

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040018.D
 Acq On : 20 Mar 2019 1:17
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 20 01:57:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	35915	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	164170	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	113819	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	283959	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	266613	20.00	ng	-0.02
87) Perylene-d12	25.16	264	275556	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	164684	78.23	ng	-0.02
7) Phenol-d6	7.29	99	245195	78.11	ng	-0.02
23) Nitrobenzene-d5	9.32	82	249530	82.20	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	106248	80.09	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	599020	74.93	ng	-0.02
79) Terphenyl-d14	20.11	244	967014	79.86	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	34413	35.407	ng	96
3) Pyridine	3.98	79	100054	38.453	ng	98
4) n-Nitrosodimethylamine	3.90	42	49019	39.712	ng	# 95
6) Aniline	7.47	93	159613	38.812	ng	98
8) 2-Chlorophenol	7.70	128	95900	37.549	ng	98
9) Benzaldehyde	7.29	77	67098	33.137	ng	99
10) Phenol	7.32	94	130884	38.489	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	101623	38.330	ng	98
12) 1,3-Dichlorobenzene	8.03	146	110096	38.115	ng	94
13) 1,4-Dichlorobenzene	8.18	146	109496	37.215	ng	99
14) 1,2-Dichlorobenzene	8.50	146	105431	37.088	ng	99
15) Benzyl Alcohol	8.38	79	99105	39.801	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	207730	39.175	ng	99
17) 2-Methylphenol	8.58	107	81042	37.376	ng	99
18) Hexachloroethane	9.23	117	39138	37.073	ng	96
19) n-Nitroso-di-n-propylamine	8.94	70	87108	38.554	ng	95
20) 3+4-Methylphenols	8.91	107	118709	39.409	ng	98
22) Acetophenone	8.97	105	168128	38.157	ng	# 97
24) Nitrobenzene	9.37	77	127385	40.003	ng	96
25) Isophorone	9.88	82	253090	39.792	ng	97
26) 2-Nitrophenol	10.07	139	63622	41.380	ng	# 88
27) 2,4-Dimethylphenol	10.12	122	91968	38.461	ng	95
28) bis(2-Chloroethoxy)methane	10.36	93	148826	38.505	ng	98
29) 2,4-Dichlorophenol	10.61	162	107596	39.965	ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	113801	37.564	ng	95
31) Naphthalene	11.02	128	329550	37.914	ng	99
32) Benzoic acid	10.25	122	60467	38.365	ng	91
33) 4-Chloroaniline	11.13	127	146180	39.660	ng	98
34) Hexachlorobutadiene	11.28	225	77133	37.259	ng	98
35) Caprolactam	11.92	113	41370	40.226	ng	99
36) 4-Chloro-3-methylphenol	12.23	107	125150	40.552	ng	99
37) 2-Methylnaphthalene	12.61	142	250573	38.559	ng	98
38) 1-Methylnaphthalene	12.83	142	247359	39.168	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	144038	37.355	ng	98

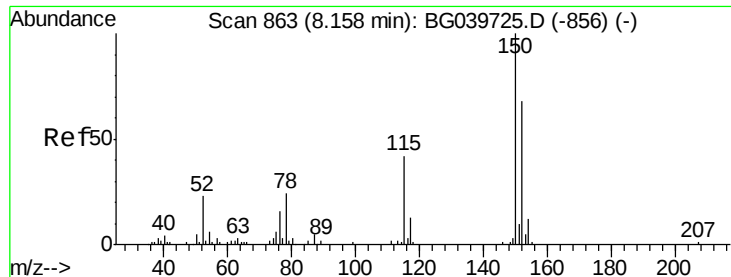
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040018.D
 Acq On : 20 Mar 2019 1:17
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTDC0040EC

Quant Time: Mar 20 01:57:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	78146	37.818	ng	100
43) 2,4,6-Trichlorophenol	13.21	196	89433	39.617	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	97782	38.428	ng	97
46) 1,1'-Biphenyl	13.60	154	354596	37.878	ng	99
47) 2-Chloronaphthalene	13.66	162	264248	37.522	ng	99
48) 2-Nitroaniline	13.86	65	97032	42.873	ng	98
49) Acenaphthylene	14.50	152	453290	39.208	ng	99
50) Dimethylphthalate	14.22	163	365959	38.451	ng	99
51) 2,6-Dinitrotoluene	14.35	165	83874	41.570	ng	97
52) Acenaphthene	14.84	154	266680	38.325	ng	99
53) 3-Nitroaniline	14.68	138	80733	39.806	ng	# 95
54) 2,4-Dinitrophenol	14.89	184	49464	41.577	ng	95
55) Dibenzofuran	15.17	168	437700	38.339	ng	97
56) 4-Nitrophenol	14.98	139	69453	38.280	ng	95
57) 2,4-Dinitrotoluene	15.14	165	119816	42.263	ng	88
58) Fluorene	15.82	166	356584	39.731	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	102472	41.235	ng	99
60) Diethylphthalate	15.56	149	374136	39.711	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	181441	37.885	ng	100
62) 4-Nitroaniline	15.85	138	91121	41.442	ng	98
63) Azobenzene	16.09	77	345867	40.498	ng	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	70127	41.768	ng	97
66) n-Nitrosodiphenylamine	16.02	169	315890	38.426	ng	99
67) 4-Bromophenyl-phenylether	16.69	248	117488	36.964	ng	97
68) Hexachlorobenzene	16.81	284	125334	38.041	ng	96
69) Atrazine	16.96	200	121043	37.413	ng	94
70) Pentachlorophenol	17.16	266	78602	37.776	ng	98
71) Phenanthrene	17.56	178	590690	37.766	ng	100
72) Anthracene	17.65	178	590822	38.763	ng	99
73) Carbazole	17.92	167	528011	38.427	ng	99
74) Di-n-butylphthalate	18.45	149	635249	39.293	ng	100
75) Fluoranthene	19.56	202	686469	37.137	ng	99
77) Benzidine	19.74	184	311736	36.846	ng	99
78) Pyrene	19.92	202	694281	40.075	ng	99
80) Butylbenzylphthalate	20.79	149	281948	42.006	ng	96
81) Benzo(a)anthracene	21.78	228	651749	39.005	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	232707	38.145	ng	98
83) Chrysene	21.85	228	621083	38.340	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	388289	41.167	ng	99
85) Di-n-octyl phthalate	22.90	149	659030	42.199	ng	96
86) Indeno(1,2,3-cd)pyrene	29.02	276	722993	39.342	ng	# 96
88) Benzo(b)fluoranthene	24.09	252	634446	38.611	ng	99
89) Benzo(k)fluoranthene	24.16	252	595872	38.957	ng	99
90) Benzo(a)pyrene	25.01	252	598428	39.412	ng	98
91) Dibenzo(a,h)anthracene	29.09	278	575353	38.651	ng	98
92) Benzo(g,h,i)perylene	30.25	276	583222	39.011	ng	95

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

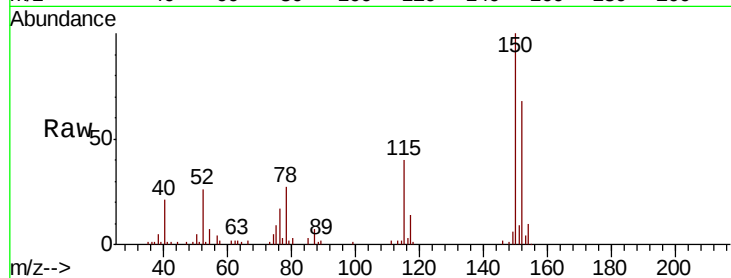


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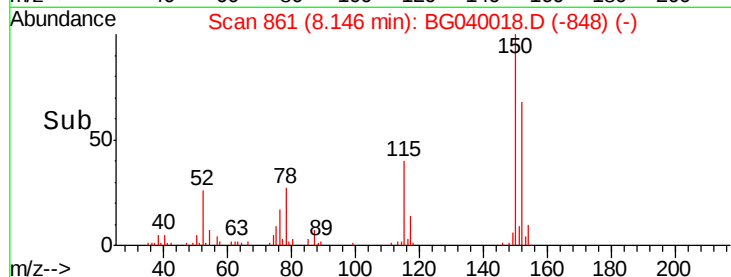
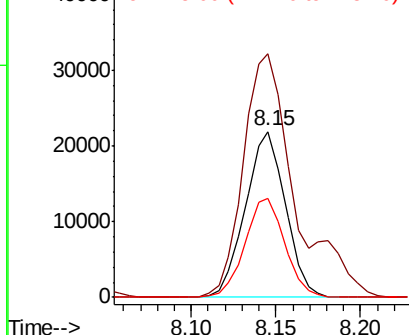
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 35915
Ion Ratio Lower Upper
152 100
150 146.8 123.7 185.5
115 59.4 45.9 68.9



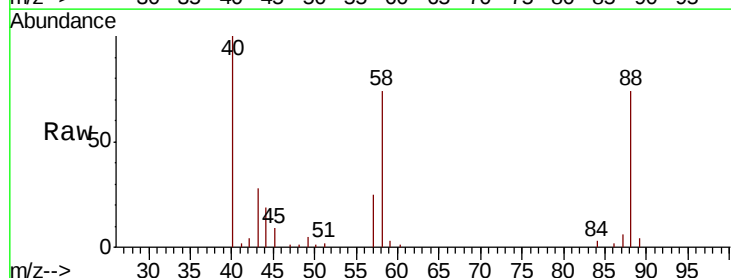
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



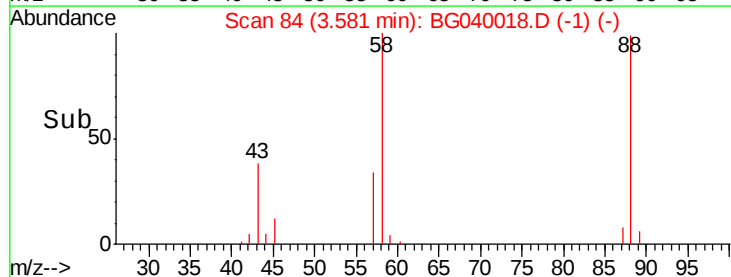
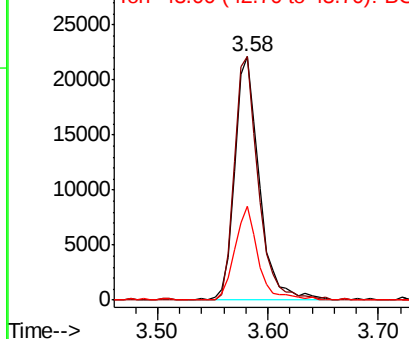
#2

1,4-Dioxane
Concen: 35.407 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Tgt Ion: 88 Resp: 34413
Ion Ratio Lower Upper
88 100
58 97.8 81.1 121.7
43 36.5 31.4 47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.453 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

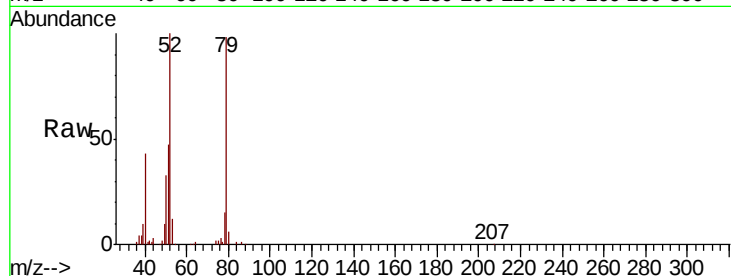
Tot Ion: 79 Resp: 100054

Ion Ratio Lower Upper

79 100

52 101.9 82.6 124.0

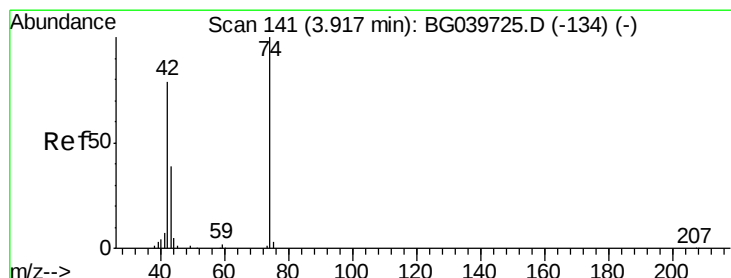
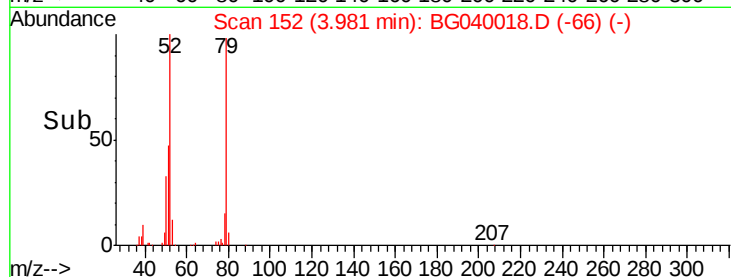
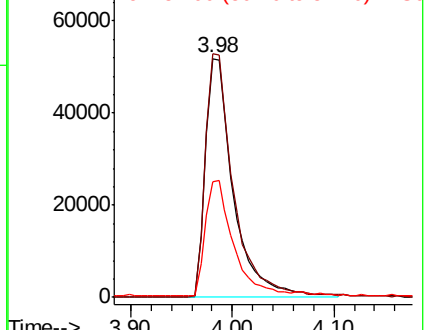
51 48.4 37.5 56.3



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: 39.712 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

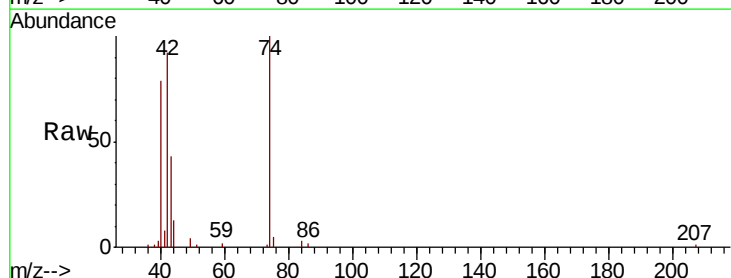
Tgt Ion: 42 Resp: 49019

Ion Ratio Lower Upper

42 100

74 108.7 83.6 125.4

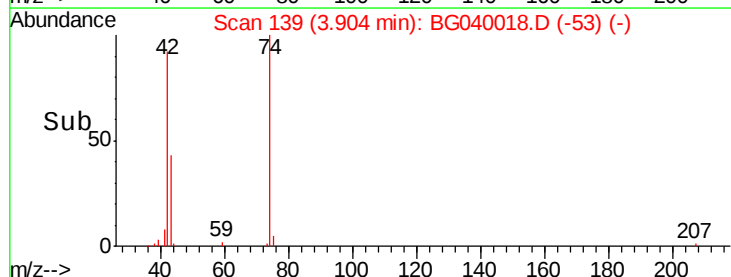
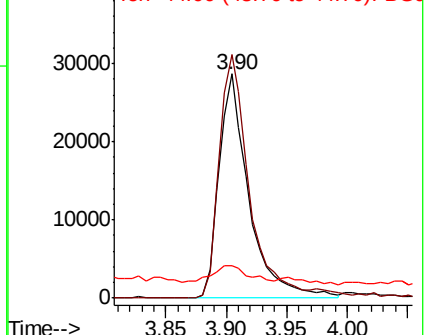
44 14.4 6.9 10.3#



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: 78.227 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

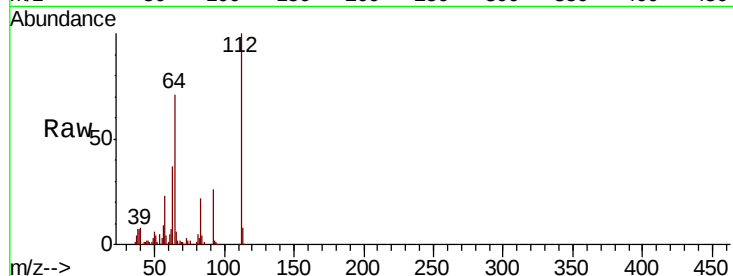
Tot Ion:112 Resp: 164684

Ion Ratio Lower Upper

112 100

64 70.5 57.8 86.8

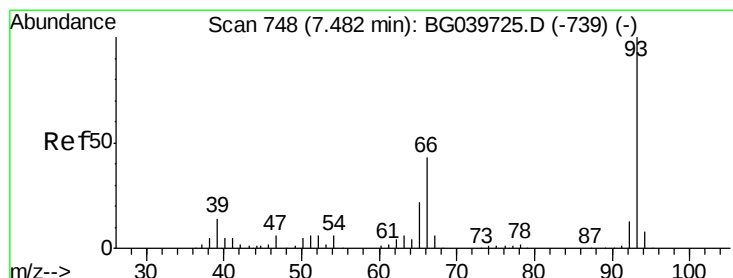
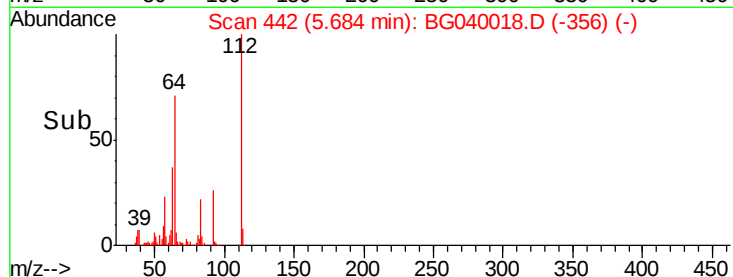
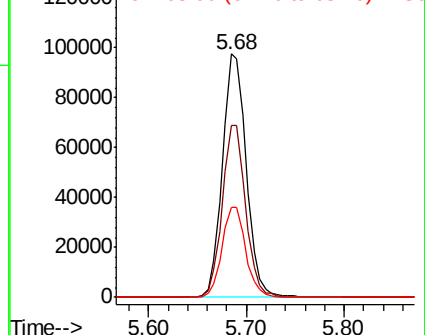
63 36.9 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.812 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

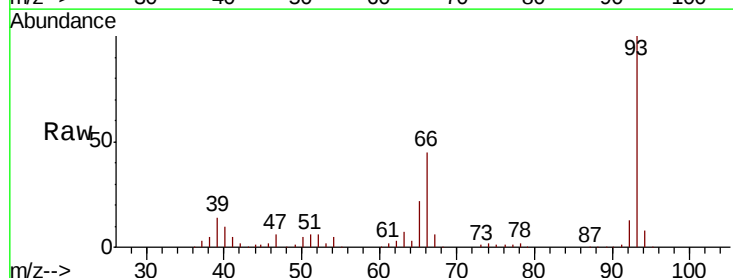
Tgt Ion: 93 Resp: 159613

Ion Ratio Lower Upper

93 100

66 44.8 34.2 51.4

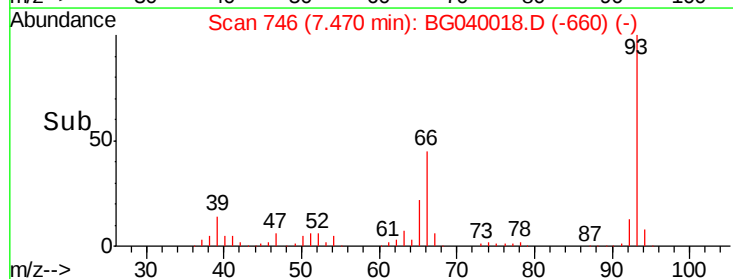
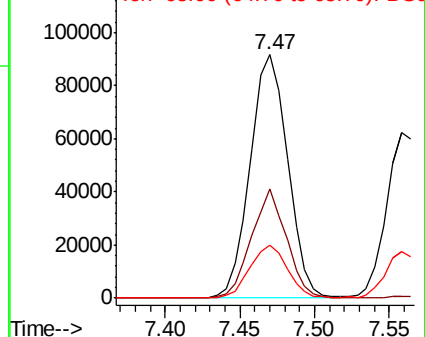
65 21.8 17.7 26.5

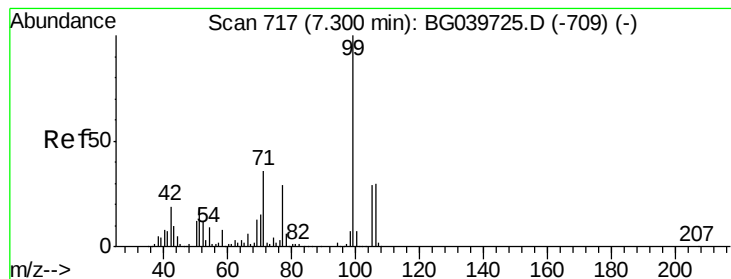


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.113 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

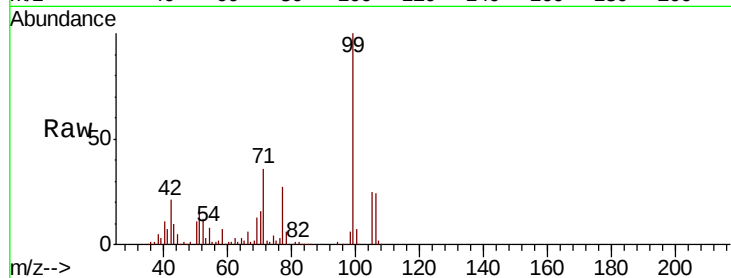
Tot Ion: 99 Resp: 245195

Ion Ratio Lower Upper

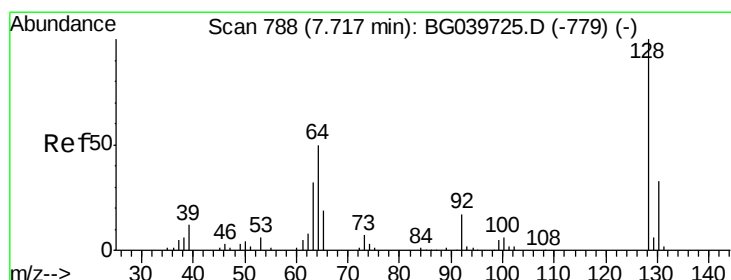
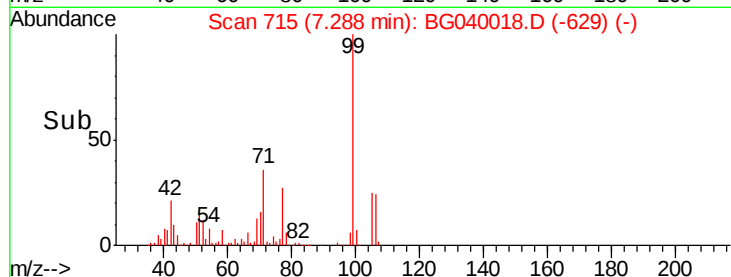
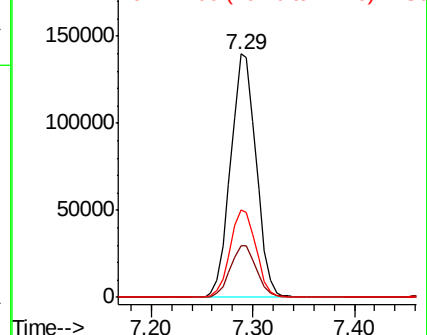
99 100

42 21.0 18.2 27.2

71 35.7 28.0 42.0



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



#8

2-Chlorophenol

Concen: 37.549 ng

RT: 7.70 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

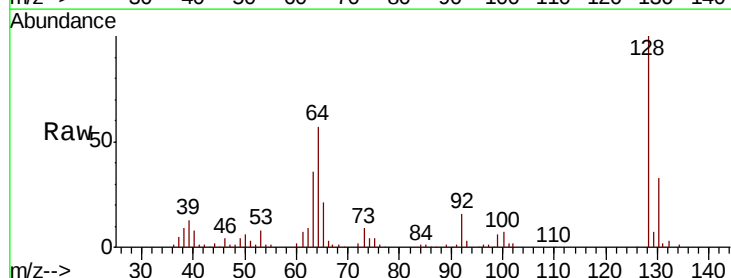
Tgt Ion: 128 Resp: 95900

Ion Ratio Lower Upper

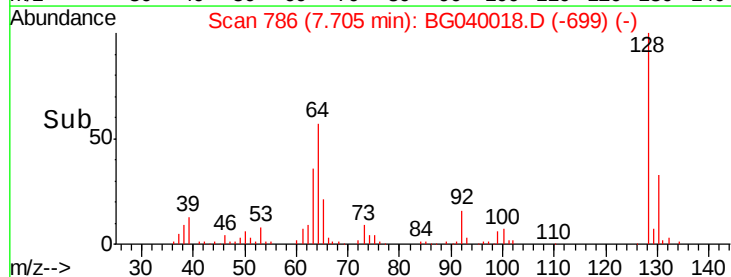
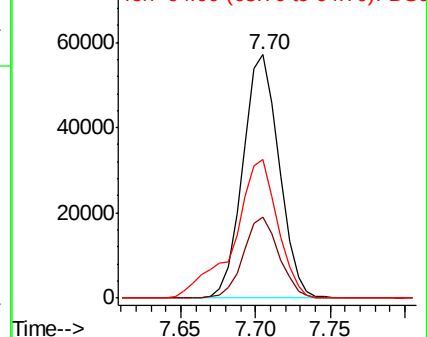
128 100

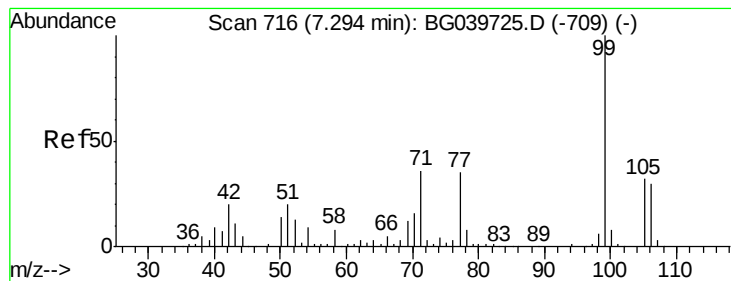
130 33.1 12.9 52.9

64 56.8 38.7 78.7



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





#9

Benzaldehyde

Concen: 33.137 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

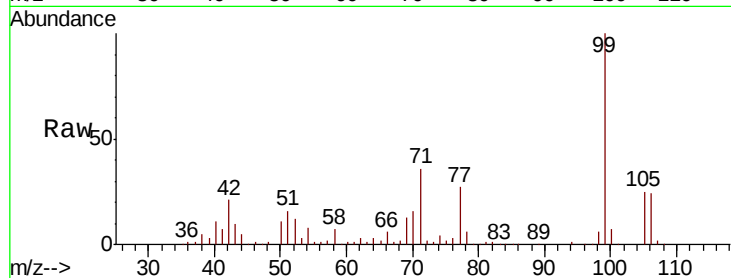
Tot Ion: 77 Resp: 67098

Ion Ratio Lower Upper

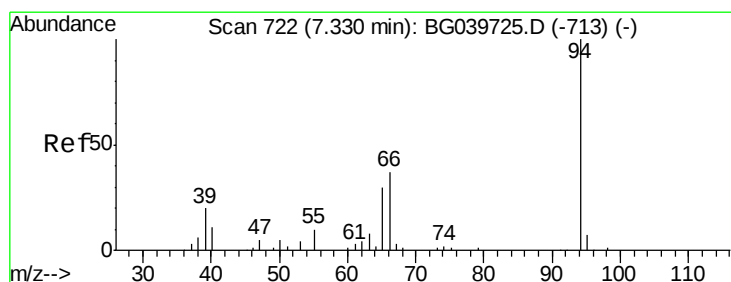
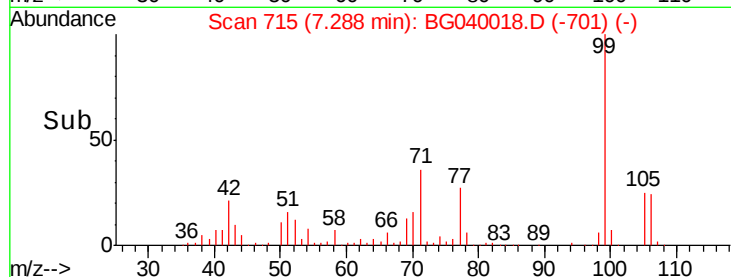
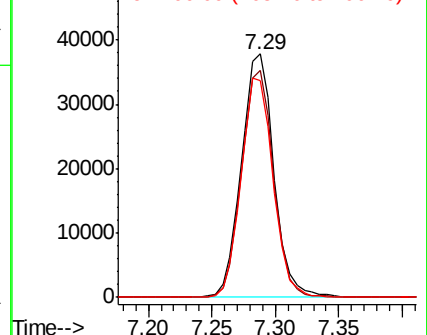
77 100

105 93.3 74.5 114.5

106 89.0 68.0 108.0



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: 38.489 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

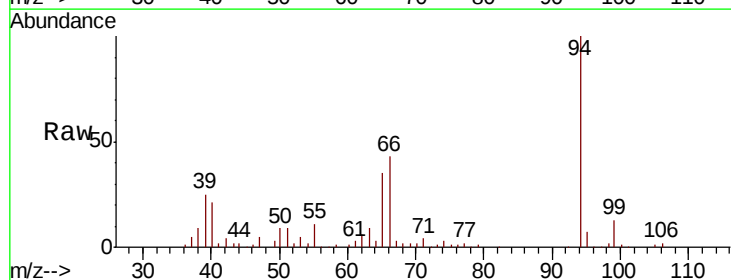
Tgt Ion: 94 Resp: 130884

Ion Ratio Lower Upper

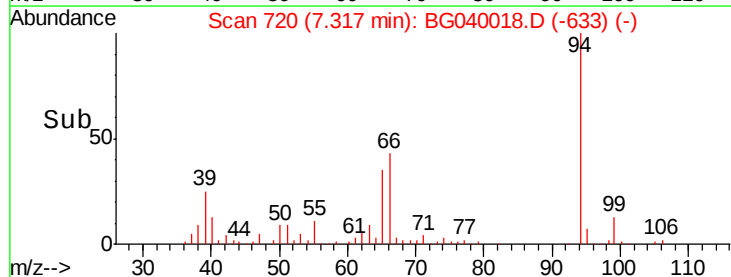
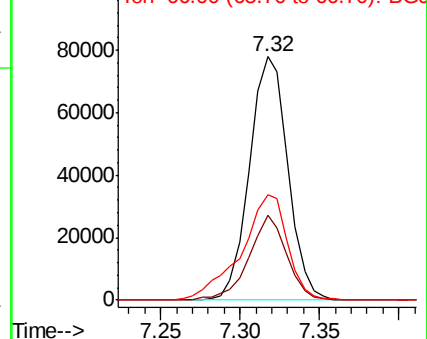
94 100

65 34.8 11.7 51.7

66 43.1 23.7 63.7



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

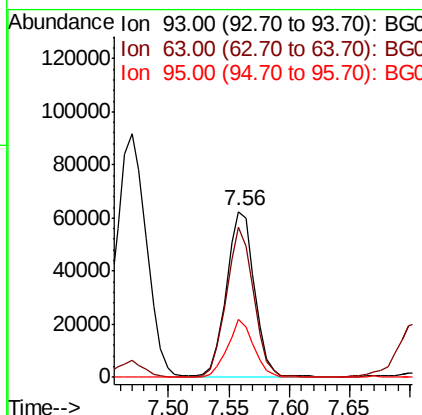
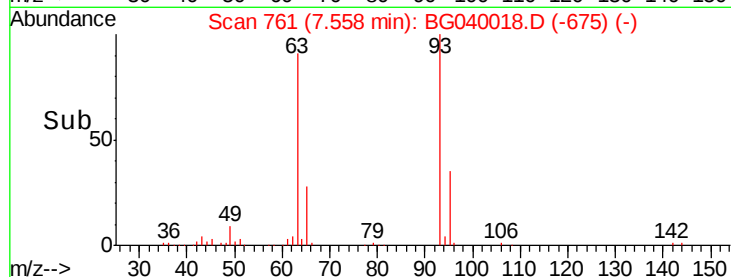
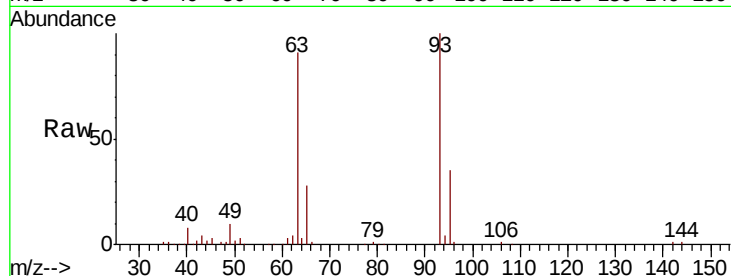




#11
 bis(2-Chloroethyl)ether
 Concen: 38.330 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

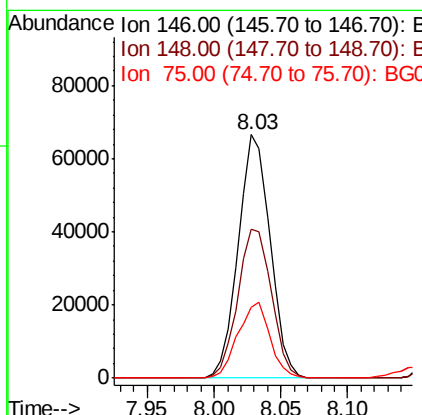
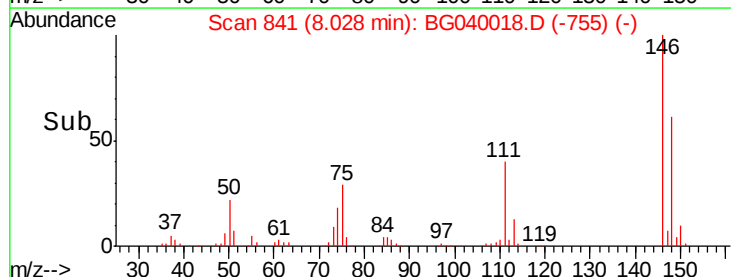
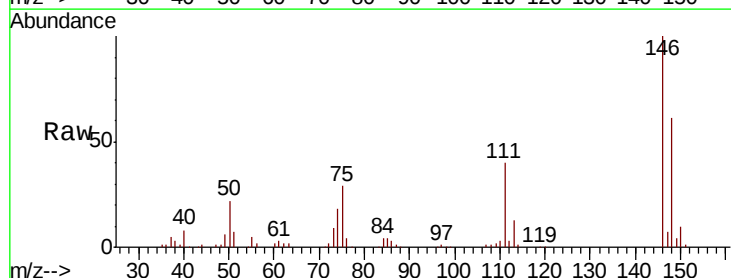
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

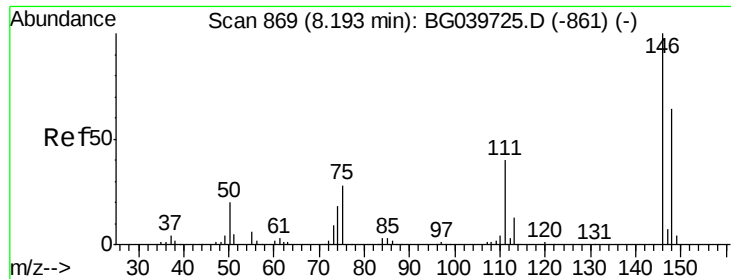
Tot Ion: 93 Resp: 101623
 Ion Ratio Lower Upper
 93 100
 63 90.8 69.5 109.5
 95 35.1 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 38.115 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

Tgt Ion: 146 Resp: 110096
 Ion Ratio Lower Upper
 146 100
 148 61.2 52.6 79.0
 75 29.3 25.8 38.6

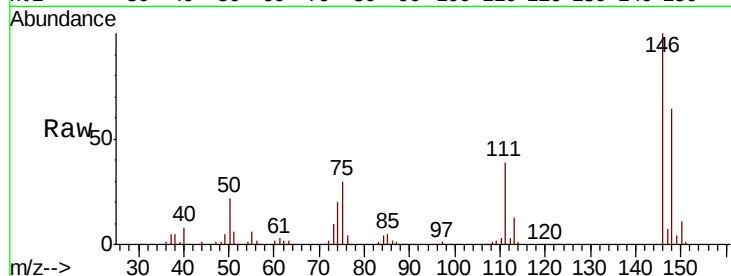




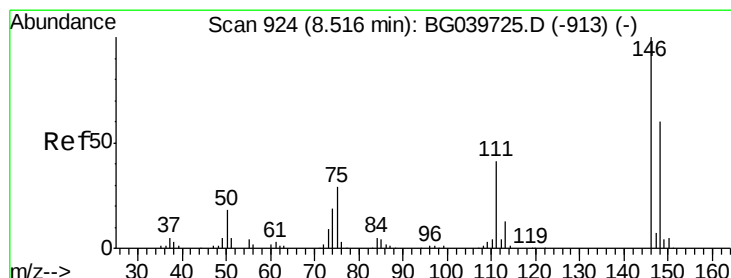
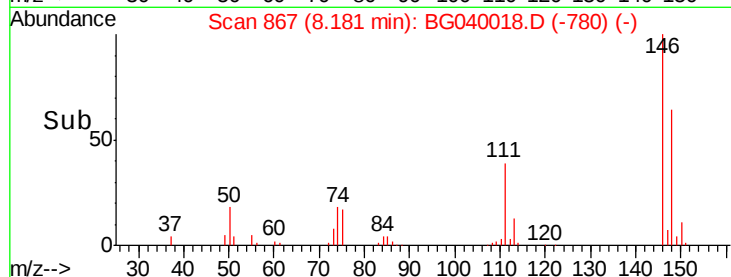
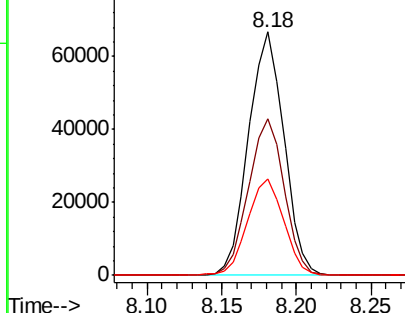
#13
 1,4-Dichlorobenzene
 Concen: 37.215 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:146 Resp: 109496
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 39.4 32.6 48.8

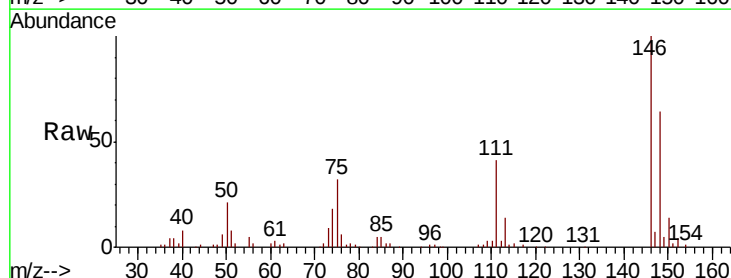


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

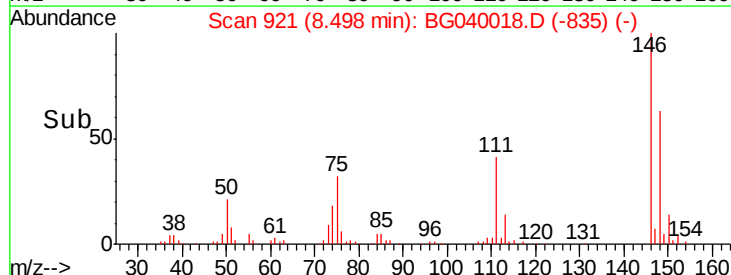
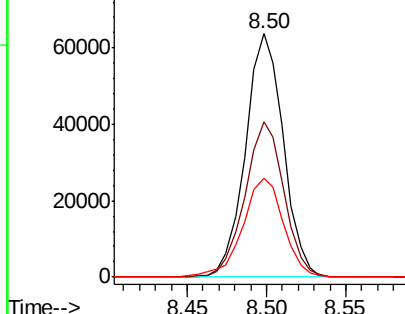


#14
 1,2-Dichlorobenzene
 Concen: 37.088 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

Tgt Ion:146 Resp: 105431
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.5 77.3
 111 40.9 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.801 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

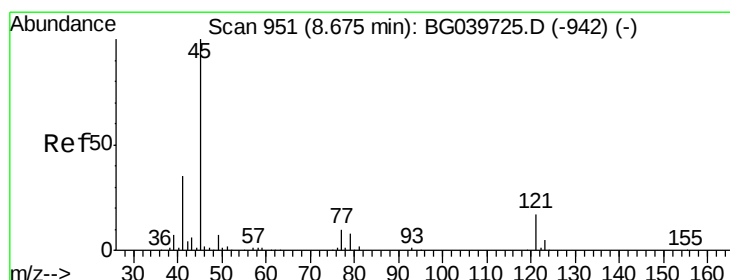
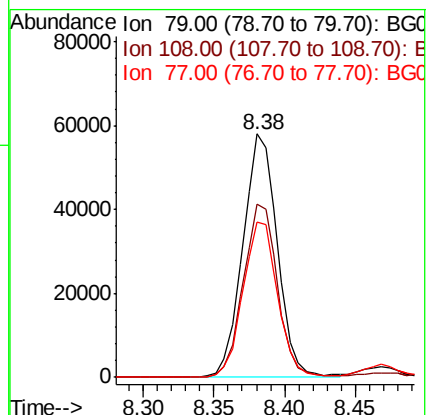
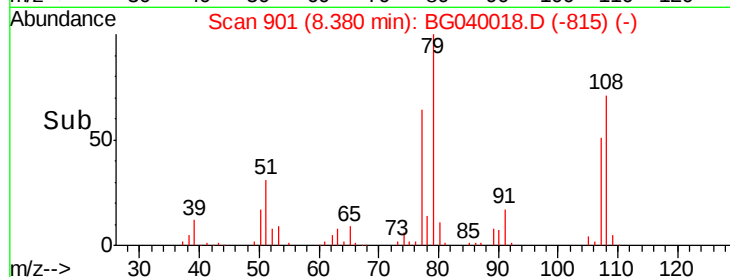
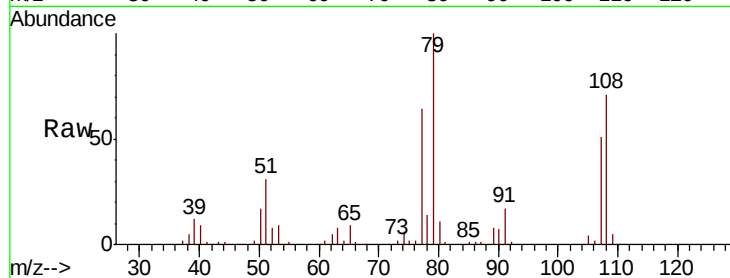
Tot Ion: 79 Resp: 99105

Ion Ratio Lower Upper

79 100

108 71.1 57.8 86.6

77 63.6 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.175 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

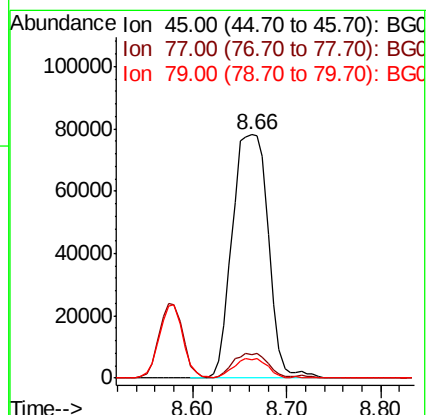
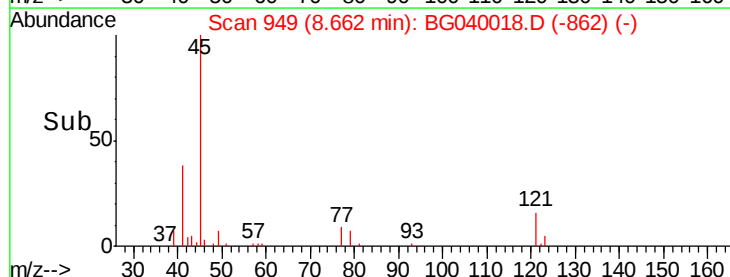
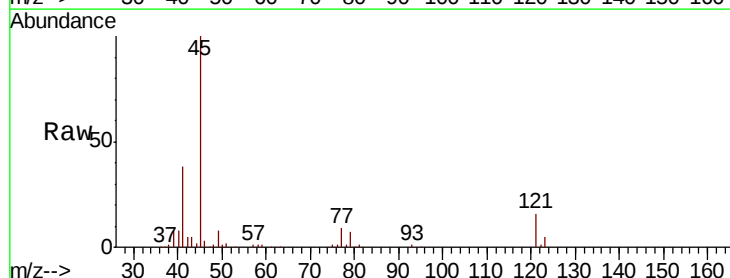
Tgt Ion: 45 Resp: 207730

Ion Ratio Lower Upper

45 100

77 9.4 0.0 30.0

79 7.3 0.0 27.5

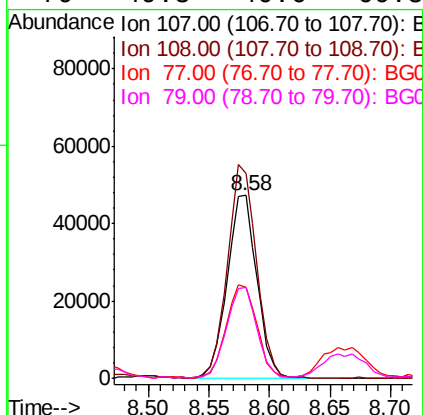
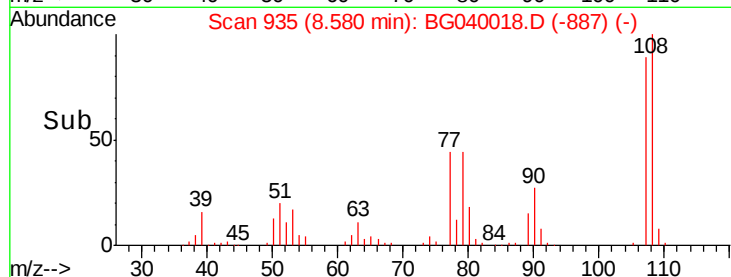
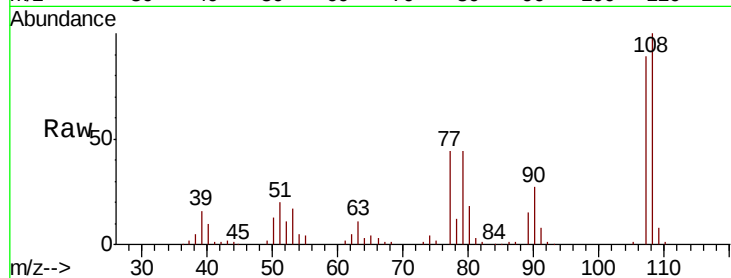




#17
2-Methylphenol
Concen: 37.376 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

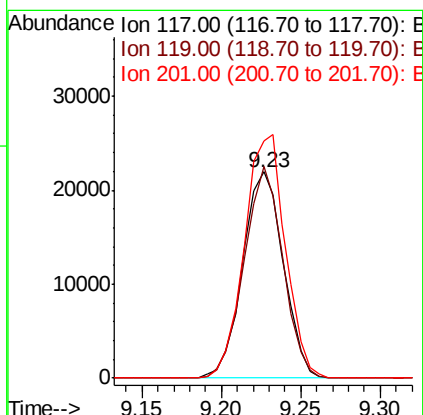
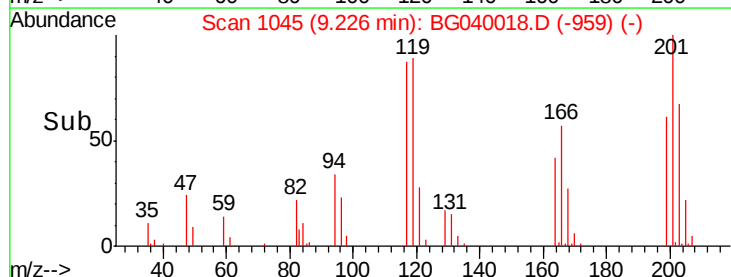
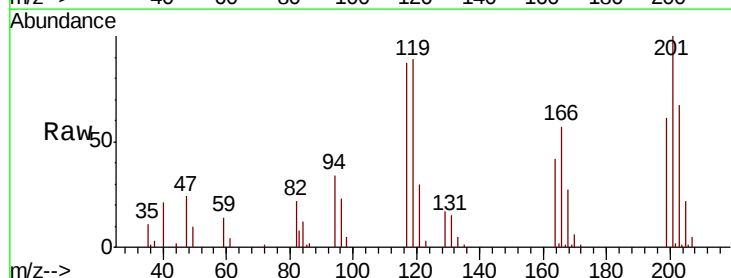
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

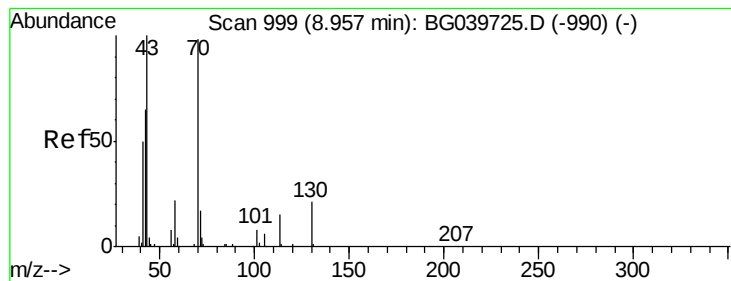
Tot Ion:	107	Resp:	81042
Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.8	136.2
77	49.6	40.7	61.1
79	49.8	40.6	60.8



#18
Hexachloroethane
Concen: 37.073 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Tgt Ion:	117	Resp:	39138
Ion	Ratio	Lower	Upper
117	100		
119	102.9	76.3	114.5
201	115.3	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 38.554 ng

RT: 8.94 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 87108

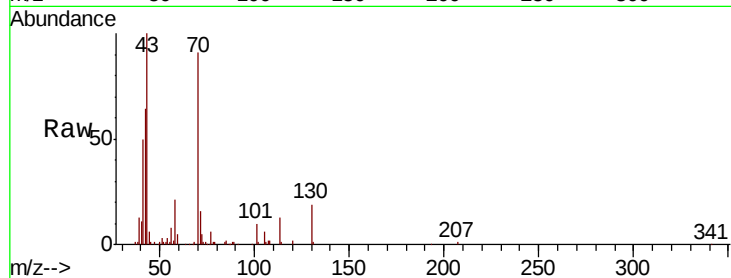
Ion Ratio Lower Upper

70 100

42 70.1 60.4 90.6

101 10.7 7.5 11.3

130 20.7 16.9 25.3

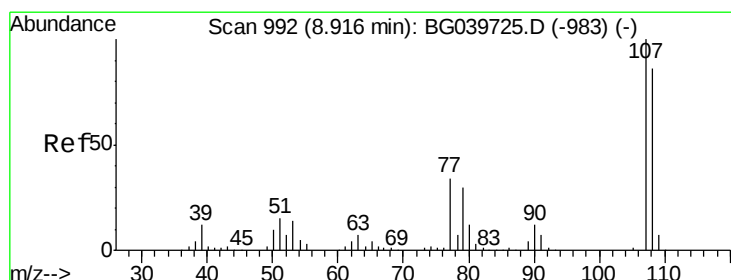
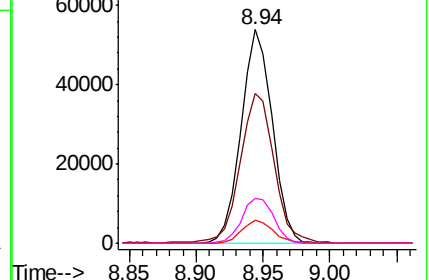
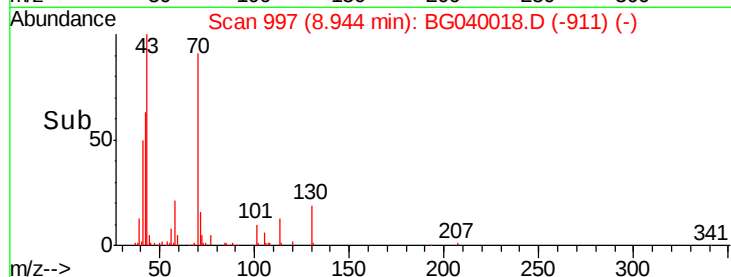


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 39.409 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Tgt Ion:107 Resp: 118709

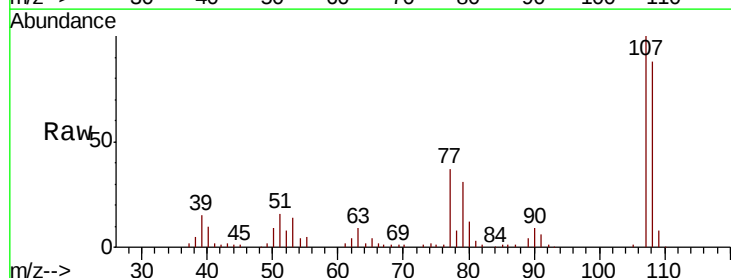
Ion Ratio Lower Upper

107 100

108 87.6 67.9 107.9

77 36.9 15.4 55.4

79 31.3 13.7 53.7

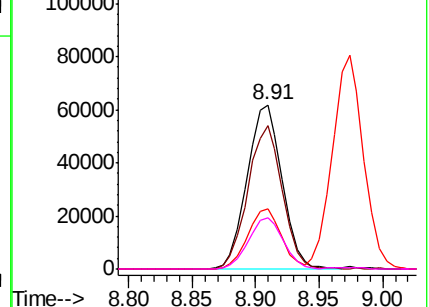
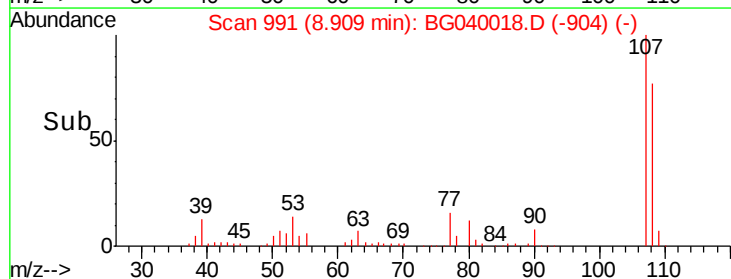


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

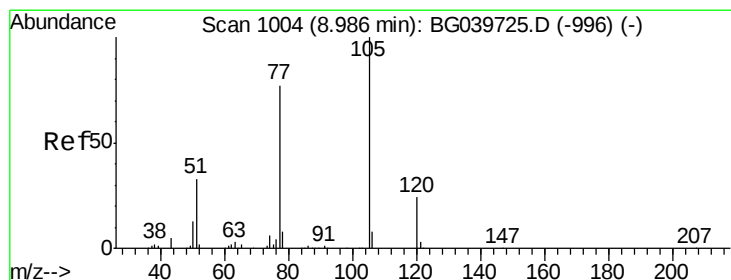
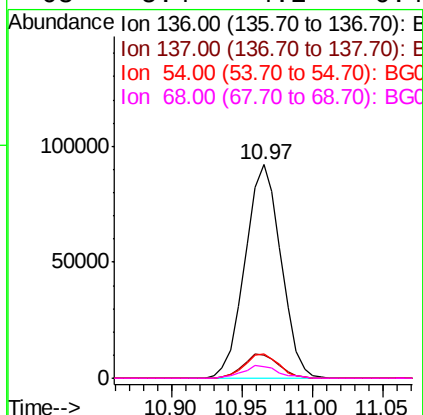
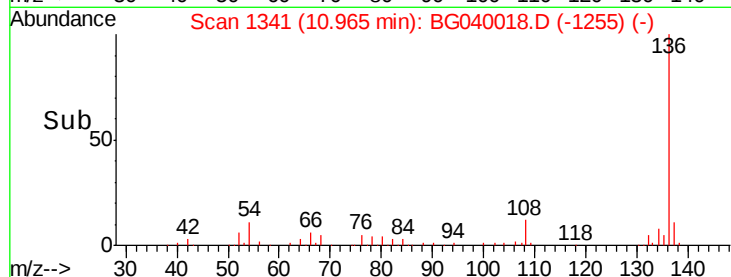
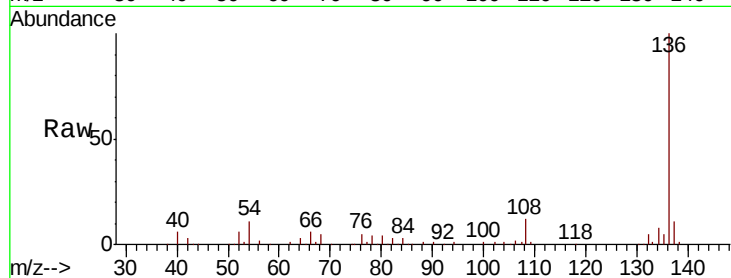




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

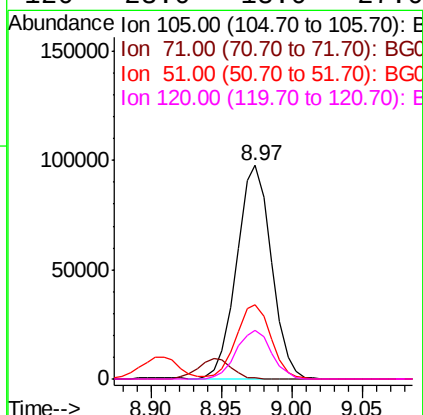
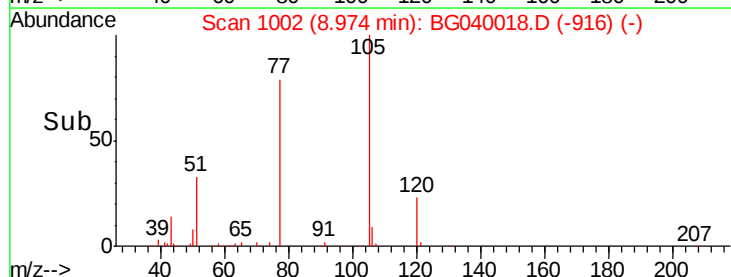
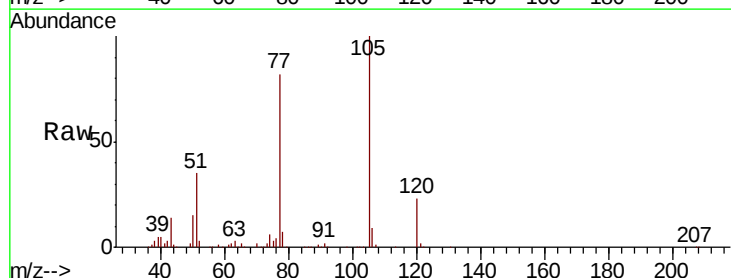
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

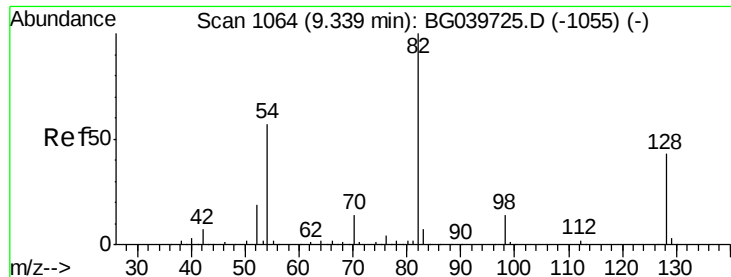
Tot Ion:136	Resp:	164170
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.1 13.7
54	11.1	9.4 14.2
68	5.4	4.2 6.4



#22
Acetophenone
Concen: 38.157 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Tgt Ion:105	Resp:	168128
Ion	Ratio	Lower Upper
105	100	
71	0.3	0.8 1.2#
51	34.8	30.2 45.2
120	23.0	18.0 27.0

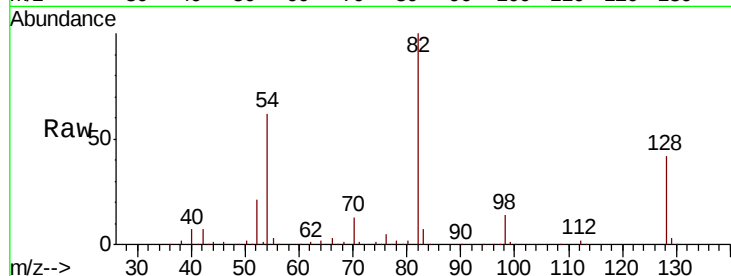




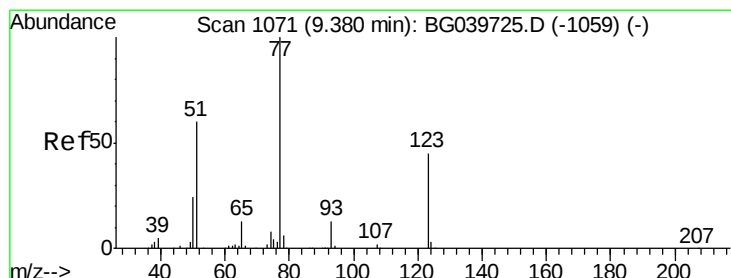
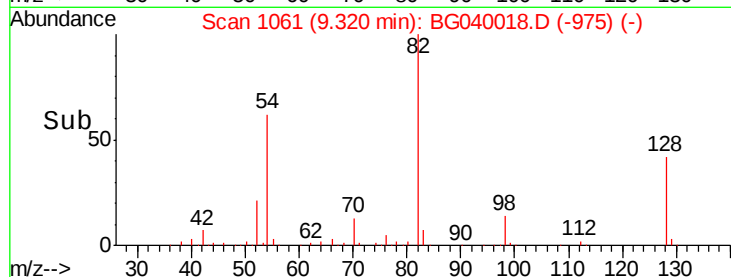
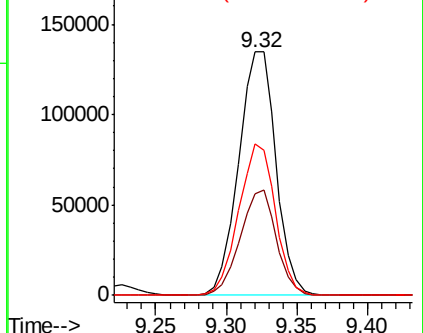
#23
 Nitrobenzene-d5
 Concen: 82.205 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion: 82 Resp: 249530
 Ion Ratio Lower Upper
 82 100
 128 41.8 31.3 46.9
 54 62.0 50.9 76.3

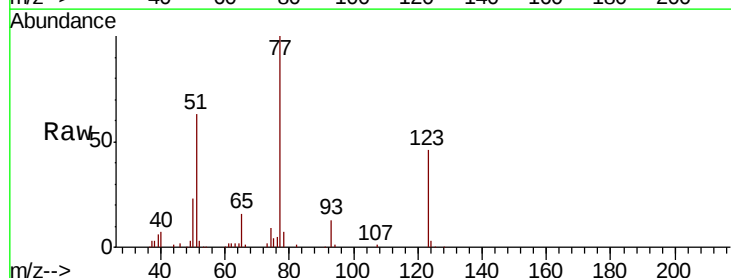


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

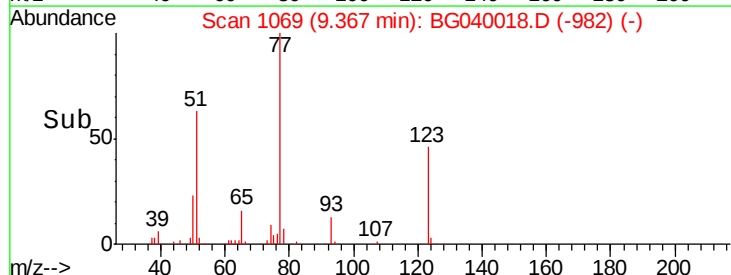
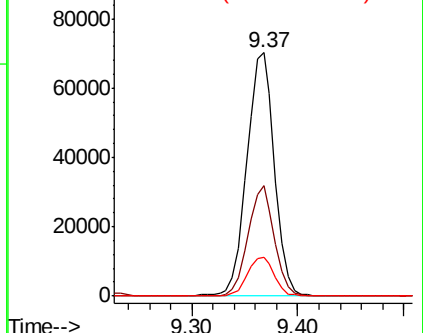


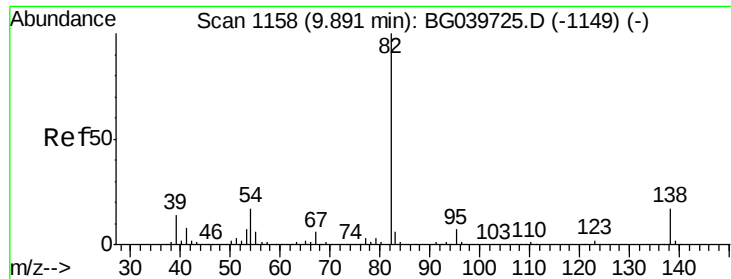
#24
 Nitrobenzene
 Concen: 40.003 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

Tgt Ion: 77 Resp: 127385
 Ion Ratio Lower Upper
 77 100
 123 45.5 34.1 51.1
 65 16.1 12.3 18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

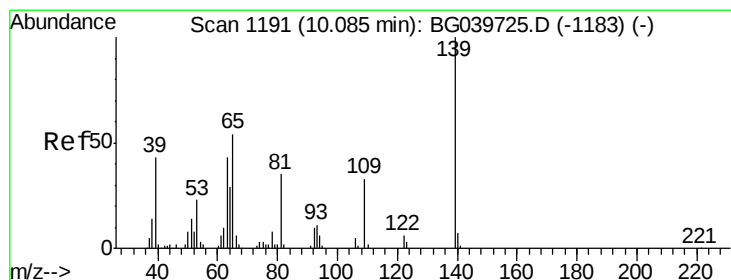
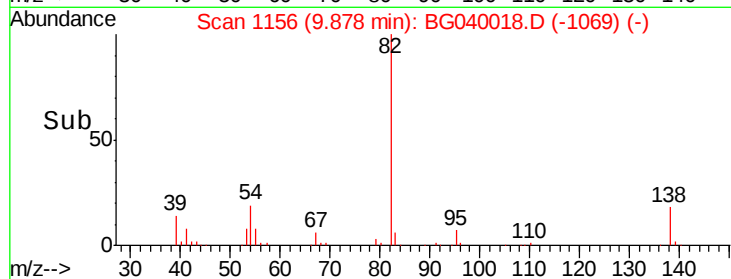
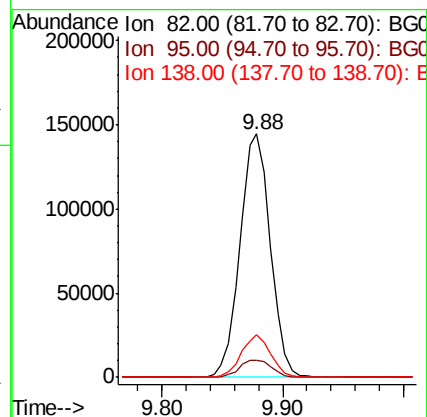
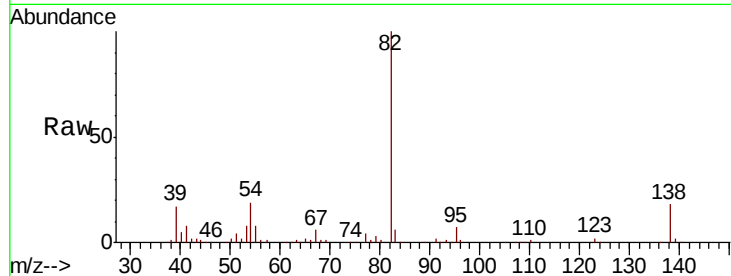




#25
Isophorone
Concen: 39.792 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

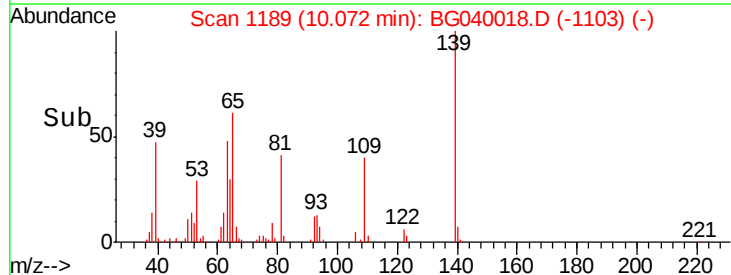
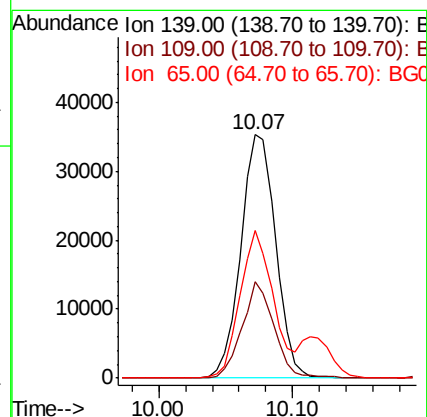
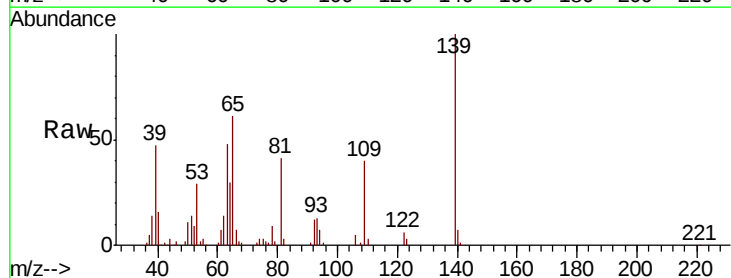
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion: 82 Resp: 253090
Ion Ratio Lower Upper
82 100
95 7.1 6.2 9.2
138 17.7 13.0 19.4



#26
2-Nitrophenol
Concen: 41.380 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Tgt Ion: 139 Resp: 63622
Ion Ratio Lower Upper
139 100
109 39.6 23.4 35.0#
65 60.8 44.3 66.5

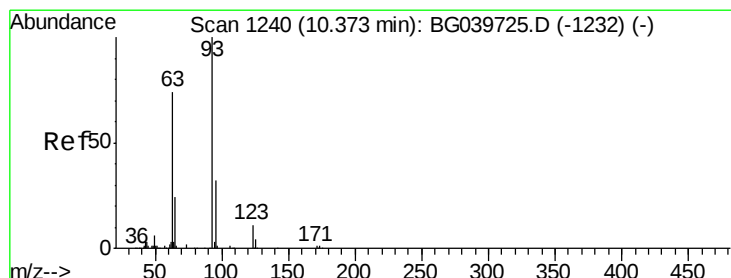
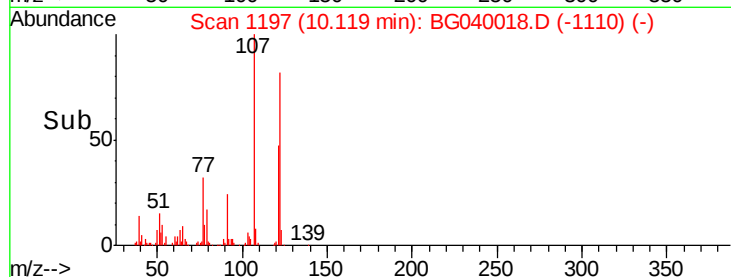
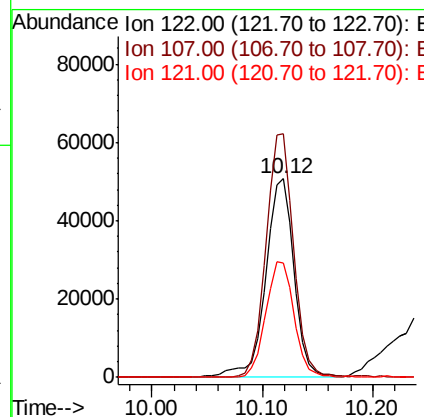
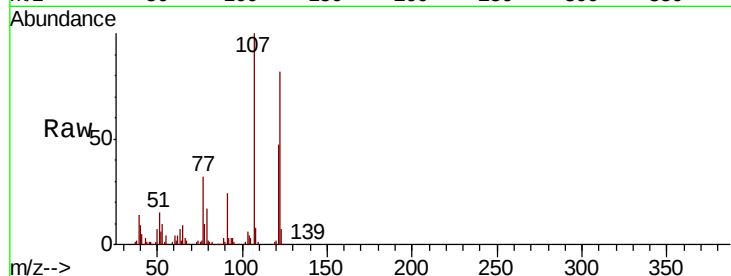




#27
2,4-Dimethylphenol
Concen: 38.461 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

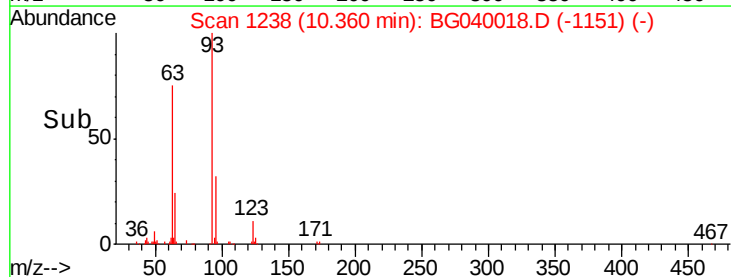
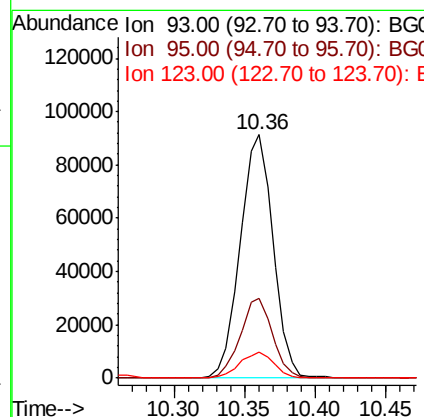
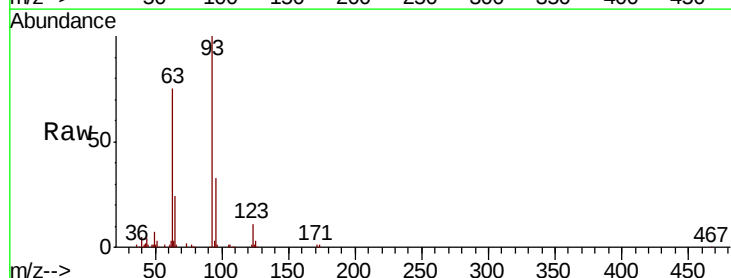
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.6	91.7	137.5
121	57.4	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.505 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.0	37.4
123	10.8	8.6	12.8

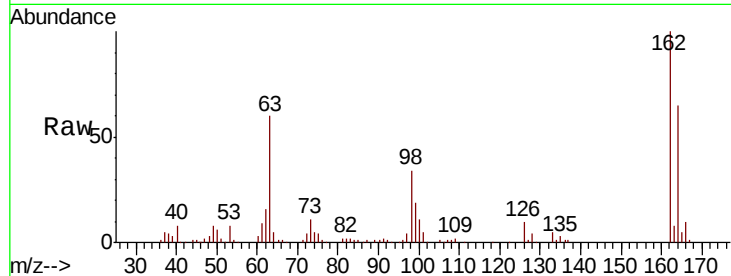




#29
 2,4-Dichlorophenol
 Concen: 39.965 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC0040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	48.1	88.1
98	34.4	18.1	58.1

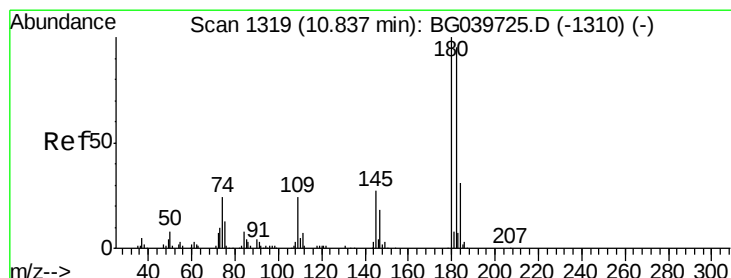
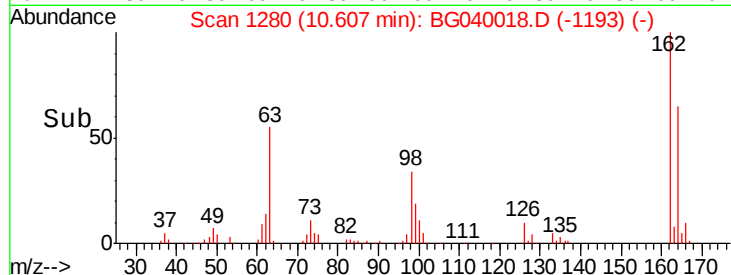
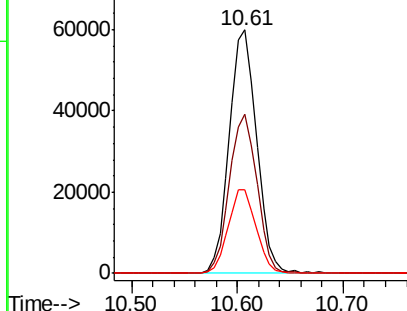


Abundance

Ion 162.00 (161.70 to 162.70): E

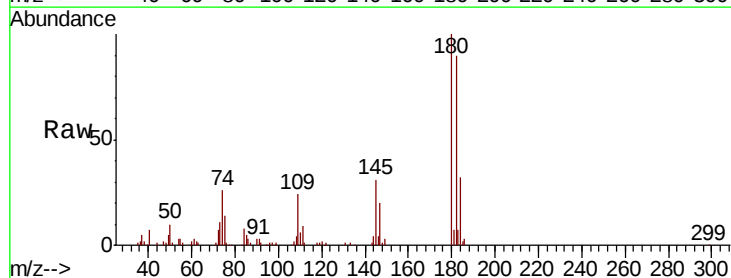
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 37.564 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.1	76.0	114.0
145	30.7	22.7	34.1

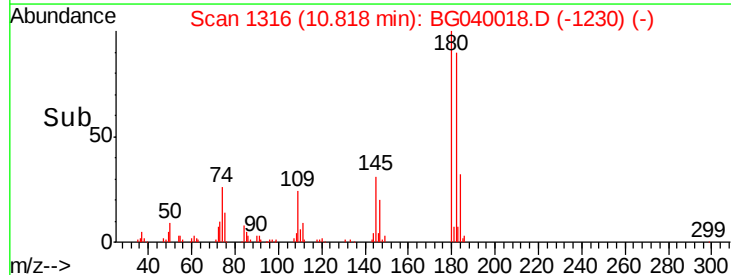
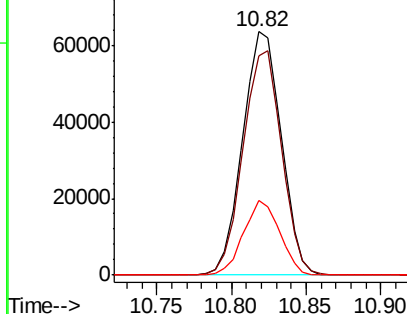


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

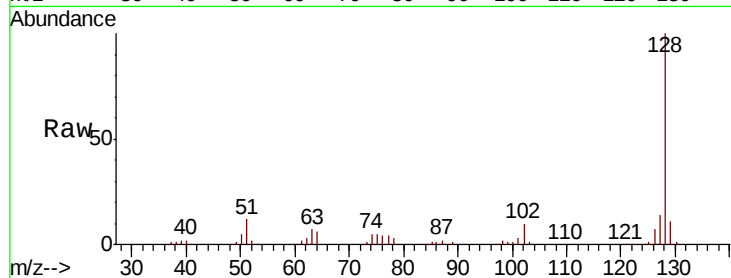




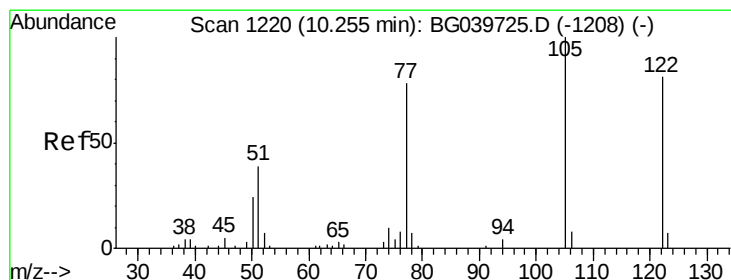
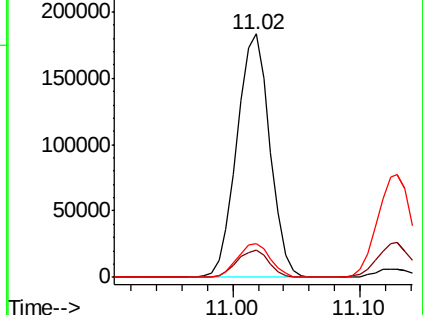
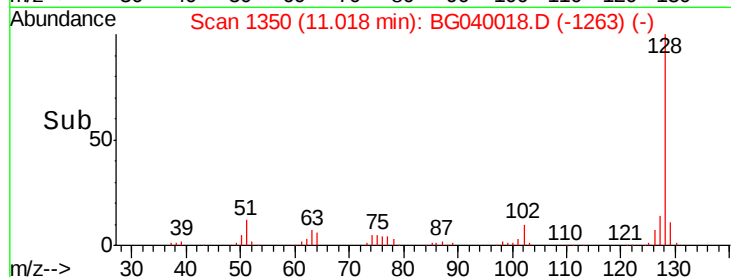
#31
Naphthalene
Concen: 37.914 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 329550
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 14.0 10.8 16.2

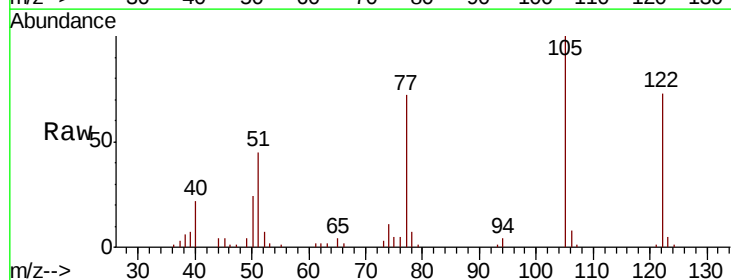


Abundance Ion 128.00 (127.70 to 128.70): E
250000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

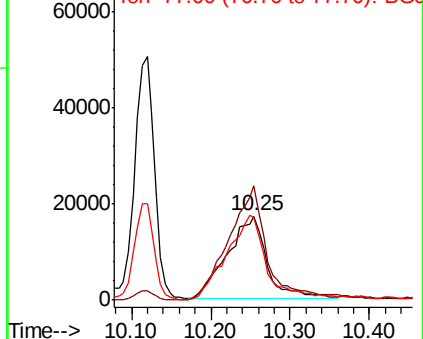
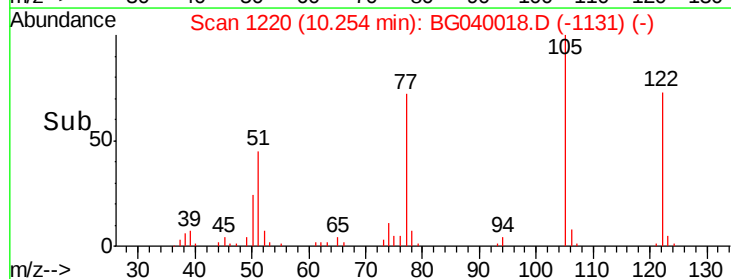


#32
Benzoic acid
Concen: 38.365 ng
RT: 10.25 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Tgt Ion:122 Resp: 60467
Ion Ratio Lower Upper
122 100
105 137.0 101.8 141.8
77 98.5 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
60000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

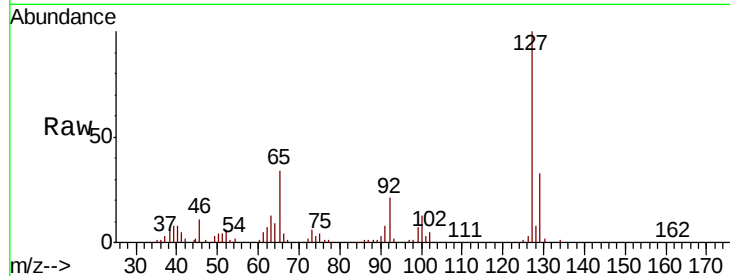




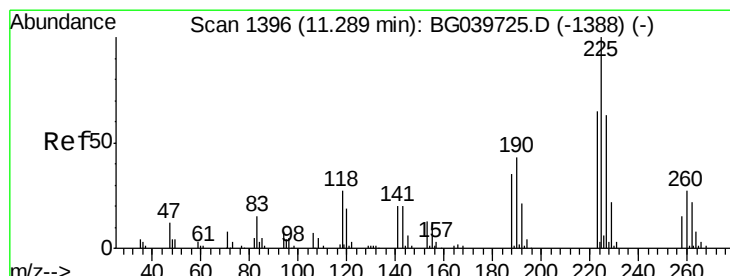
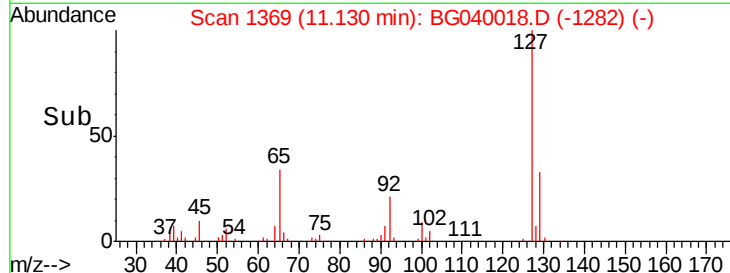
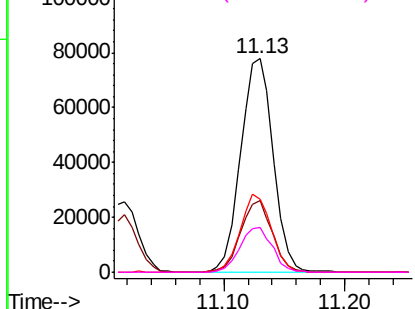
#33
4-Chloroaniline
Concen: 39.660 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	146180
Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.0	40.4
65	34.2	28.8	43.2
92	21.1	16.6	25.0

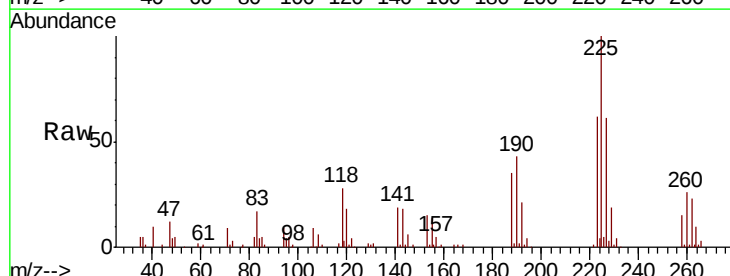


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

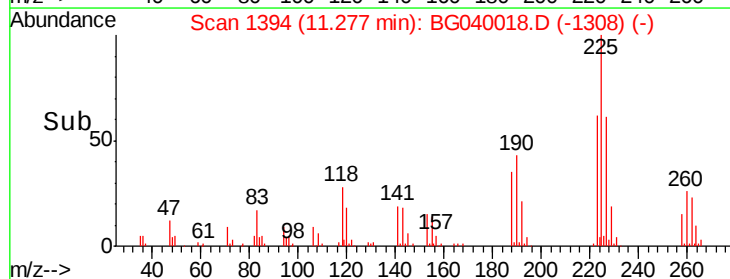
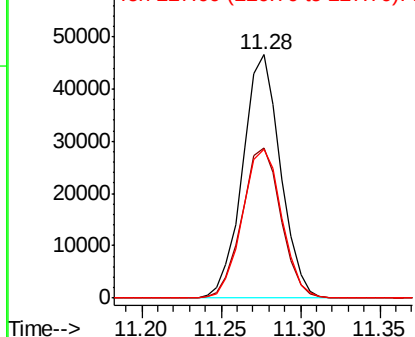


#34
Hexachlorobutadiene
Concen: 37.259 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Tgt Ion:	225	Resp:	77133
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.0	73.6
227	61.2	46.3	69.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

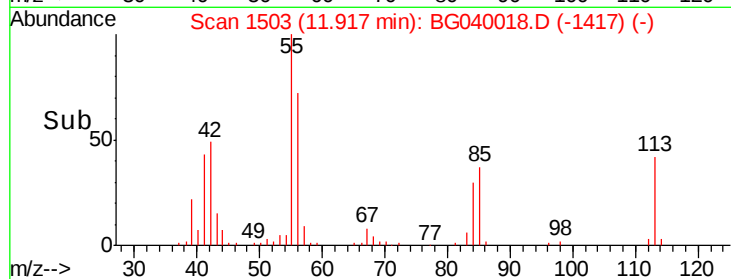
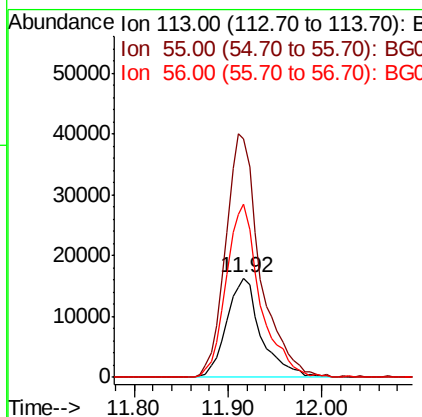
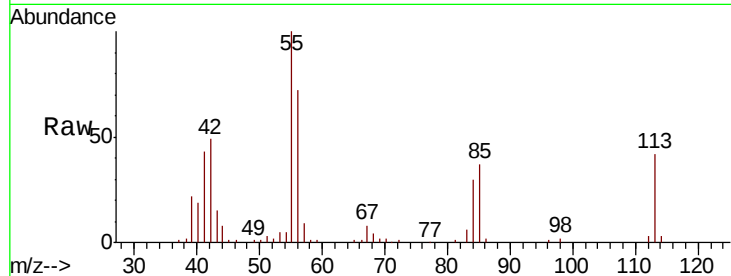




#35
 Caprolactam
 Concen: 40.226 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

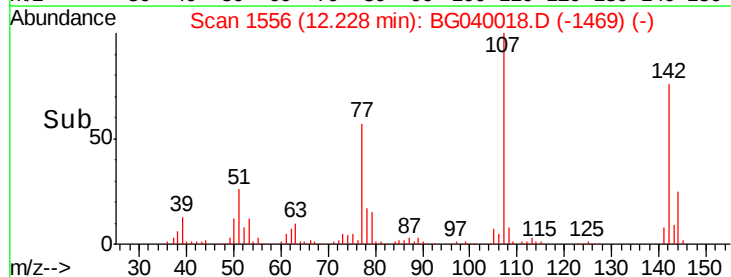
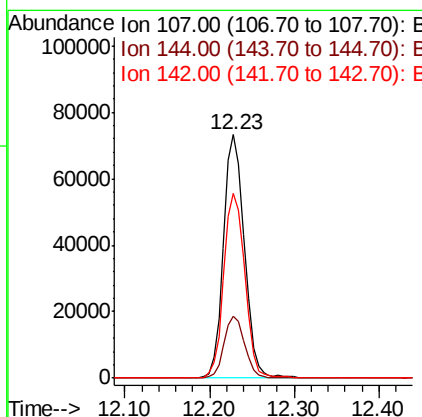
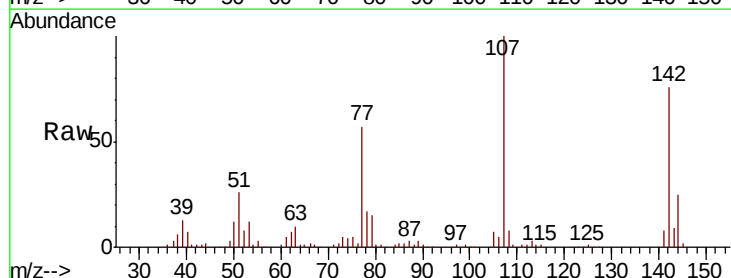
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:113 Resp: 41370
 Ion Ratio Lower Upper
 113 100
 55 240.0 216.9 256.9
 56 173.8 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.552 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

Tgt Ion:107 Resp: 125150
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.2 30.2
 142 76.0 61.4 92.2

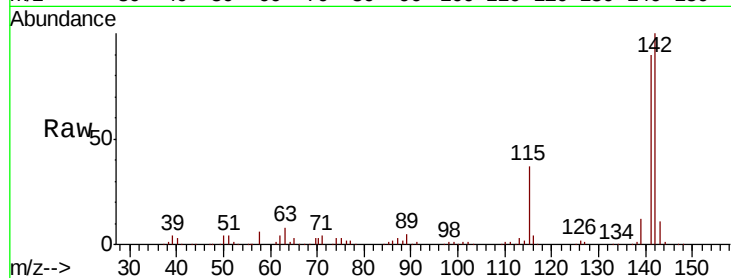




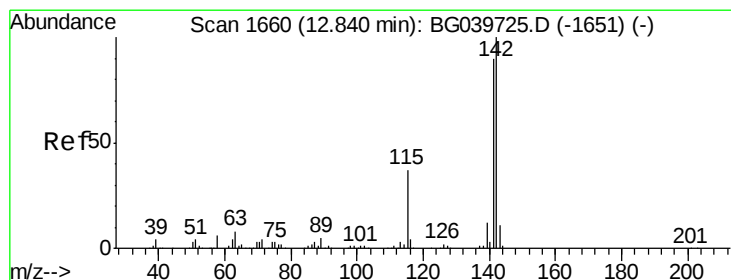
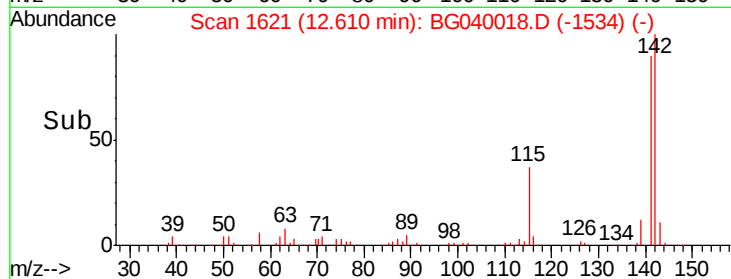
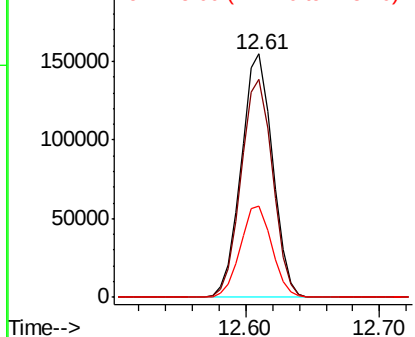
#37
2-Methylnaphthalene
Concen: 38.559 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:142 Resp: 250573
Ion Ratio Lower Upper
142 100
141 89.7 73.5 110.3
115 37.3 30.8 46.2

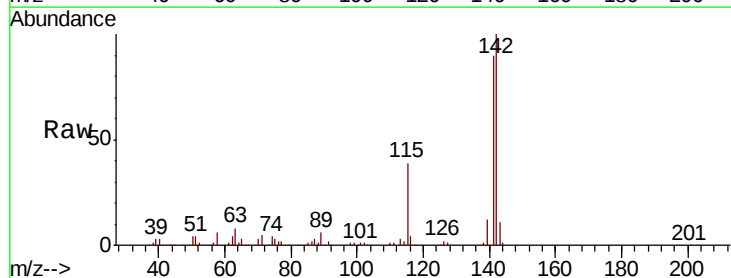


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

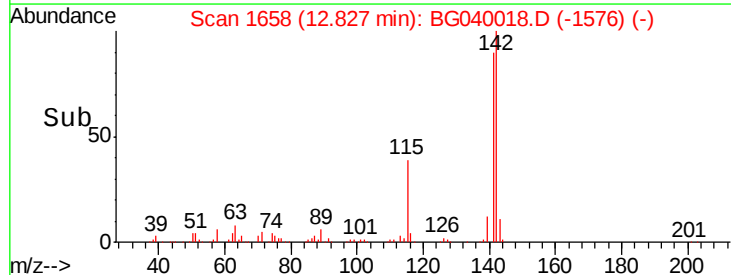
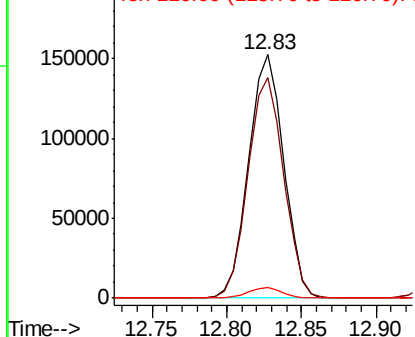


#38
1-Methylnaphthalene
Concen: 39.168 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Tgt Ion:142 Resp: 247359
Ion Ratio Lower Upper
142 100
141 90.4 74.2 111.4
116 4.3 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

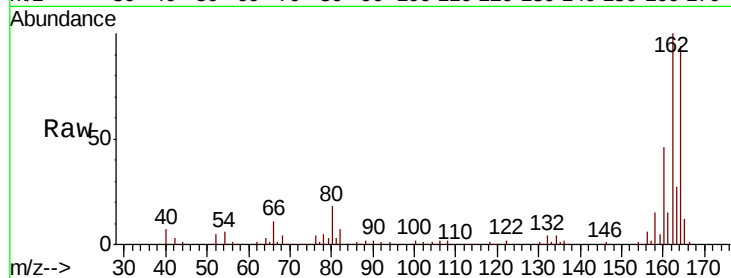
Tot Ion:164 Resp: 113819

Ion Ratio Lower Upper

164 100

162 106.4 81.6 122.4

160 49.2 34.2 51.2

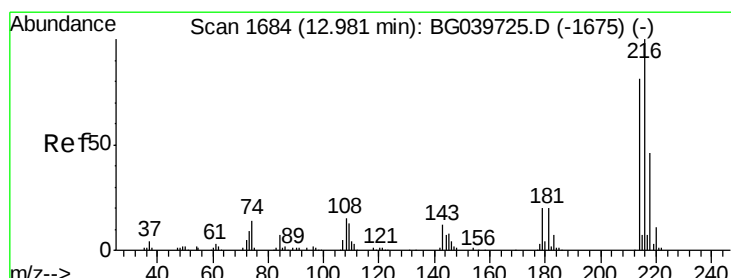
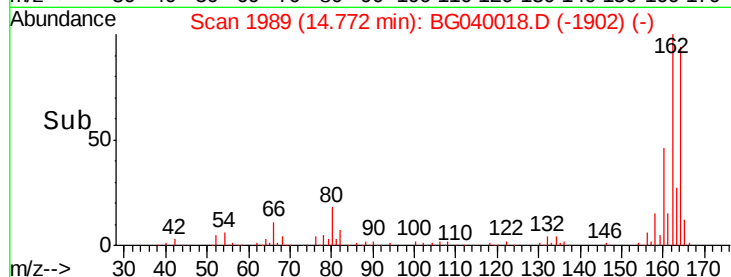
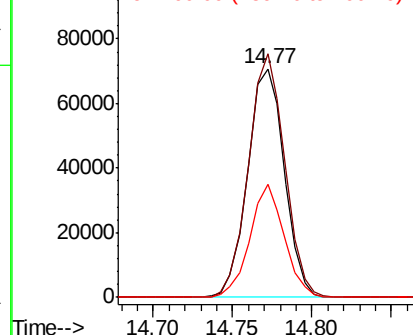


Abundance

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: 37.355 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Tgt Ion:216 Resp: 144038

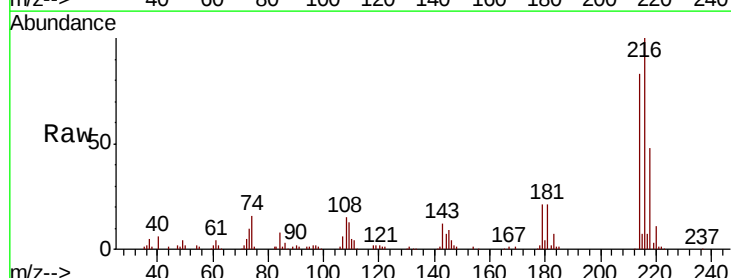
Ion Ratio Lower Upper

216 100

214 80.1 62.6 94.0

179 20.3 16.6 25.0

108 17.1 14.0 21.0



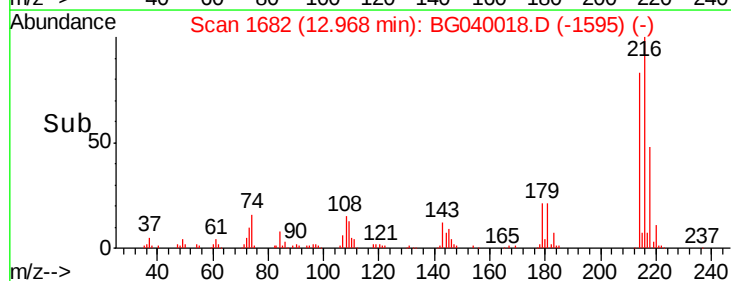
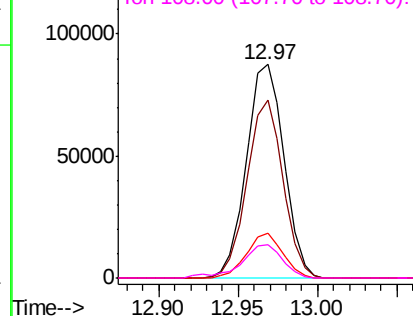
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.818 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

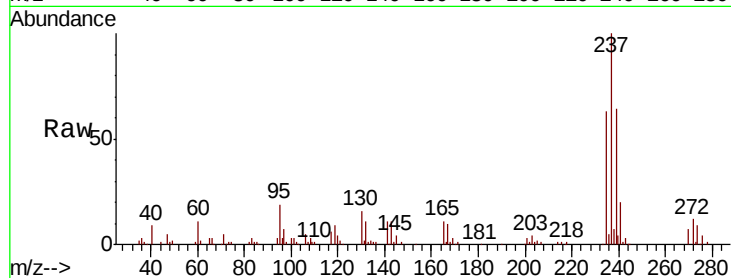
Tot Ion:237 Resp: 78146

Ion Ratio Lower Upper

237 100

235 63.1 43.3 83.3

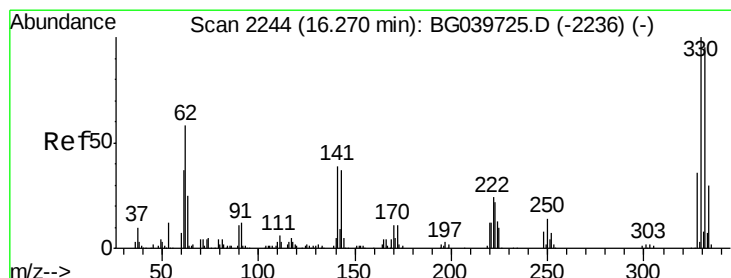
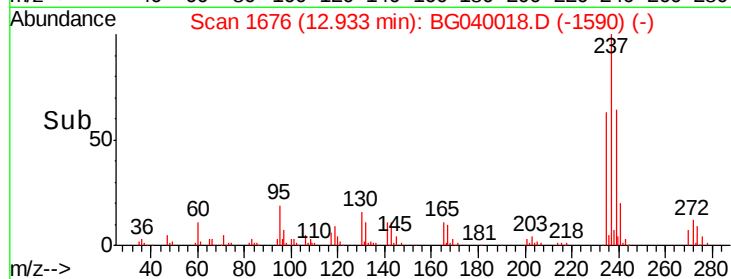
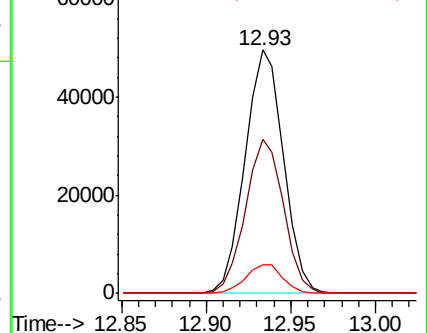
272 11.6 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.088 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

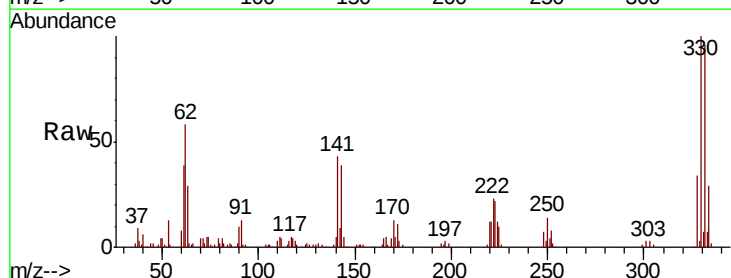
Tgt Ion:330 Resp: 106248

Ion Ratio Lower Upper

330 100

332 97.7 75.7 113.5

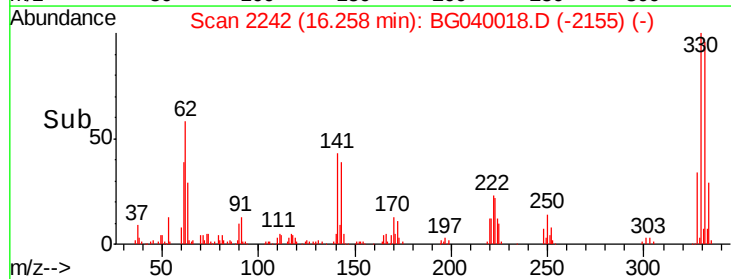
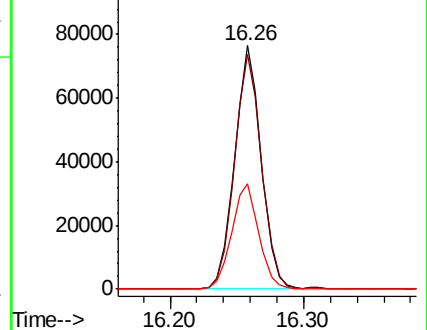
141 44.3 35.6 53.4

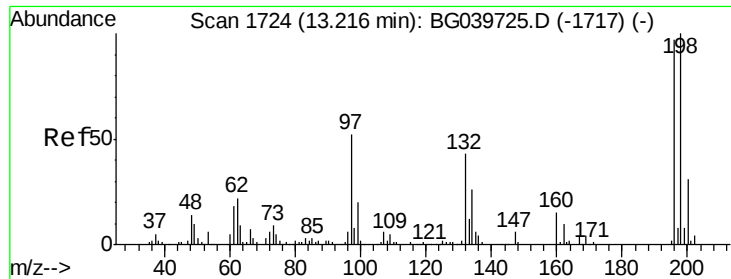


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

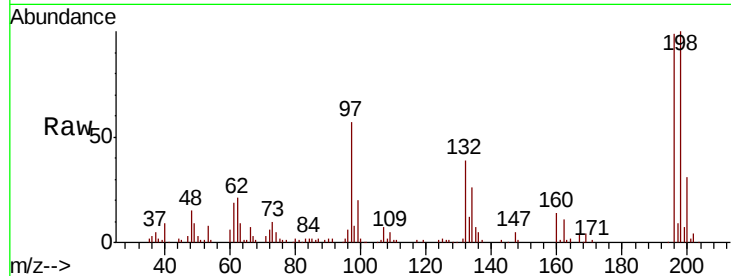




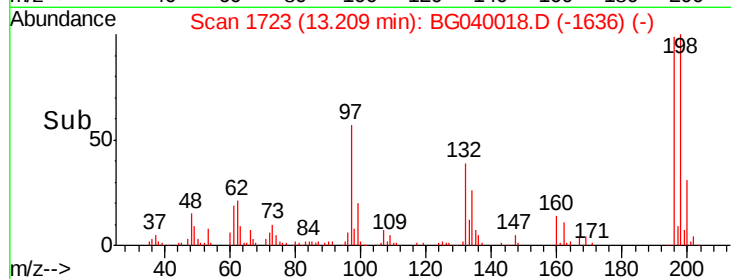
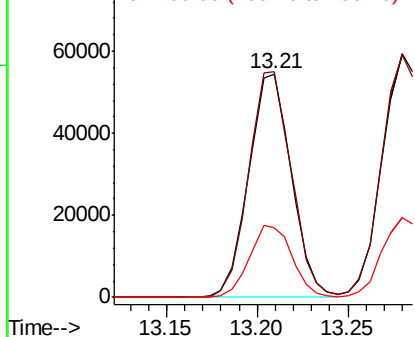
#43
 2,4,6-Trichlorophenol
 Concen: 39.617 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 89433
 Ion Ratio Lower Upper
 196 100
 198 101.0 80.6 121.0
 200 31.3 26.1 39.1

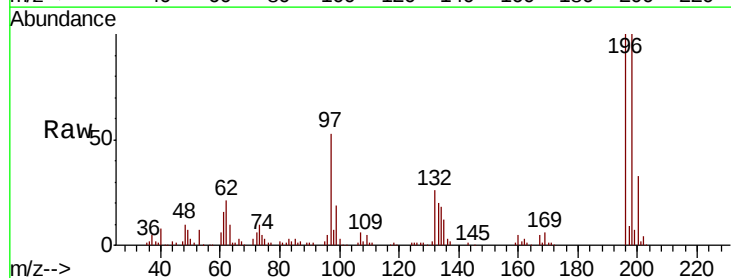


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

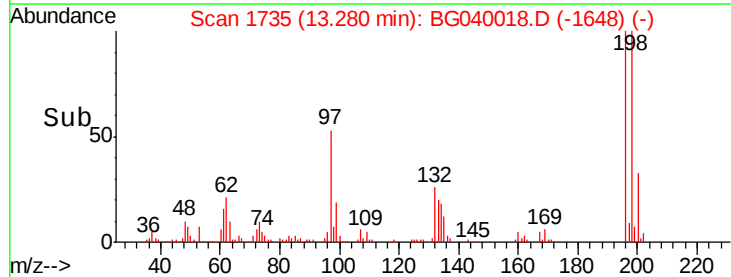
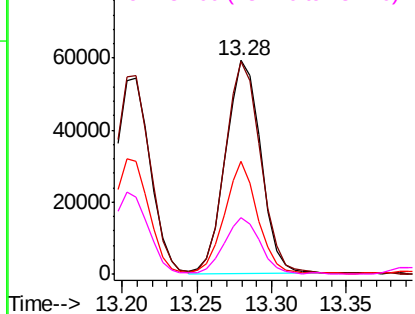


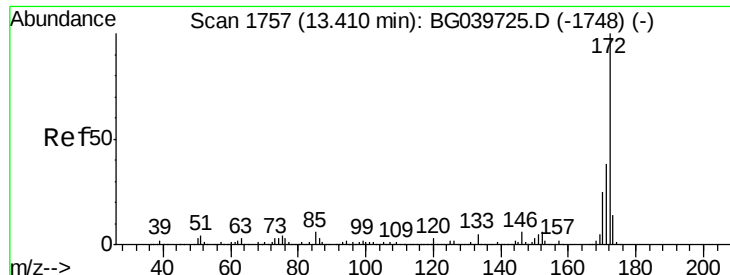
#44
 2,4,5-Trichlorophenol
 Concen: 38.428 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

Tgt Ion:196 Resp: 97782
 Ion Ratio Lower Upper
 196 100
 198 99.5 78.5 117.7
 97 52.6 38.4 57.6
 132 26.4 19.2 28.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

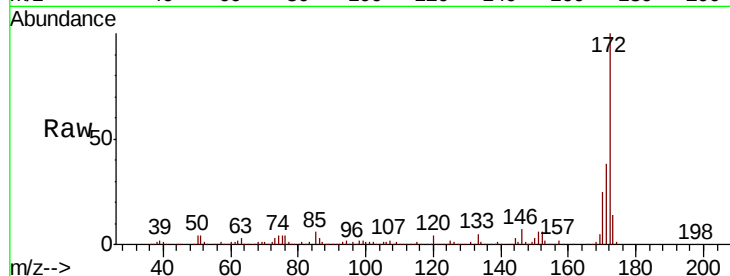




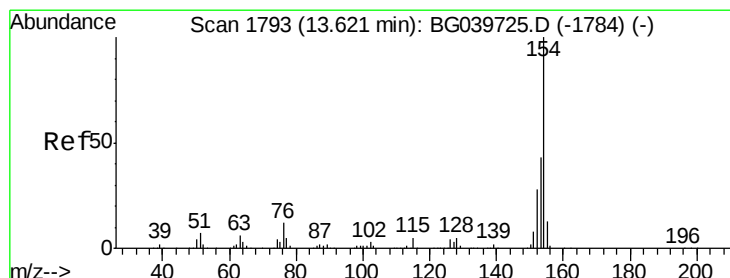
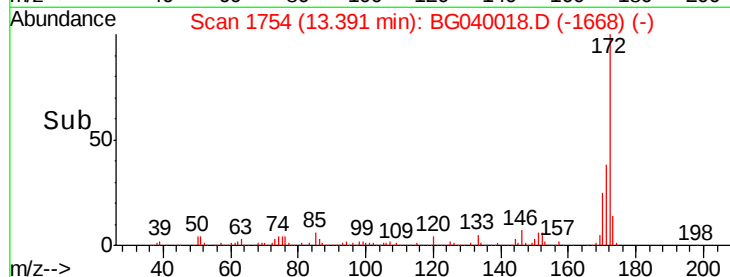
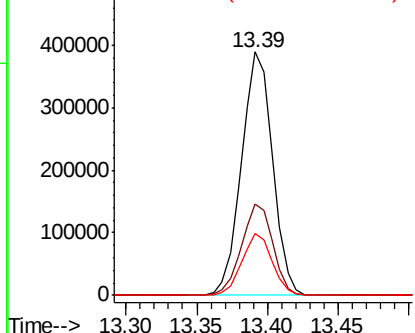
#45
2-Fluorobiphenyl
Concen: 74.935 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:172 Resp: 599020
Ion Ratio Lower Upper
172 100
171 37.6 30.8 46.2
170 25.3 20.2 30.4

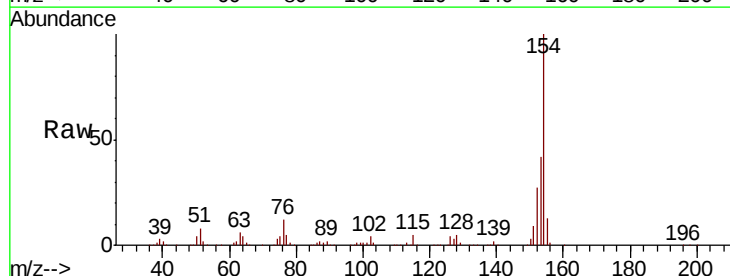


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

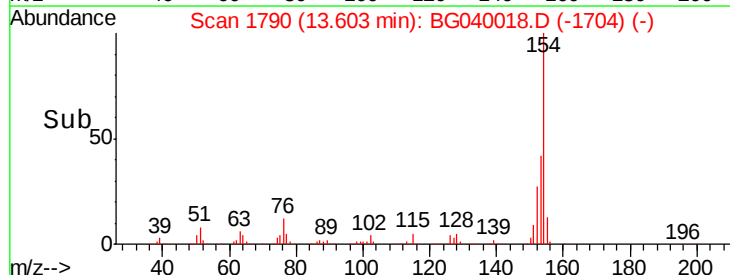
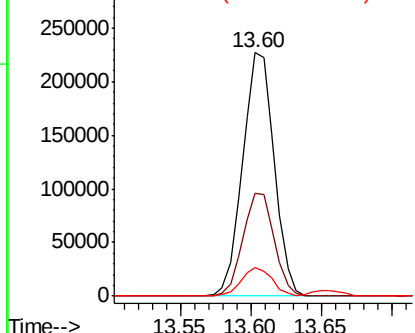


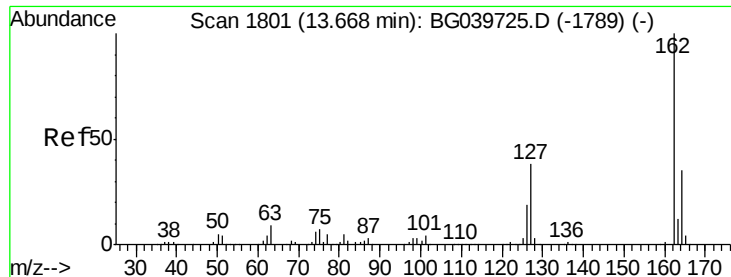
#46
1,1'-Biphenyl
Concen: 37.878 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Tgt Ion:154 Resp: 354596
Ion Ratio Lower Upper
154 100
153 42.2 22.1 62.1
76 11.6 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

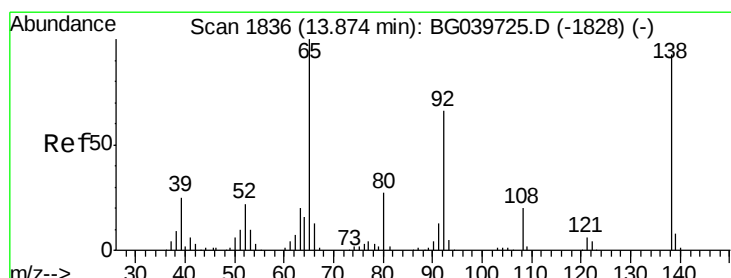
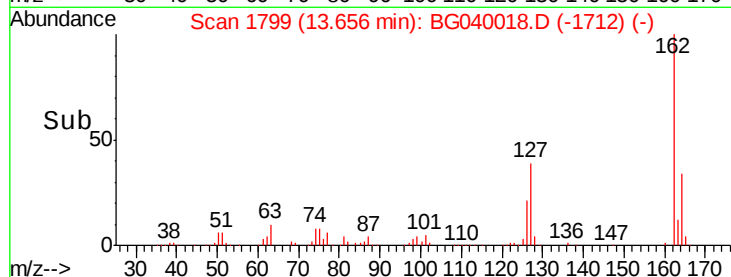
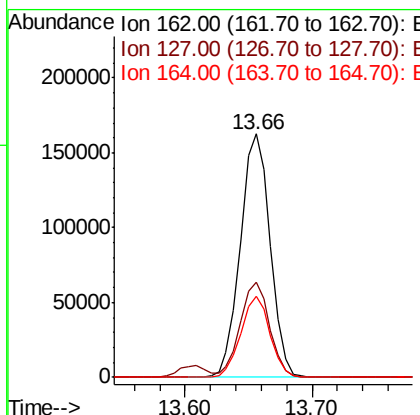
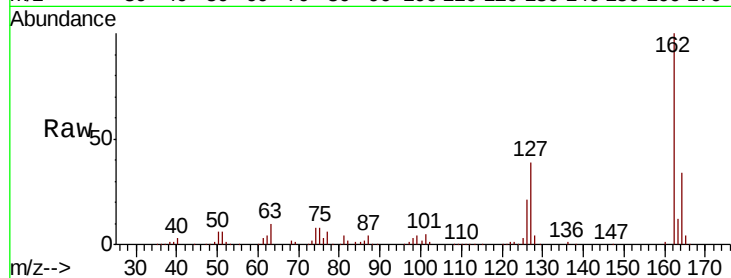




#47
 2-Chloronaphthalene
 Concen: 37.522 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

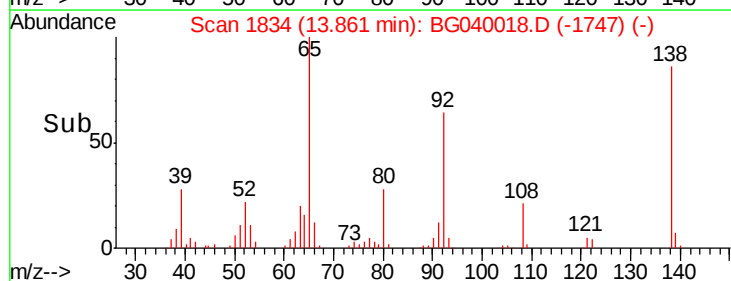
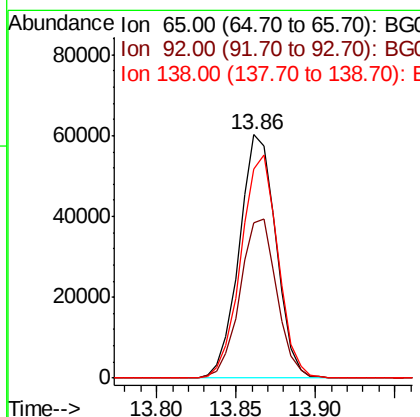
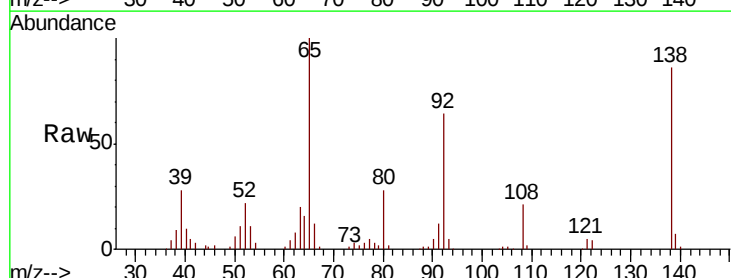
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:162 Resp: 264248
 Ion Ratio Lower Upper
 162 100
 127 39.0 31.0 46.6
 164 33.5 25.7 38.5



#48
 2-Nitroaniline
 Concen: 42.873 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

Tgt Ion: 65 Resp: 97032
 Ion Ratio Lower Upper
 65 100
 92 64.0 51.4 77.2
 138 86.0 71.4 107.2





#49

Acenaphthylene

Concen: 39.208 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

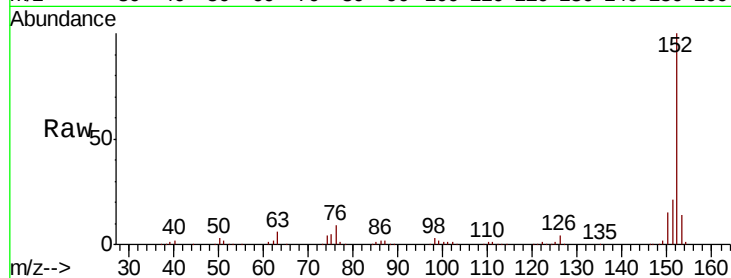
Tot Ion:152 Resp: 453290

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

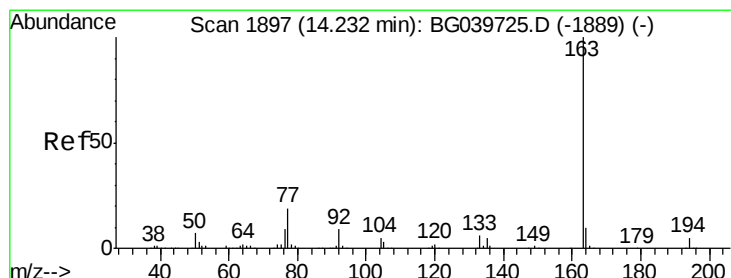
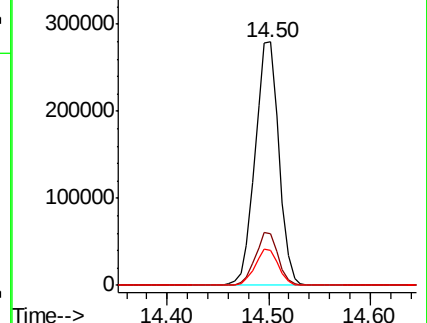
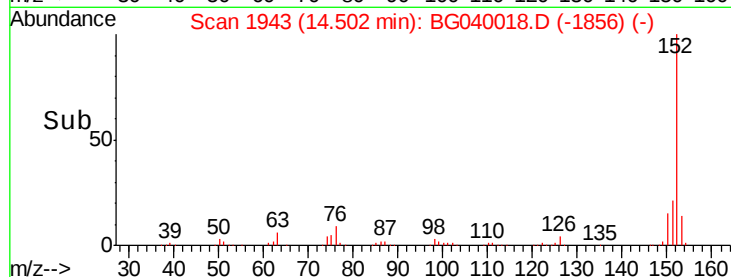
153 14.5 11.7 17.5



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: 38.451 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

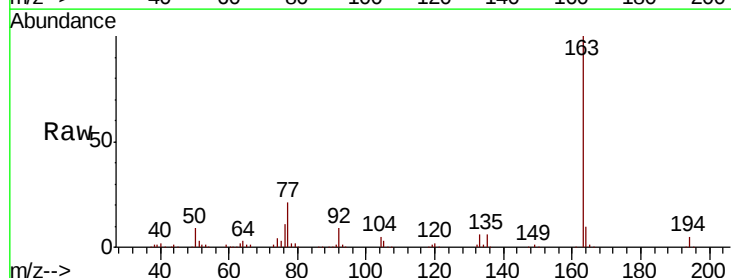
Tgt Ion:163 Resp: 365959

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

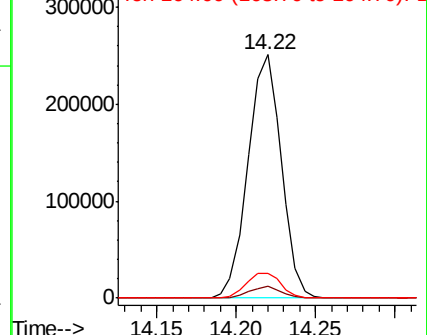
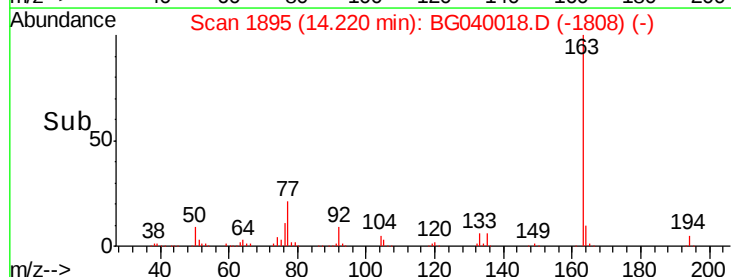
164 10.3 8.4 12.6

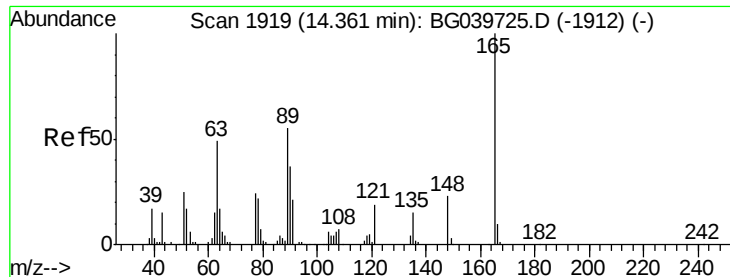


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

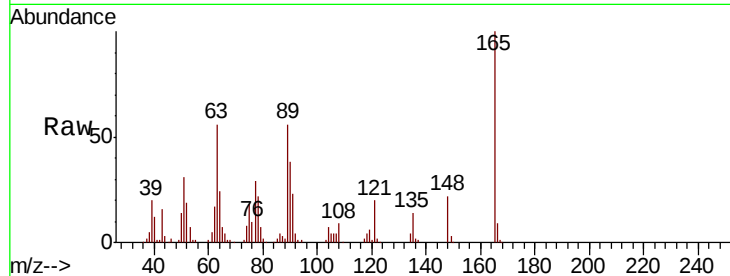




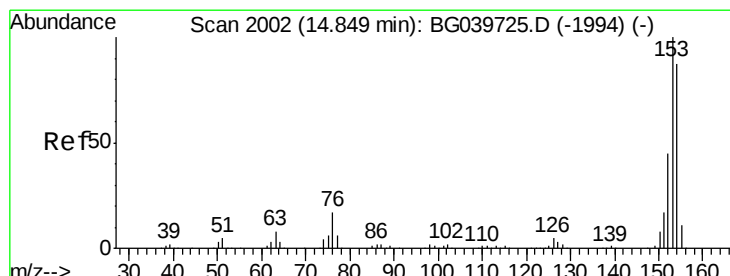
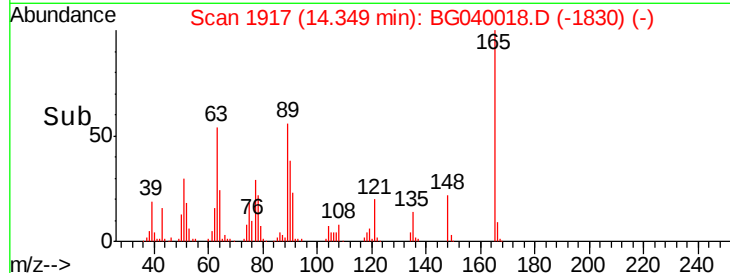
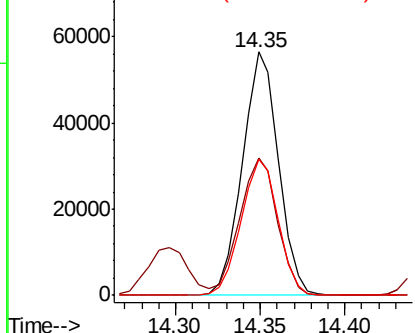
#51
2,6-Dinitrotoluene
Concen: 41.570 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:165 Resp: 83874
Ion Ratio Lower Upper
165 100
63 56.2 47.0 70.6
89 55.9 45.8 68.8

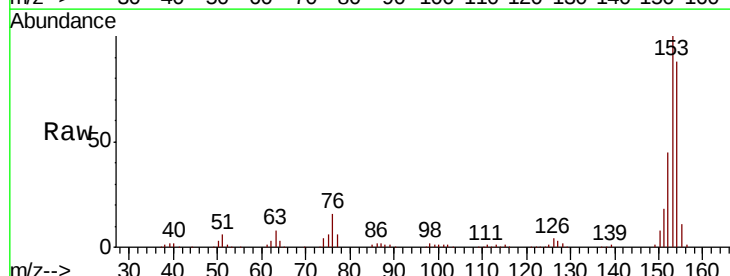


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

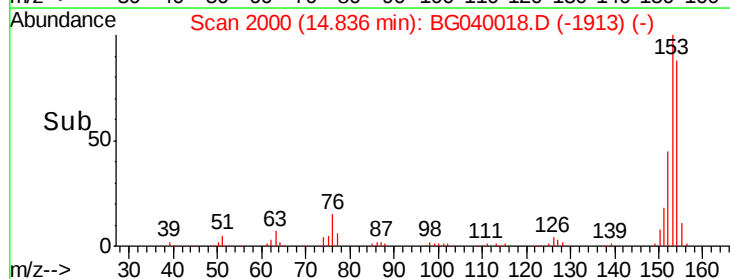
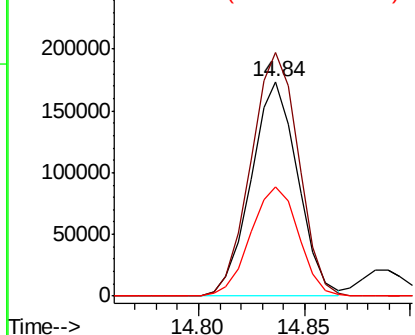


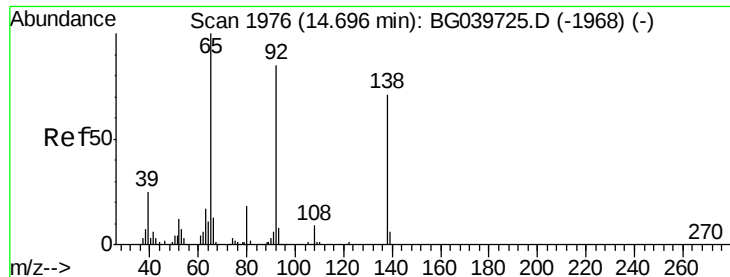
#52
Acenaphthene
Concen: 38.325 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Tgt Ion:154 Resp: 266680
Ion Ratio Lower Upper
154 100
153 113.7 90.1 135.1
152 51.1 40.9 61.3



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: 39.806 ng

RT: 14.68 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

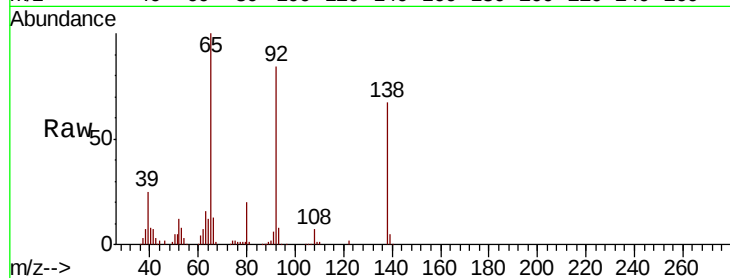
Tot Ion:138 Resp: 80733

Ion Ratio Lower Upper

138 100

108 11.1 13.8 20.8#

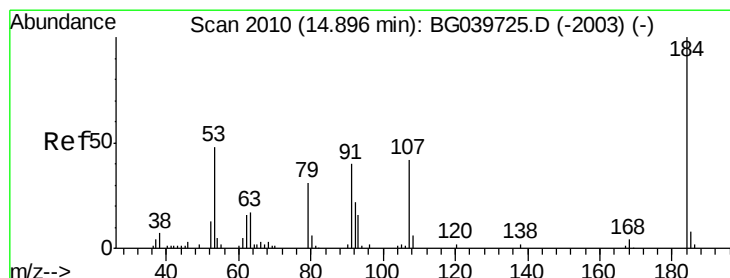
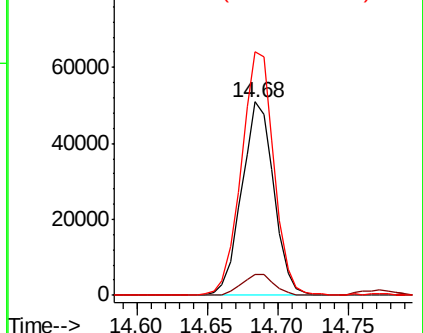
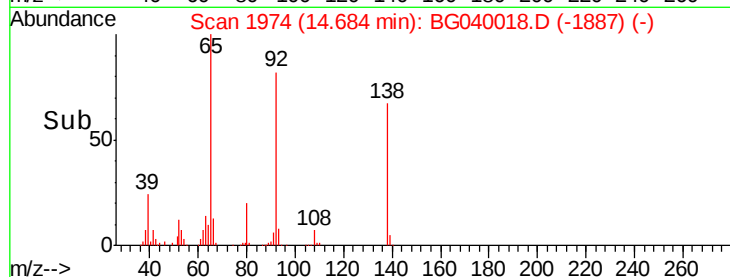
92 125.8 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 41.577 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

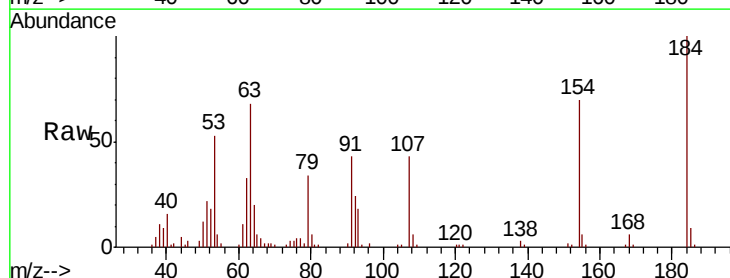
Tgt Ion:184 Resp: 49464

Ion Ratio Lower Upper

184 100

63 68.3 50.9 76.3

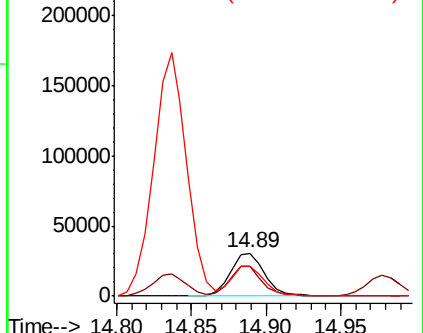
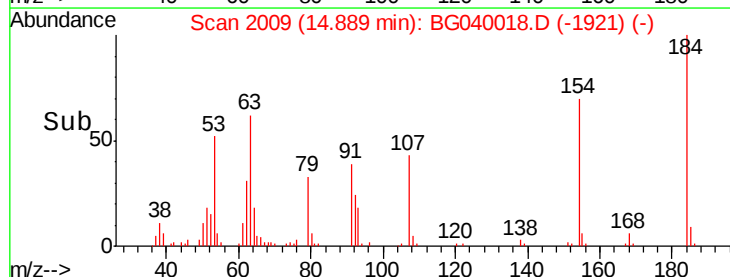
154 70.3 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 38.339 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

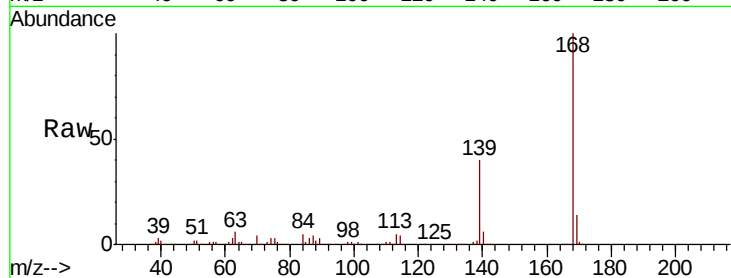
Tot Ion:168 Resp: 437700

Ion Ratio Lower Upper

168 100

139 39.5 30.1 45.1

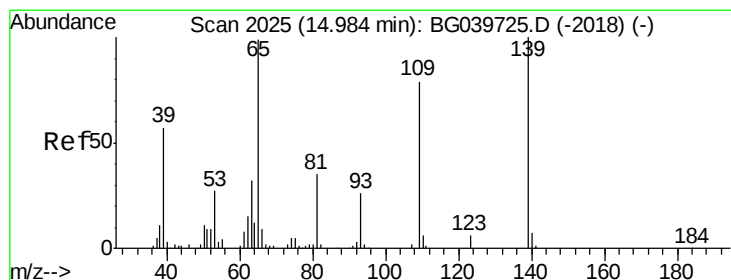
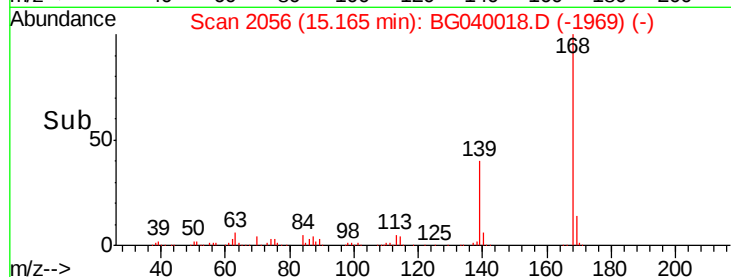
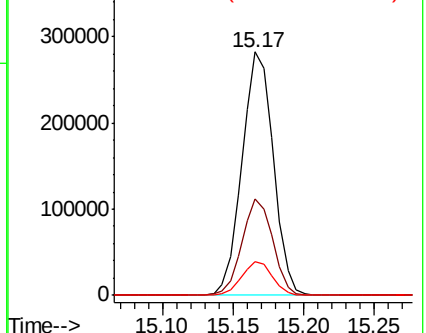
169 14.1 10.6 16.0



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: 38.280 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

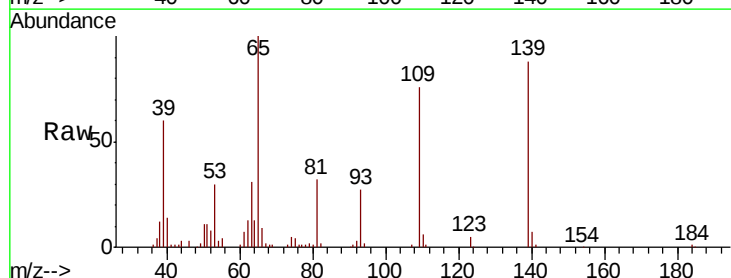
Tgt Ion:139 Resp: 69453

Ion Ratio Lower Upper

139 100

109 86.8 61.9 101.9

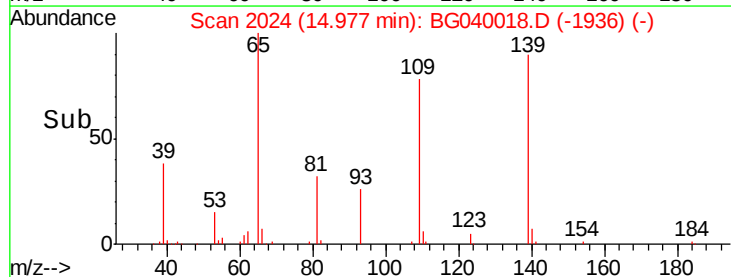
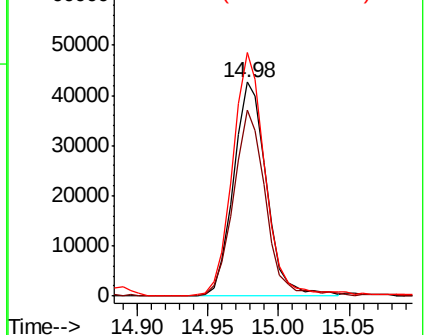
65 113.9 99.1 139.1

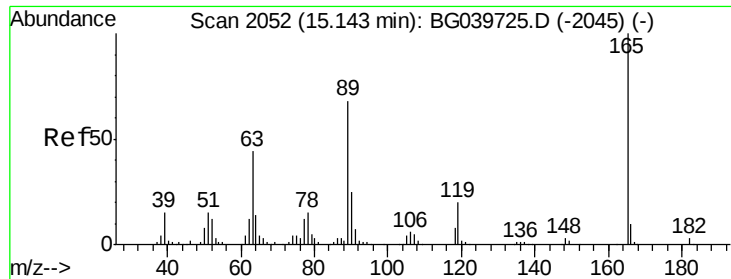


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

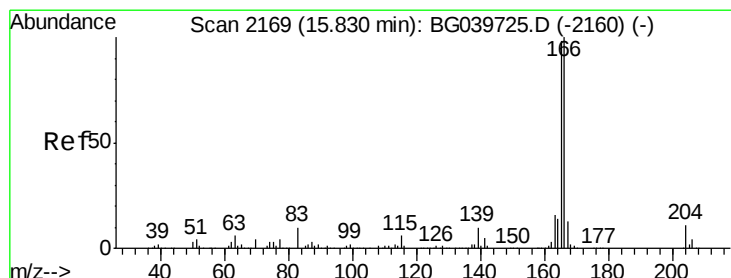
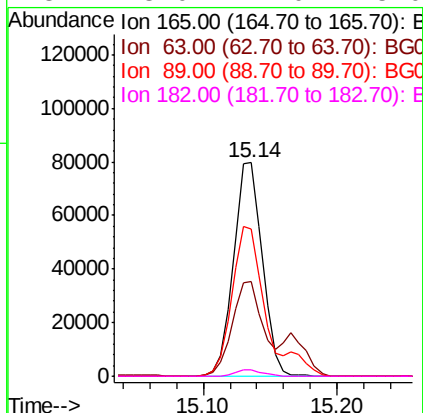
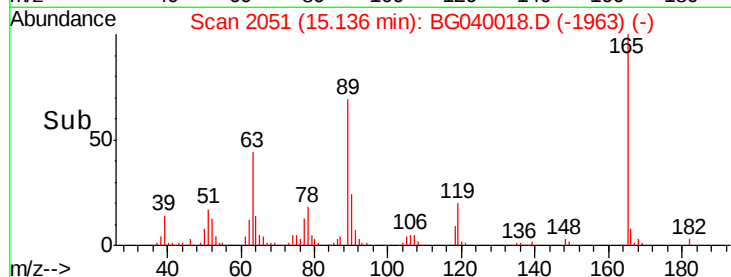
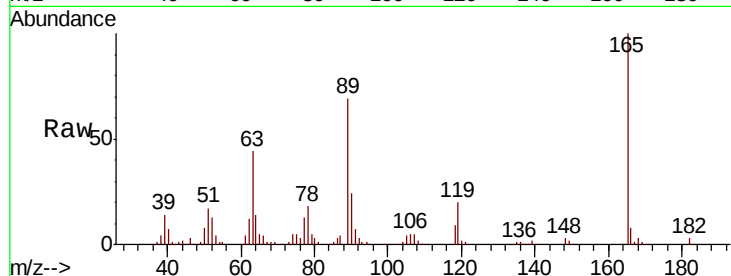




#57
2,4-Dinitrotoluene
Concen: 42.263 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

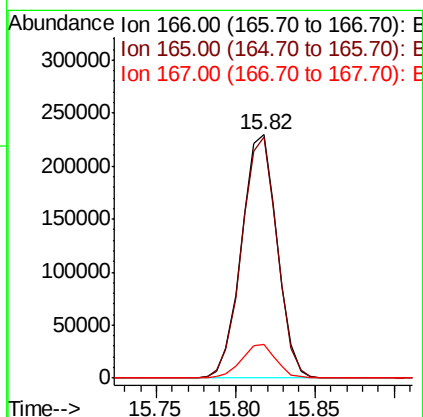
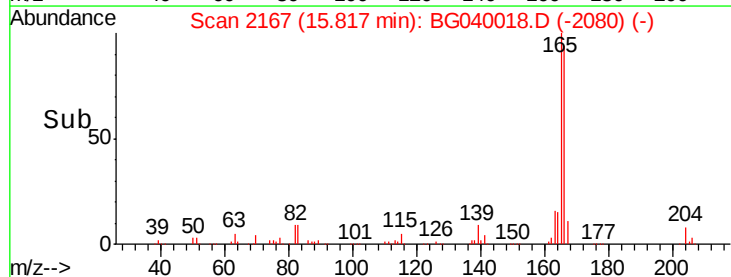
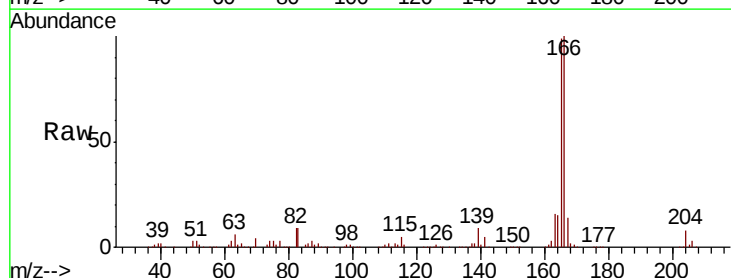
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.3	41.0	61.6
89	69.0	64.6	96.8
182	3.0	2.0	3.0



#58
Fluorene
Concen: 39.731 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.9	116.9
167	13.8	10.8	16.2

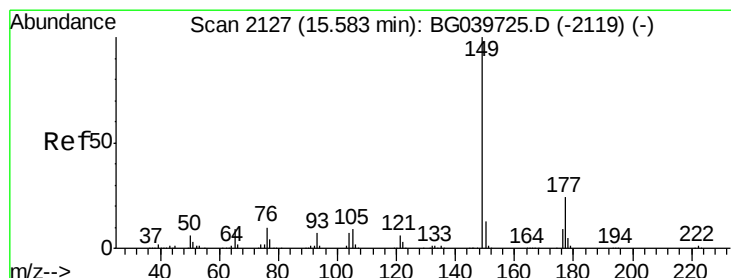
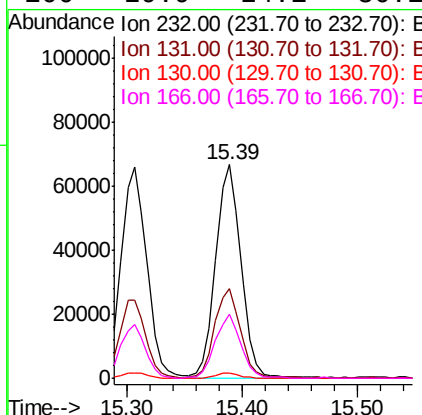
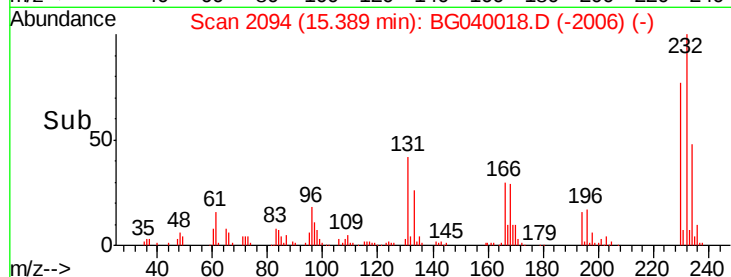
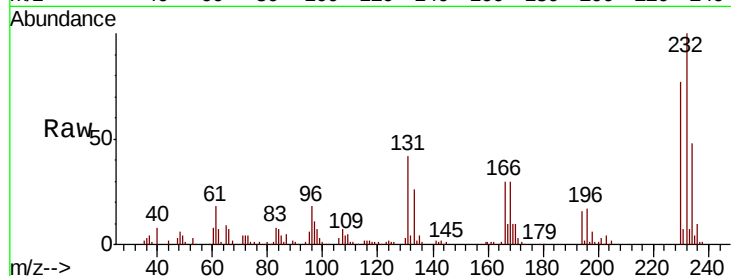




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.235 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

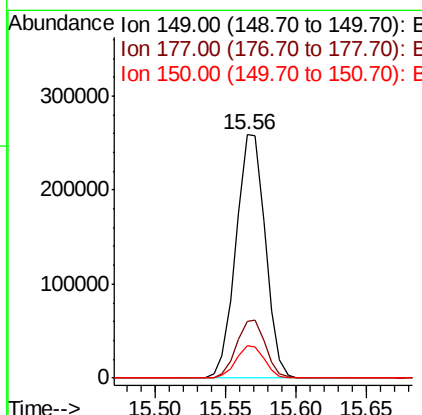
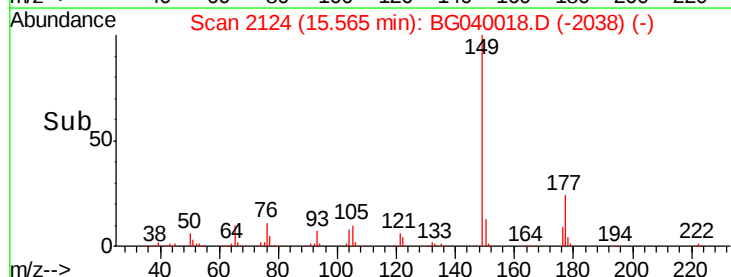
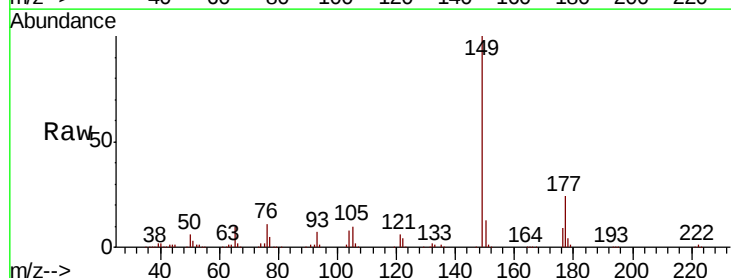
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	232	Resp:	102472
Ion	Ratio	Lower	Upper
232	100		
131	42.3	34.9	52.3
130	2.4	2.0	3.0
166	29.9	24.1	36.1



#60
 Diethylphthalate
 Concen: 39.711 ng
 RT: 15.56 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

Tgt Ion:	149	Resp:	374136
Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.3	27.5
150	13.3	10.2	15.2

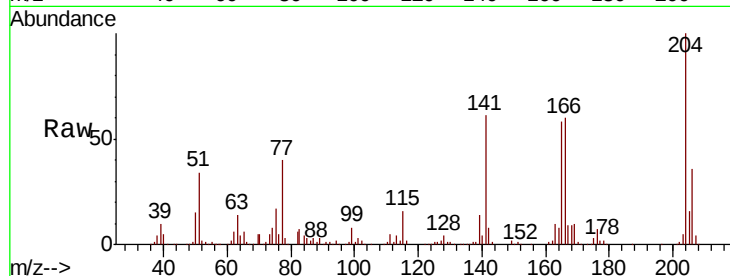




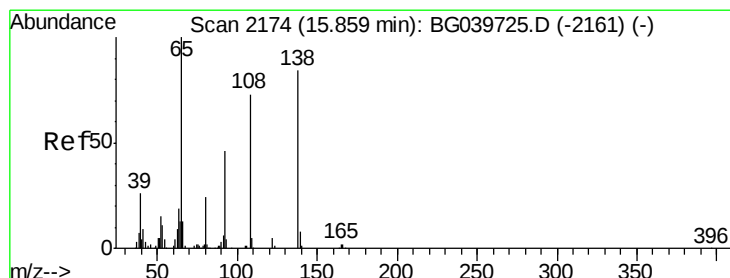
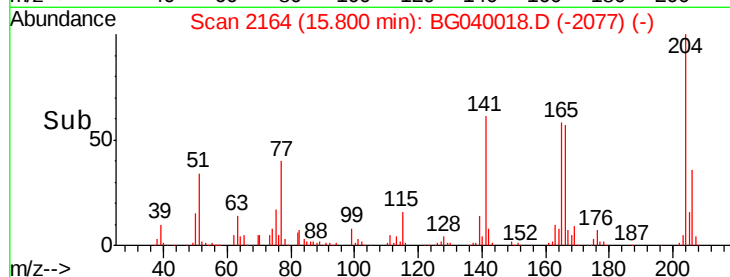
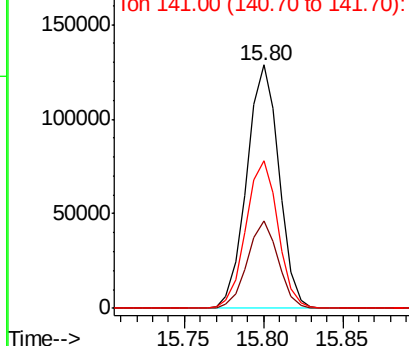
#61
4-Chlorophenyl-phenylether
Concen: 37.885 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 181441
Ion Ratio Lower Upper
204 100
206 36.1 29.2 43.8
141 60.9 49.0 73.4

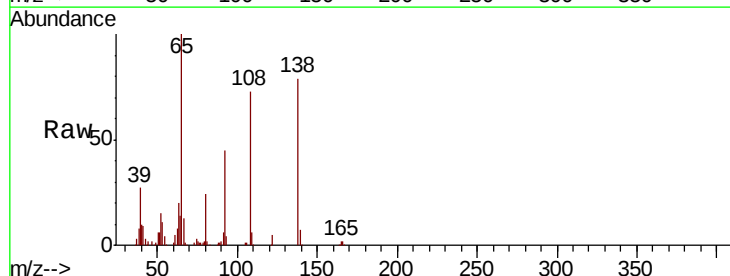


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

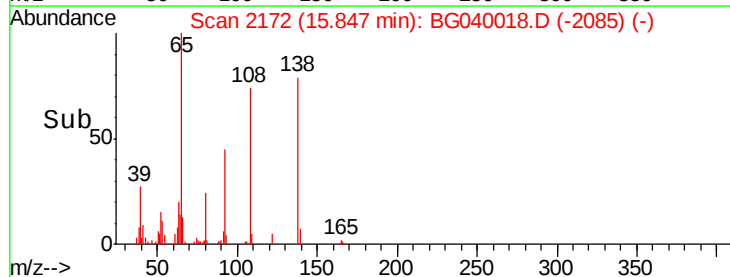
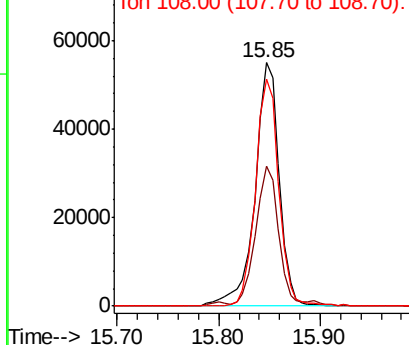


#62
4-Nitroaniline
Concen: 41.442 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Tgt Ion:138 Resp: 91121
Ion Ratio Lower Upper
138 100
92 57.2 38.7 78.7
108 93.0 74.6 114.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.498 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 345867

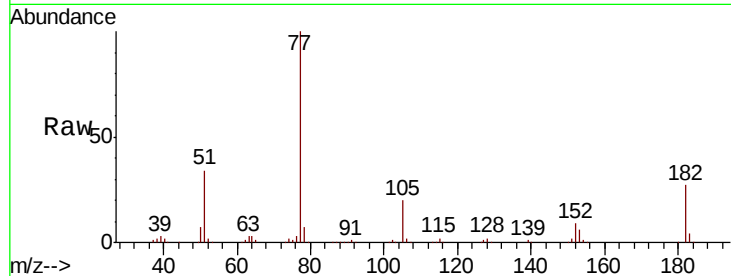
Ion Ratio Lower Upper

77 100

182 27.4 6.4 46.4

105 19.5 0.0 39.8

51 33.6 14.1 54.1

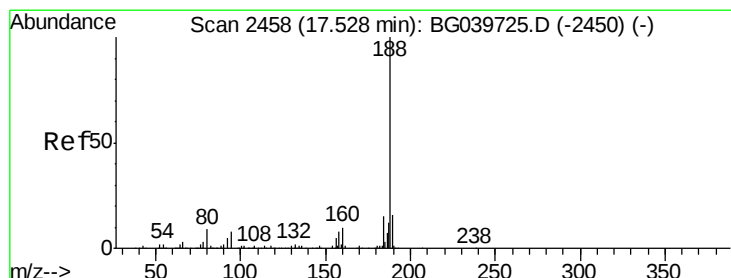
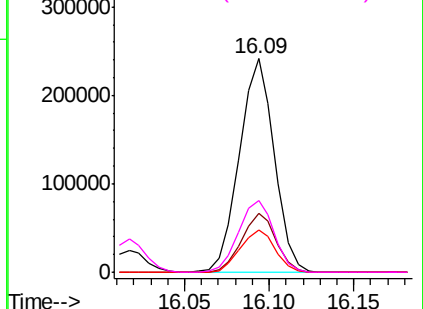
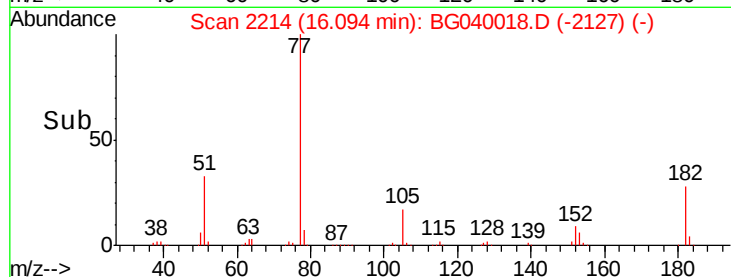


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

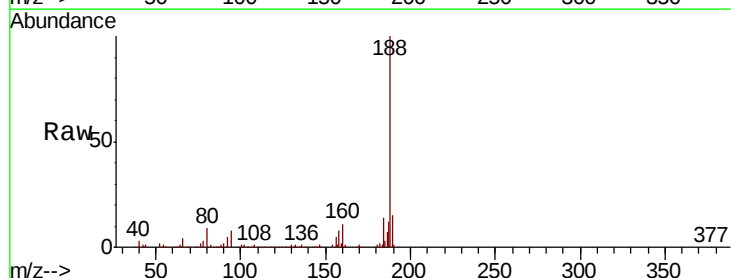
Tgt Ion: 188 Resp: 283959

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

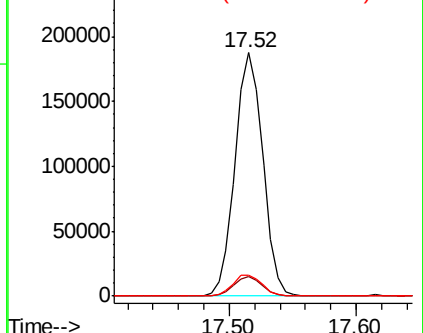
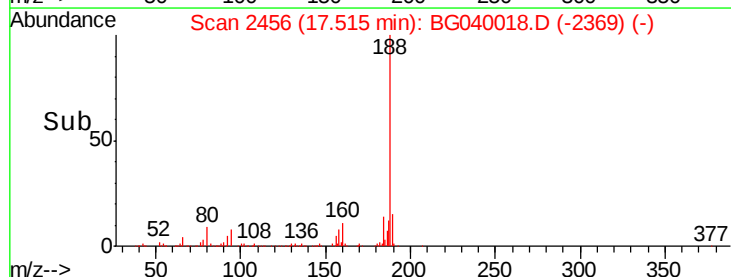
80 8.8 8.1 12.1



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: 41.768 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

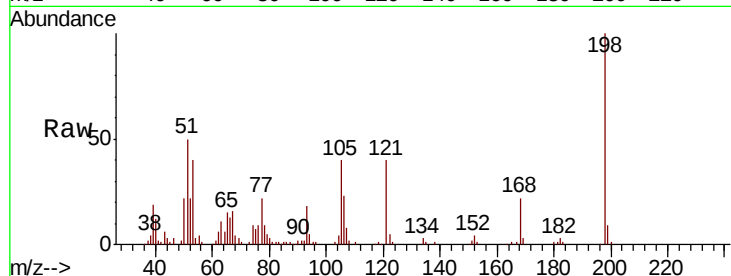
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:198 Resp: 70127

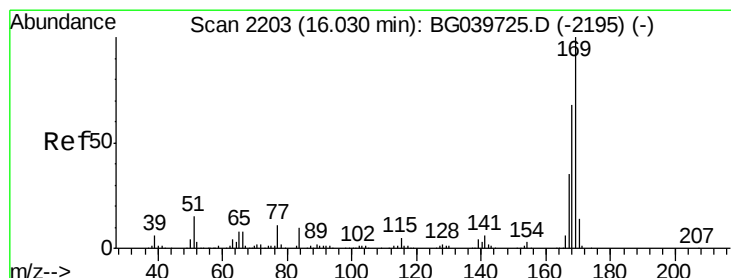
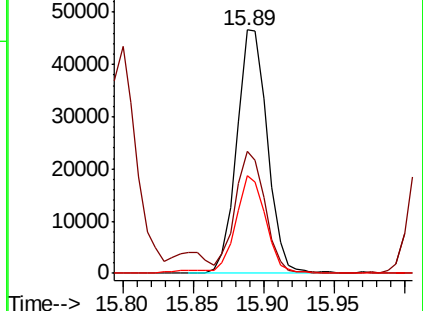
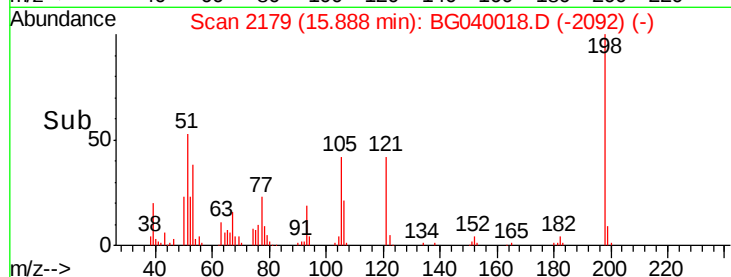
Ion	Ratio	Lower	Upper
198	100		
51	50.2	27.4	67.4
105	40.1	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.426 ng

RT: 16.02 min Scan# 2201

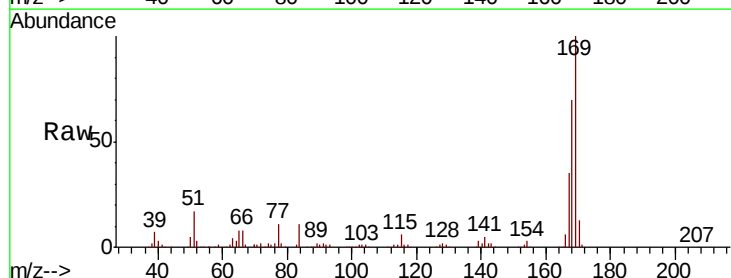
Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Tgt Ion:169 Resp: 315890

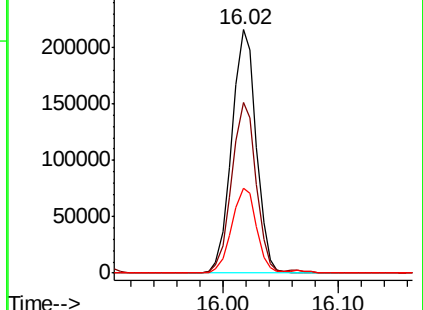
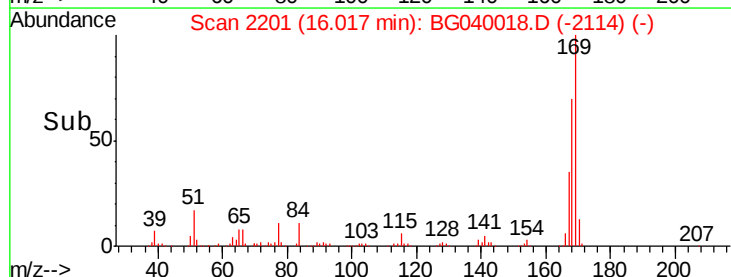
Ion	Ratio	Lower	Upper
169	100		
168	70.3	56.6	85.0
167	34.9	28.8	43.2

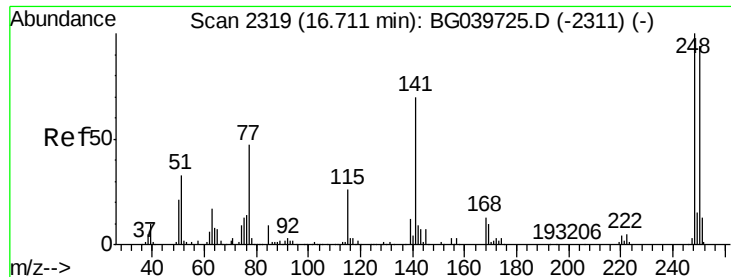


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

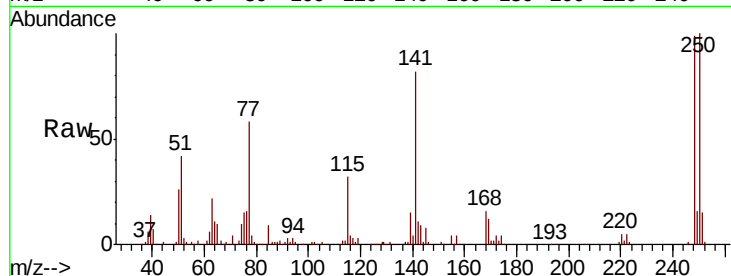




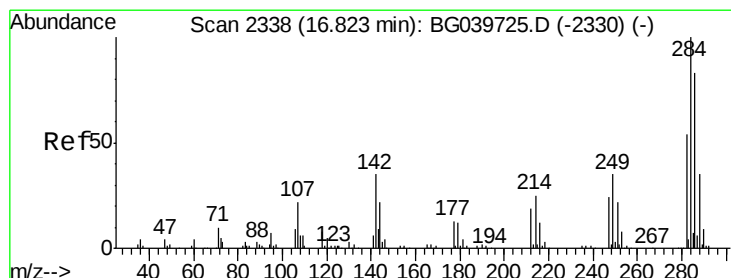
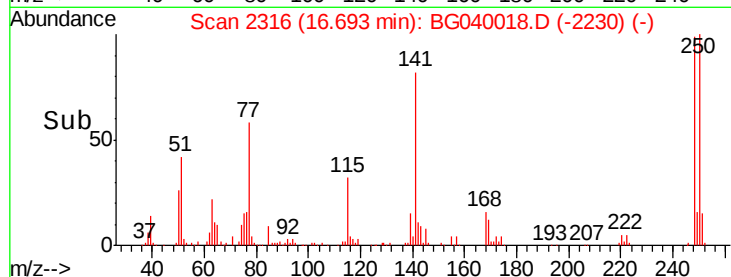
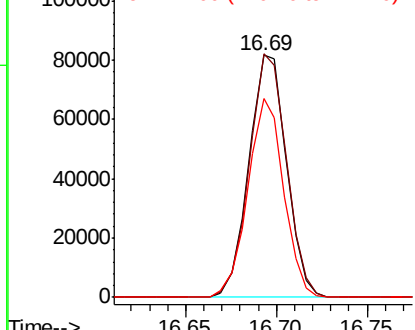
#67
4-Bromophenyl-phenylether
Concen: 36.964 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:248 Resp: 117488
Ion Ratio Lower Upper
248 100
250 100.7 77.6 116.4
141 82.3 63.9 95.9

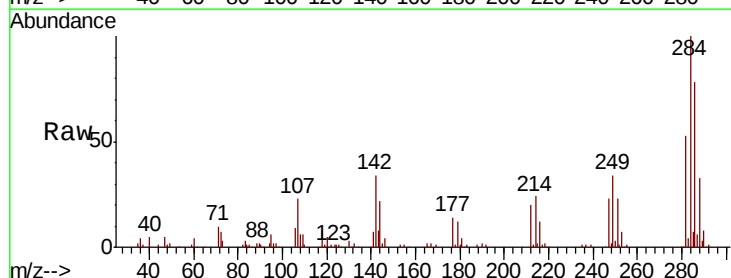


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

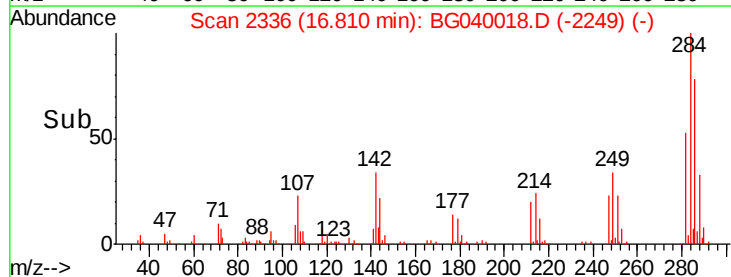
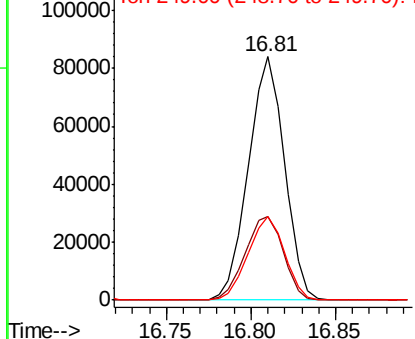


#68
Hexachlorobenzene
Concen: 38.041 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Tgt Ion:284 Resp: 125334
Ion Ratio Lower Upper
284 100
142 34.5 30.6 45.8
249 34.1 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

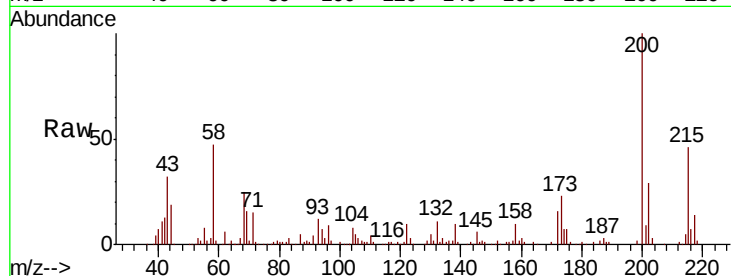




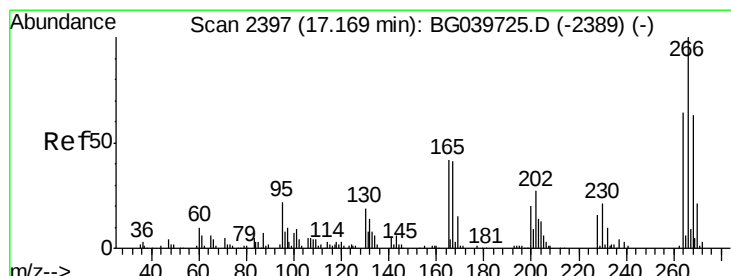
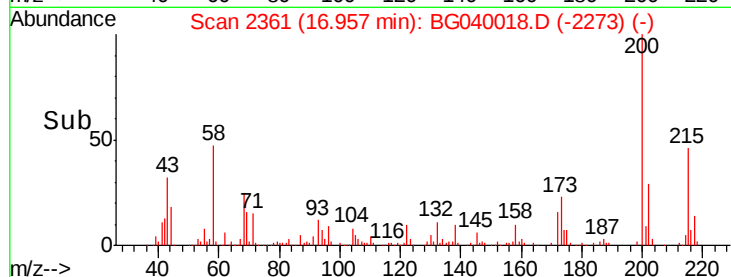
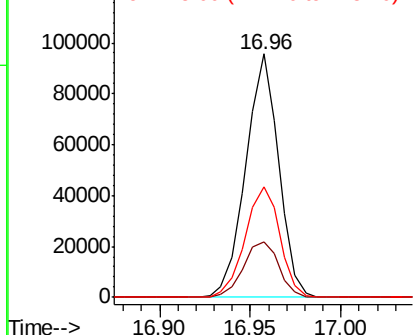
#69
 Atrazine
 Concen: 37.413 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:200 Resp: 121043
 Ion Ratio Lower Upper
 200 100
 173 22.7 3.9 43.9
 215 45.5 30.9 70.9

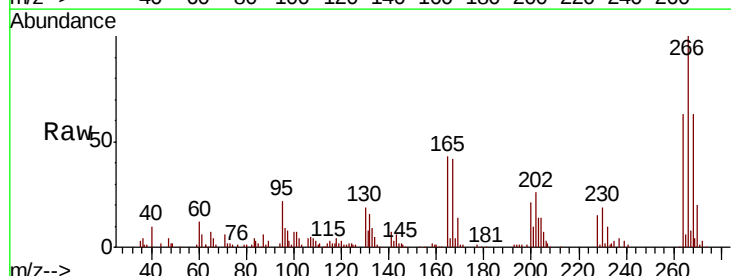


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

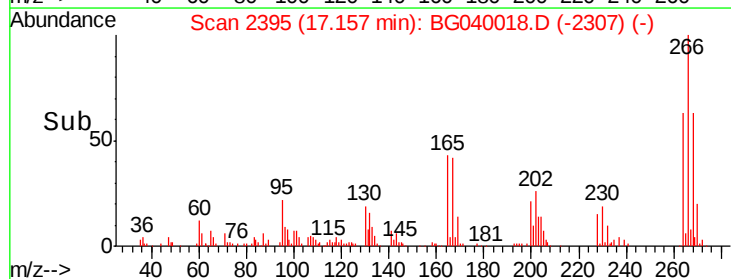
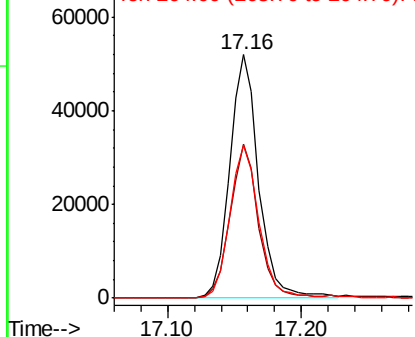


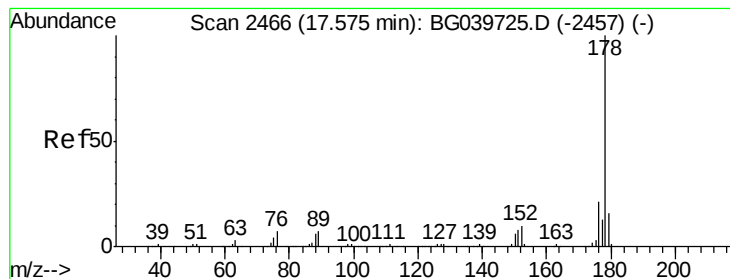
#70
 Pentachlorophenol
 Concen: 37.776 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

Tgt Ion:266 Resp: 78602
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 62.6 52.1 78.1



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





#71

Phenanthrene

Concen: 37.766 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

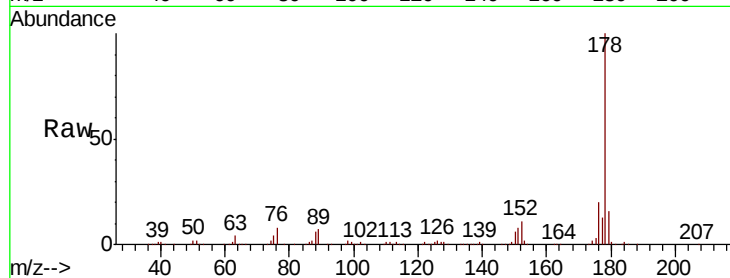
Tot Ion:178 Resp: 590690

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

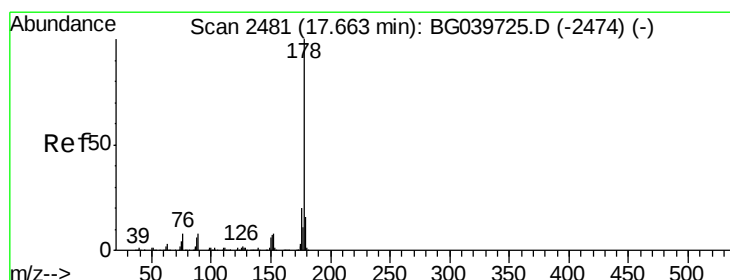
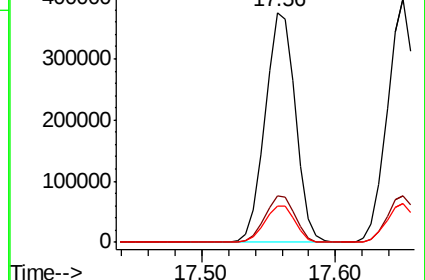
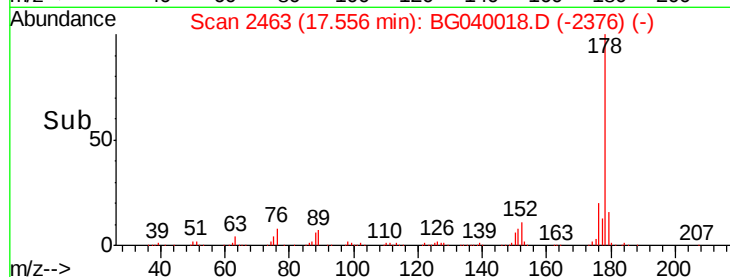
179 15.8 12.6 19.0



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: 38.763 ng

RT: 17.65 min Scan# 2479

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

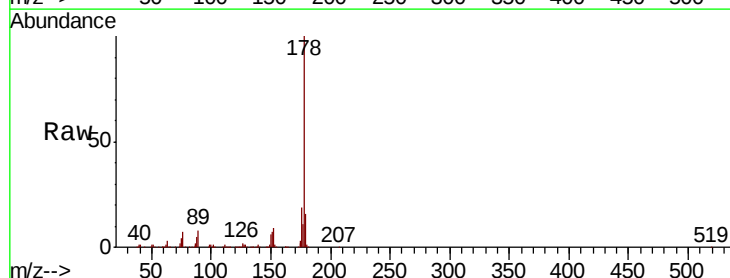
Tgt Ion:178 Resp: 590822

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

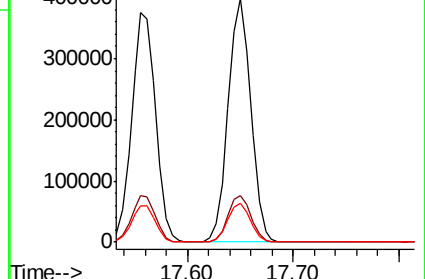
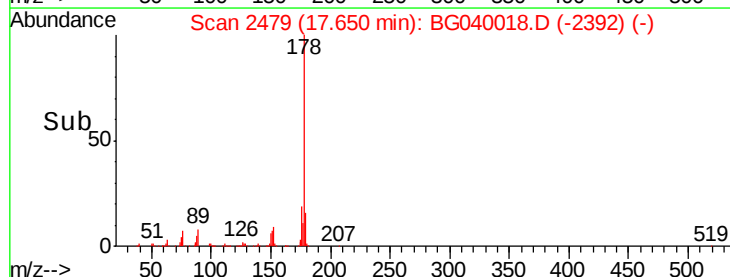
179 16.1 12.5 18.7



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

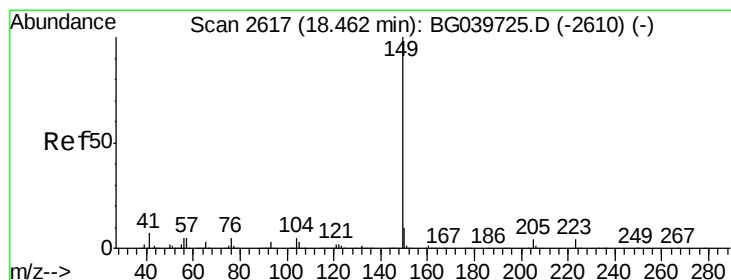
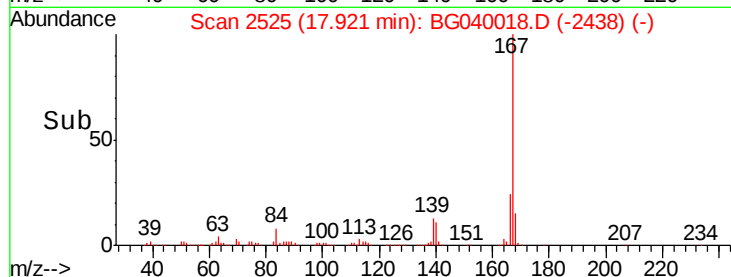
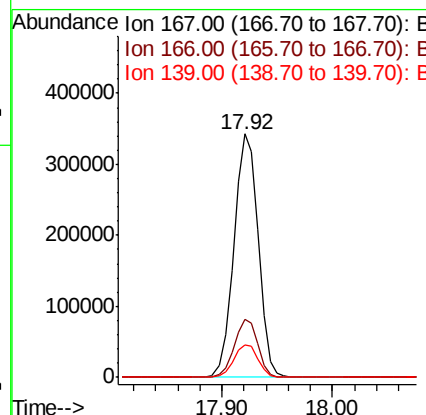
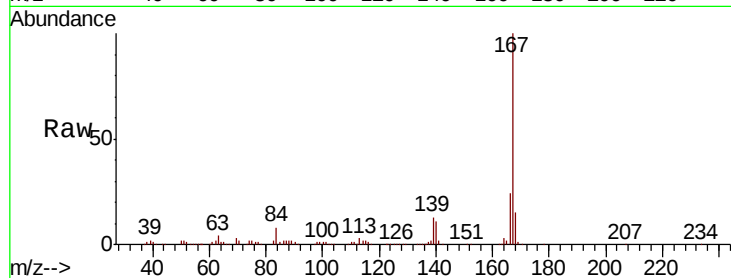




#73
 Carbazole
 Concen: 38.427 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

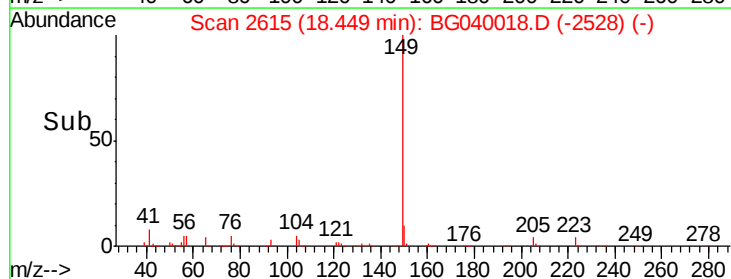
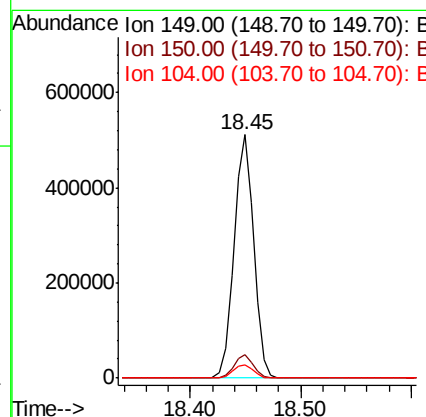
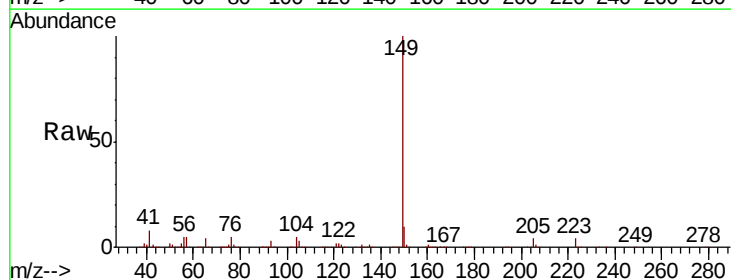
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

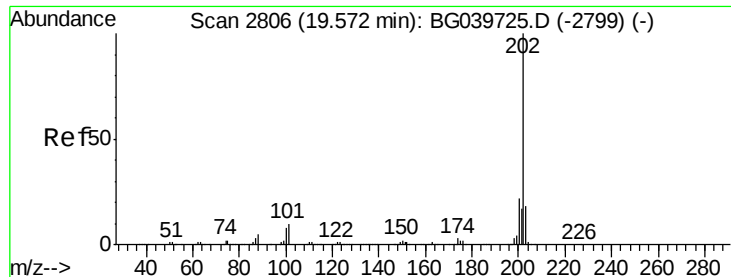
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.4	29.2
139	13.4	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 39.293 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG040018.D
 Acq: 20 Mar 2019 1:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 37.137 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

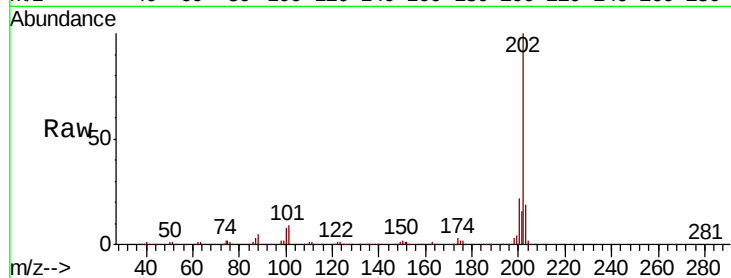
Tot Ion:202 Resp: 686469

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.0

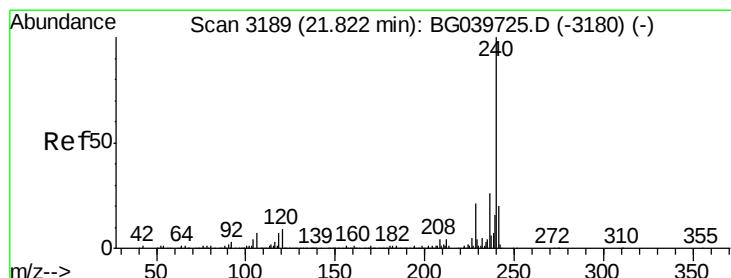
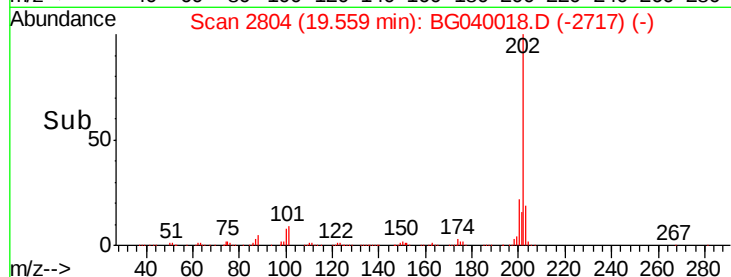
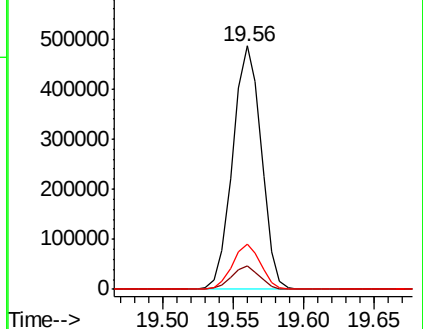
203 18.5 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

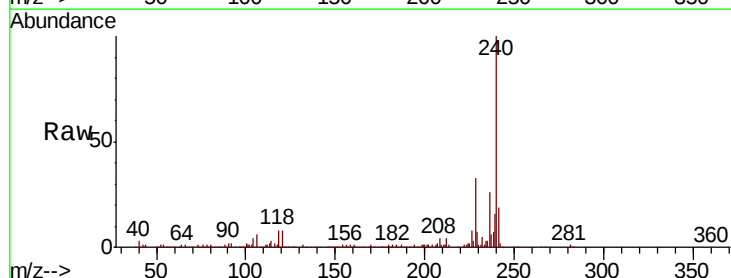
Tgt Ion:240 Resp: 266613

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

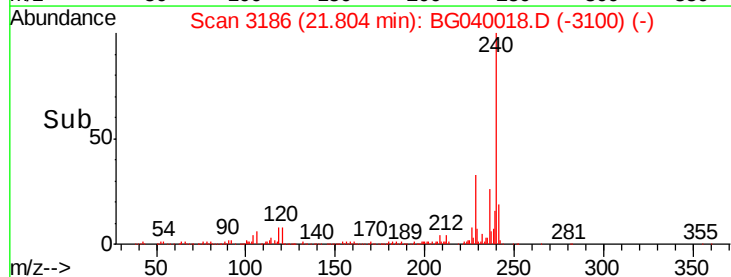
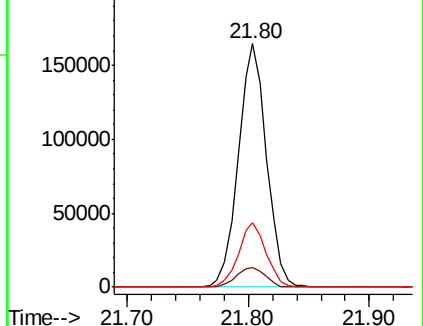
236 26.3 21.0 31.4

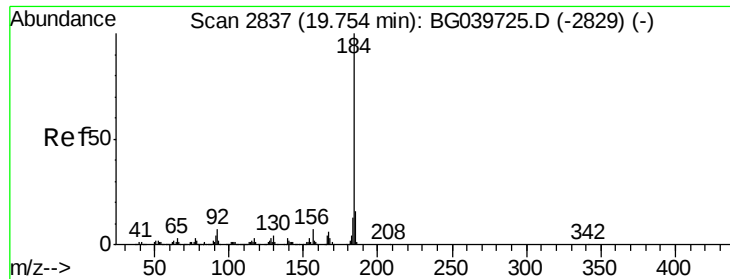


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.846 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

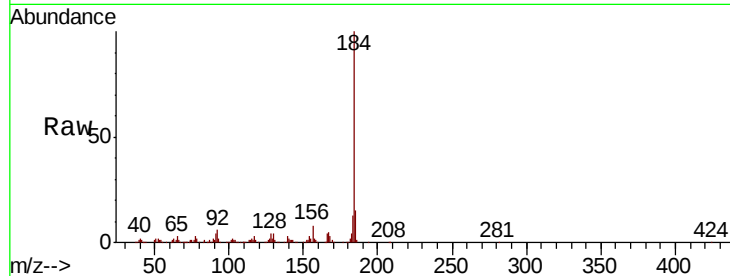
Tot Ion:184 Resp: 311736

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

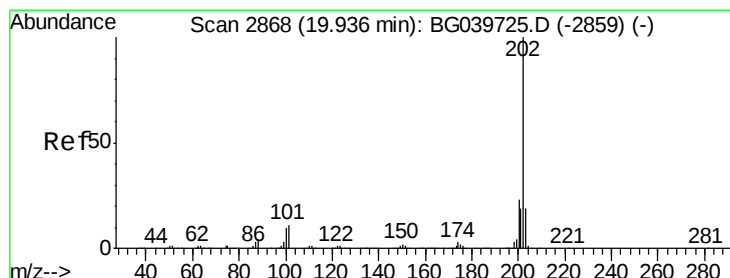
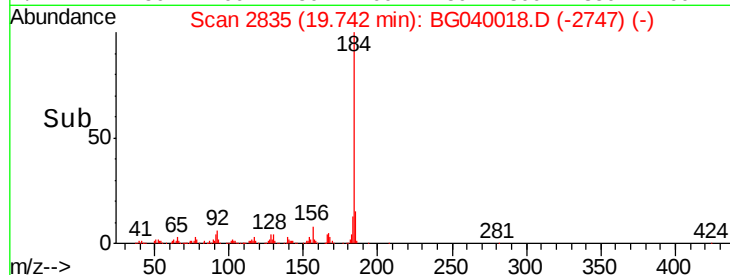
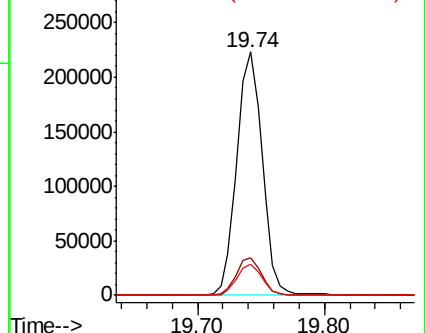
183 12.6 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.075 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

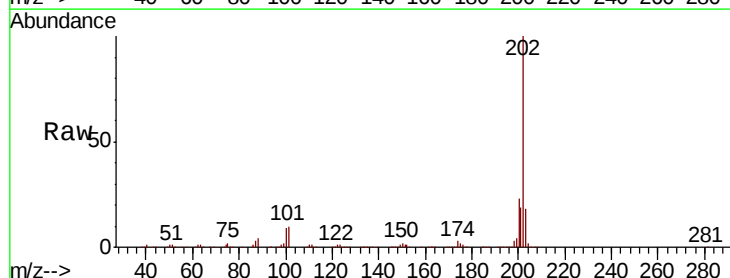
Tgt Ion:202 Resp: 694281

Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.8

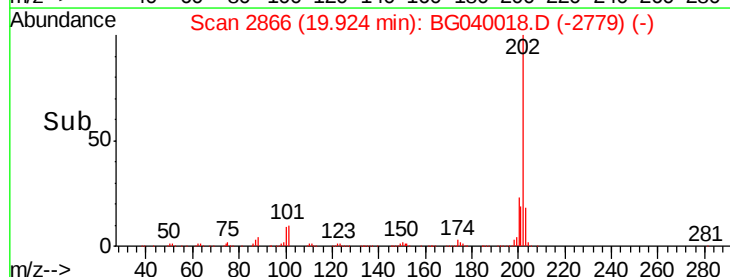
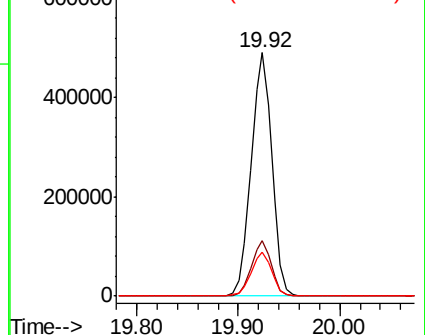
203 18.0 15.3 22.9



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: 79.860 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

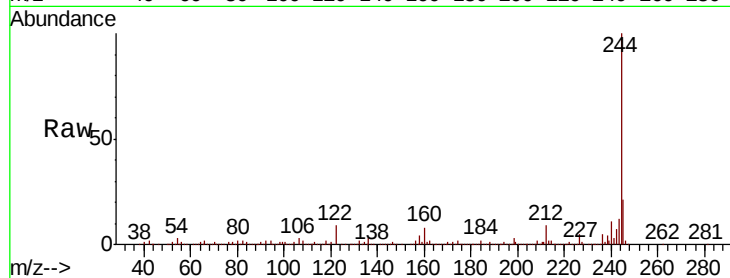
Tot Ion:244 Resp: 967014

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

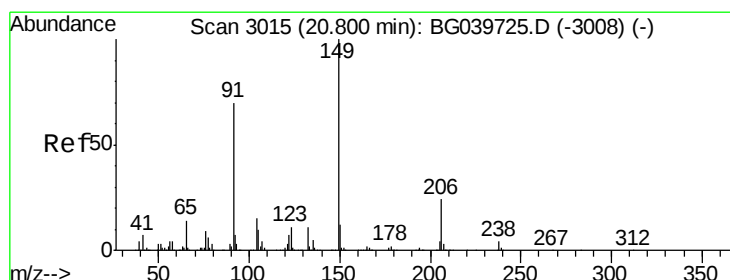
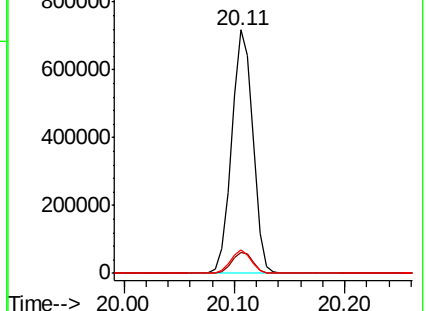
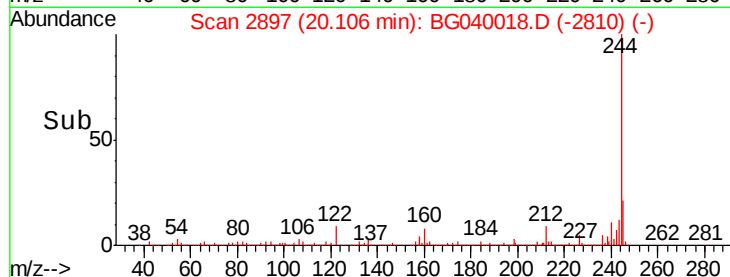
122 9.4 8.4 12.6



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: 42.006 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

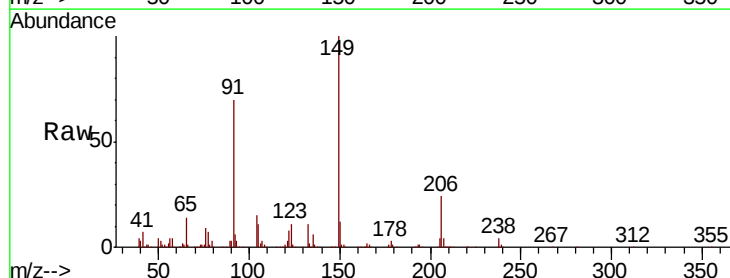
Tgt Ion:149 Resp: 281948

Ion Ratio Lower Upper

149 100

91 70.1 59.5 89.3

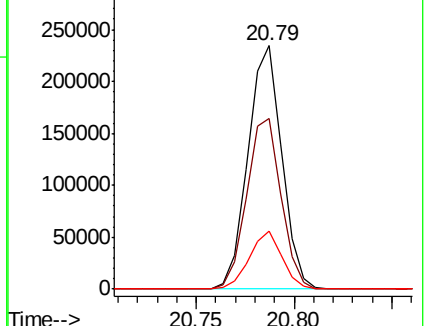
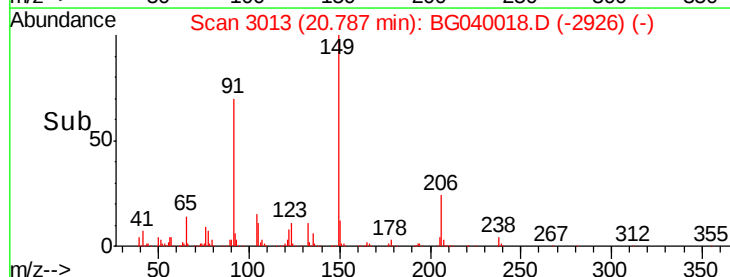
206 24.0 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.005 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

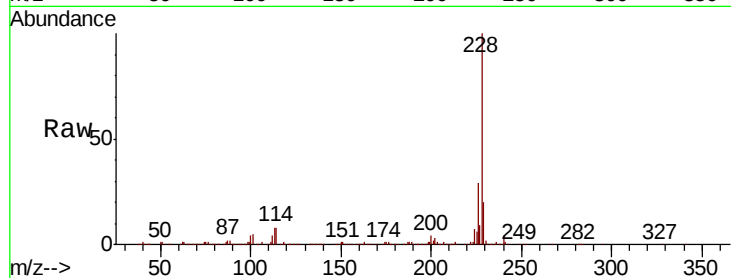
Tot Ion:228 Resp: 651749

Ion Ratio Lower Upper

228 100

226 28.8 23.0 34.6

229 20.3 16.9 25.3

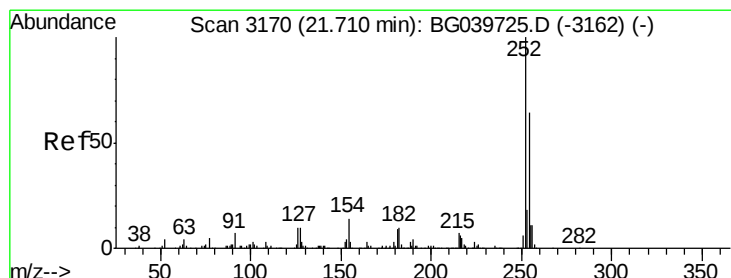
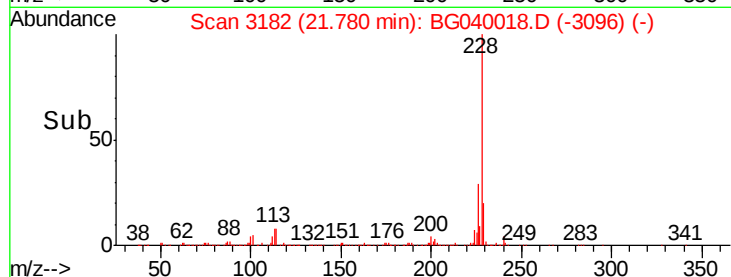
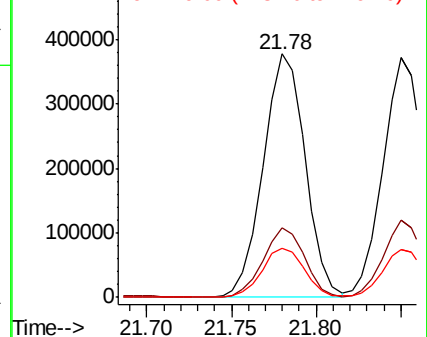


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 38.145 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

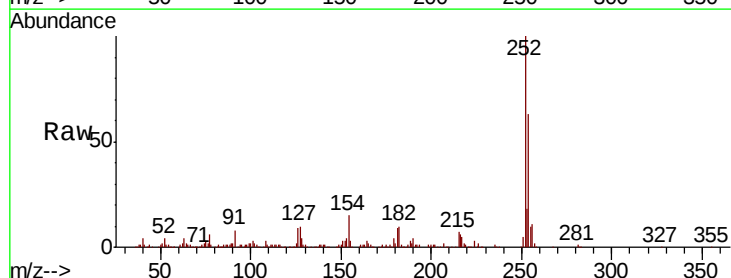
Tgt Ion:252 Resp: 232707

Ion Ratio Lower Upper

252 100

254 62.7 51.3 76.9

126 8.9 8.0 12.0

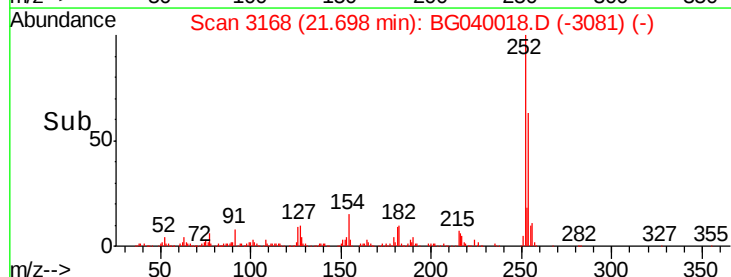
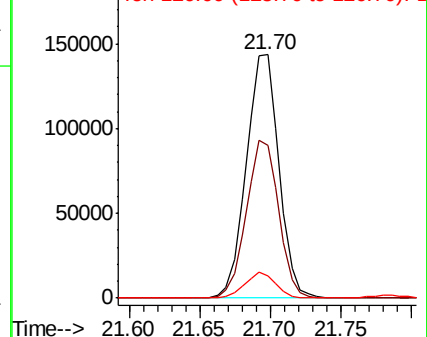


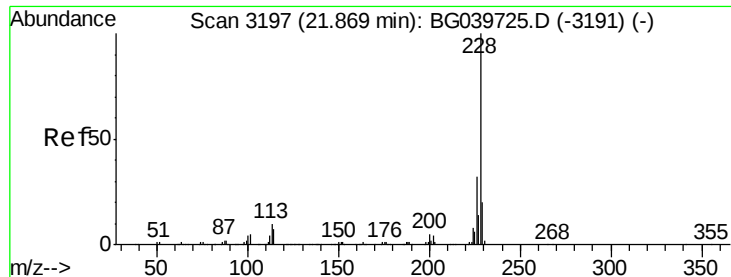
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.340 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

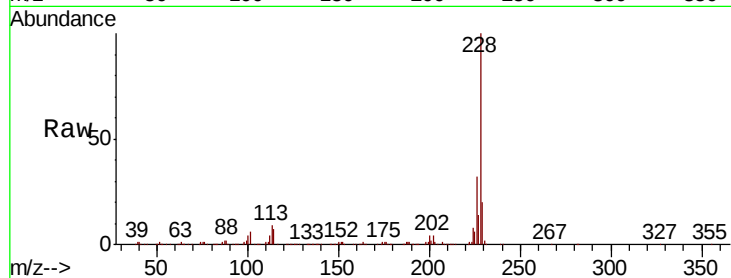
Tot Ion:228 Resp: 621083

Ion Ratio Lower Upper

228 100

226 32.1 25.8 38.6

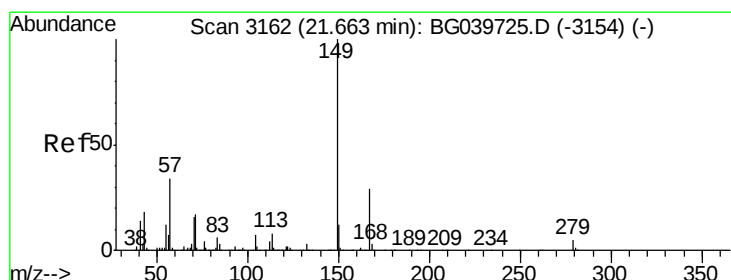
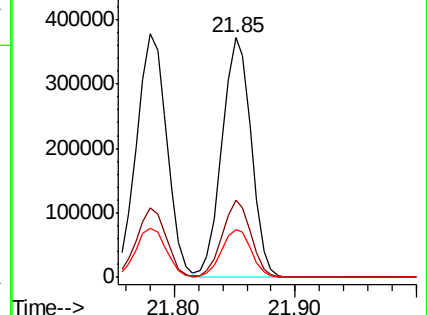
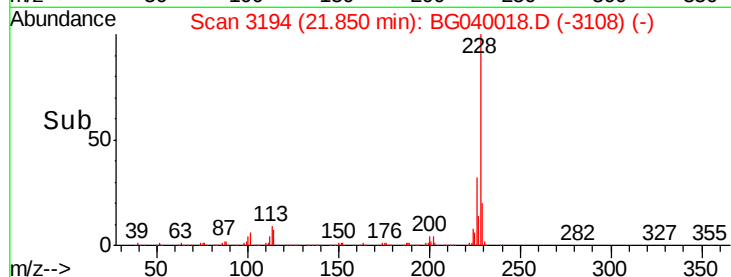
229 19.9 16.6 25.0



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: 41.167 ng

RT: 21.64 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

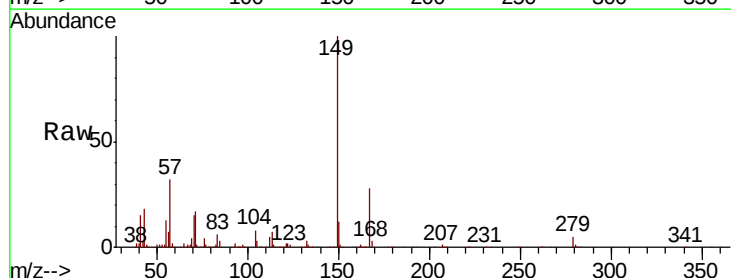
Tgt Ion:149 Resp: 388289

Ion Ratio Lower Upper

149 100

167 27.8 22.6 34.0

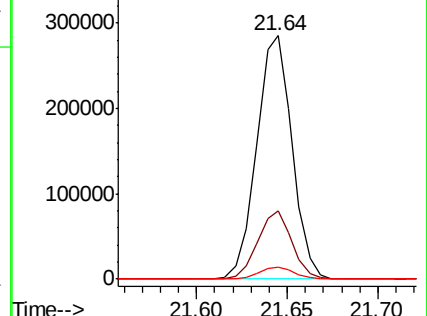
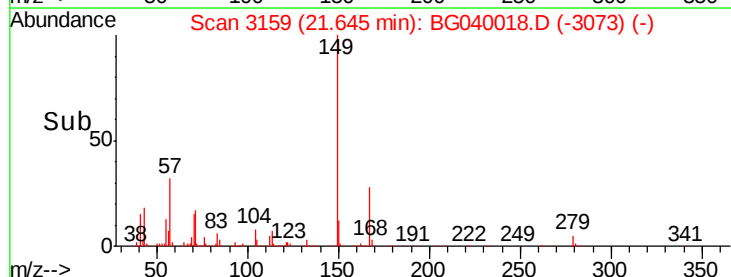
279 4.9 3.5 5.3

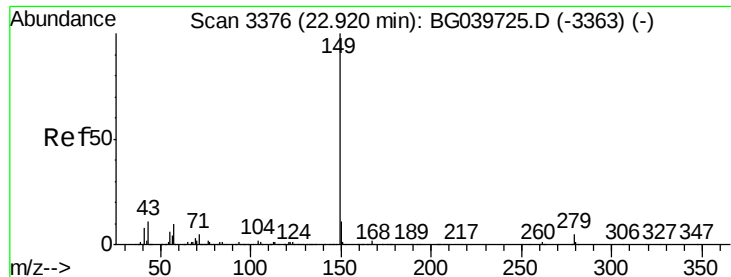


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

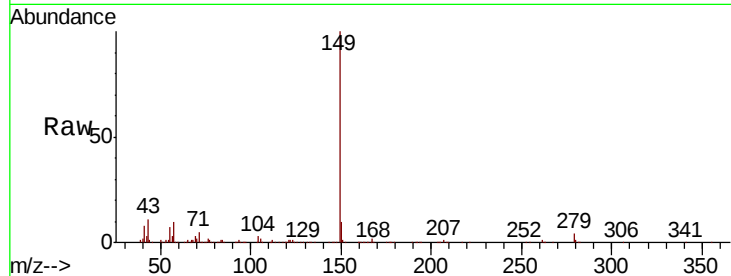




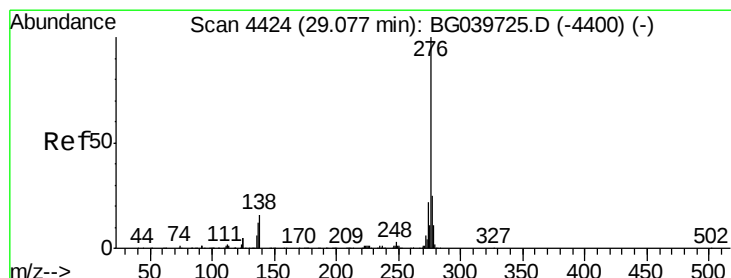
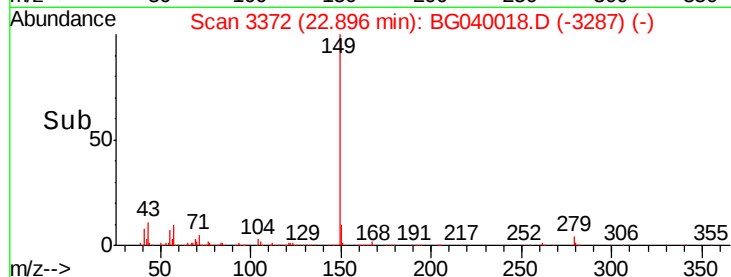
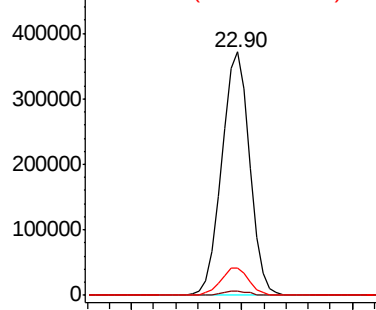
#85
Di-n-octyl phthalate
Concen: 42.199 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	11.3	10.2	15.4

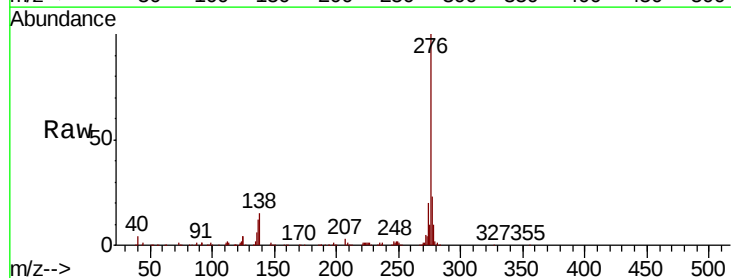


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

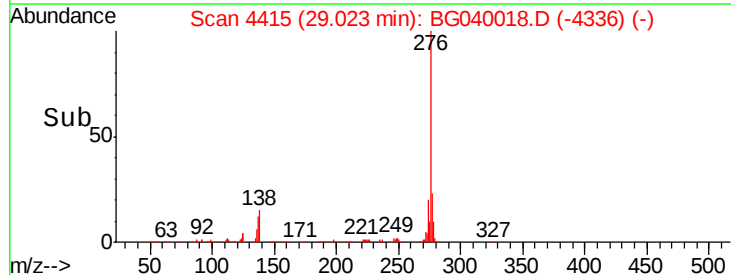
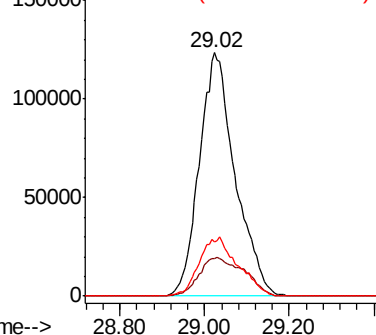


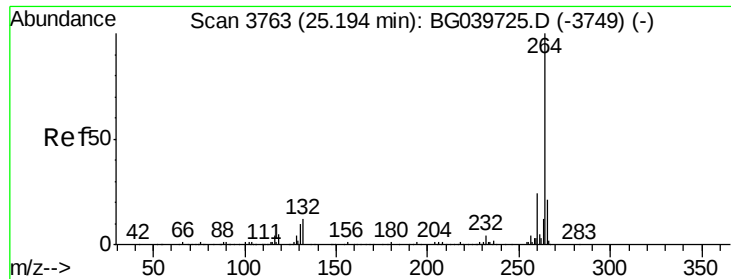
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.342 ng
RT: 29.02 min Scan# 4415
Delta R.T. -0.07 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	12.6	19.0#
277	26.0	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: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

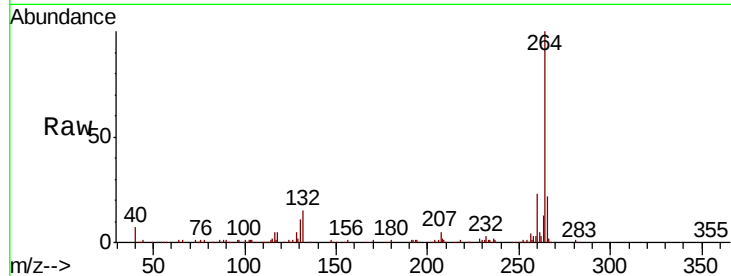
Tot Ion:264 Resp: 275556

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 22.5 18.5 27.7

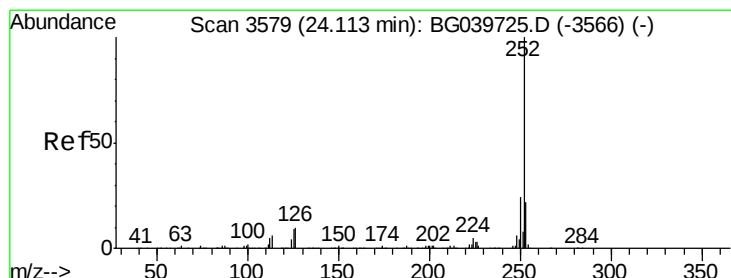
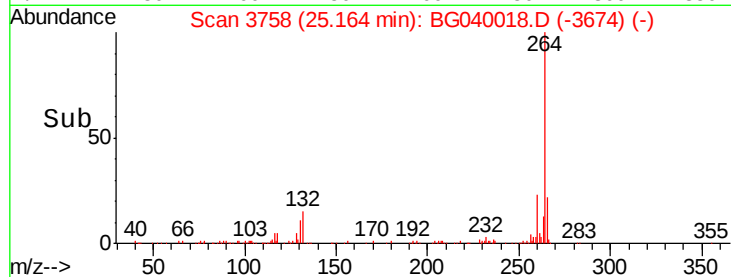
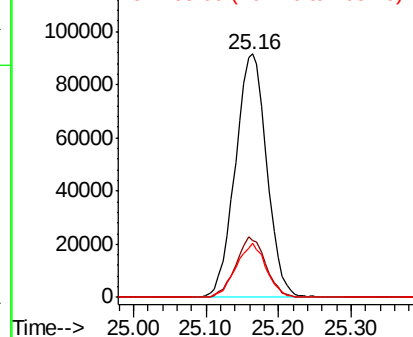


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.611 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

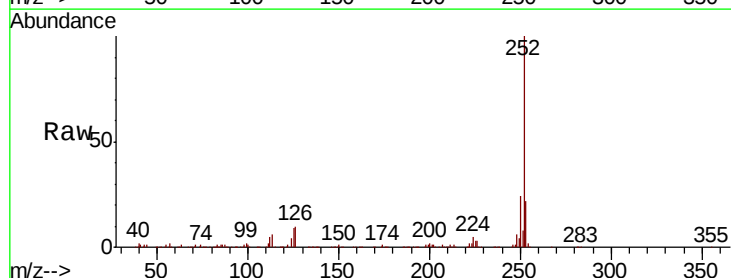
Tgt Ion:252 Resp: 634446

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 8.7 7.8 11.6

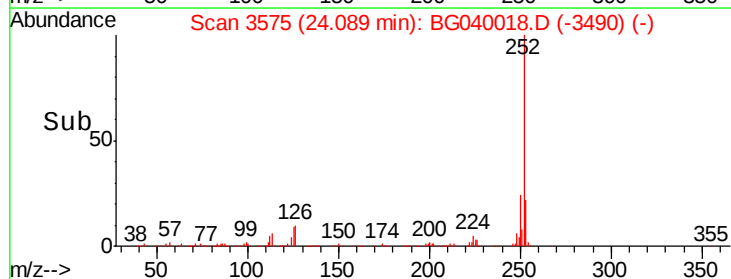
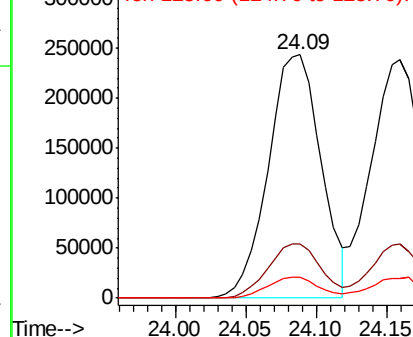


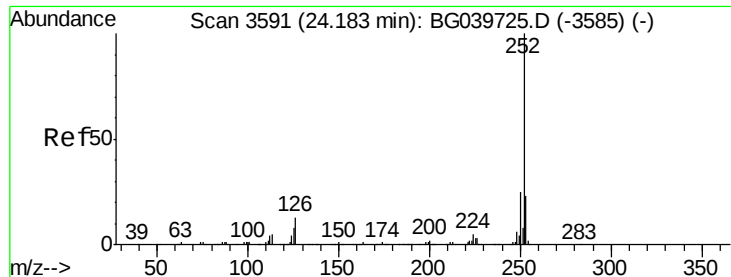
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.957 ng

RT: 24.16 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

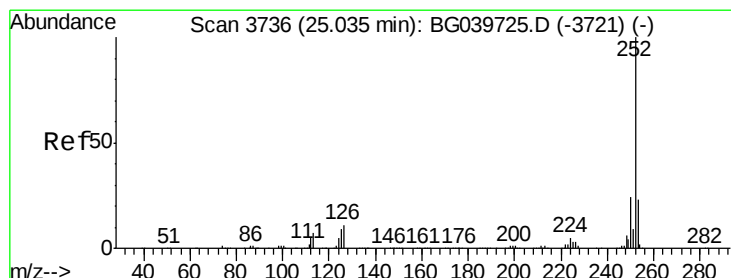
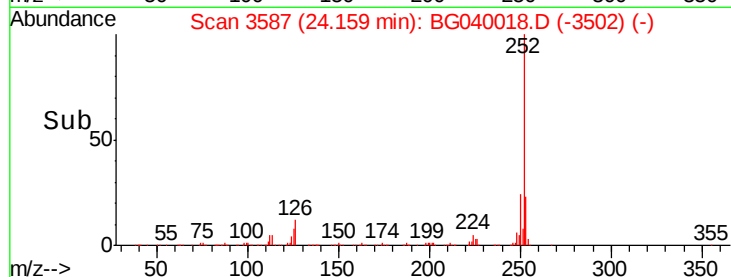
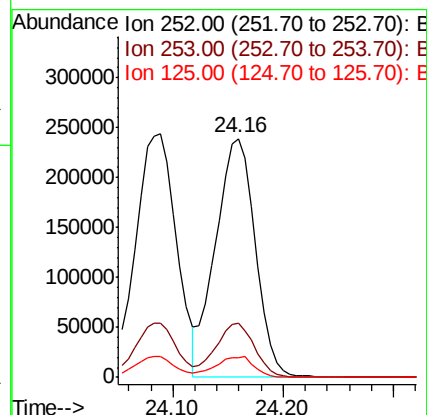
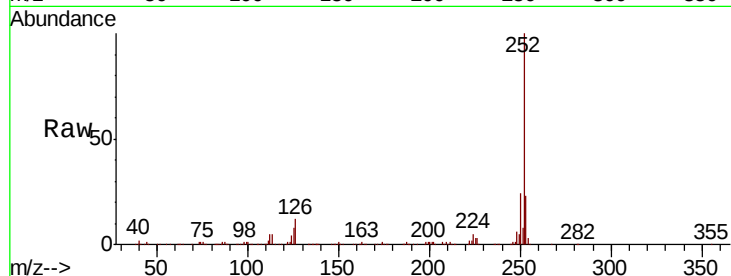
Tot Ion:252 Resp: 595872

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

125 8.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 39.412 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.04 min

Lab File: BG040018.D

Acq: 20 Mar 2019 1:17

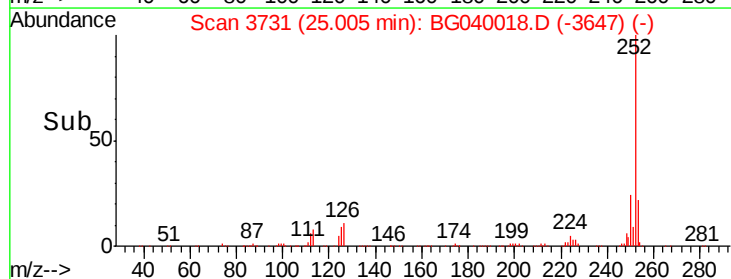
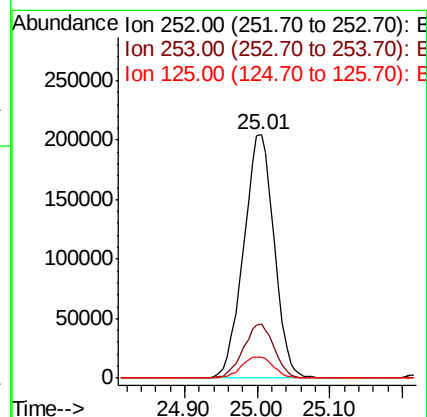
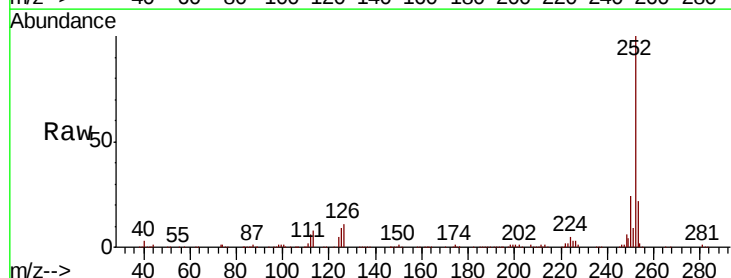
Tgt Ion:252 Resp: 598428

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 8.8 8.3 12.5

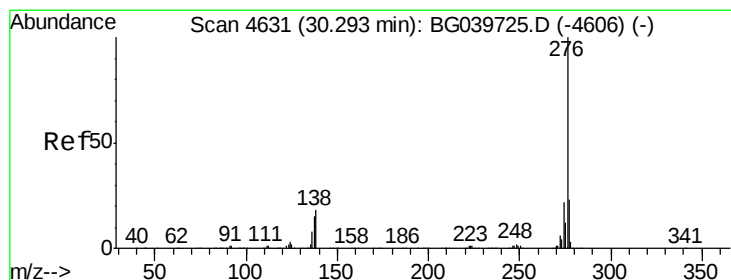
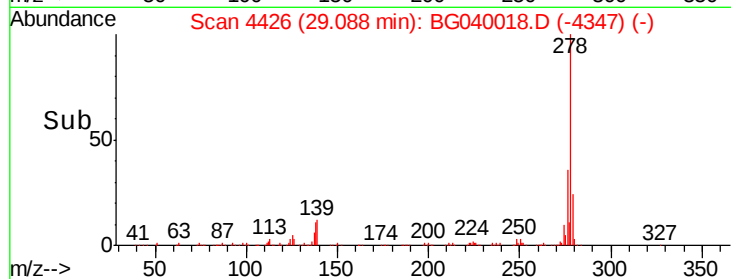
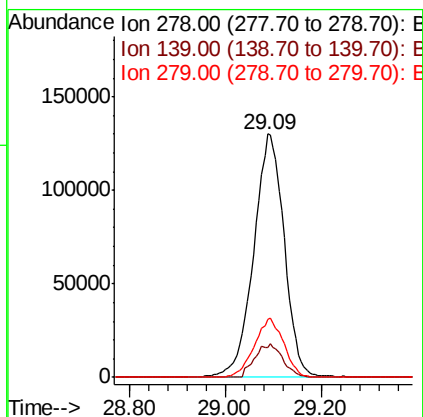
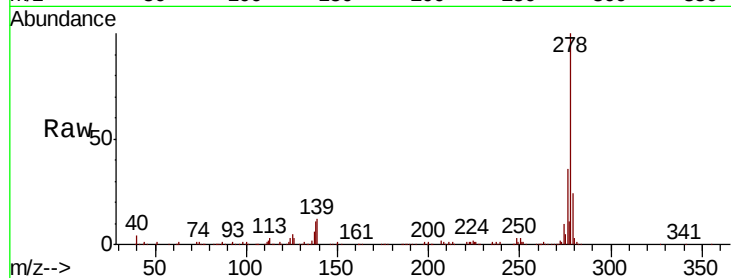




#91
Dibenzo(a,h)anthracene
Concen: 38.651 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.07 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.2	11.7	17.5
279	23.7	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 39.011 ng
RT: 30.25 min Scan# 4623
Delta R.T. -0.07 min
Lab File: BG040018.D
Acq: 20 Mar 2019 1:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.6	29.4
138	14.9	14.7	22.1

