

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040802.D
 Acq On : 9 May 2019 00:06
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 09 05:02:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	53157	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	237993	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	174394	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	444793	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	484614	20.00	ng	-0.03
87) Perylene-d12	25.15	264	472004	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.67	112	246389	81.71	ng	-0.01
7) Phenol-d6	7.28	99	393001	84.64	ng	-0.02
23) Nitrobenzene-d5	9.32	82	452081	87.77	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	217483	90.73	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	989781	81.97	ng	-0.02
79) Terphenyl-d14	20.11	244	1729925	79.08	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	52476	38.264	ng	92
3) Pyridine	3.95	79	164704	41.434	ng	97
4) n-Nitrosodimethylamine	3.87	42	88143	39.977	ng	# 90
6) Aniline	7.47	93	242384	39.385	ng	99
8) 2-Chlorophenol	7.70	128	148181	40.243	ng	98
9) Benzaldehyde	7.28	77	122657	45.824	ng	94
10) Phenol	7.31	94	210170	42.109	ng	99
11) bis(2-Chloroethyl)ether	7.56	93	151139	40.382	ng	99
12) 1,3-Dichlorobenzene	8.03	146	164026	40.813	ng	96
13) 1,4-Dichlorobenzene	8.18	146	164969	40.492	ng	96
14) 1,2-Dichlorobenzene	8.50	146	159846	40.683	ng	98
15) Benzyl Alcohol	8.38	79	188586	39.035	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	253059	33.961	ng	97
17) 2-Methylphenol	8.57	107	139375	39.459	ng	92
18) Hexachloroethane	9.23	117	64312	38.481	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	157998	37.802	ng	95
20) 3+4-Methylphenols	8.90	107	203783	41.415	ng	96
22) Acetophenone	8.97	105	267551	40.428	ng	# 96
24) Nitrobenzene	9.36	77	233254	42.445	ng	95
25) Isophorone	9.88	82	441851	38.512	ng	99
26) 2-Nitrophenol	10.07	139	98918	50.215	ng	98
27) 2,4-Dimethylphenol	10.12	122	149815	40.534	ng	97
28) bis(2-Chloroethoxy)methane	10.36	93	225210	39.124	ng	99
29) 2,4-Dichlorophenol	10.60	162	185588	44.167	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	200712	43.074	ng	97
31) Naphthalene	11.02	128	512083	40.501	ng	99
32) Benzoic acid	10.23	122	99444	39.302	ng	92
33) 4-Chloroaniline	11.13	127	225499	40.225	ng	98
34) Hexachlorobutadiene	11.28	225	153065	44.494	ng	97
35) Caprolactam	11.92	113	65929	39.741	ng	# 85
36) 4-Chloro-3-methylphenol	12.22	107	223828	42.225	ng	96
37) 2-Methylnaphthalene	12.61	142	389484	41.200	ng	95
38) 1-Methylnaphthalene	12.83	142	386924	41.874	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	281793	43.375	ng	97

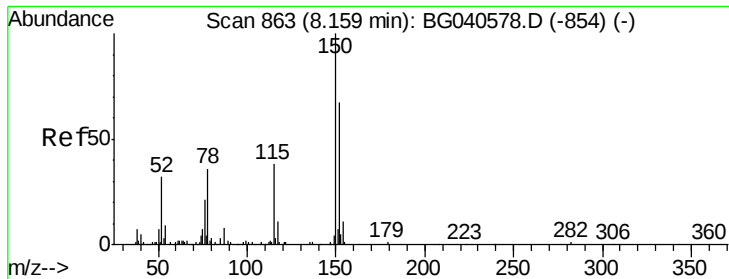
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	122868	32.051	ng	97
43) 2,4,6-Trichlorophenol	13.21	196	173773	44.263	ng	98
44) 2,4,5-Trichlorophenol	13.28	196	192471	45.004	ng	96
46) 1,1'-Biphenyl	13.61	154	531928	39.285	ng	96
47) 2-Chloronaphthalene	13.66	162	433356	40.897	ng	98
48) 2-Nitroaniline	13.86	65	174661	46.306	ng	95
49) Acenaphthylene	14.50	152	719577	40.025	ng	99
50) Dimethylphthalate	14.22	163	597820	40.971	ng	98
51) 2,6-Dinitrotoluene	14.35	165	134258	47.145	ng	92
52) Acenaphthene	14.84	154	410645	39.222	ng	96
53) 3-Nitroaniline	14.68	138	130797	44.826	ng #	91
54) 2,4-Dinitrophenol	14.88	184	36702	27.862	ng #	88
55) Dibenzofuran	15.17	168	712200	41.531	ng	99
56) 4-Nitrophenol	14.96	139	87938	34.757	ng	92
57) 2,4-Dinitrotoluene	15.13	165	187294	48.401	ng #	91
58) Fluorene	15.81	166	565027	40.765	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	195020	45.305	ng	95
60) Diethylphthalate	15.57	149	605592	39.337	ng	97
61) 4-Chlorophenyl-phenylether	15.80	204	345493	42.858	ng	96
62) 4-Nitroaniline	15.84	138	139628	42.779	ng	92
63) Azobenzene	16.10	77	590301	37.232	ng	96
65) 4,6-Dinitro-2-methylphenol	15.89	198	74276	35.978	ng	84
66) n-Nitrosodiphenylamine	16.02	169	506984	38.742	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	230546	41.604	ng	97
68) Hexachlorobenzene	16.81	284	241223	42.099	ng	96
69) Atrazine	16.95	200	193284	37.279	ng	98
70) Pentachlorophenol	17.15	266	128023	38.182	ng	98
71) Phenanthrene	17.56	178	951415	39.712	ng	99
72) Anthracene	17.65	178	946300	39.296	ng	99
73) Carbazole	17.92	167	837299	38.163	ng	99
74) Di-n-butylphthalate	18.45	149	982174	37.089	ng	99
75) Fluoranthene	19.56	202	1201514	40.245	ng	100
77) Benzidine	19.74	184	419397	31.607	ng	98
78) Pyrene	19.92	202	1207462	39.754	ng	100
80) Butylbenzylphthalate	20.79	149	449876	38.002	ng	97
81) Benzo(a)anthracene	21.78	228	1207073	39.411	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	412040	37.744	ng	98
83) Chrysene	21.85	228	1174757	40.331	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	624185	36.527	ng	97
85) Di-n-octyl phthalate	22.90	149	1038814	36.096	ng	98
86) Indeno(1,2,3-cd)pyrene	29.00	276	1081172	30.700	ng #	89
88) Benzo(b)fluoranthene	24.08	252	1145316	39.708	ng	98
89) Benzo(k)fluoranthene	24.15	252	1123068	41.692	ng	97
90) Benzo(a)pyrene	25.00	252	1080854	39.588	ng #	97
91) Dibenzo(a,h)anthracene	29.08	278	797839	28.876	ng	98
92) Benzo(g,h,i)perylene	30.22	276	854307	31.068	ng	96

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

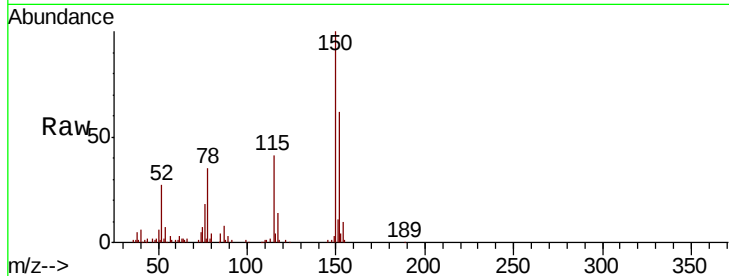


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	120.2	180.2
115	65.7	46.2	69.2

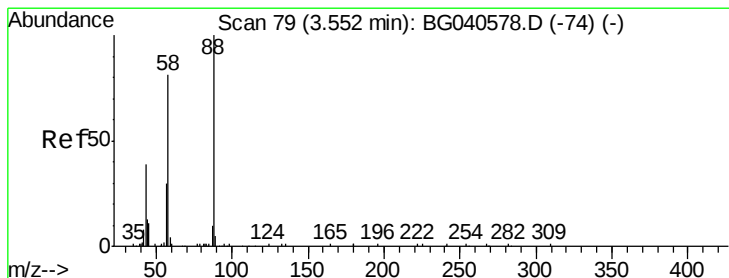
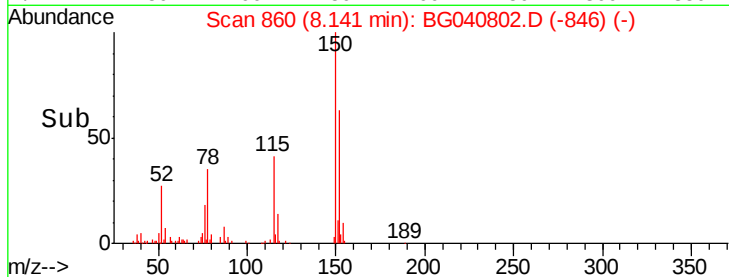
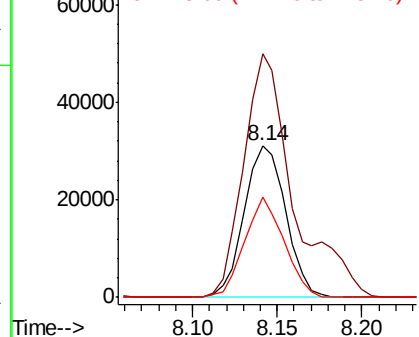


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

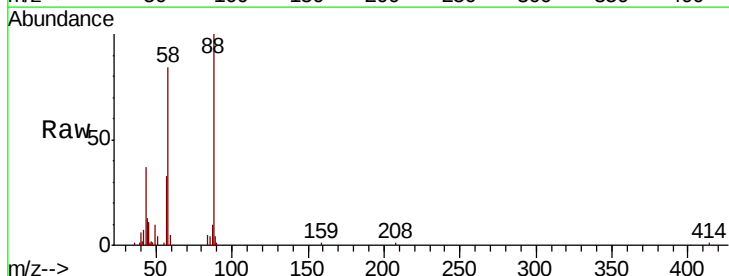
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.264 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.5	71.2	106.8
43	37.4	35.6	53.4

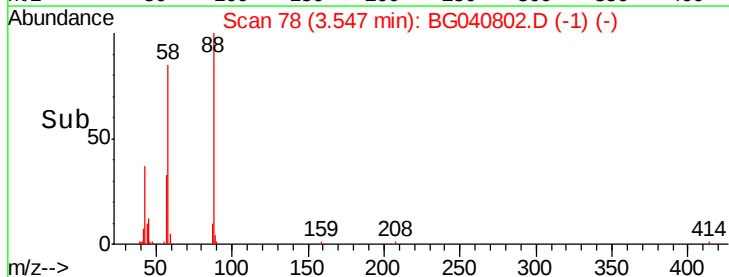
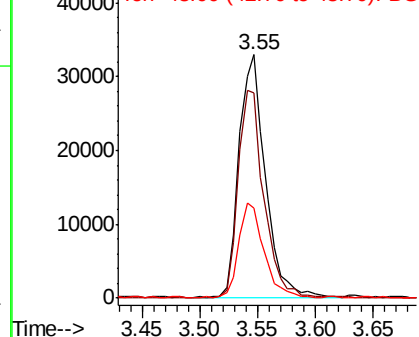


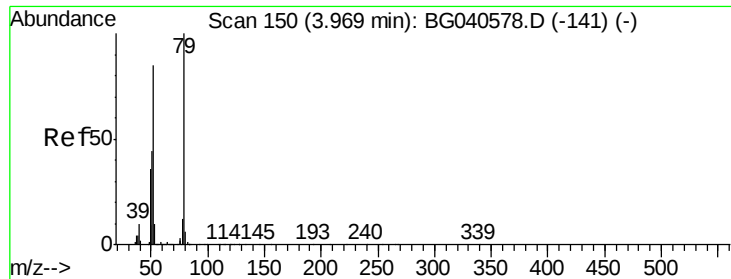
Abundance

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: 41.434 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

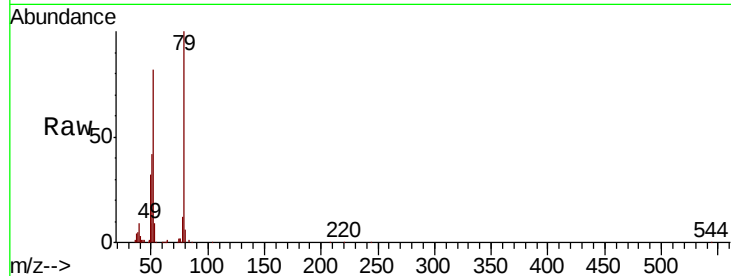
Tot Ion: 79 Resp: 164704

Ion Ratio Lower Upper

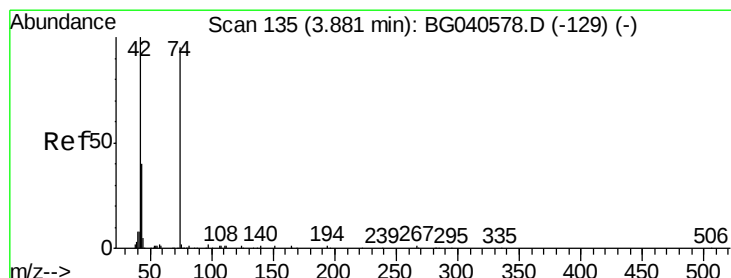
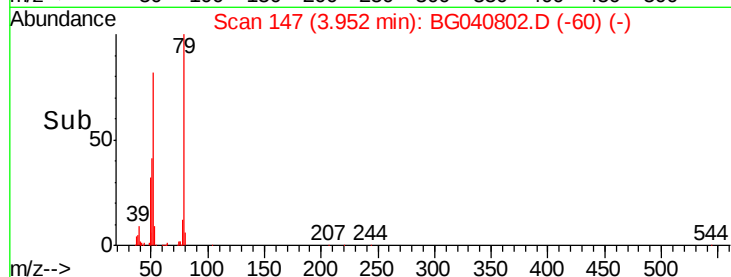
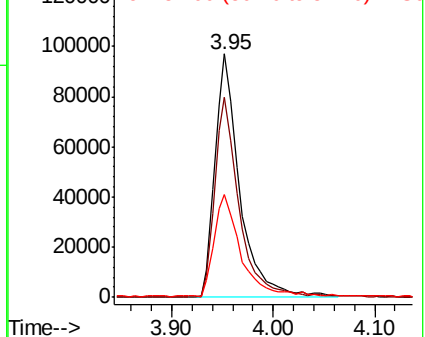
79 100

52 82.4 67.5 101.3

51 42.4 35.6 53.4



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: 39.977 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

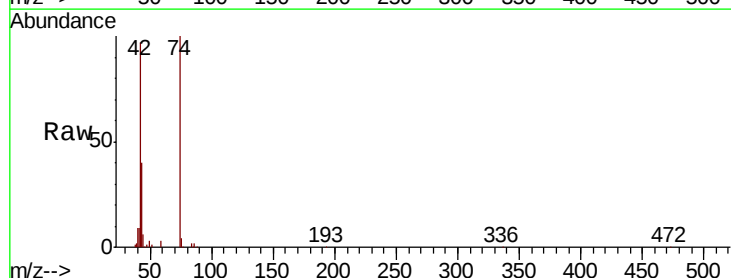
Tgt Ion: 42 Resp: 88143

Ion Ratio Lower Upper

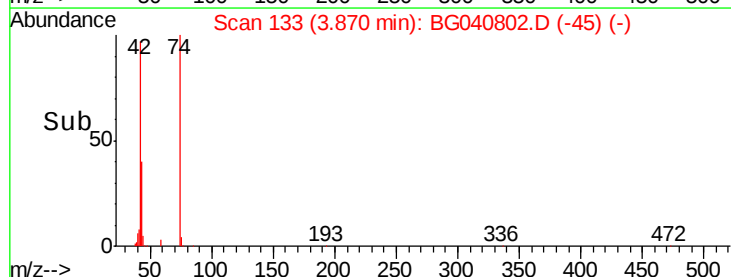
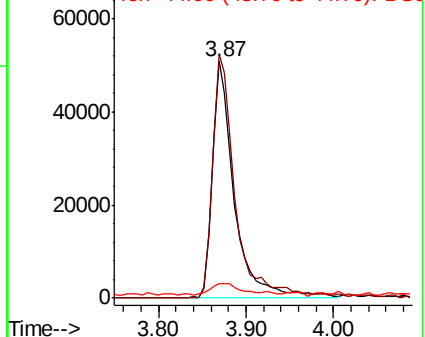
42 100

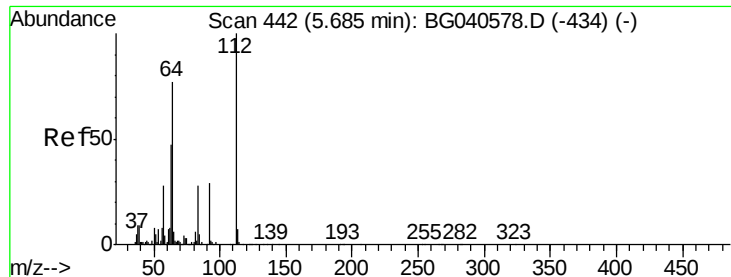
74 102.9 74.6 111.8

44 6.3 7.4 11.0#



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





#5

2-Fluorophenol

Concen: 81.706 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

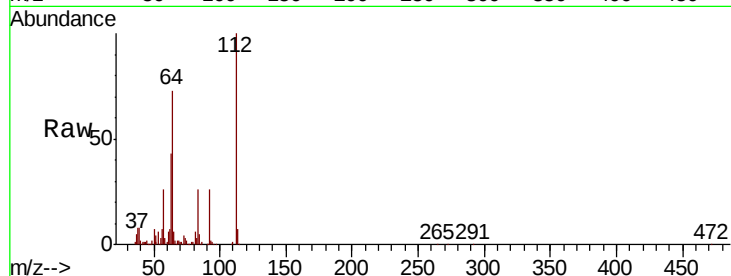
Tot Ion:112 Resp: 246389

Ion Ratio Lower Upper

112 100

64 73.0 61.4 92.0

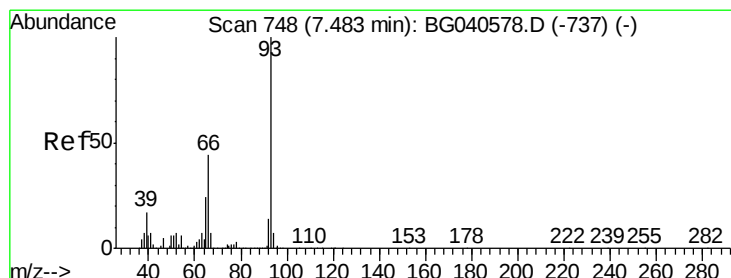
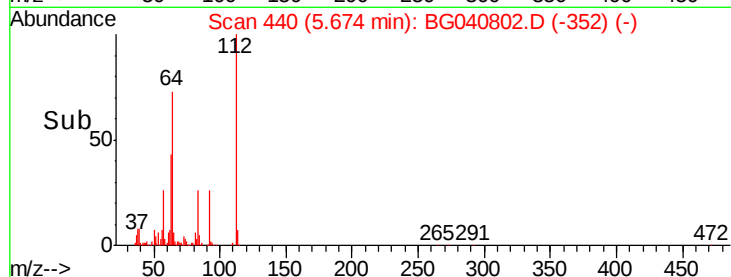
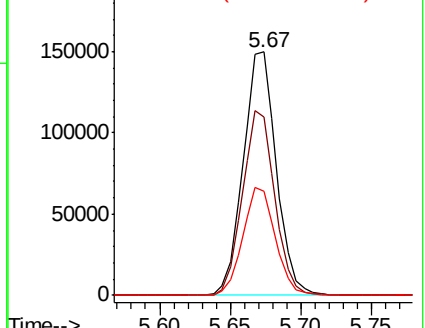
63 42.8 37.8 56.6



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: 39.385 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

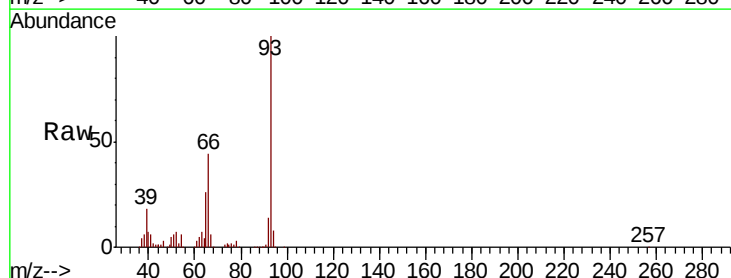
Tgt Ion: 93 Resp: 242384

Ion Ratio Lower Upper

93 100

66 44.5 35.5 53.3

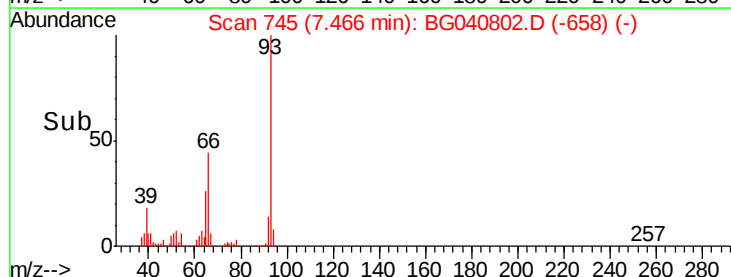
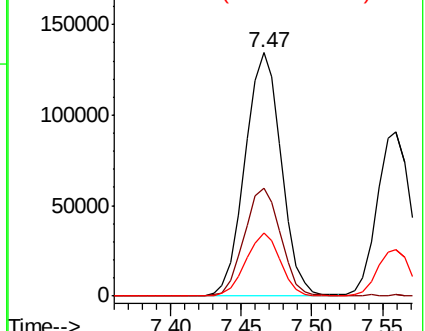
65 25.7 19.2 28.8



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 84.642 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

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BNA_G

ClientSampleId :

SSTDCCC040EC

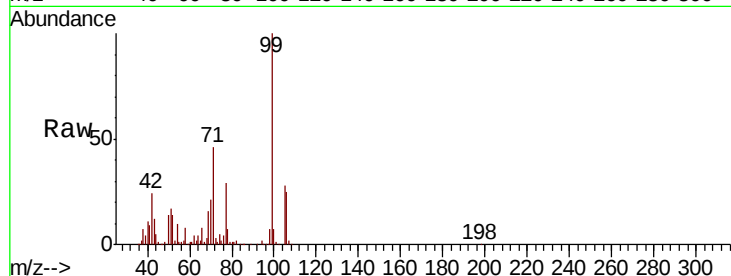
Tot Ion: 99 Resp: 393001

Ion Ratio Lower Upper

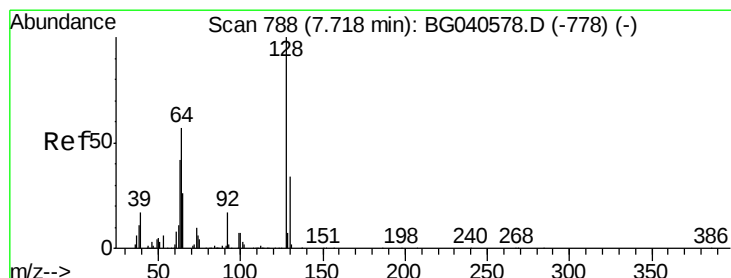
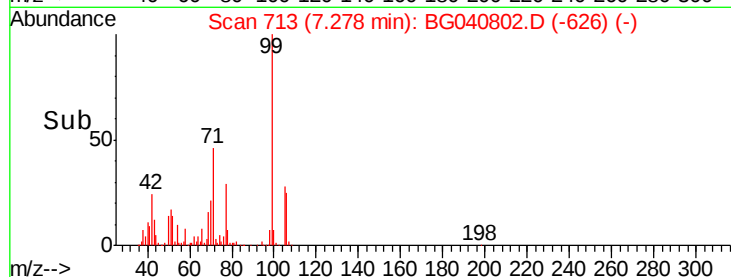
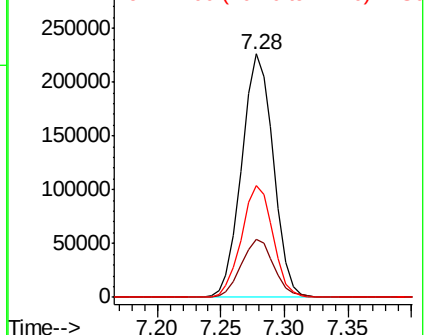
99 100

42 23.8 21.8 32.8

71 45.8 38.6 57.8



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: 40.243 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

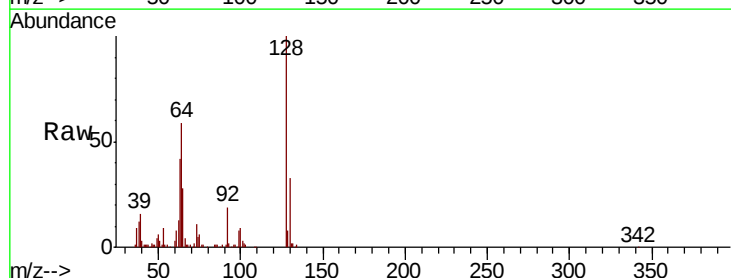
Tgt Ion: 128 Resp: 148181

Ion Ratio Lower Upper

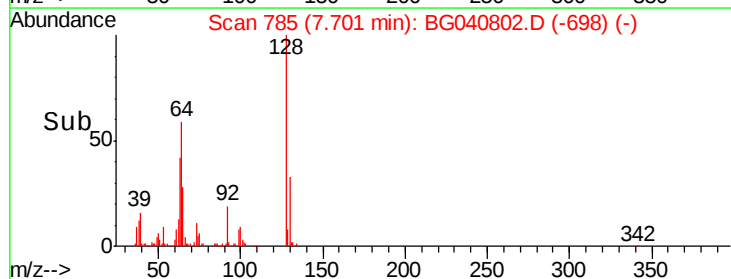
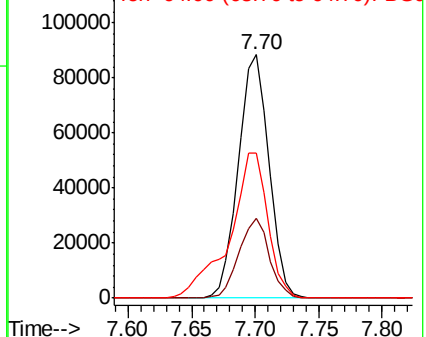
128 100

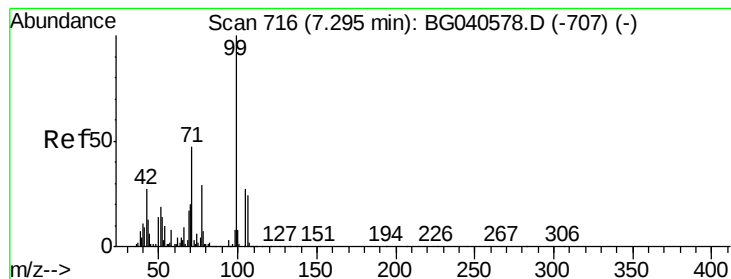
130 32.5 14.5 54.5

64 59.4 38.4 78.4



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





#9

Benzaldehyde

Concen: 45.824 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

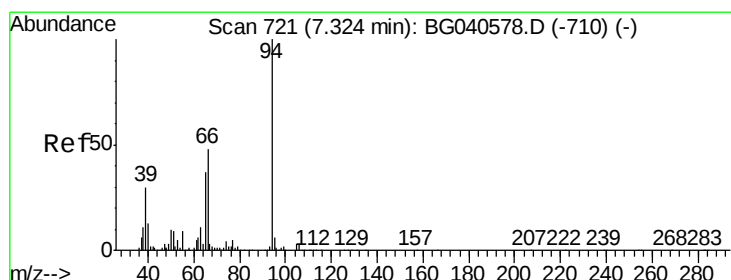
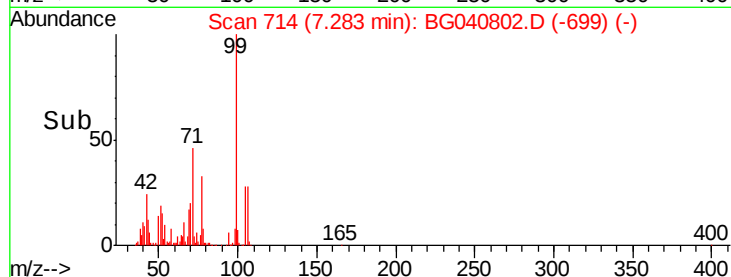
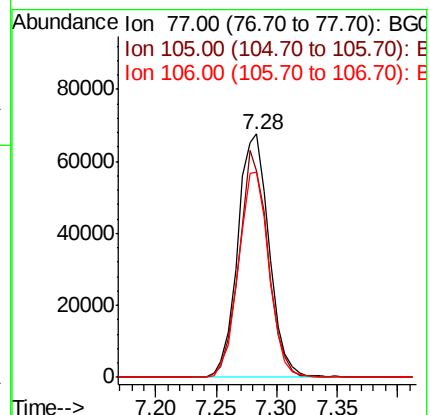
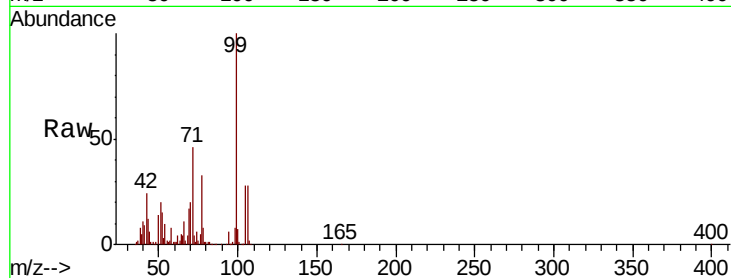
Tot Ion: 77 Resp: 122657

Ion Ratio Lower Upper

77 100

105 85.0 72.0 112.0

106 84.3 61.2 101.2



#10

Phenol

Concen: 42.109 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

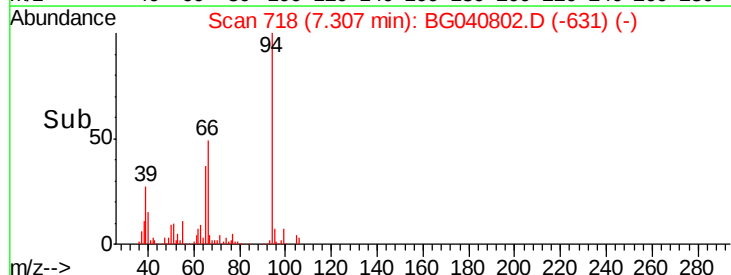
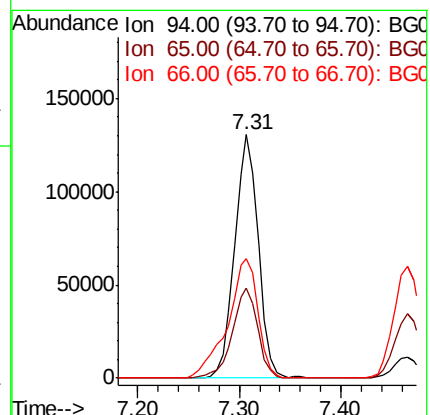
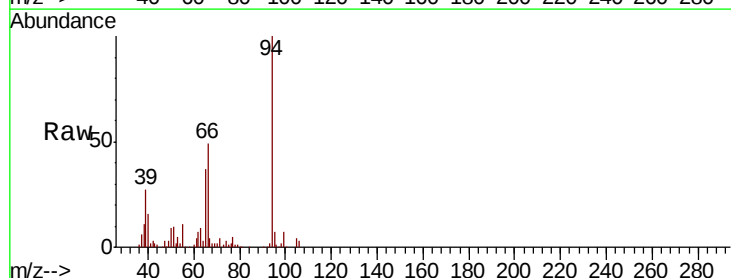
Tgt Ion: 94 Resp: 210170

Ion Ratio Lower Upper

94 100

65 36.8 17.0 57.0

66 49.2 28.6 68.6

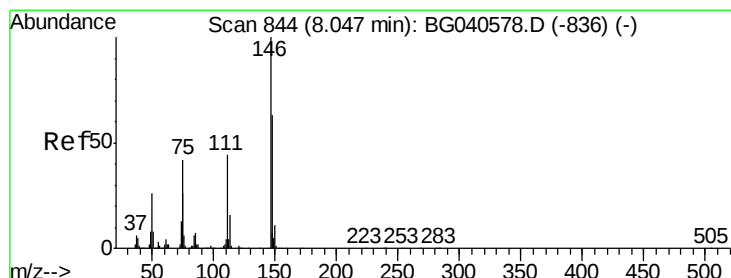
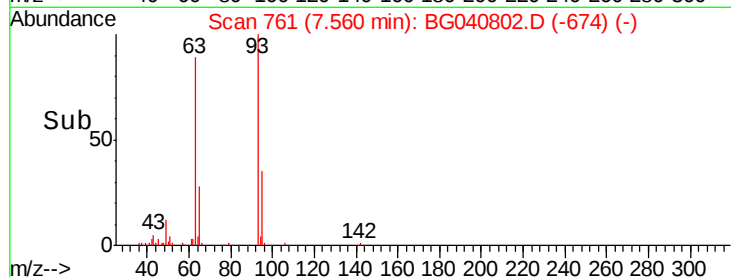
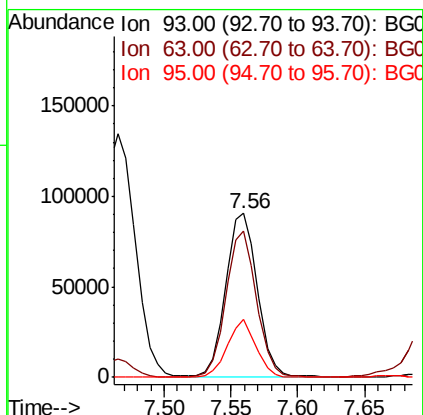
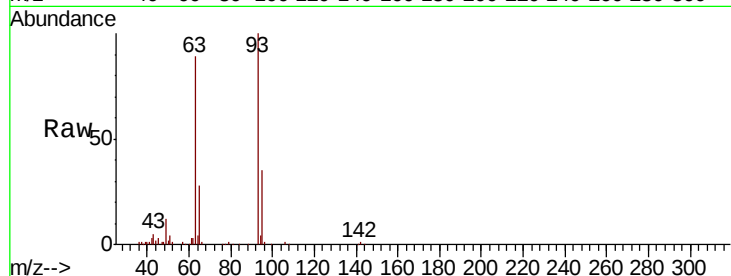




#11
 bis(2-Chloroethyl)ether
 Concen: 40.382 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

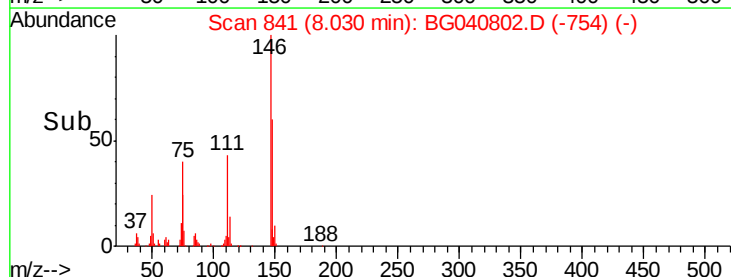
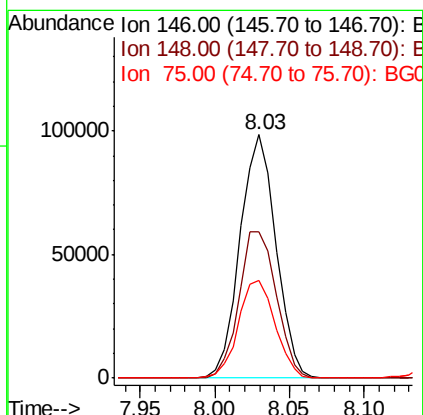
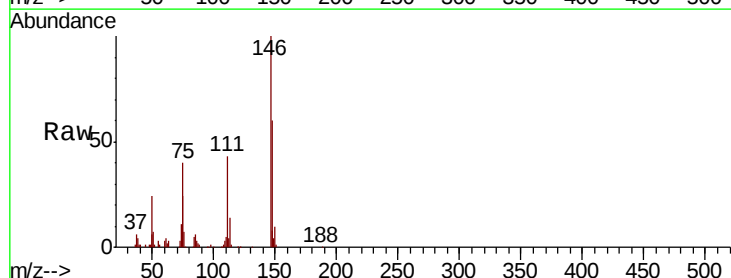
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

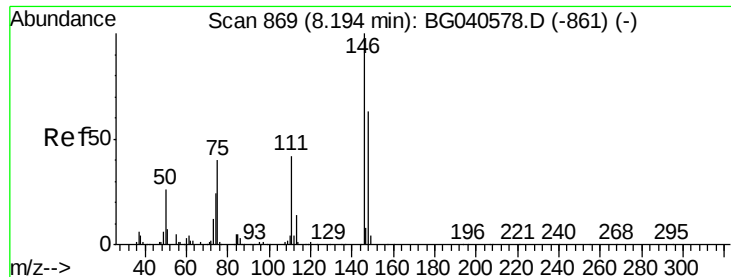
Tot Ion: 93 Resp: 151139
 Ion Ratio Lower Upper
 93 100
 63 89.1 68.2 108.2
 95 35.2 14.3 54.3



#12
 1,3-Dichlorobenzene
 Concen: 40.813 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

Tgt Ion: 146 Resp: 164026
 Ion Ratio Lower Upper
 146 100
 148 59.9 50.7 76.1
 75 40.1 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 40.492 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

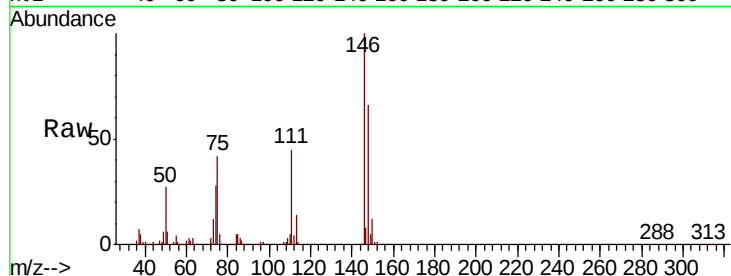
Tot Ion:146 Resp: 164969

Ion Ratio Lower Upper

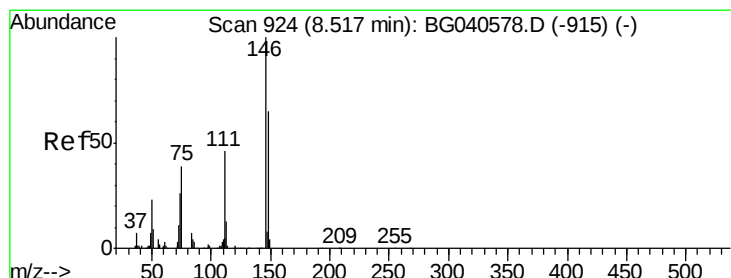
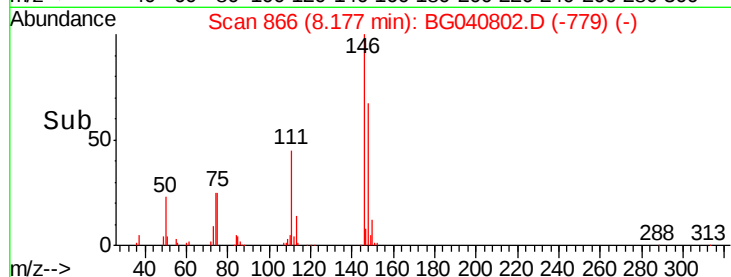
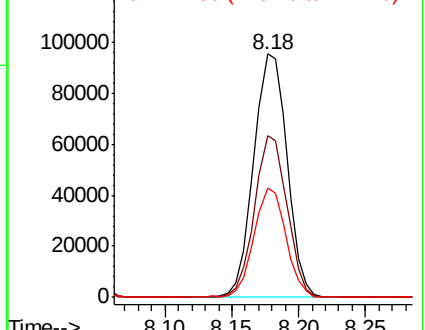
146 100

148 66.4 50.6 75.8

111 44.9 34.3 51.5



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: 40.683 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

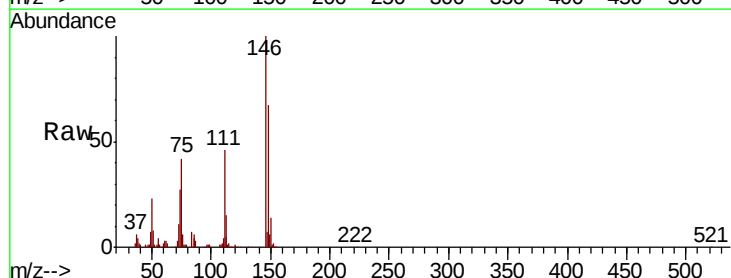
Tgt Ion:146 Resp: 159846

Ion Ratio Lower Upper

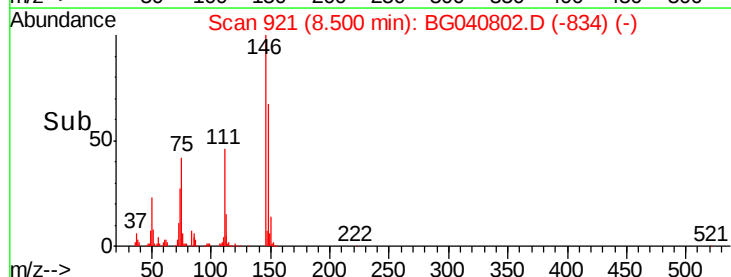
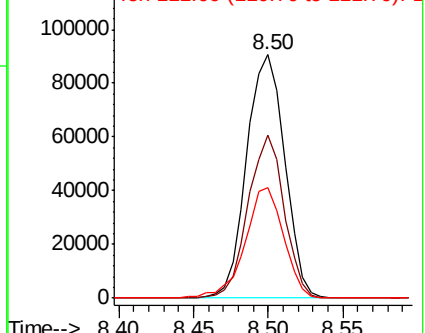
146 100

148 66.8 52.2 78.4

111 45.6 37.4 56.0



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: 39.035 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

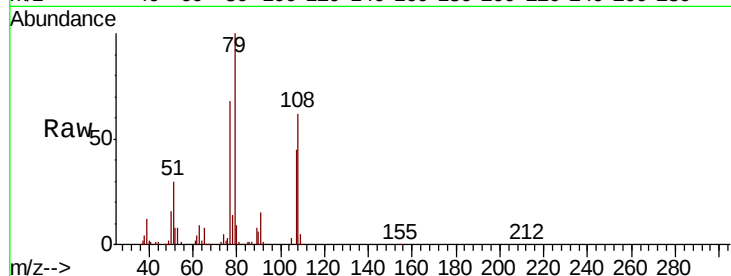
Tot Ion: 79 Resp: 188586

Ion Ratio Lower Upper

79 100

108 62.4 51.4 77.0

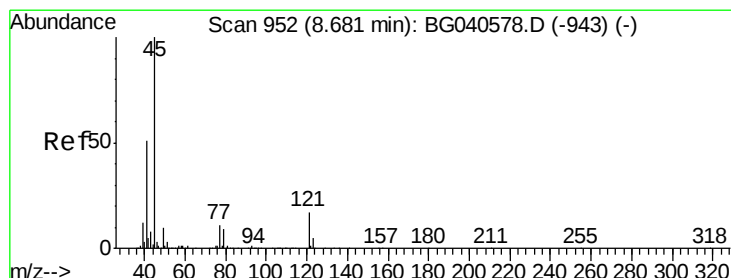
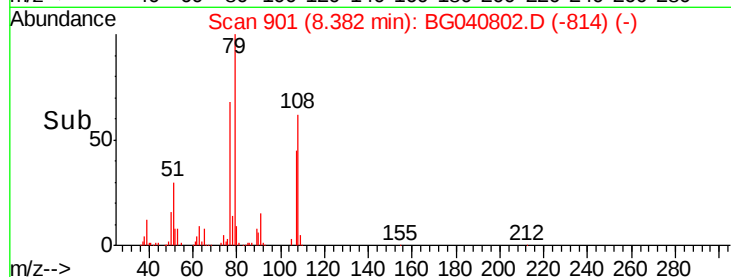
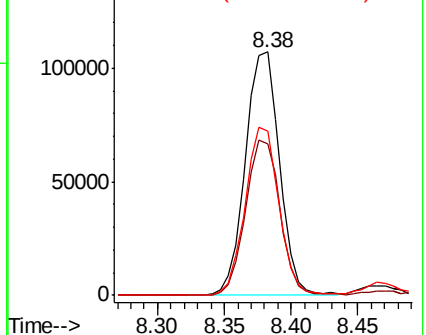
77 67.6 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.961 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

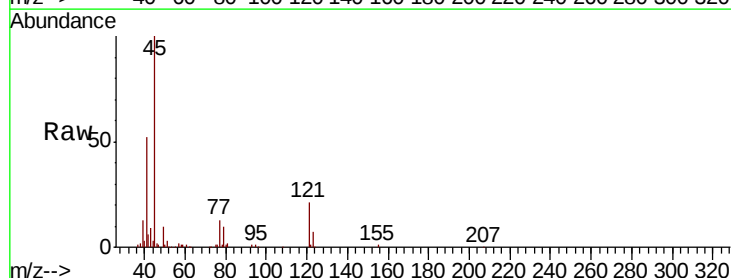
Tgt Ion: 45 Resp: 253059

Ion Ratio Lower Upper

45 100

77 13.0 0.0 31.5

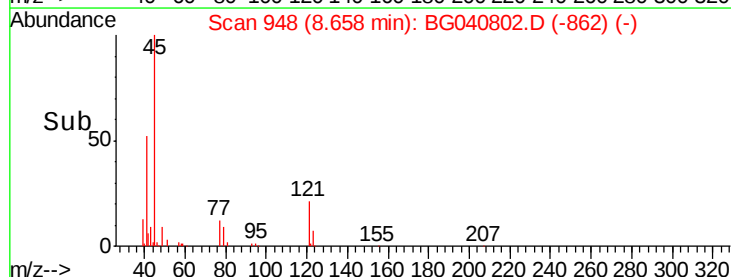
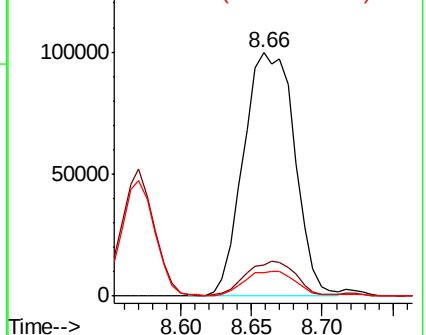
79 9.8 0.0 29.4

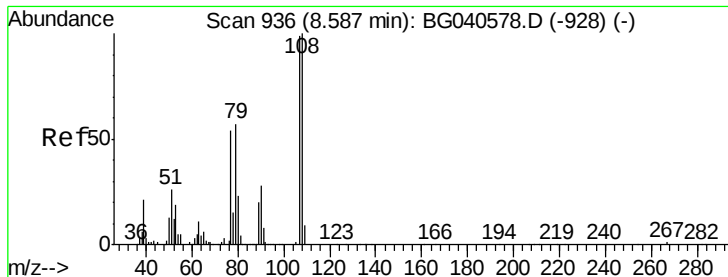


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 39.459 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 139375

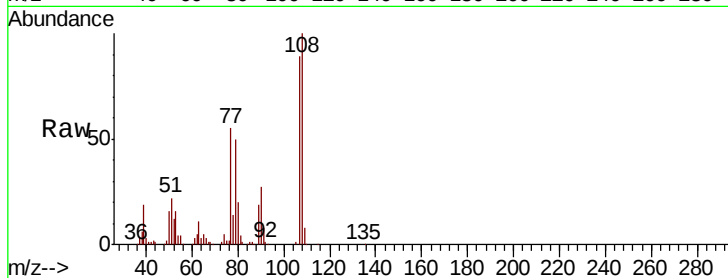
Ion Ratio Lower Upper

107 100

108 111.8 81.2 121.8

77 62.0 44.4 66.6

79 56.4 47.0 70.4



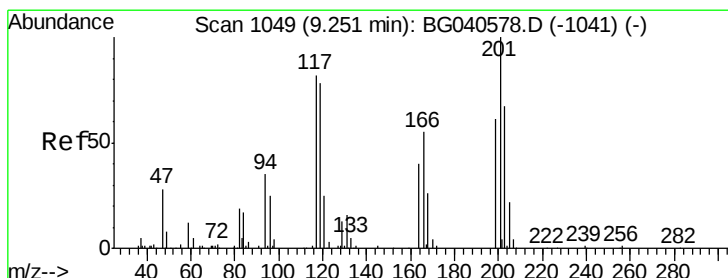
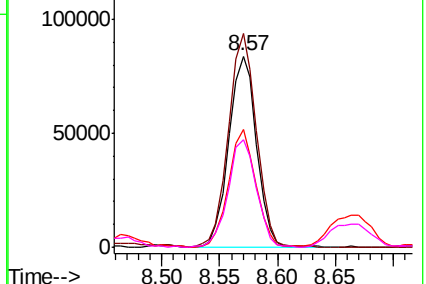
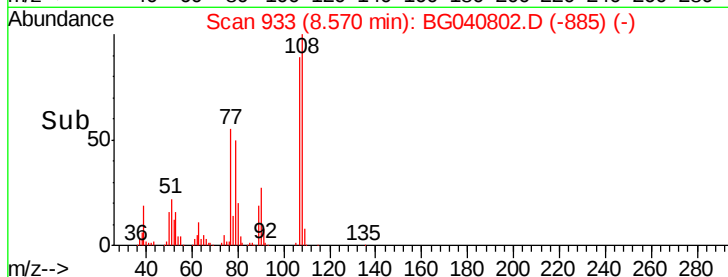
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.481 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

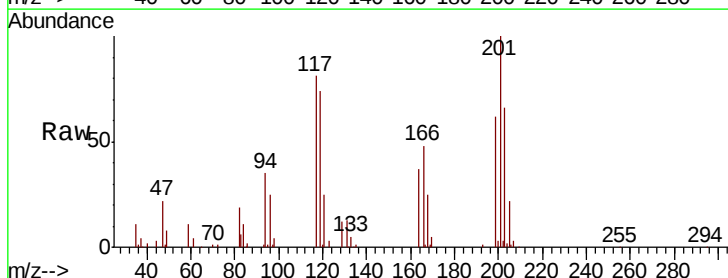
Tgt Ion:117 Resp: 64312

Ion Ratio Lower Upper

117 100

119 92.0 76.6 114.8

201 124.0 101.0 151.6

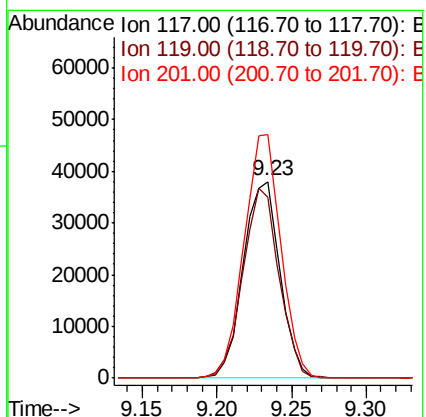
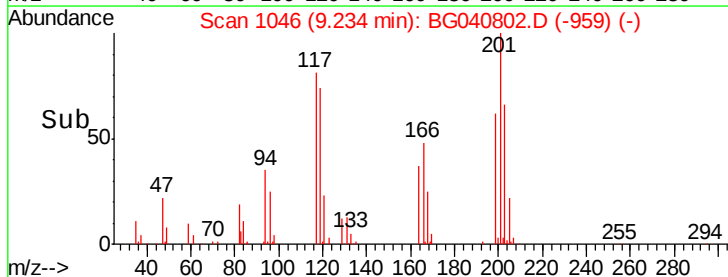


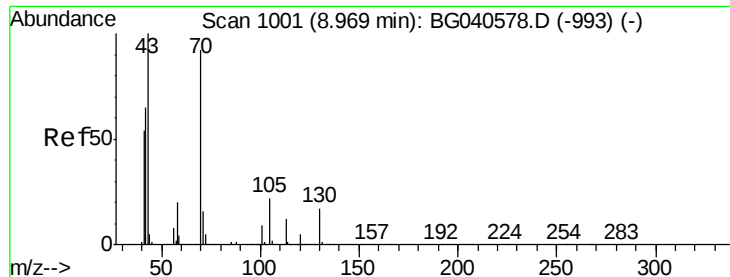
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

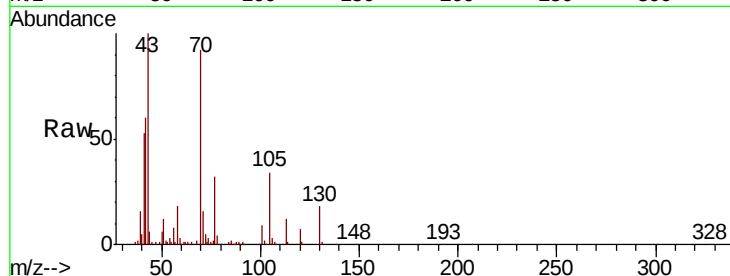




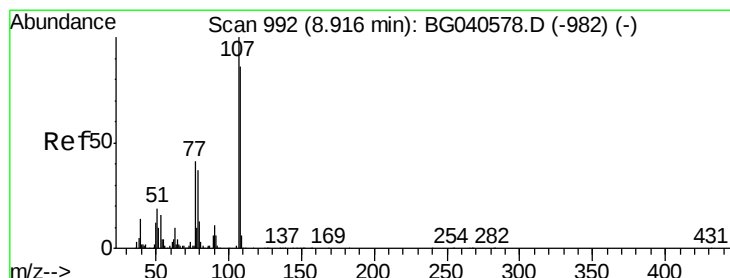
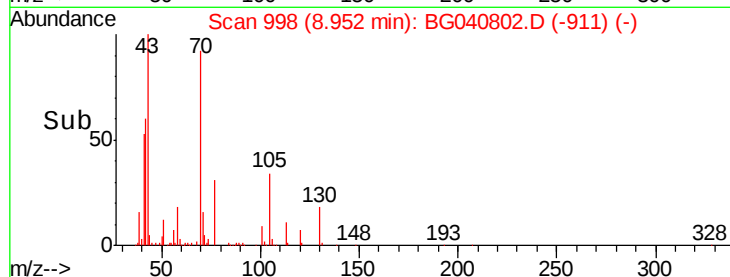
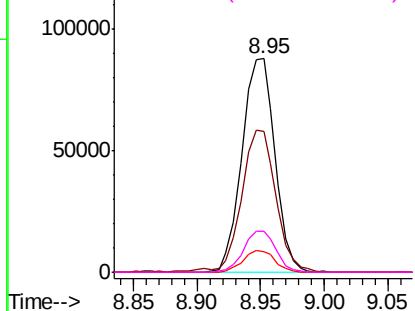
#19
n-Nitroso-di-n-propylamine
Concen: 37.802 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion: 70 Resp: 157998
Ion Ratio Lower Upper
70 100
42 65.8 57.1 85.7
101 9.9 7.8 11.8
130 19.4 14.6 21.8

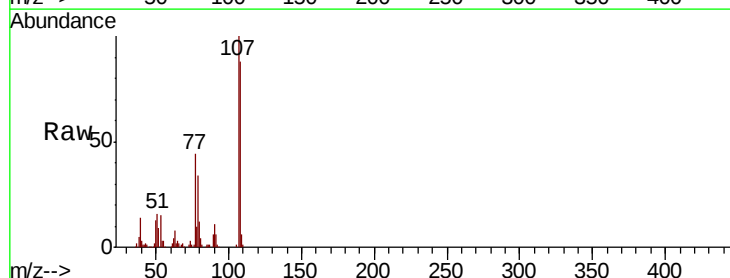


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

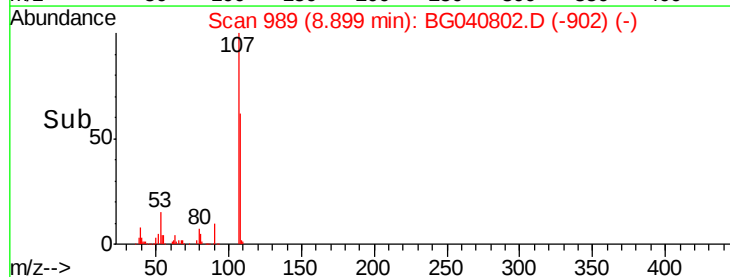
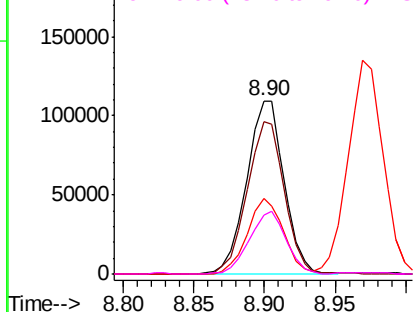


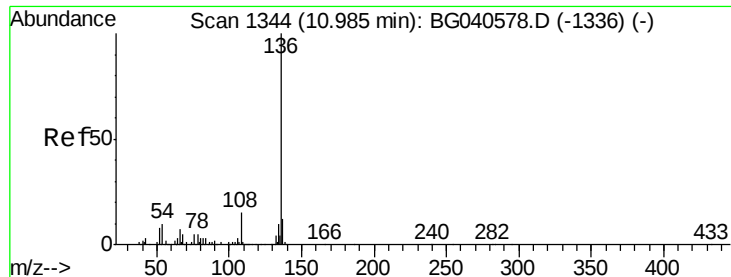
#20
3+4-Methylphenols
Concen: 41.415 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Tgt Ion: 107 Resp: 203783
Ion Ratio Lower Upper
107 100
108 88.3 66.1 106.1
77 43.8 21.6 61.6
79 33.7 17.4 57.4



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

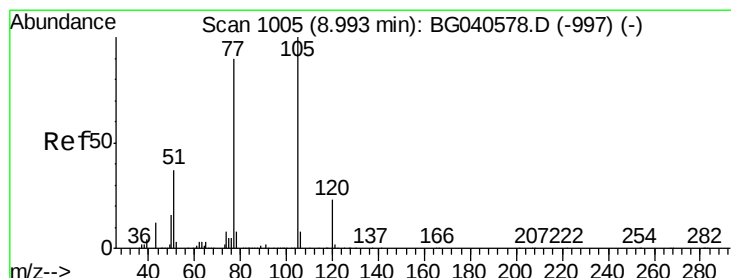
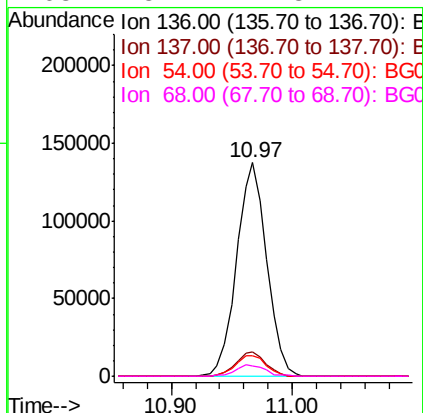
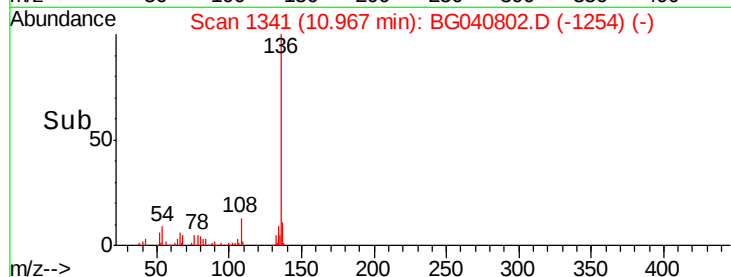
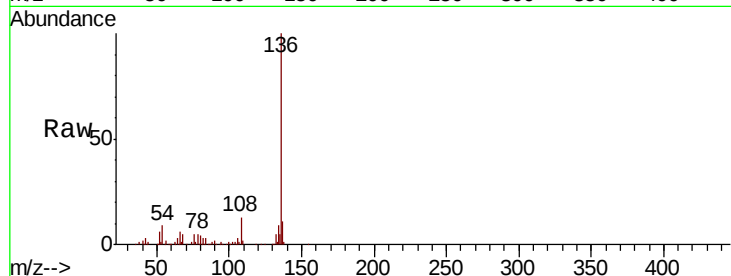




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

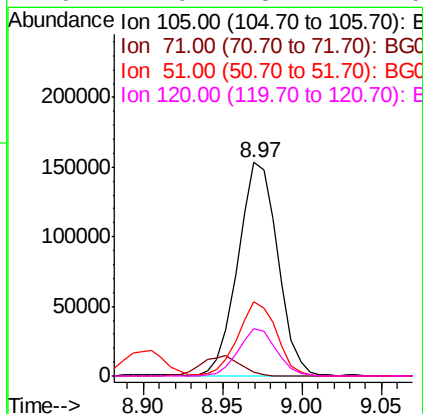
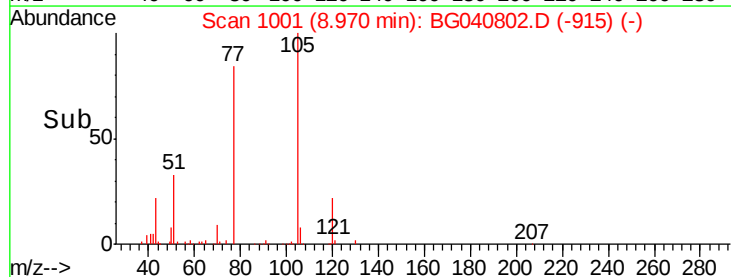
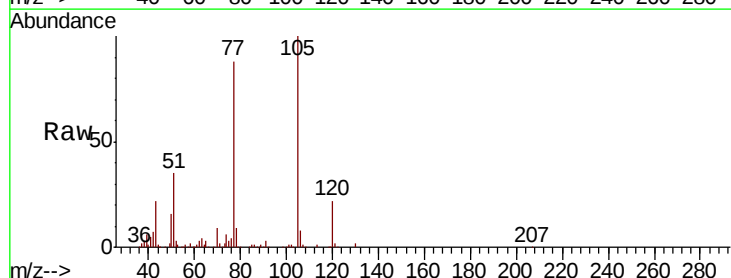
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

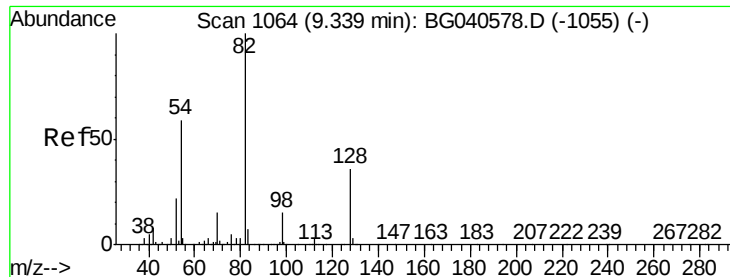
Tot Ion:136	Resp:	237993	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	9.7	14.5	
54 9.3	8.6	12.8	
68 5.1	4.8	7.2	



#22
Acetophenone
Concen: 40.428 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Tgt	Ion:105	Resp:	267551
Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.8	2.8#
51	34.6	29.8	44.8
120	22.0	18.4	27.6

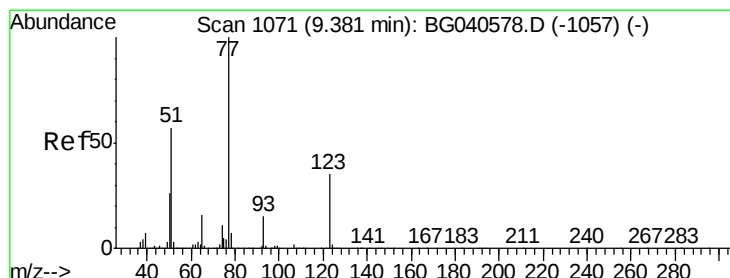
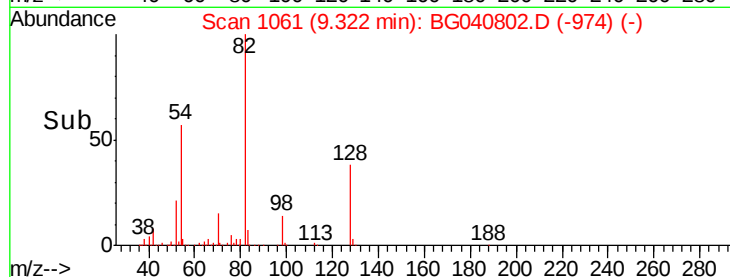
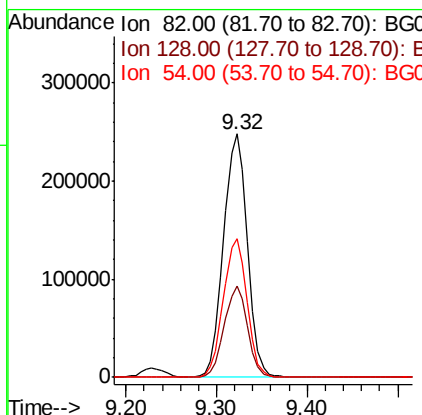
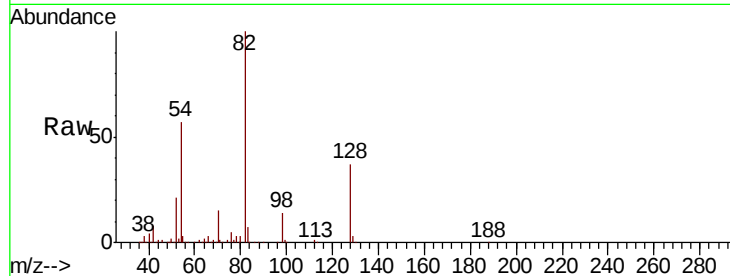




#23
Nitrobenzene-d5
Concen: 87.771 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

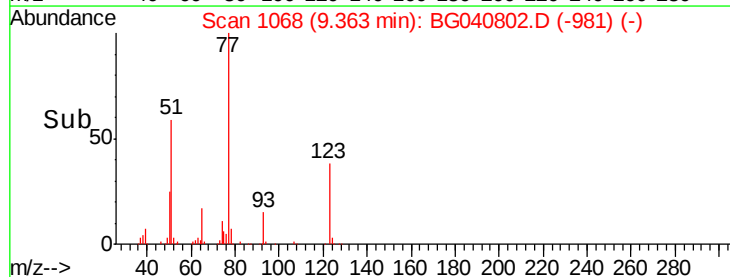
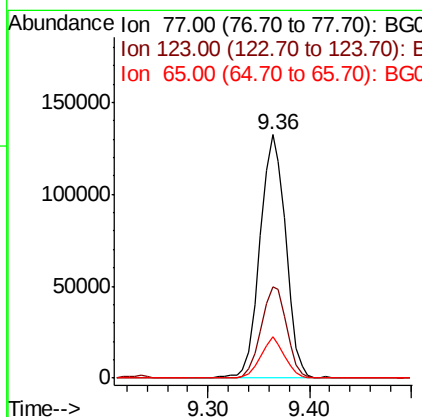
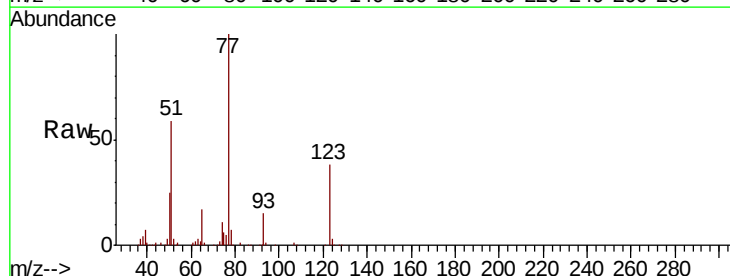
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	82	Resp	452081
Ion Ratio	Lower	Upper	
82	100		
128	37.5	28.9	43.3
54	57.0	47.2	70.8



#24
Nitrobenzene
Concen: 42.445 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Tgt Ion	77	Resp	233254
Ion Ratio	Lower	Upper	
77	100		
123	37.6	27.8	41.6
65	17.1	12.4	18.6

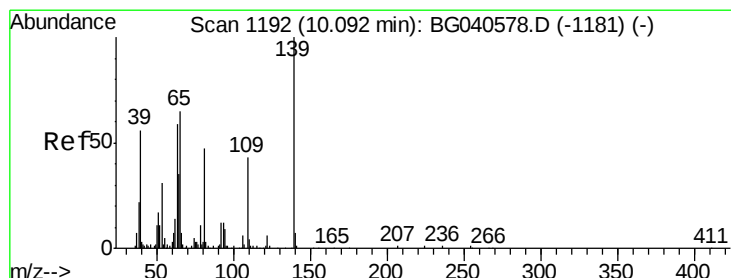
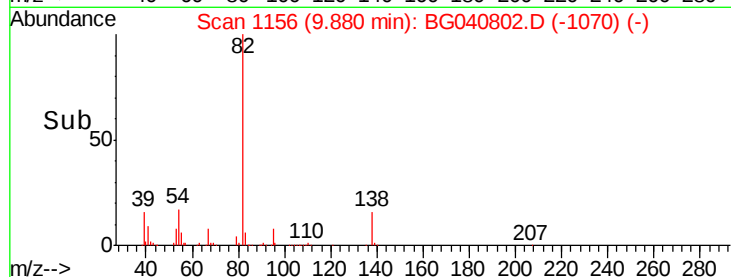
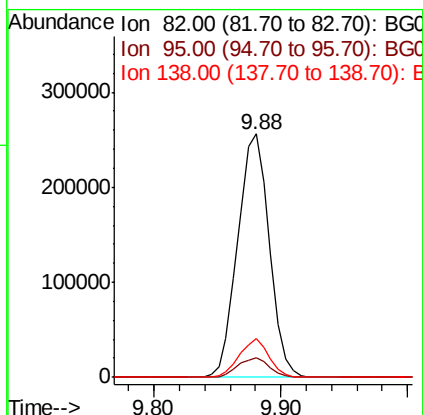
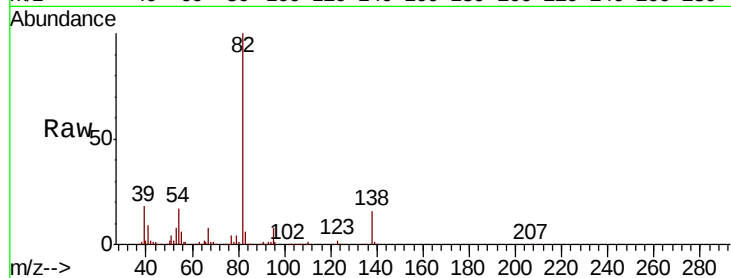




#25
Isophorone
Concen: 38.512 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

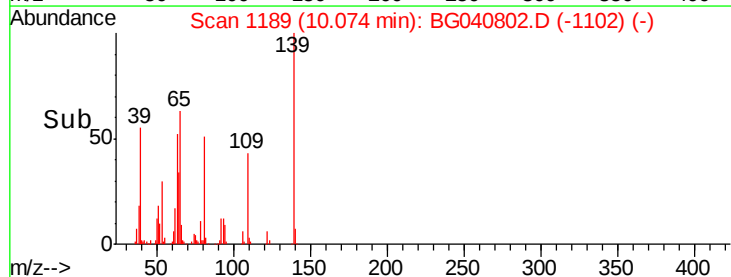
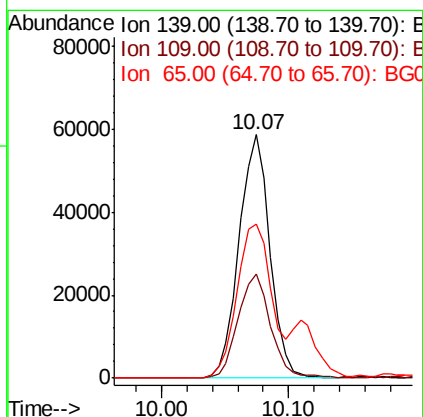
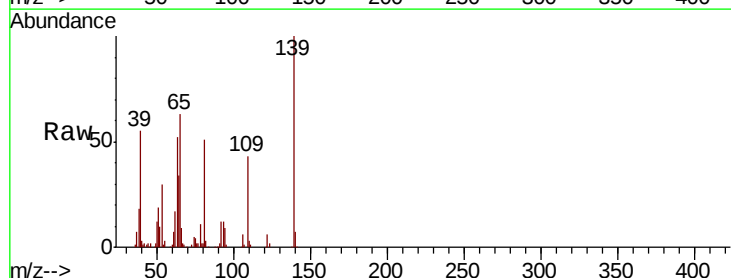
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	82	Resp	441851
Ion Ratio	100	Lower	Upper
95	8.3	6.9	10.3
138	15.8	12.3	18.5



#26
2-Nitrophenol
Concen: 50.215 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Tgt Ion	139	Resp	98918
Ion Ratio	100	Lower	Upper
109	43.0	35.6	53.4
65	63.4	52.3	78.5





#27

2,4-Dimethylphenol

Concen: 40.534 ng

RT: 10.12 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

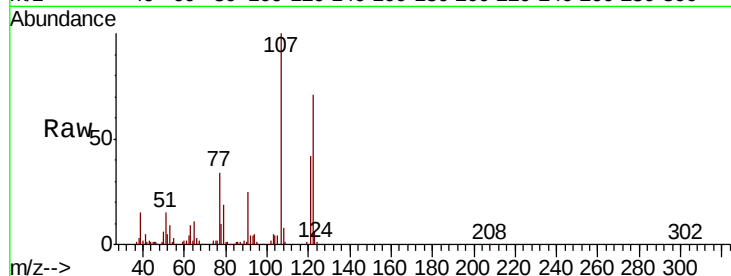
Tot Ion:122 Resp: 149815

Ion Ratio Lower Upper

122 100

107 141.0 110.1 165.1

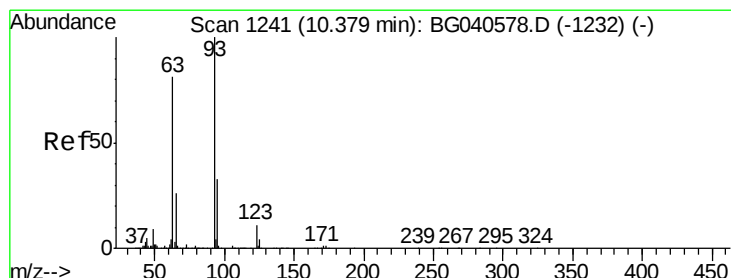
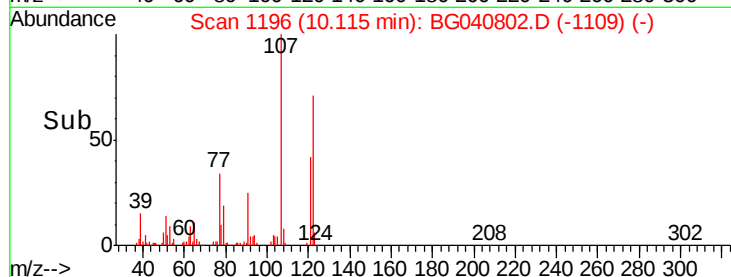
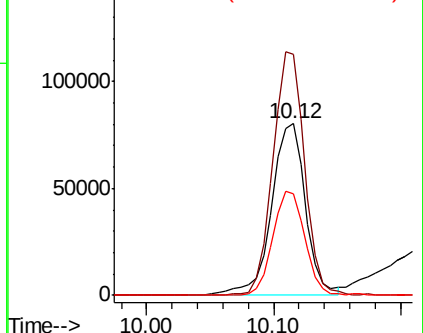
121 59.1 49.4 74.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.124 ng

RT: 10.36 min Scan# 1238

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

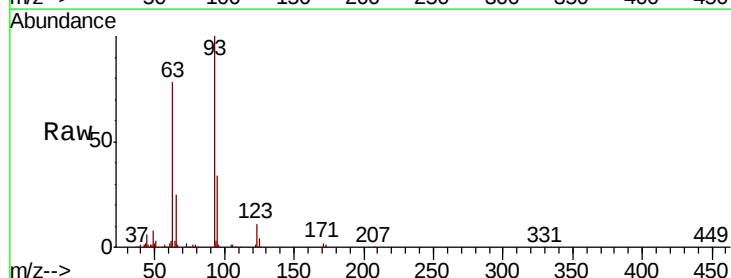
Tgt Ion: 93 Resp: 225210

Ion Ratio Lower Upper

93 100

95 33.7 26.6 40.0

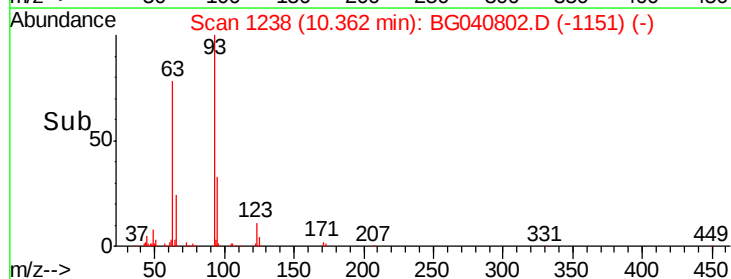
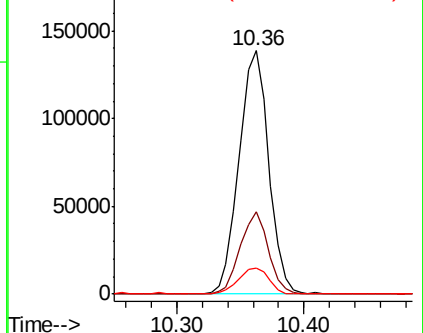
123 10.7 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

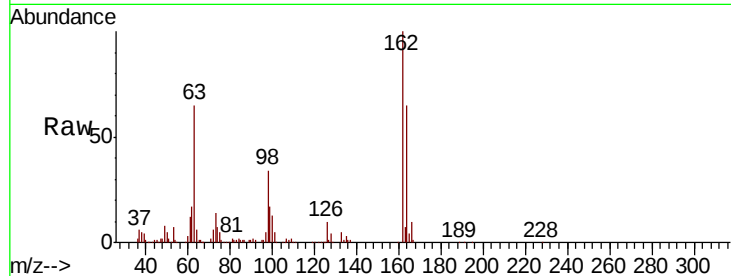




#29
 2,4-Dichlorophenol
 Concen: 44.167 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	38.9	78.9
98	34.5	16.8	56.8

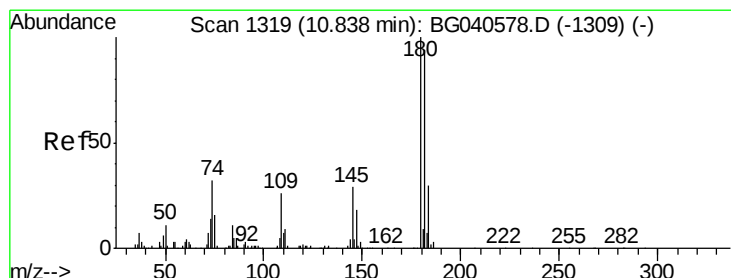
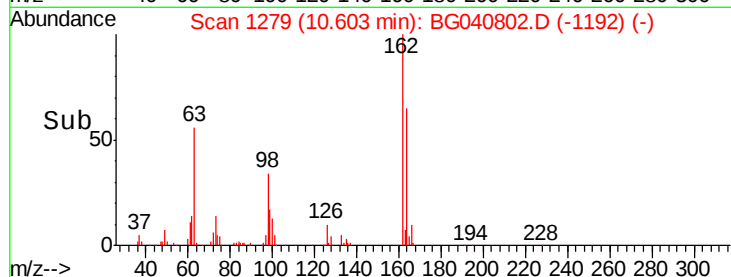
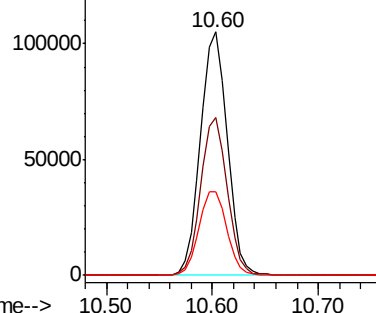


Abundance

Ion 162.00 (161.70 to 162.70): E

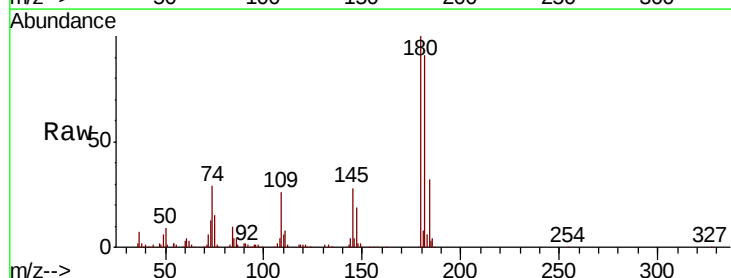
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 43.074 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	75.2	112.8
145	28.4	23.6	35.4

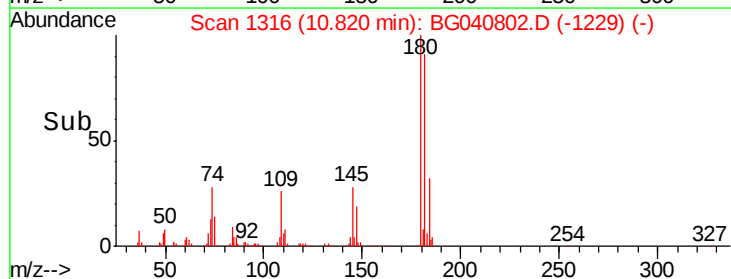
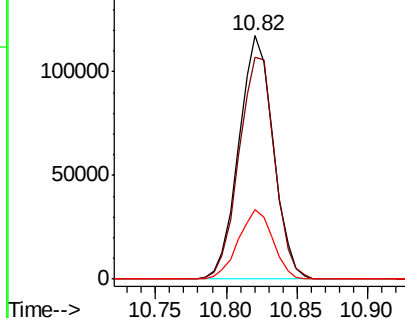


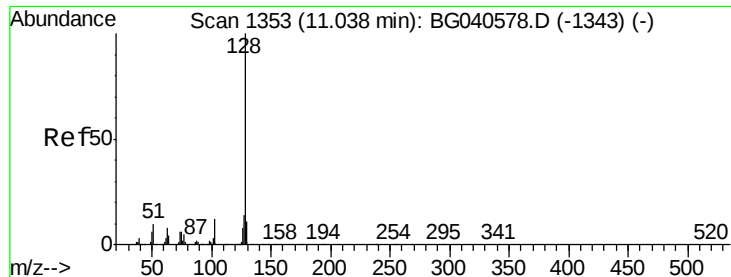
Abundance

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

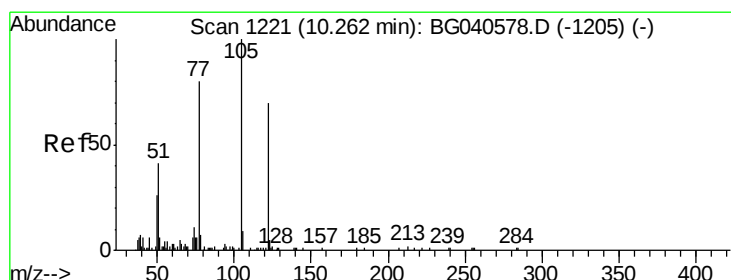
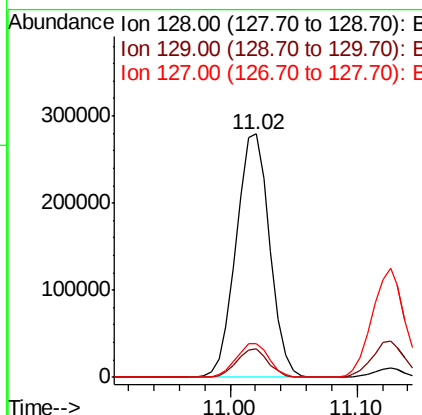
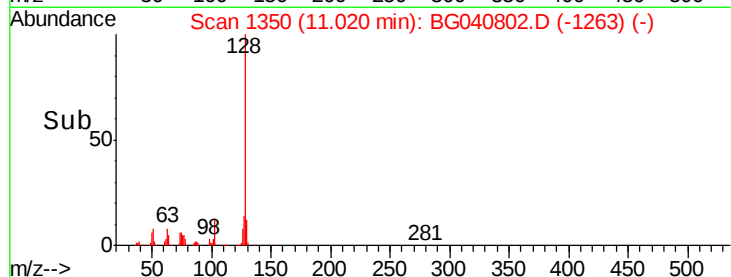
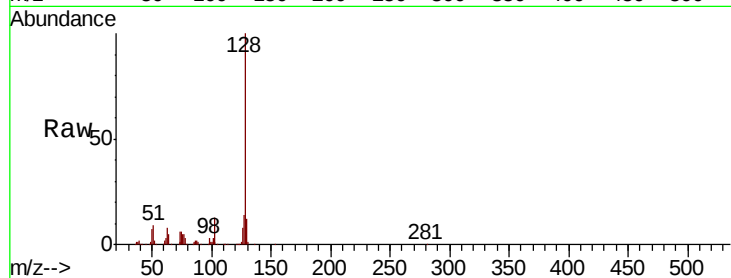




#31
Naphthalene
Concen: 40.501 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

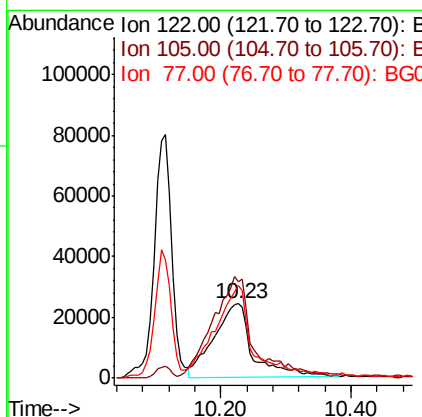
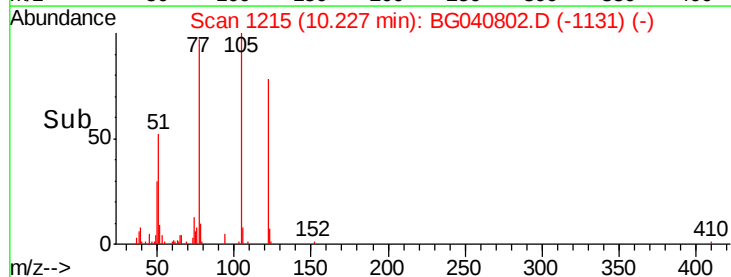
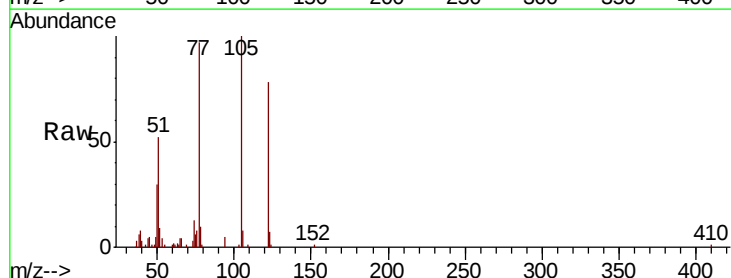
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

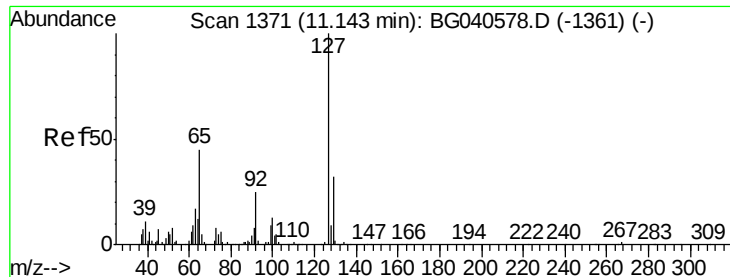
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	14.0	11.3	16.9



#32
Benzoic acid
Concen: 39.302 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.03 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.6	110.9	150.9
77	124.8	87.6	127.6

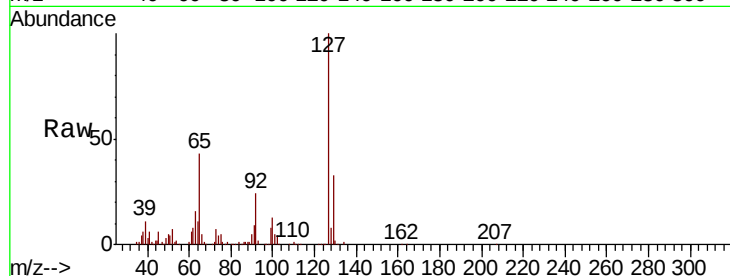




#33
4-Chloroaniline
Concen: 40.225 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	225499
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.7	38.5
65	43.3	36.1	54.1
92	23.8	20.1	30.1



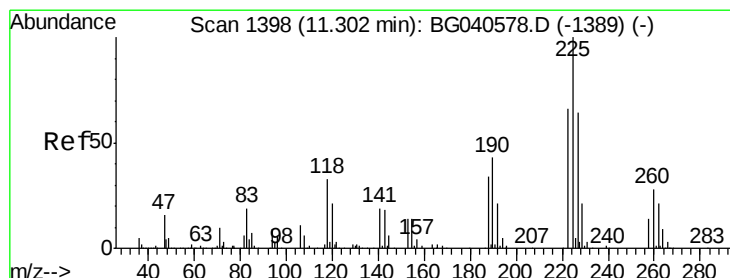
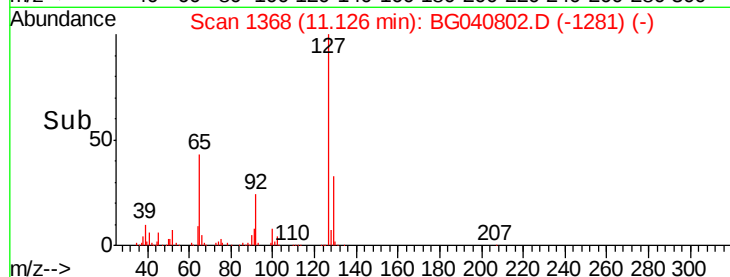
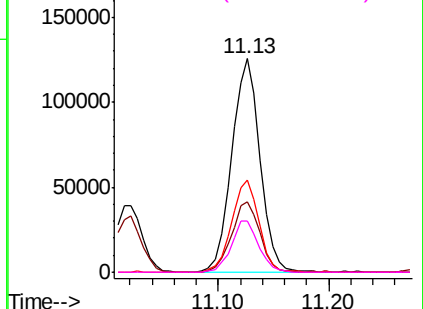
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

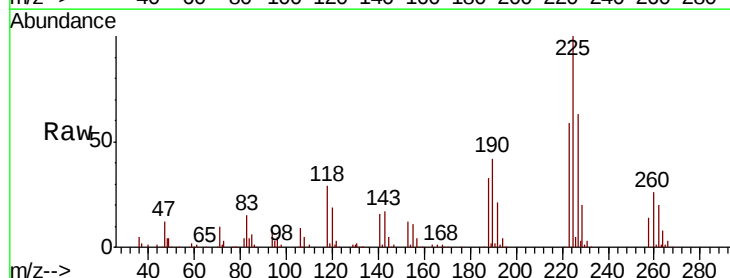
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 44.494 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Tgt Ion:	225	Resp:	153065
Ion	Ratio	Lower	Upper
225	100		
223	58.5	50.4	75.6
227	63.0	51.0	76.6

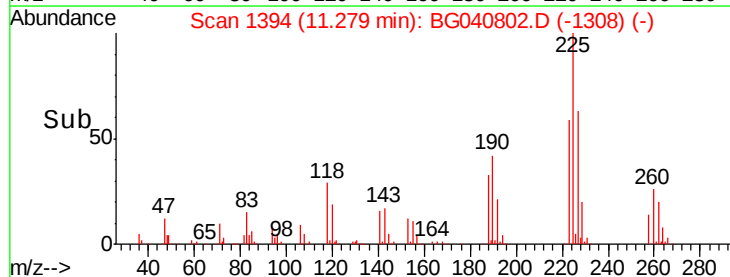
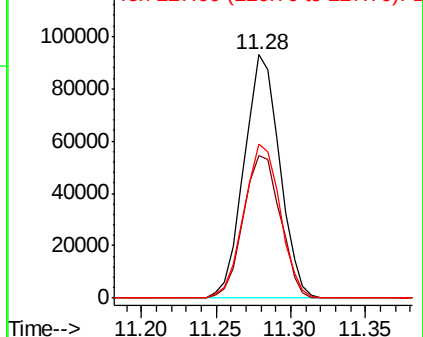


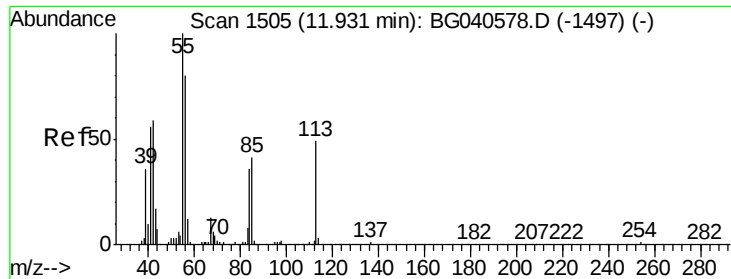
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

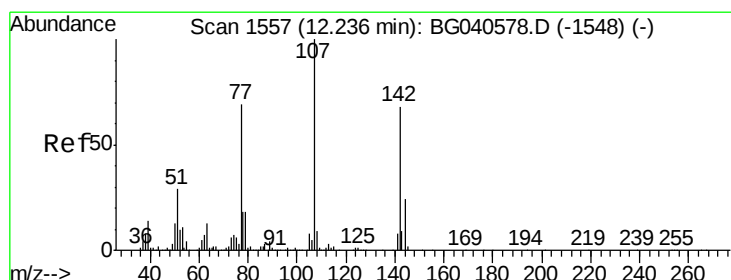
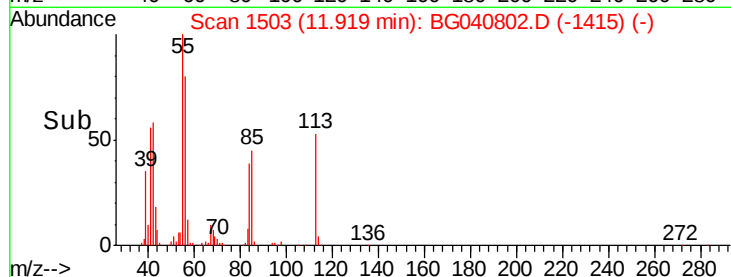
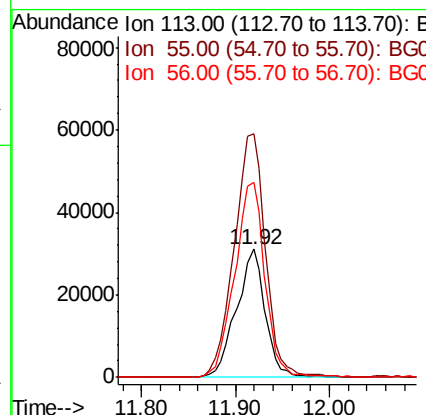
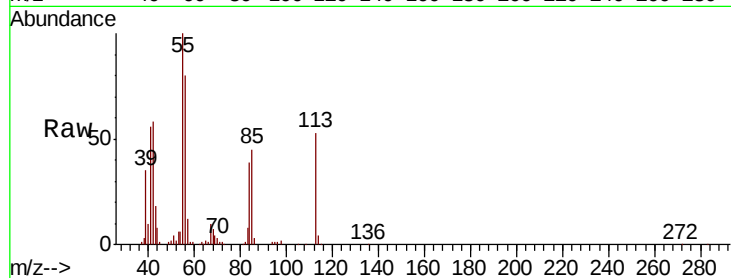




#35
 Caprolactam
 Concen: 39.741 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

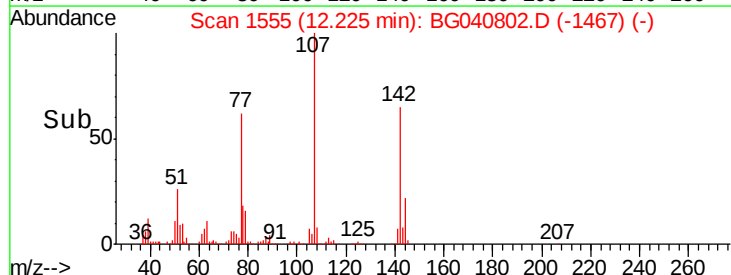
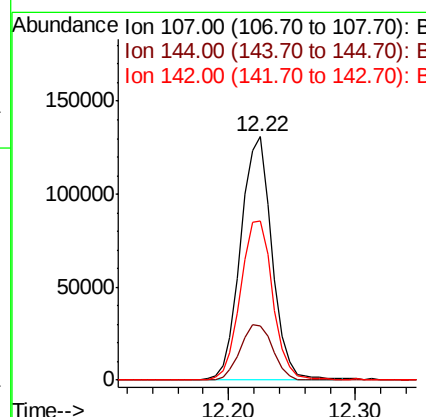
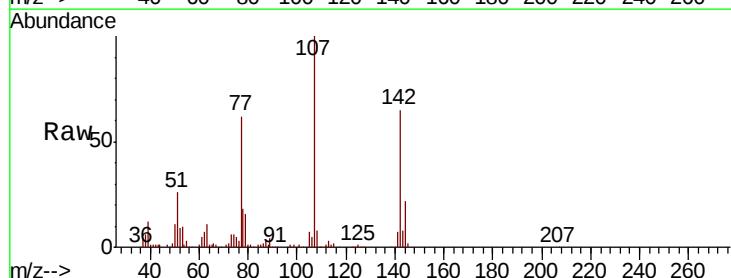
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

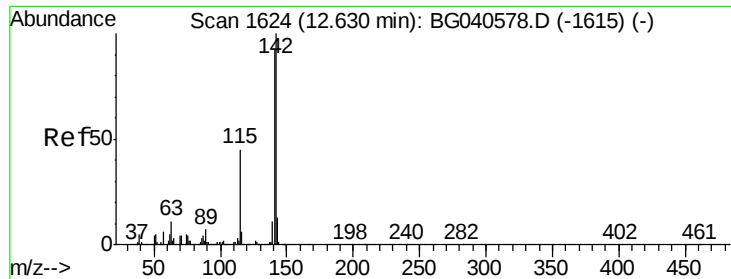
Tot Ion:113 Resp: 65929
 Ion Ratio Lower Upper
 113 100
 55 190.0 198.6 238.6#
 56 151.9 148.4 188.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.225 ng
 RT: 12.22 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

Tgt Ion:107 Resp: 223828
 Ion Ratio Lower Upper
 107 100
 144 22.1 19.3 28.9
 142 65.3 54.6 81.8

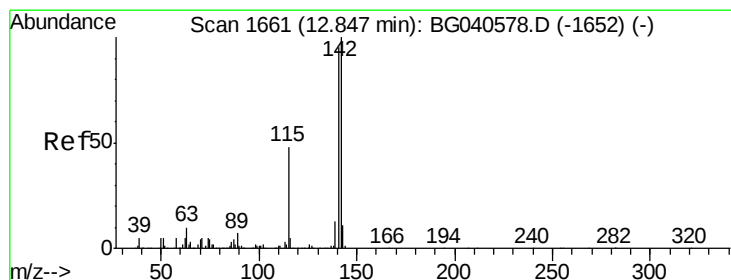
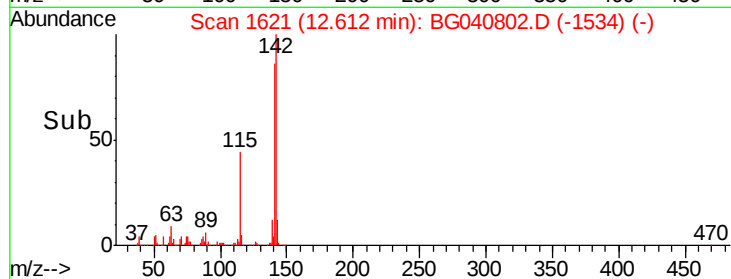
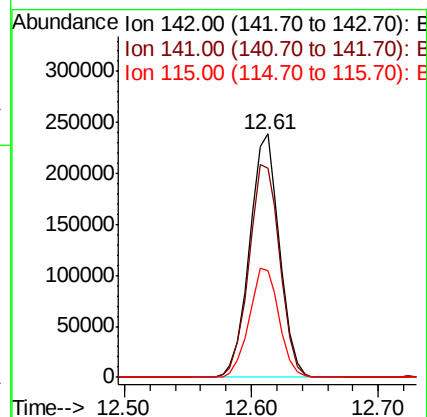
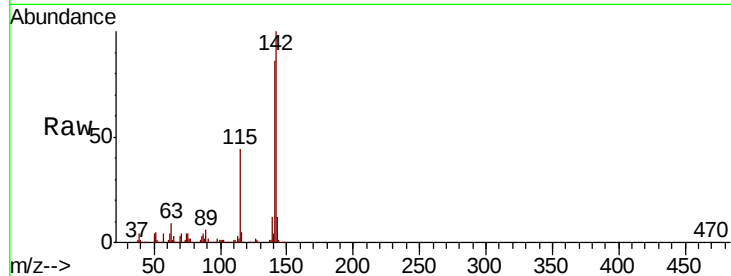




#37
 2-Methylnaphthalene
 Concen: 41.200 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

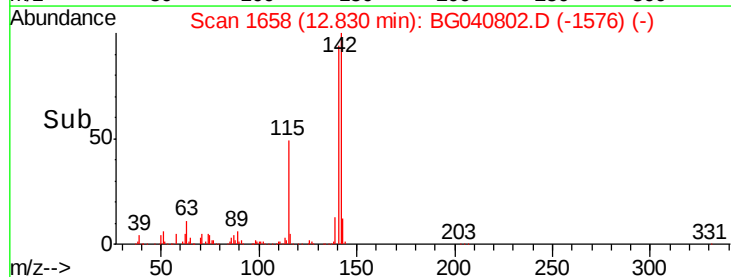
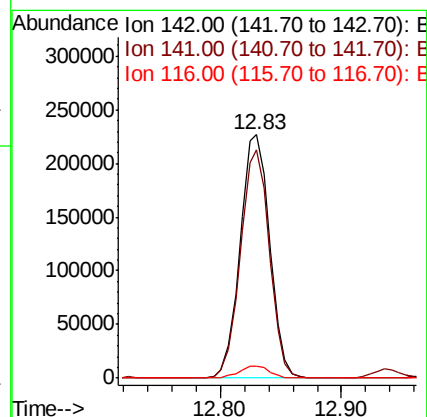
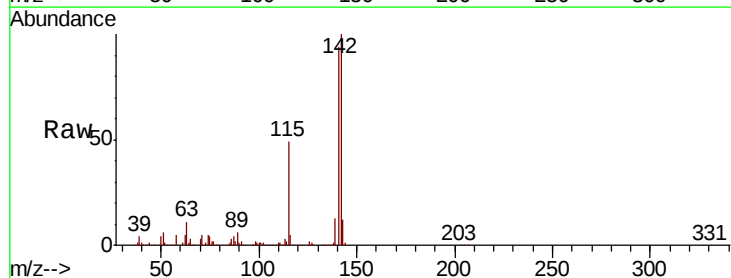
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

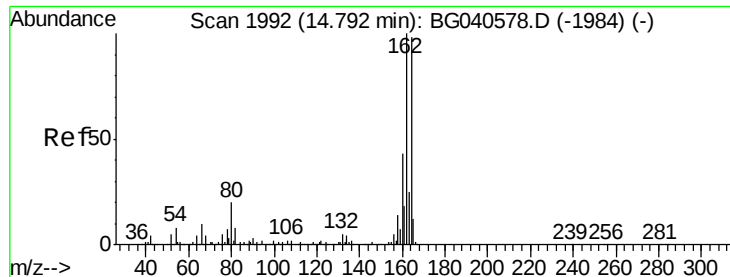
Tot Ion	Ratio	Lower	Upper
142	100		
141	85.7	73.4	110.2
115	43.7	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 41.874 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.9	113.9
116	5.0	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

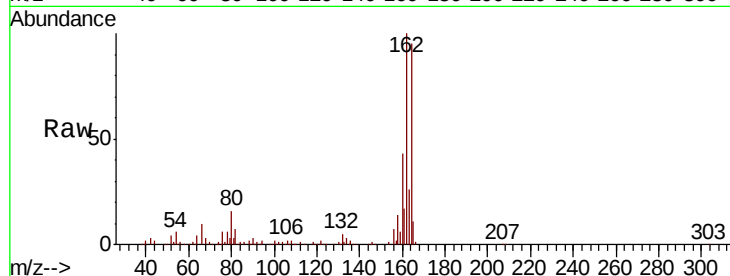
Tot Ion:164 Resp: 174394

Ion Ratio Lower Upper

164 100

162 105.6 81.9 122.9

160 45.7 35.4 53.2

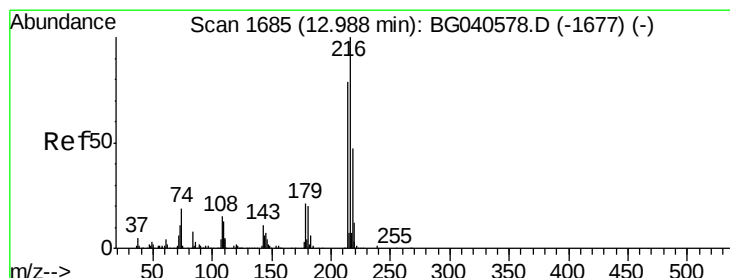
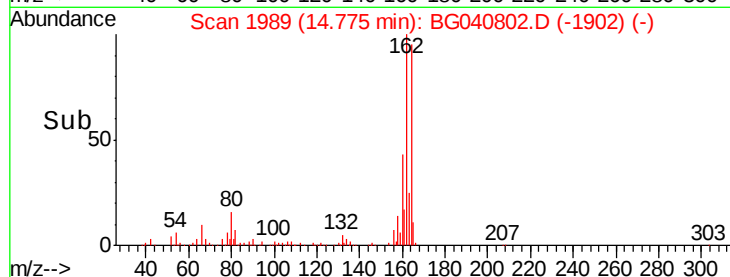
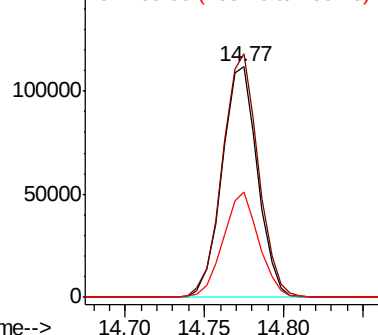


Abundance

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: 43.375 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Tgt Ion:216 Resp: 281793

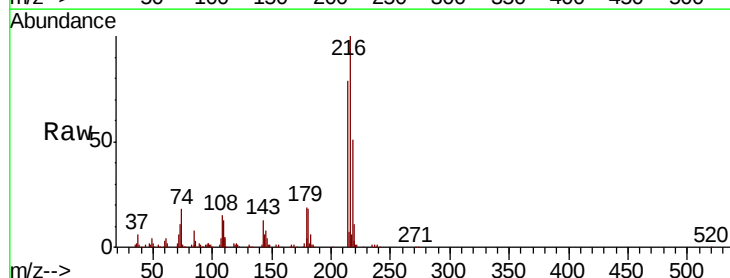
Ion Ratio Lower Upper

216 100

214 78.4 63.7 95.5

179 18.9 16.6 24.8

108 15.5 14.7 22.1



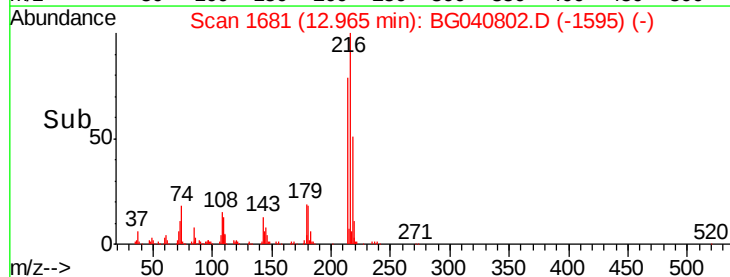
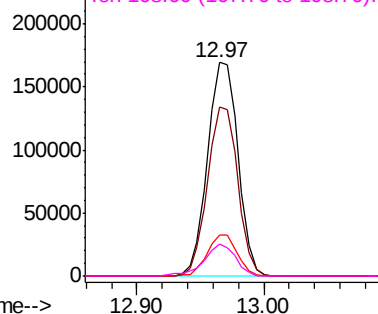
Abundance

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: 32.051 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

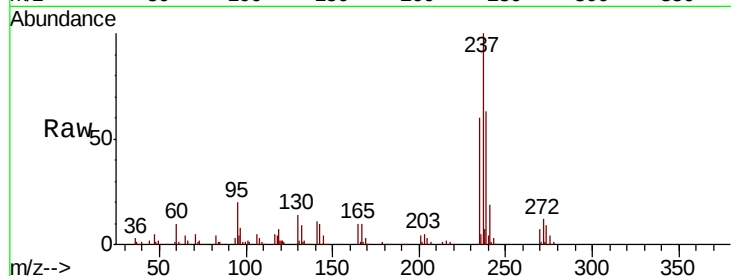
Tot Ion:237 Resp: 122868

Ion Ratio Lower Upper

237 100

235 60.2 42.5 82.5

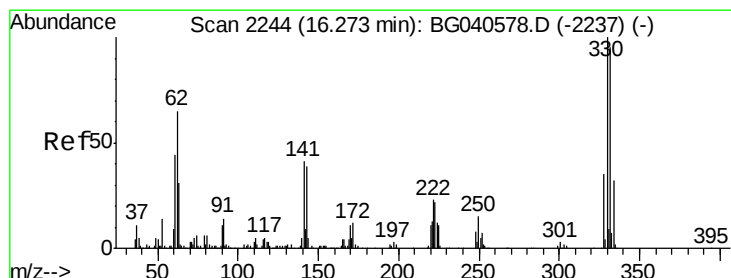
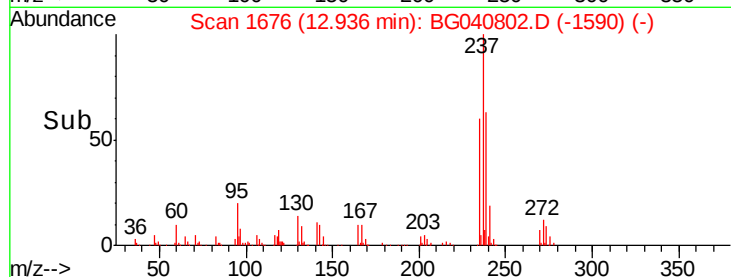
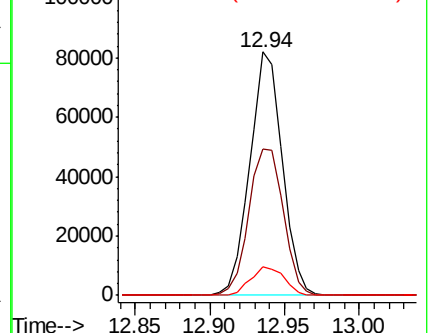
272 11.7 0.0 31.6



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: 90.728 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

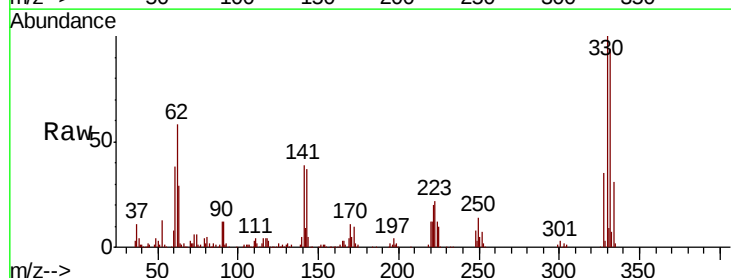
Tgt Ion:330 Resp: 217483

Ion Ratio Lower Upper

330 100

332 95.1 75.9 113.9

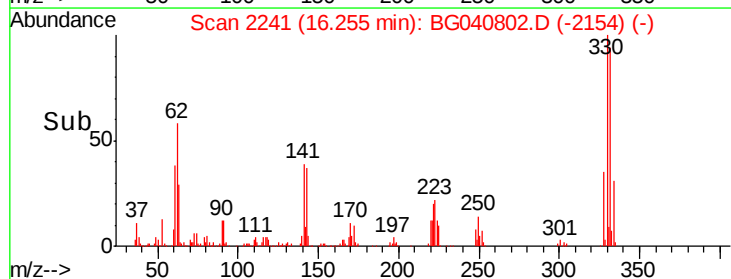
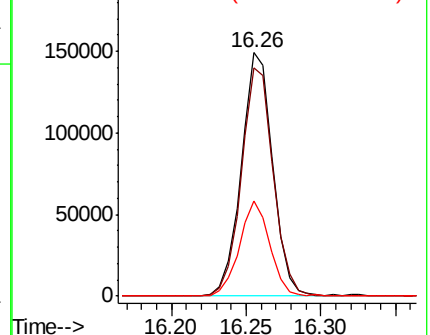
141 38.1 32.4 48.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

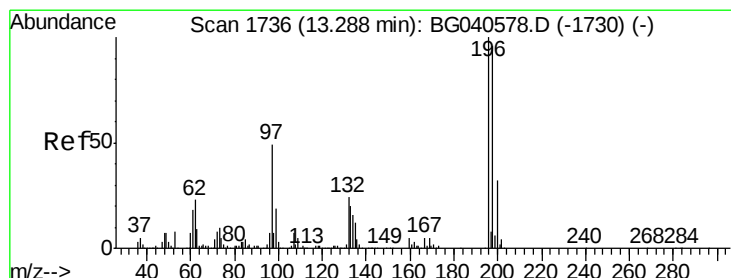
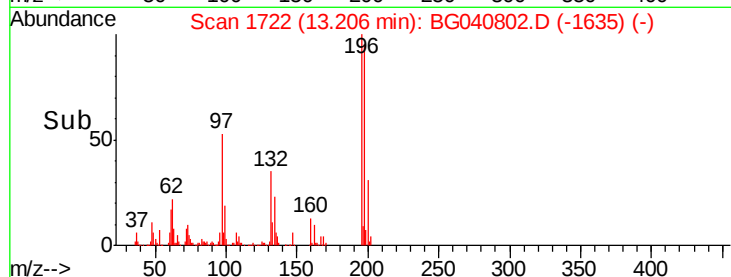
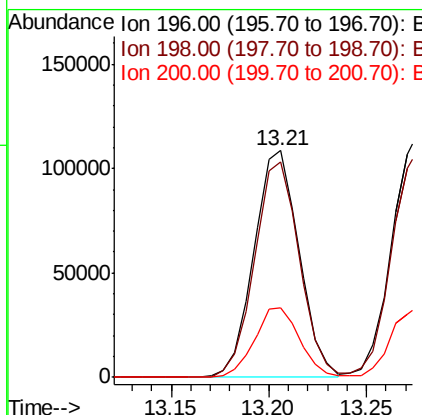
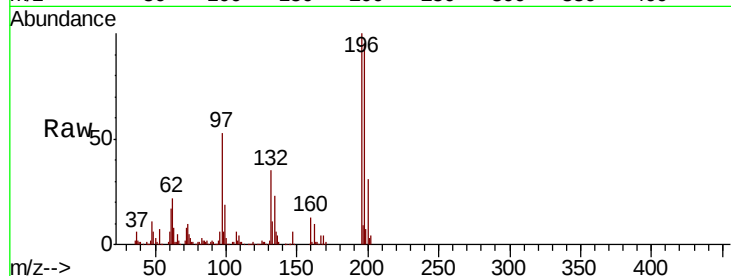




#43
 2,4,6-Trichlorophenol
 Concen: 44.263 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

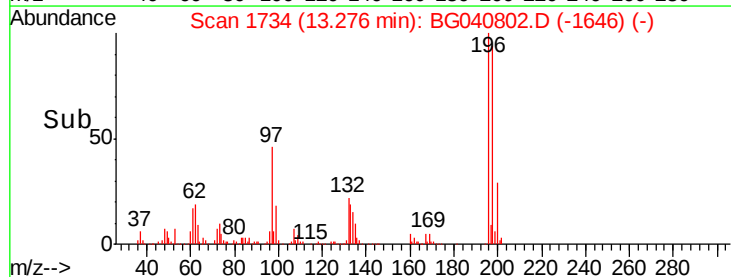
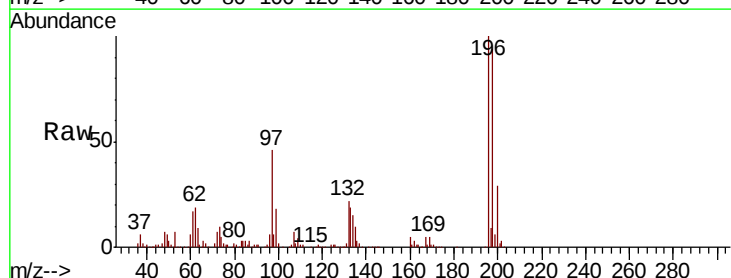
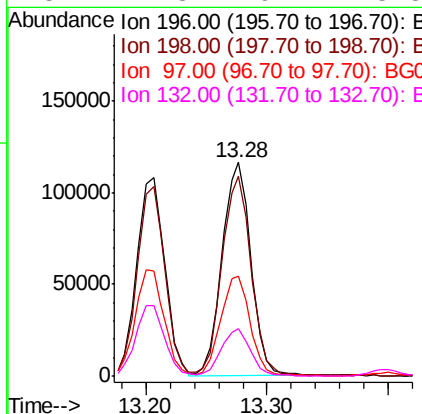
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

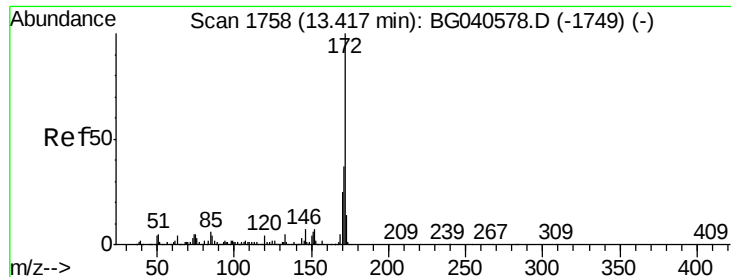
Tot Ion	196	Resp	173773
Ion Ratio	Lower	Upper	
196	100		
198	95.3	74.8	112.2
200	30.7	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.004 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

Tgt Ion	196	Resp	192471
Ion Ratio	Lower	Upper	
196	100		
198	93.6	77.0	115.6
97	46.5	40.0	60.0
132	22.3	19.2	28.8





#45

2-Fluorobiphenyl

Concen: 81.966 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

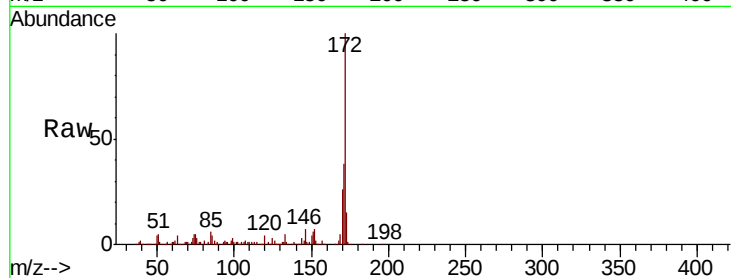
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:172 Resp: 989781

Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	26.1	19.9	29.9

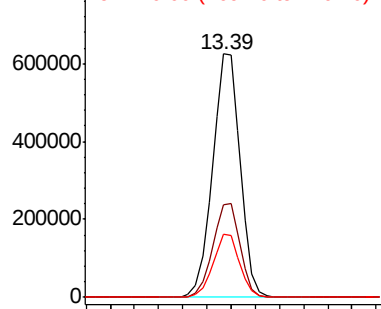


Abundance

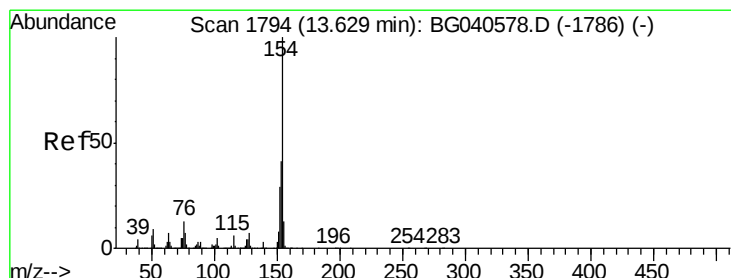
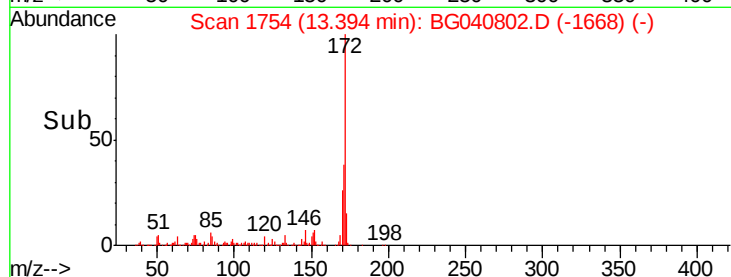
Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time--> 13.30 13.40 13.50



#46

1,1'-Biphenyl

Concen: 39.285 ng

RT: 13.61 min Scan# 1790

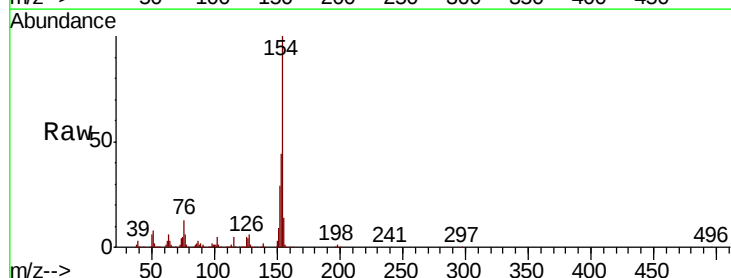
Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Tgt Ion:154 Resp: 531928

Ion	Ratio	Lower	Upper
154	100		
153	43.8	20.5	60.5
76	13.0	0.0	32.5

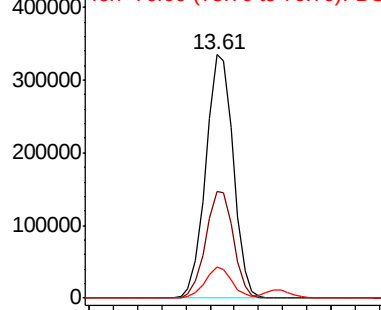


Abundance

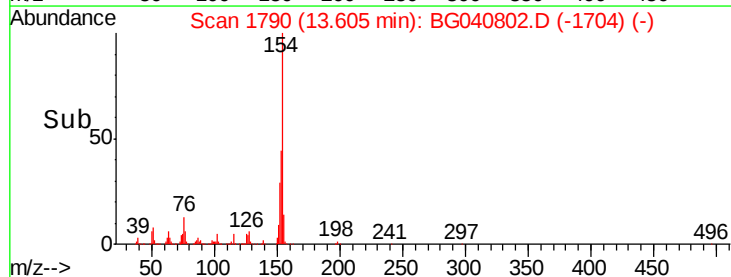
Ion 154.00 (153.70 to 154.70): E

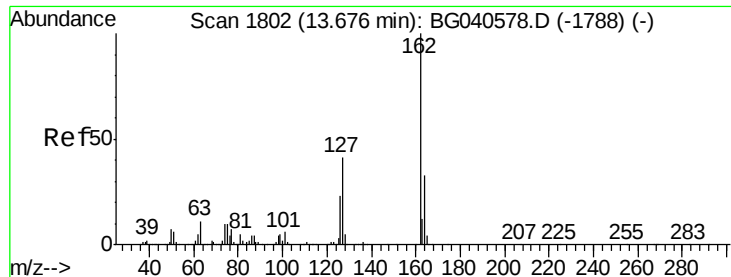
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG



Time--> 13.50 13.60 13.70

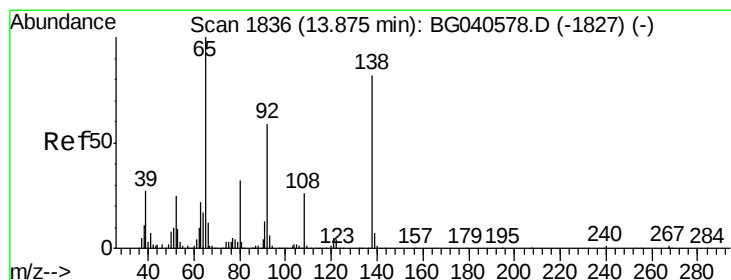
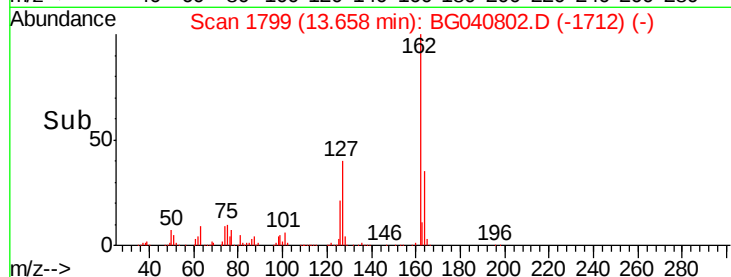
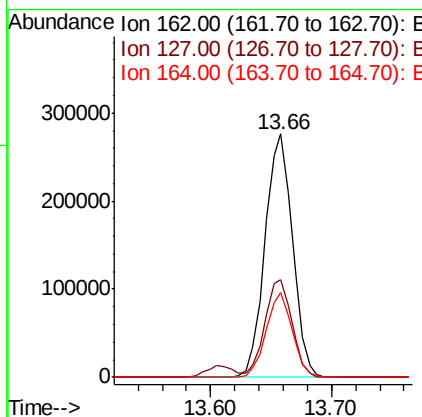
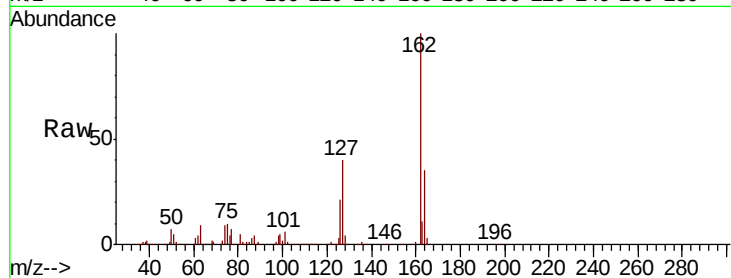




#47
 2-Chloronaphthalene
 Concen: 40.897 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

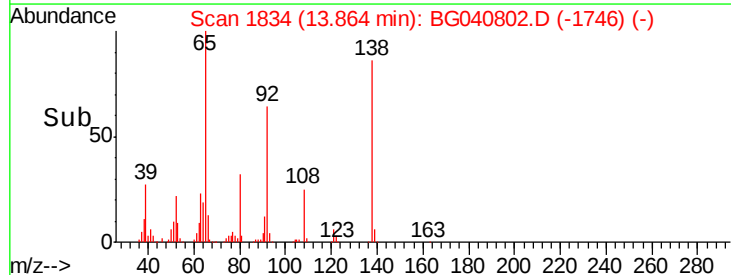
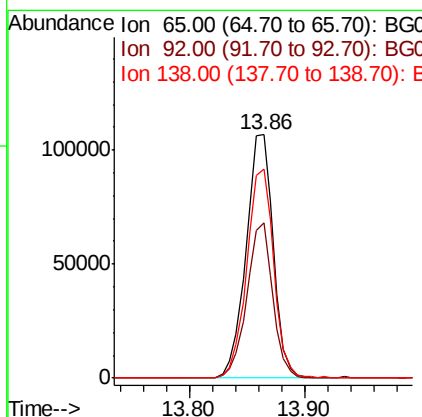
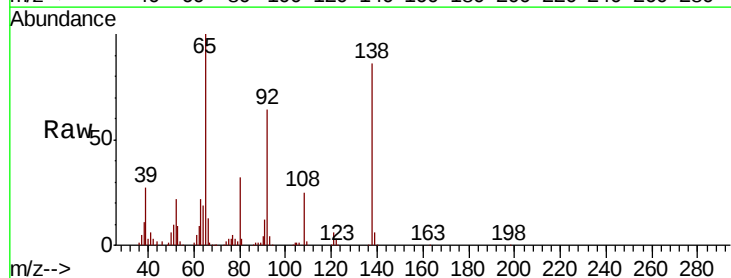
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.0	49.4
164	34.8	26.8	40.2



#48
 2-Nitroaniline
 Concen: 46.306 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	47.4	71.0
138	85.7	66.1	99.1





#49

Acenaphthylene

Concen: 40.025 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

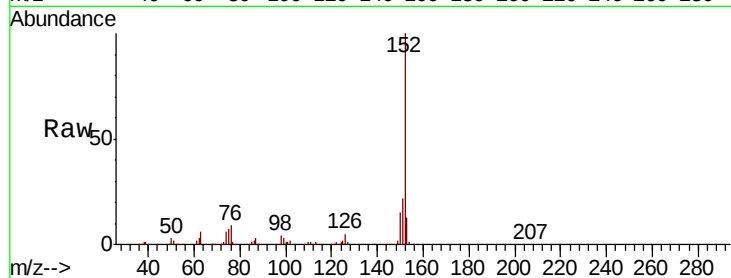
Tot Ion:152 Resp: 719577

Ion Ratio Lower Upper

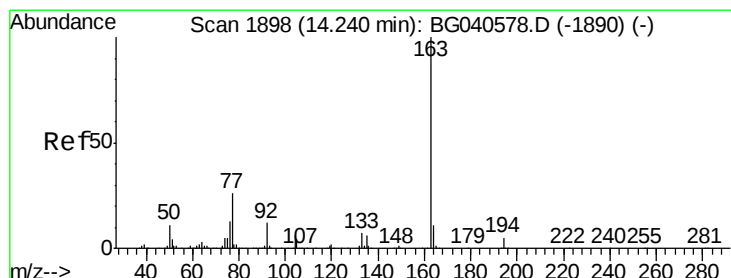
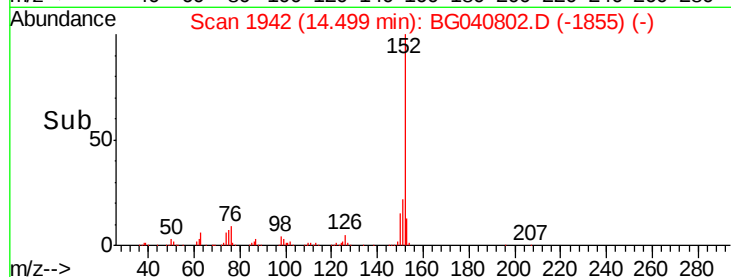
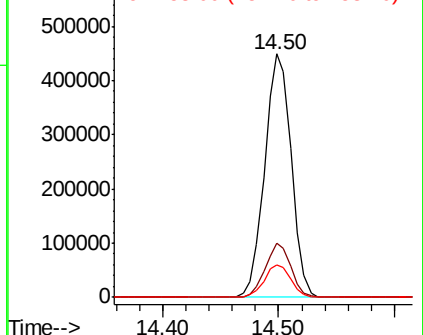
152 100

151 22.1 17.2 25.8

153 13.4 10.7 16.1



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: 40.971 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

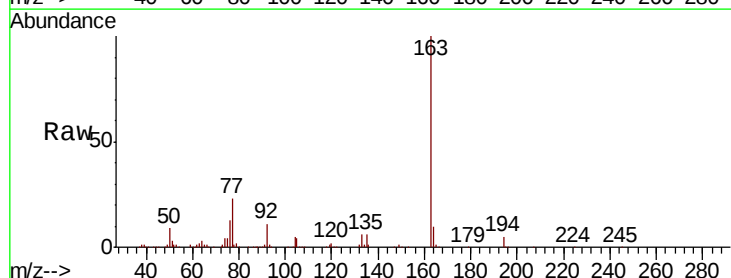
Tgt Ion:163 Resp: 597820

Ion Ratio Lower Upper

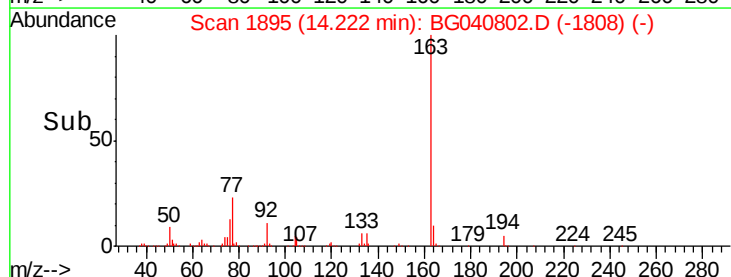
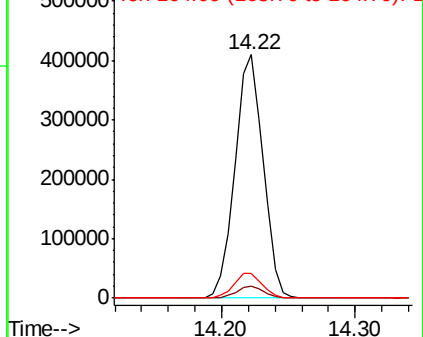
163 100

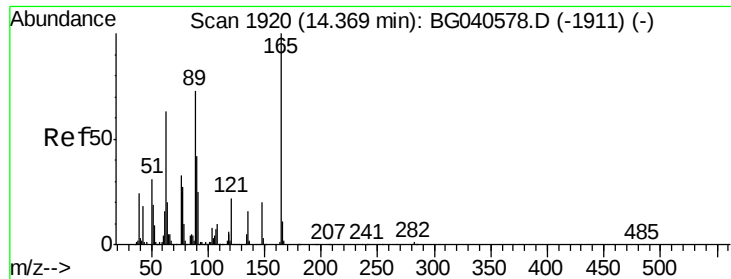
194 5.2 3.8 5.8

164 10.0 8.8 13.2



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: 47.145 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

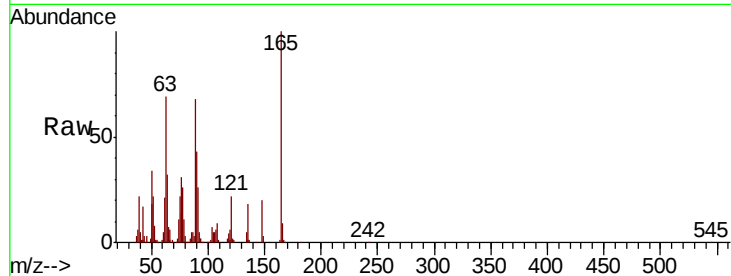
Tot Ion:165 Resp: 134258

Ion Ratio Lower Upper

165 100

63 69.0 61.0 91.4

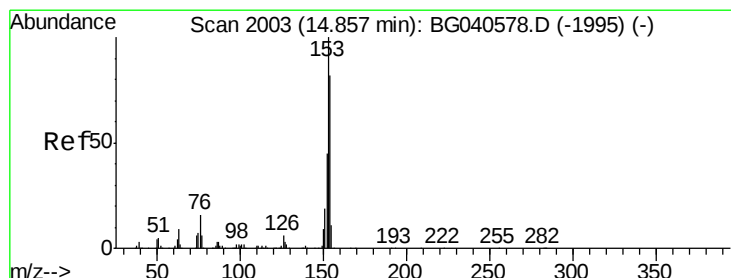
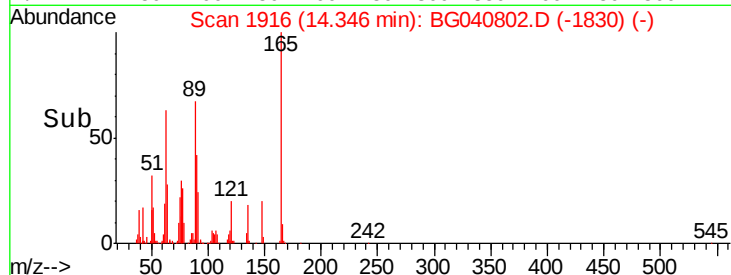
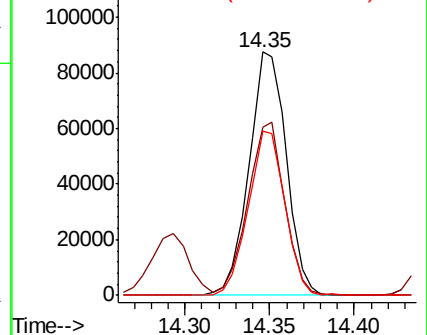
89 67.5 58.6 87.8



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: 39.222 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

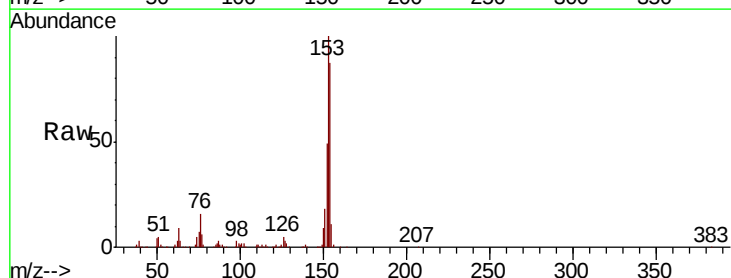
Tgt Ion:154 Resp: 410645

Ion Ratio Lower Upper

154 100

153 114.3 97.0 145.6

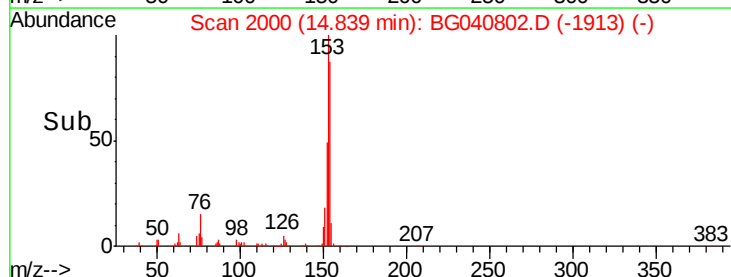
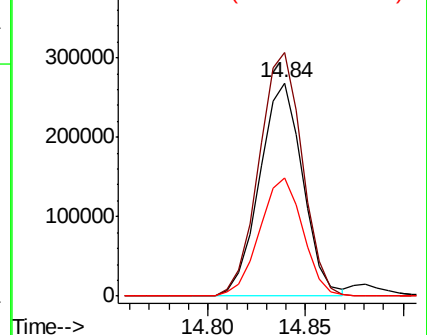
152 55.5 44.1 66.1



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

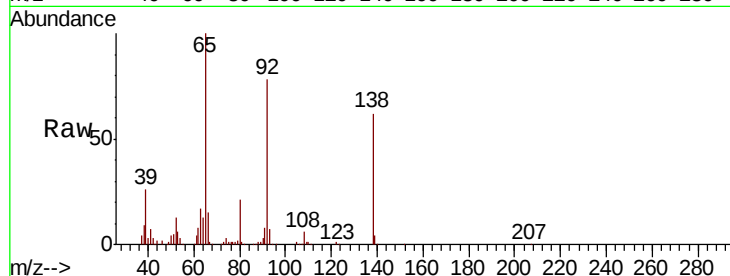




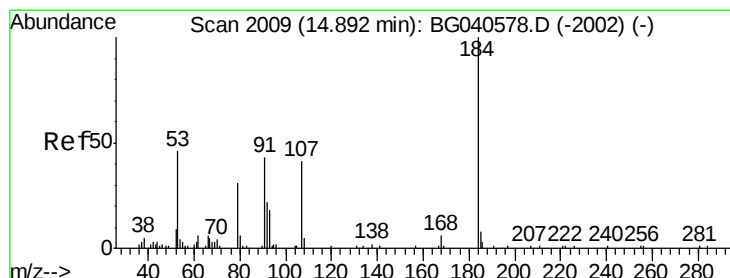
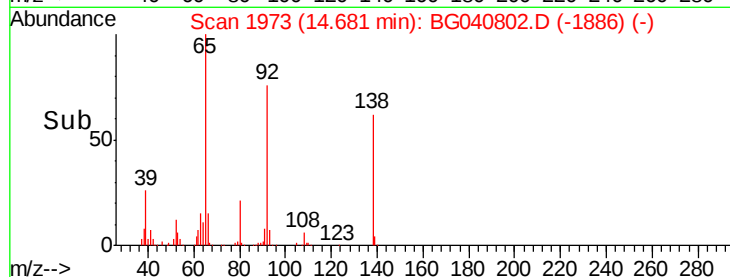
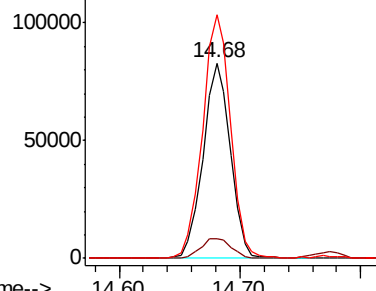
#53
3-Nitroaniline
Concen: 44.826 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 130797
Ion Ratio Lower Upper
138 100
108 10.3 12.4 18.6#
92 124.8 108.6 162.8

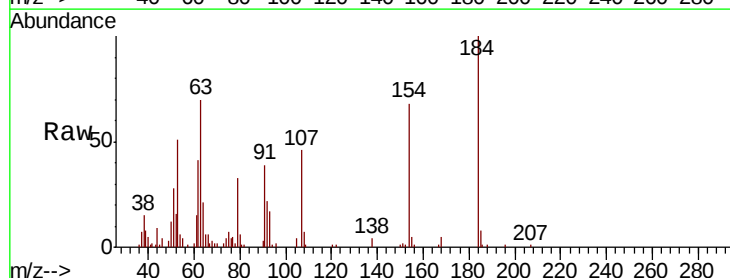


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

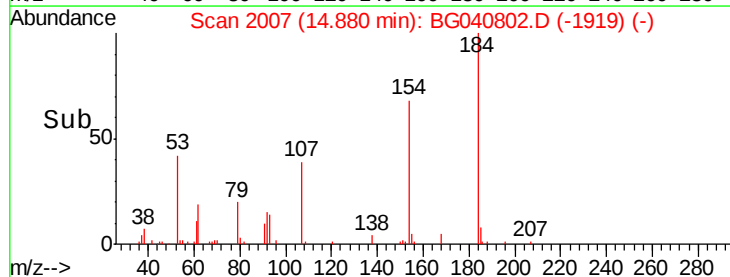
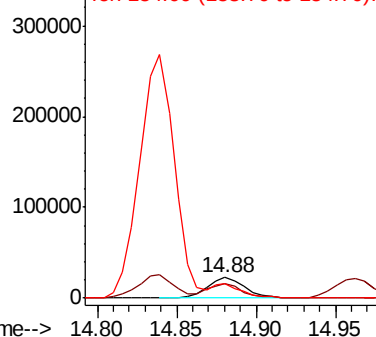


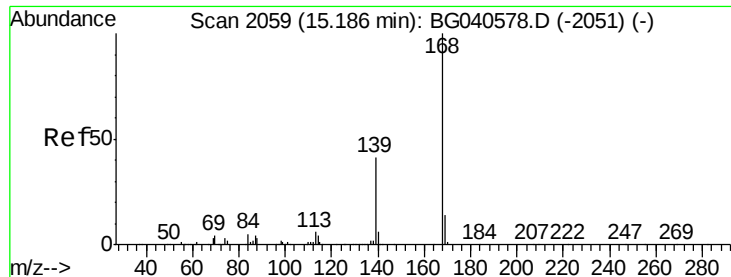
#54
2,4-Dinitrophenol
Concen: 27.862 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Tgt Ion:184 Resp: 36702
Ion Ratio Lower Upper
184 100
63 69.9 51.8 77.6
154 68.3 43.6 65.4#



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: 41.531 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

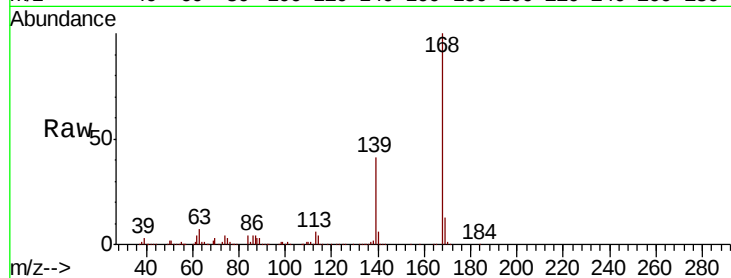
Tot Ion:168 Resp: 712200

Ion Ratio Lower Upper

168 100

139 41.5 33.0 49.4

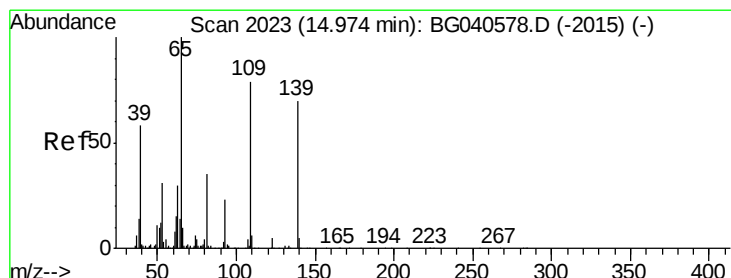
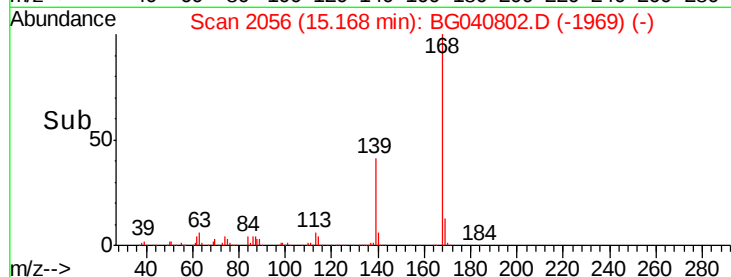
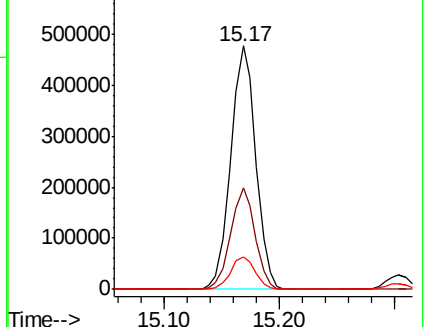
169 13.3 11.0 16.4



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: 34.757 ng

RT: 14.96 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

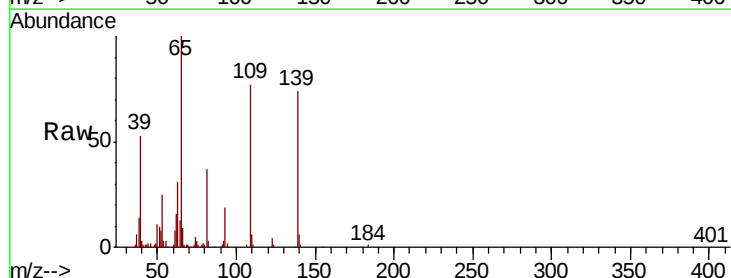
Tgt Ion:139 Resp: 87938

Ion Ratio Lower Upper

139 100

109 103.2 93.8 133.8

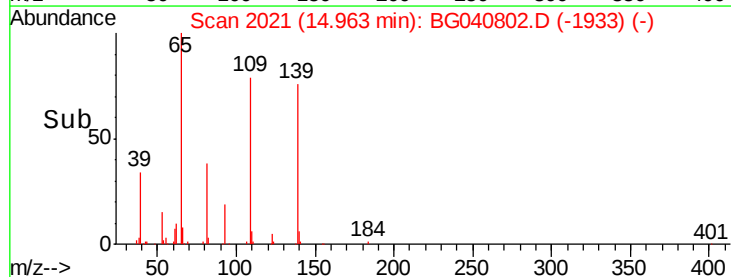
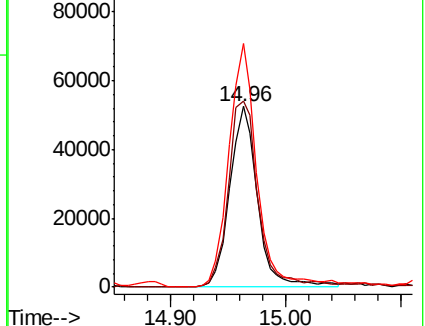
65 134.8 122.7 162.7



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

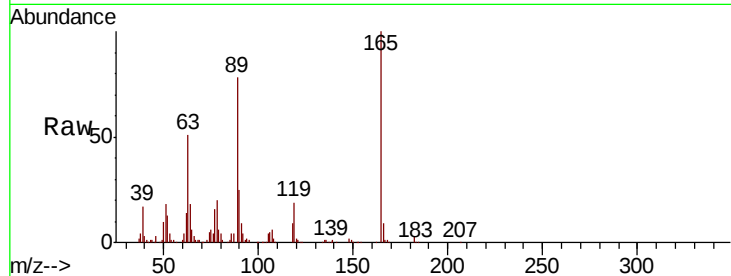




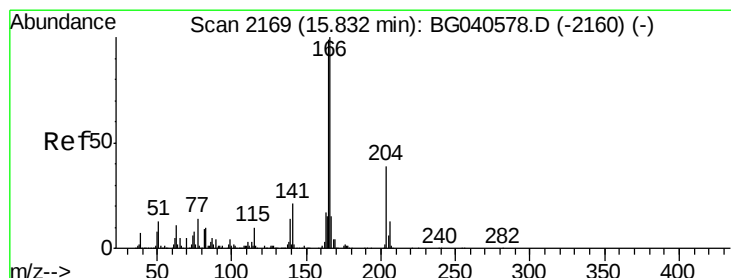
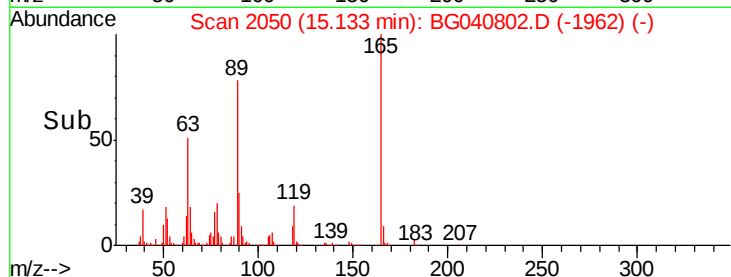
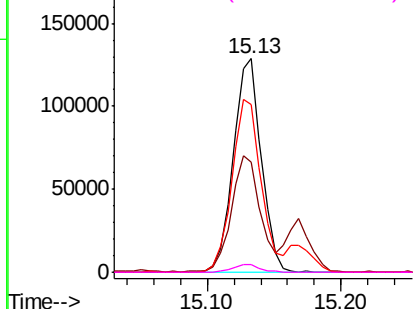
#57
 2,4-Dinitrotoluene
 Concen: 48.401 ng
 RT: 15.13 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:165 Resp: 187294
 Ion Ratio Lower Upper
 165 100
 63 51.4 45.8 68.8
 89 78.3 69.4 104.2
 182 3.5 2.2 3.4#

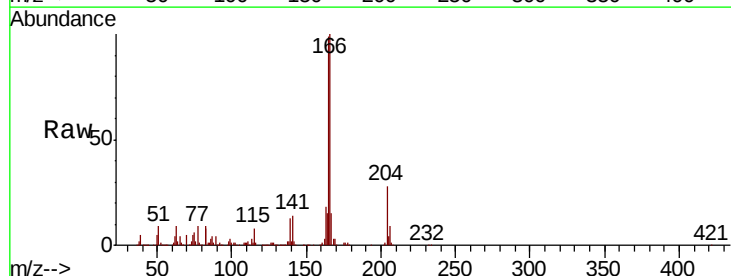


Abundance Ion 165.00 (164.70 to 165.70): E
 200000 Ion 63.00 (62.70 to 63.70): BGC
 150000 Ion 89.00 (88.70 to 89.70): BGC
 100000 Ion 182.00 (181.70 to 182.70): E

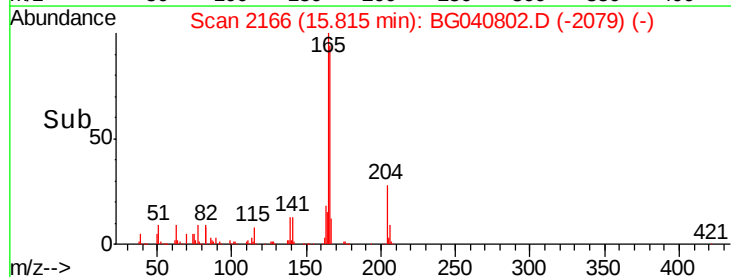
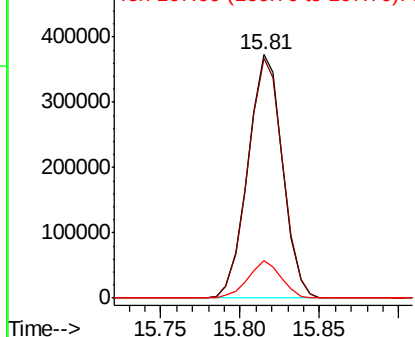


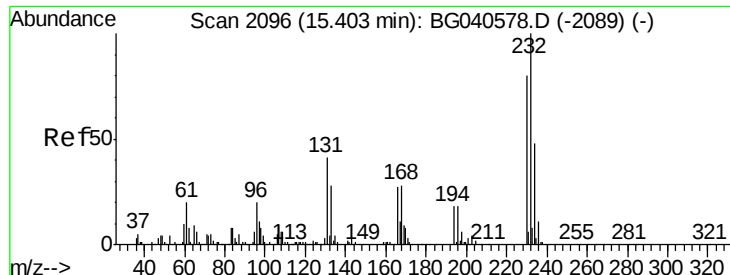
#58
 Fluorene
 Concen: 40.765 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.02 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

Tgt Ion:166 Resp: 565027
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.6 119.4
 167 15.2 12.2 18.2



Abundance Ion 166.00 (165.70 to 166.70): E
 500000 Ion 165.00 (164.70 to 165.70): E
 400000 Ion 167.00 (166.70 to 167.70): E

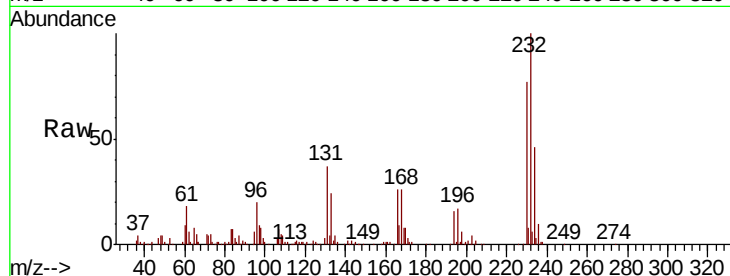




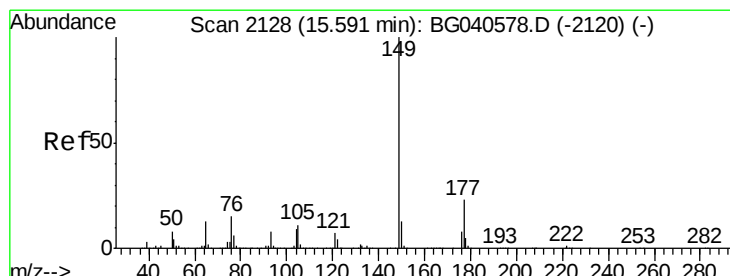
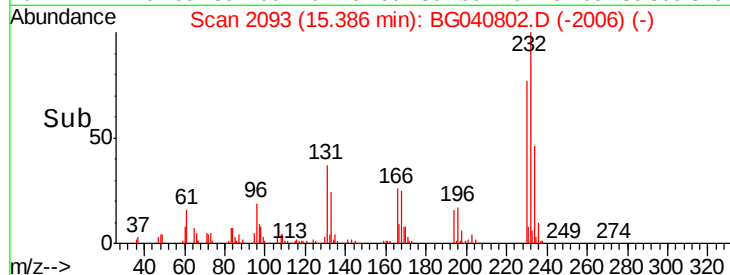
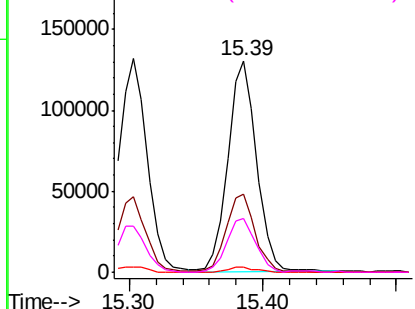
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.305 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	232	Resp:	195020
Ion	Ratio	Lower	Upper
232	100		
131	38.2	33.0	49.4
130	2.4	2.0	3.0
166	25.2	22.1	33.1

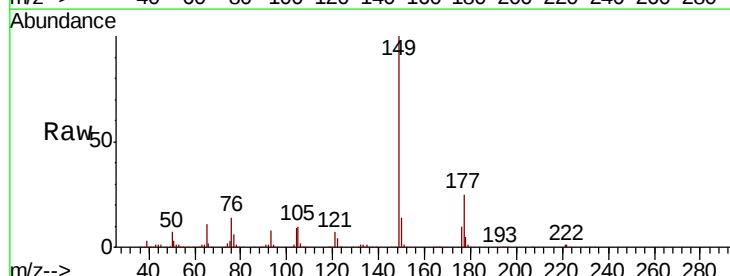


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

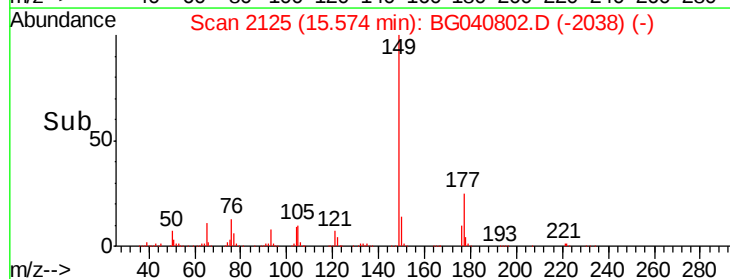
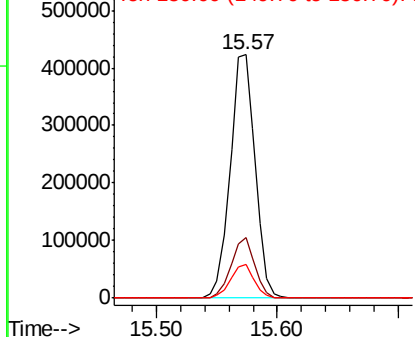


#60
 Diethylphthalate
 Concen: 39.337 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

Tgt Ion:	149	Resp:	605592
Ion	Ratio	Lower	Upper
149	100		
177	24.8	18.5	27.7
150	13.6	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

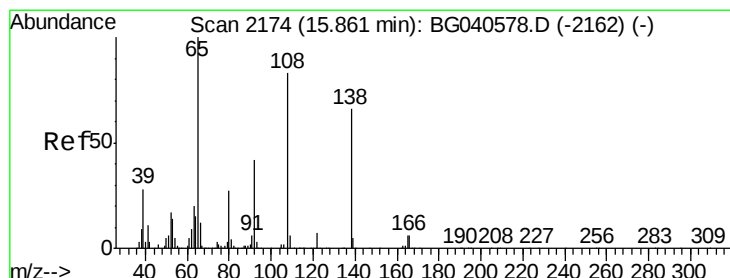
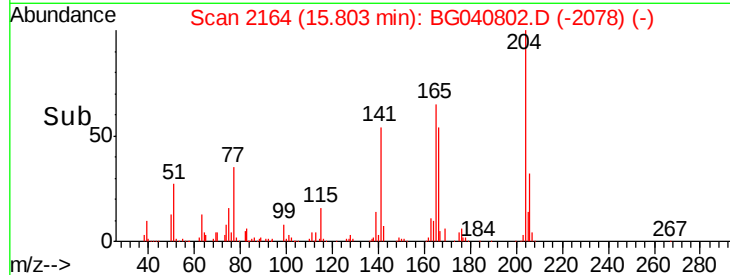
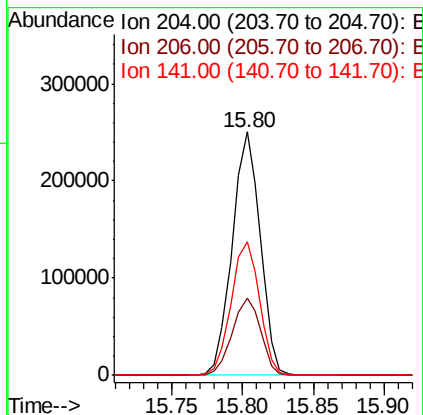
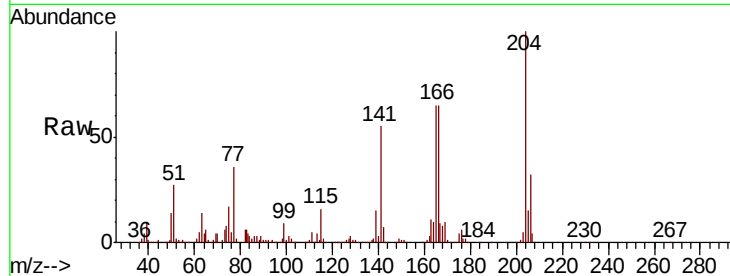




#61
4-Chlorophenyl-phenylether
Concen: 42.858 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

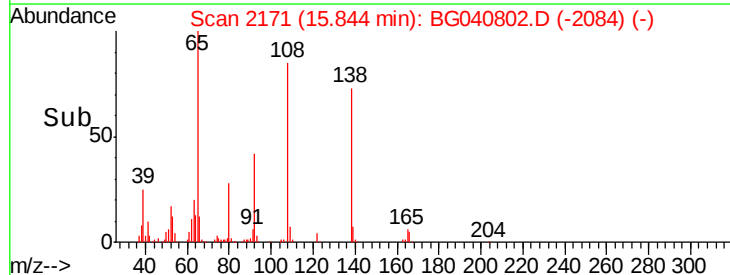
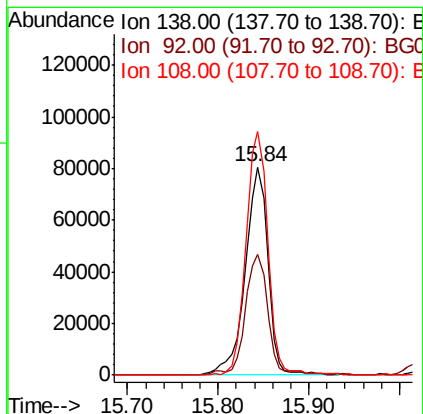
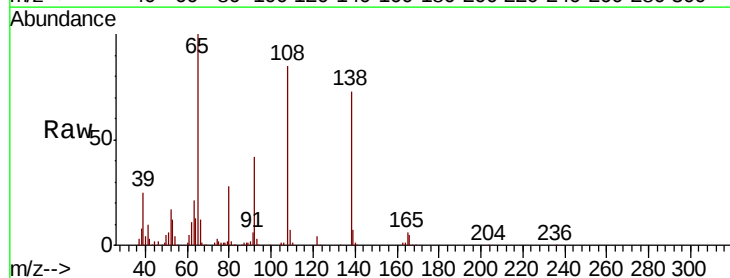
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

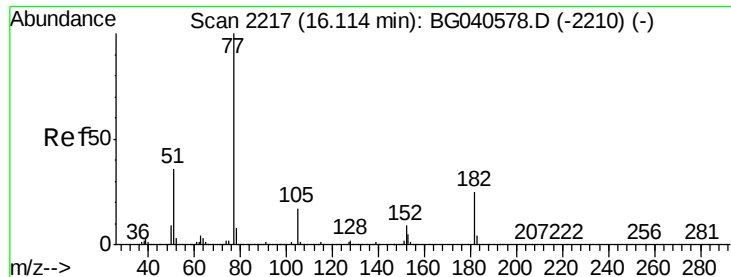
Tot Ion:204 Resp: 345493
Ion Ratio Lower Upper
204 100
206 31.7 27.4 41.2
141 54.9 46.0 69.0



#62
4-Nitroaniline
Concen: 42.779 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Tgt Ion:138 Resp: 139628
Ion Ratio Lower Upper
138 100
92 58.1 43.9 83.9
108 117.1 106.5 146.5

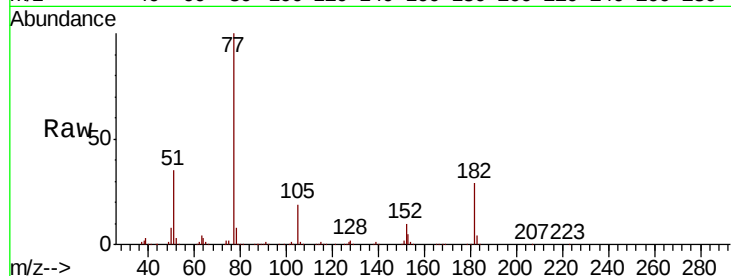




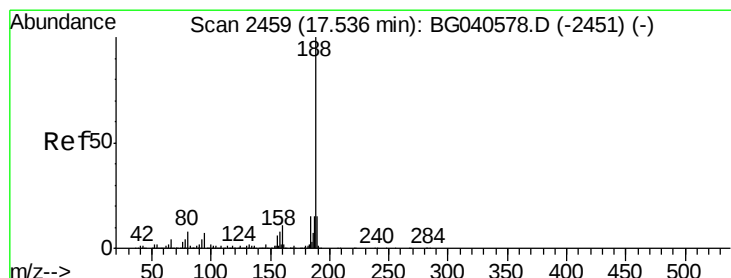
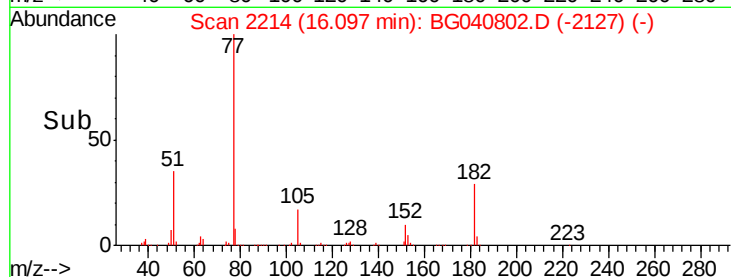
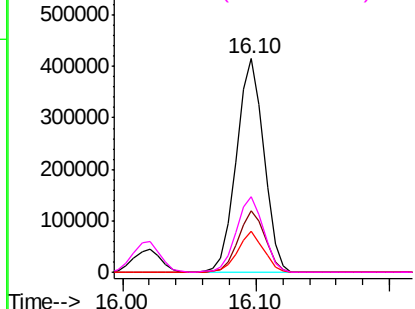
#63
Azobenzene
Concen: 37.232 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	77	Resp:	590301
Ion	Ratio	Lower	Upper
77	100		
182	28.5	5.0	45.0
105	19.0	0.0	37.6
51	35.5	16.3	56.3

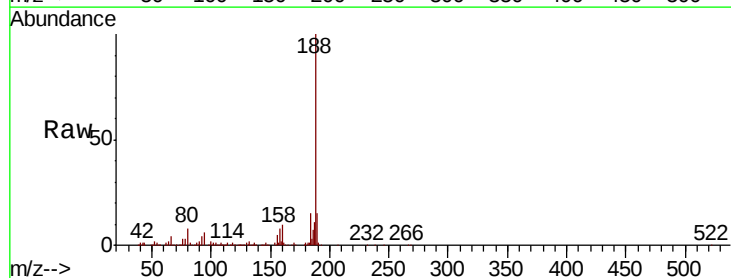


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

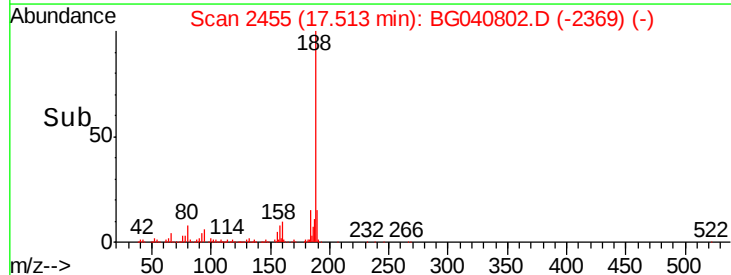
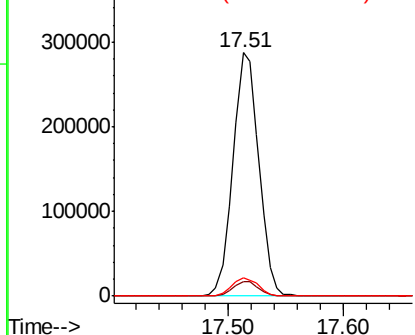


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Tgt Ion:	188	Resp:	444793
Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.6	8.4
80	7.7	6.4	9.6



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: 35.978 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

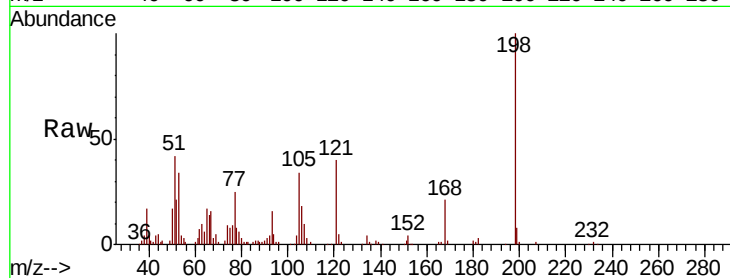
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:198 Resp: 74276

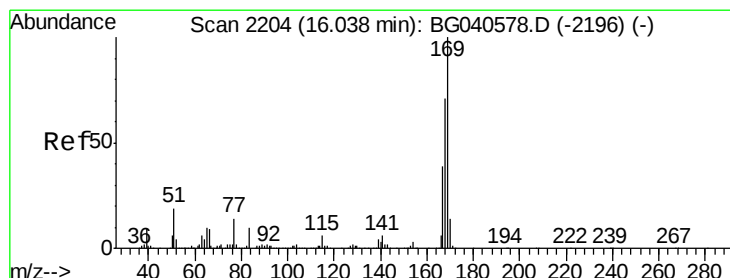
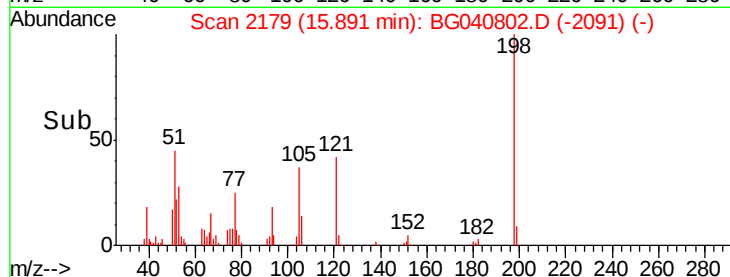
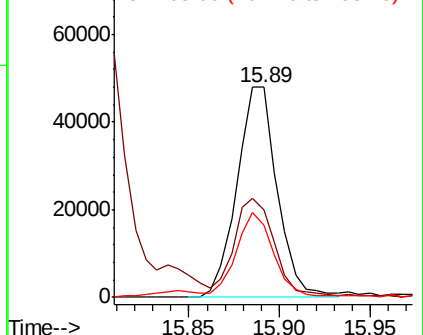
Ion	Ratio	Lower	Upper
198	100		
51	41.8	35.9	75.9
105	34.3	21.2	61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.742 ng

RT: 16.02 min Scan# 2201

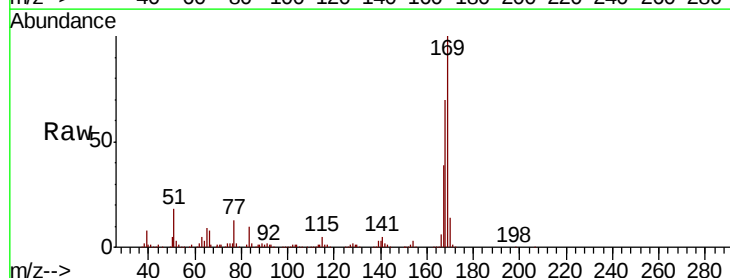
Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Tgt Ion:169 Resp: 506984

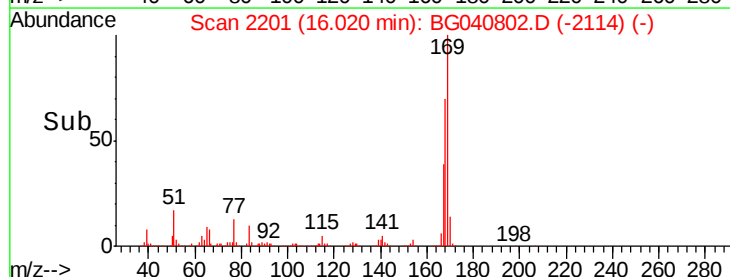
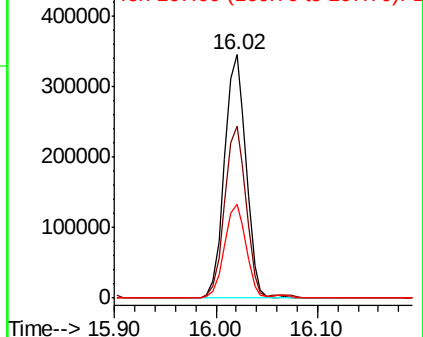
Ion	Ratio	Lower	Upper
169	100		
168	70.5	56.8	85.2
167	38.5	31.4	47.0

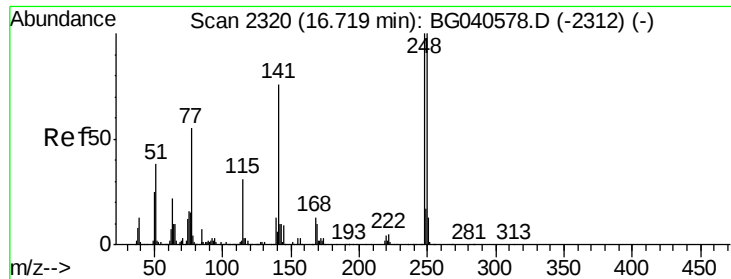


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

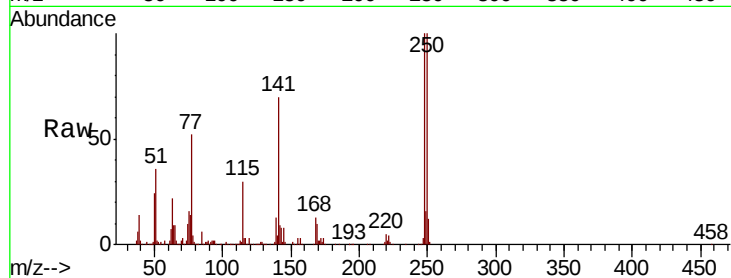




#67
 4-Bromophenyl-phenylether
 Concen: 41.604 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.2	79.8	119.6
141	70.4	60.8	91.2

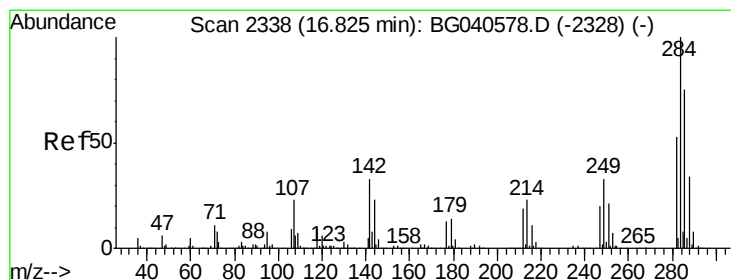
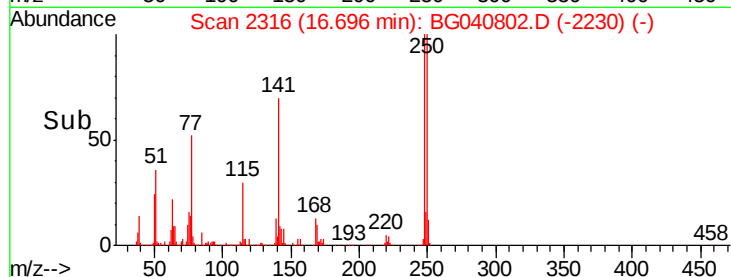
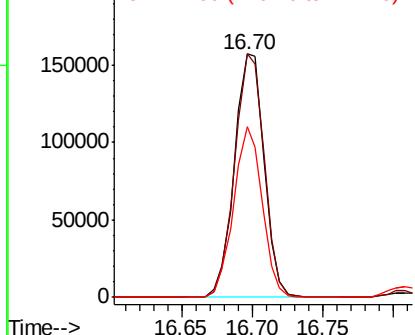


Abundance

Ion 248.00 (247.70 to 248.70): E

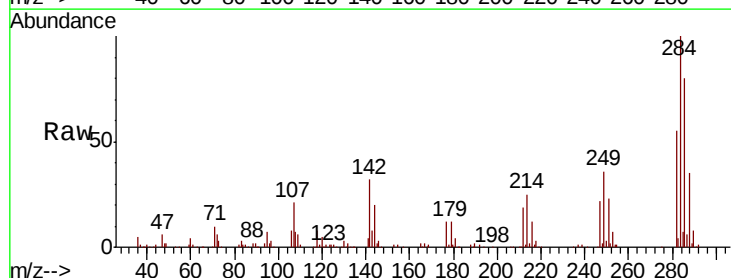
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.099 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	26.6	40.0
249	36.0	26.0	39.0

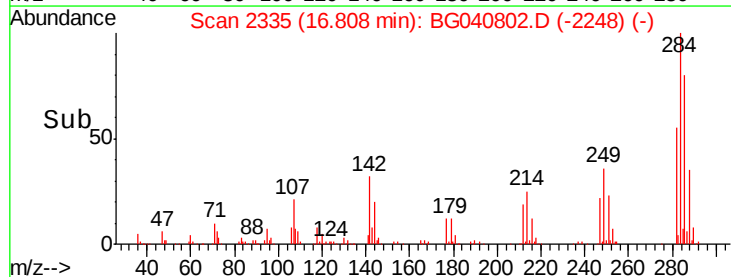
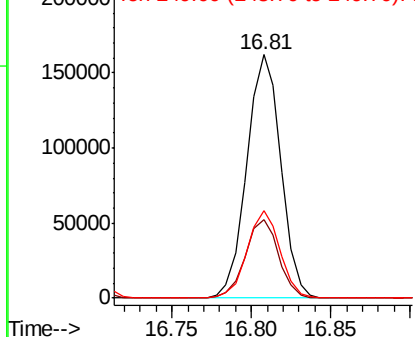


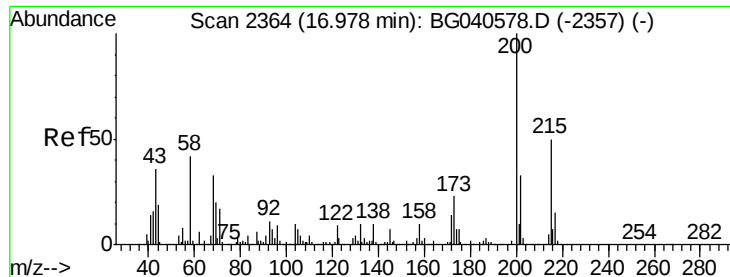
Abundance

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: 37.279 ng

RT: 16.95 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

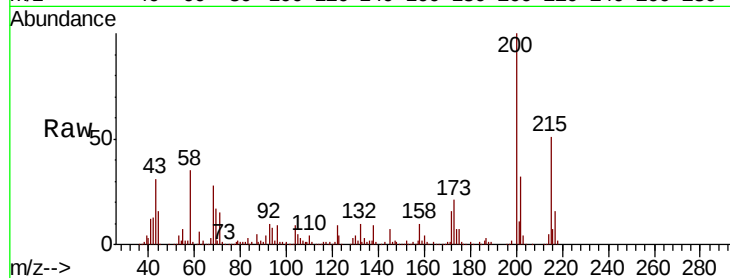
Tot Ion:200 Resp: 193284

Ion Ratio Lower Upper

200 100

173 21.0 2.8 42.8

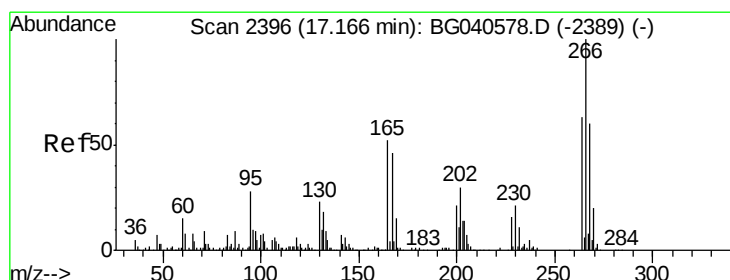
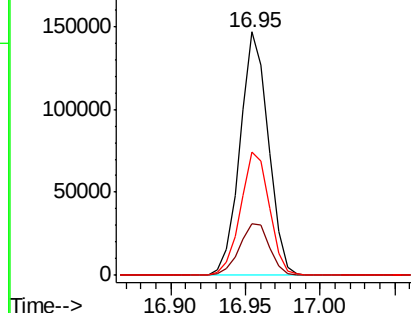
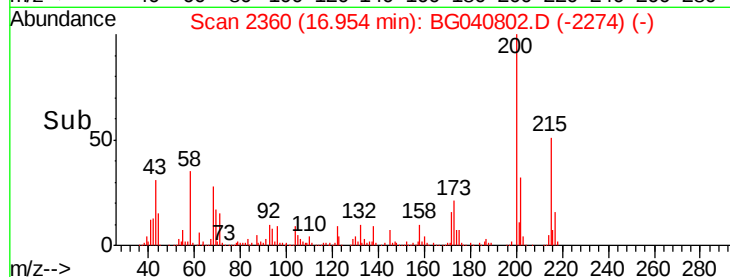
215 50.8 30.2 70.2



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: 38.182 ng

RT: 17.15 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

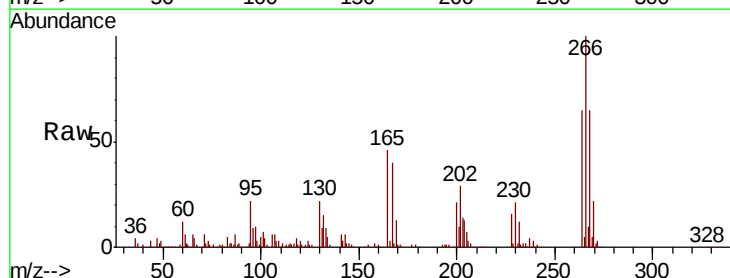
Tgt Ion:266 Resp: 128023

Ion Ratio Lower Upper

266 100

268 65.0 52.3 78.5

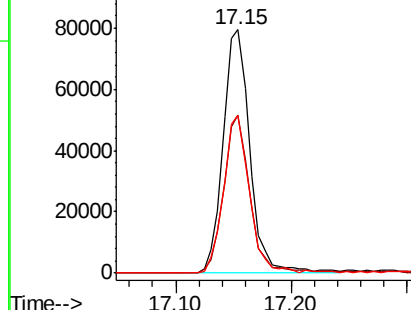
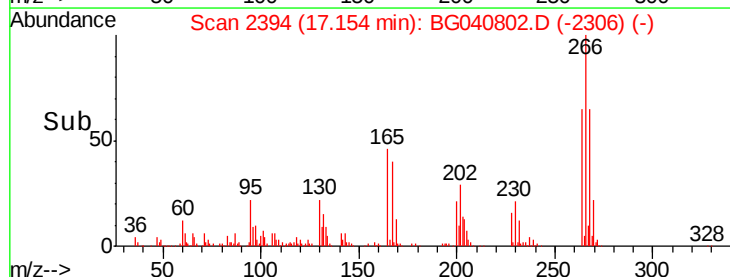
264 64.9 50.0 75.0

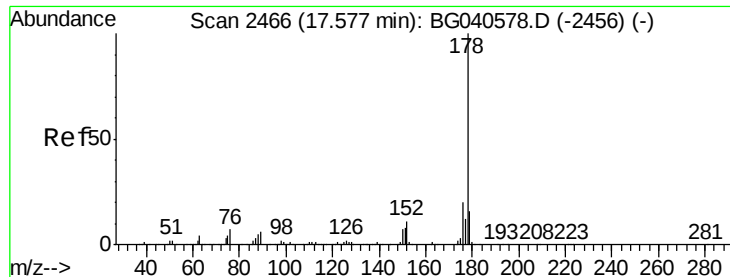


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

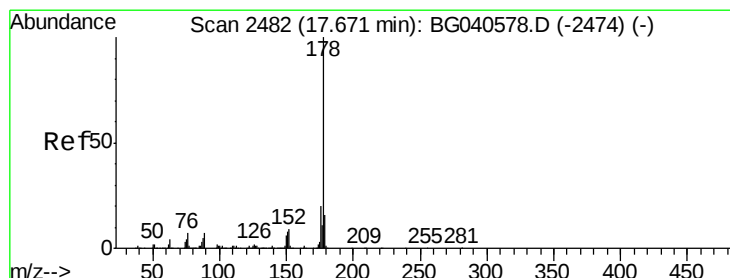
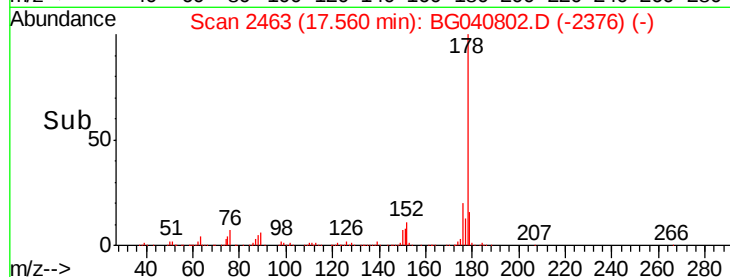
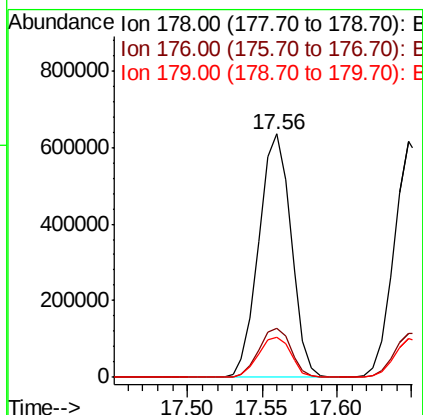
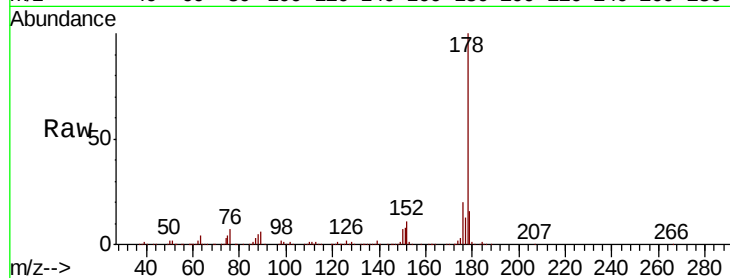




#71
Phenanthrene
Concen: 39.712 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

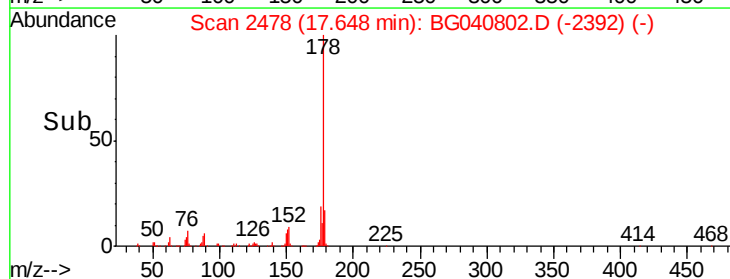
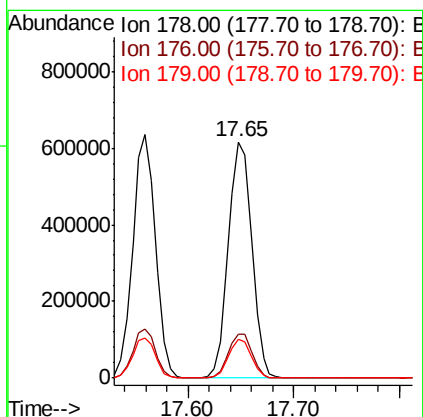
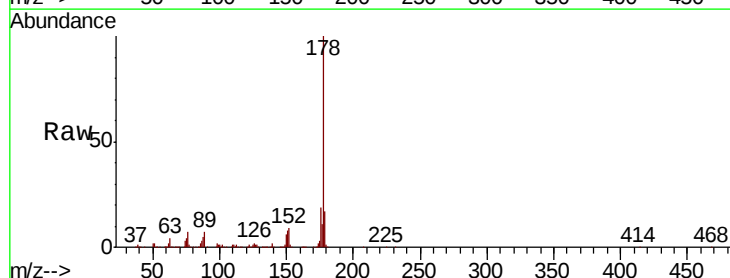
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:178 Resp: 951415
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 16.3 12.6 18.8



#72
Anthracene
Concen: 39.296 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Tgt Ion:178 Resp: 946300
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 16.6 12.9 19.3

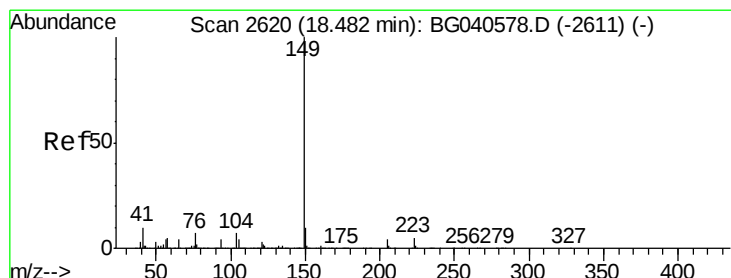
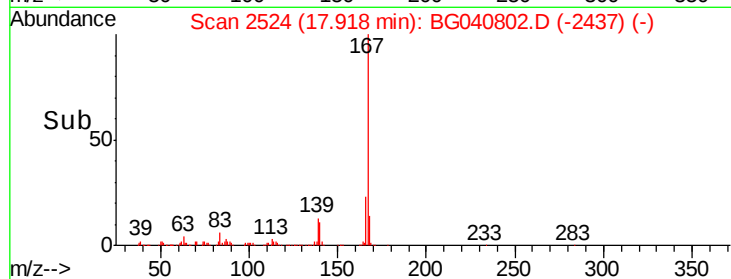
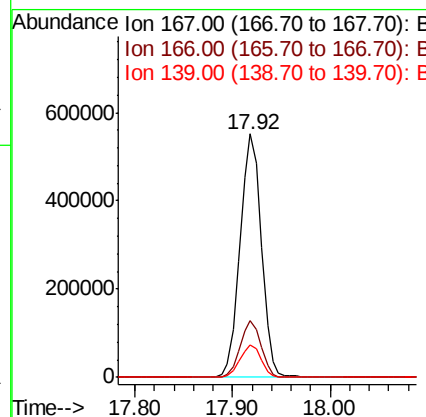
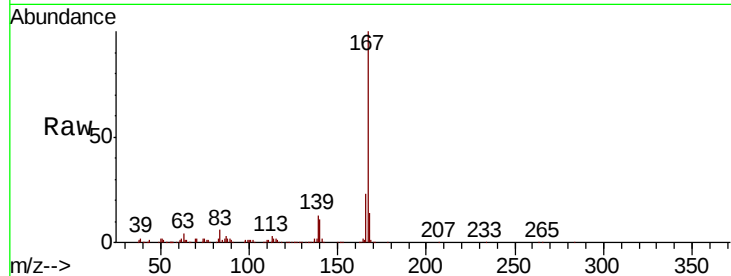




#73
 Carbazole
 Concen: 38.163 ng
 RT: 17.92 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

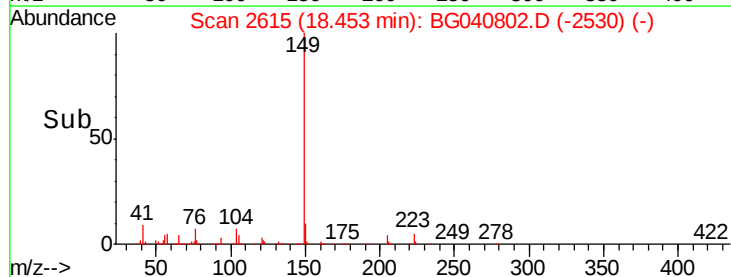
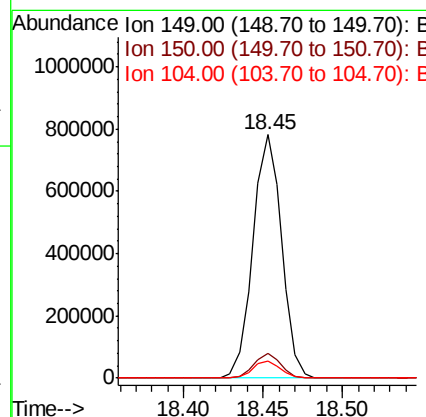
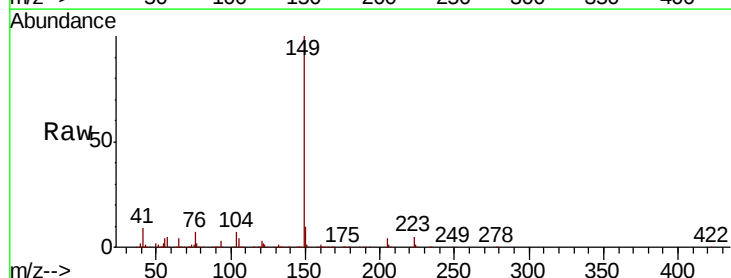
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

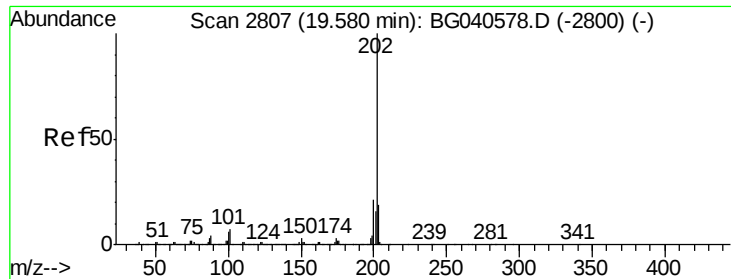
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	13.2	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 37.089 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.03 min
 Lab File: BG040802.D
 Acq: 9 May 2019 00:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	7.1	5.4	8.2





#75

Fluoranthene

Concen: 40.245 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

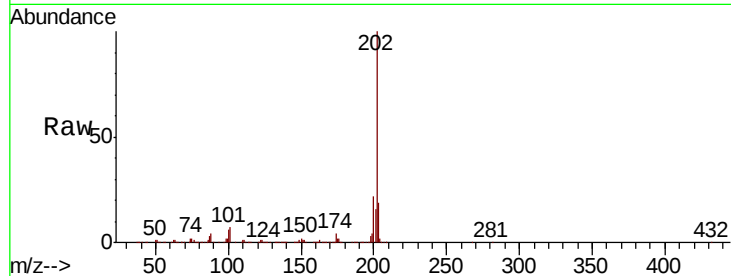
Tot Ion:202 Resp: 1201514

Ion Ratio Lower Upper

202 100

101 7.1 0.0 27.5

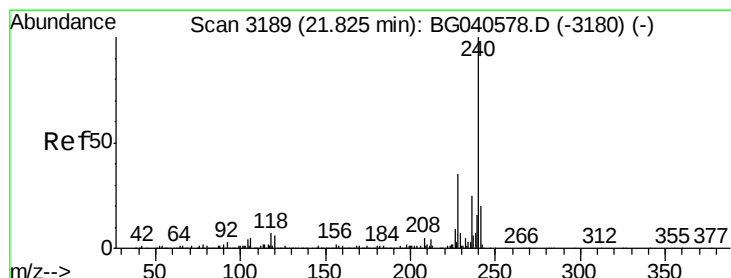
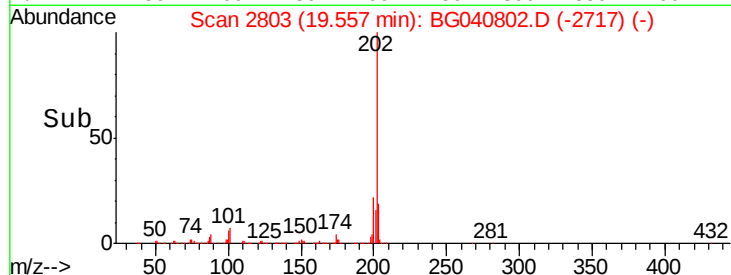
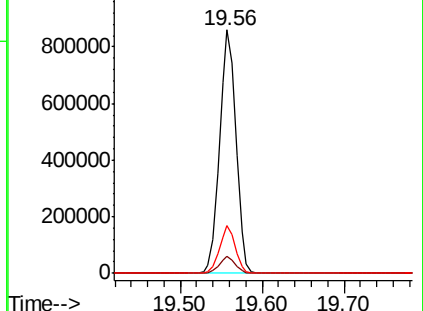
203 19.4 0.0 39.3



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# 3184

Delta R.T. -0.03 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

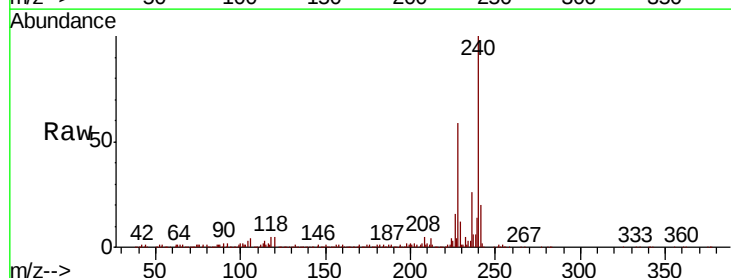
Tgt Ion:240 Resp: 484614

Ion Ratio Lower Upper

240 100

120 5.3 5.0 7.6

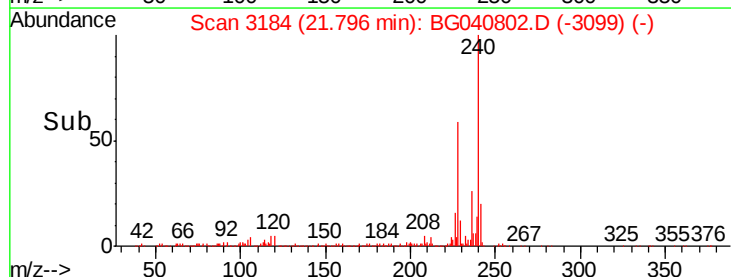
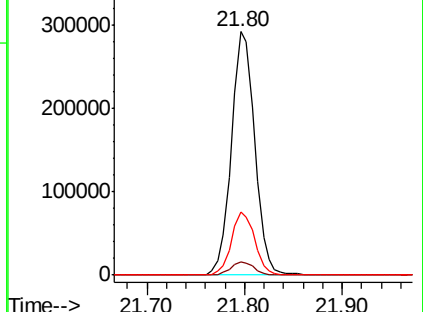
236 26.1 20.3 30.5

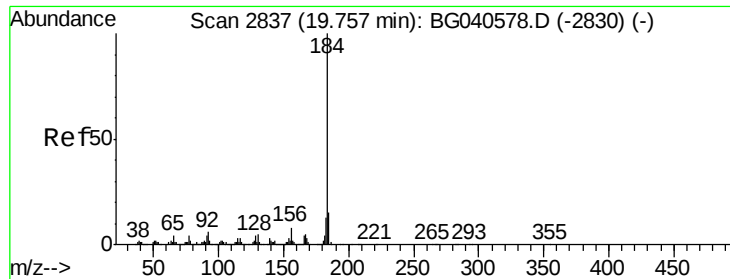


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.607 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

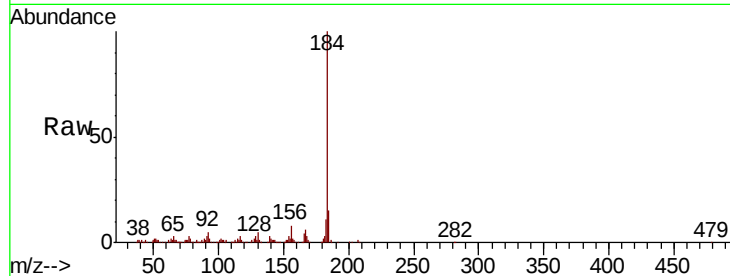
Tot Ion:184 Resp: 419397

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.8

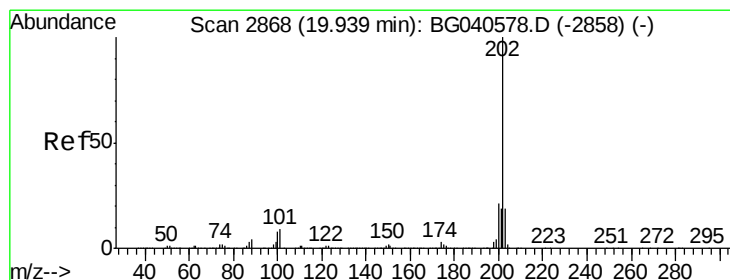
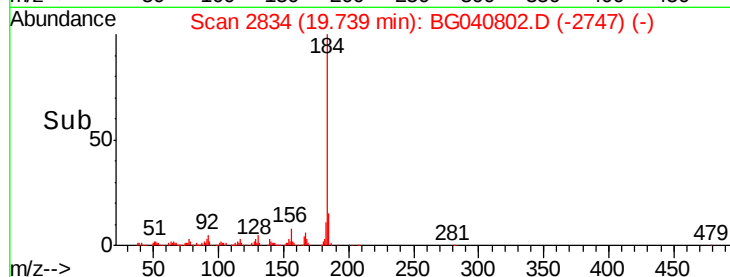
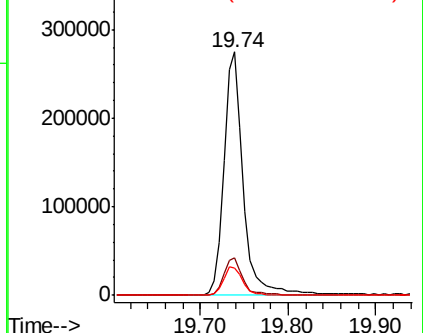
183 11.3 10.2 15.2



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: 39.754 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

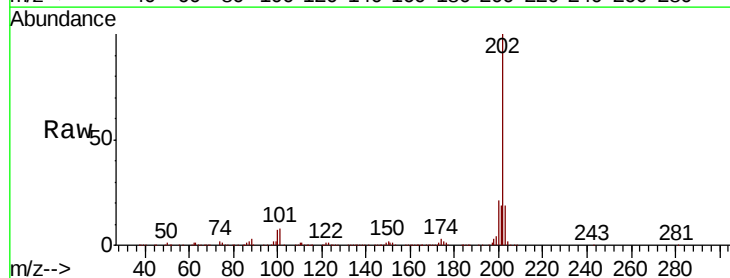
Tgt Ion:202 Resp: 1207462

Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

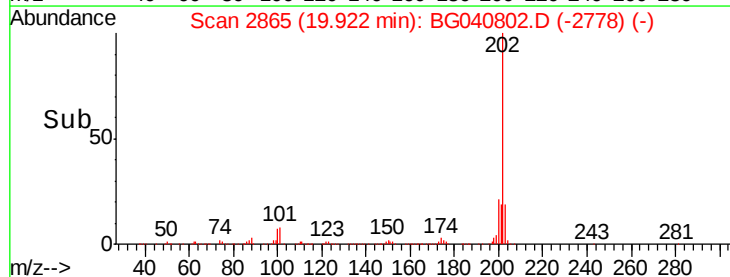
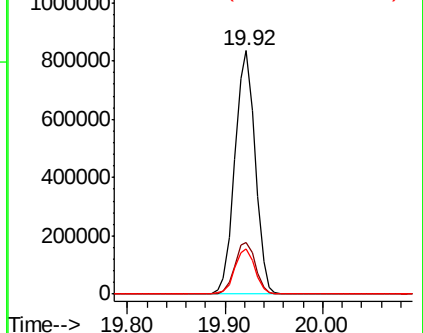
203 18.7 15.0 22.4

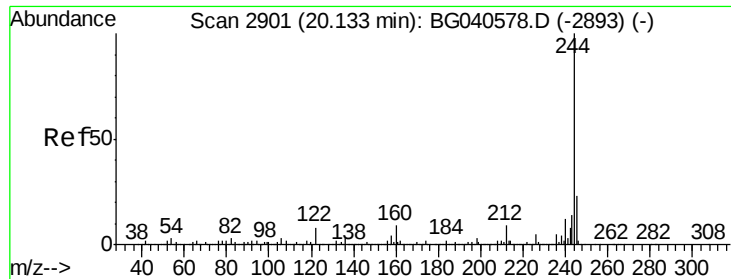


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.084 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

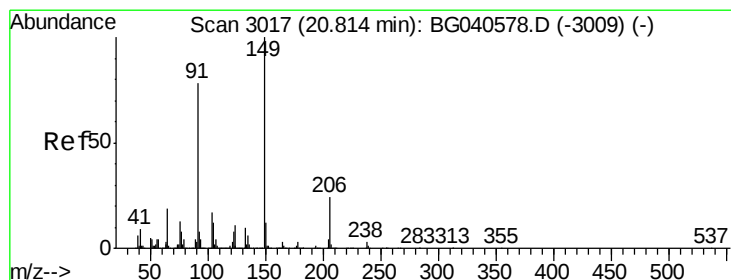
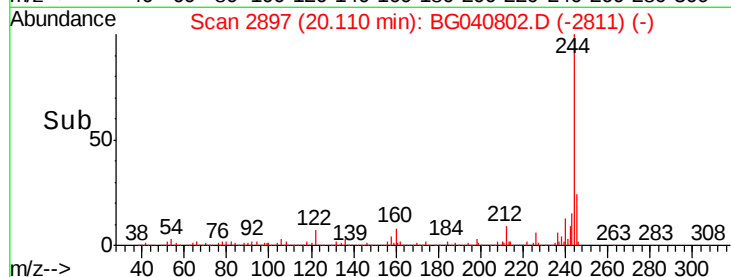
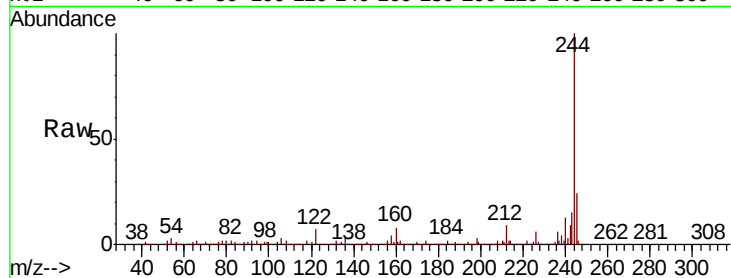
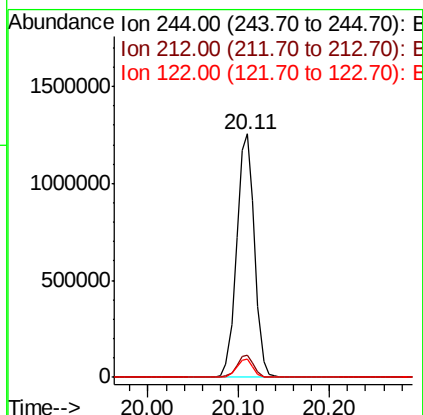
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 1729925

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.2	10.8
122	7.5	6.6	10.0



#80

Butylbenzylphthalate

Concen: 38.002 ng

RT: 20.79 min Scan# 3012

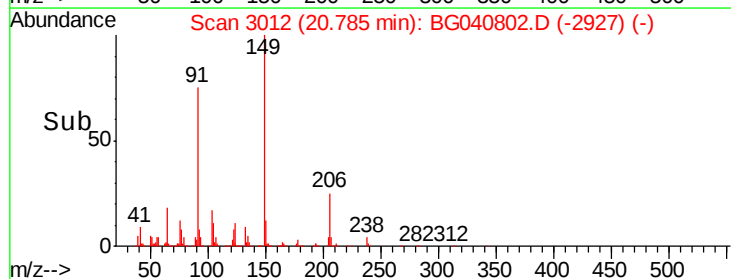
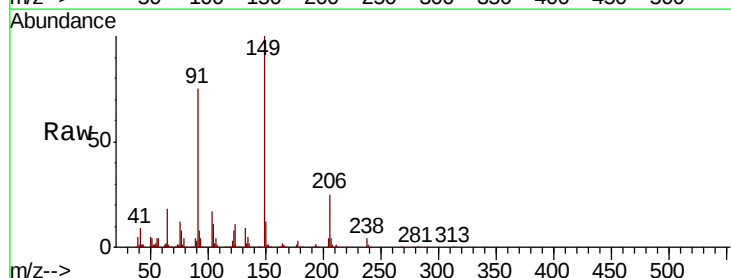
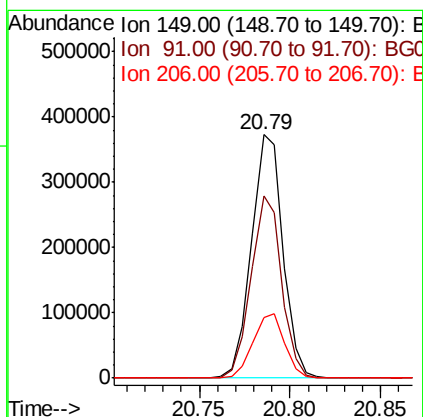
Delta R.T. -0.03 min

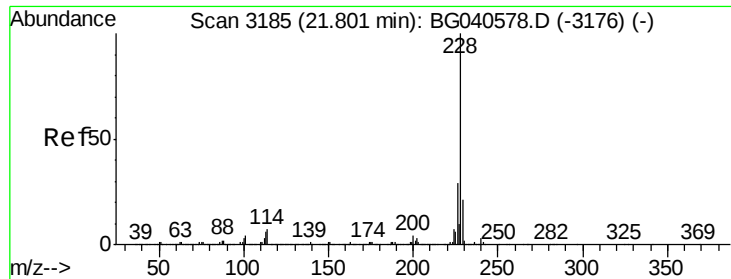
Lab File: BG040802.D

Acq: 9 May 2019 00:06

Tgt Ion:149 Resp: 449876

Ion	Ratio	Lower	Upper
149	100		
91	74.6	62.6	93.8
206	24.6	19.4	29.2

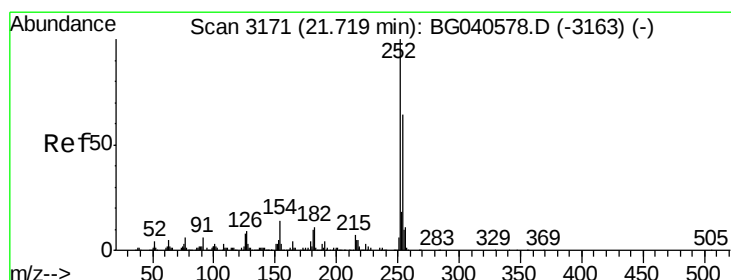
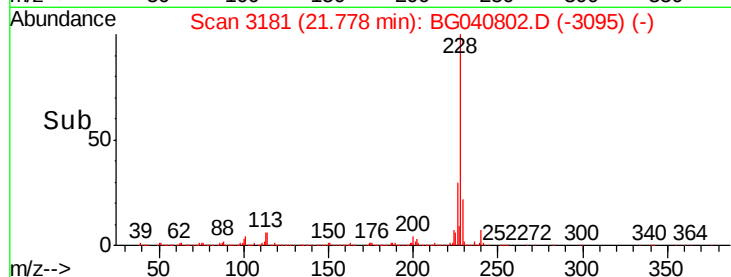
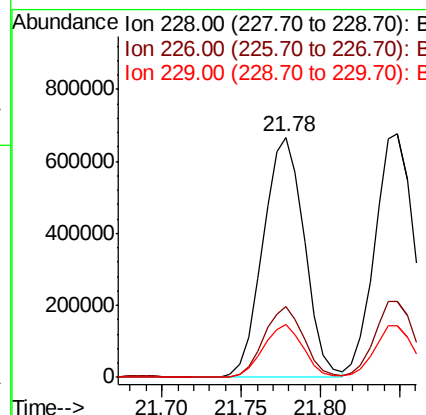
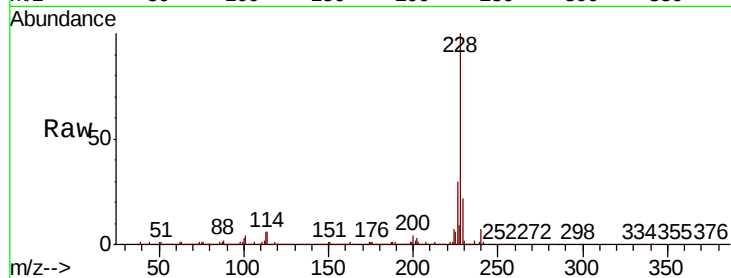




#81
Benzo(a)anthracene
Concen: 39.411 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.02 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

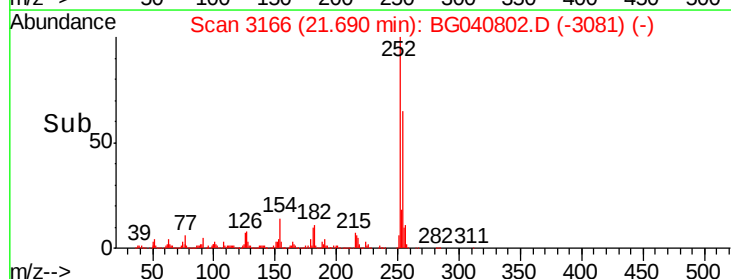
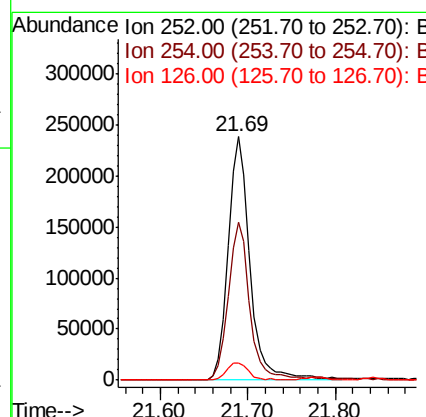
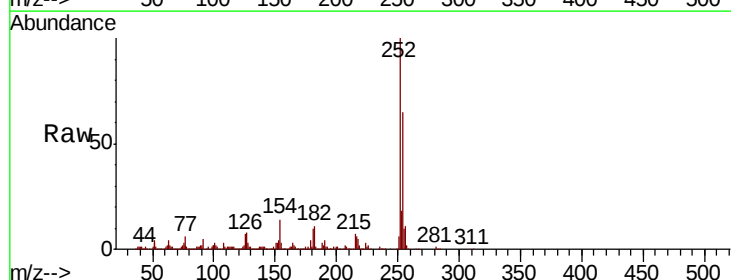
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

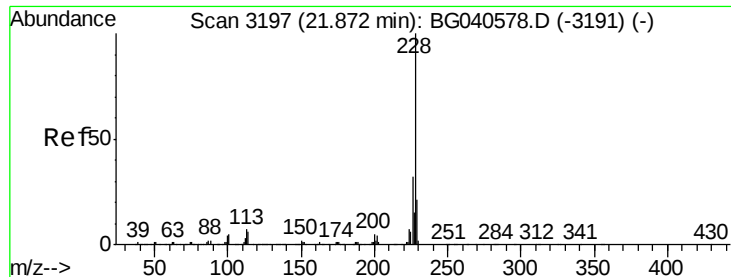
Tot Ion:228 Resp: 1207073
Ion Ratio Lower Upper
228 100
226 29.6 23.1 34.7
229 21.8 17.0 25.4



#82
3,3'-Dichlorobenzidine
Concen: 37.744 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Tgt Ion:252 Resp: 412040
Ion Ratio Lower Upper
252 100
254 65.0 51.2 76.8
126 7.2 6.6 10.0





#83

Chrvsene

Concen: 40.331 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

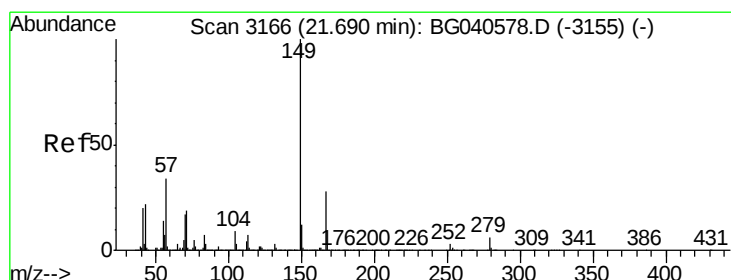
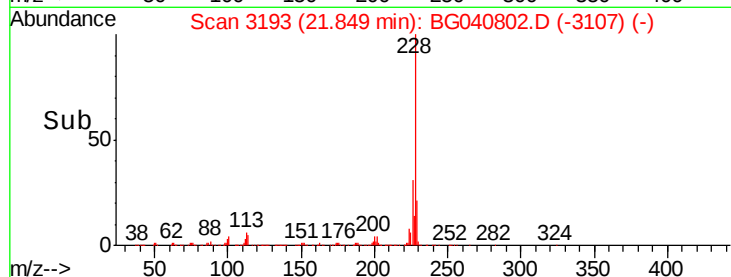
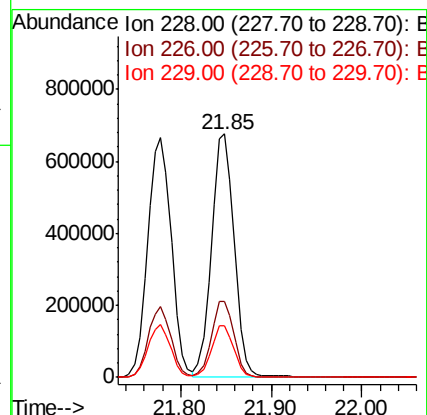
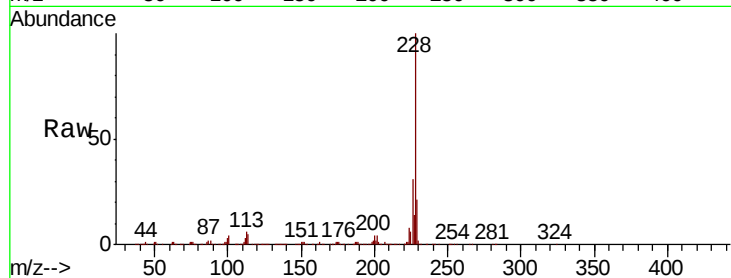
Tot Ion:228 Resp: 1174757

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	21.0	16.8	25.2

228 100

226 31.4 25.5 38.3

229 21.0 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.527 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.04 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

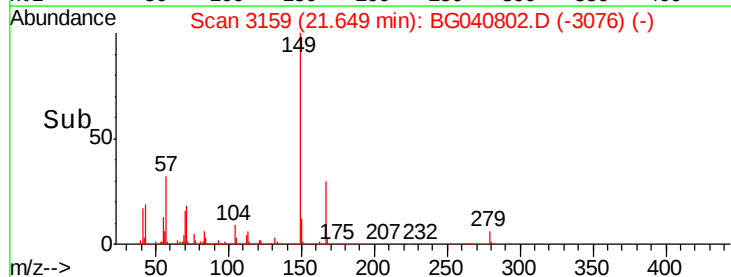
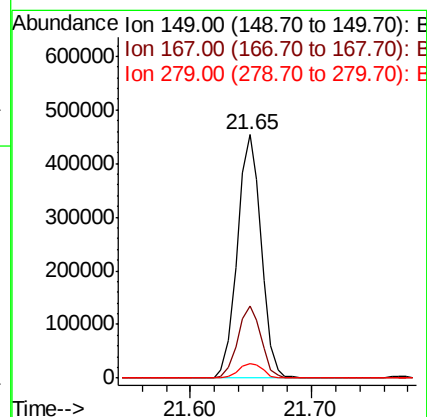
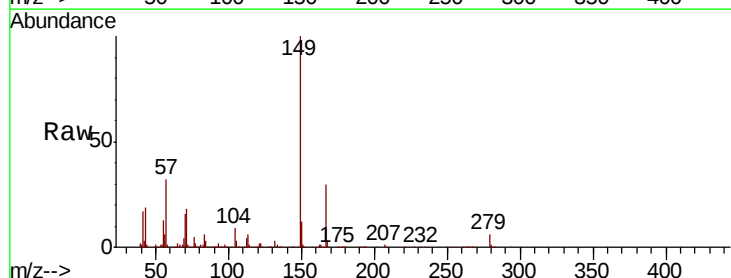
Tgt Ion:149 Resp: 624185

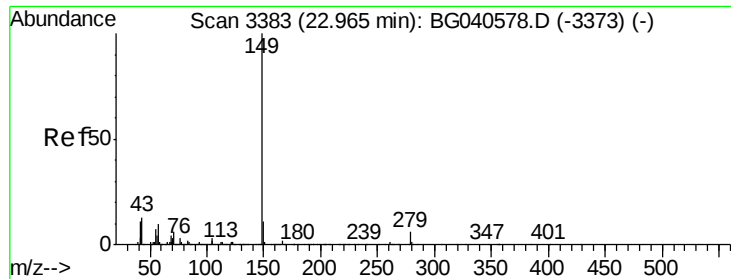
Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.4	33.6
279	5.9	4.6	6.8

149 100

167 29.6 22.4 33.6

279 5.9 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 36.096 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.06 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

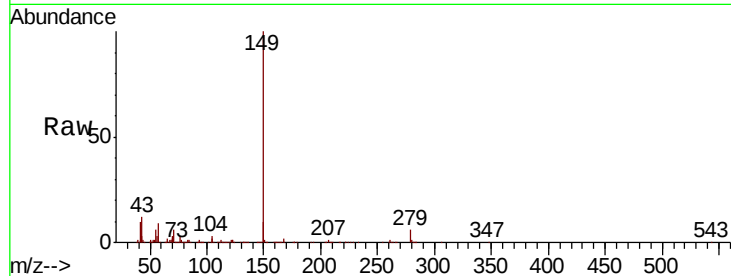
Tot Ion:149 Resp: 1038814

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

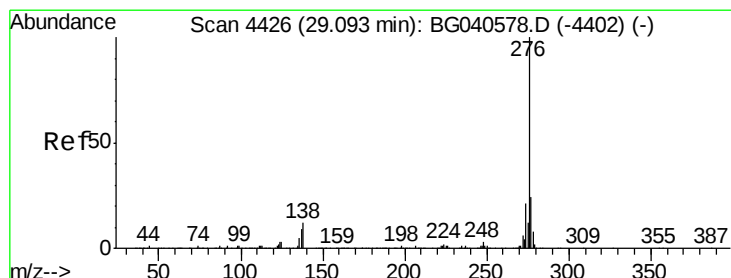
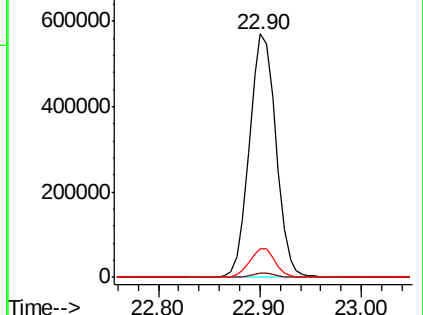
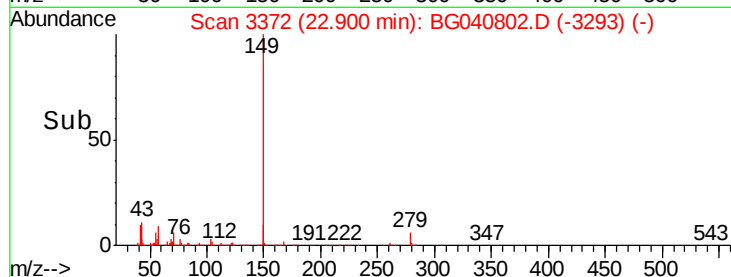
43 11.7 10.2 15.2



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: 30.700 ng

RT: 29.00 min Scan# 4410

Delta R.T. -0.09 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

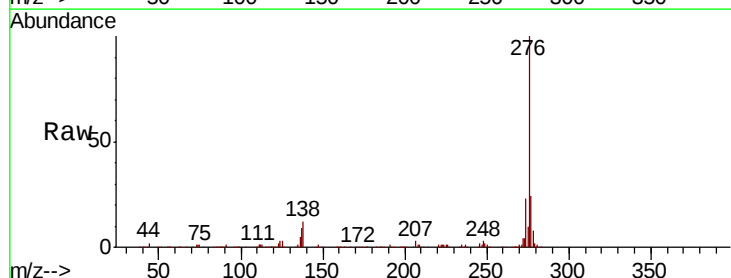
Tgt Ion:276 Resp: 1081172

Ion Ratio Lower Upper

276 100

138 5.6 9.8 14.6#

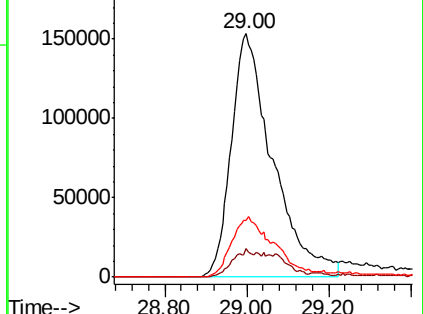
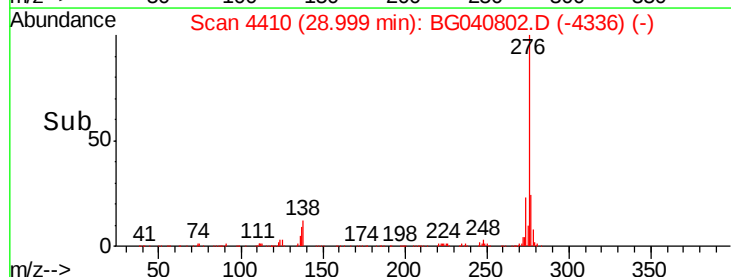
277 25.4 17.3 25.9

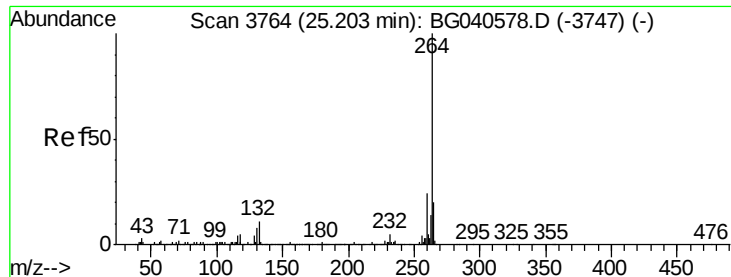


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

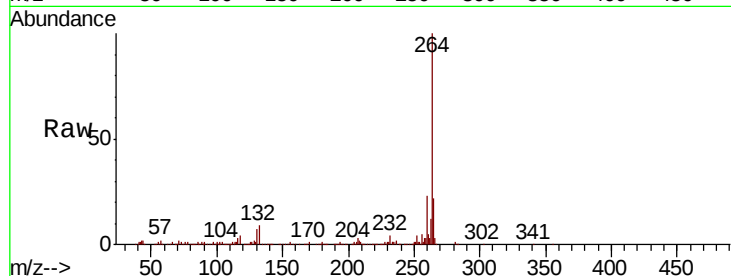
Tot Ion:264 Resp: 472004

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

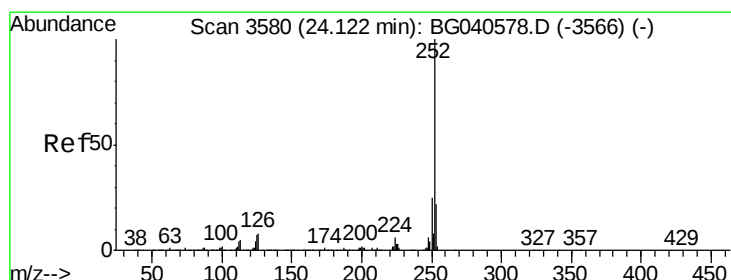
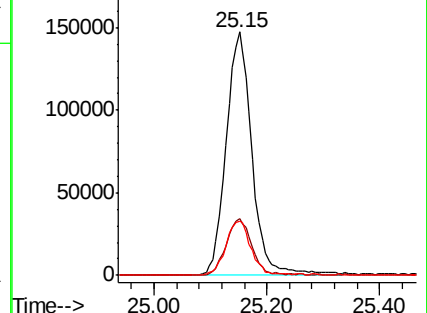
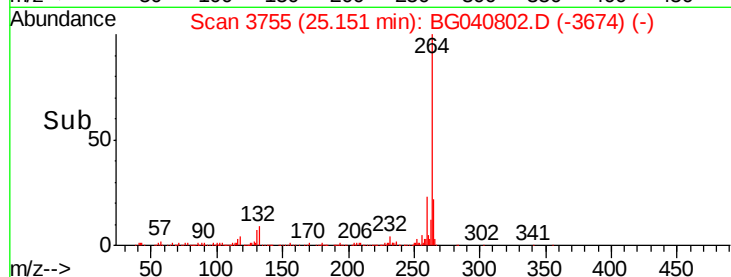
265 22.1 16.6 25.0



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: 39.708 ng

RT: 24.08 min Scan# 3572

Delta R.T. -0.05 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

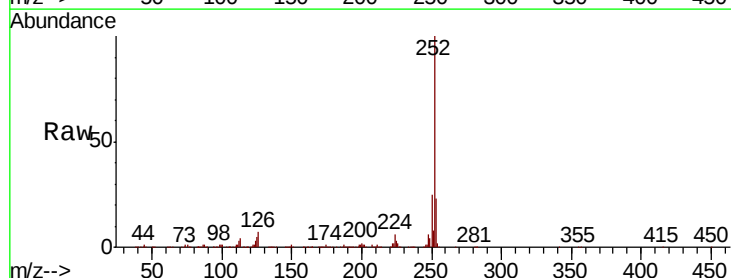
Tgt Ion:252 Resp: 1145316

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

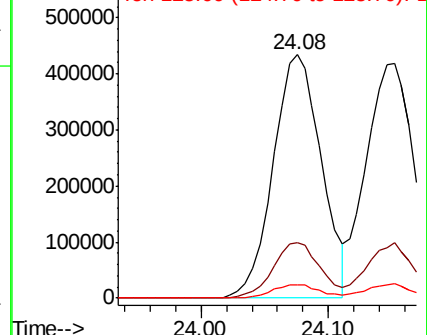
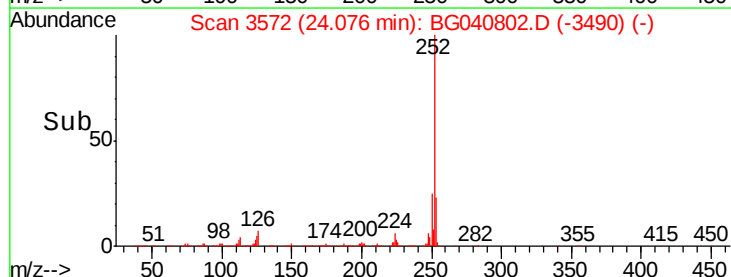
125 5.5 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.692 ng

RT: 24.15 min Scan# 3585

Delta R.T. -0.04 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

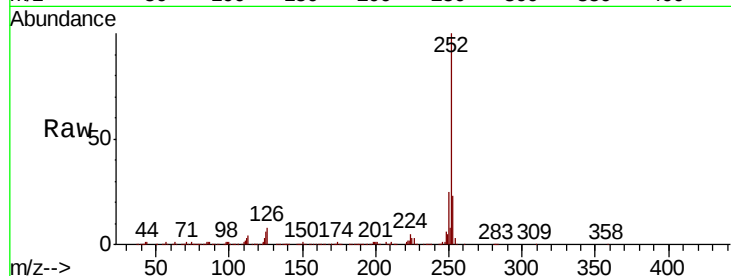
Tot Ion:252 Resp: 1123068

Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

125 6.2 5.5 8.3

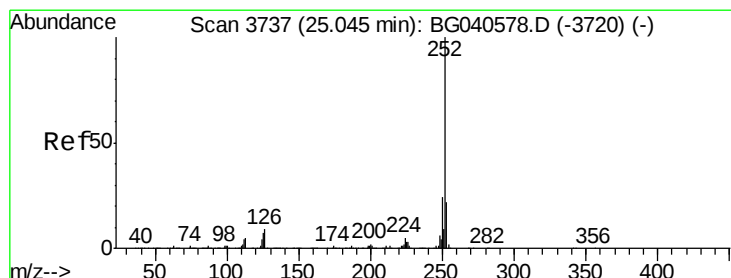
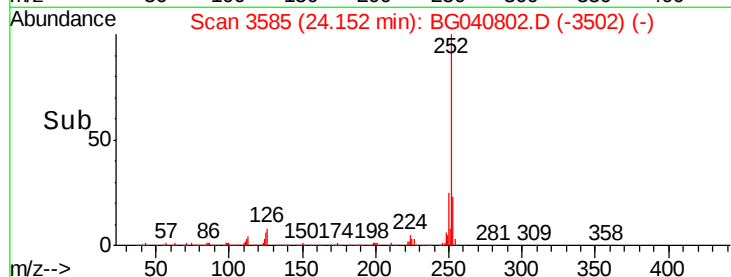
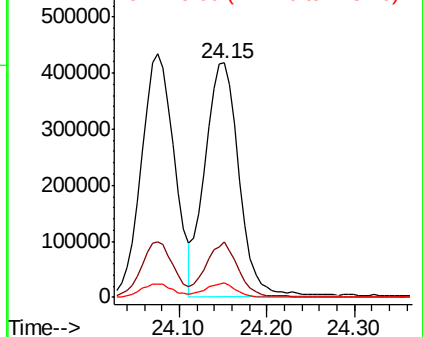


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.588 ng

RT: 25.00 min Scan# 3729

Delta R.T. -0.05 min

Lab File: BG040802.D

Acq: 9 May 2019 00:06

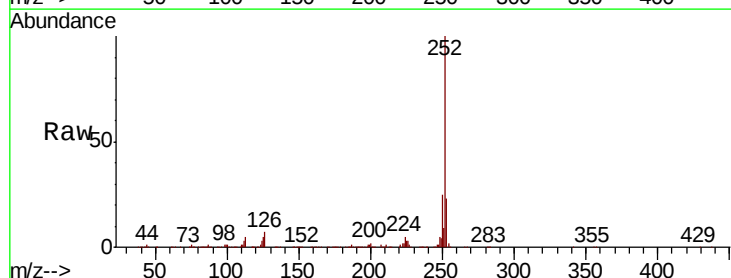
Tgt Ion:252 Resp: 1080854

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

125 5.4 5.7 8.5#

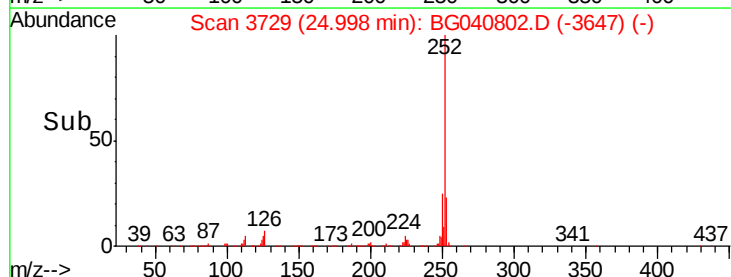
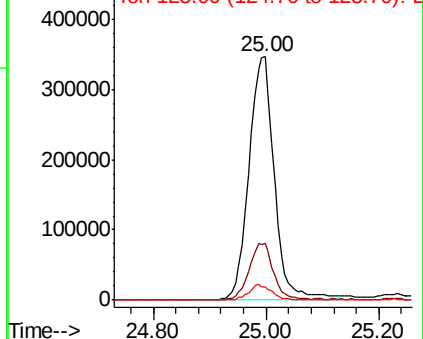


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

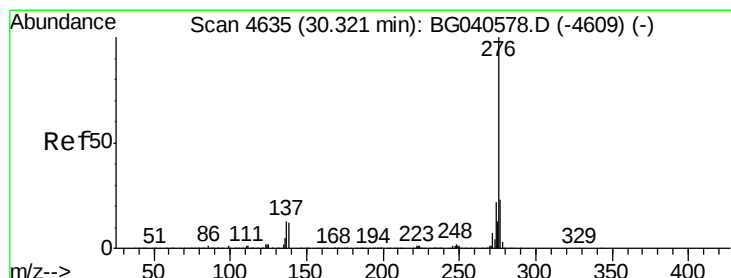
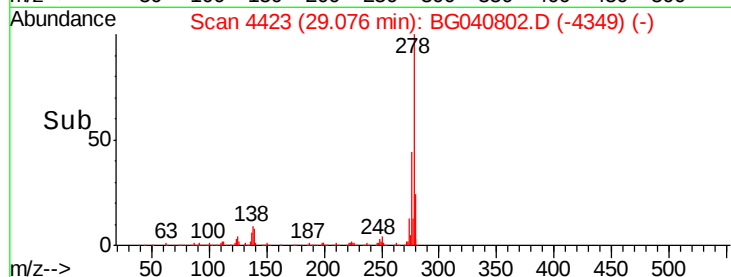
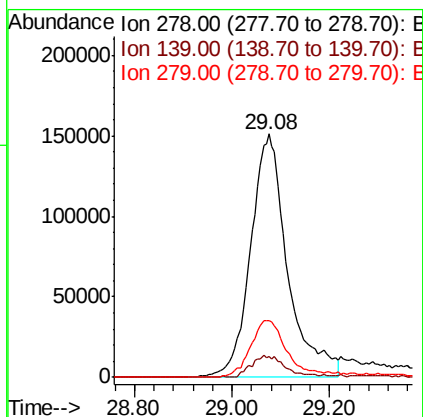
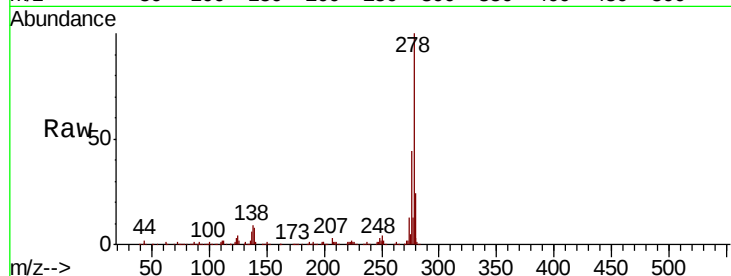




#91
Dibenzo(a,h)anthracene
Concen: 28.876 ng
RT: 29.08 min Scan# 4423
Delta R.T. -0.09 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 797839
Ion Ratio Lower Upper
278 100
139 8.4 8.2 12.4
279 23.6 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 31.068 ng
RT: 30.22 min Scan# 4618
Delta R.T. -0.10 min
Lab File: BG040802.D
Acq: 9 May 2019 00:06

Tgt Ion:276 Resp: 854307
Ion Ratio Lower Upper
276 100
277 25.4 18.4 27.6
138 10.8 9.8 14.6

