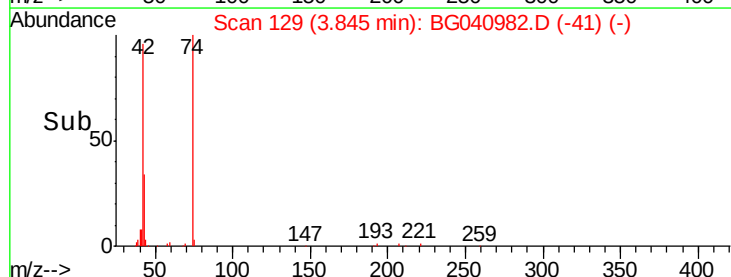
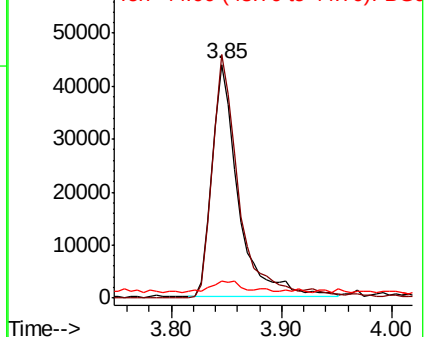
42 100

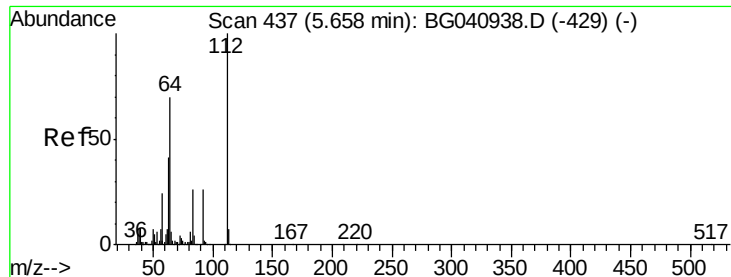
74 104.1 91.8 137.6

44 7.1 6.0 9.0



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 129.720 ng

RT: 5.65 min Scan# 437

Delta R.T. -0.00 min

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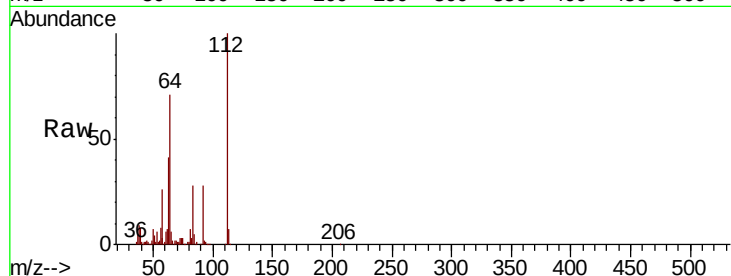
Tot Ion:112 Resp: 402108

Ion Ratio Lower Upper

112 100

64 71.4 56.2 84.2

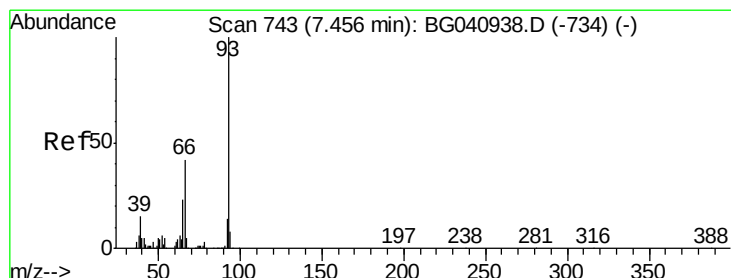
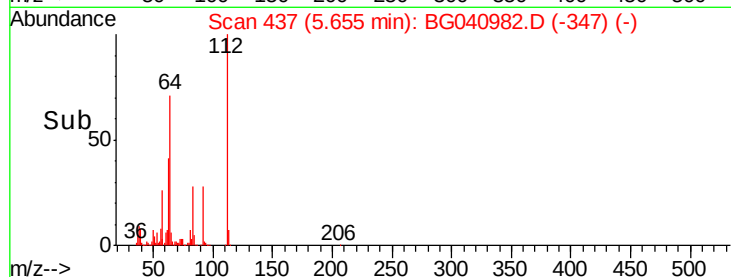
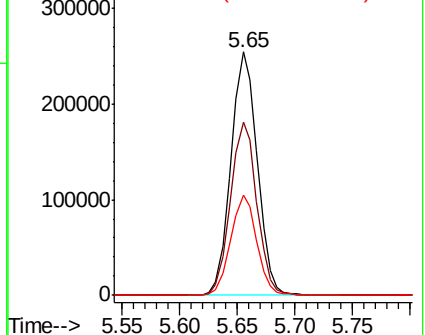
63 41.1 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.662 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

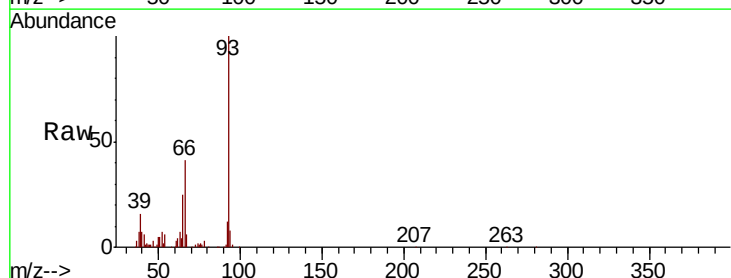
Tgt Ion: 93 Resp: 138424

Ion Ratio Lower Upper

93 100

66 41.0 33.8 50.8

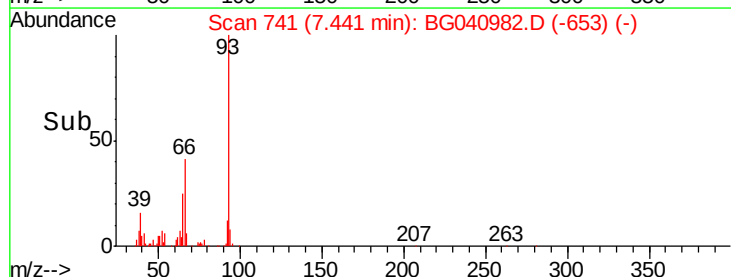
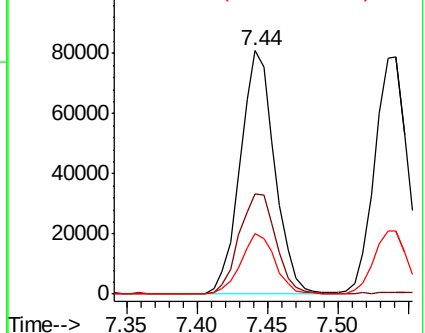
65 24.9 18.3 27.5

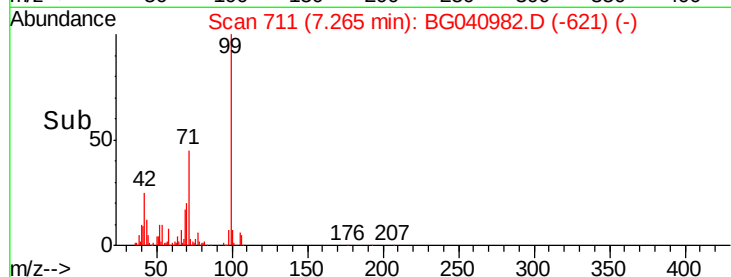
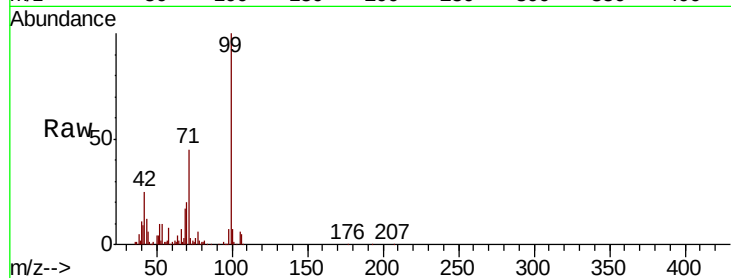
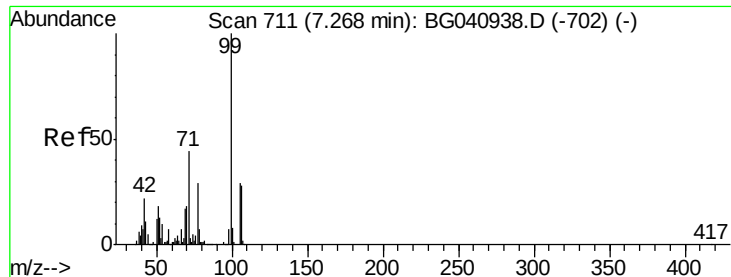


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.026 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.00 min

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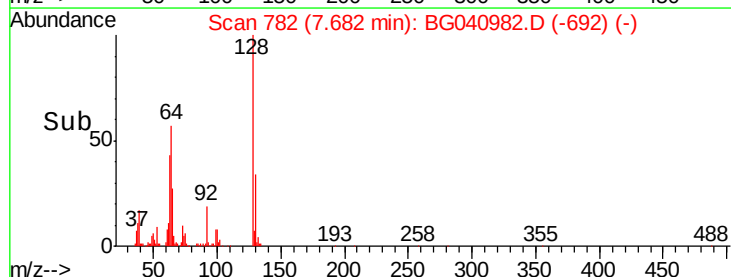
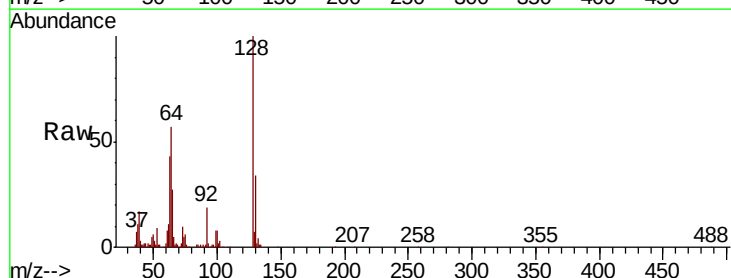
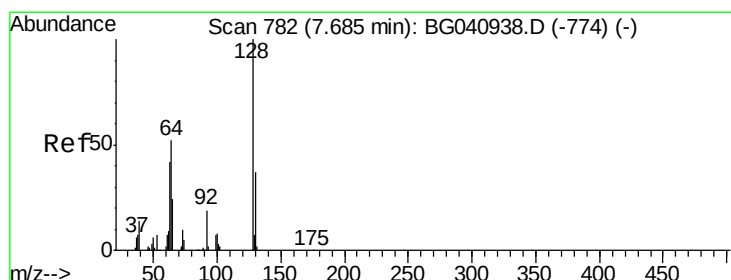
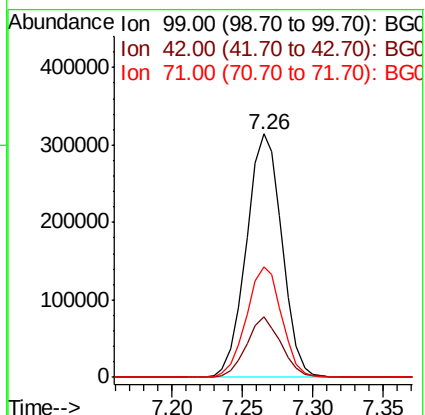
Tot Ion: 99 Resp: 555452

Ion Ratio Lower Upper

99 100

42 25.0 17.9 26.9

71 45.5 35.4 53.0



#8

2-Chlorophenol

Concen: 37.448 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

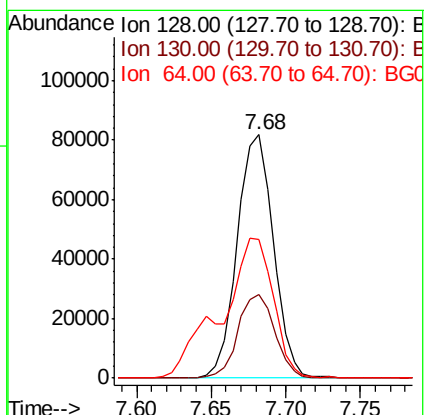
Tgt Ion: 128 Resp: 138389

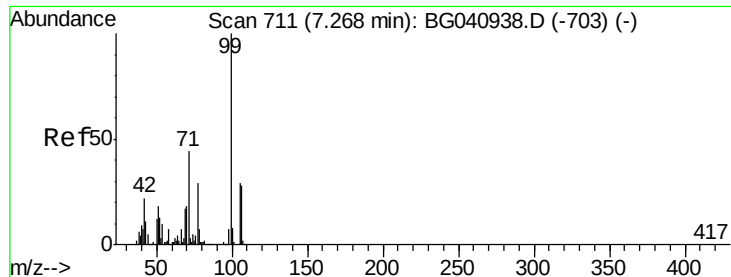
Ion Ratio Lower Upper

128 100

130 34.2 16.6 56.6

64 56.9 37.8 77.8





#9

Benzaldehyde

Concen: 15.056 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

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Acq: 31 May 2019 17:19

Instrument :

BNA_G

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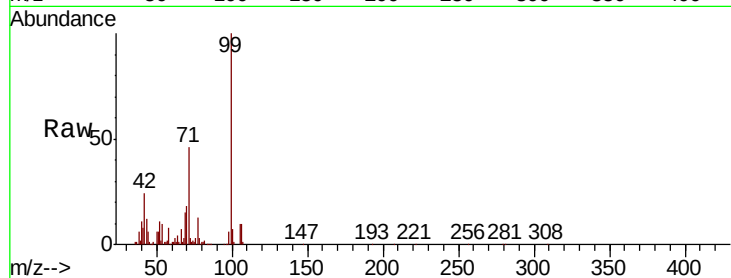
Tot Ion: 77 Resp: 42997

Ion Ratio Lower Upper

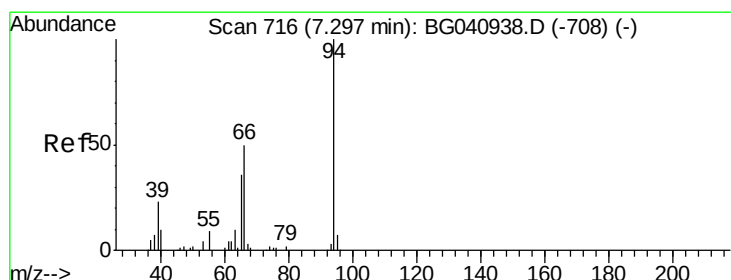
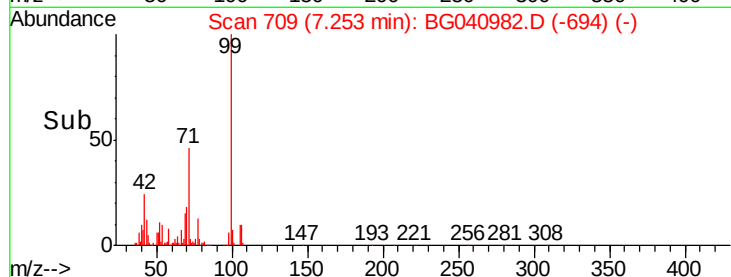
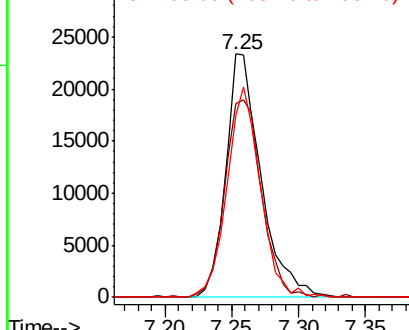
77 100

105 79.5 78.9 118.9

106 75.0 76.7 116.7#



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



#10

Phenol

Concen: 36.218 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

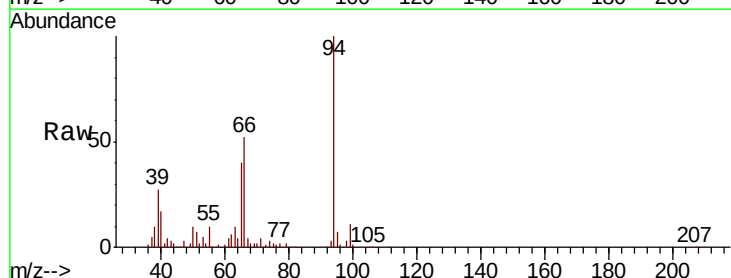
Tgt Ion: 94 Resp: 185905

Ion Ratio Lower Upper

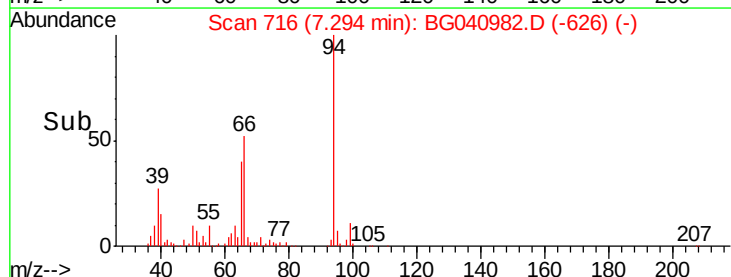
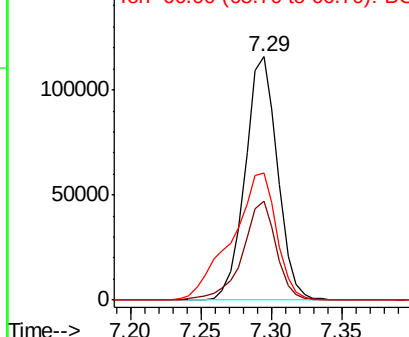
94 100

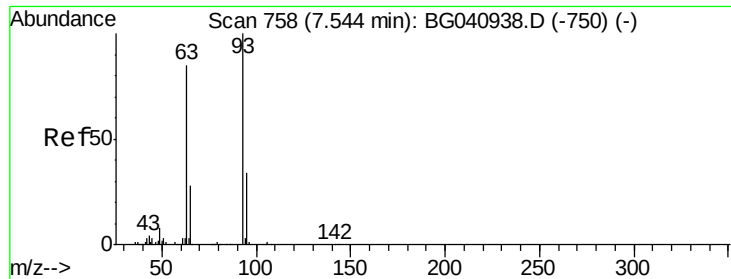
65 40.4 17.0 57.0

66 52.5 32.4 72.4



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

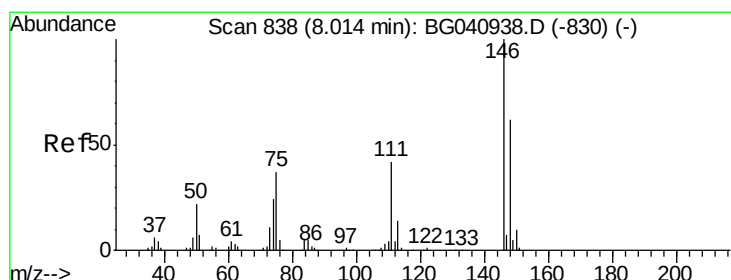
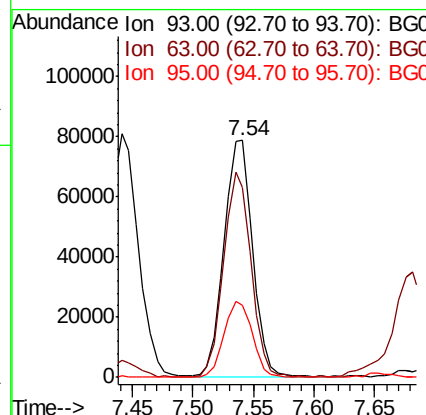
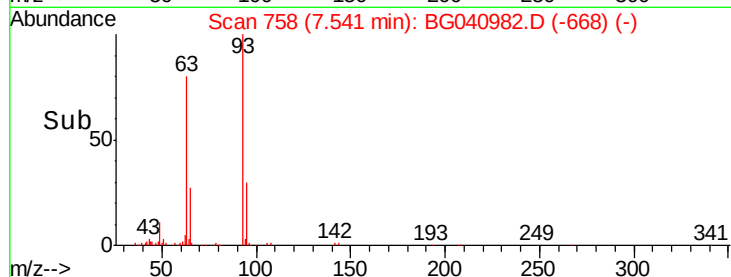
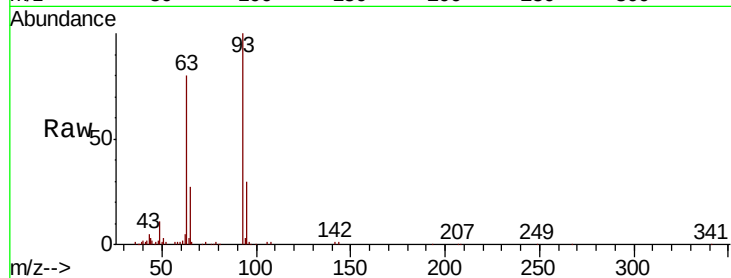




#11
bis(2-Chloroethyl)ether
Concen: 35.077 ng
RT: 7.54 min Scan# 758
Delta R.T. -0.00 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

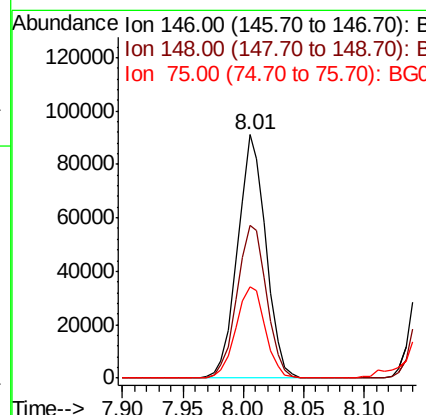
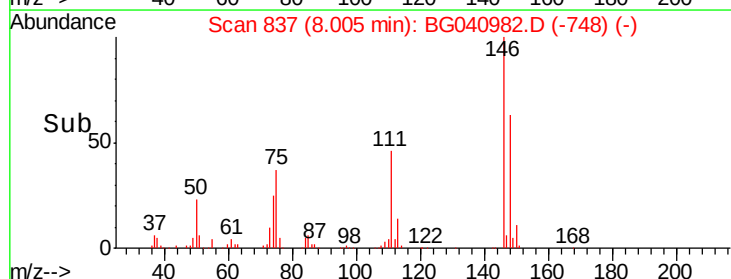
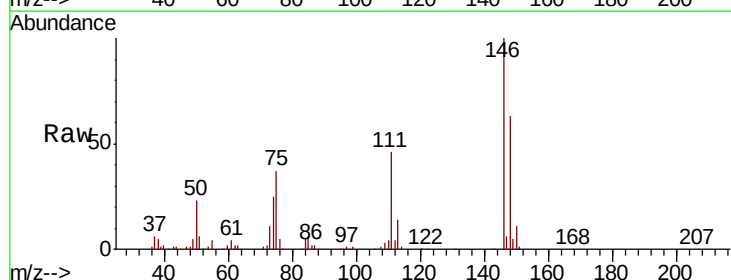
Instrument :
BNA_G
ClientSampleId :
PB118819BS

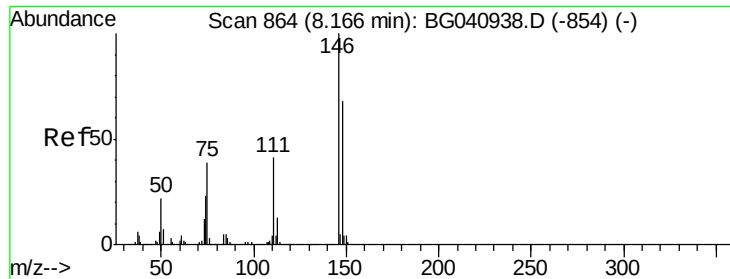
Tot Ion: 93 Resp: 130617
Ion Ratio Lower Upper
93 100
63 80.2 64.5 104.5
95 30.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 33.683 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Tgt Ion: 146 Resp: 148669
Ion Ratio Lower Upper
146 100
148 62.7 49.2 73.8
75 37.3 29.4 44.0

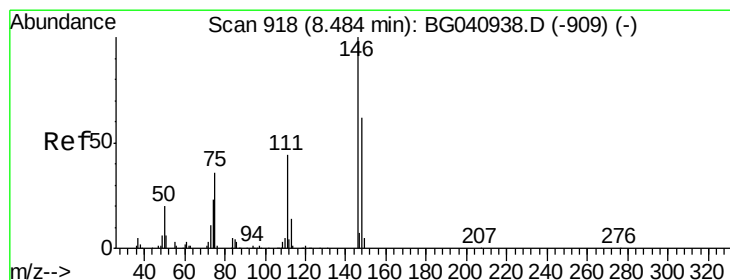
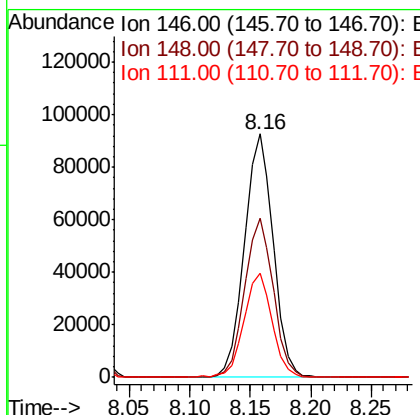
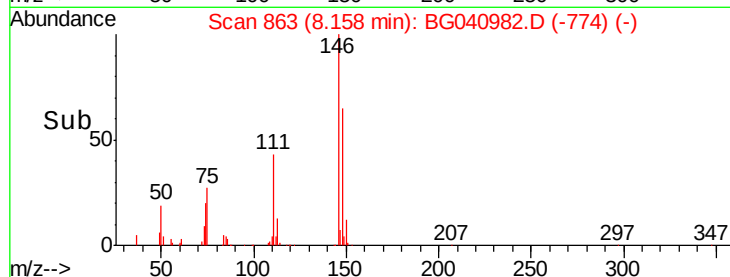
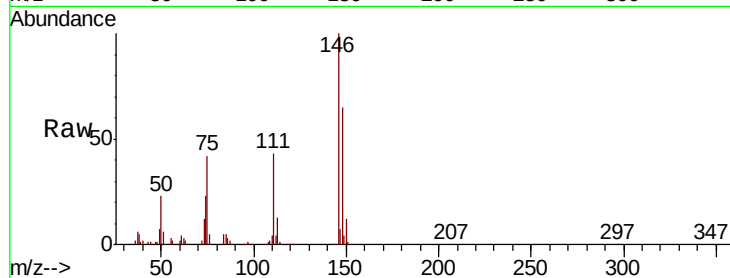




#13
 1,4-Dichlorobenzene
 Concen: 34.324 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BG040982.D
 Acq: 31 May 2019 17:19

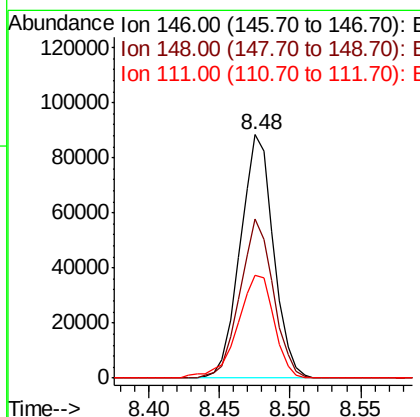
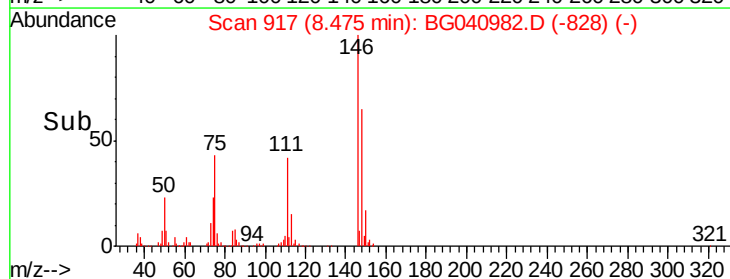
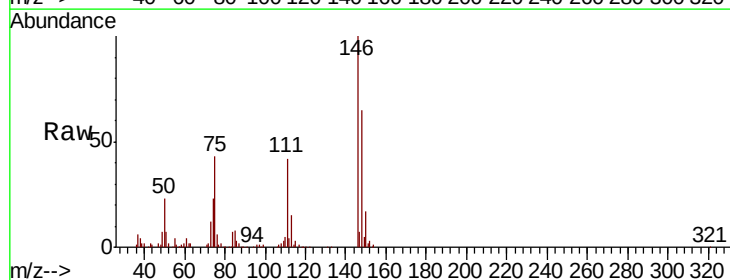
Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

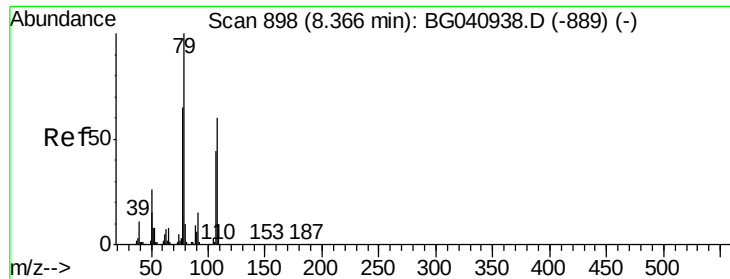
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	54.2	81.4
111	42.6	32.9	49.3



#14
 1,2-Dichlorobenzene
 Concen: 33.506 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BG040982.D
 Acq: 31 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	49.8	74.6
111	42.0	35.0	52.4





#15

Benzyl Alcohol

Concen: 34.995 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118819BS

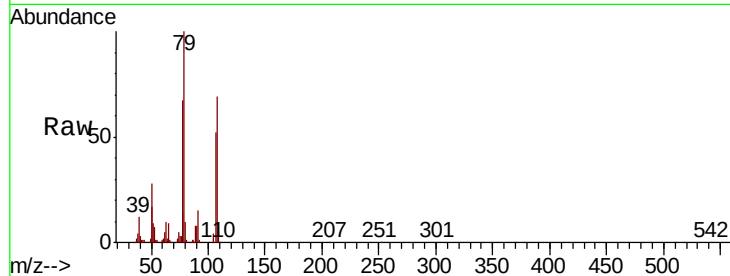
Tot Ion: 79 Resp: 154973

Ion Ratio Lower Upper

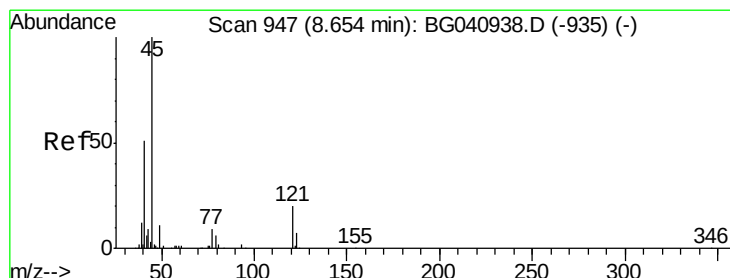
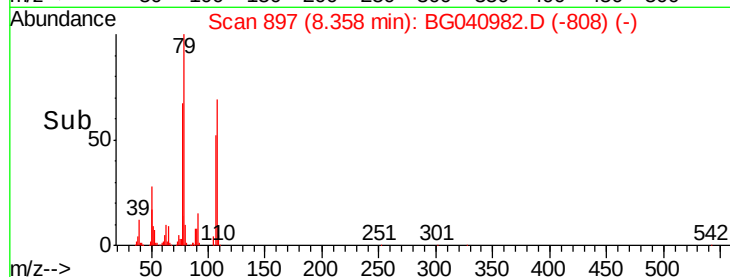
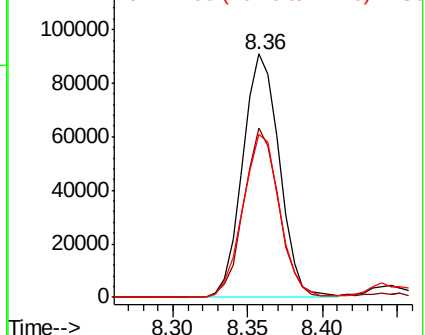
79 100

108 69.5 48.3 72.5

77 66.9 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.349 ng

RT: 8.63 min Scan# 944

Delta R.T. -0.02 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

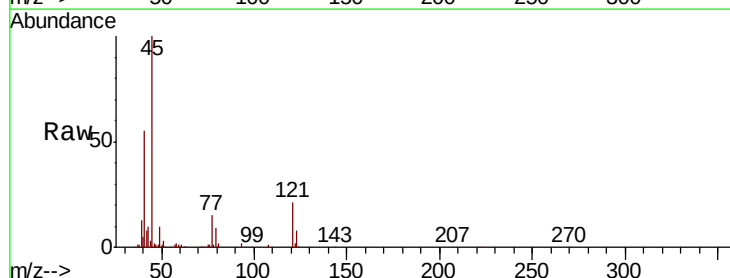
Tgt Ion: 45 Resp: 209003

Ion Ratio Lower Upper

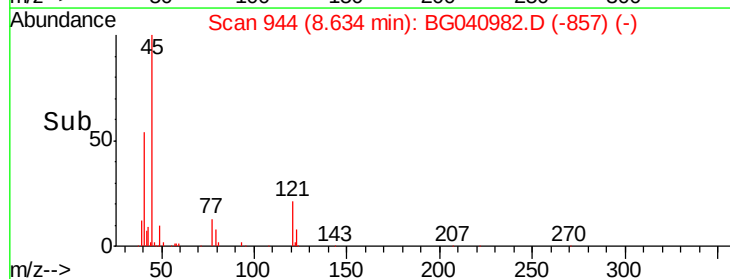
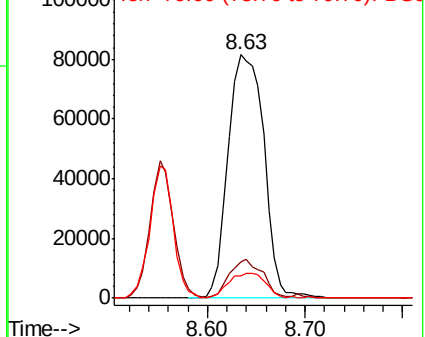
45 100

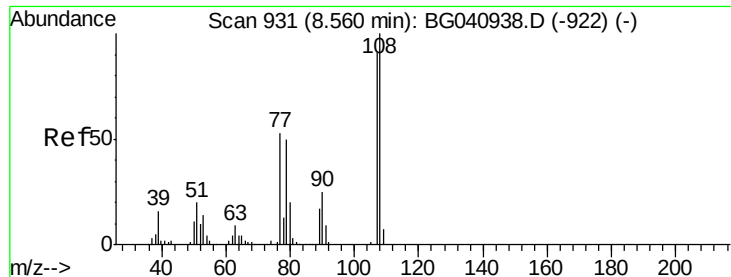
77 14.7 0.0 33.7

79 9.2 0.0 30.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

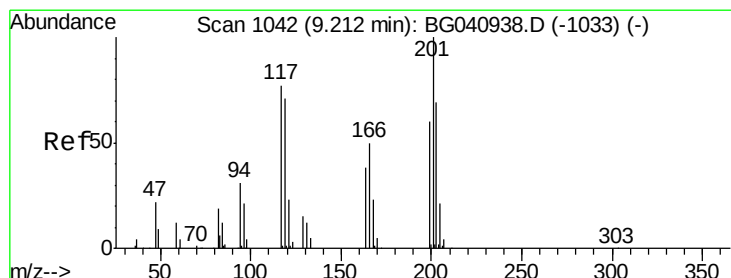
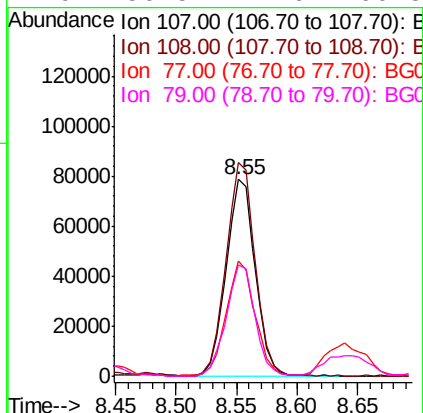
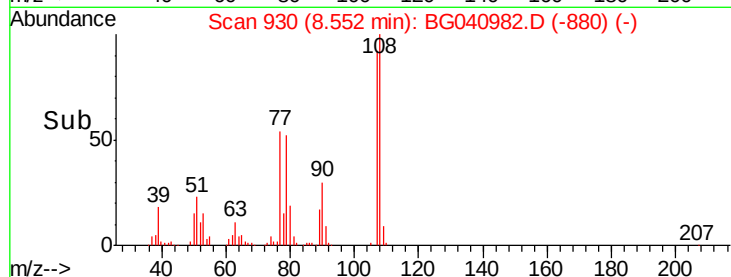
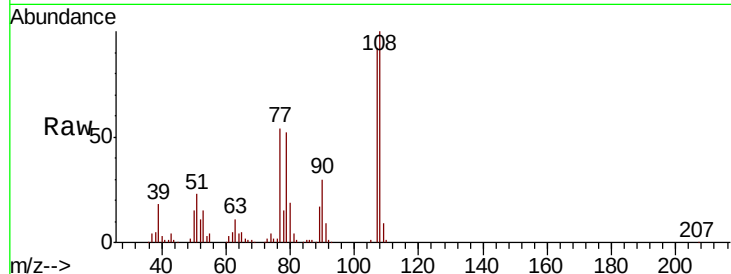




#17
2-Methylphenol
Concen: 35.511 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

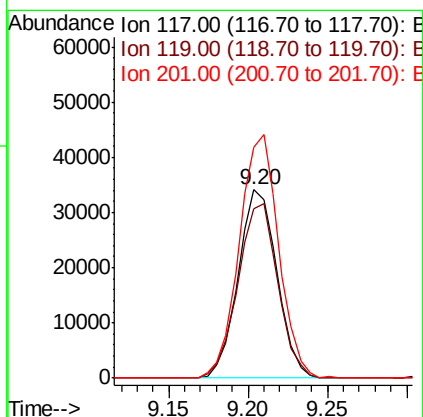
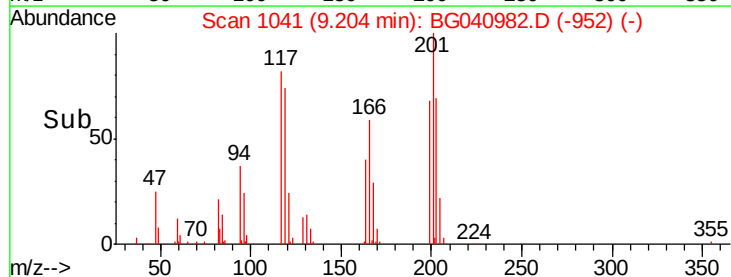
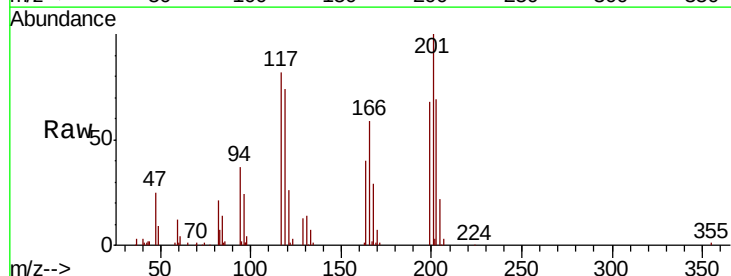
Instrument :
BNA_G
ClientSampleId :
PB118819BS

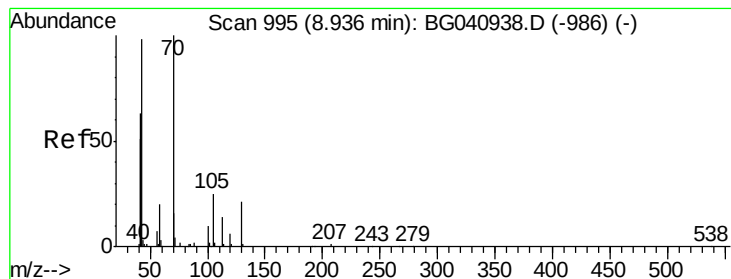
Tot Ion:	107	Resp:	131975
Ion	Ratio	Lower	Upper
107	100		
108	108.5	87.7	131.5
77	58.4	46.6	70.0
79	56.5	44.6	66.8



#18
Hexachloroethane
Concen: 33.542 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Tgt Ion:	117	Resp:	57757
Ion	Ratio	Lower	Upper
117	100		
119	90.3	75.0	112.6
201	122.5	103.5	155.3





#19

n-Nitroso-di-n-propylamine

Concen: 33.577 ng

RT: 8.92 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118819BS

Tot Ion: 70 Resp: 123703

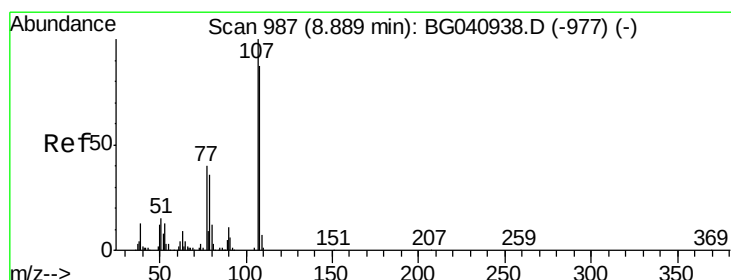
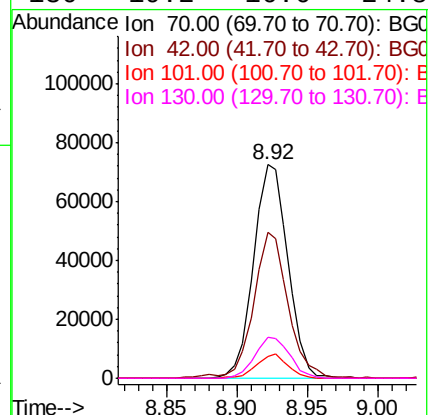
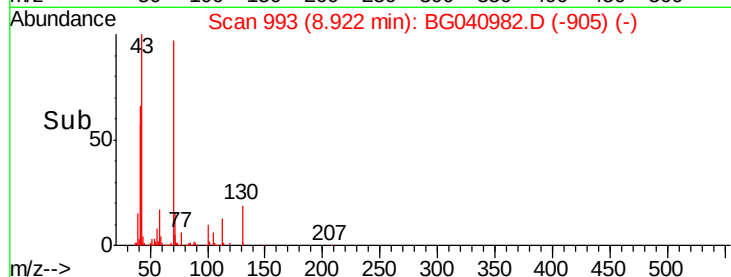
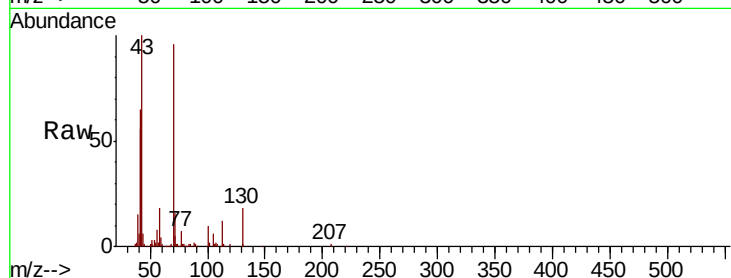
Ion Ratio Lower Upper

70 100

42 68.2 51.5 77.3

101 10.4 8.1 12.1

130 19.2 16.6 24.8



#20

3+4-Methylphenols

Concen: 34.934 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Tgt Ion: 107 Resp: 179845

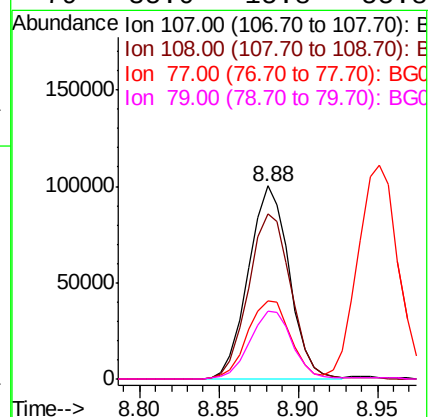
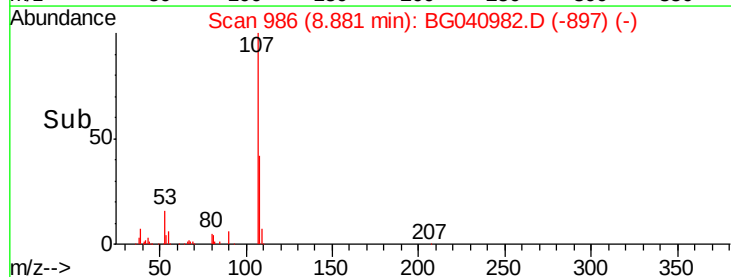
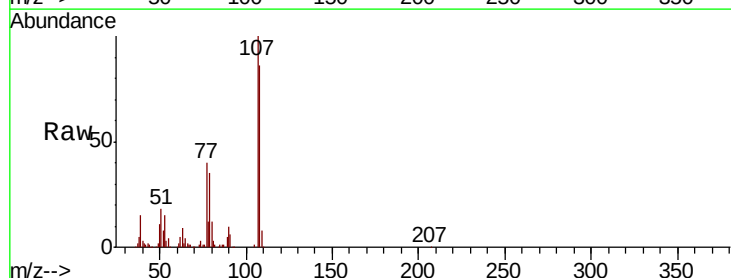
Ion Ratio Lower Upper

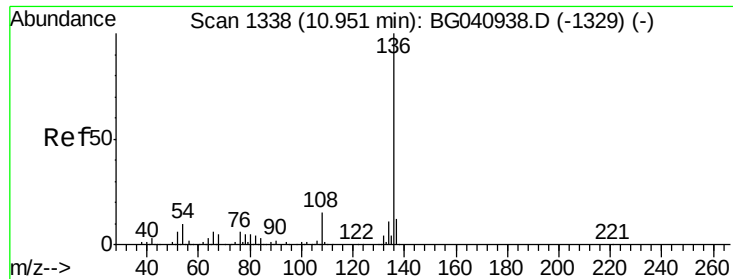
107 100

108 85.5 66.8 106.8

77 40.4 20.5 60.5

79 35.0 15.8 55.8

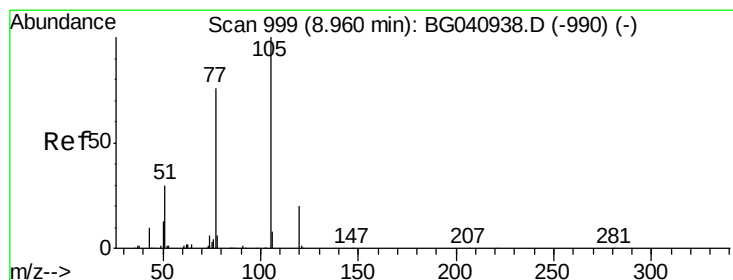
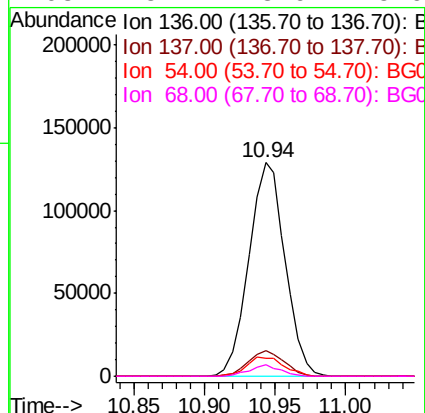
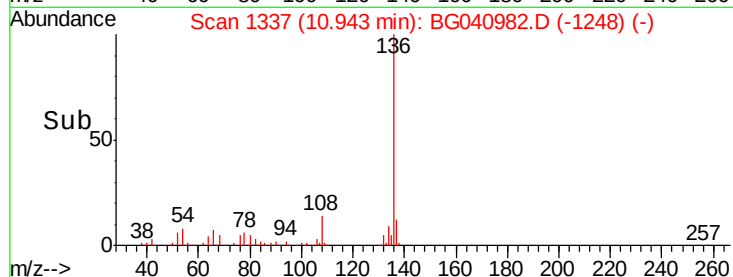
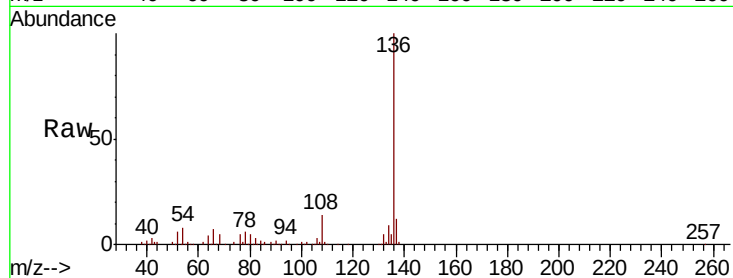




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

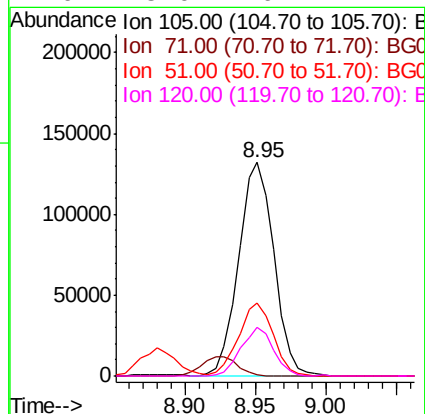
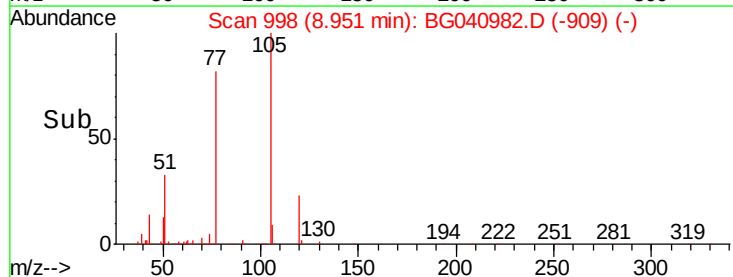
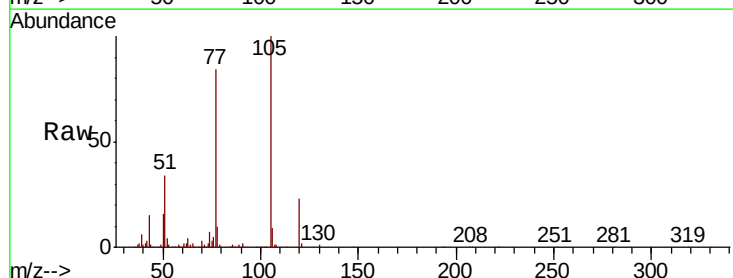
Instrument :
BNA_G
ClientSampleId :
PB118819BS

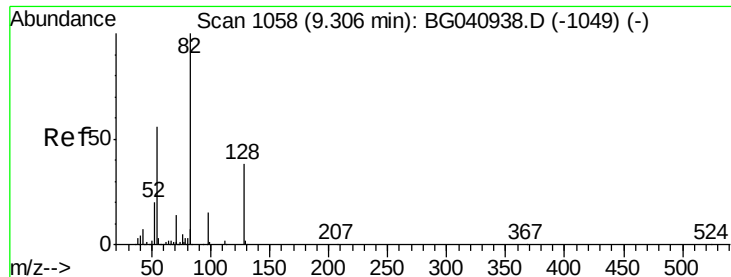
Tot Ion:	136	Resp:	231283
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	8.5	7.6	11.4
68	5.1	3.9	5.9



#22
Acetophenone
Concen: 35.604 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Tgt Ion:	105	Resp:	230992
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6
51	34.1	27.0	40.6
120	23.0	16.2	24.4

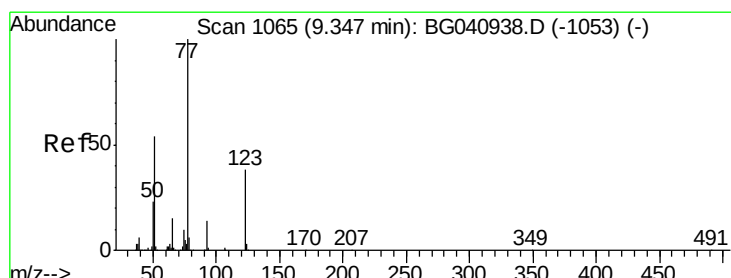
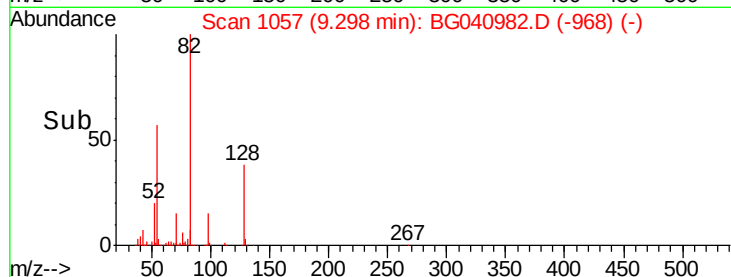
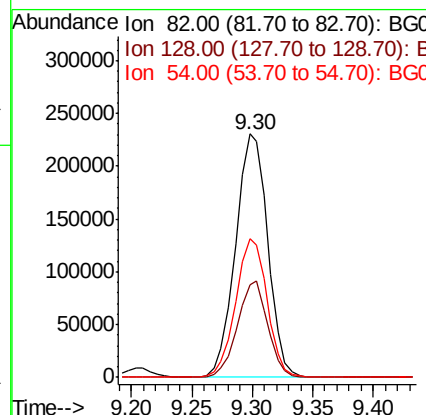
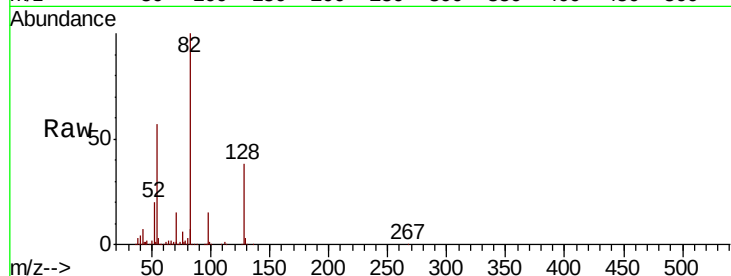




#23
 Nitrobenzene-d5
 Concen: 82.100 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG040982.D
 Acq: 31 May 2019 17:19

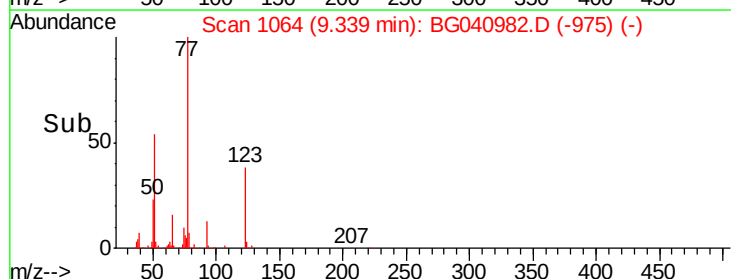
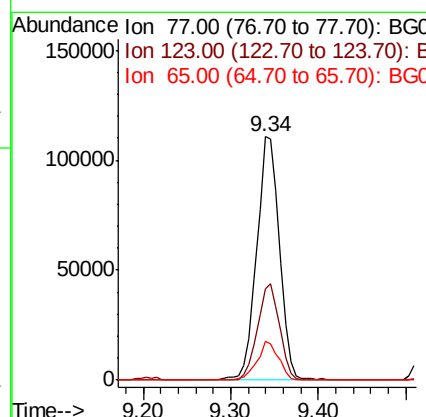
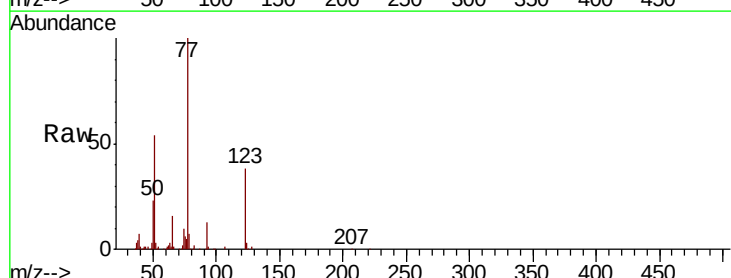
Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

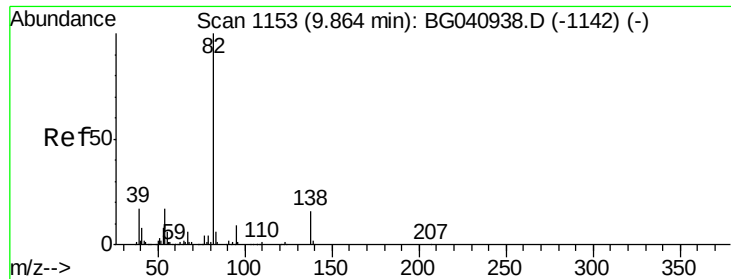
Tot Ion	82	Resp	427724
Ion Ratio	Lower	Upper	
82	100		
128	38.0	30.5	45.7
54	56.8	44.6	66.8



#24
 Nitrobenzene
 Concen: 36.806 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BG040982.D
 Acq: 31 May 2019 17:19

Tgt Ion	77	Resp	195411
Ion Ratio	Lower	Upper	
77	100		
123	37.5	30.6	46.0
65	16.0	12.3	18.5





#25

Isophorone

Concen: 35.256 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118819BS

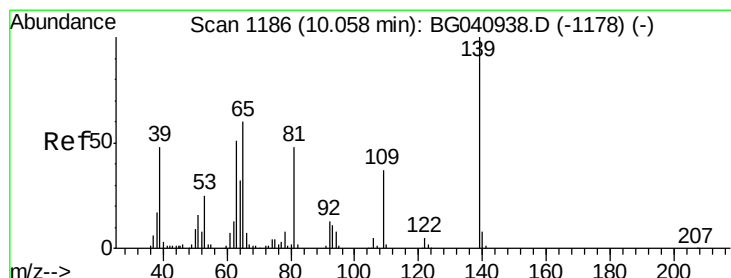
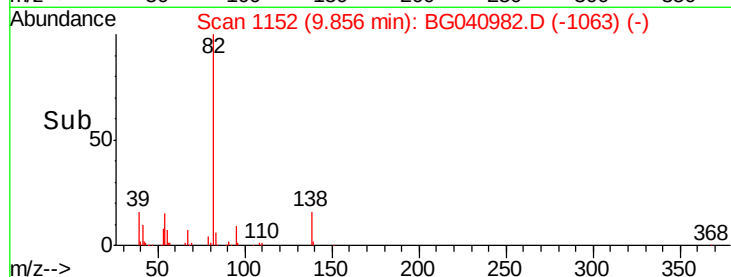
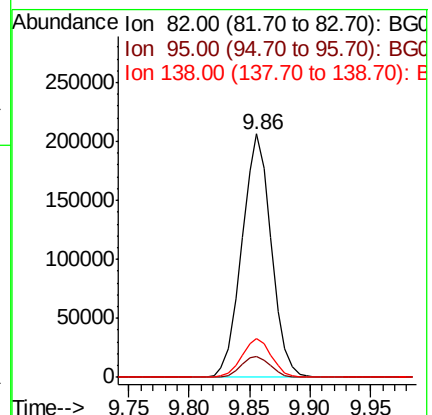
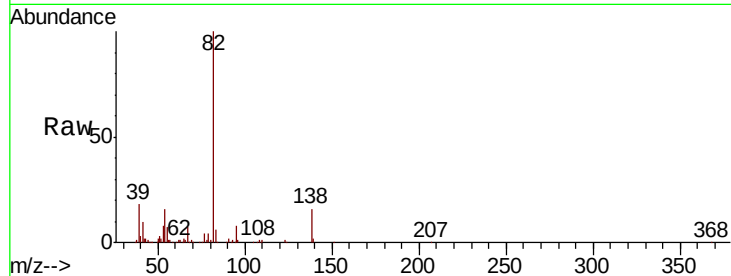
Tot Ion: 82 Resp: 349550

Ion Ratio Lower Upper

82 100

95 8.4 7.0 10.4

138 15.8 12.6 19.0



#26

2-Nitrophenol

Concen: 37.173 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

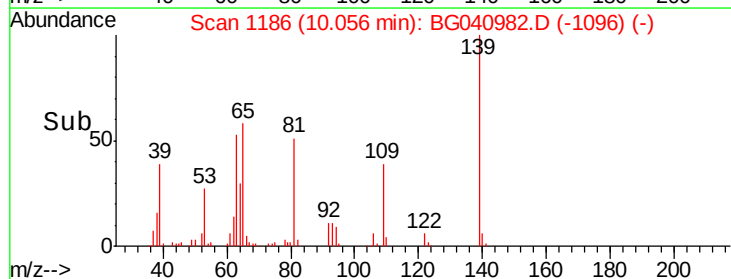
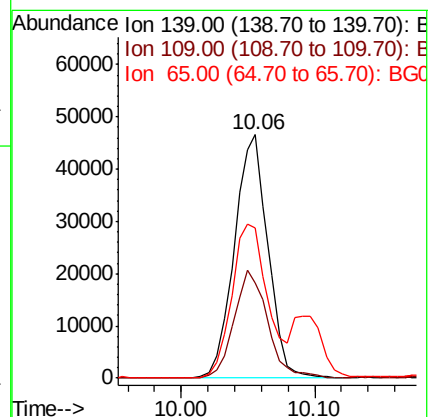
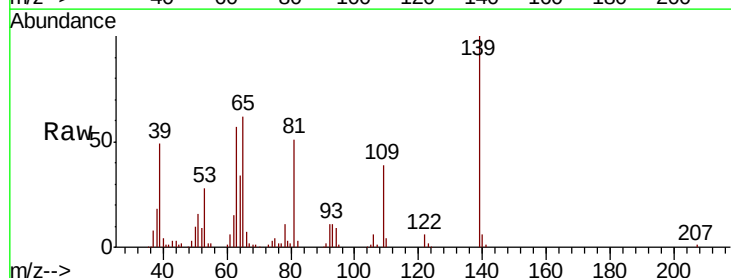
Tgt Ion: 139 Resp: 81363

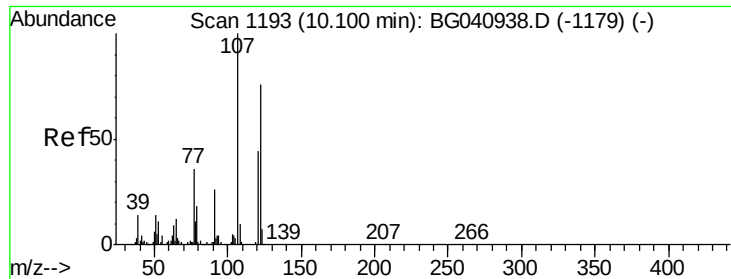
Ion Ratio Lower Upper

139 100

109 39.2 29.8 44.6

65 61.6 47.8 71.6

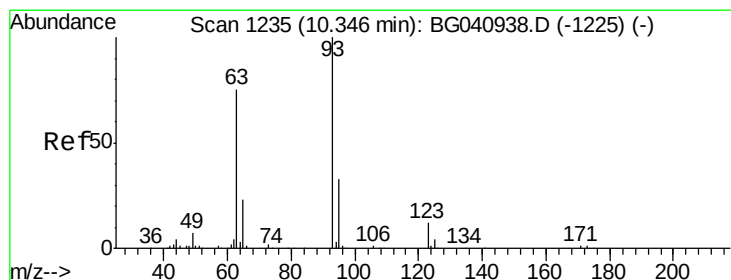
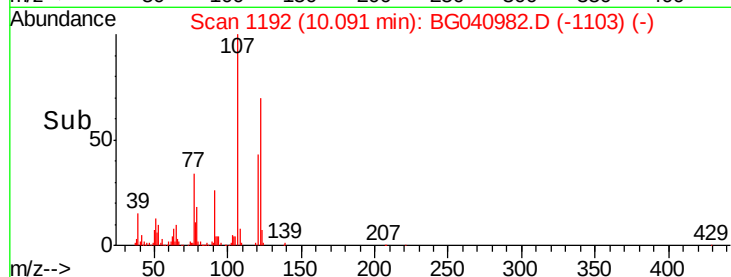
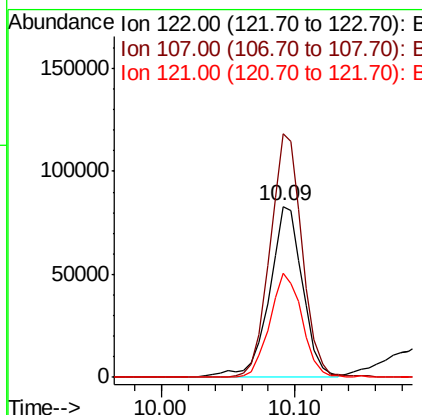
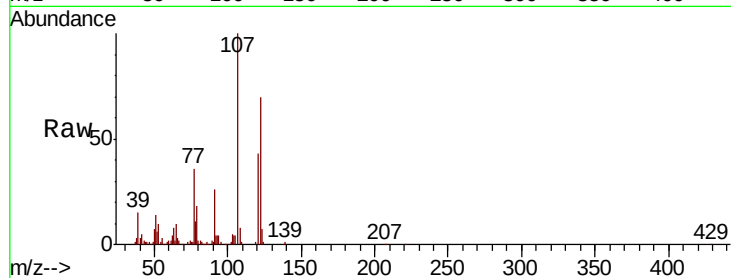




#27
 2,4-Dimethylphenol
 Concen: 39.822 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG040982.D
 Acq: 31 May 2019 17:19

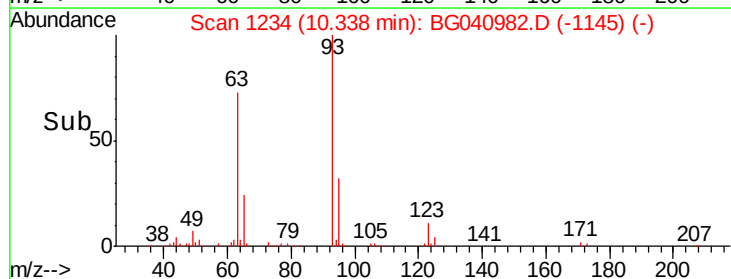
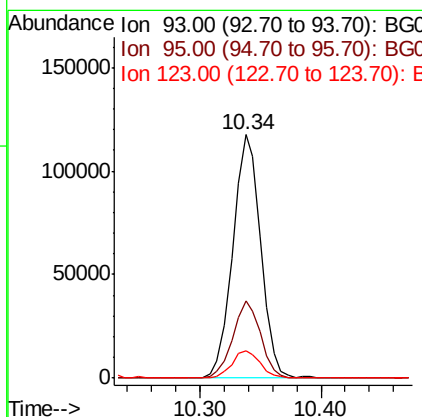
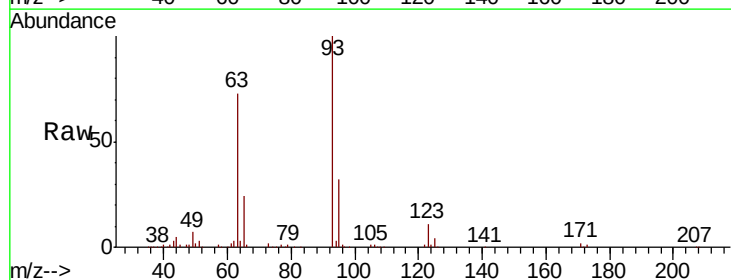
Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

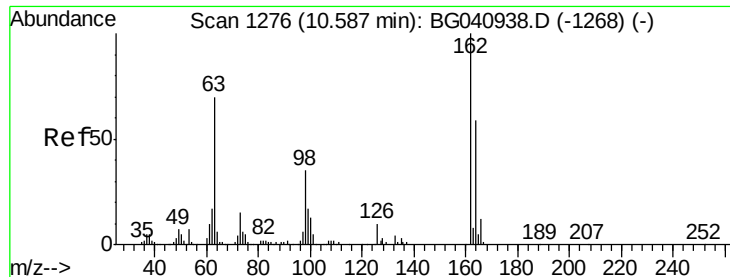
Tot Ion	Ratio	Lower	Upper
122	100		
107	142.5	105.9	158.9
121	61.1	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.219 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG040982.D
 Acq: 31 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.2	39.2
123	11.1	9.5	14.3

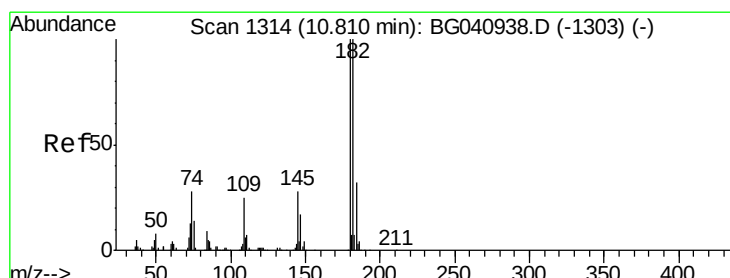
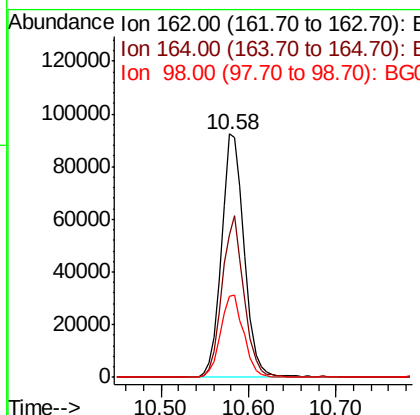
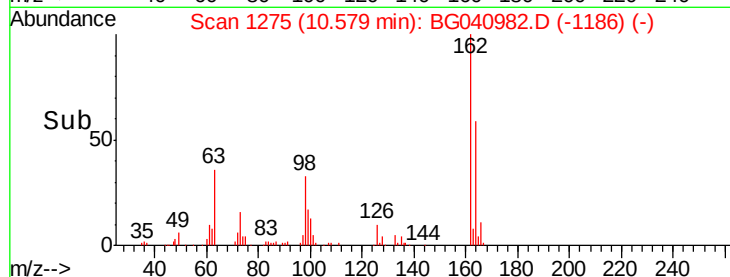
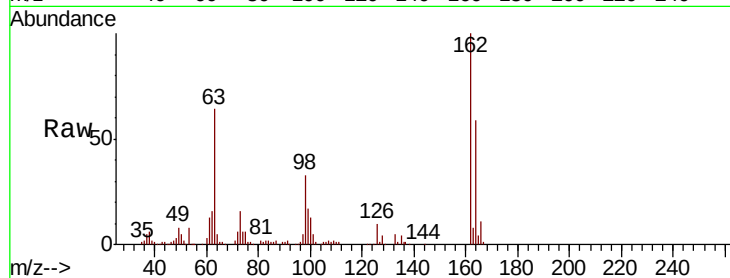




#29
2,4-Dichlorophenol
Concen: 36.085 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

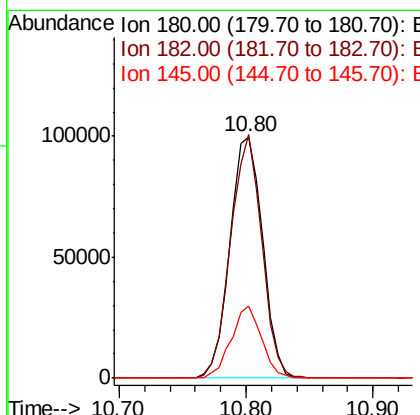
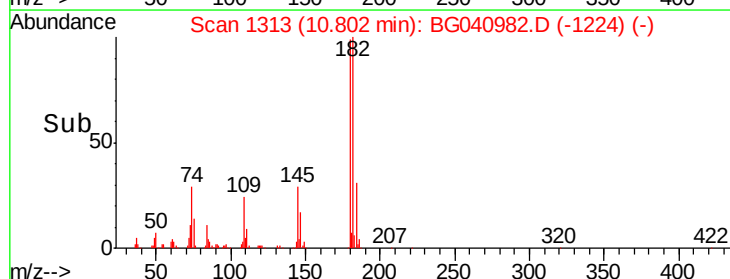
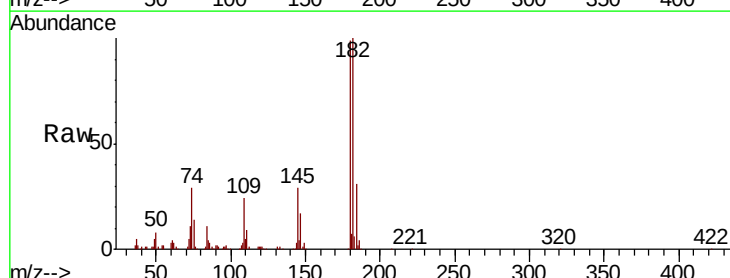
Instrument :
BNA_G
ClientSampleId :
PB118819BS

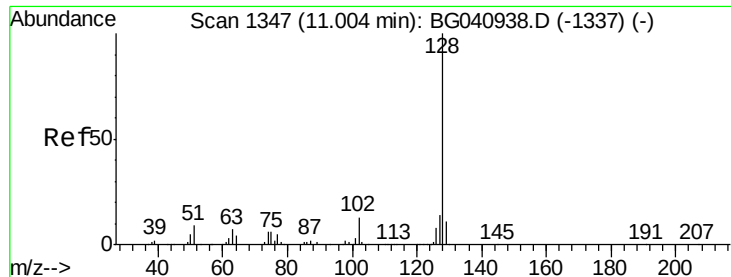
Tot Ion	Ratio	Lower	Upper
162	100		
164	58.6	39.4	79.4
98	33.3	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 33.914 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.8	79.7	119.5
145	29.7	22.6	34.0

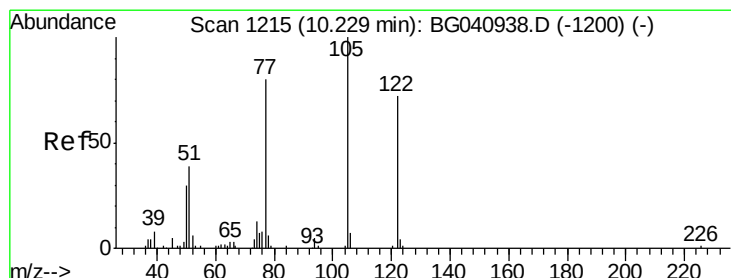
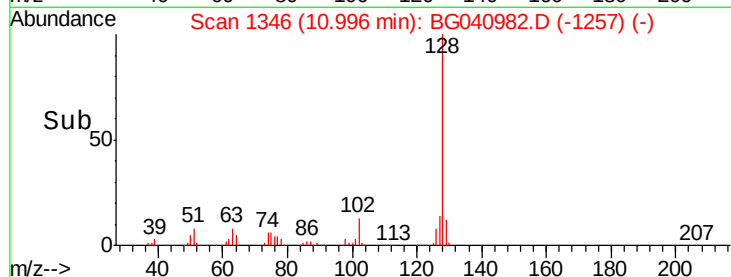
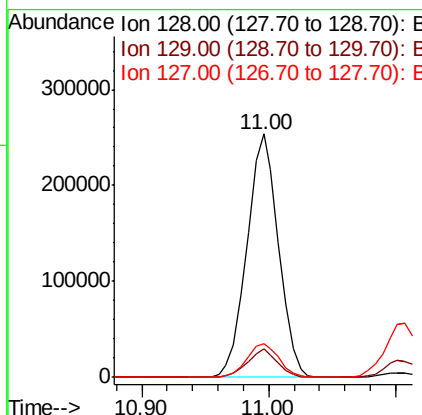
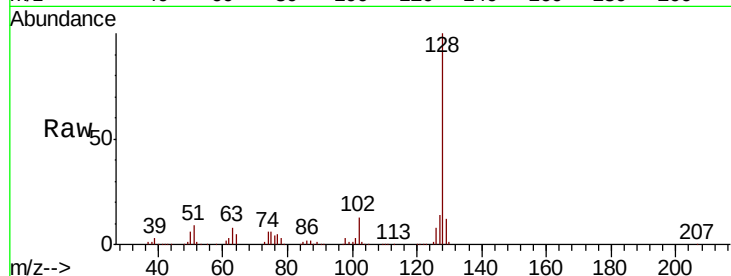




#31
Naphthalene
Concen: 35.294 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

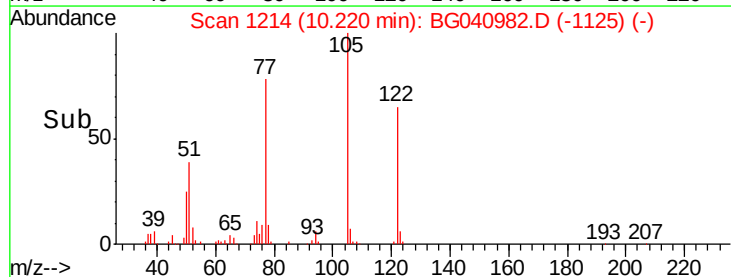
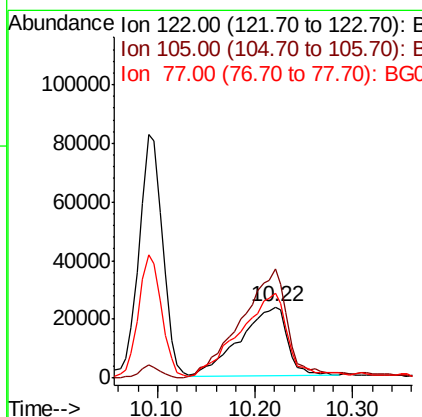
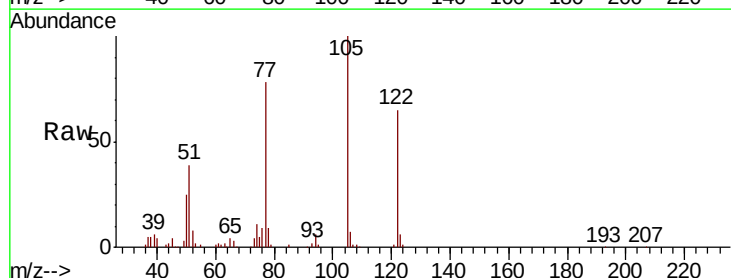
Instrument :
BNA_G
ClientSampleId :
PB118819BS

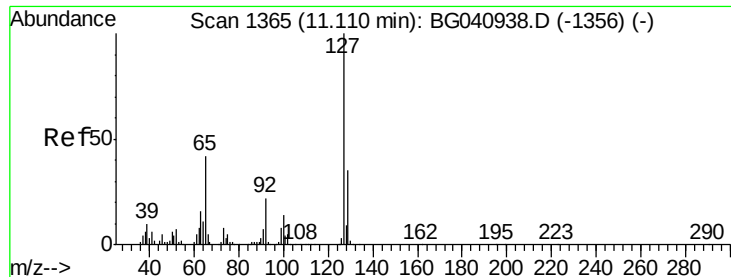
Tot Ion:128 Resp: 438273
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 13.6 11.4 17.2



#32
Benzoic acid
Concen: 32.231 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Tgt Ion:122 Resp: 81556
Ion Ratio Lower Upper
122 100
105 153.0 114.8 154.8
77 119.8 89.9 129.9

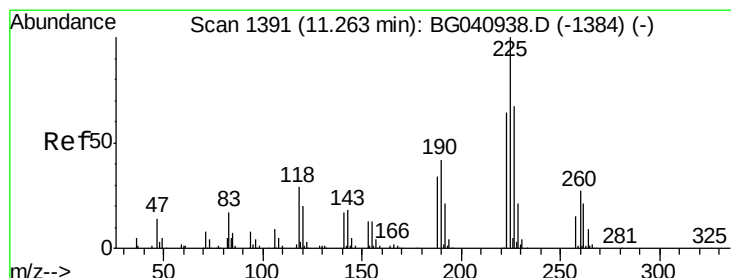
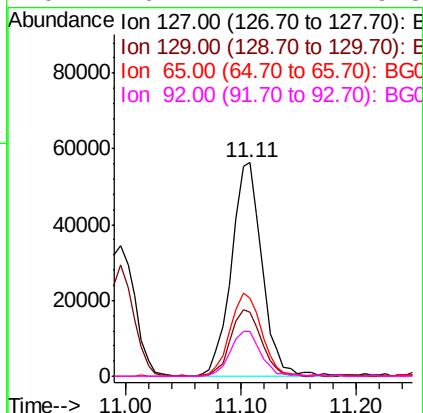
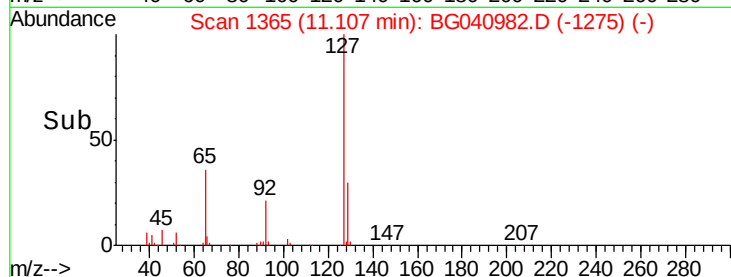
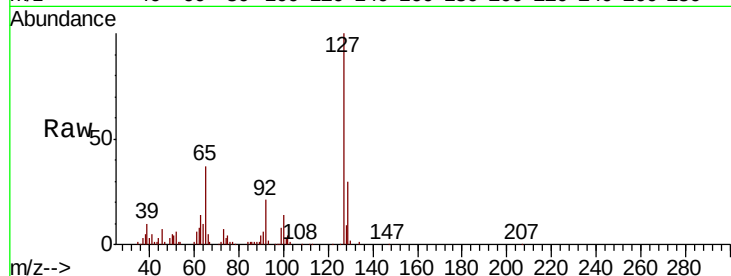




#33
4-Chloroaniline
Concen: 18.068 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

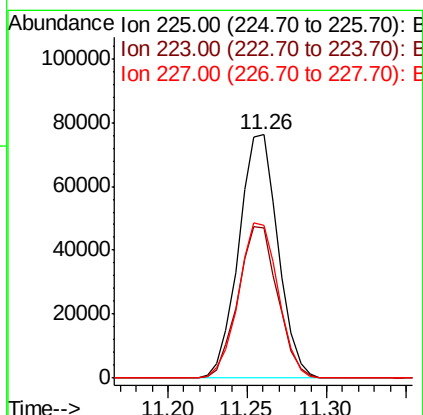
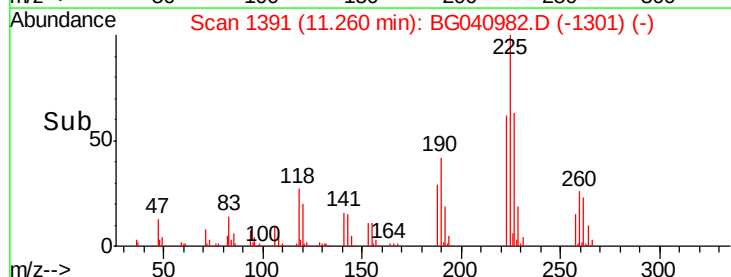
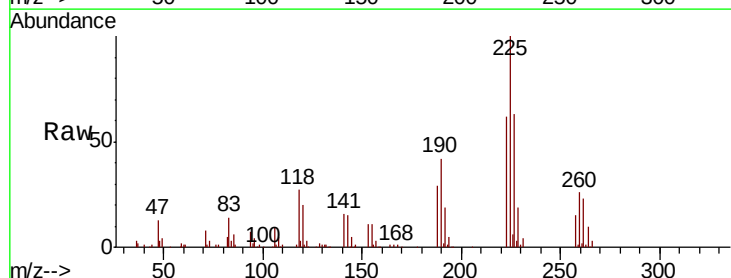
Instrument :
BNA_G
ClientSampleId :
PB118819BS

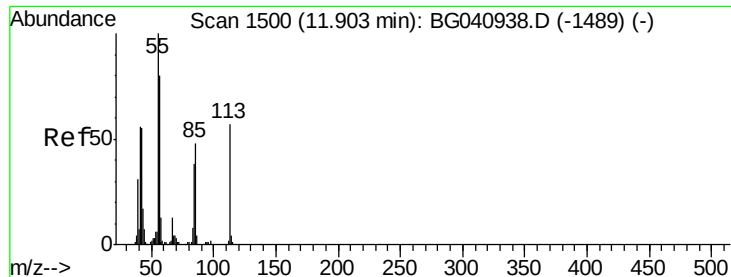
Tot Ion:	127	Resp:	104103
Ion	Ratio	Lower	Upper
127	100		
129	30.0	27.7	41.5
65	36.7	33.2	49.8
92	20.7	17.2	25.8



#34
Hexachlorobutadiene
Concen: 32.742 ng
RT: 11.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Tgt Ion:	225	Resp:	130824
Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.8	73.2
227	62.7	51.4	77.0

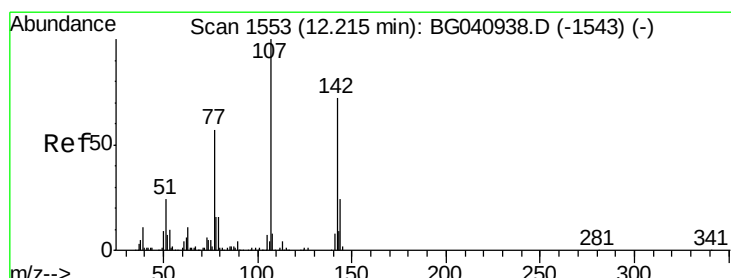
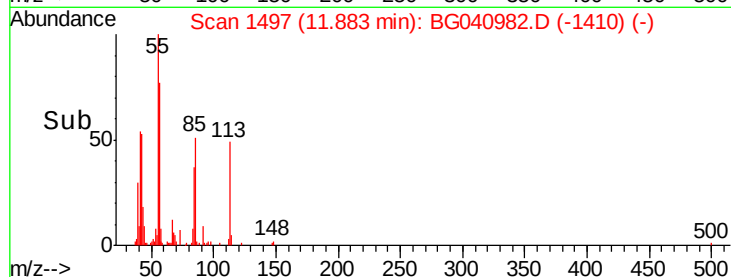
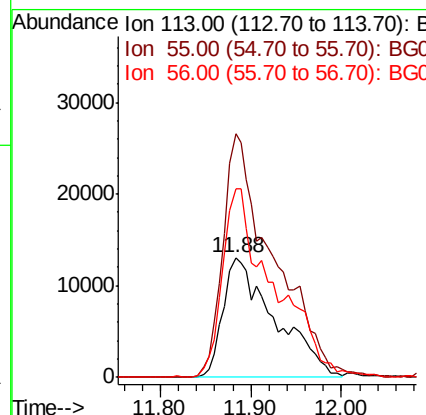
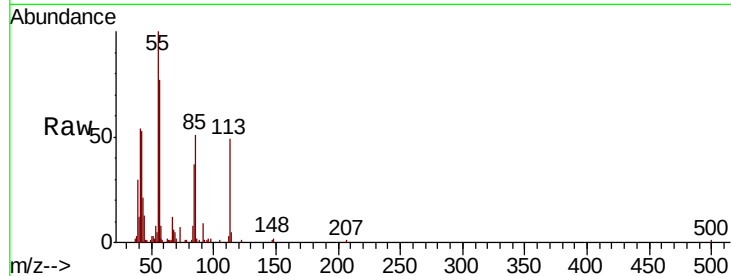




#35
 Caprolactam
 Concen: 33.924 ng
 RT: 11.88 min Scan# 1497
 Delta R.T. -0.02 min
 Lab File: BG040982.D
 Acq: 31 May 2019 17:19

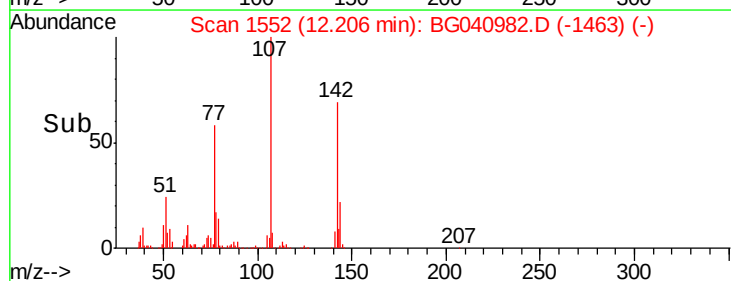
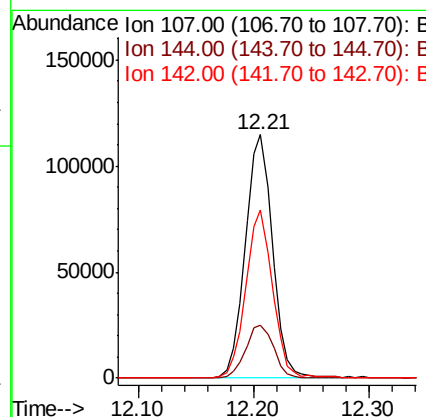
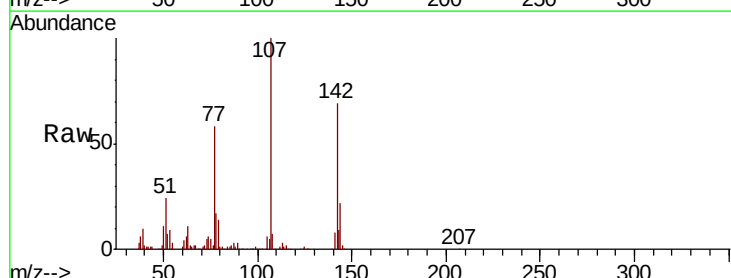
Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

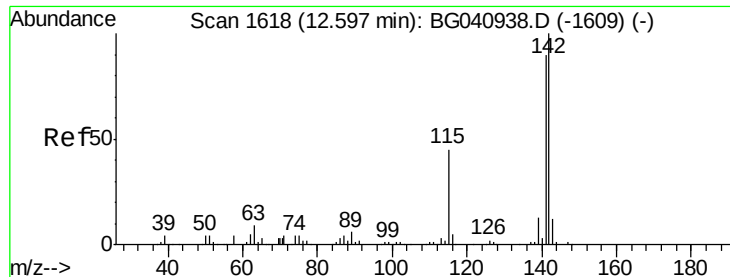
Tot Ion:113 Resp: 51425
 Ion Ratio Lower Upper
 113 100
 55 203.6 155.9 195.9#
 56 157.6 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 35.843 ng
 RT: 12.21 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BG040982.D
 Acq: 31 May 2019 17:19

Tgt Ion:107 Resp: 187911
 Ion Ratio Lower Upper
 107 100
 144 21.9 19.4 29.0
 142 69.3 57.3 85.9

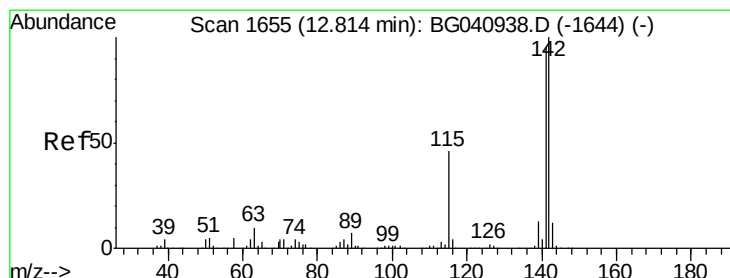
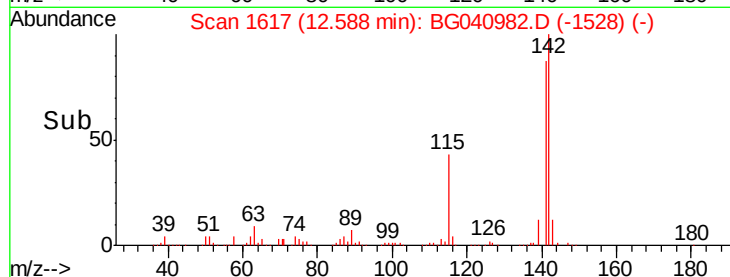
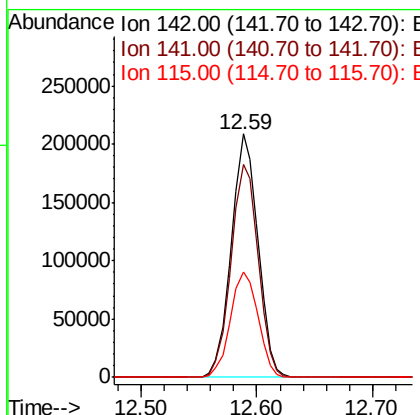
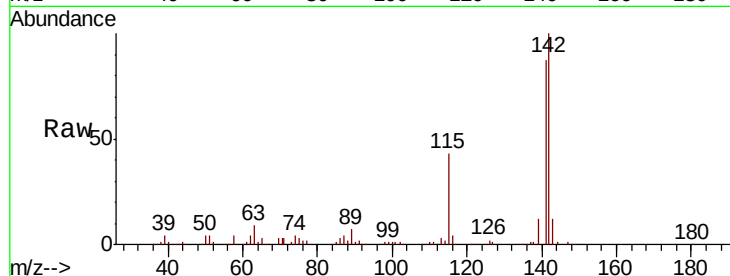




#37
2-Methylnaphthalene
Concen: 34.834 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

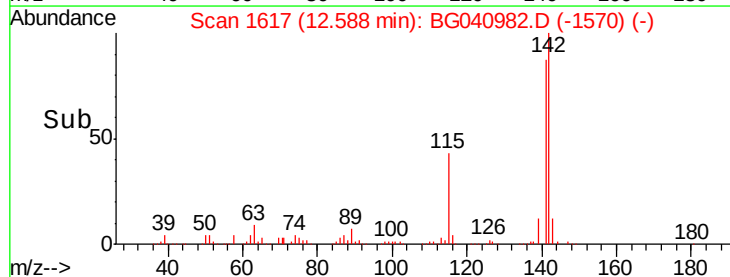
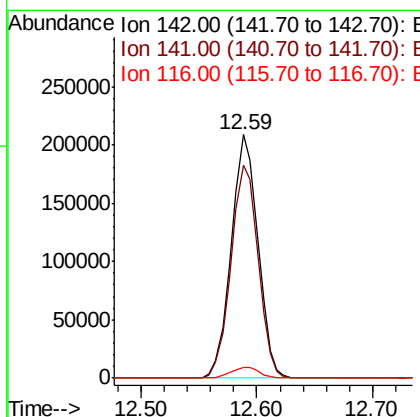
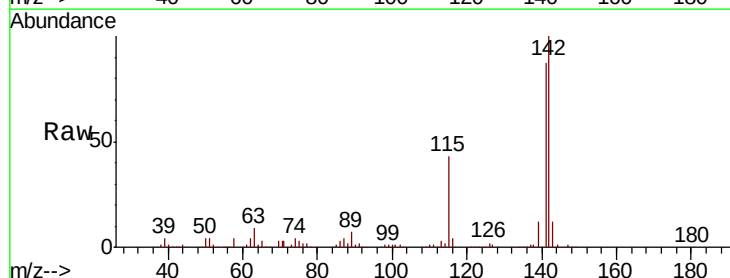
Instrument :
BNA_G
ClientSampleId :
PB118819BS

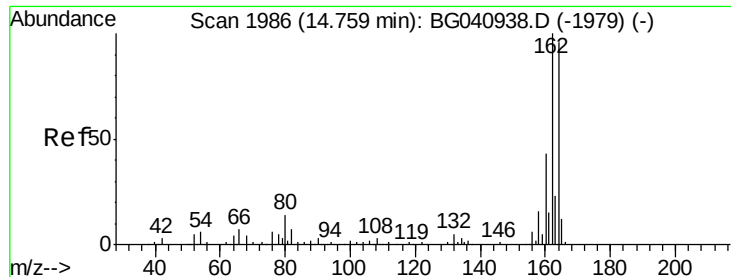
Tot Ion:142 Resp: 333154
Ion Ratio Lower Upper
142 100
141 87.2 72.2 108.4
115 43.1 36.2 54.4



#38
1-Methylnaphthalene
Concen: 36.966 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.23 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Tgt Ion:142 Resp: 333154
Ion Ratio Lower Upper
142 100
141 87.2 75.7 113.5
116 4.3 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

BNA_G

ClientSampled :

PB118819BS

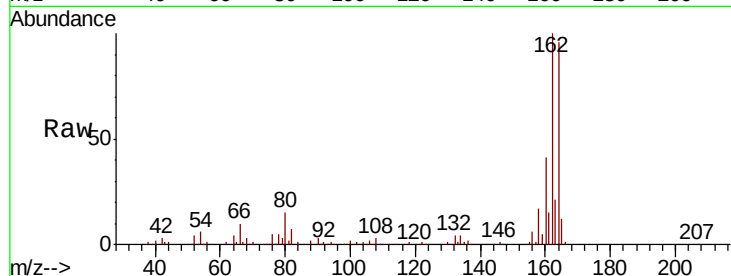
Tot Ion:164 Resp: 170188

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.4

160 42.6 35.6 53.4

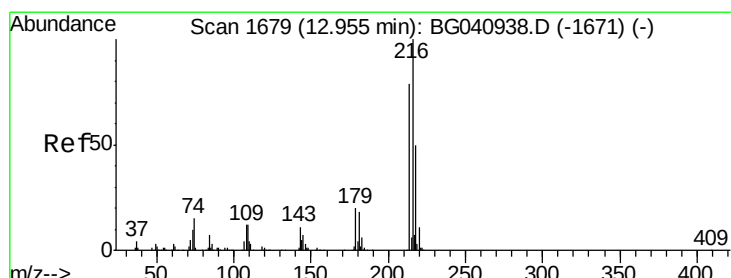
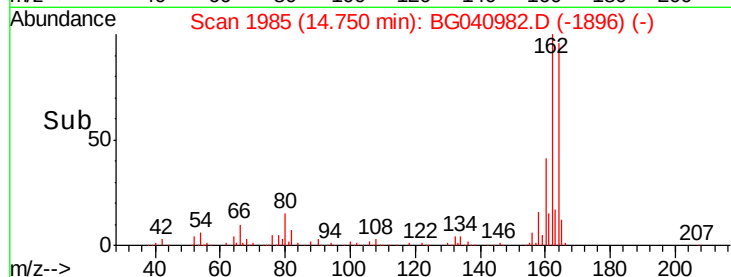
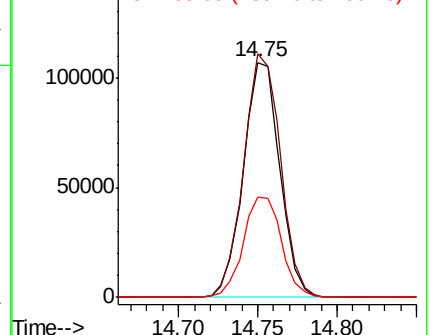


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.120 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Tgt Ion:216 Resp: 240908

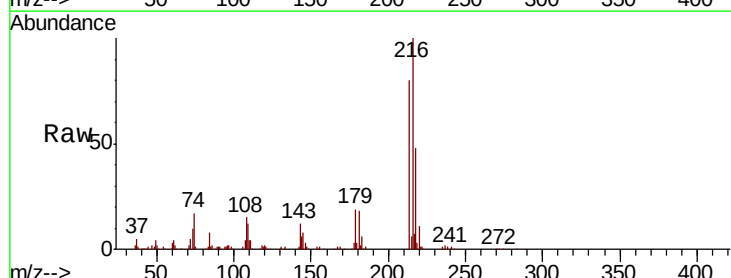
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 18.7 15.2 22.8

108 16.7 11.4 17.2



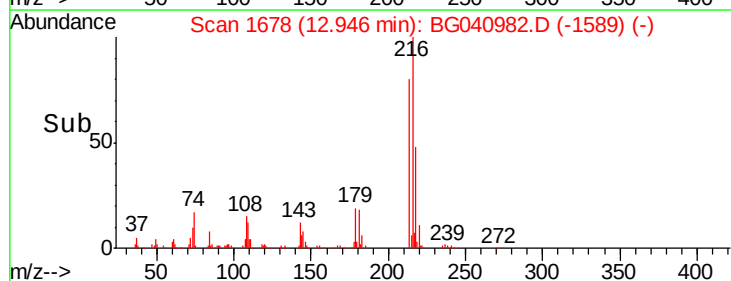
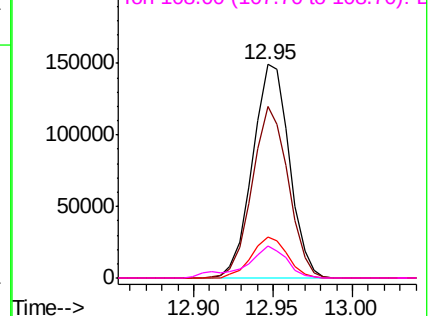
Abundance

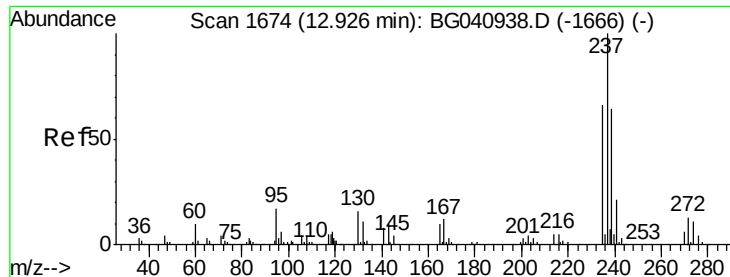
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 69.332 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118819BS

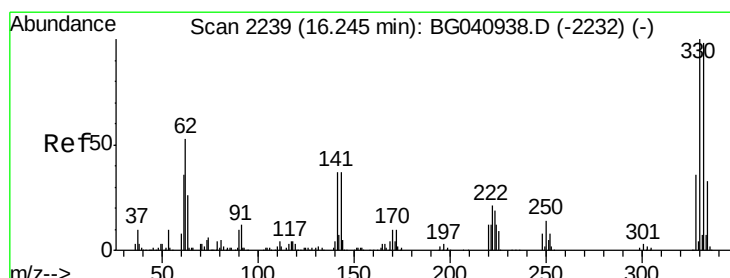
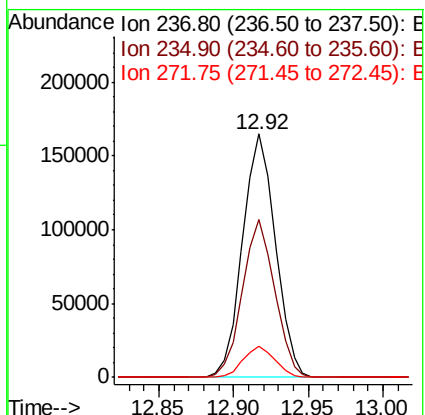
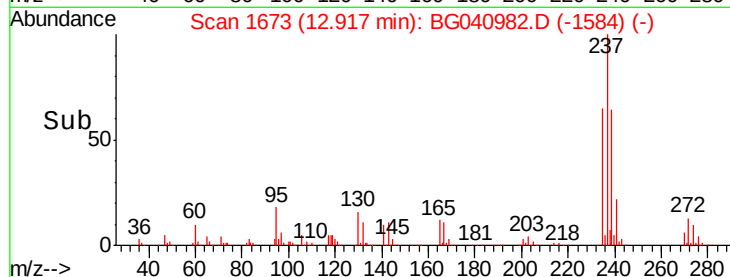
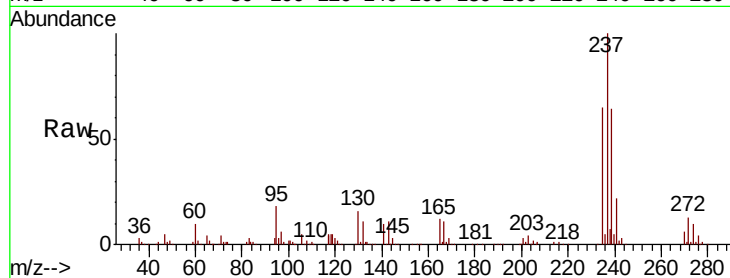
Tot Ion:237 Resp: 251134

Ion Ratio Lower Upper

237 100

235 64.6 45.5 85.5

272 12.6 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 119.032 ng

RT: 16.24 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

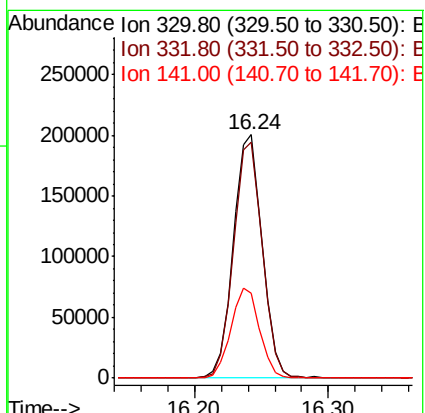
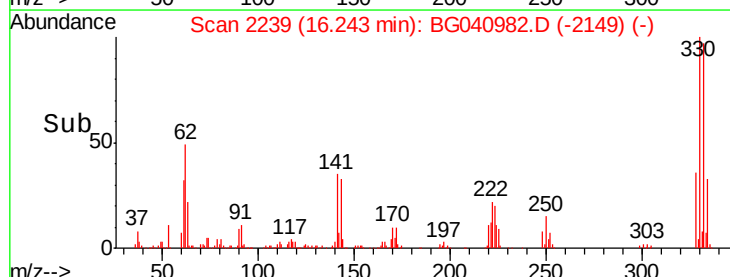
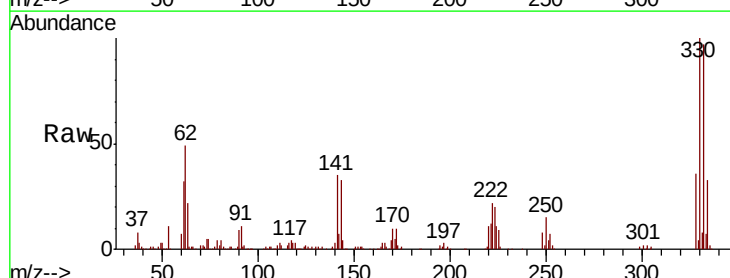
Tgt Ion:330 Resp: 300742

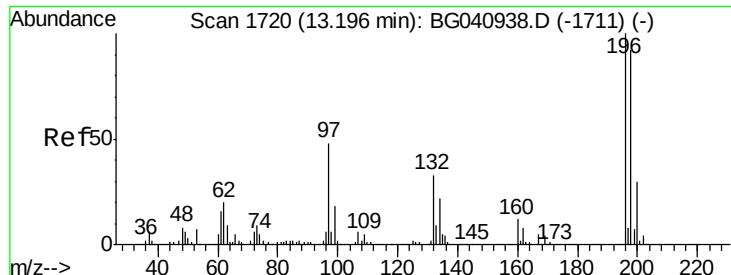
Ion Ratio Lower Upper

330 100

332 96.9 78.5 117.7

141 37.1 28.7 43.1

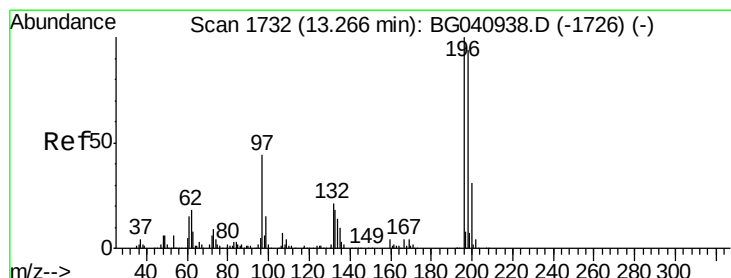
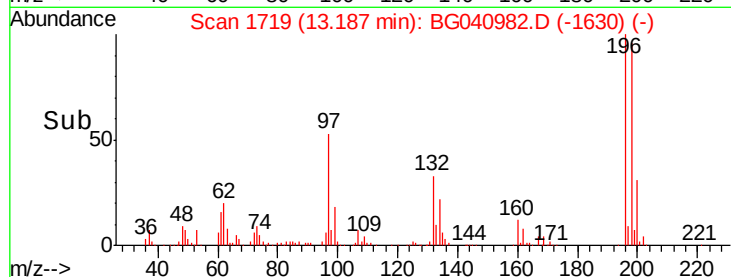
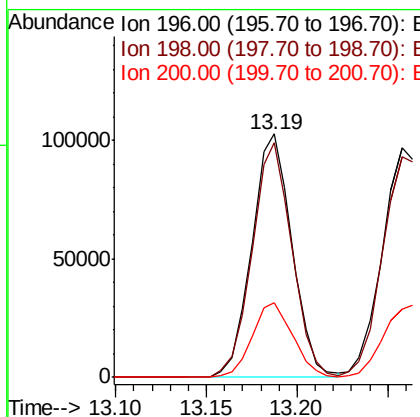
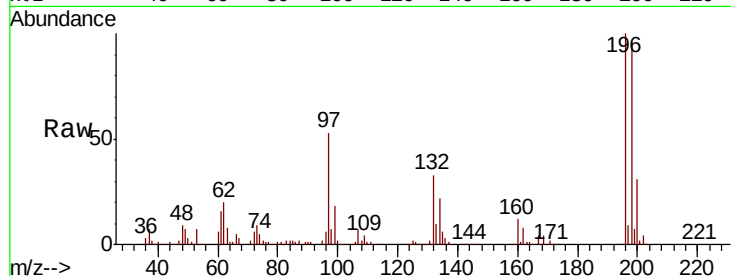




#43
 2,4,6-Trichlorophenol
 Concen: 35.722 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG040982.D
 Acq: 31 May 2019 17:19

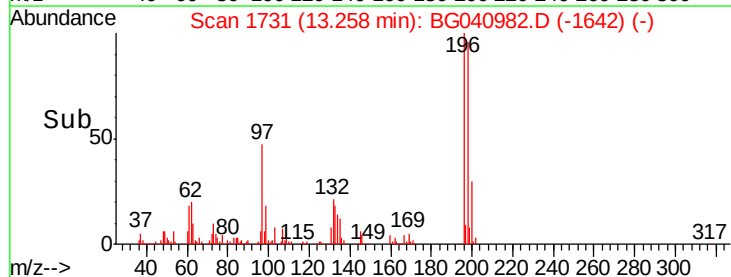
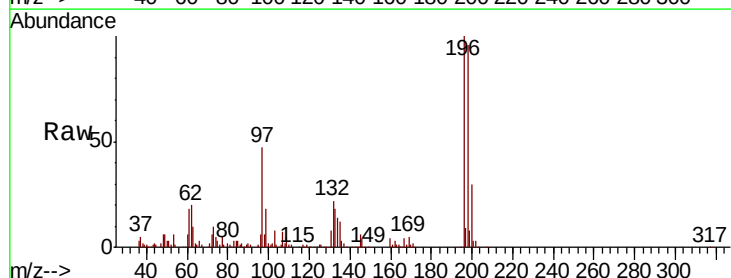
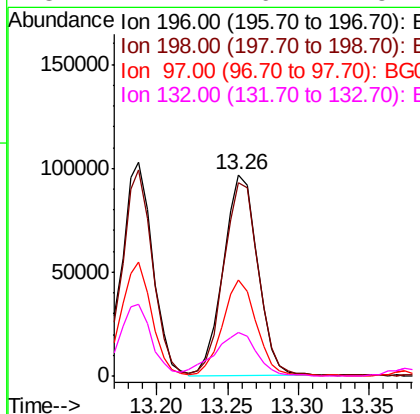
Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

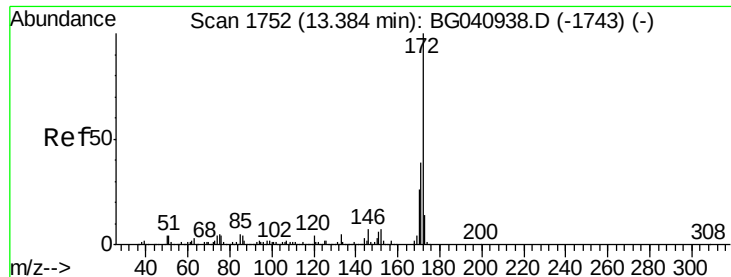
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	73.8	110.6
200	30.9	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 35.085 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG040982.D
 Acq: 31 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.1	112.7
97	47.3	35.6	53.4
132	21.7	16.7	25.1

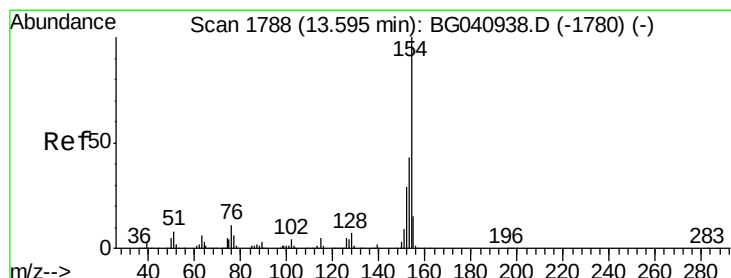
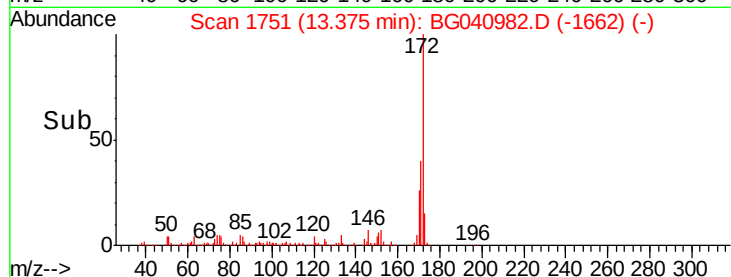
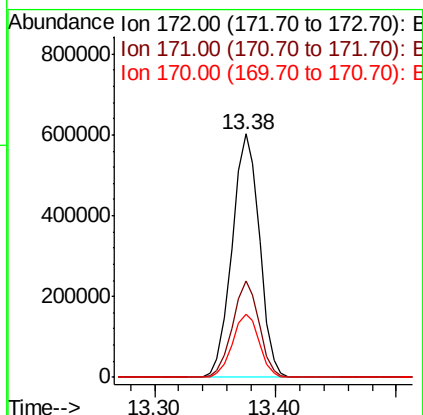
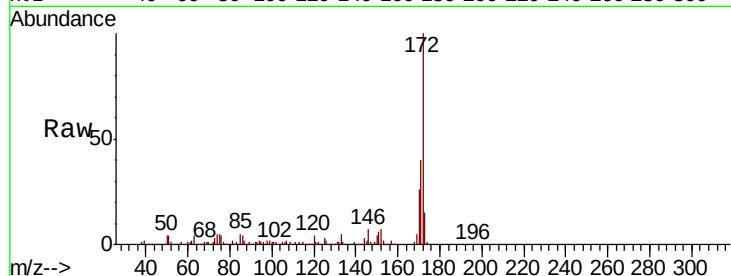




#45
2-Fluorobiphenyl
Concen: 80.076 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

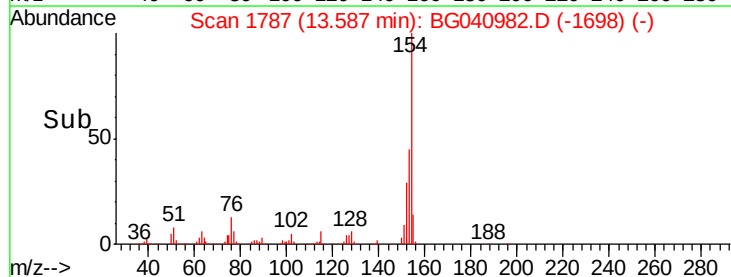
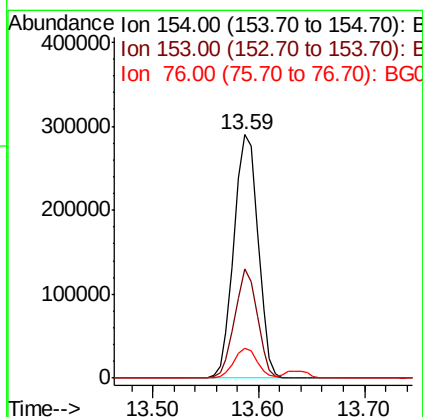
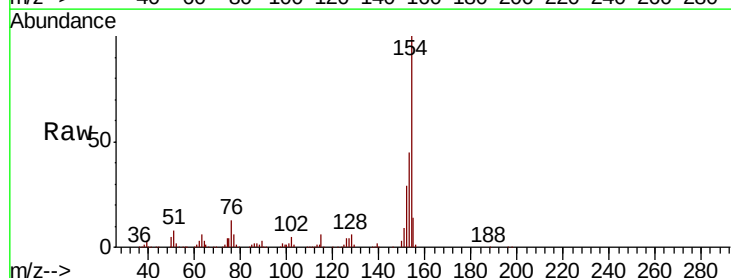
Instrument :
BNA_G
ClientSampleId :
PB118819BS

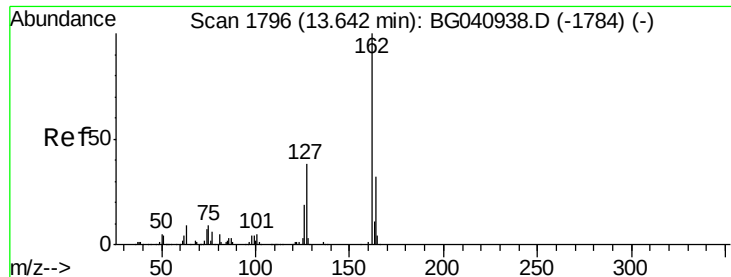
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	31.1	46.7
170	25.8	20.5	30.7



#46
1,1'-Biphenyl
Concen: 36.211 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.8	23.3	63.3
76	12.5	0.0	31.1





#47

2-Chloronaphthalene

Concen: 34.371 ng

RT: 13.63 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118819BS

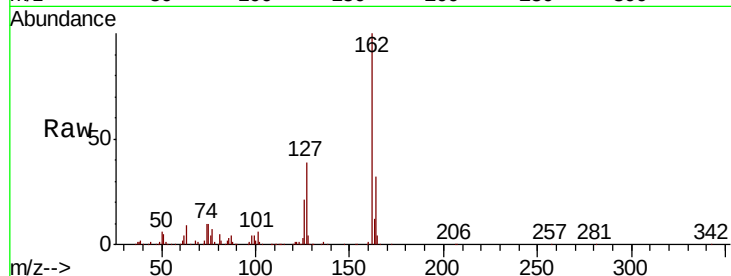
Tot Ion:162 Resp: 371720

Ion Ratio Lower Upper

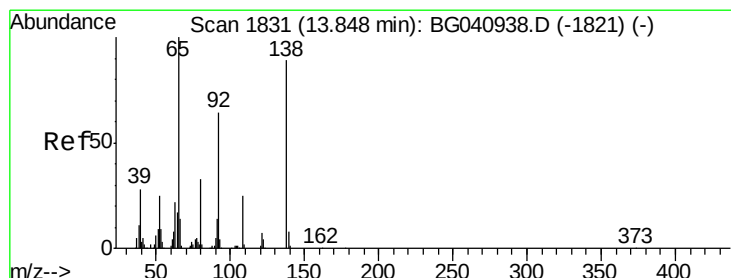
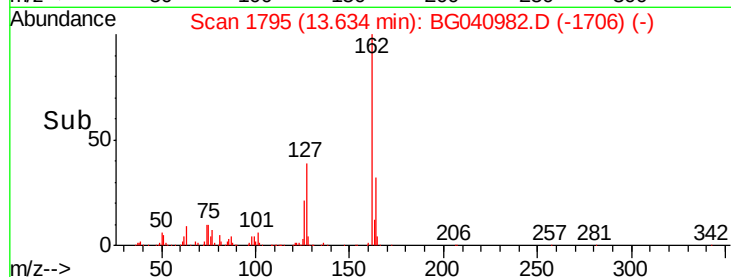
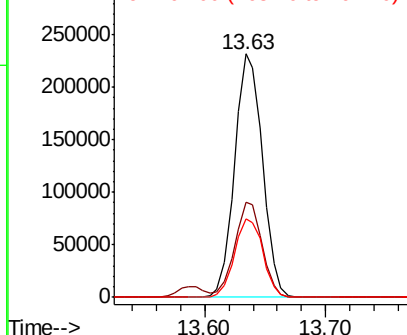
162 100

127 39.1 30.5 45.7

164 32.3 25.8 38.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 35.450 ng

RT: 13.84 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

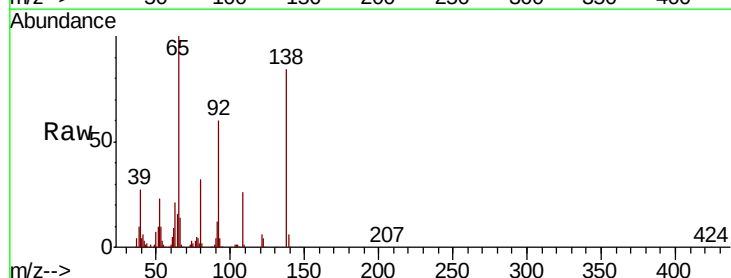
Tgt Ion: 65 Resp: 137540

Ion Ratio Lower Upper

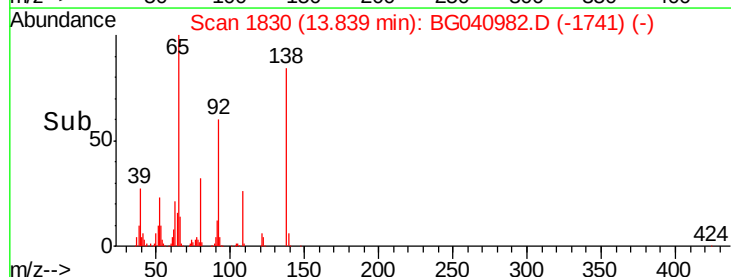
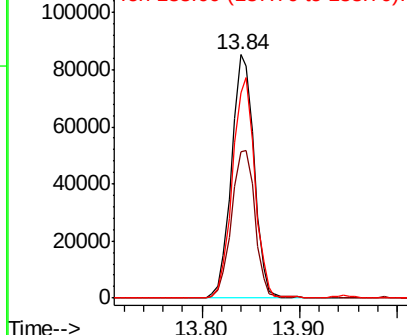
65 100

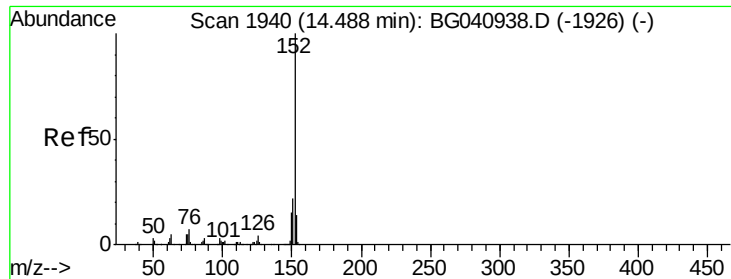
92 60.3 51.0 76.6

138 84.1 71.2 106.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.939 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118819BS

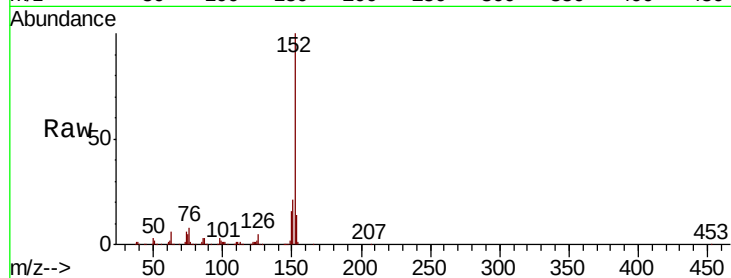
Tot Ion:152 Resp: 584975

Ion Ratio Lower Upper

152 100

151 20.7 17.4 26.0

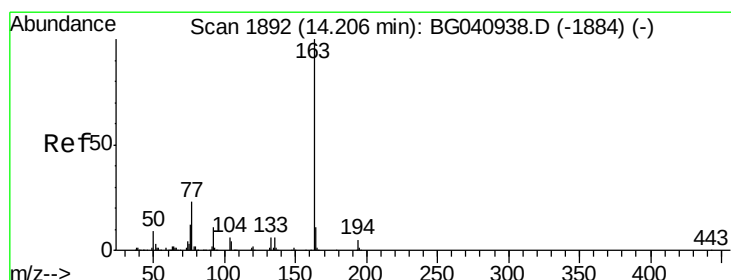
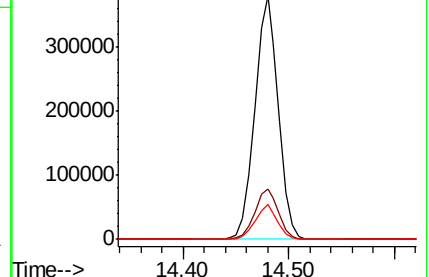
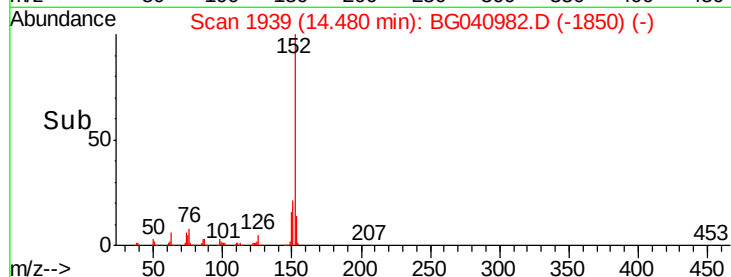
153 14.3 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 34.971 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

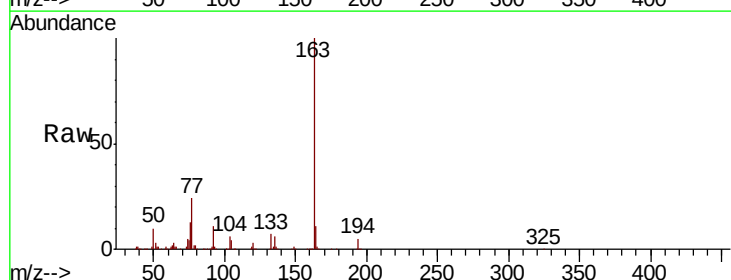
Tgt Ion:163 Resp: 503804

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

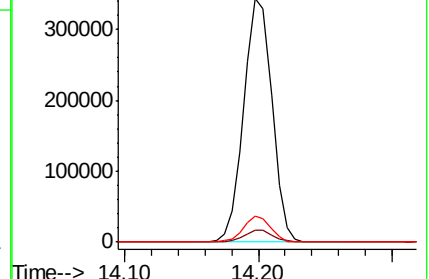
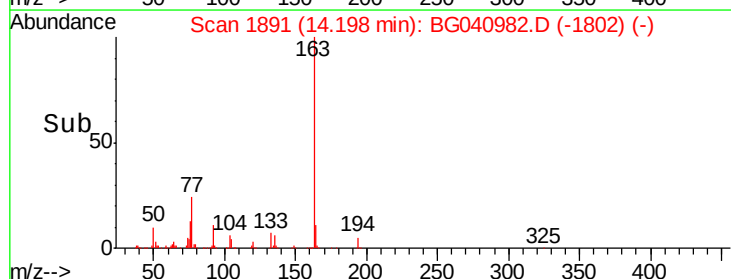
164 10.7 8.7 13.1

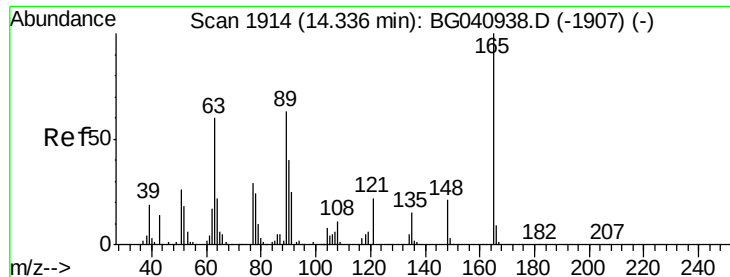


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

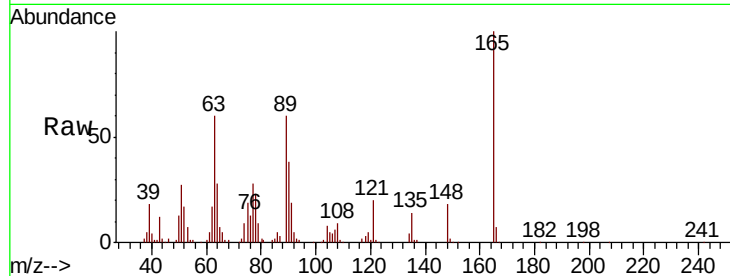




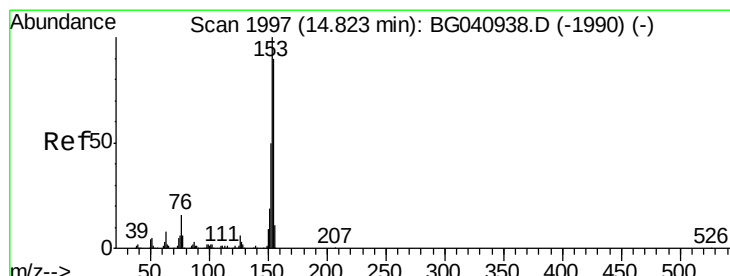
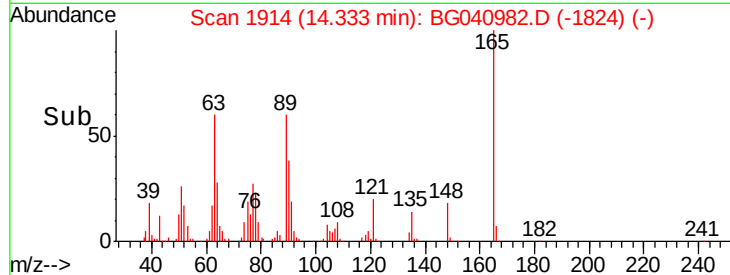
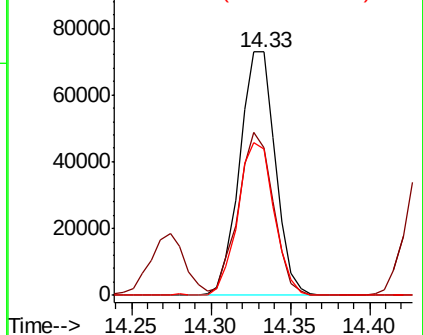
#51
2,6-Dinitrotoluene
Concen: 36.544 ng
RT: 14.33 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB118819BS

Tot Ion:165 Resp: 113511
Ion Ratio Lower Upper
165 100
63 60.4 53.6 80.4
89 60.3 50.4 75.6

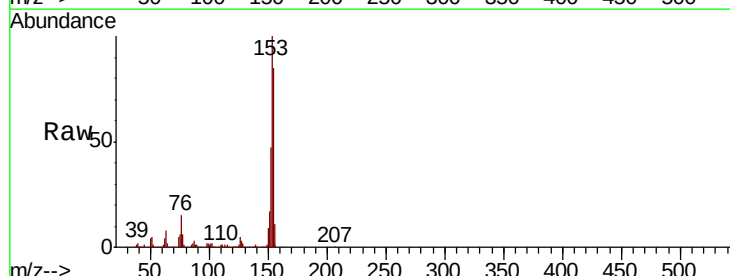


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

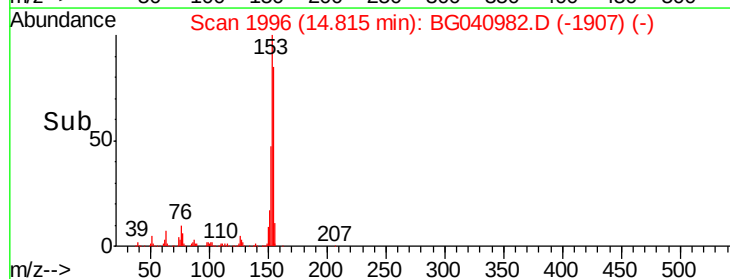
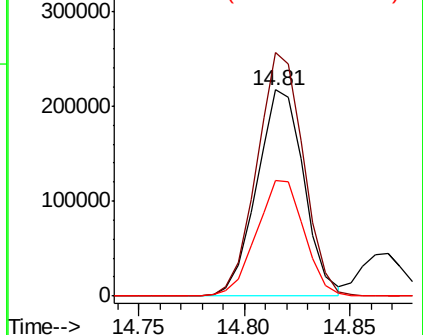


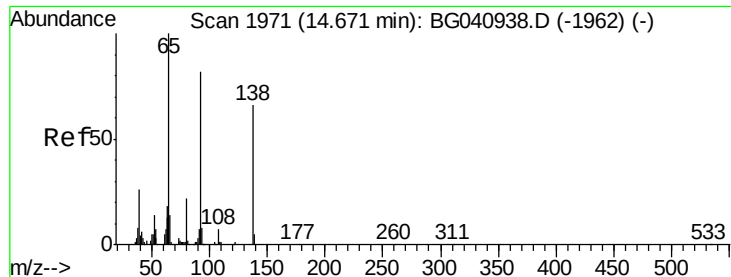
#52
Acenaphthene
Concen: 34.126 ng
RT: 14.81 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Tgt Ion:154 Resp: 336505
Ion Ratio Lower Upper
154 100
153 118.2 88.6 133.0
152 55.9 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

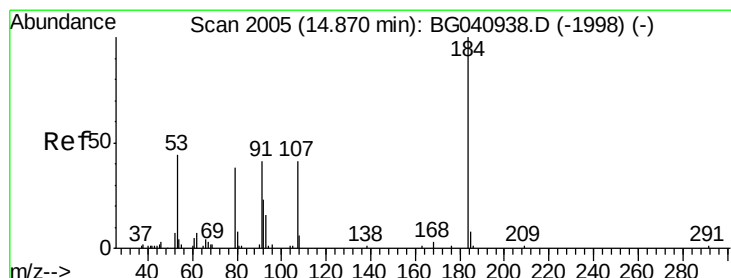
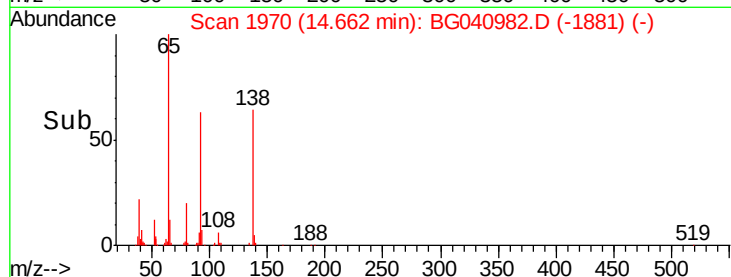
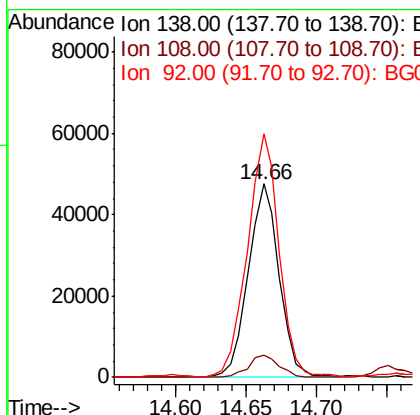
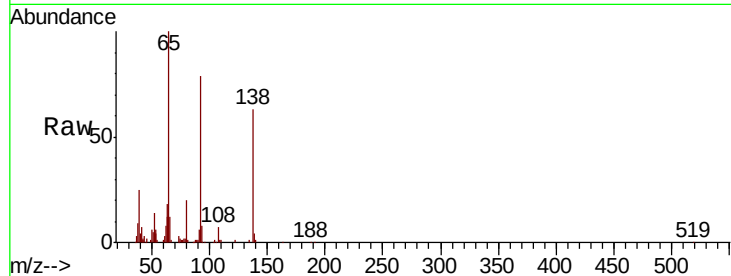




#53
3-Nitroaniline
Concen: 23.503 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

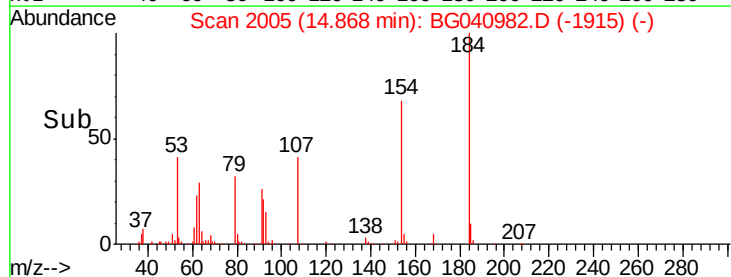
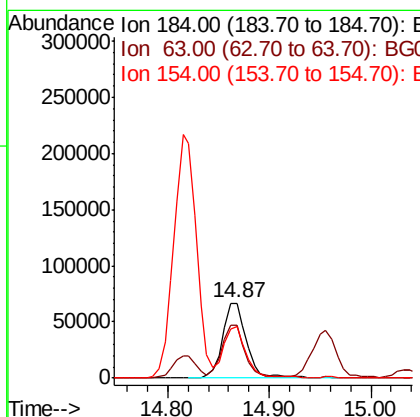
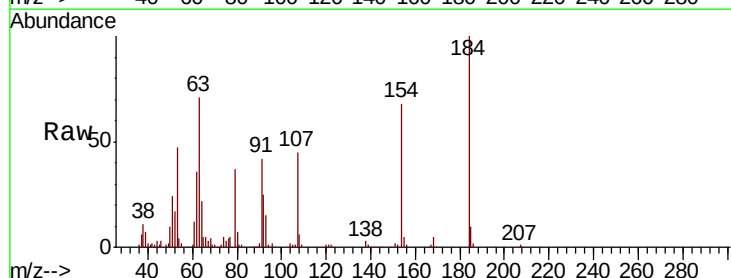
Instrument :
BNA_G
ClientSampleId :
PB118819BS

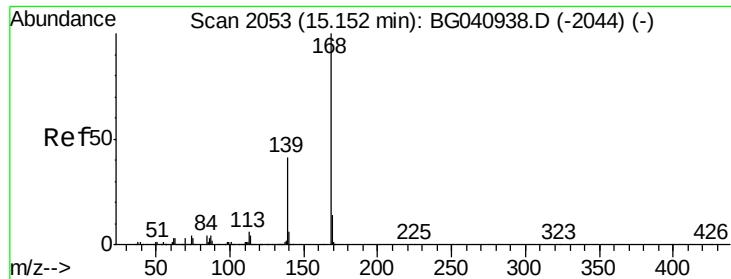
Tot Ion:138 Resp: 73001
Ion Ratio Lower Upper
138 100
108 11.2 8.5 12.7
92 125.8 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 71.645 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Tgt Ion:184 Resp: 110487
Ion Ratio Lower Upper
184 100
63 70.6 49.8 74.6
154 67.8 52.2 78.4





#55

Dibenzenofuran

Concen: 35.402 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118819BS

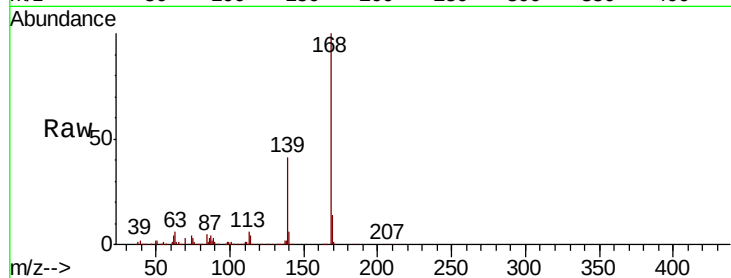
Tot Ion:168 Resp: 587388

Ion Ratio Lower Upper

168 100

139 41.4 32.8 49.2

169 13.9 11.3 16.9

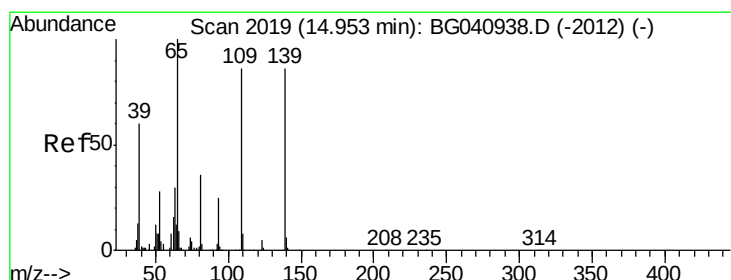
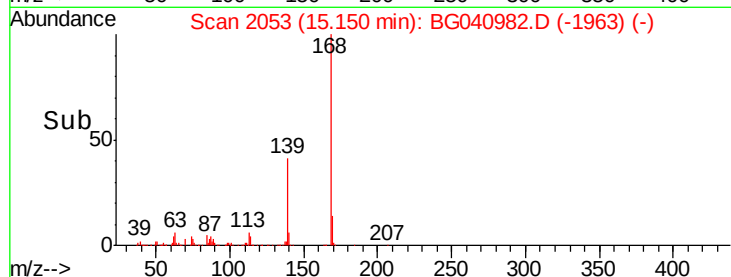
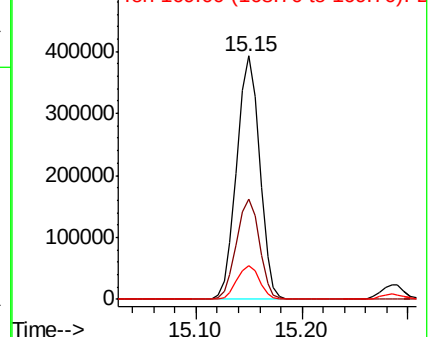


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 81.342 ng

RT: 14.96 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

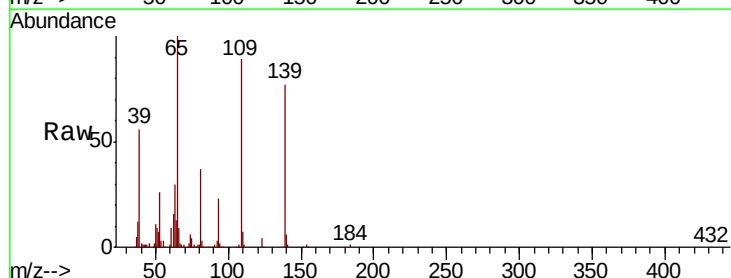
Tgt Ion:139 Resp: 173297

Ion Ratio Lower Upper

139 100

109 115.4 79.6 119.6

65 129.7 96.9 136.9

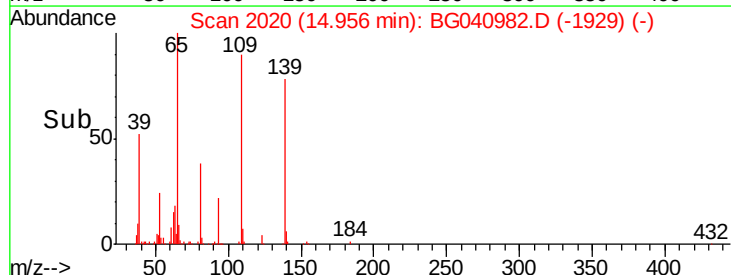
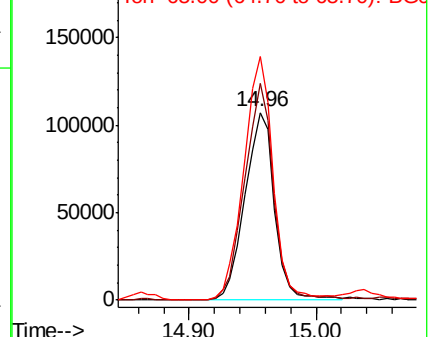


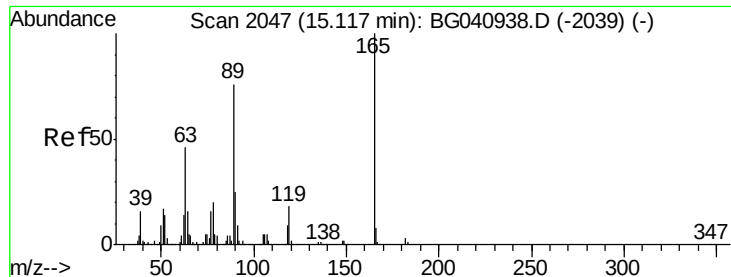
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

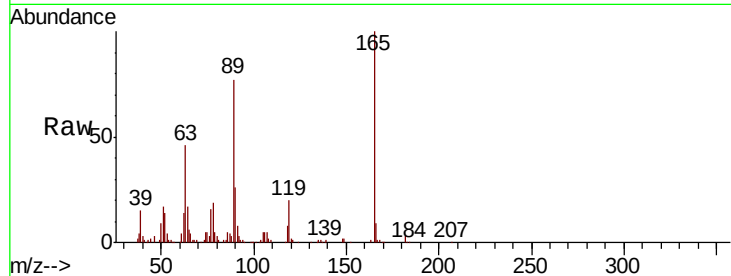




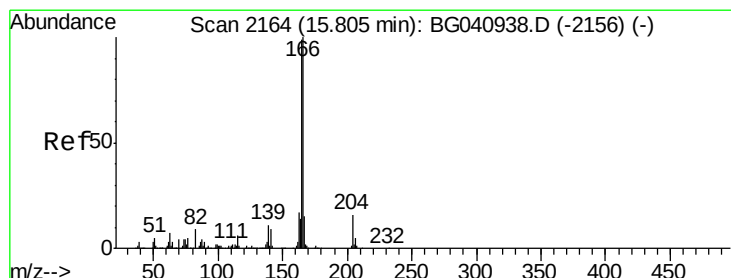
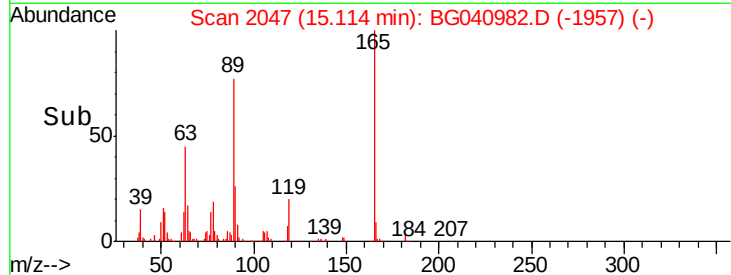
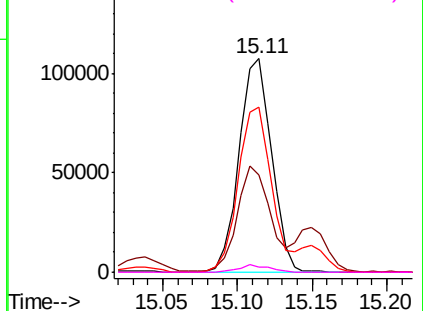
#57
2,4-Dinitrotoluene
Concen: 36.959 ng
RT: 15.11 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB118819BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.6	37.3	55.9
89	77.0	61.0	91.6
182	2.5	2.2	3.2

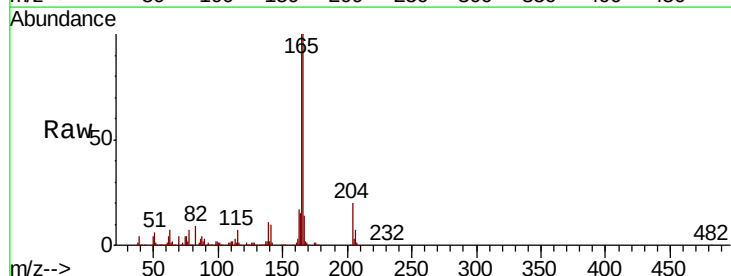


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

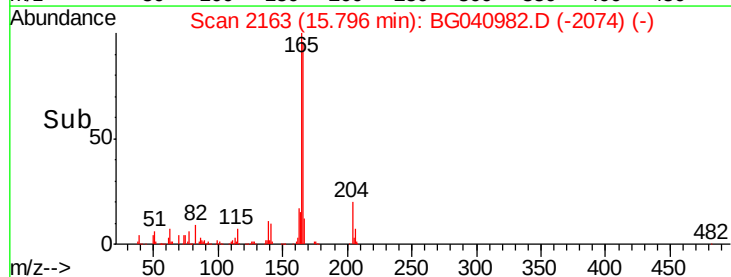
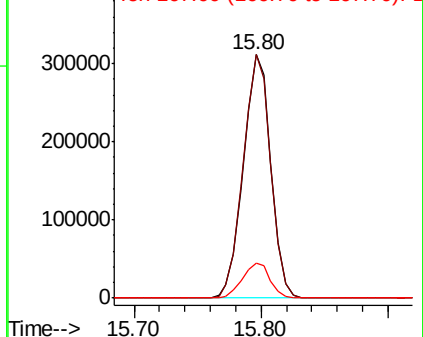


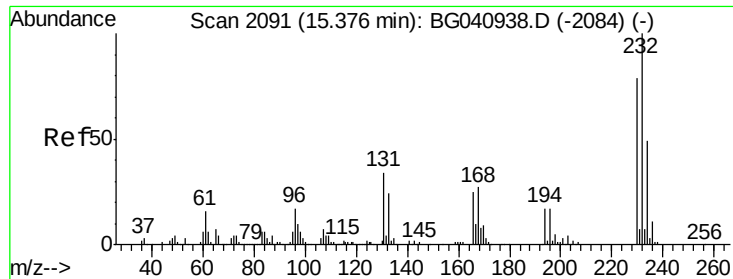
#58
Fluorene
Concen: 35.306 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.2	118.8
167	14.3	11.8	17.6



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

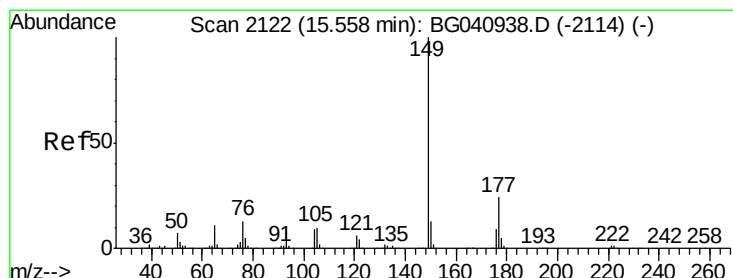
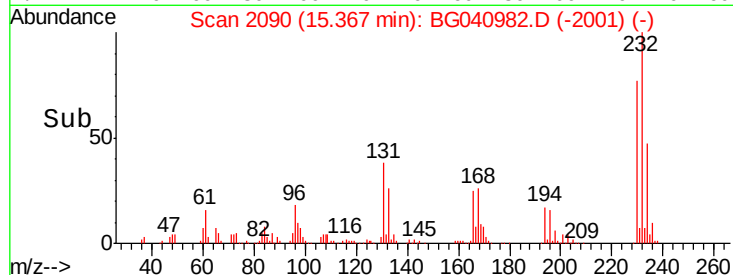
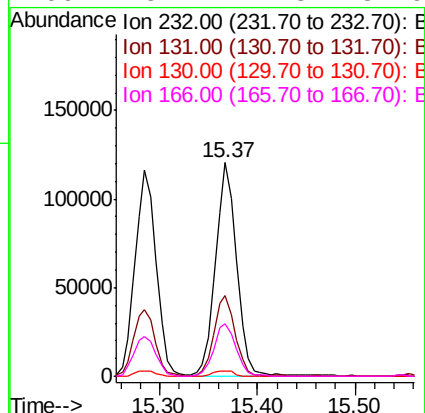
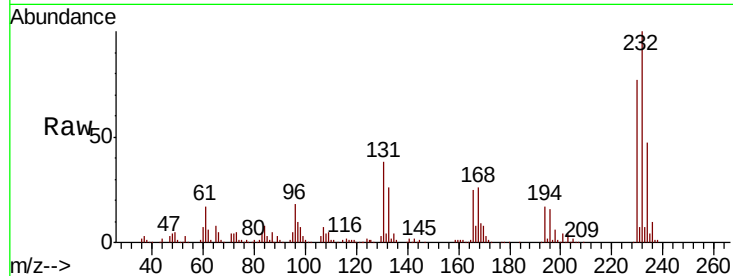




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.157 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG040982.D
 Acq: 31 May 2019 17:19

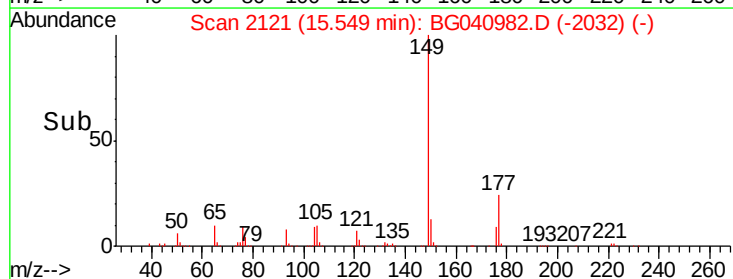
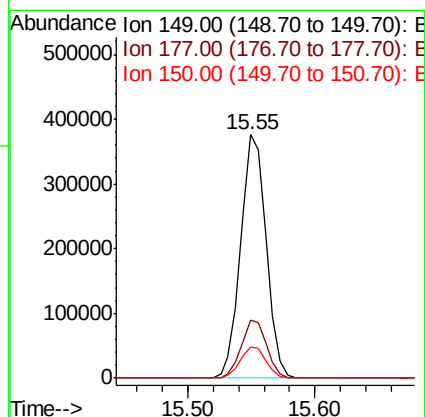
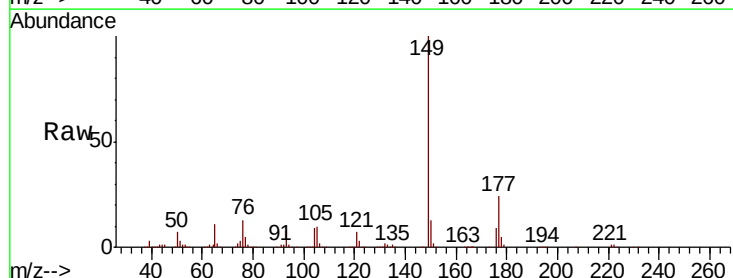
Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

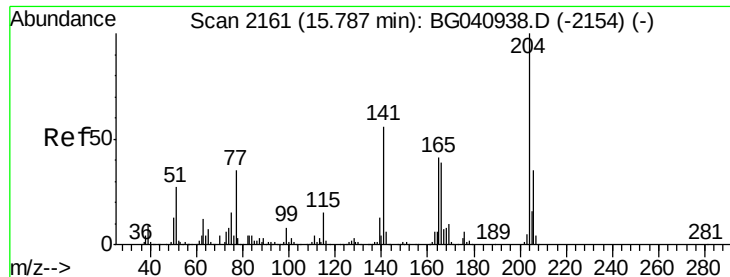
Tot Ion:	232	Resp:	180091
Ion	Ratio	Lower	Upper
232	100		
131	37.2	30.3	45.5
130	2.6	1.8	2.8
166	25.7	21.3	31.9



#60
 Diethylphthalate
 Concen: 35.307 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG040982.D
 Acq: 31 May 2019 17:19

Tgt Ion:	149	Resp:	519097
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.4	29.0
150	12.8	10.3	15.5

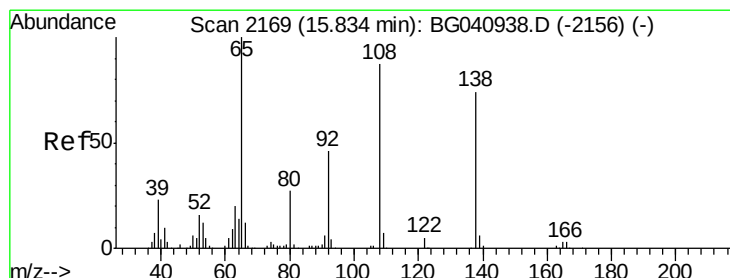
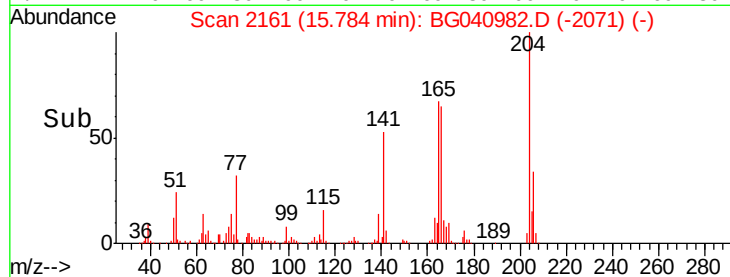
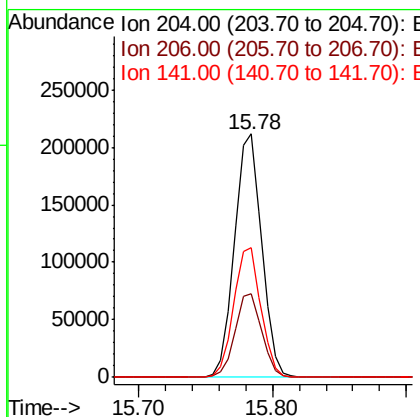
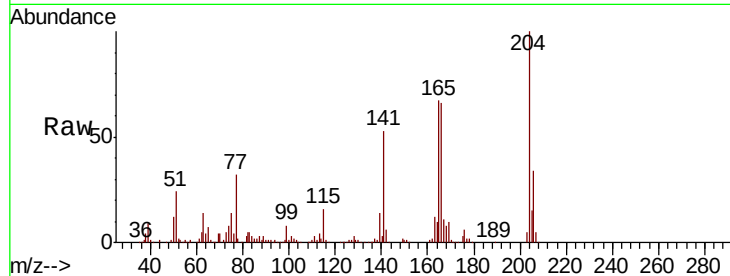




#61
 4-Chlorophenyl-phenylether
 Concen: 34.903 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG040982.D
 Acq: 31 May 2019 17:19

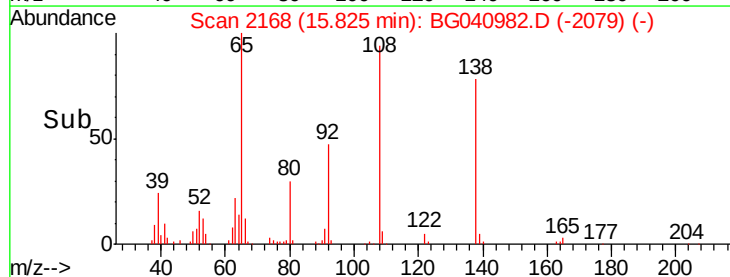
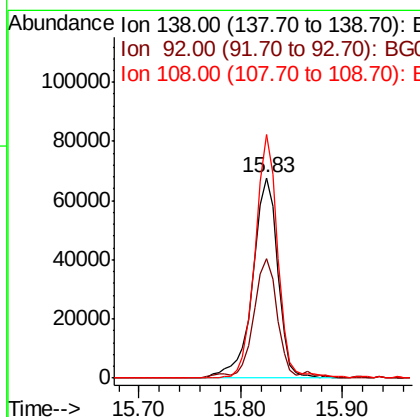
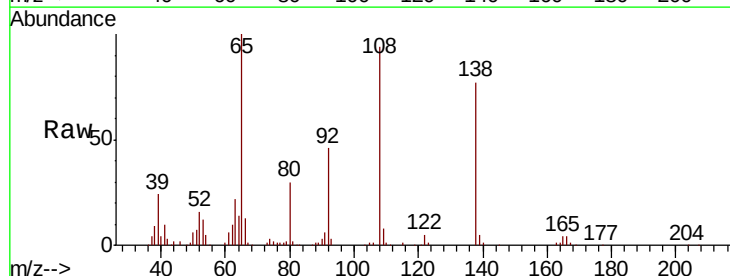
Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

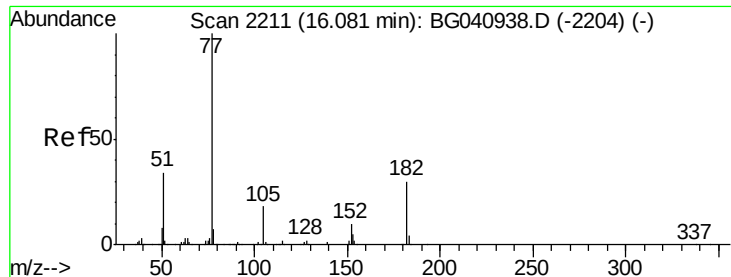
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	27.6	41.4
141	53.2	45.1	67.7



#62
 4-Nitroaniline
 Concen: 35.764 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG040982.D
 Acq: 31 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.8	42.4	82.4
108	121.4	96.9	136.9





#63

Azobenzene

Concen: 36.184 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118819BS

Tot Ion: 77 Resp: 483520

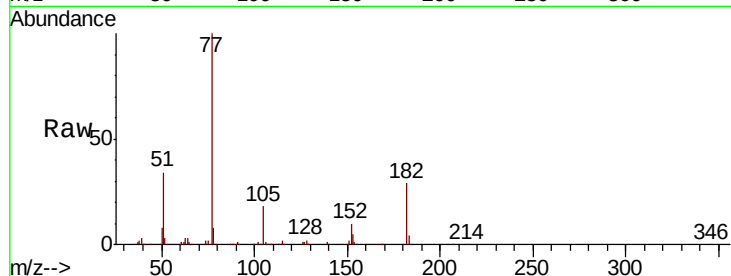
Ion Ratio Lower Upper

77 100

182 29.5 9.6 49.6

105 18.0 0.0 37.5

51 33.6 13.7 53.7

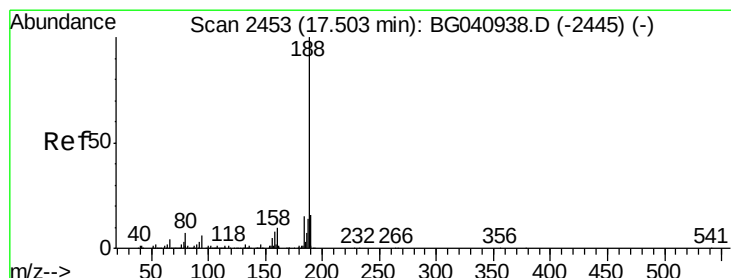
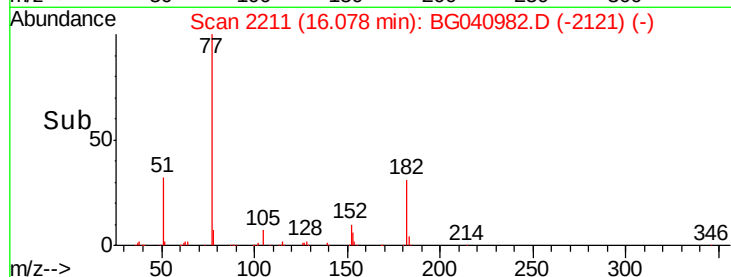
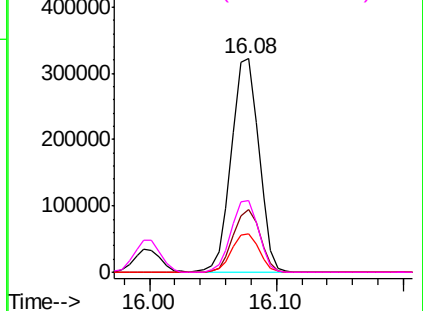


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

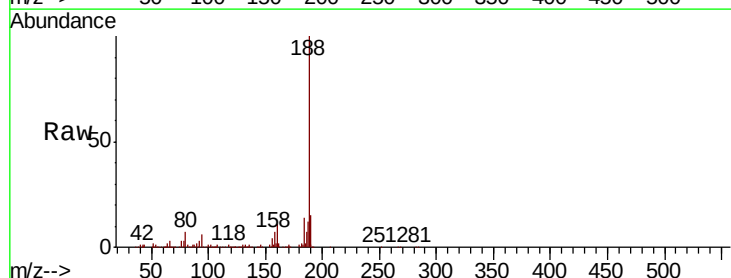
Tgt Ion: 188 Resp: 458354

Ion Ratio Lower Upper

188 100

94 5.9 4.7 7.1

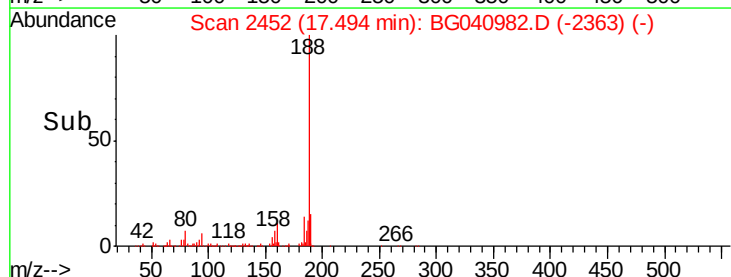
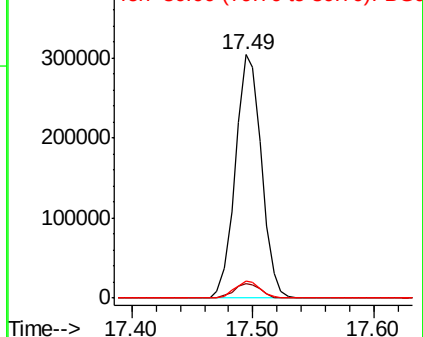
80 7.2 5.8 8.8

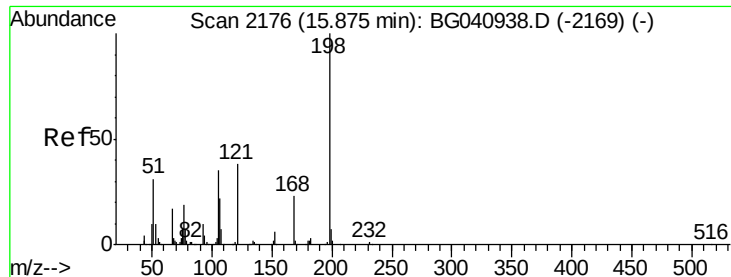


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 38.480 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118819BS

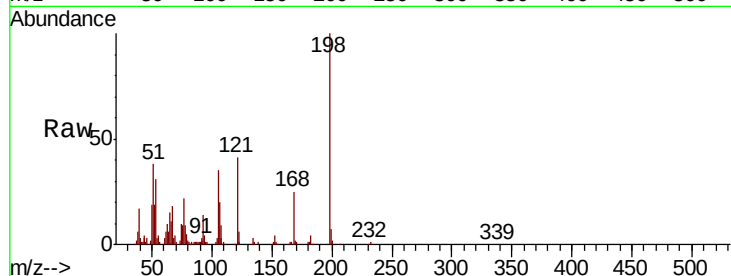
Tot Ion:198 Resp: 89416

Ion Ratio Lower Upper

198 100

51 38.0 21.6 61.6

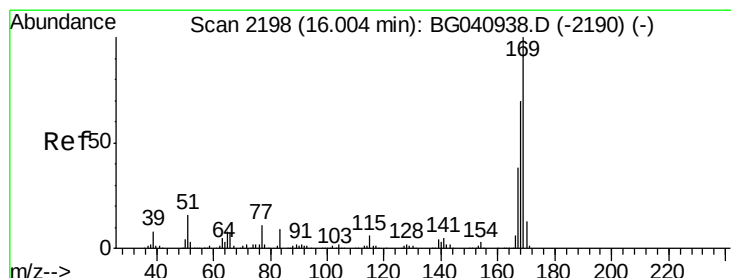
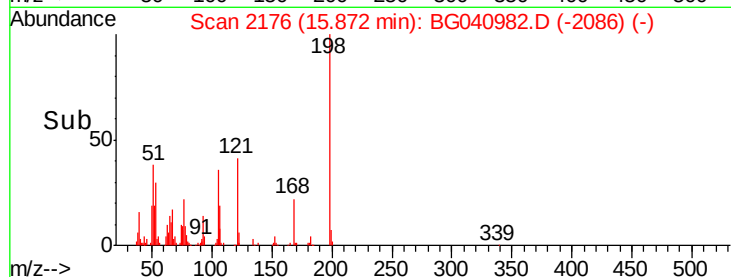
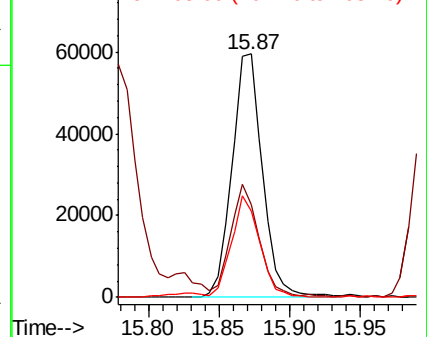
105 35.3 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 34.263 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

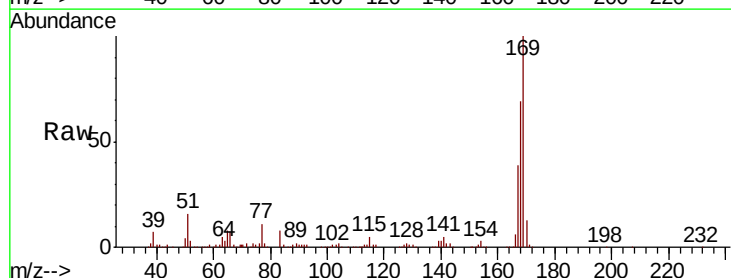
Tgt Ion:169 Resp: 441469

Ion Ratio Lower Upper

169 100

168 69.4 55.7 83.5

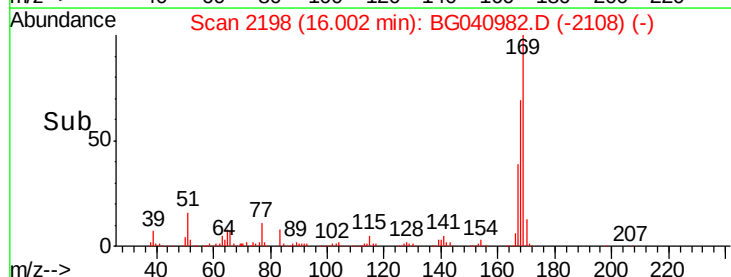
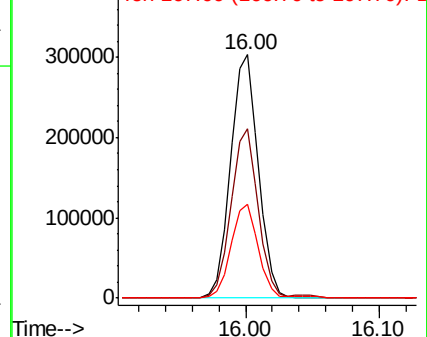
167 38.5 30.2 45.2

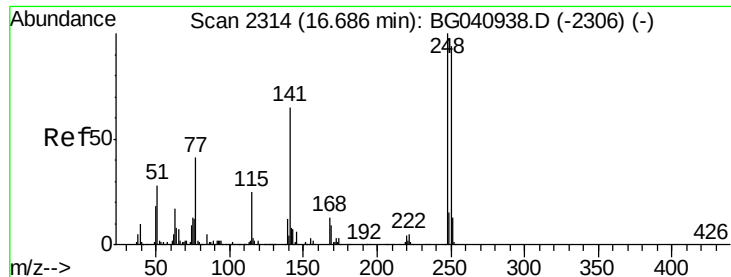


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

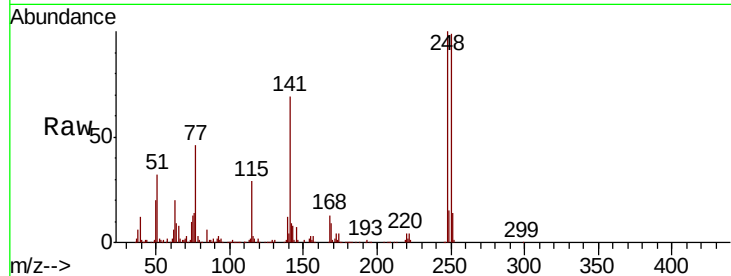




#67
4-Bromophenyl-phenylether
Concen: 32.371 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB118819BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	75.0	112.4
141	69.1	52.4	78.6

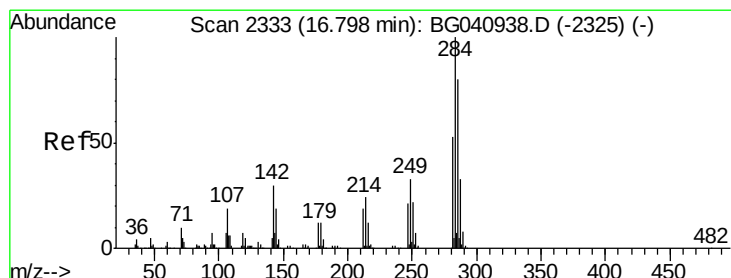
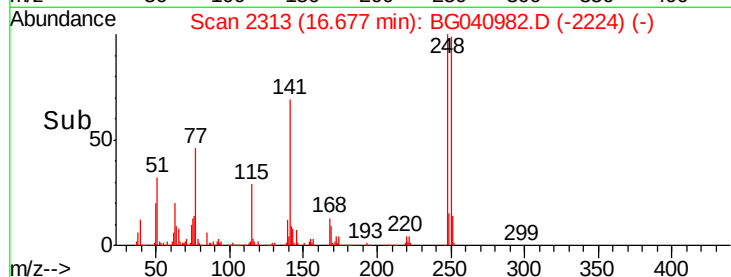
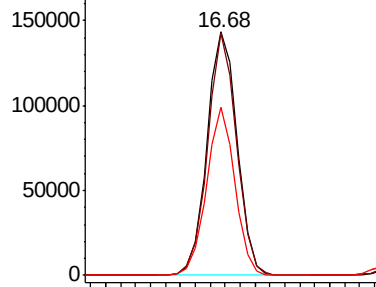


Abundance

Ion 248.00 (247.70 to 248.70): E

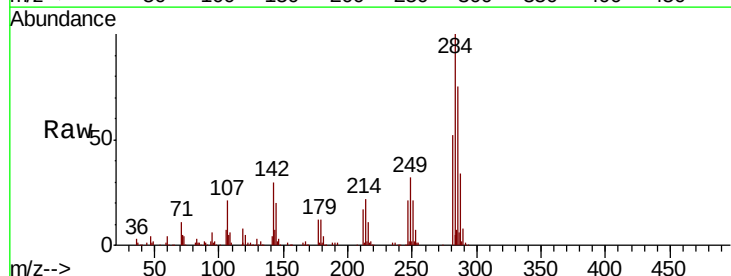
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 31.513 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	23.9	35.9
249	31.9	26.8	40.2

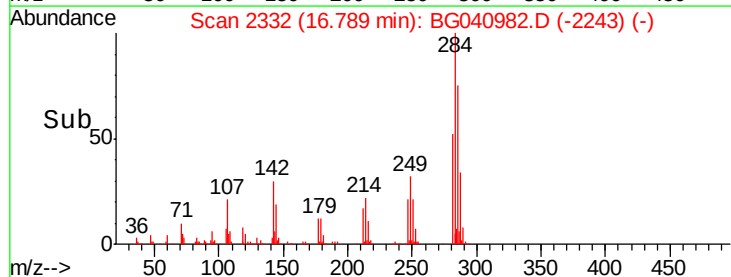
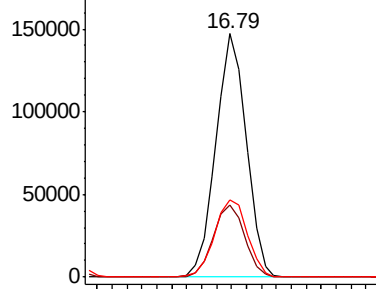


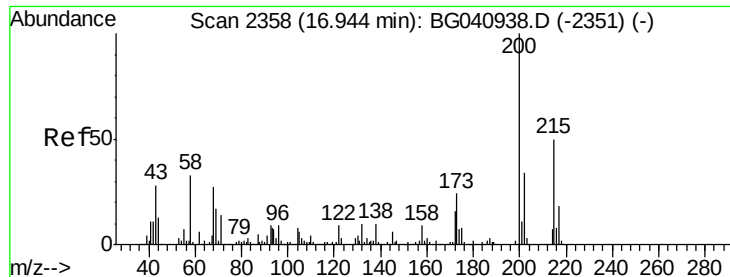
Abundance

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: 37.394 ng

RT: 16.94 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118819BS

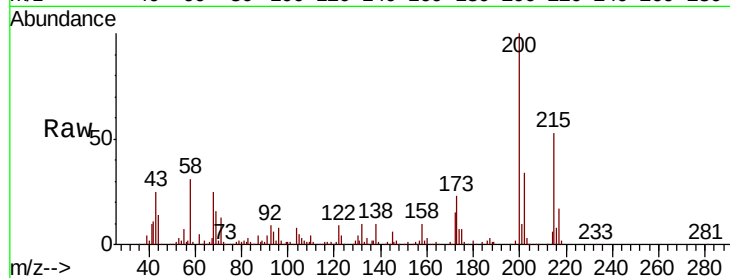
Tot Ion:200 Resp: 185912

Ion Ratio Lower Upper

200 100

173 22.6 3.6 43.6

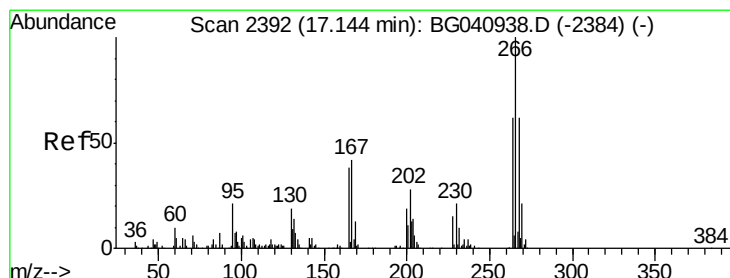
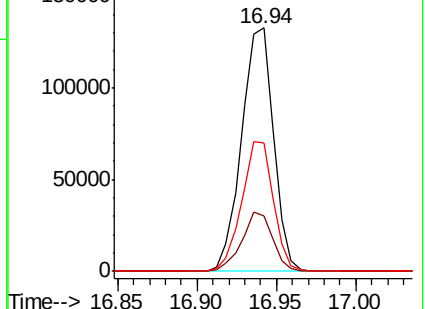
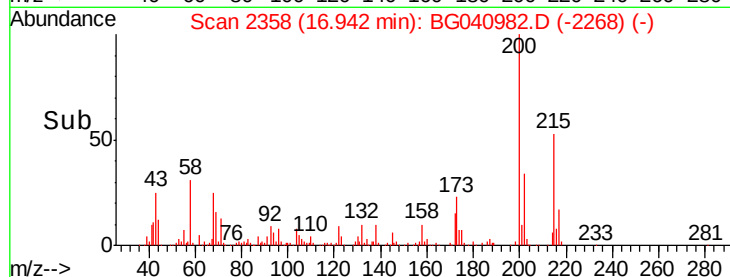
215 52.5 29.6 69.6



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: 72.153 ng

RT: 17.14 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

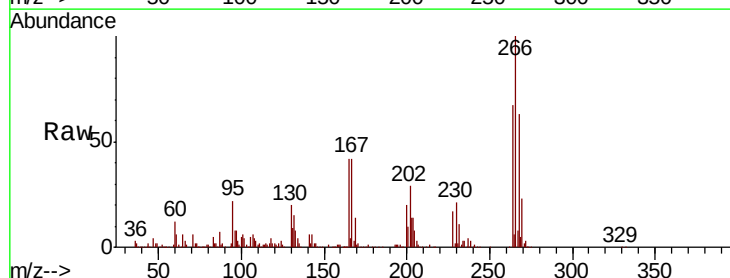
Tgt Ion:266 Resp: 253038

Ion Ratio Lower Upper

266 100

268 63.1 53.1 79.7

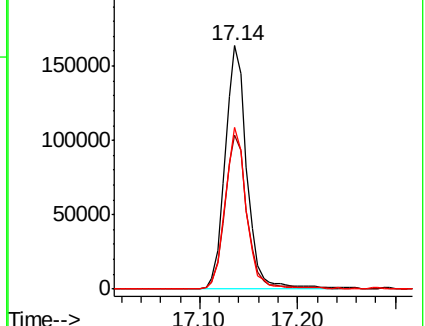
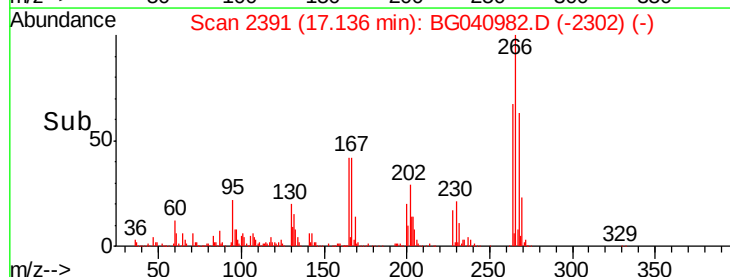
264 66.5 49.9 74.9

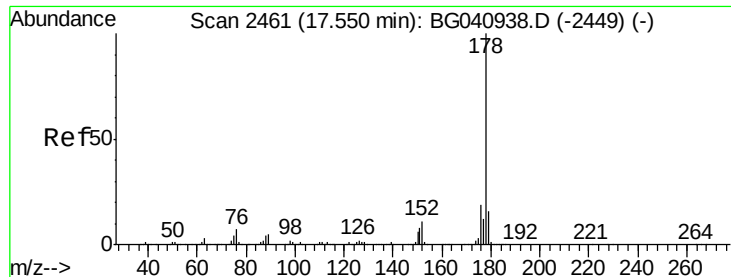


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

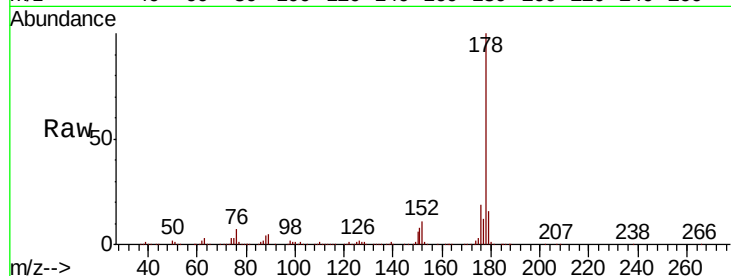




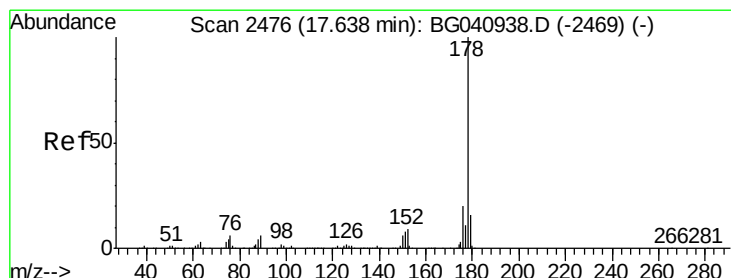
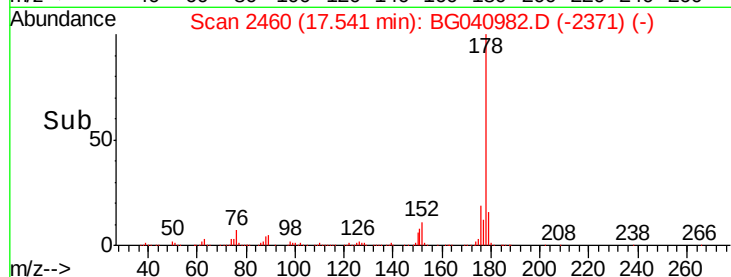
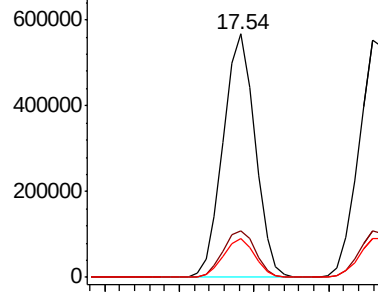
#71
Phenanthrene
Concen: 35.123 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB118819BS

Tot Ion:178 Resp: 838552
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.9 12.7 19.1

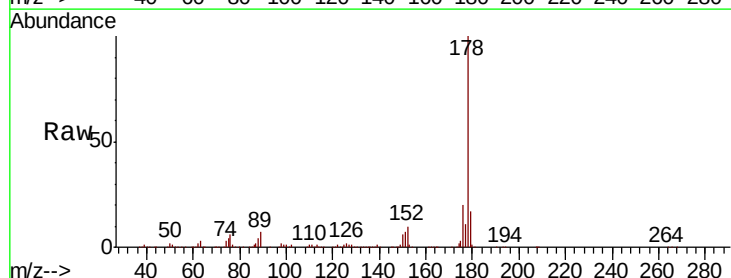


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

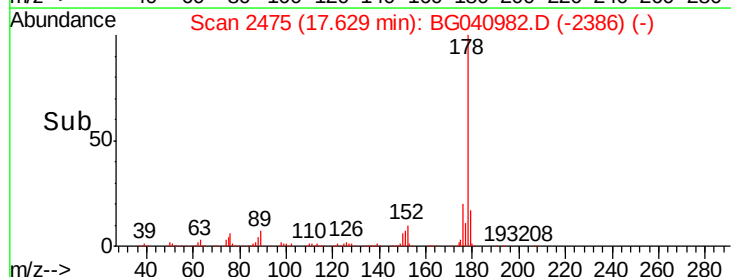
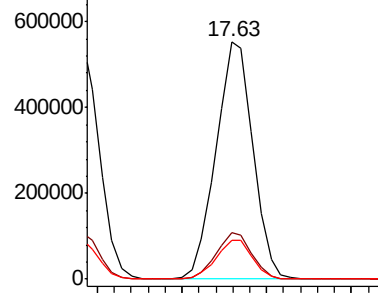


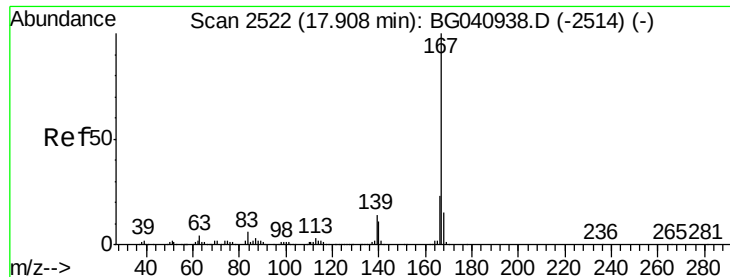
#72
Anthracene
Concen: 35.742 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Tgt Ion:178 Resp: 841628
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 16.6 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

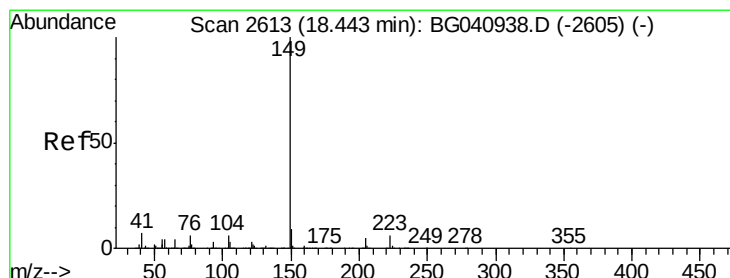
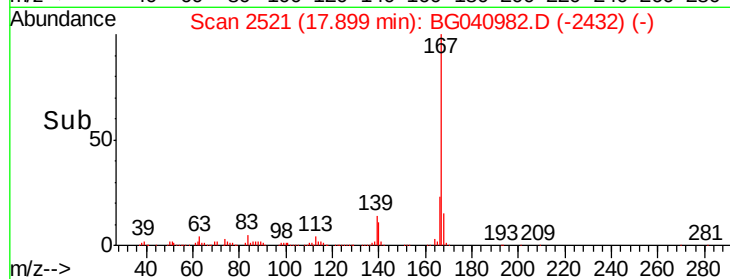
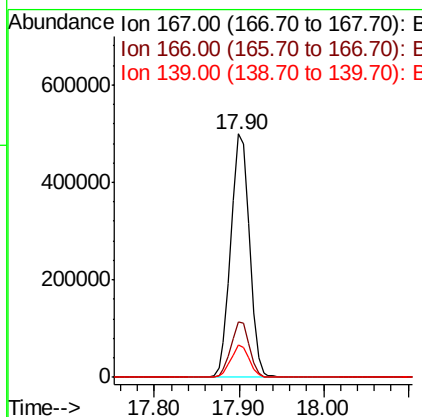
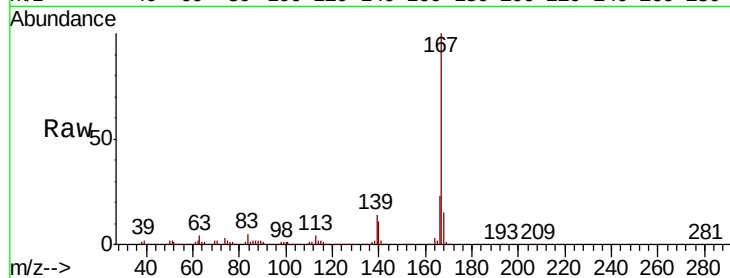




#73
 Carbazole
 Concen: 37.468 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG040982.D
 Acq: 31 May 2019 17:19

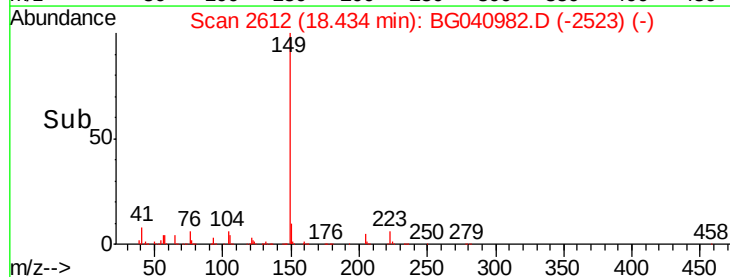
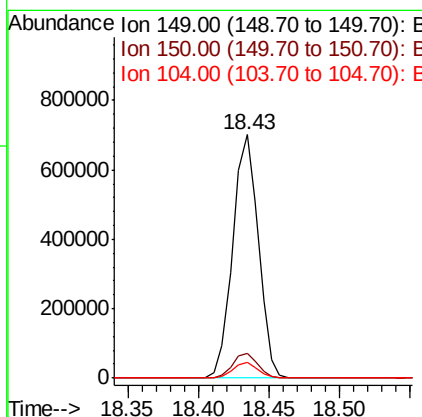
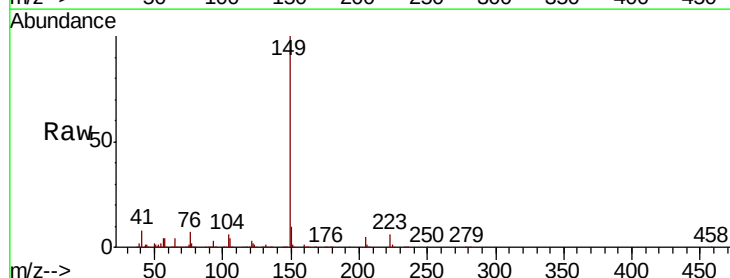
Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

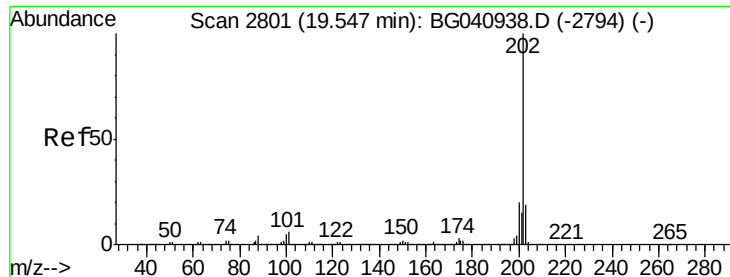
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	13.6	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 35.311 ng
 RT: 18.43 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG040982.D
 Acq: 31 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.4	11.2
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 37.839 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118819BS

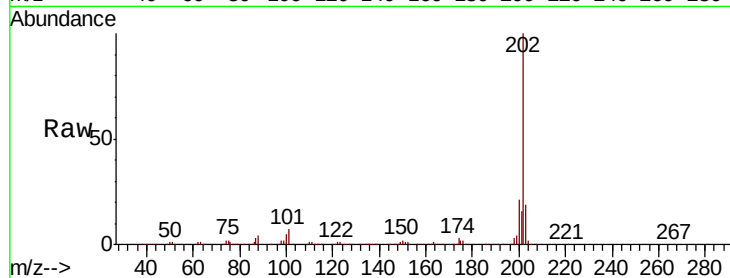
Tot Ion:202 Resp: 1115869

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.2

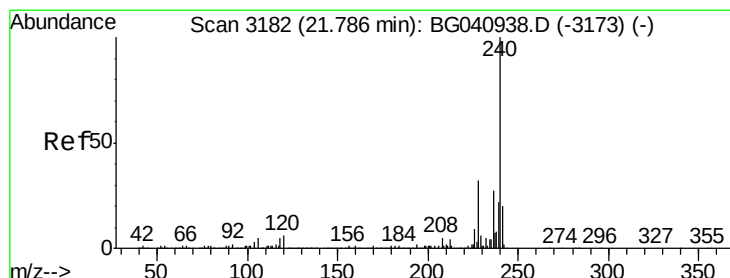
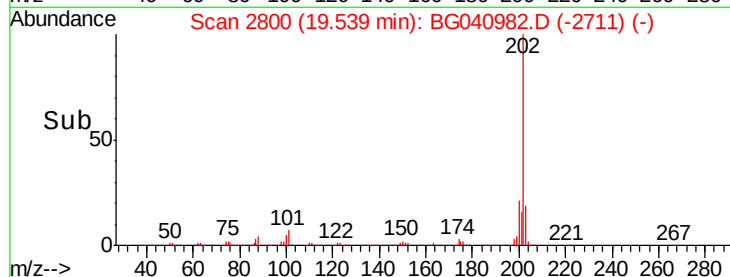
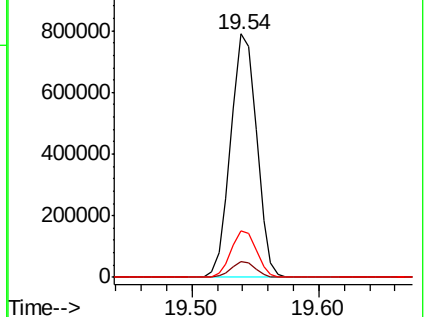
203 19.1 0.0 38.7



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: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

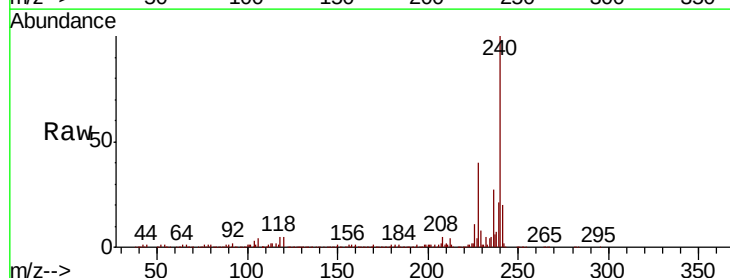
Tgt Ion:240 Resp: 472223

Ion Ratio Lower Upper

240 100

120 5.4 4.5 6.7

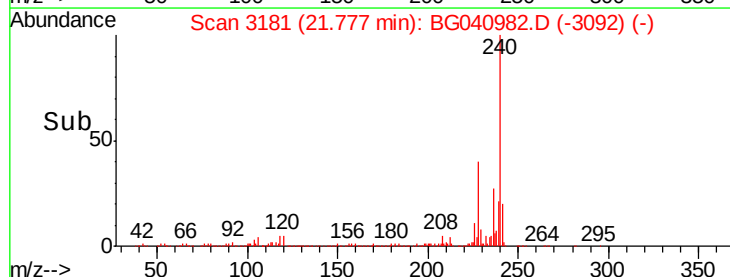
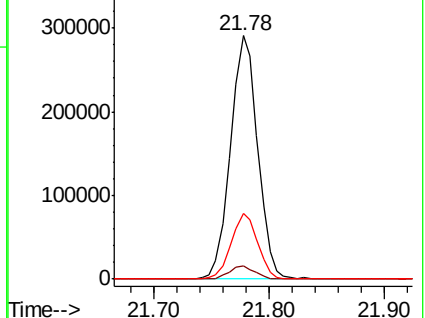
236 26.7 21.3 31.9

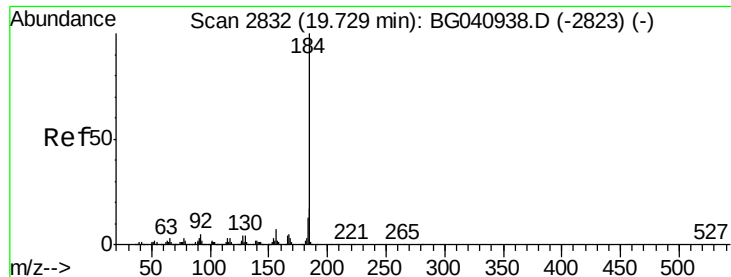


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.856 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118819BS

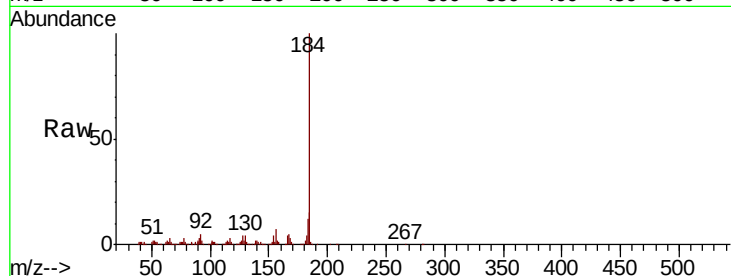
Tot Ion:184 Resp: 325059

Ion Ratio Lower Upper

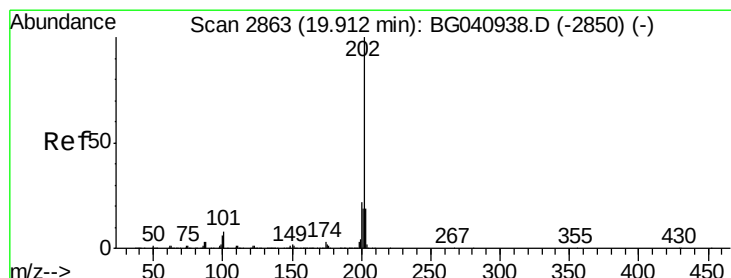
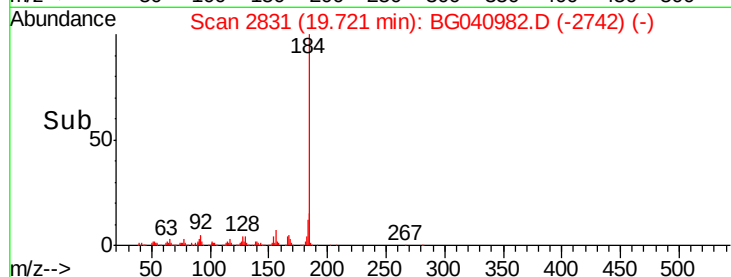
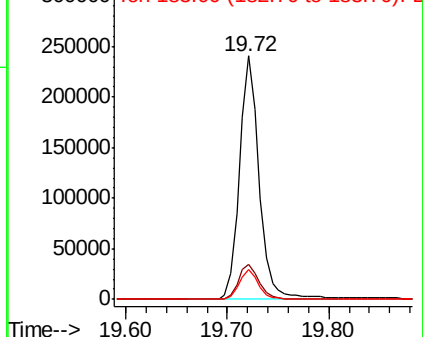
184 100

185 14.6 13.3 19.9

183 12.3 10.7 16.1



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



#78

Pyrene

Concen: 36.614 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

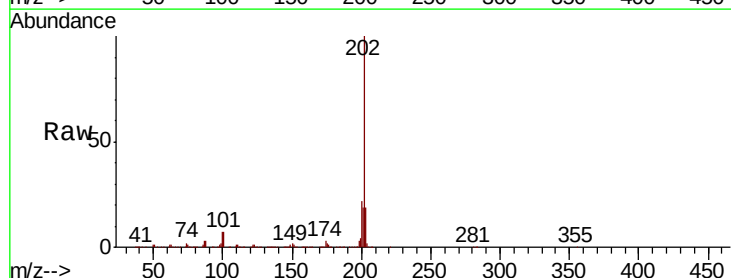
Tgt Ion:202 Resp: 1123970

Ion Ratio Lower Upper

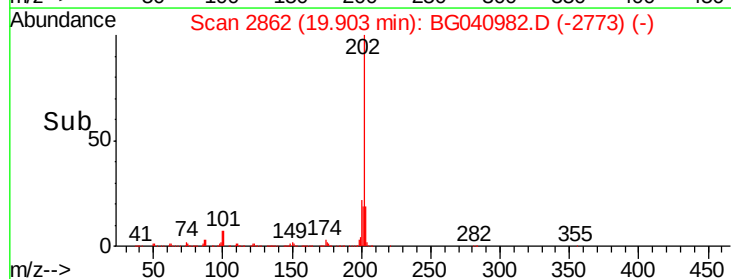
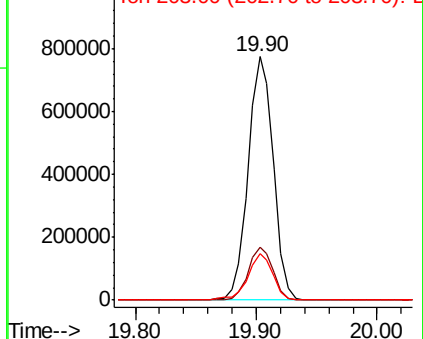
202 100

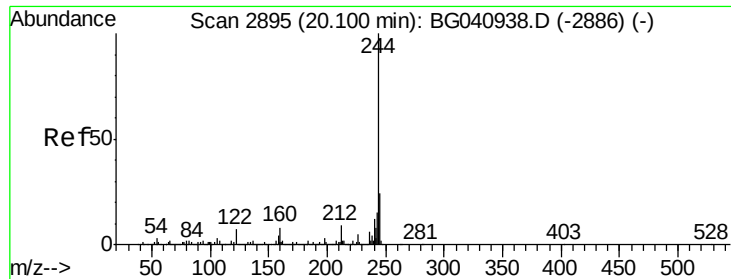
200 21.7 17.5 26.3

203 18.9 15.6 23.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.775 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118819BS

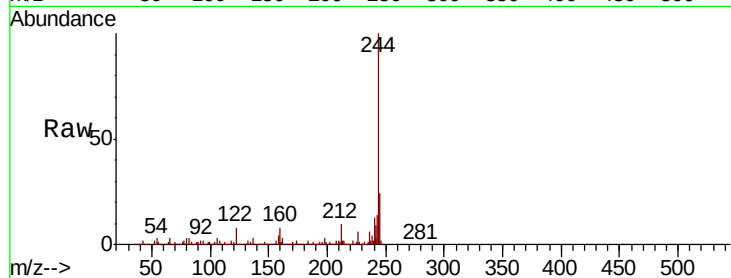
Tot Ion:244 Resp: 1841753

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.4

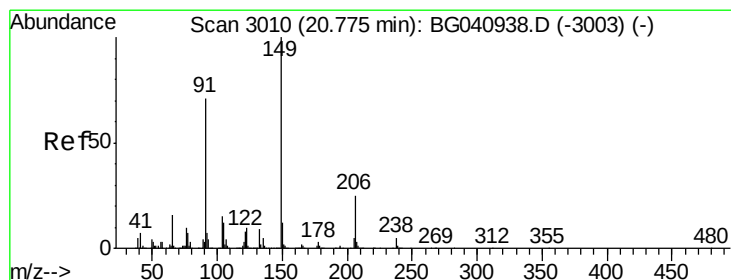
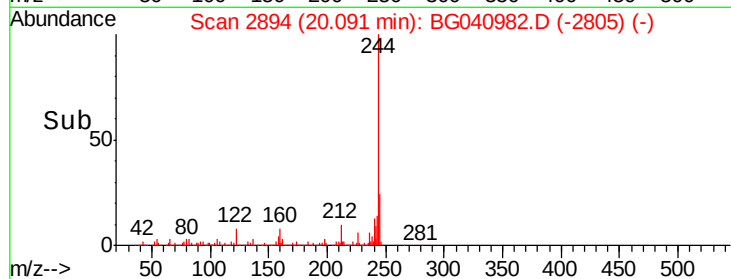
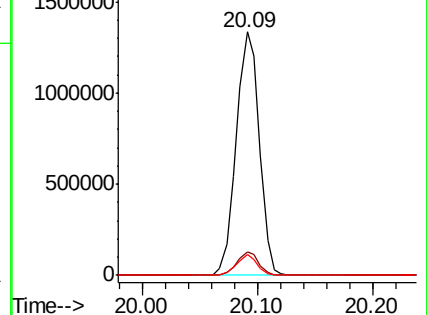
122 8.3 5.4 8.0#



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: 35.570 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

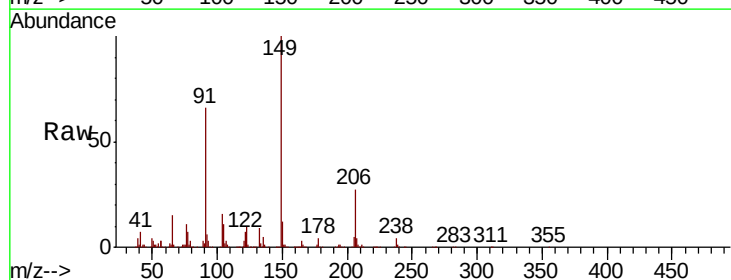
Tgt Ion:149 Resp: 424921

Ion Ratio Lower Upper

149 100

91 65.7 56.5 84.7

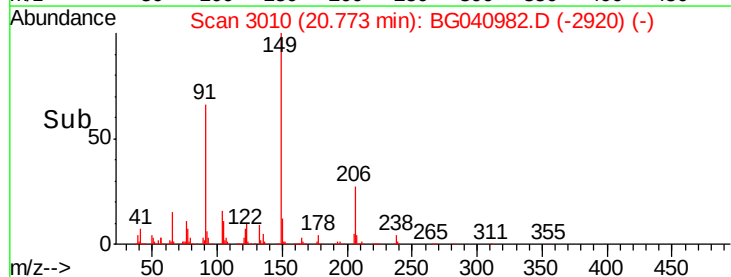
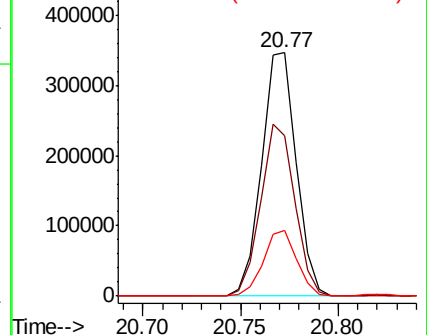
206 27.1 20.3 30.5

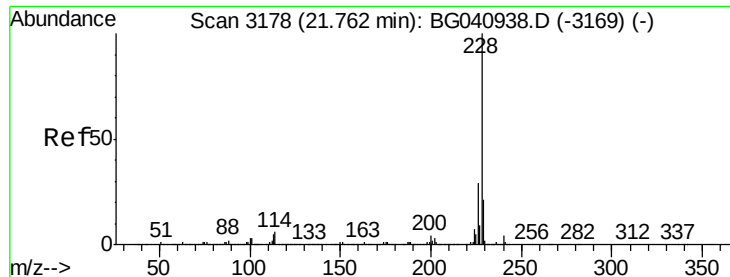


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

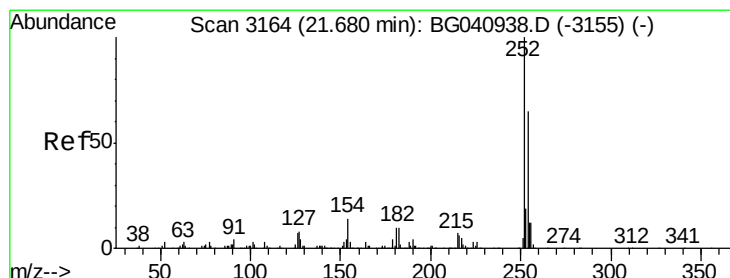
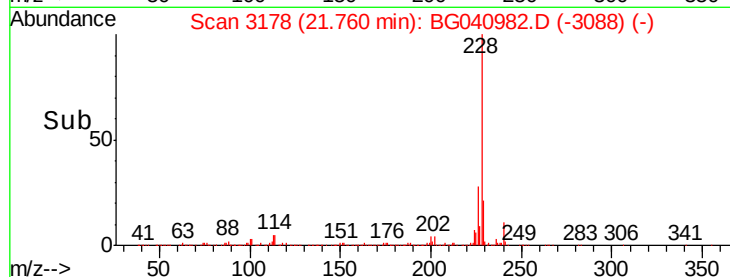
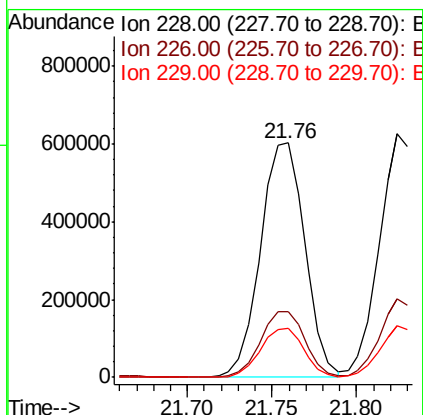
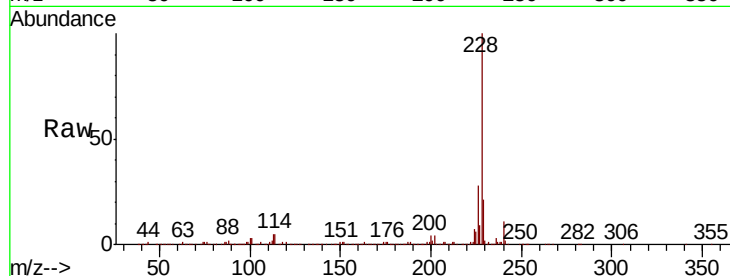




#81
Benzo(a)anthracene
Concen: 34.736 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

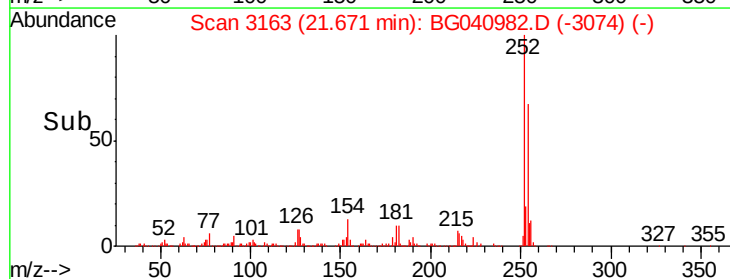
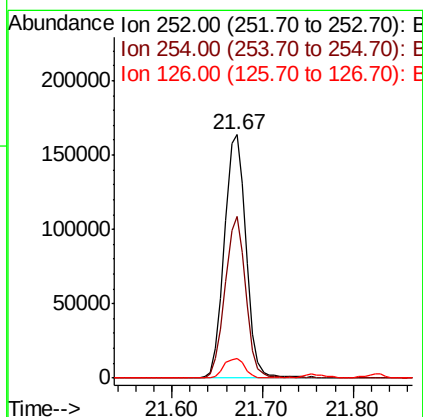
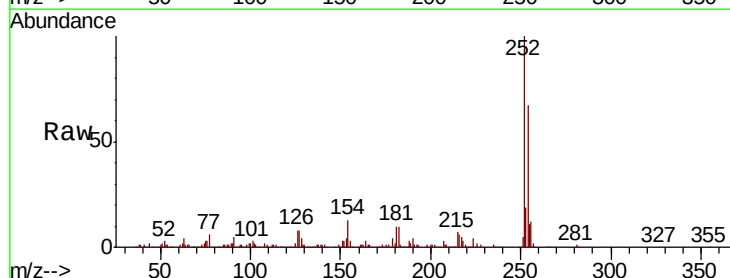
Instrument :
BNA_G
ClientSampleId :
PB118819BS

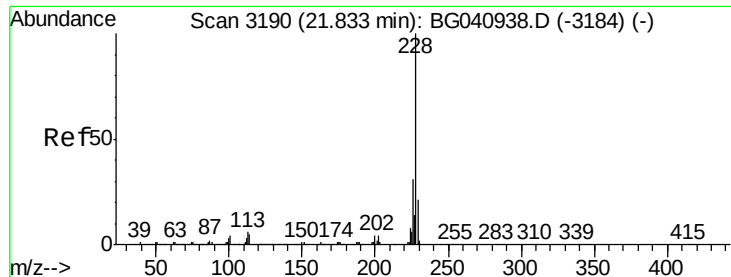
Tot Ion:228 Resp: 1091891
Ion Ratio Lower Upper
228 100
226 28.3 23.5 35.3
229 20.8 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 24.636 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Tgt Ion:252 Resp: 272384
Ion Ratio Lower Upper
252 100
254 66.5 52.1 78.1
126 8.0 5.5 8.3





#83

Chrysene

Concen: 35.401 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

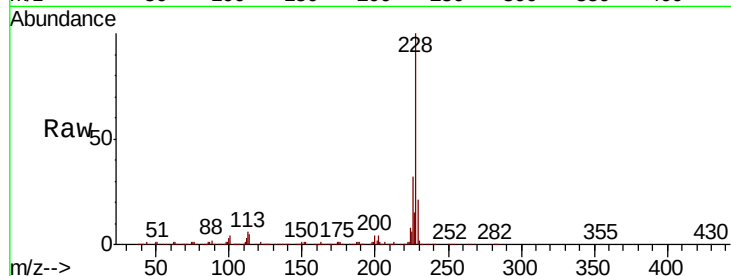
BNA_G

ClientSampleId :

PB118819BS

Tot Ion:228 Resp: 1064916

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.6	37.0
229	21.4	16.6	24.8

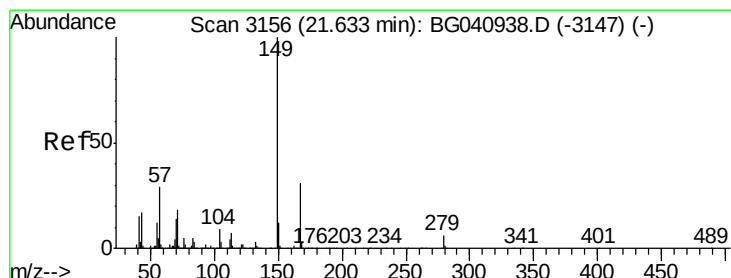
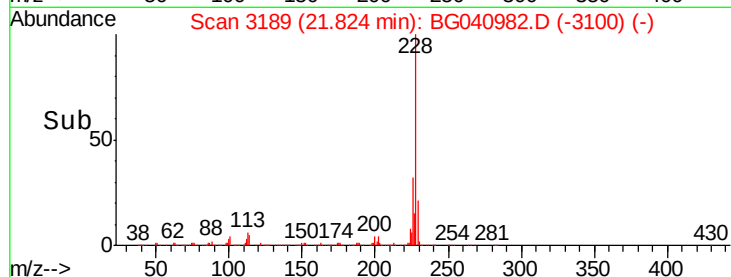
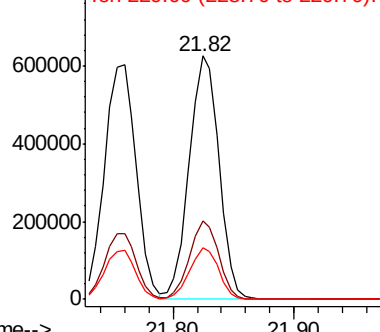


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.558 ng

RT: 21.62 min Scan# 3155

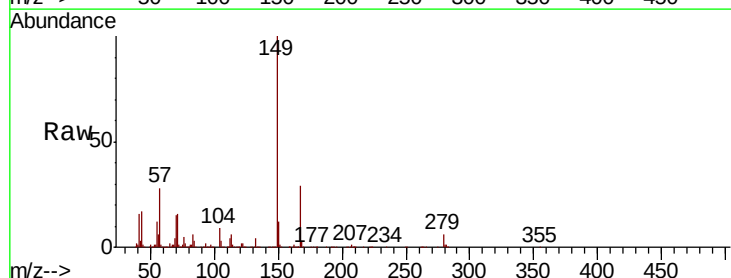
Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Tgt Ion:149 Resp: 581157

Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.6	37.0
279	6.3	5.0	7.6

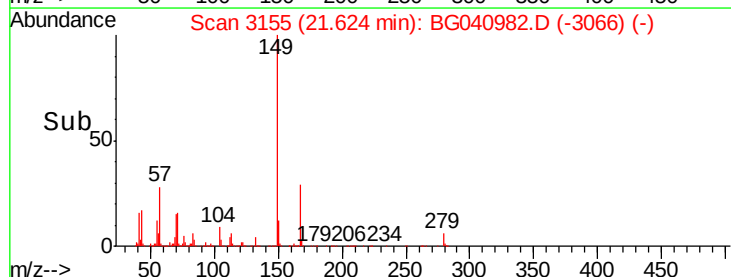
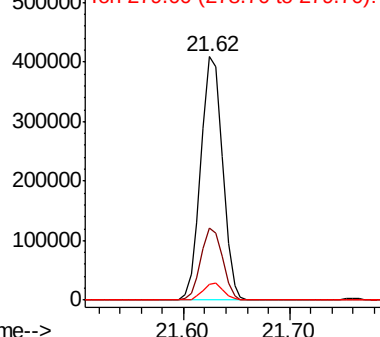


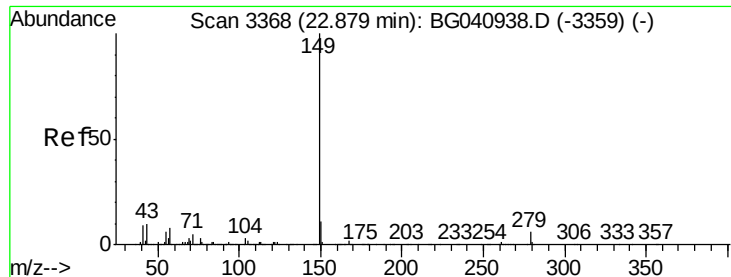
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 35.099 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118819BS

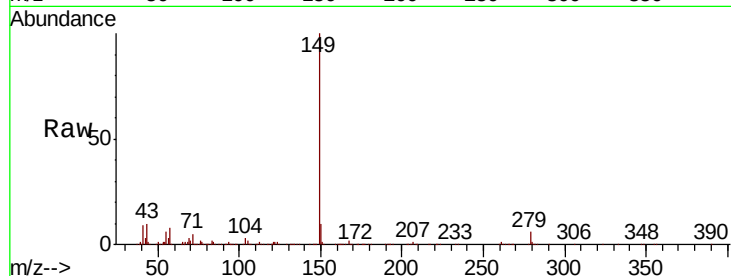
Tot Ion:149 Resp: 983034

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

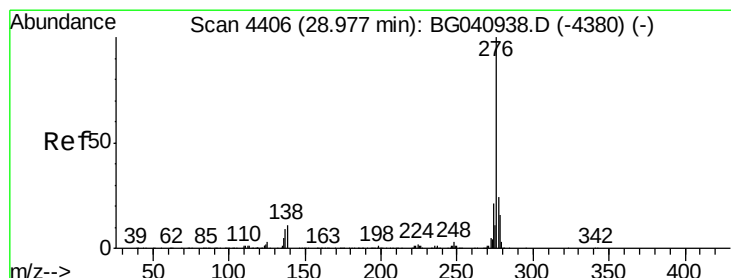
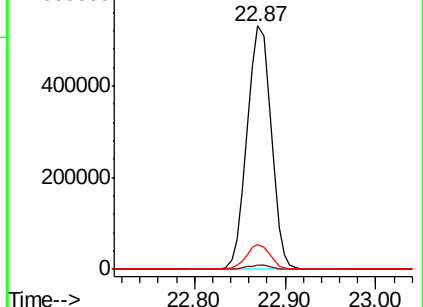
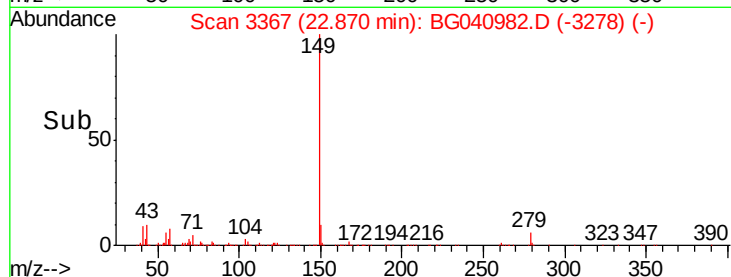
43 9.9 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.853 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.03 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

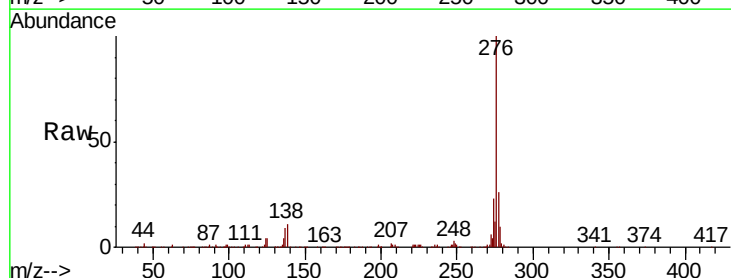
Tgt Ion:276 Resp: 1284307

Ion Ratio Lower Upper

276 100

138 8.9 5.7 8.5#

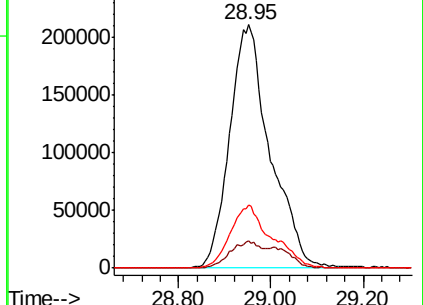
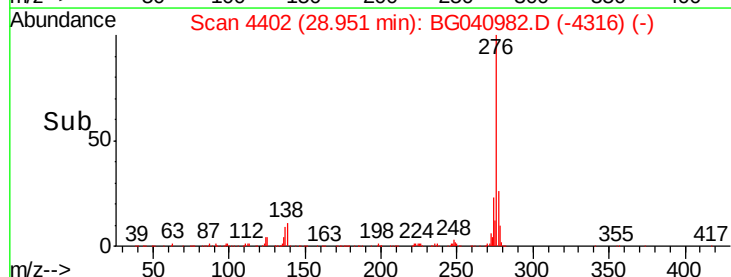
277 26.3 20.8 31.2

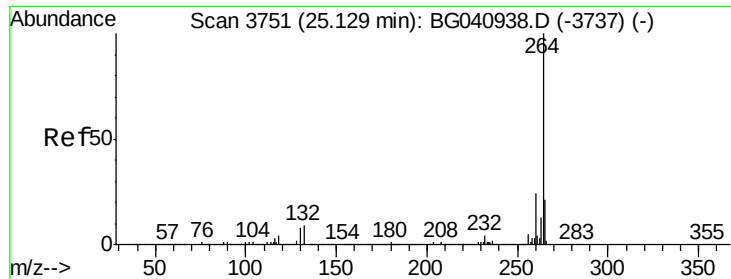


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

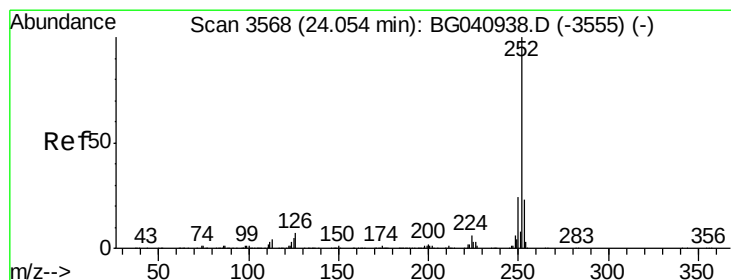
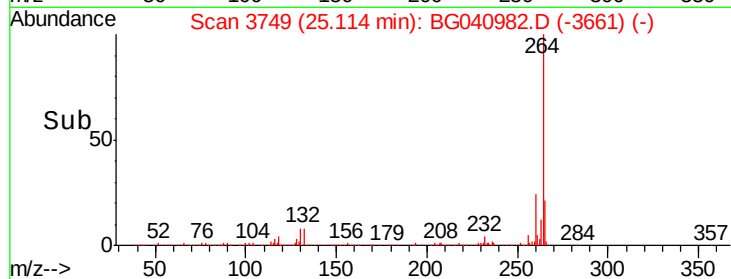
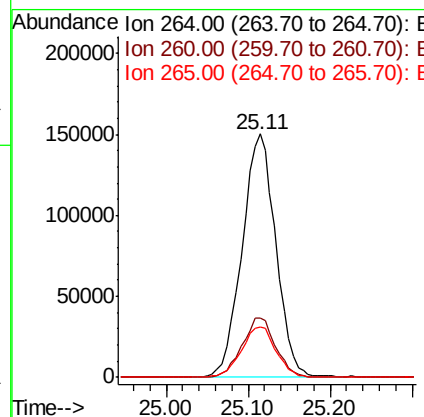
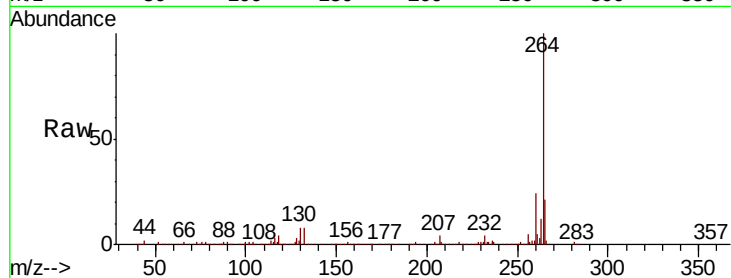




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3749
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

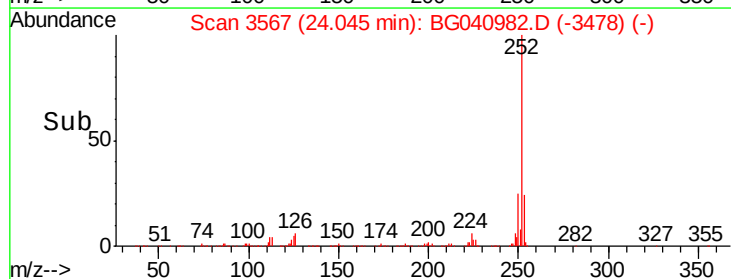
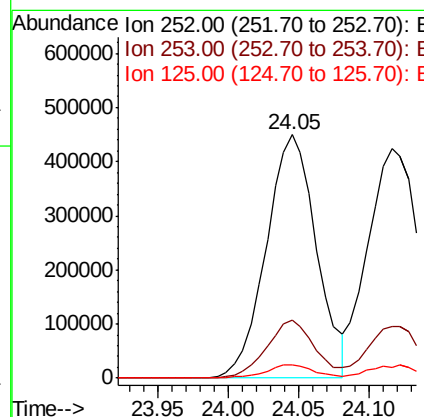
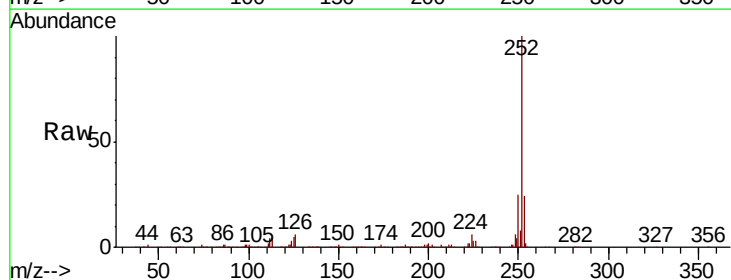
Instrument :
BNA_G
ClientSampleId :
PB118819BS

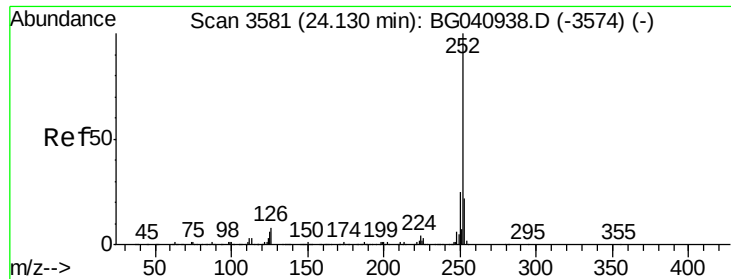
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	20.8	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 42.718 ng
RT: 24.05 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	5.2	4.3	6.5





#89

Benzo(k)fluoranthene

Concen: 41.663 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118819BS

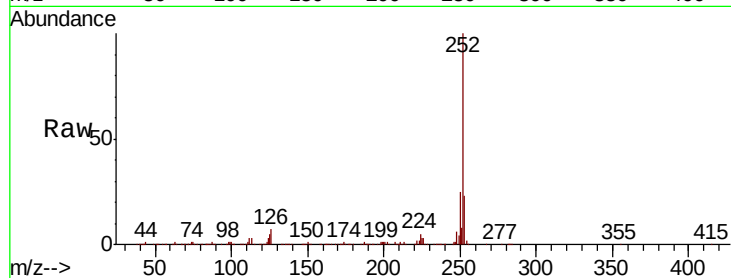
Tot Ion:252 Resp: 1075639

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

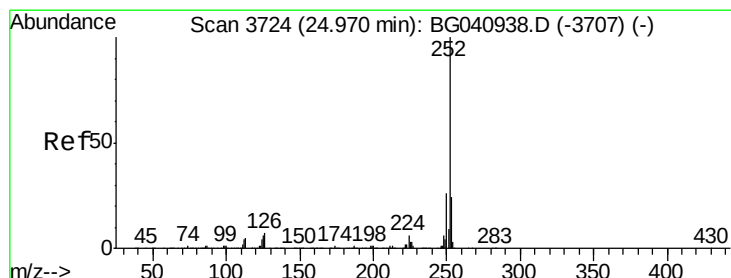
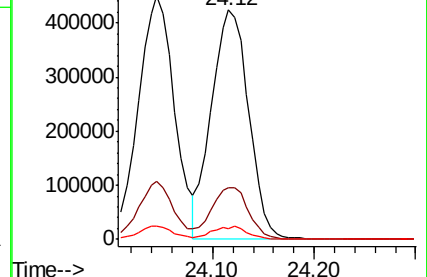
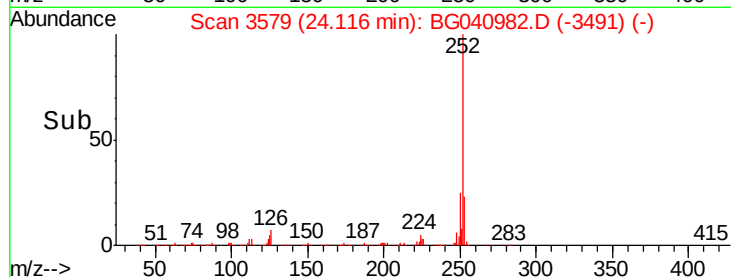
125 4.9 4.7 7.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.251 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG040982.D

Acq: 31 May 2019 17:19

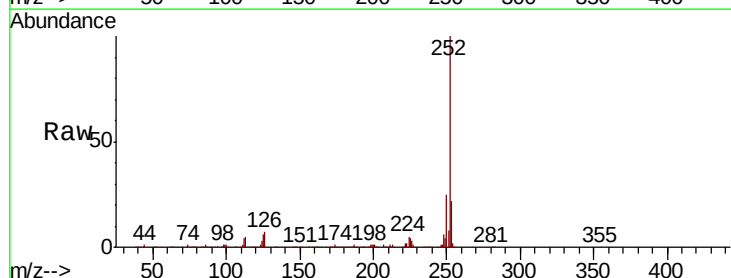
Tgt Ion:252 Resp: 1076584

Ion Ratio Lower Upper

252 100

253 21.6 19.5 29.3

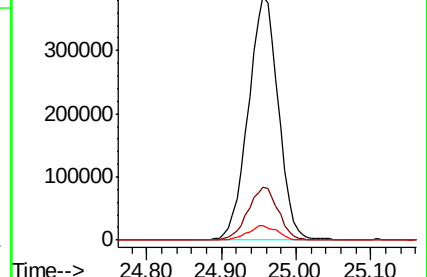
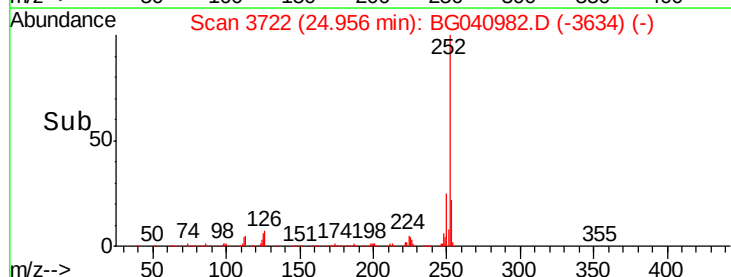
125 6.0 5.1 7.7

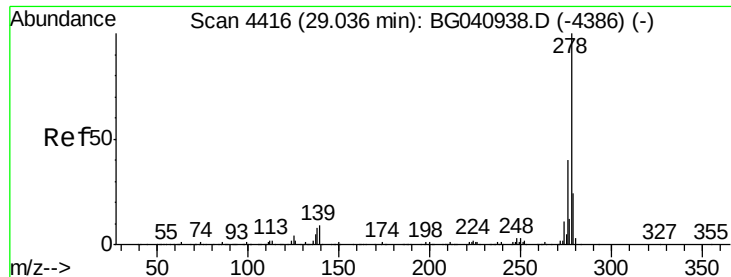


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



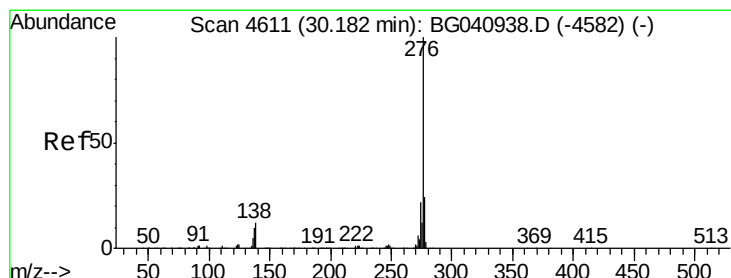
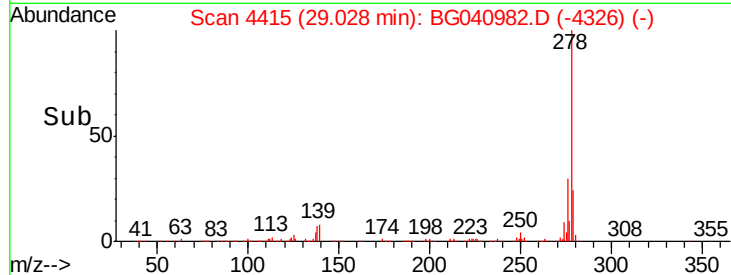
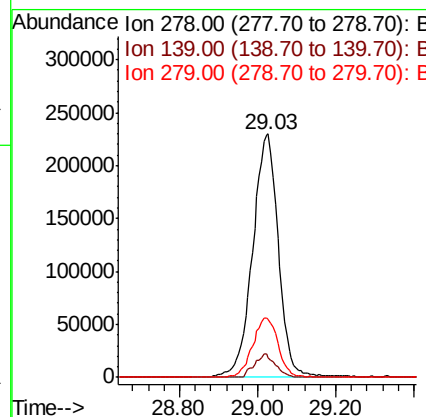
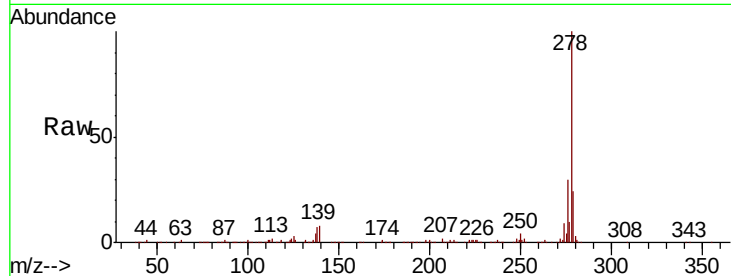


#91
Dibenzo(a,h)anthracene
Concen: 42.369 ng
RT: 29.03 min Scan# 4415
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB118819BS

Tot Ion:278 Resp: 1053810

Ion	Ratio	Lower	Upper
278	100		
139	8.1	7.1	10.7
279	23.6	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 44.226 ng
RT: 30.17 min Scan# 4609
Delta R.T. -0.01 min
Lab File: BG040982.D
Acq: 31 May 2019 17:19

Tgt Ion:276 Resp: 1068667

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	11.3	9.7	14.5

