

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG053019\
 Data File : BG040954.D
 Acq On : 30 May 2019 16:23
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 30 18:39:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	67226	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	287977	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	206136	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	483232	20.00	ng	0.00
76) Chrysene-d12	21.78	240	465394	20.00	ng	0.00
87) Perylene-d12	25.12	264	510935	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	307063	82.36	ng	0.00
7) Phenol-d6	7.27	99	462948	80.41	ng	0.00
23) Nitrobenzene-d5	9.31	82	534919	82.46	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	241703	78.98	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1177592	82.27	ng	0.00
79) Terphenyl-d14	20.10	244	1830018	83.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	61763	36.508	ng	90
3) Pyridine	3.94	79	197671	39.488	ng	98
4) n-Nitrosodimethylamine	3.86	42	99814	42.963	ng	# 85
6) Aniline	7.45	93	318519	41.445	ng	95
8) 2-Chlorophenol	7.69	128	180205	40.545	ng	94
9) Benzaldehyde	7.26	77	147543	42.957	ng	89
10) Phenol	7.30	94	251034	40.664	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	182467	40.743	ng	99
12) 1,3-Dichlorobenzene	8.01	146	221793	41.781	ng	95
13) 1,4-Dichlorobenzene	8.16	146	224407	41.763	ng	98
14) 1,2-Dichlorobenzene	8.48	146	216059	41.412	ng	96
15) Benzyl Alcohol	8.36	79	221338	41.557	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	295841	40.426	ng	99
17) 2-Methylphenol	8.56	107	181100	40.516	ng	98
18) Hexachloroethane	9.22	117	87381	42.193	ng	100
19) n-Nitroso-di-n-propylamine	8.93	70	177975	40.167	ng	98
20) 3+4-Methylphenols	8.89	107	248954	40.208	ng	97
22) Acetophenone	8.96	105	327399	40.528	ng	# 100
24) Nitrobenzene	9.35	77	279082	42.217	ng	99
25) Isophorone	9.86	82	489268	39.633	ng	99
26) 2-Nitrophenol	10.06	139	116468	42.736	ng	89
27) 2,4-Dimethylphenol	10.10	122	182469	40.540	ng	90
28) bis(2-Chloroethoxy)methane	10.34	93	269192	40.401	ng	99
29) 2,4-Dichlorophenol	10.58	162	228744	40.021	ng	99
30) 1,2,4-Trichlorobenzene	10.81	180	268709	41.327	ng	94
31) Naphthalene	11.00	128	626892	40.545	ng	99
32) Benzoic acid	10.24	122	133540	39.824	ng	99
33) 4-Chloroaniline	11.11	127	286534	39.940	ng	96
34) Hexachlorobutadiene	11.26	225	211256	42.463	ng	99
35) Caprolactam	11.91	113	71887	38.087	ng	# 89
36) 4-Chloro-3-methylphenol	12.21	107	254443	38.979	ng	99
37) 2-Methylnaphthalene	12.59	142	473889	39.795	ng	99
38) 1-Methylnaphthalene	12.81	142	446359	39.777	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	351094	42.258	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	136022	35.556	ng	95
43) 2,4,6-Trichlorophenol	13.19	196	227057	42.245	ng	96
44) 2,4,5-Trichlorophenol	13.26	196	232251	40.972	ng	98
46) 1,1'-Biphenyl	13.59	154	625140	40.970	ng	100
47) 2-Chloronaphthalene	13.64	162	543648	41.502	ng	99
48) 2-Nitroaniline	13.85	65	195816	41.669	ng	98
49) Acenaphthylene	14.49	152	800713	40.614	ng	99
50) Dimethylphthalate	14.20	163	688574	39.461	ng	99
51) 2,6-Dinitrotoluene	14.34	165	148510	39.474	ng	95
52) Acenaphthene	14.82	154	478689	40.080	ng	95
53) 3-Nitroaniline	14.67	138	152153	40.443	ng	99
54) 2,4-Dinitrophenol	14.87	184	52528	37.369	ng	96
55) Dibenzofuran	15.16	168	801549	39.885	ng	99
56) 4-Nitrophenol	14.96	139	110054	42.649	ng	92
57) 2,4-Dinitrotoluene	15.12	165	212120	39.914	ng	96
58) Fluorene	15.80	166	627277	39.194	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.37	232	220643	39.608	ng	100
60) Diethylphthalate	15.56	149	689541	38.721	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	407678	39.190	ng	97
62) 4-Nitroaniline	15.83	138	157877	39.639	ng	97
63) Azobenzene	16.08	77	630786	38.973	ng	97
65) 4,6-Dinitro-2-methylphenol	15.87	198	88903	36.779	ng	97
66) n-Nitrosodiphenylamine	16.00	169	567679	41.790	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	264755	40.598	ng	99
68) Hexachlorobenzene	16.79	284	279753	40.285	ng	98
69) Atrazine	16.94	200	227631	43.428	ng	98
70) Pentachlorophenol	17.14	266	159960	44.968	ng	97
71) Phenanthrene	17.54	178	1031091	40.964	ng	98
72) Anthracene	17.64	178	1030965	41.529	ng	100
73) Carbazole	17.91	167	887126	41.647	ng	99
74) Di-n-butylphthalate	18.43	149	1078132	40.723	ng	98
75) Fluoranthene	19.54	202	1267112	40.756	ng	98
77) Benzidine	19.73	184	475790	42.856	ng	97
78) Pyrene	19.91	202	1269348	41.957	ng	99
80) Butylbenzylphthalate	20.77	149	495834	42.115	ng	99
81) Benzo(a)anthracene	21.76	228	1275536	41.174	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	473353	43.442	ng	97
83) Chrysene	21.83	228	1228883	41.452	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	689646	41.611	ng	99
85) Di-n-octyl phthalate	22.88	149	1151593	41.721	ng	99
86) Indeno(1,2,3-cd)pyrene	28.96	276	1505377	41.452	ng	98
88) Benzo(b)fluoranthene	24.05	252	1263504	40.771	ng	97
89) Benzo(k)fluoranthene	24.13	252	1239152	40.407	ng	99
90) Benzo(a)pyrene	24.96	252	1209674	40.914	ng	99
91) Dibenzo(a,h)anthracene	29.03	278	1209399	40.936	ng	99
92) Benzo(g,h,i)perylene	30.19	276	1162171	40.491	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.00 min

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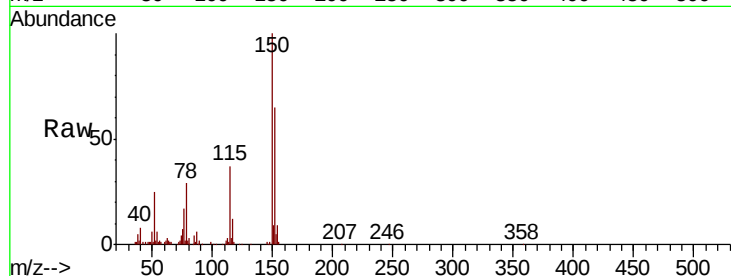
Tgt Ion:152 Resp: 67226

Ion Ratio Lower Upper

152 100

150 153.0 120.6 180.8

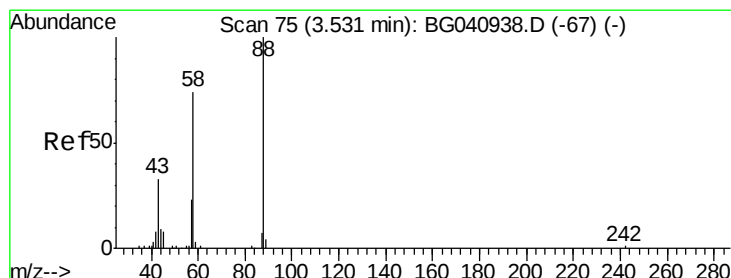
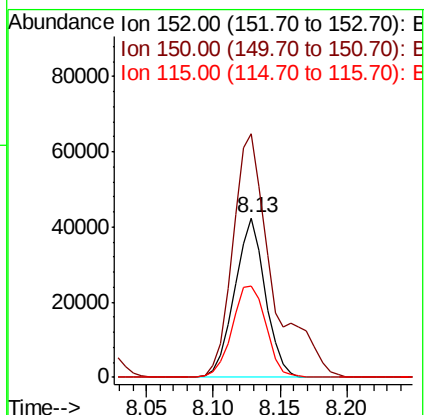
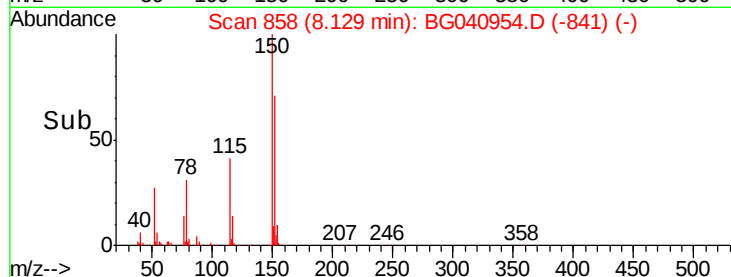
115 57.1 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.508 ng

RT: 3.53 min Scan# 75

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

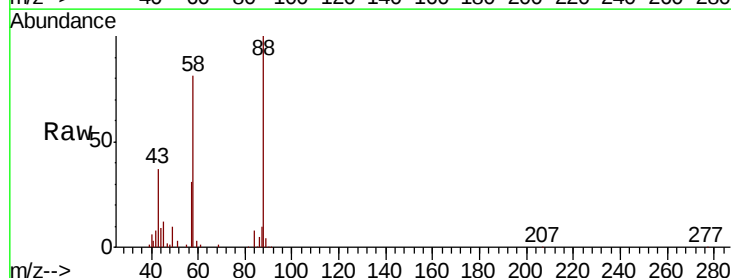
Tgt Ion: 88 Resp: 61763

Ion Ratio Lower Upper

88 100

58 82.4 59.0 88.6

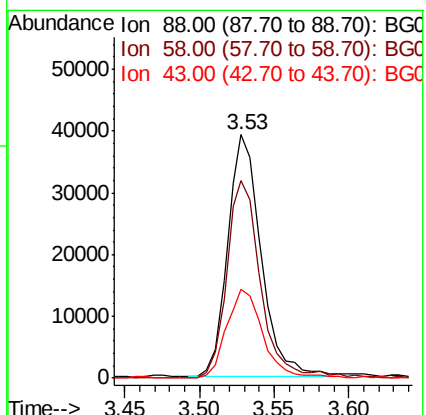
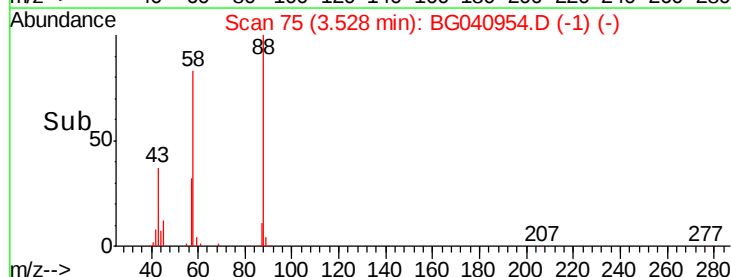
43 39.3 27.2 40.8

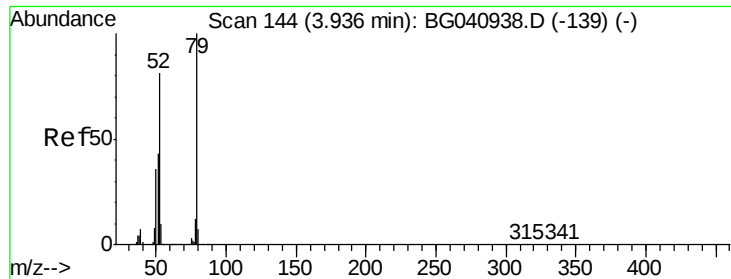


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 39.488 ng

RT: 3.94 min Scan# 145

Delta R.T. 0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

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ClientSampleId :

SSTDCCC040EC

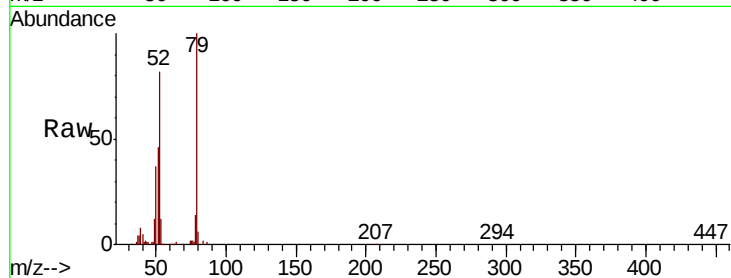
Tgt Ion: 79 Resp: 197671

Ion Ratio Lower Upper

79 100

52 81.9 64.8 97.2

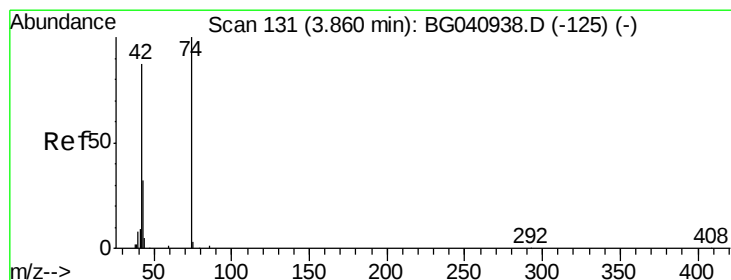
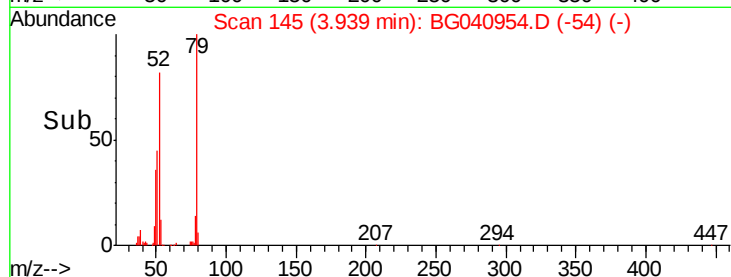
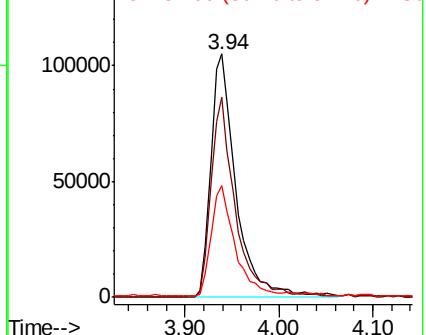
51 45.7 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.963 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

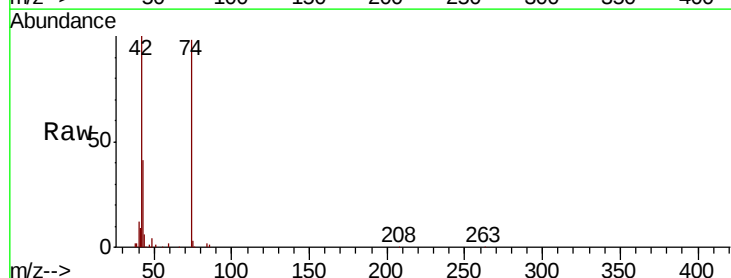
Tgt Ion: 42 Resp: 99814

Ion Ratio Lower Upper

42 100

74 97.9 91.8 137.6

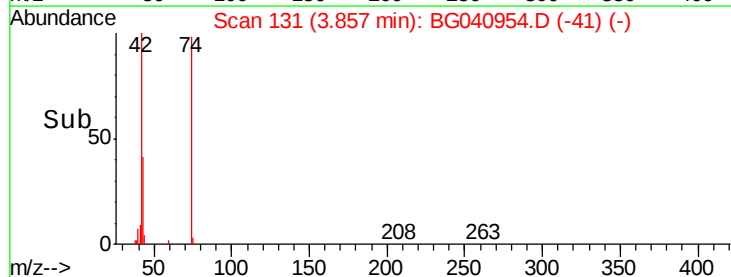
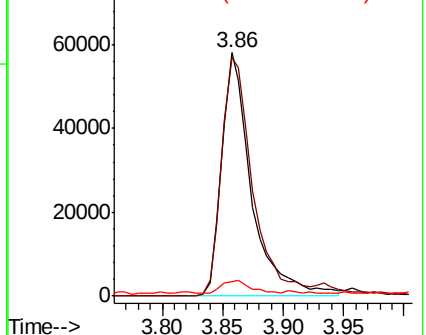
44 5.7 6.0 9.0#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 82.364 ng

RT: 5.66 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

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BNA_G

ClientSampleId :

SSTDCCC040EC

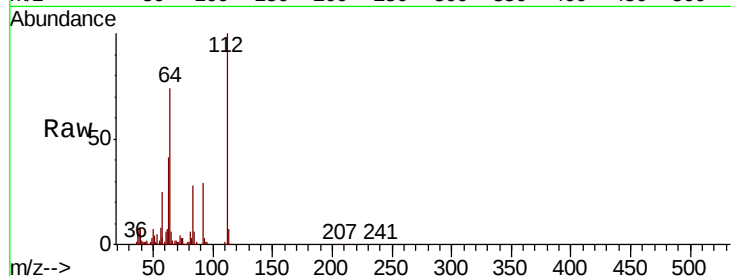
Tgt Ion: 112 Resp: 307063

Ion Ratio Lower Upper

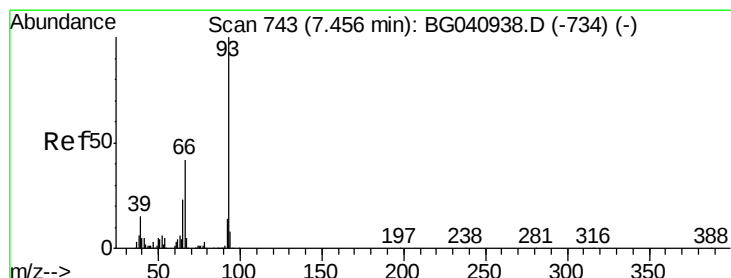
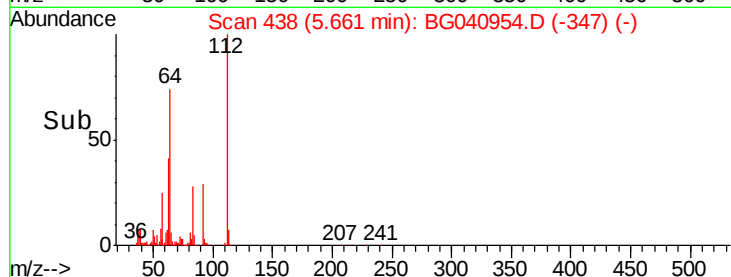
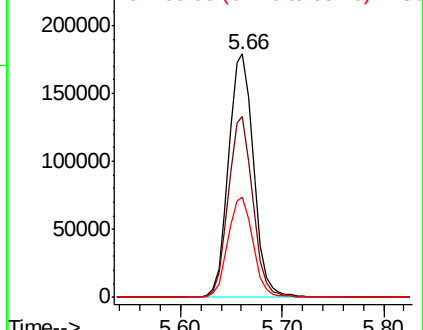
112 100

64 74.2 56.2 84.2

63 41.0 32.8 49.2



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: 41.445 ng

RT: 7.45 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

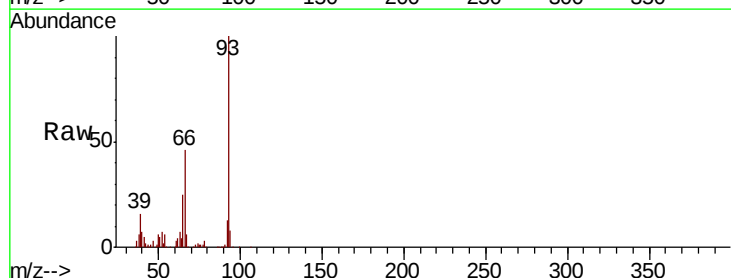
Tgt Ion: 93 Resp: 318519

Ion Ratio Lower Upper

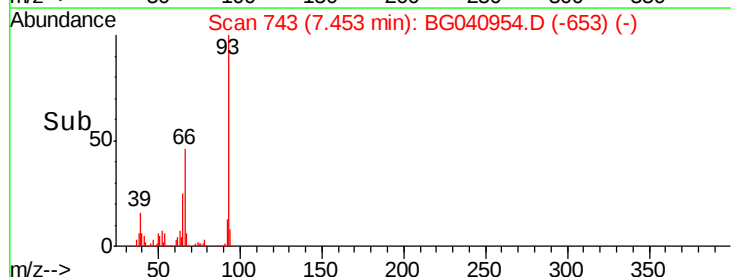
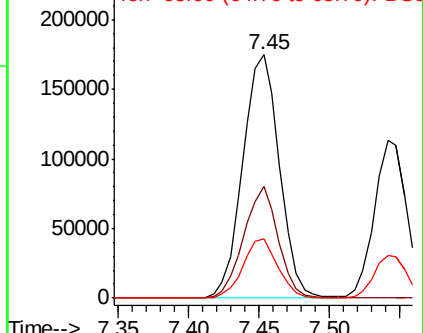
93 100

66 46.1 33.8 50.8

65 24.5 18.3 27.5



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





#7

Phenol-d6

Concen: 80.405 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG040954.D

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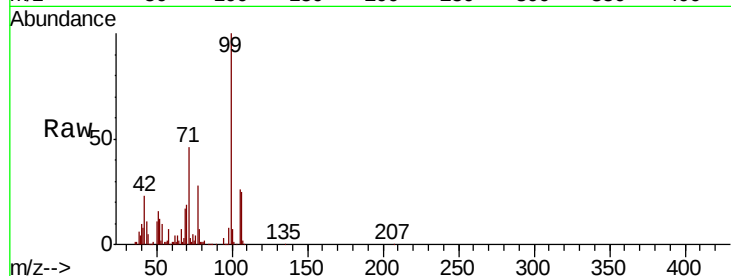
Tgt Ion: 99 Resp: 462948

Ion Ratio Lower Upper

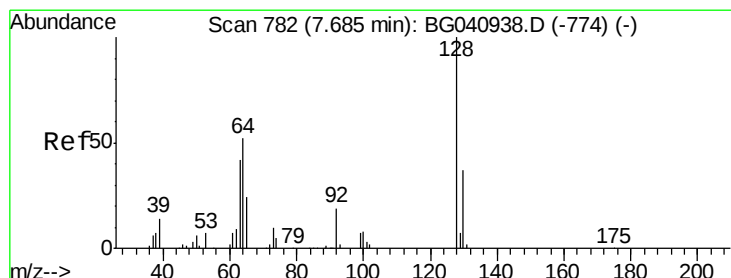
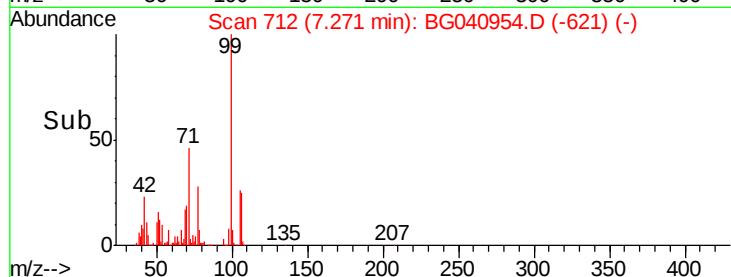
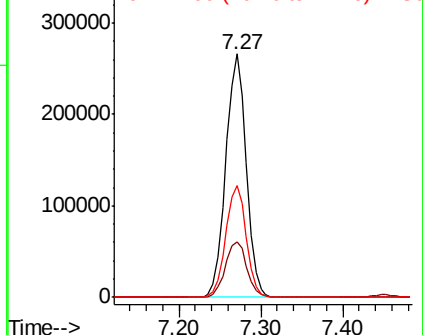
99 100

42 22.6 17.9 26.9

71 46.1 35.4 53.0



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



#8

2-Chlorophenol

Concen: 40.545 ng

RT: 7.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

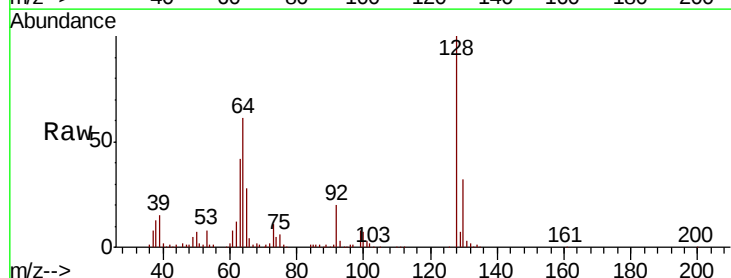
Tgt Ion: 128 Resp: 180205

Ion Ratio Lower Upper

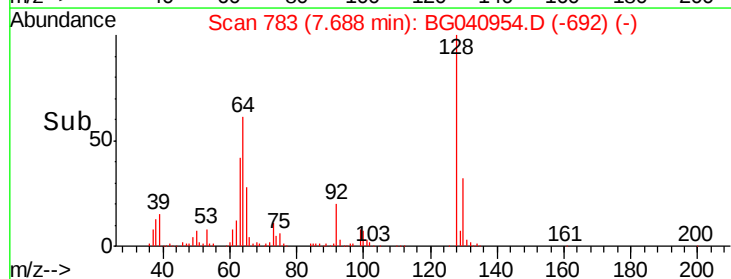
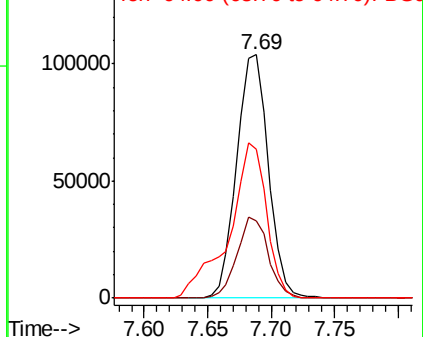
128 100

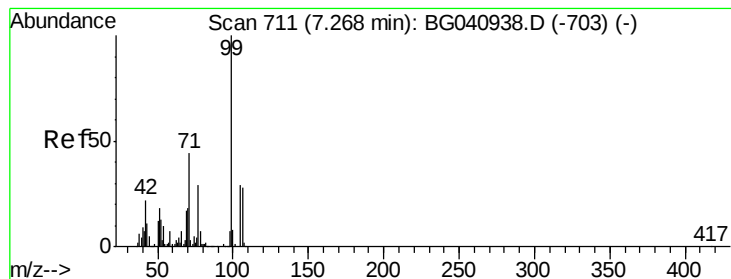
130 31.9 16.6 56.6

64 61.2 37.8 77.8



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





#9

Benzaldehyde

Concen: 42.957 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.00 min

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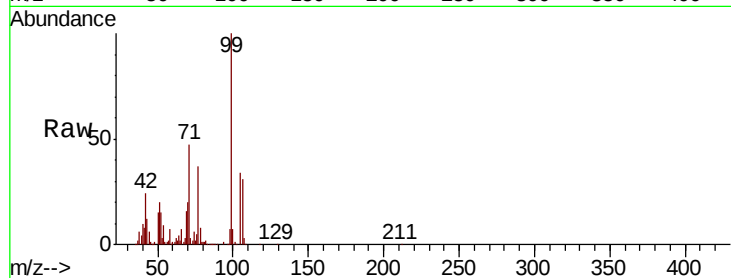
Tgt Ion: 77 Resp: 147543

Ion Ratio Lower Upper

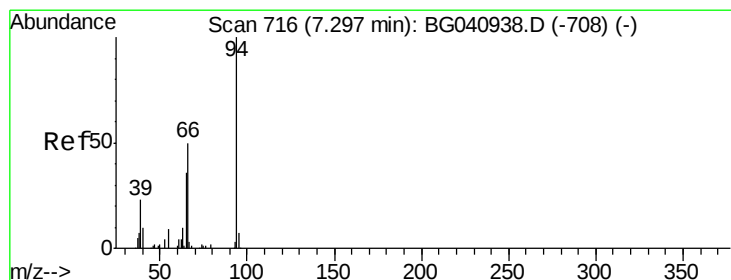
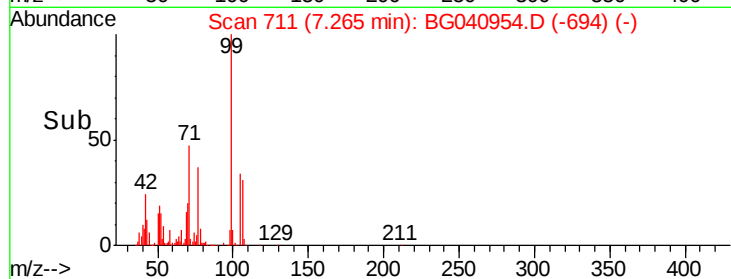
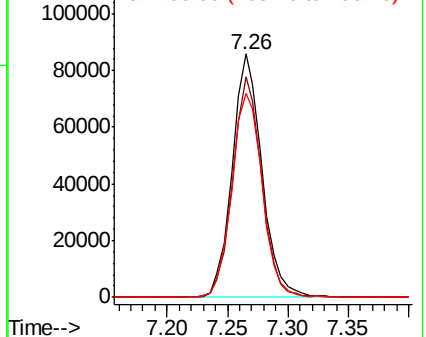
77 100

105 90.7 78.9 118.9

106 83.9 76.7 116.7



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



#10

Phenol

Concen: 40.664 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

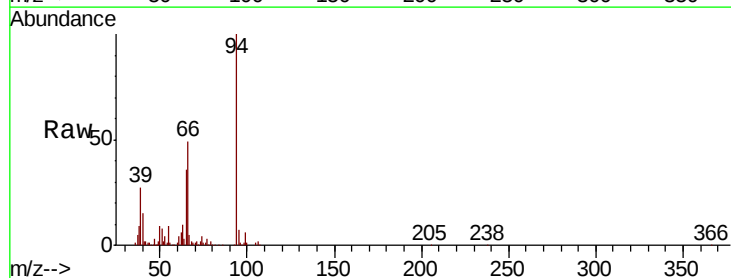
Tgt Ion: 94 Resp: 251034

Ion Ratio Lower Upper

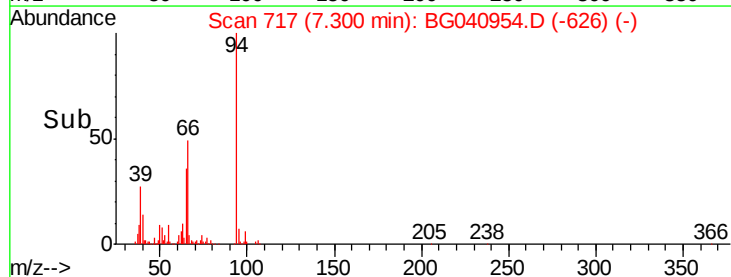
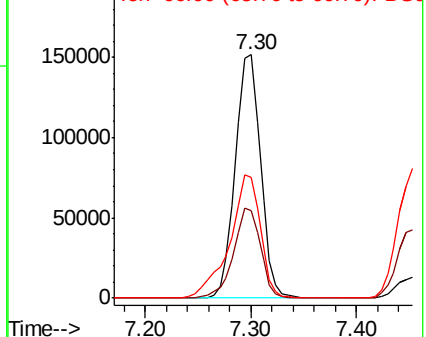
94 100

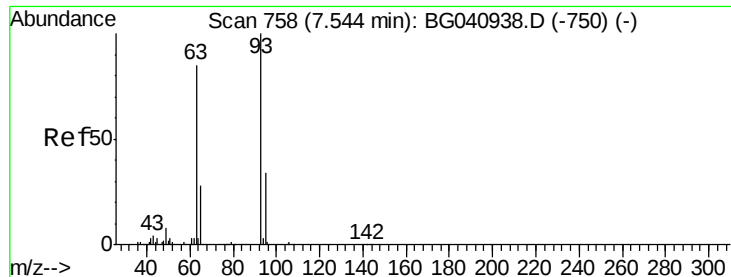
65 36.0 17.0 57.0

66 49.4 32.4 72.4



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

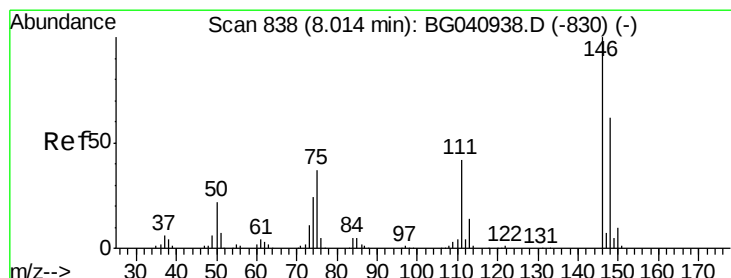
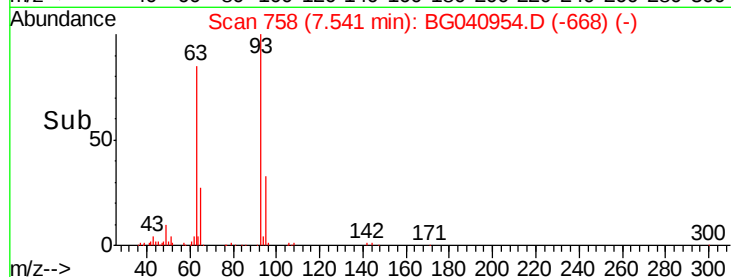
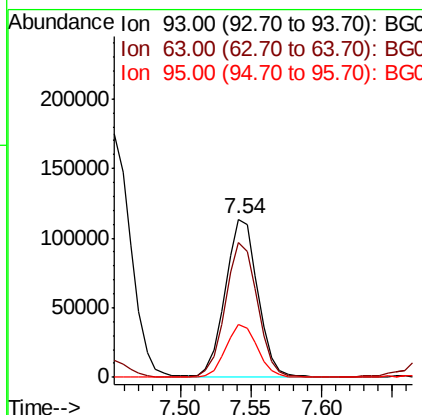
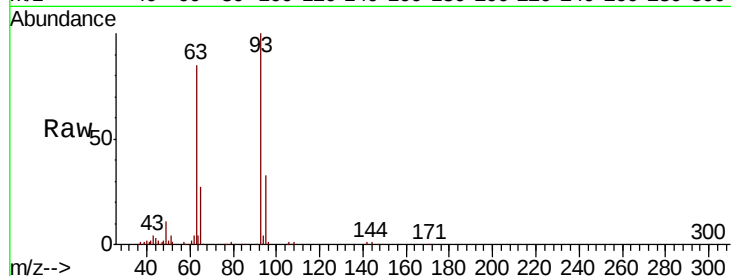




#11
 bis(2-Chloroethyl)ether
 Concen: 40.743 ng
 RT: 7.54 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BG040954.D
 Acq: 30 May 2019 16:23

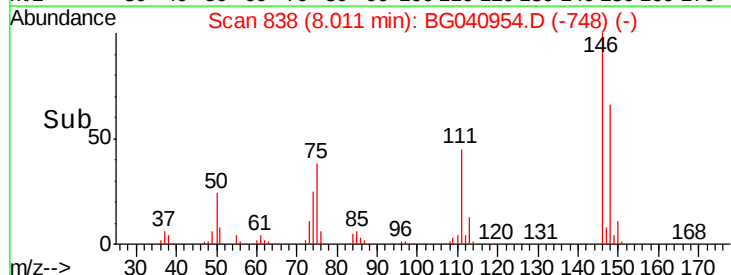
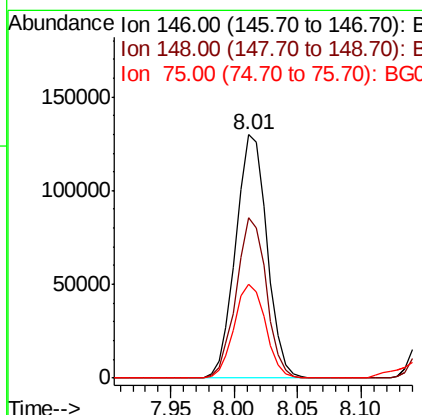
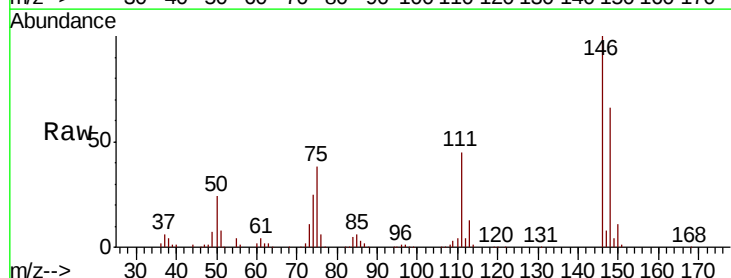
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

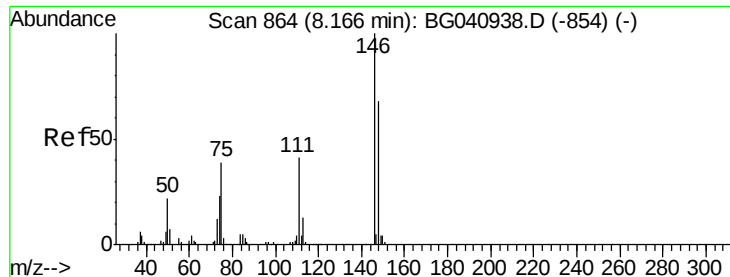
Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.2	64.5	104.5
95	33.3	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 41.781 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BG040954.D
 Acq: 30 May 2019 16:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	49.2	73.8
75	38.4	29.4	44.0





#13

1,4-Dichlorobenzene

Concen: 41.763 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

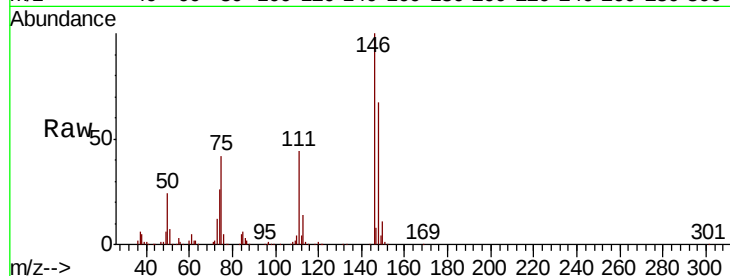
Tgt Ion:146 Resp: 224407

Ion Ratio Lower Upper

146 100

148 66.8 54.2 81.4

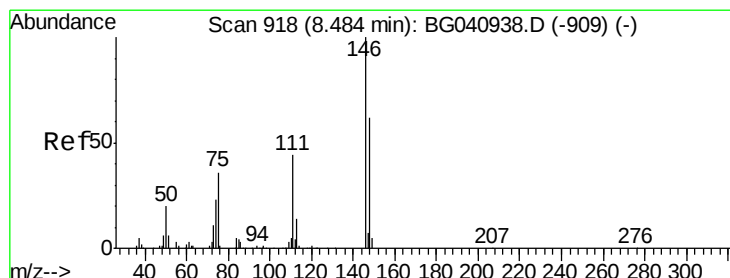
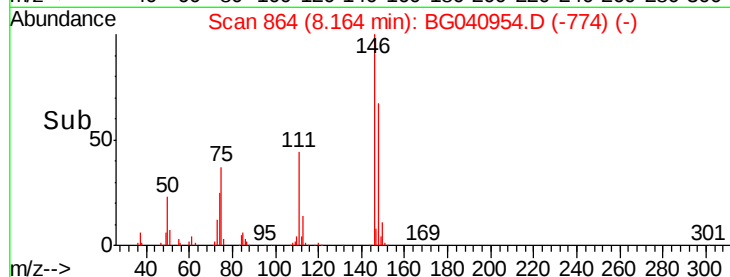
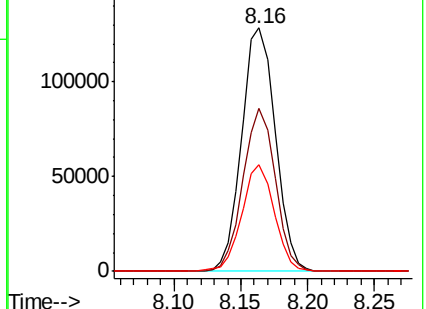
111 43.7 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.412 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

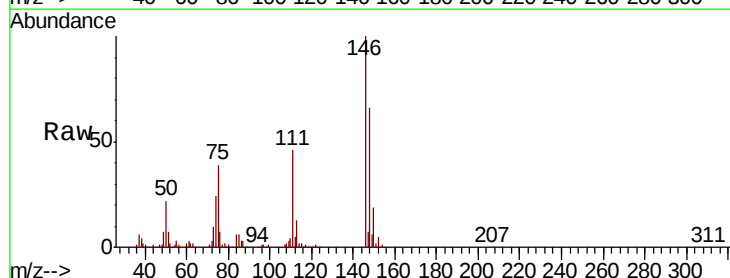
Tgt Ion:146 Resp: 216059

Ion Ratio Lower Upper

146 100

148 66.1 49.8 74.6

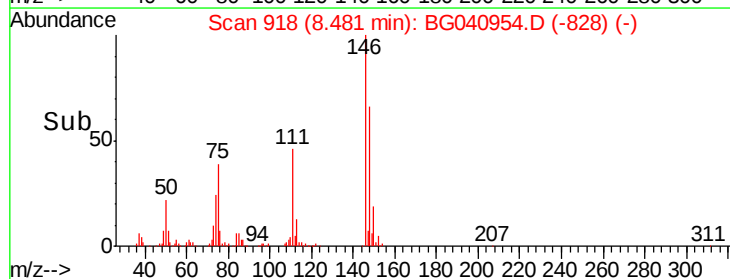
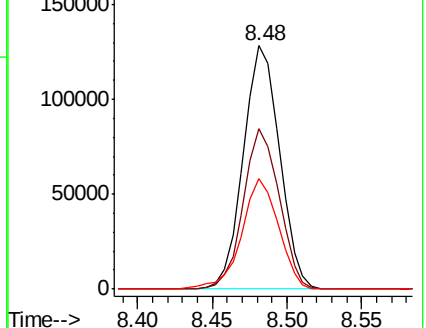
111 45.6 35.0 52.4

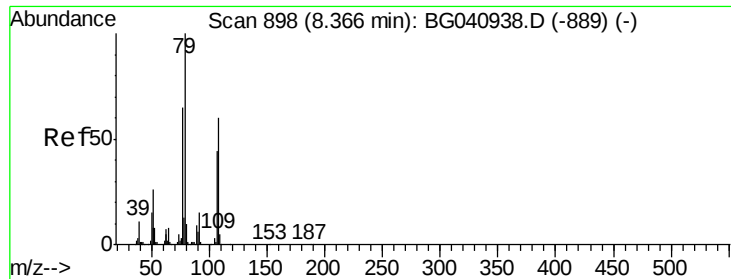


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.557 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

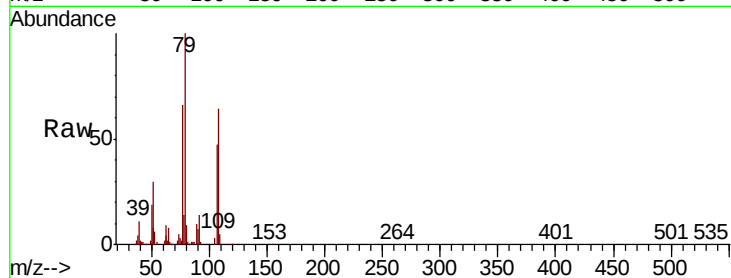
Tgt Ion: 79 Resp: 221338

Ion Ratio Lower Upper

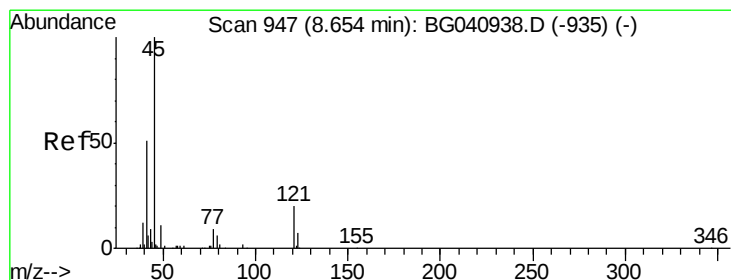
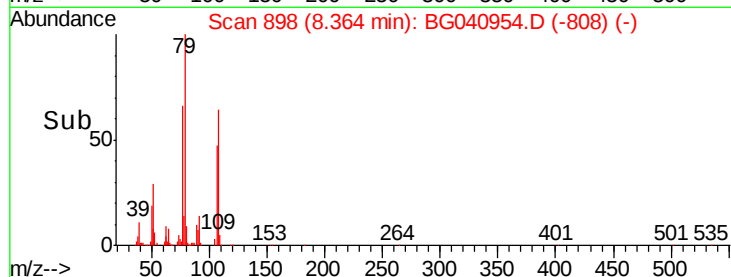
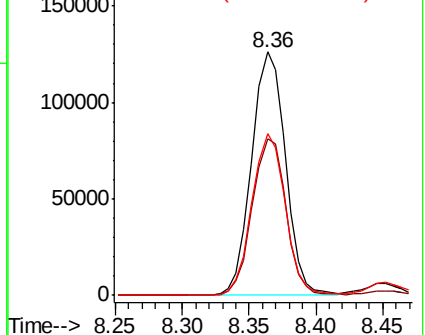
79 100

108 64.4 48.3 72.5

77 66.5 52.3 78.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.426 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

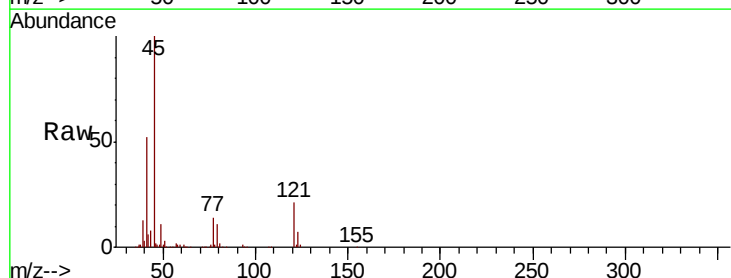
Tgt Ion: 45 Resp: 295841

Ion Ratio Lower Upper

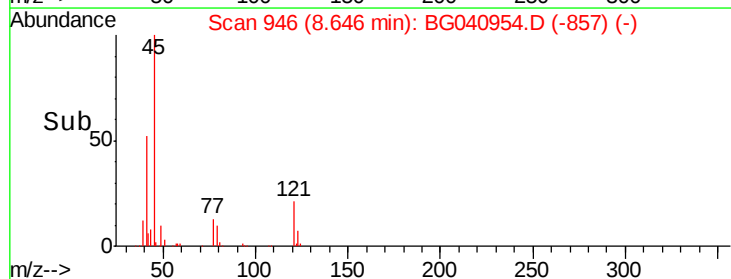
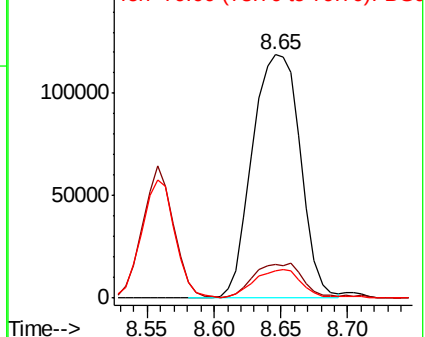
45 100

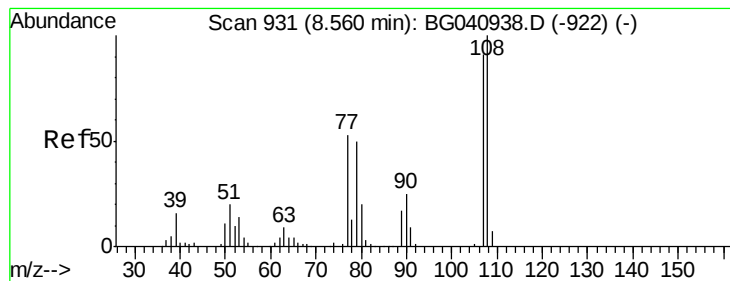
77 13.8 0.0 33.7

79 11.1 0.0 30.2



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





#17

2-Methylphenol

Concen: 40.516 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 181100

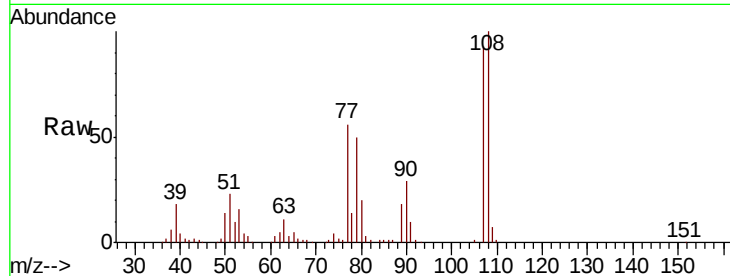
Ion Ratio Lower Upper

107 100

108 107.7 87.7 131.5

77 60.2 46.6 70.0

79 53.9 44.6 66.8

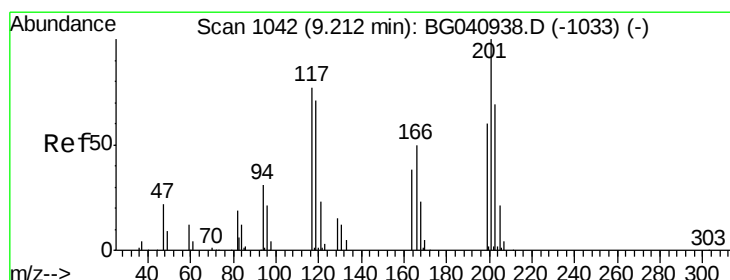
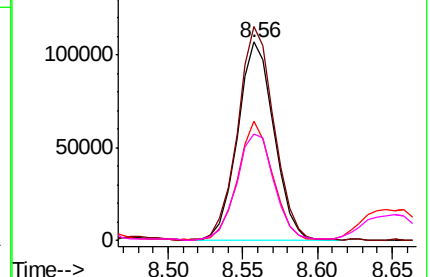
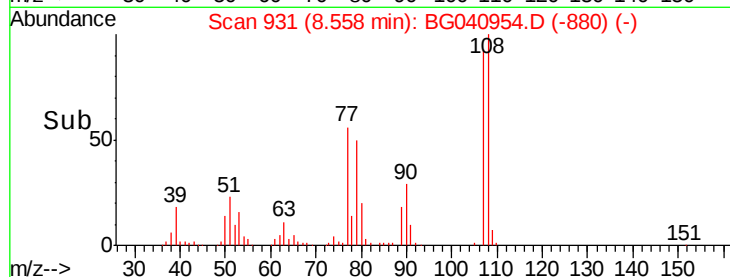


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 42.193 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

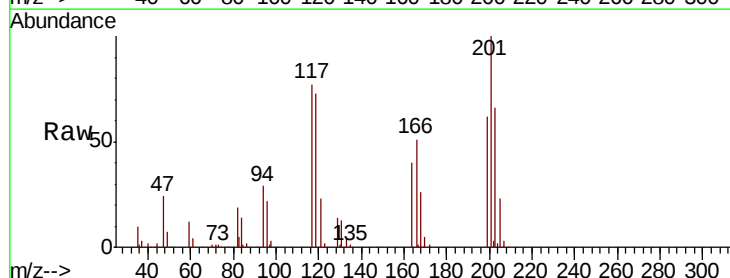
Tgt Ion:117 Resp: 87381

Ion Ratio Lower Upper

117 100

119 94.7 75.0 112.6

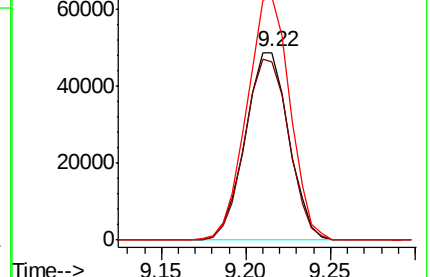
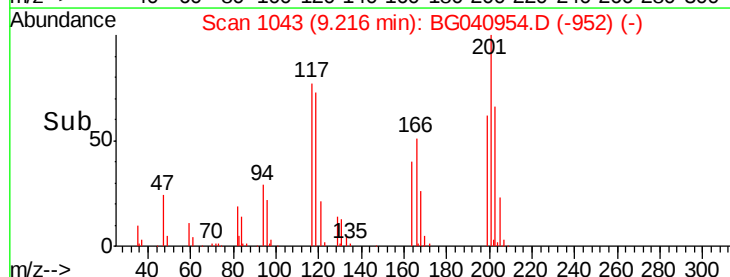
201 129.6 103.5 155.3



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

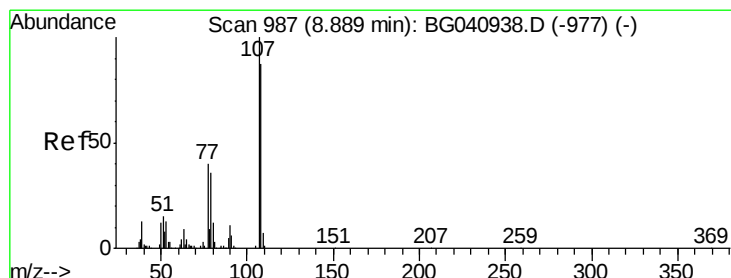
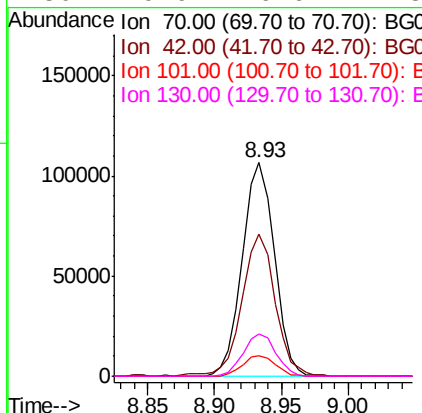
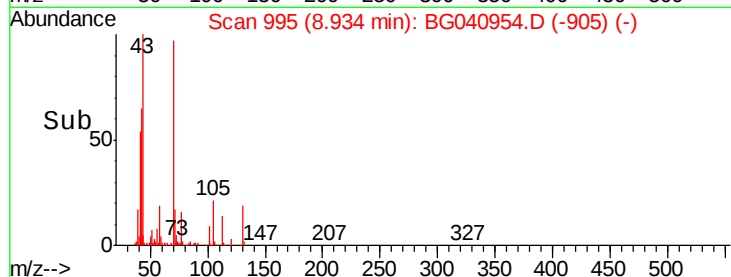
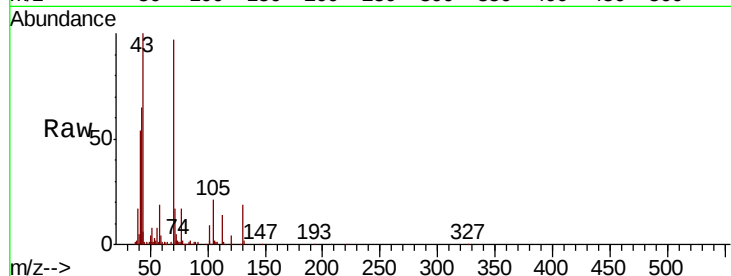




#19
n-Nitroso-di-n-propylamine
Concen: 40.167 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

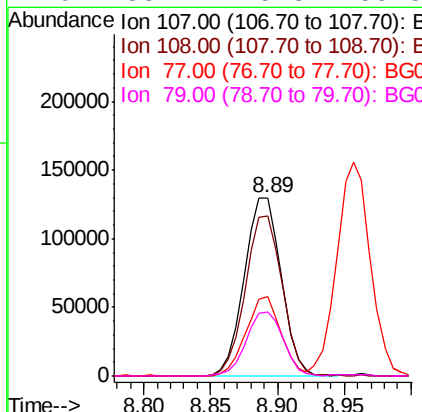
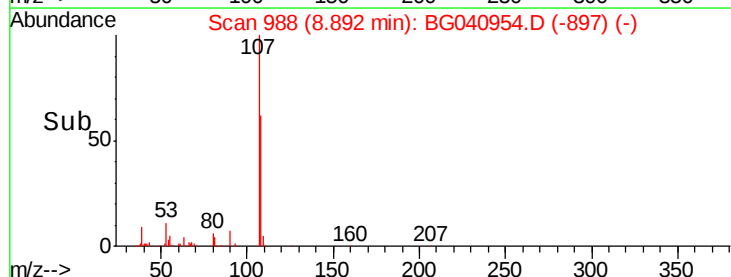
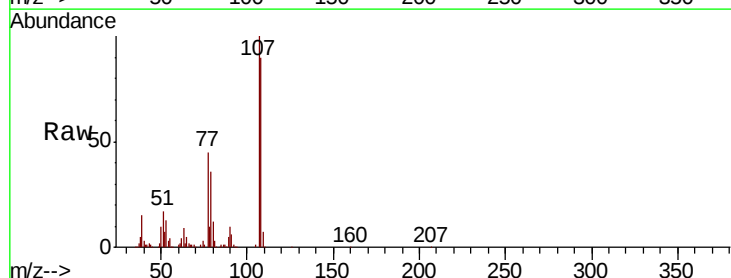
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

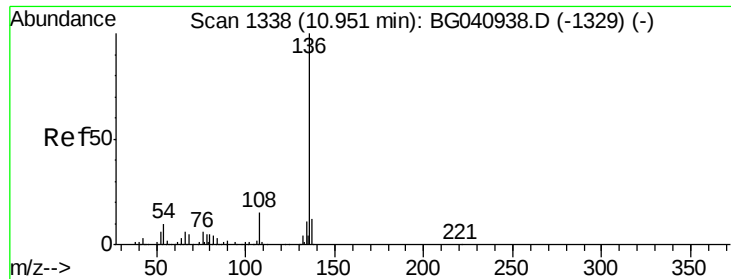
Tgt Ion:	70	Resp:	177975
Ion	Ratio	Lower	Upper
70	100		
42	66.3	51.5	77.3
101	9.7	8.1	12.1
130	19.9	16.6	24.8



#20
3+4-Methylphenols
Concen: 40.208 ng
RT: 8.89 min Scan# 988
Delta R.T. 0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Tgt Ion:	107	Resp:	248954
Ion	Ratio	Lower	Upper
107	100		
108	89.6	66.8	106.8
77	44.5	20.5	60.5
79	35.7	15.8	55.8

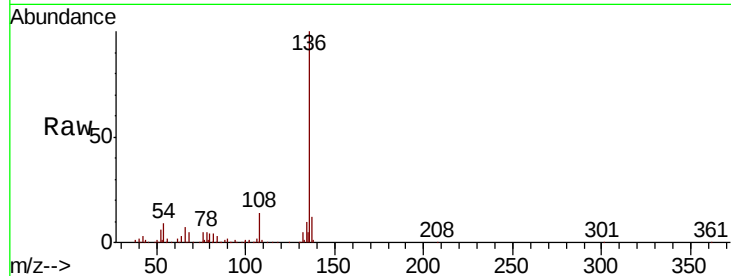




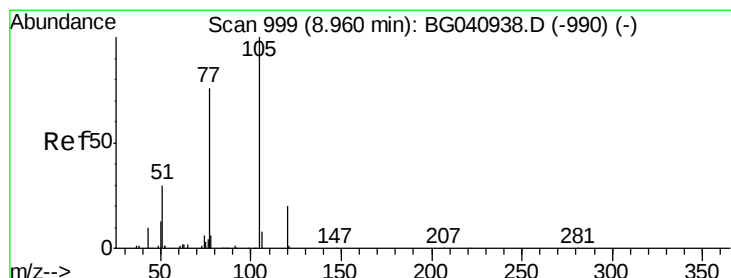
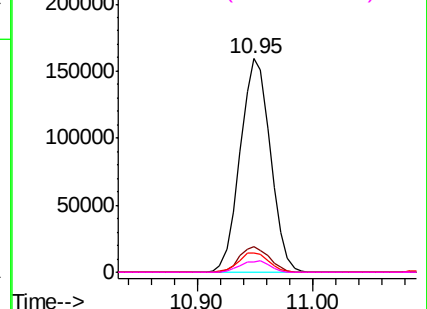
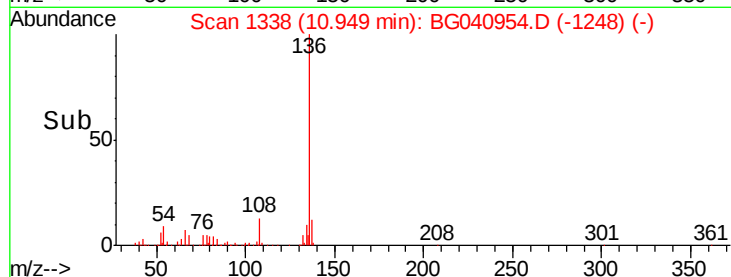
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	287977
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	8.9	7.6	11.4
68	4.8	3.9	5.9

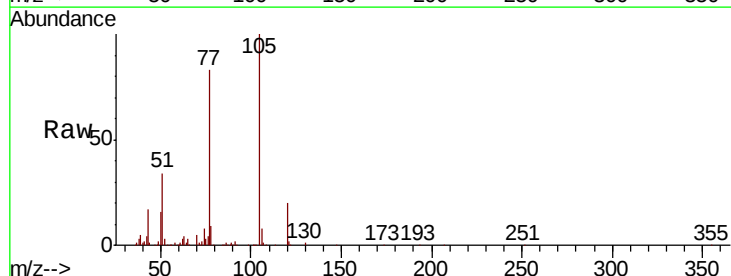


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

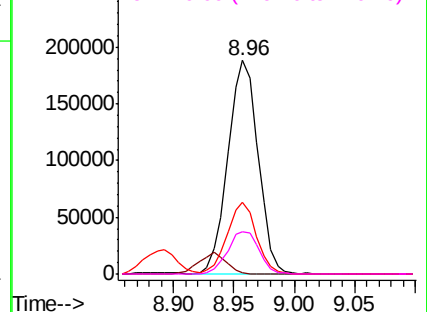
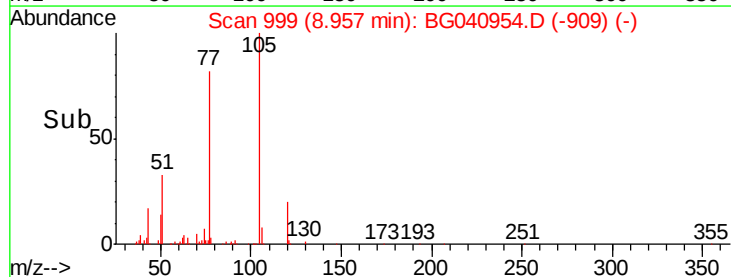


#22
Acetophenone
Concen: 40.528 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Tgt Ion:	105	Resp:	327399
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6#
51	33.6	27.0	40.6
120	20.0	16.2	24.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

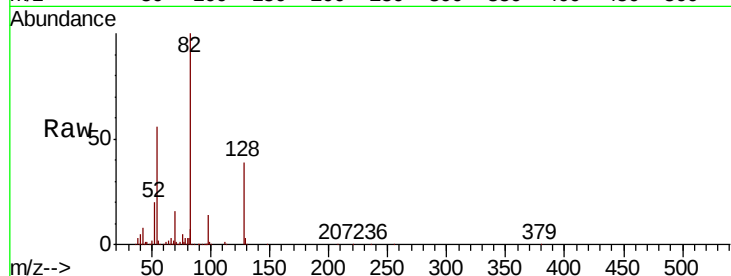




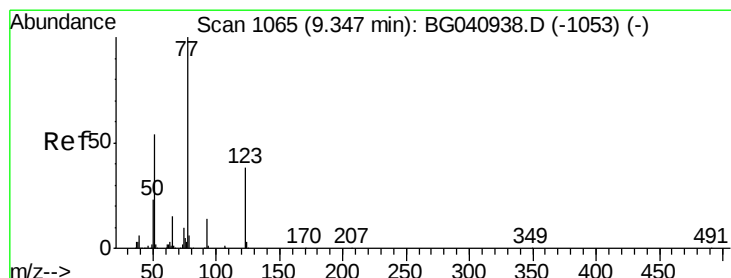
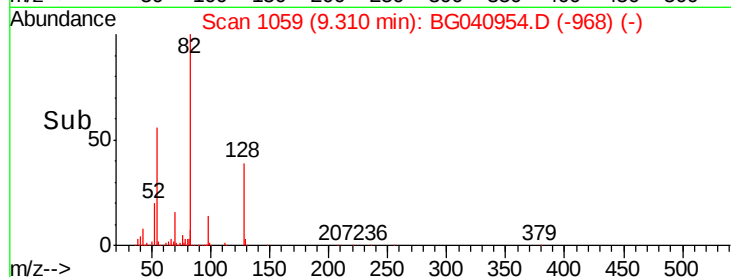
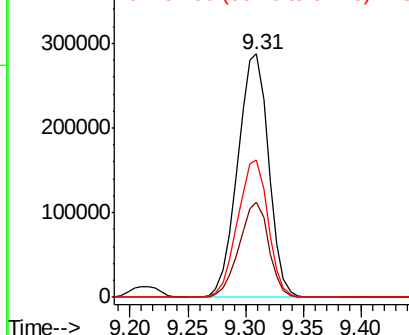
#23
 Nitrobenzene-d5
 Concen: 82.461 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BG040954.D
 Acq: 30 May 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.5	45.7
54	56.3	44.6	66.8

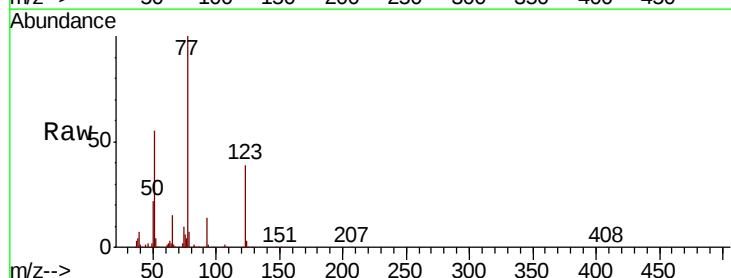


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

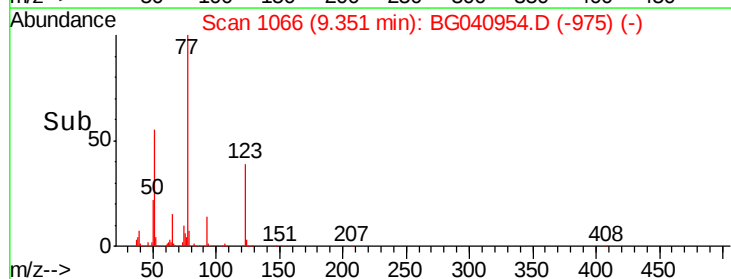
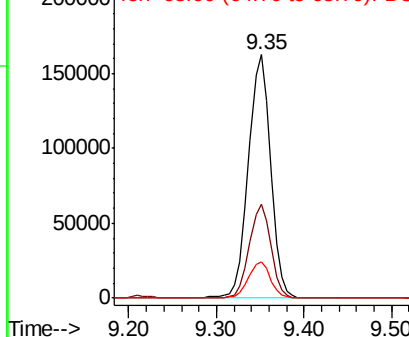


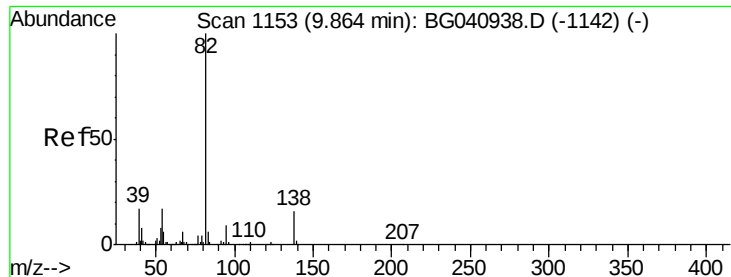
#24
 Nitrobenzene
 Concen: 42.217 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BG040954.D
 Acq: 30 May 2019 16:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.7	30.6	46.0
65	15.1	12.3	18.5



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





#25

Isophorone

Concen: 39.633 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

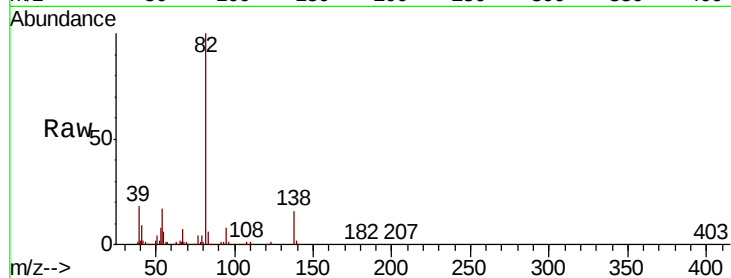
Tgt Ion: 82 Resp: 489268

Ion Ratio Lower Upper

82 100

95 7.6 7.0 10.4

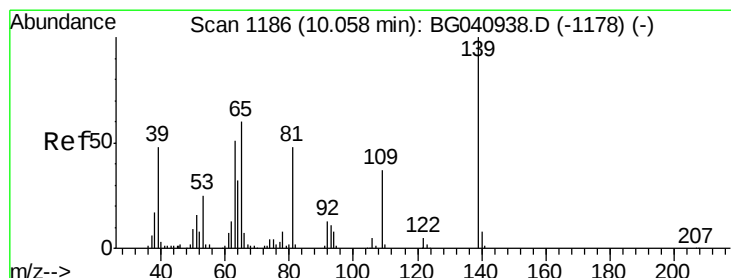
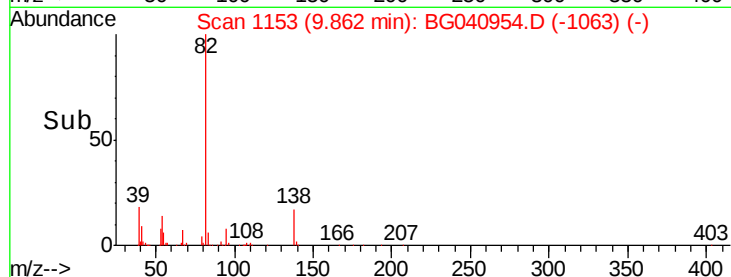
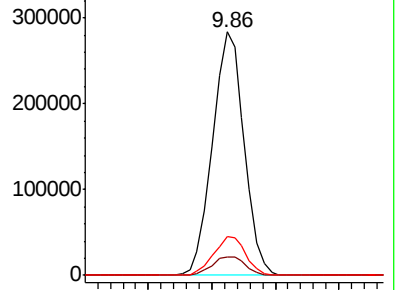
138 15.7 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG040938.D (-1142) (-)

Ion 95.00 (94.70 to 95.70): BG040938.D (-1142) (-)

Ion 138.00 (137.70 to 138.70): BG040938.D (-1142) (-)



#26

2-Nitrophenol

Concen: 42.736 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

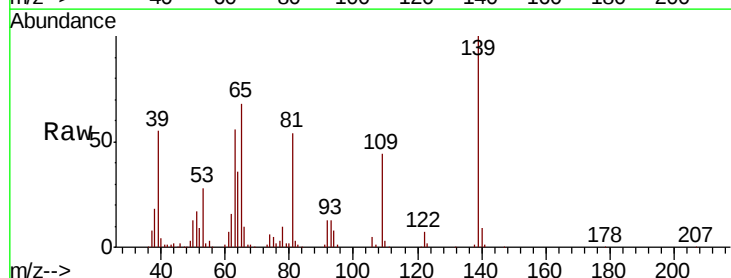
Tgt Ion: 139 Resp: 116468

Ion Ratio Lower Upper

139 100

109 44.2 29.8 44.6

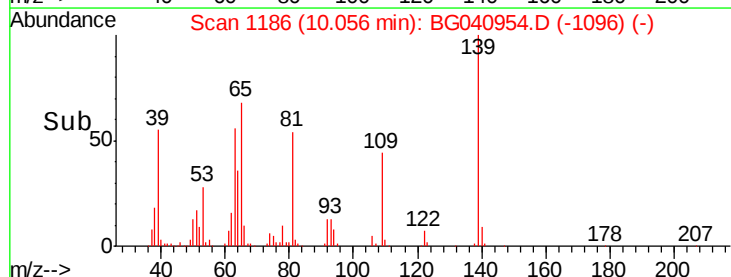
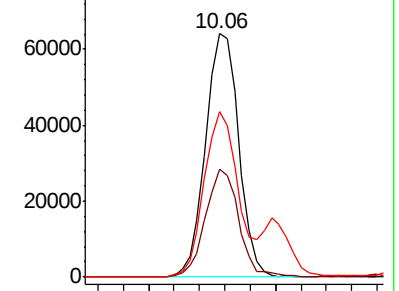
65 68.1 47.8 71.6

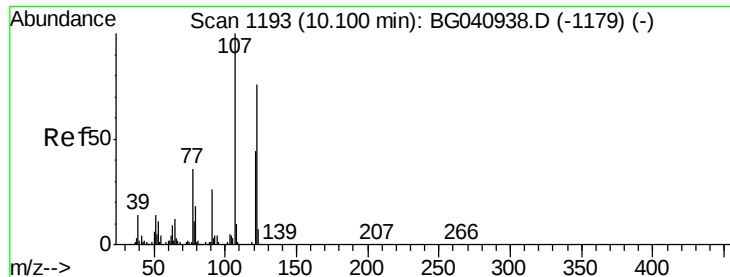


Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BG040938.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BG040938.D (-1178) (-)

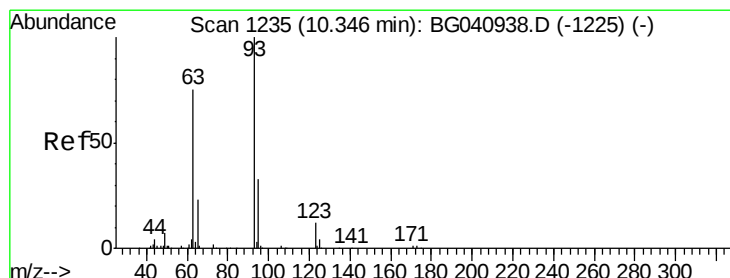
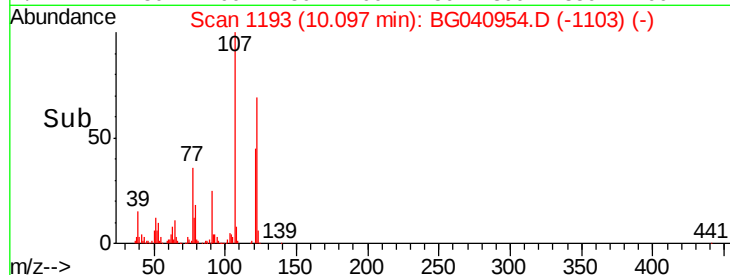
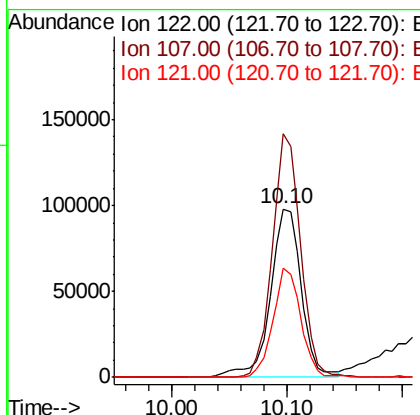
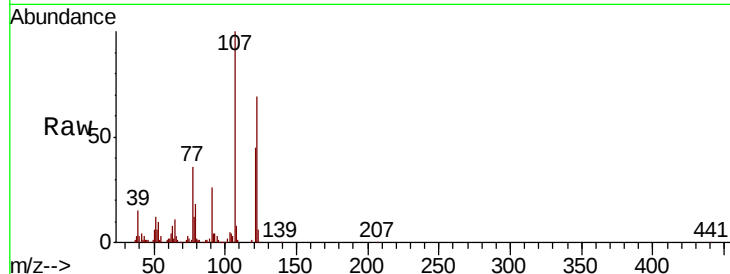




#27
2,4-Dimethylphenol
Concen: 40.540 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

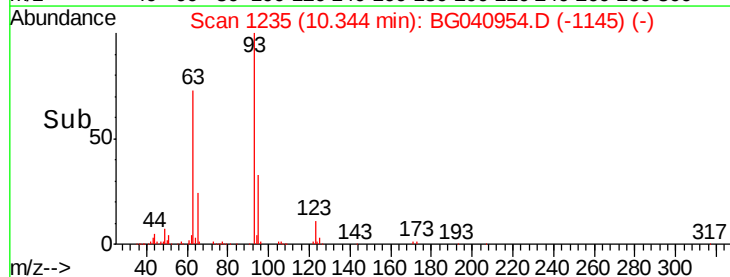
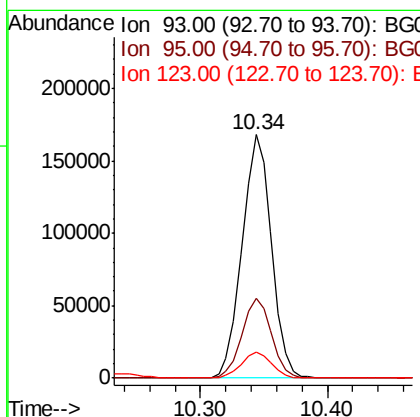
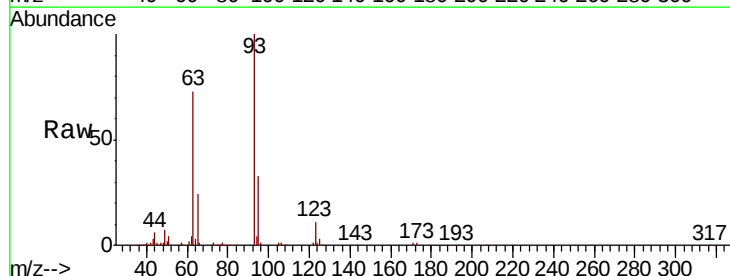
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
122	100		
107	144.7	105.9	158.9
121	64.7	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.401 ng
RT: 10.34 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.2
123	10.8	9.5	14.3

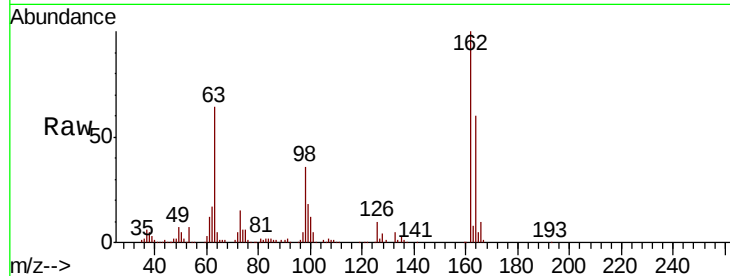




#29
2,4-Dichlorophenol
Concen: 40.021 ng
RT: 10.58 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	59.5	39.4	79.4
98	36.1	15.3	55.3

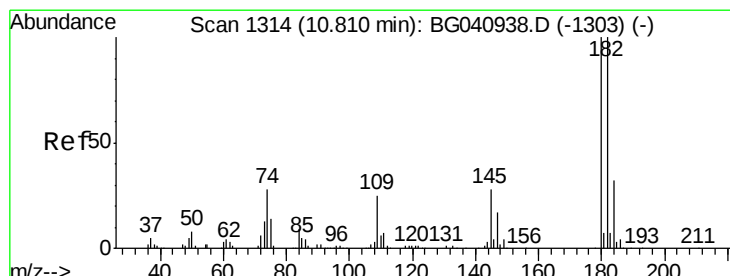
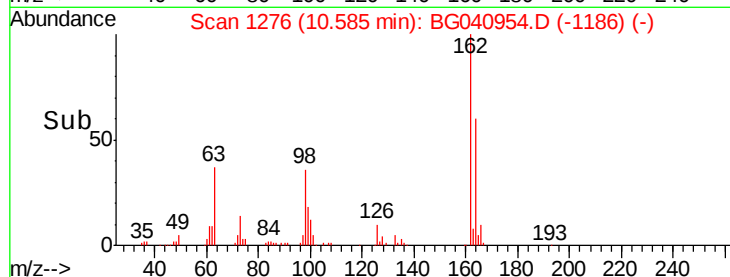
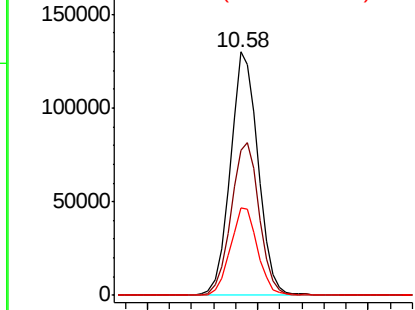


Abundance

Ion 162.00 (161.70 to 162.70): E

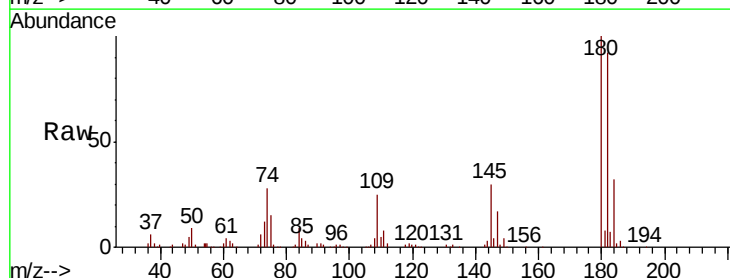
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 41.327 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	79.7	119.5
145	29.7	22.6	34.0

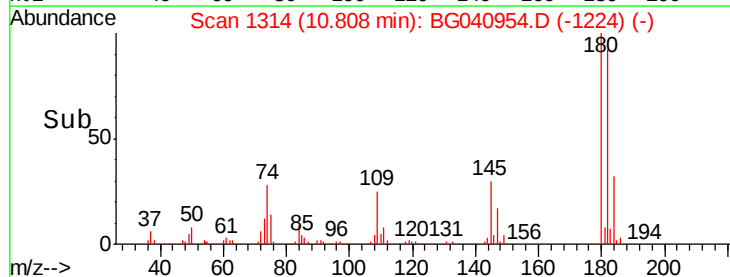
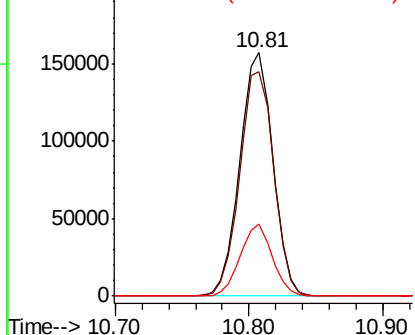


Abundance

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

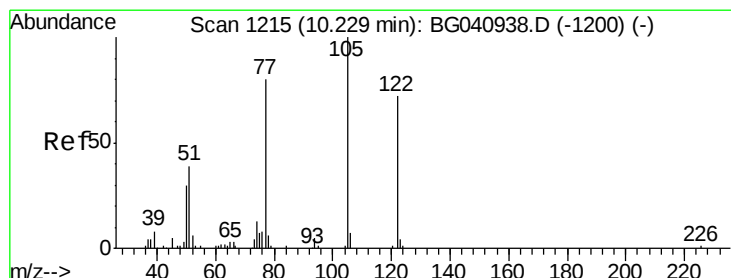
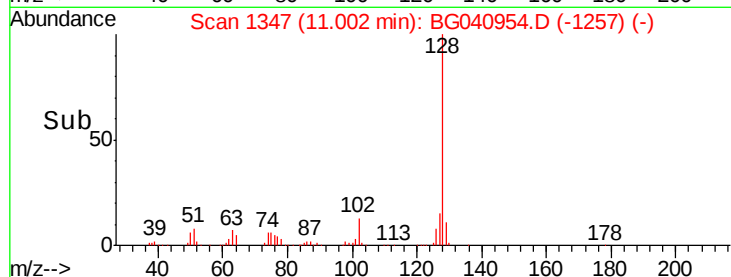
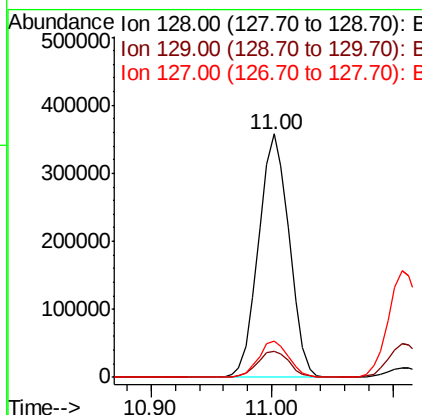
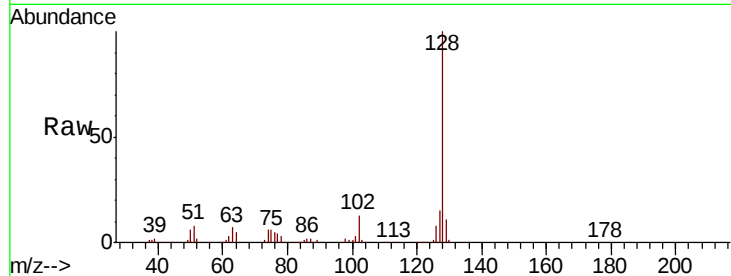




#31
Naphthalene
Concen: 40.545 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

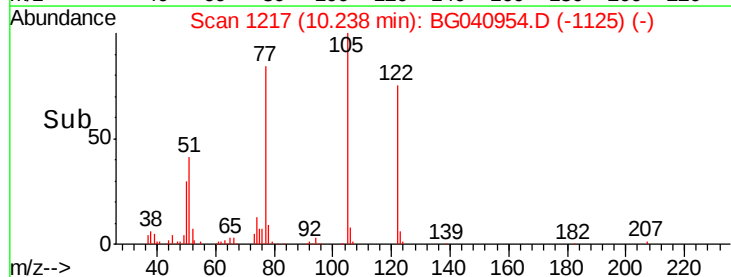
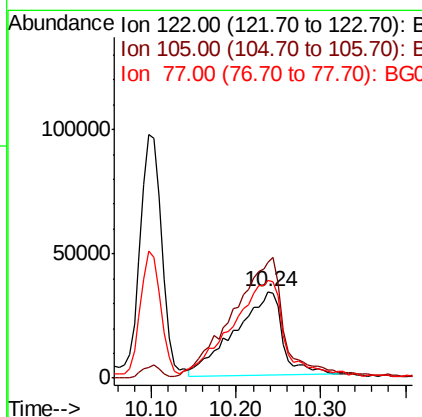
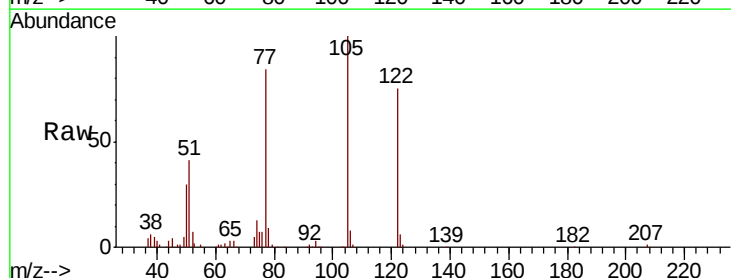
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

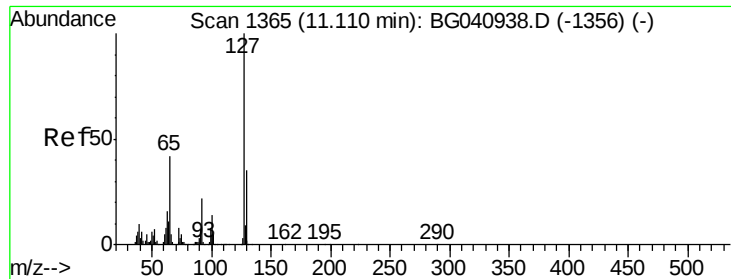
Tgt Ion:128 Resp: 626892
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 14.8 11.4 17.2



#32
Benzoic acid
Concen: 39.824 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Tgt Ion:122 Resp: 133540
Ion Ratio Lower Upper
122 100
105 134.1 114.8 154.8
77 112.6 89.9 129.9

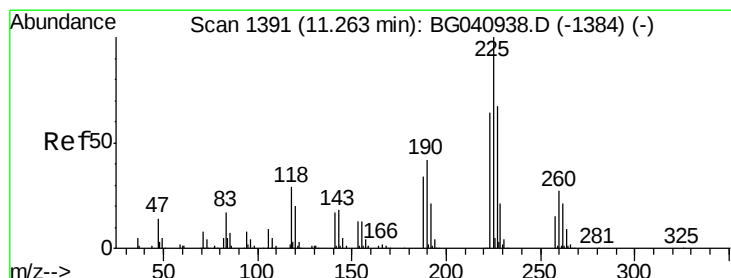
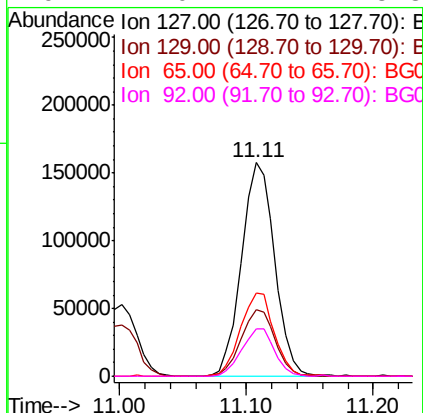
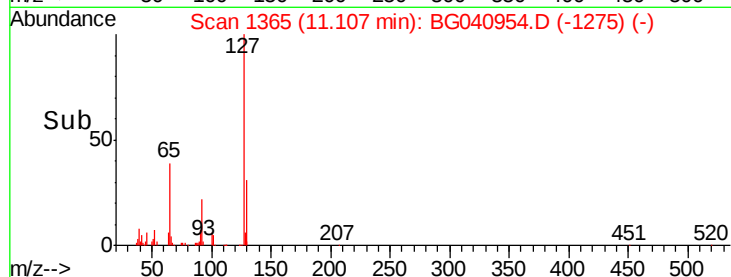
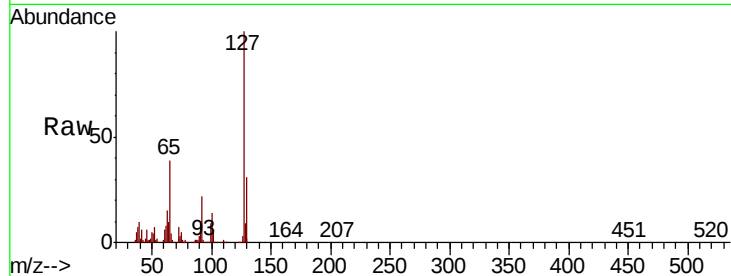




#33
4-Chloroaniline
Concen: 39.940 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

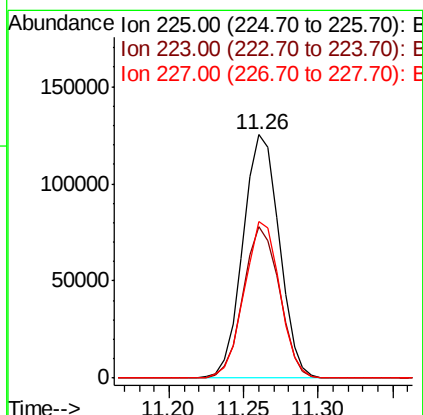
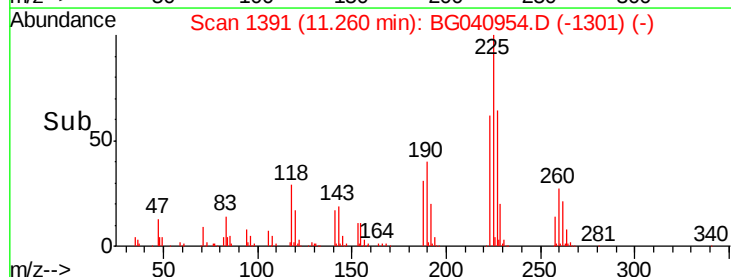
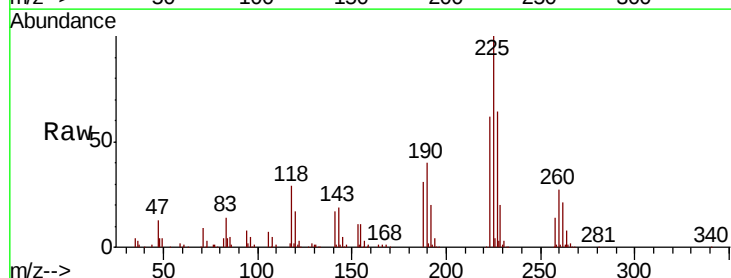
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

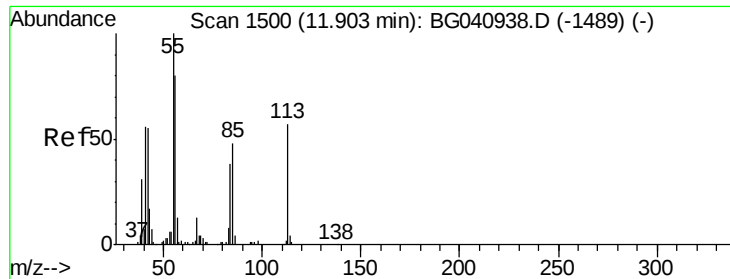
Tgt Ion:	127	Resp:	286534
Ion	Ratio	Lower	Upper
127	100		
129	31.4	27.7	41.5
65	38.9	33.2	49.8
92	22.0	17.2	25.8



#34
Hexachlorobutadiene
Concen: 42.463 ng
RT: 11.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Tgt Ion:	225	Resp:	211256
Ion	Ratio	Lower	Upper
225	100		
223	62.1	48.8	73.2
227	64.3	51.4	77.0





#35

Caprolactam

Concen: 38.087 ng

RT: 11.91 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

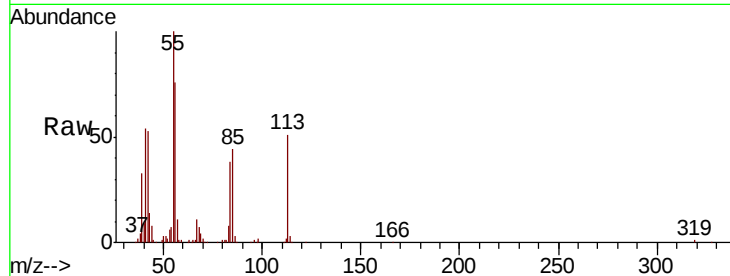
Tgt Ion:113 Resp: 71887

Ion Ratio Lower Upper

113 100

55 196.1 155.9 195.9#

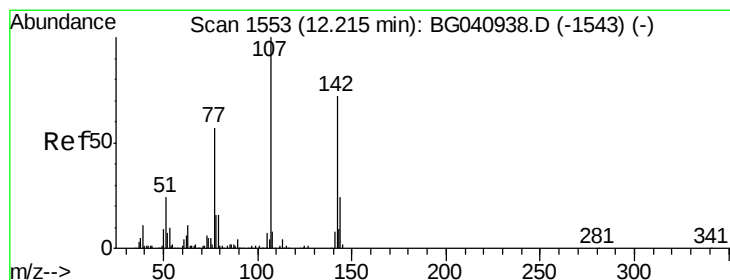
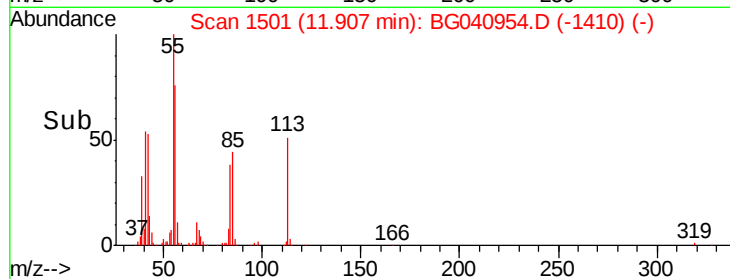
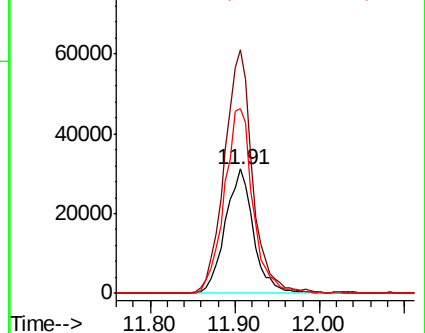
56 148.5 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 38.979 ng

RT: 12.21 min Scan# 1553

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

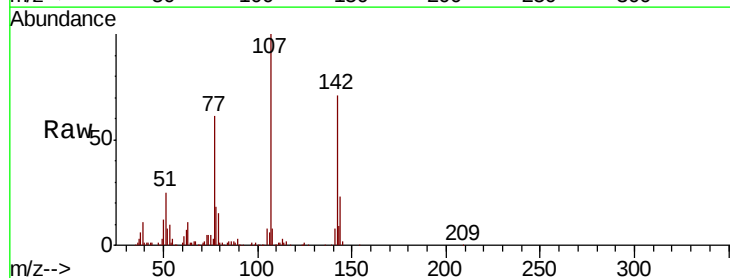
Tgt Ion:107 Resp: 254443

Ion Ratio Lower Upper

107 100

144 23.2 19.4 29.0

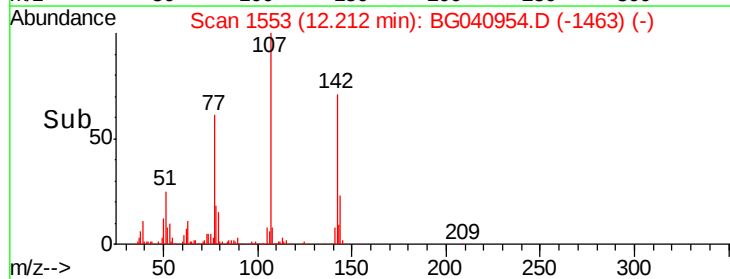
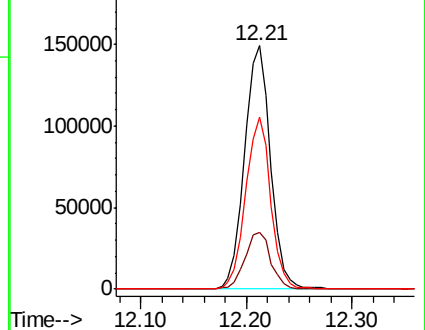
142 70.7 57.3 85.9

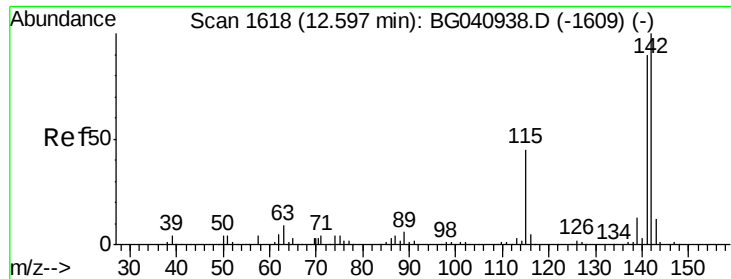


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

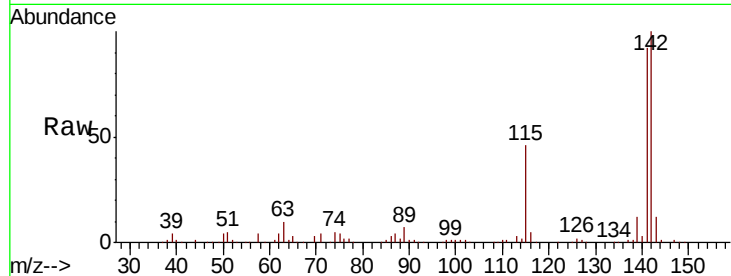




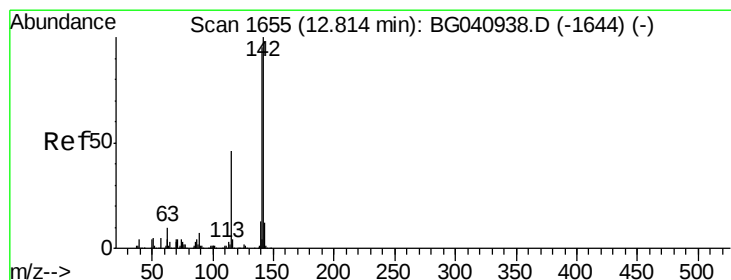
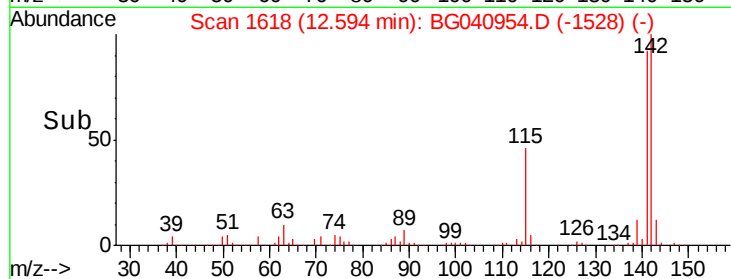
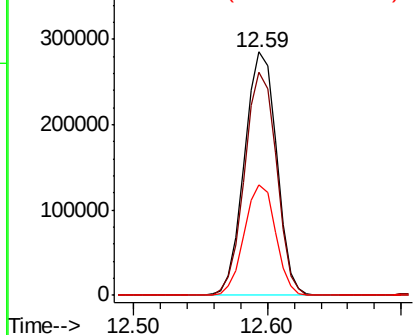
#37
2-Methylnaphthalene
Concen: 39.795 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.2	108.4
115	45.6	36.2	54.4

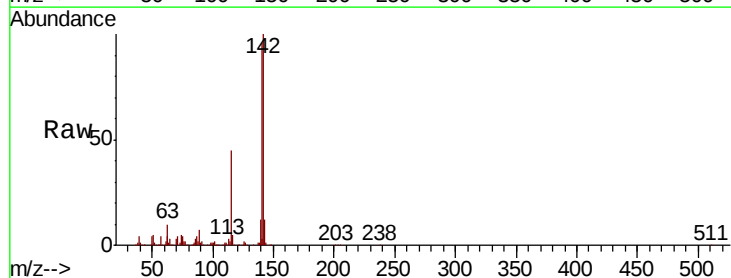


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

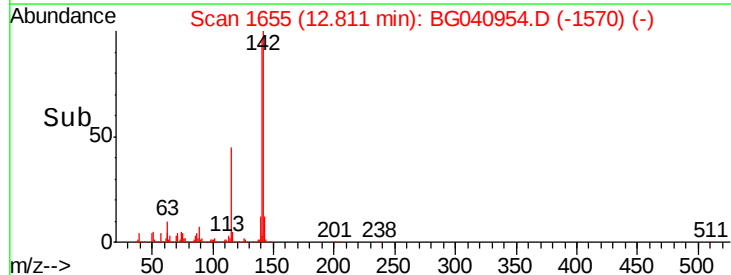
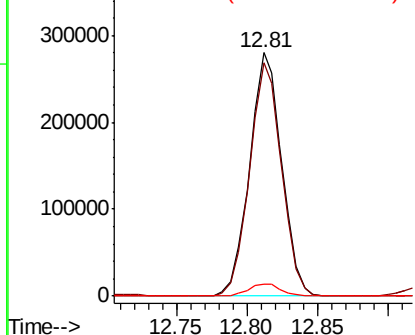


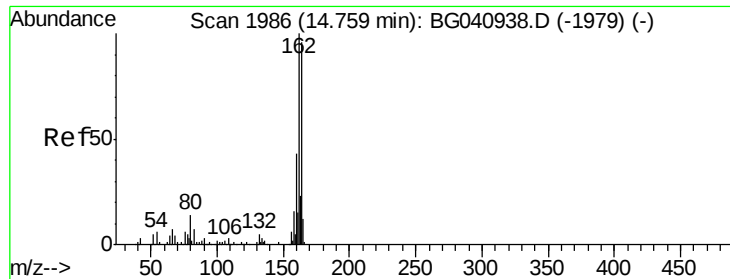
#38
1-Methylnaphthalene
Concen: 39.777 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	75.7	113.5
116	5.0	3.4	5.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

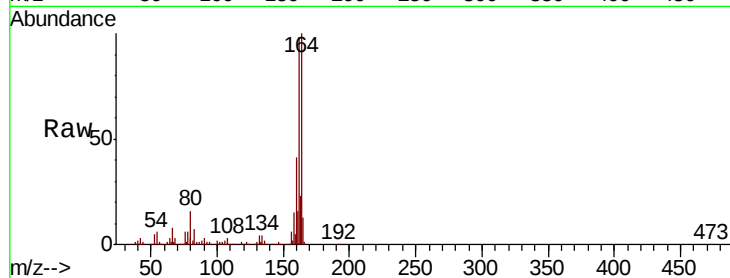
Tgt Ion:164 Resp: 206136

Ion Ratio Lower Upper

164 100

162 97.7 83.0 124.4

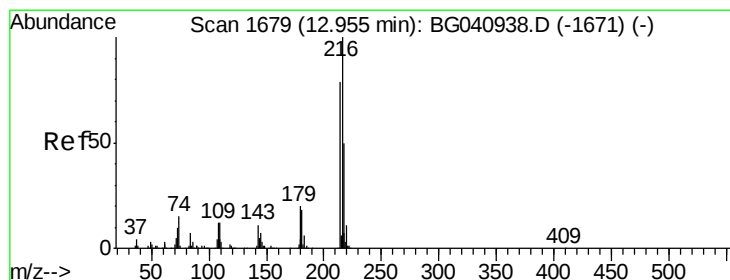
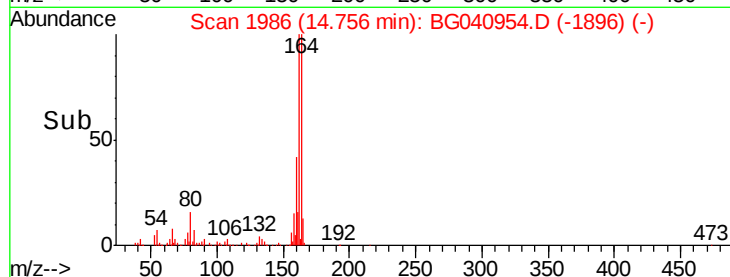
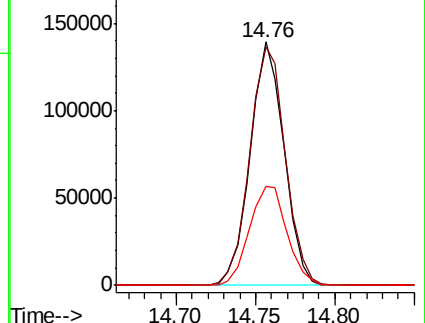
160 40.7 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.258 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Tgt Ion:216 Resp: 351094

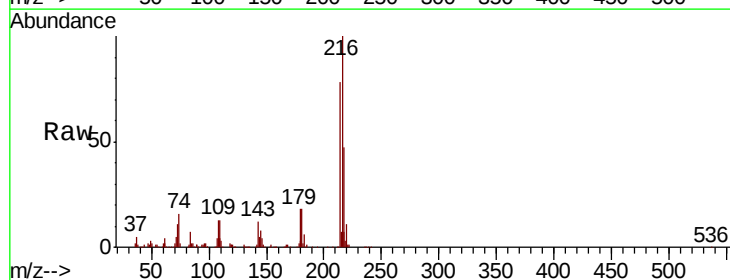
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 19.0 15.2 22.8

108 14.5 11.4 17.2

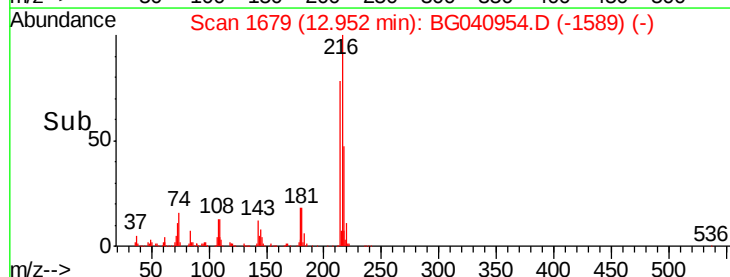
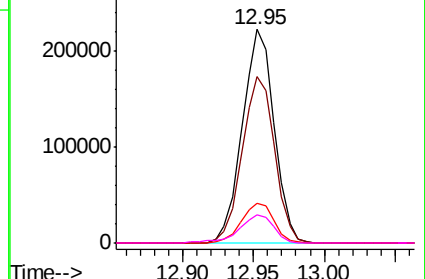


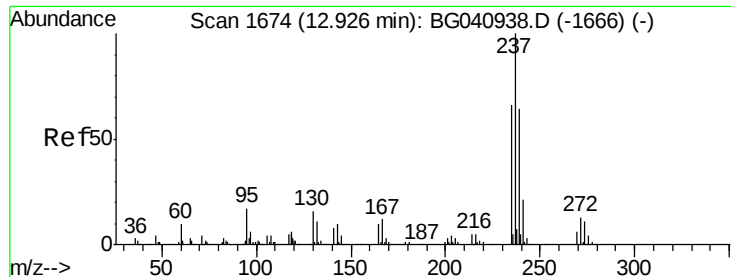
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 35.556 ng

RT: 12.92 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

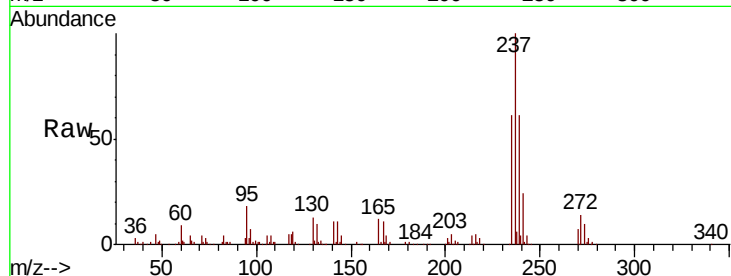
Tgt Ion:237 Resp: 136022

Ion Ratio Lower Upper

237 100

235 61.3 45.5 85.5

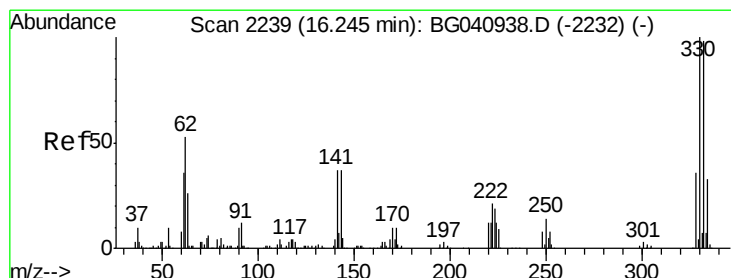
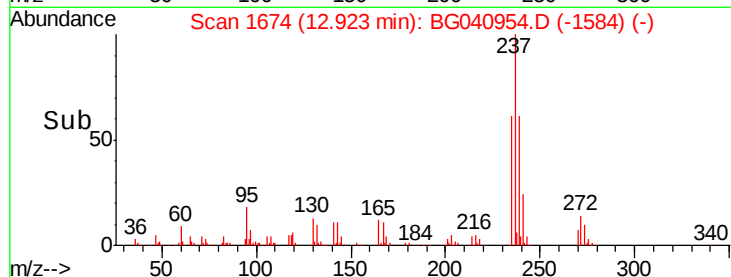
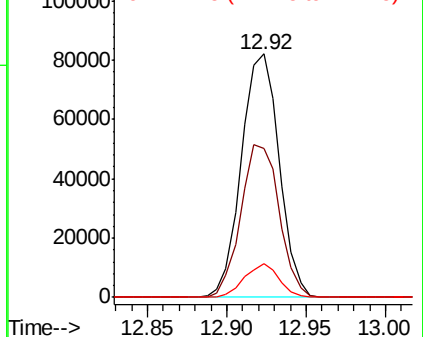
272 13.7 0.0 32.9



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: 78.982 ng

RT: 16.24 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

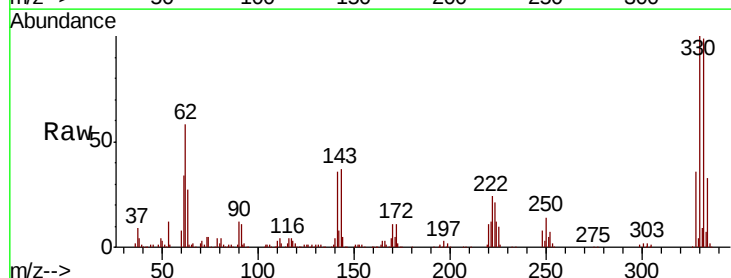
Tgt Ion:330 Resp: 241703

Ion Ratio Lower Upper

330 100

332 97.1 78.5 117.7

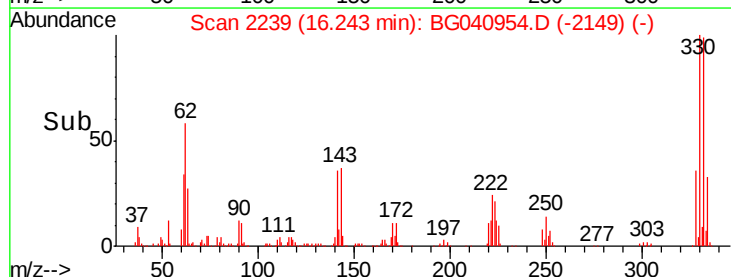
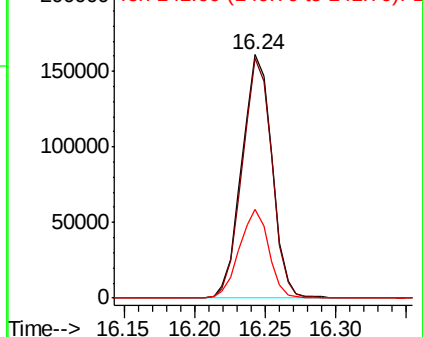
141 35.4 28.7 43.1

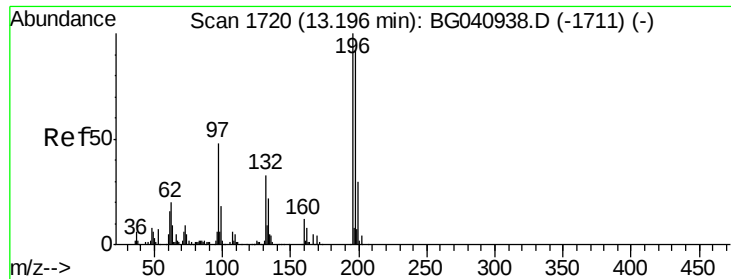


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

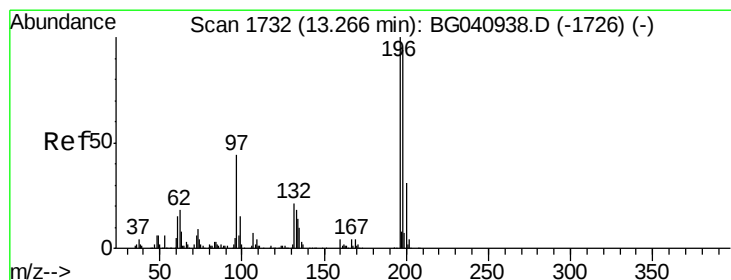
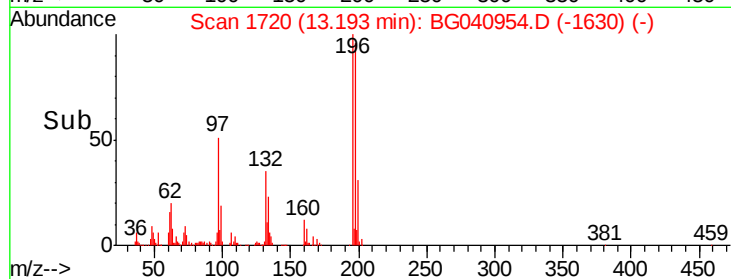
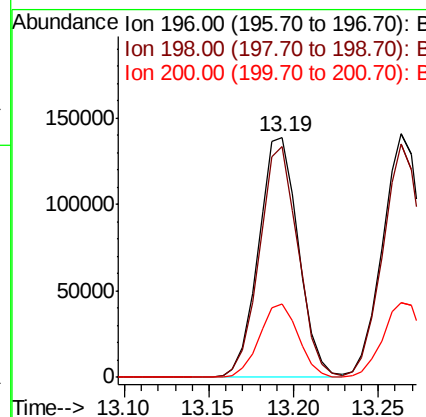
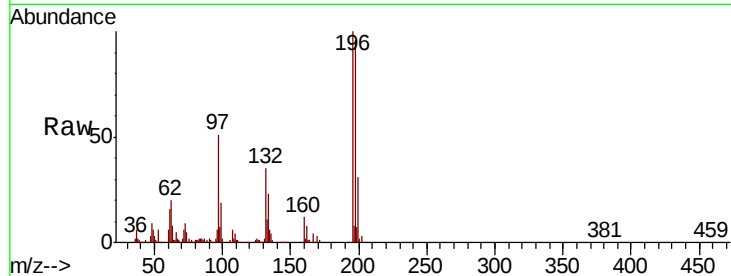




#43
 2,4,6-Trichlorophenol
 Concen: 42.245 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG040954.D
 Acq: 30 May 2019 16:23

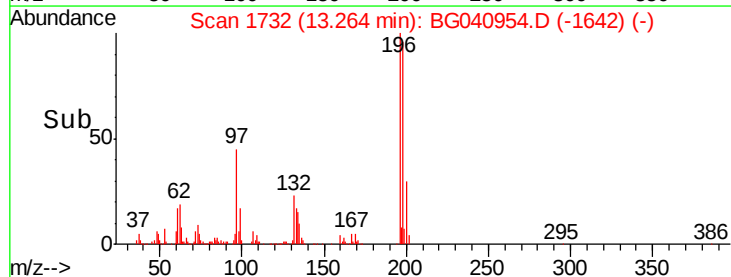
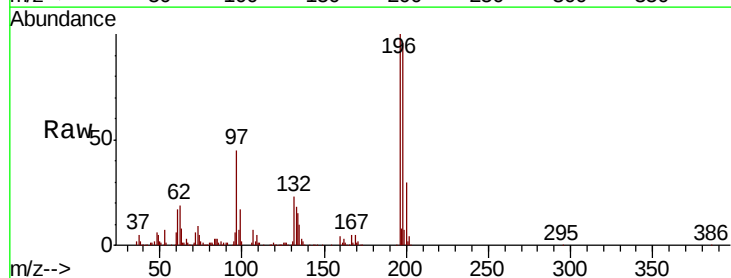
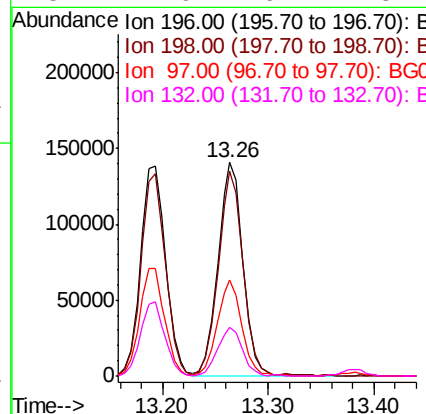
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	73.8	110.6
200	30.8	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 40.972 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG040954.D
 Acq: 30 May 2019 16:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.1	112.7
97	45.2	35.6	53.4
132	22.9	16.7	25.1

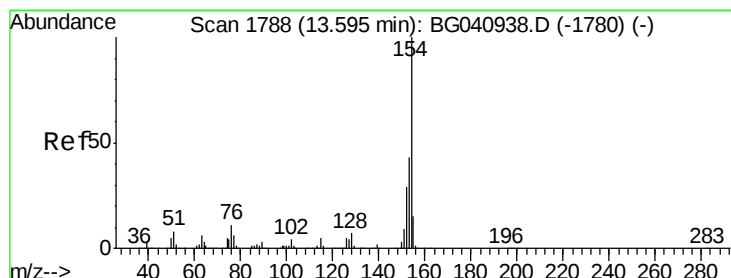
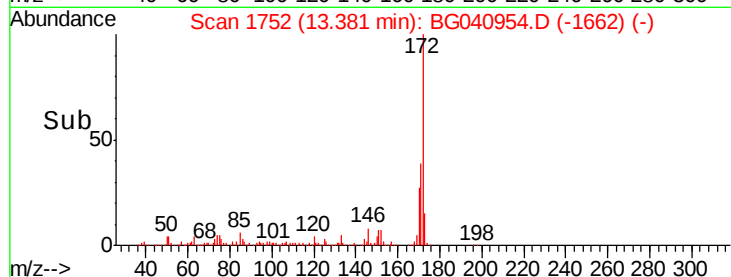
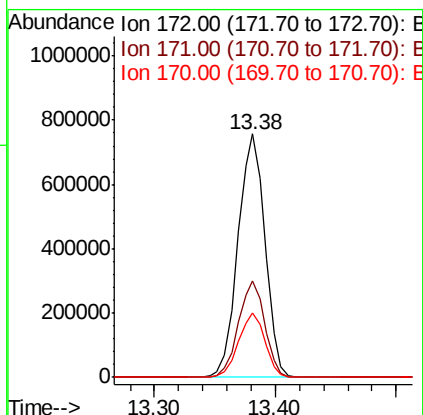
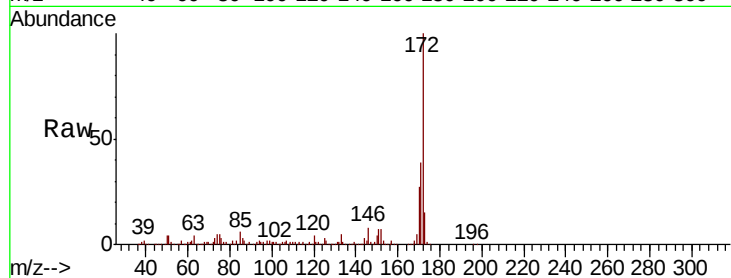




#45
2-Fluorobiphenyl
Concen: 82.269 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

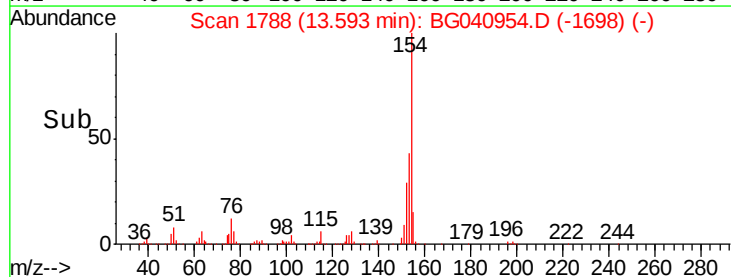
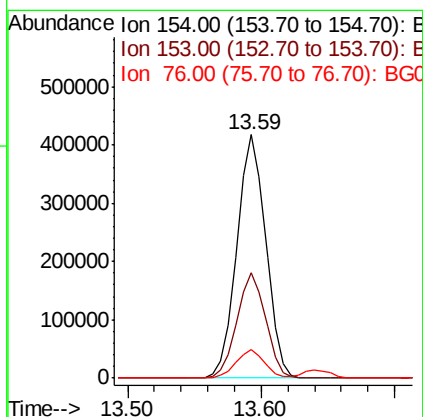
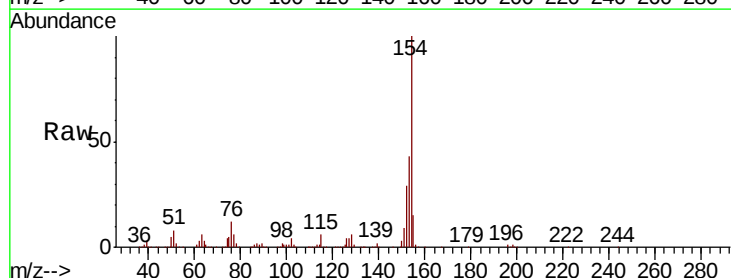
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

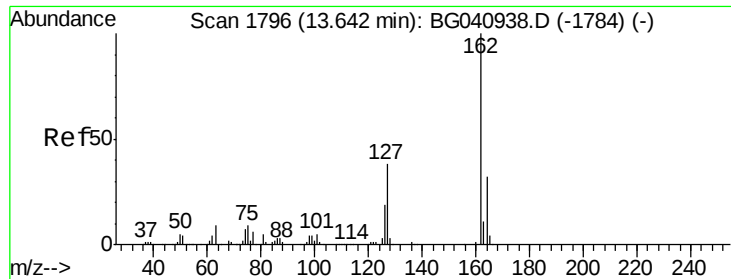
Tgt Ion:172 Resp: 1177592
Ion Ratio Lower Upper
172 100
171 39.4 31.1 46.7
170 26.5 20.5 30.7



#46
1,1'-Biphenyl
Concen: 40.970 ng
RT: 13.59 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Tgt Ion:154 Resp: 625140
Ion Ratio Lower Upper
154 100
153 43.4 23.3 63.3
76 11.6 0.0 31.1

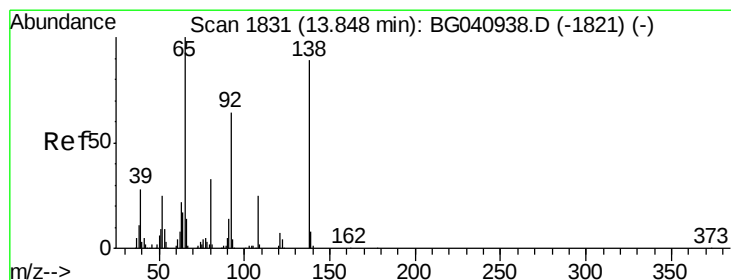
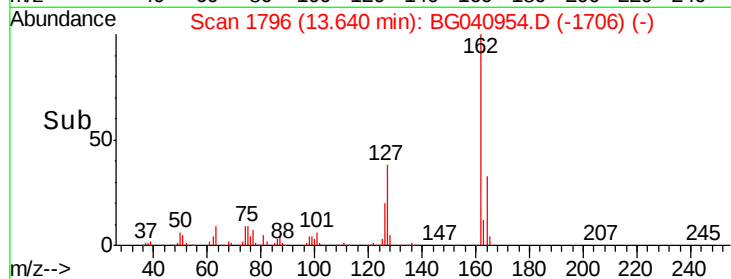
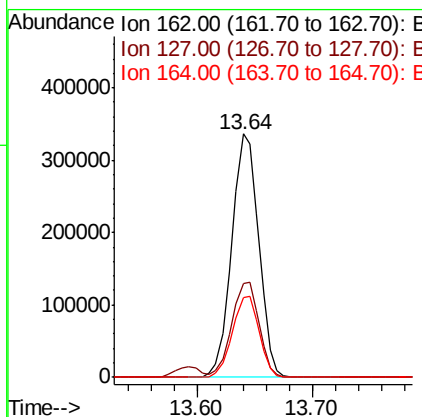
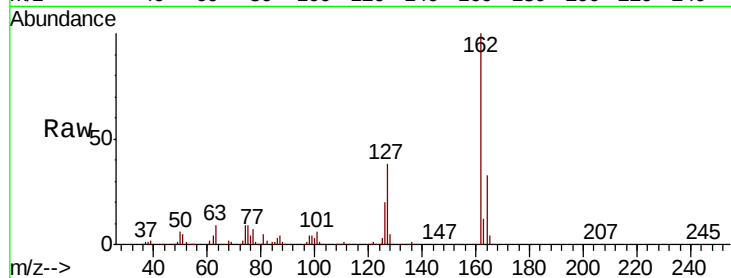




#47
 2-Chloronaphthalene
 Concen: 41.502 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG040954.D
 Acq: 30 May 2019 16:23

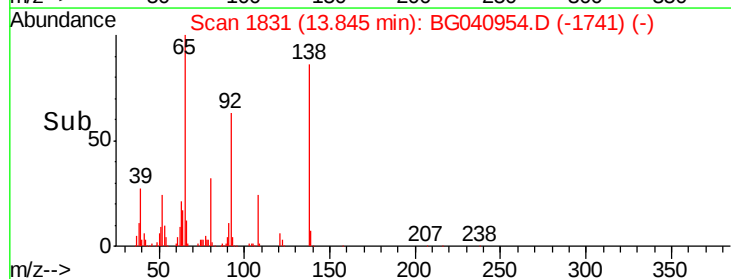
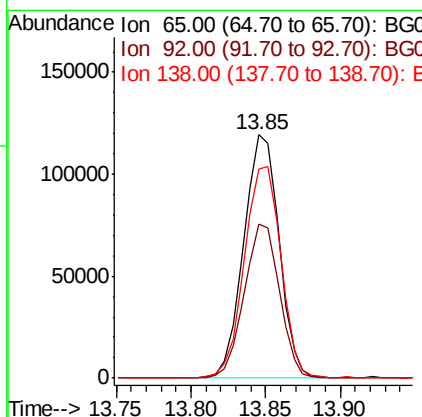
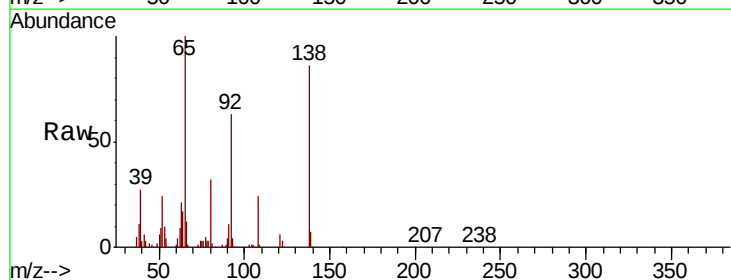
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

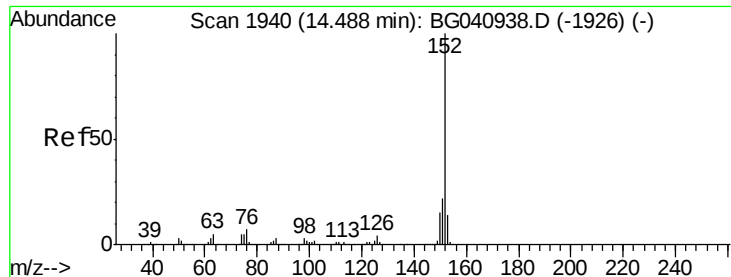
Tgt Ion: 162 Resp: 543648
 Ion Ratio Lower Upper
 162 100
 127 38.4 30.5 45.7
 164 32.9 25.8 38.6



#48
 2-Nitroaniline
 Concen: 41.669 ng
 RT: 13.85 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG040954.D
 Acq: 30 May 2019 16:23

Tgt Ion: 65 Resp: 195816
 Ion Ratio Lower Upper
 65 100
 92 63.2 51.0 76.6
 138 86.0 71.2 106.8





#49

Acenaphthylene

Concen: 40.614 ng

RT: 14.49 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

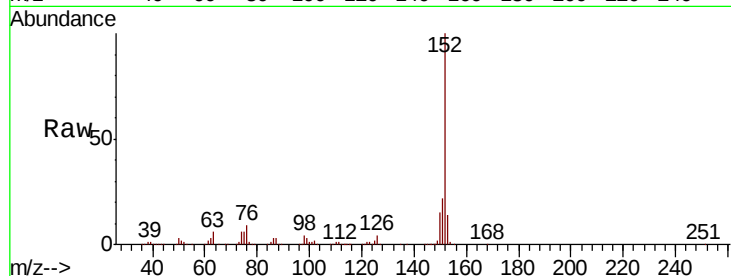
Tgt Ion:152 Resp: 800713

Ion Ratio Lower Upper

152 100

151 21.8 17.4 26.0

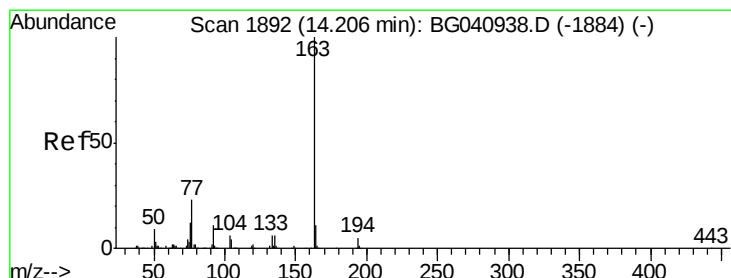
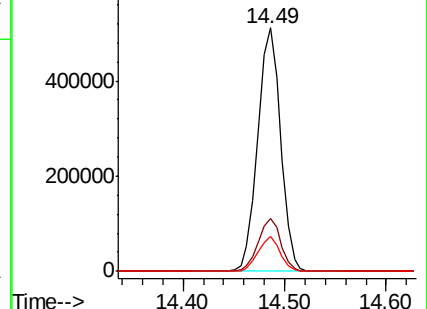
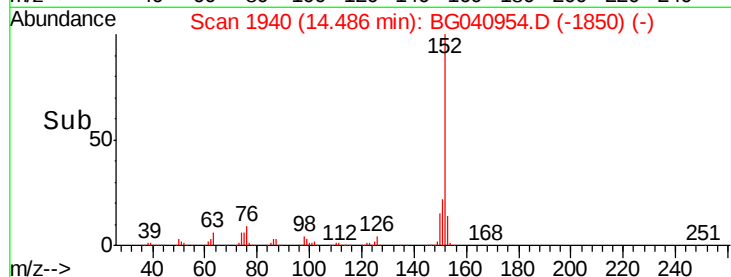
153 14.2 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.461 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

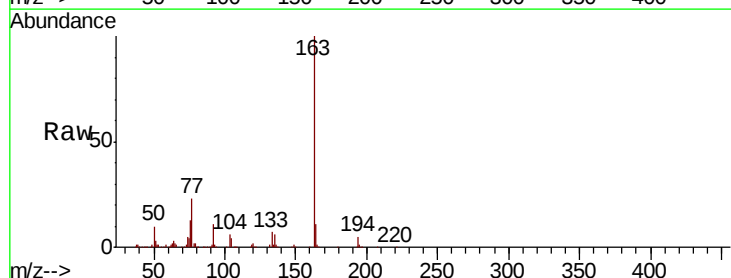
Tgt Ion:163 Resp: 688574

Ion Ratio Lower Upper

163 100

194 5.4 3.8 5.8

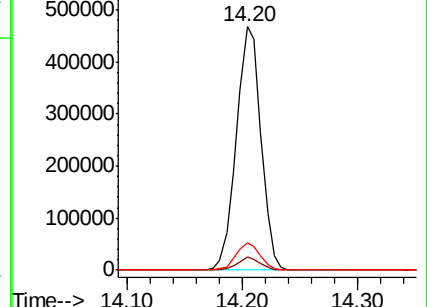
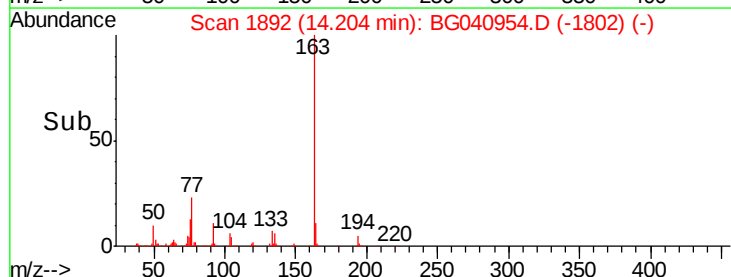
164 11.1 8.7 13.1

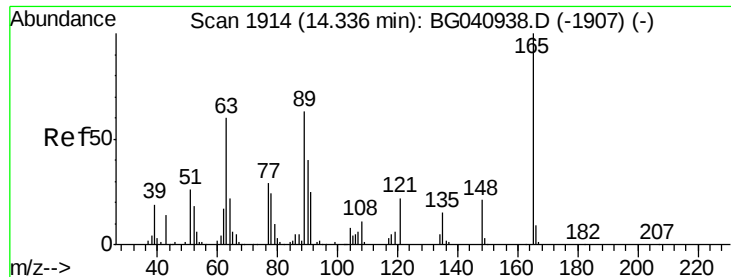


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

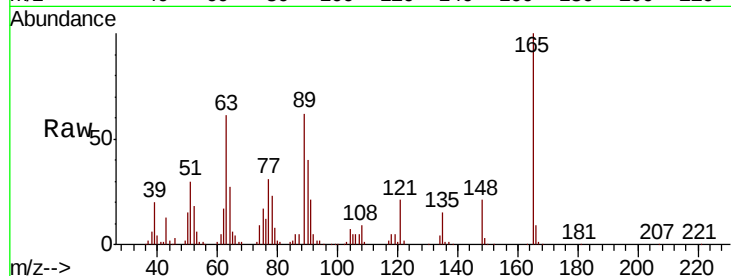




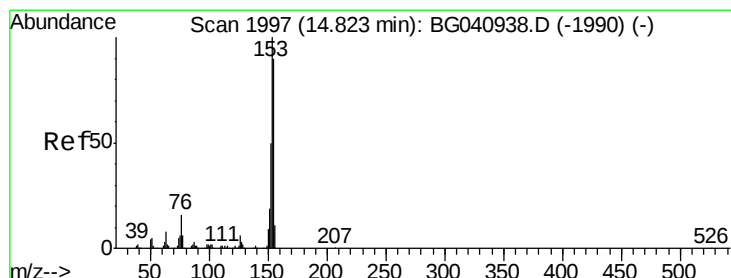
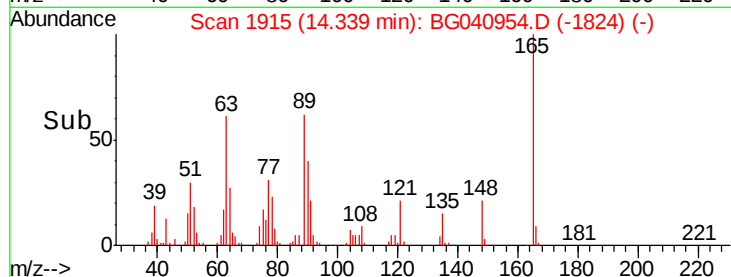
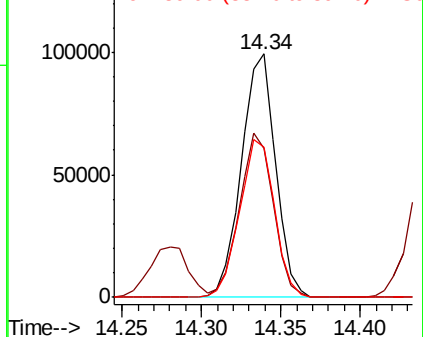
#51
 2,6-Dinitrotoluene
 Concen: 39.474 ng
 RT: 14.34 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: BG040954.D
 Acq: 30 May 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:165 Resp: 148510
 Ion Ratio Lower Upper
 165 100
 63 61.2 53.6 80.4
 89 61.7 50.4 75.6

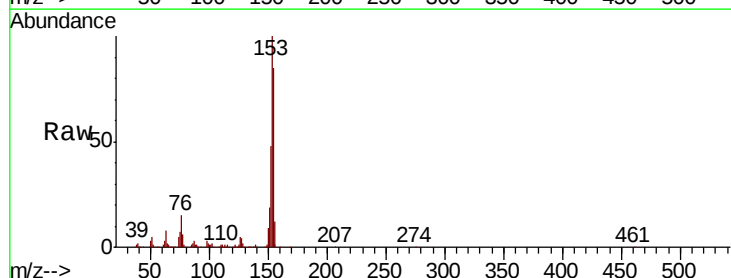


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

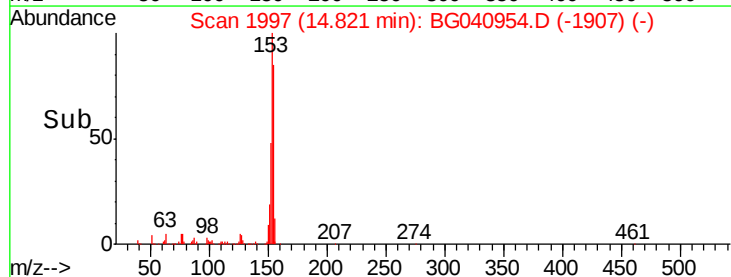
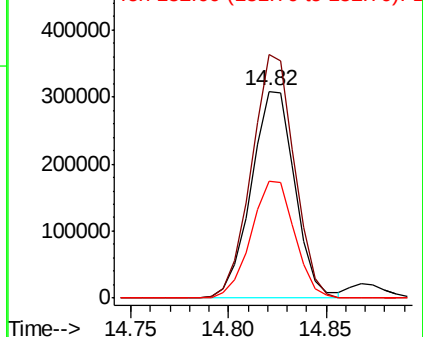


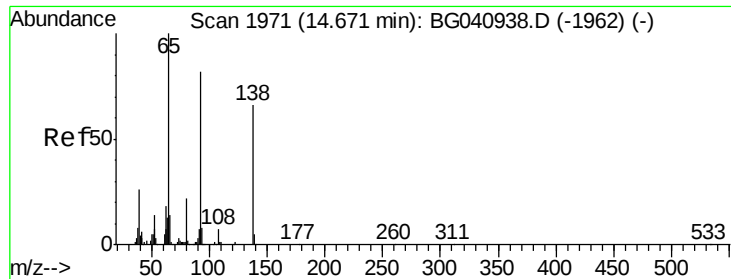
#52
 Acenaphthene
 Concen: 40.080 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BG040954.D
 Acq: 30 May 2019 16:23

Tgt Ion:154 Resp: 478689
 Ion Ratio Lower Upper
 154 100
 153 117.7 88.6 133.0
 152 56.7 44.2 66.4



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





#53

3-Nitroaniline

Concen: 40.443 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

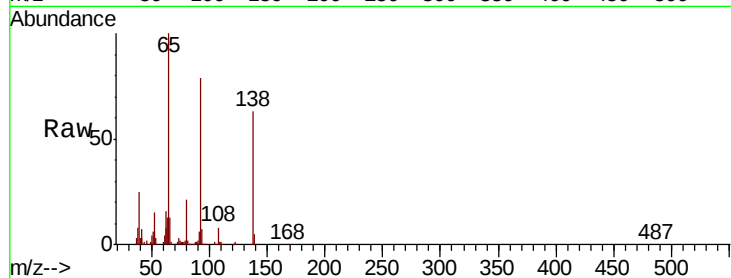
Tgt Ion:138 Resp: 152153

Ion Ratio Lower Upper

138 100

108 12.0 8.5 12.7

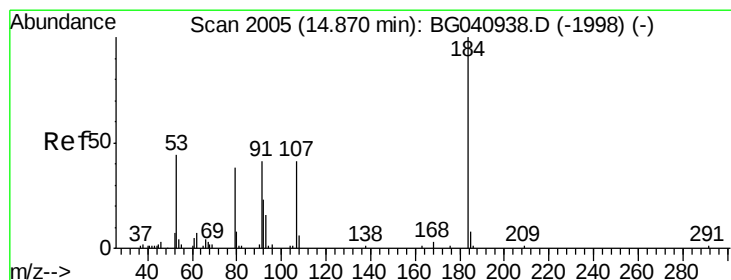
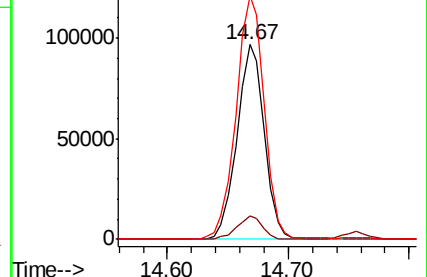
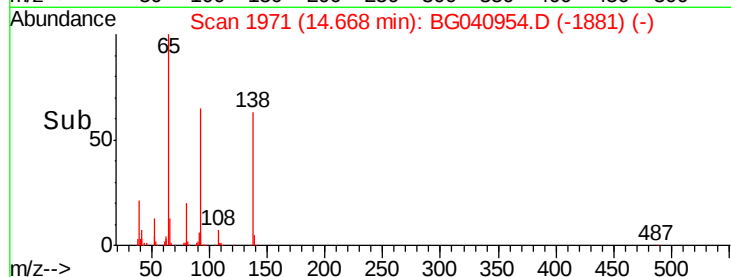
92 125.0 99.0 148.6



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: 37.369 ng

RT: 14.87 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

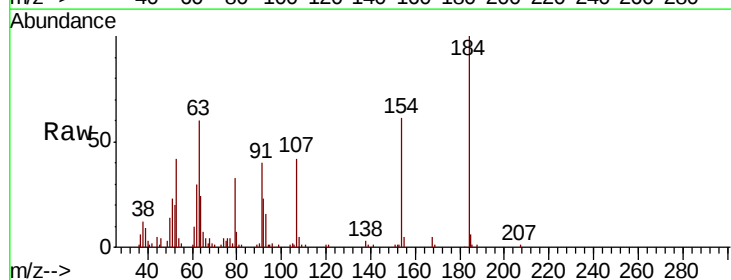
Tgt Ion:184 Resp: 52528

Ion Ratio Lower Upper

184 100

63 60.2 49.8 74.6

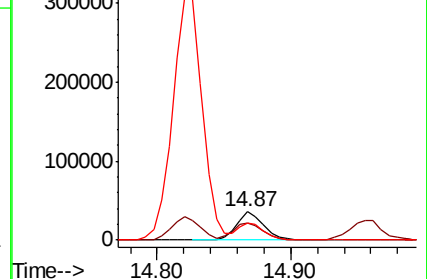
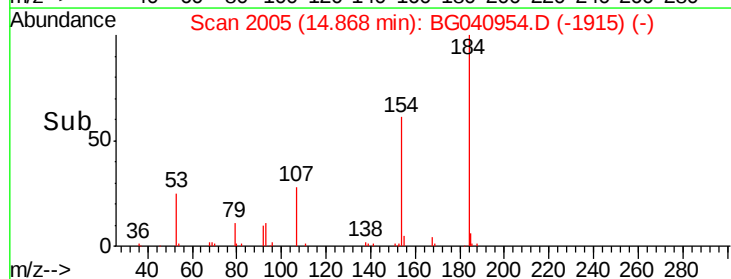
154 61.0 52.2 78.4



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

Dibenzofuran

Concen: 39.885 ng

RT: 15.16 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

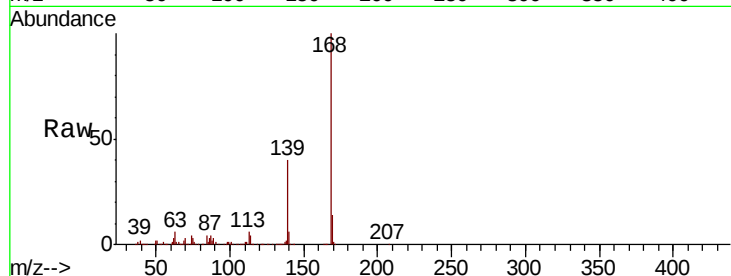
Tgt Ion:168 Resp: 801549

Ion Ratio Lower Upper

168 100

139 40.0 32.8 49.2

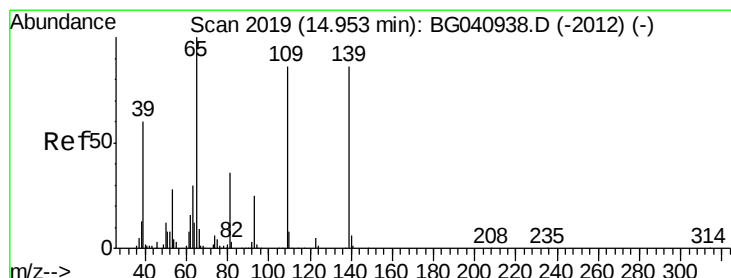
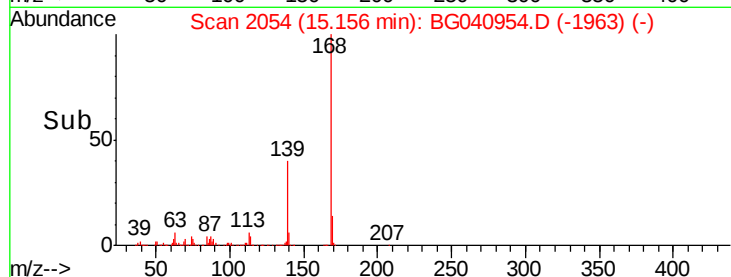
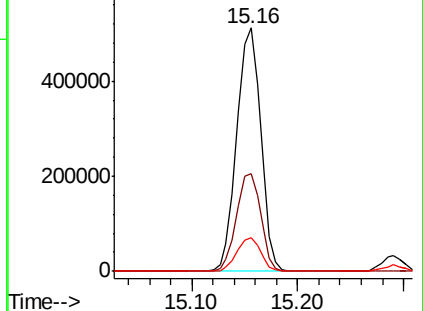
169 13.9 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 42.649 ng

RT: 14.96 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

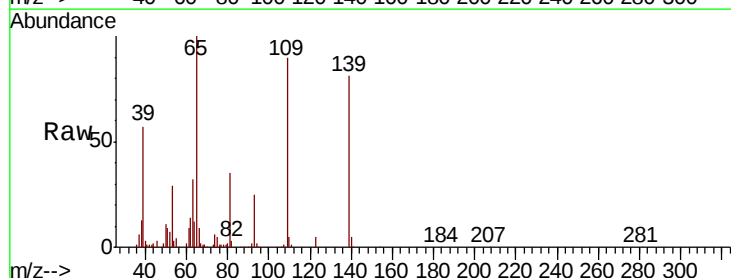
Tgt Ion:139 Resp: 110054

Ion Ratio Lower Upper

139 100

109 110.8 79.6 119.6

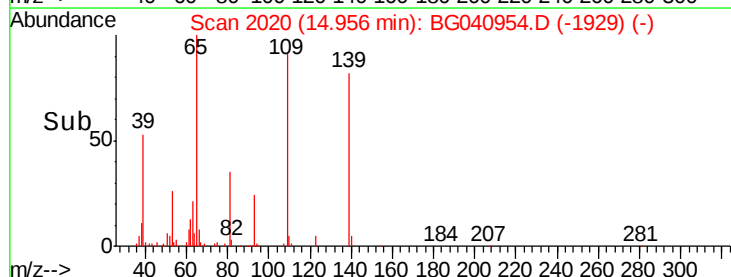
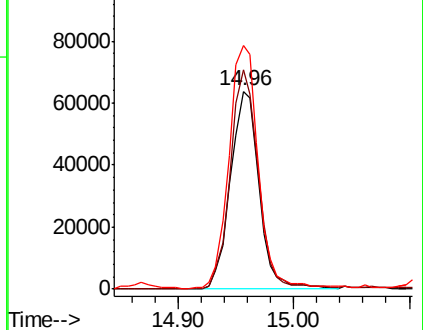
65 123.1 96.9 136.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

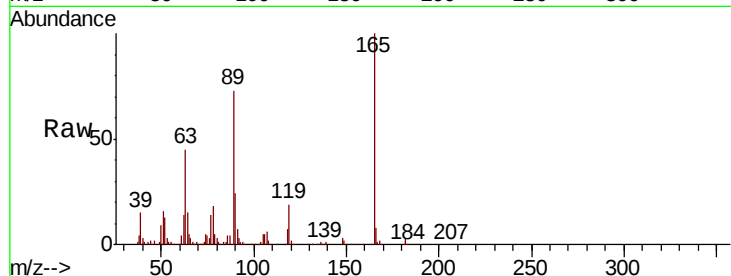




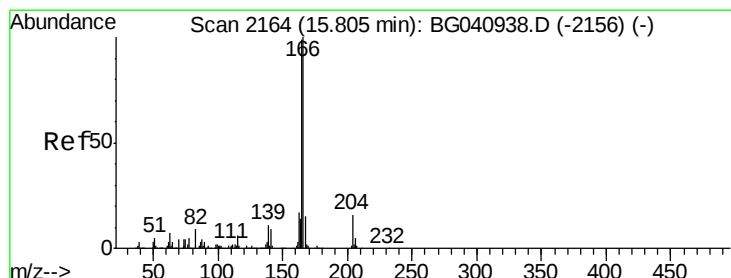
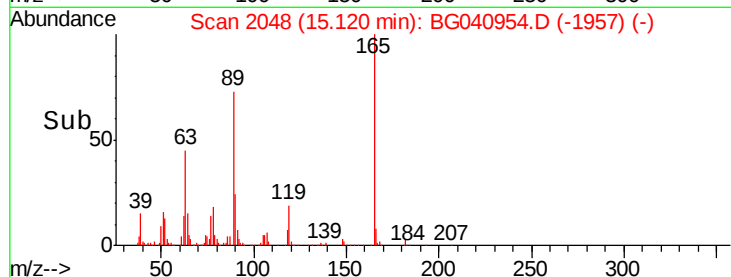
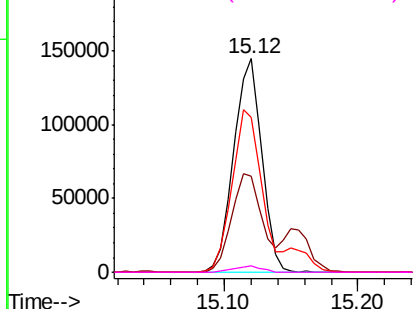
#57
2,4-Dinitrotoluene
Concen: 39.914 ng
RT: 15.12 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.0	37.3	55.9
89	72.5	61.0	91.6
182	2.9	2.2	3.2

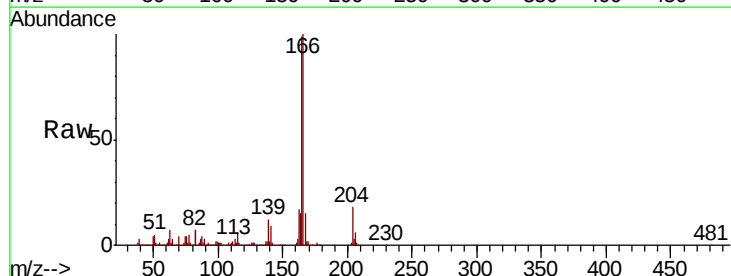


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

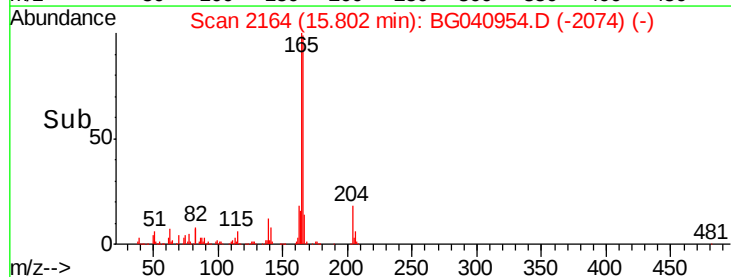
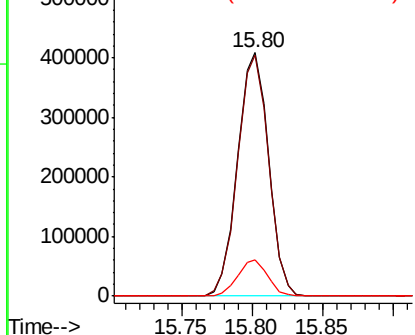


#58
Fluorene
Concen: 39.194 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.2	118.8
167	15.0	11.8	17.6



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.608 ng

RT: 15.37 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:232 Resp: 220643

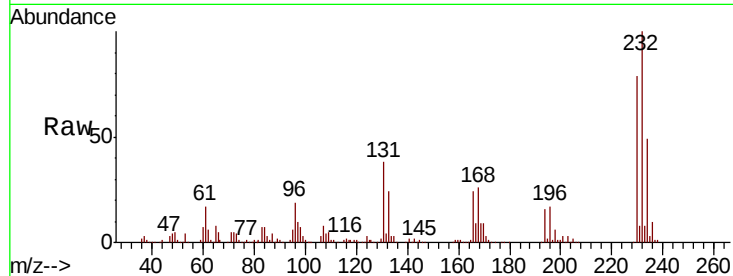
Ion Ratio Lower Upper

232 100

131 38.0 30.3 45.5

130 1.9 1.8 2.8

166 26.3 21.3 31.9

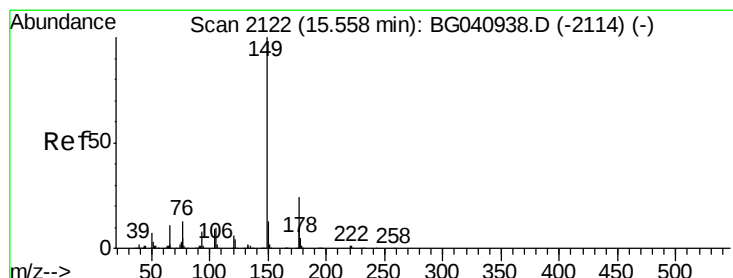
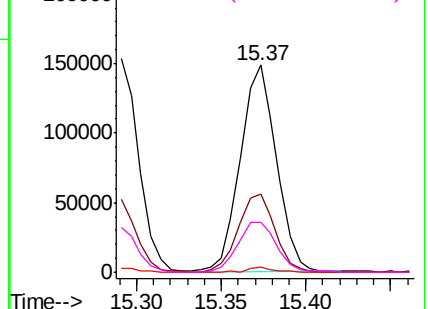
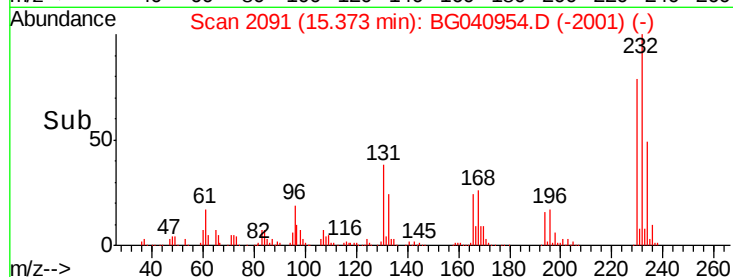


Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.721 ng

RT: 15.56 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

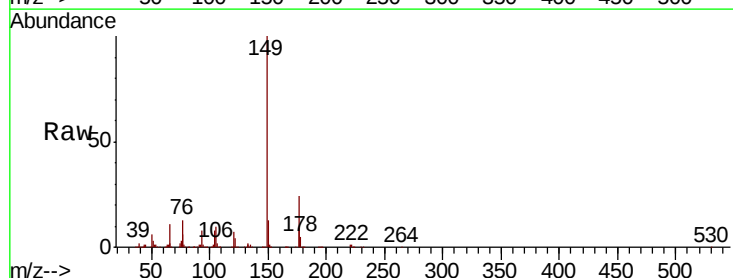
Tgt Ion:149 Resp: 689541

Ion Ratio Lower Upper

149 100

177 23.9 19.4 29.0

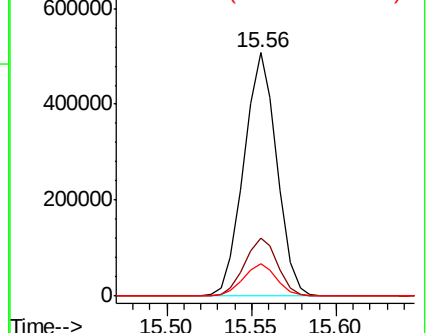
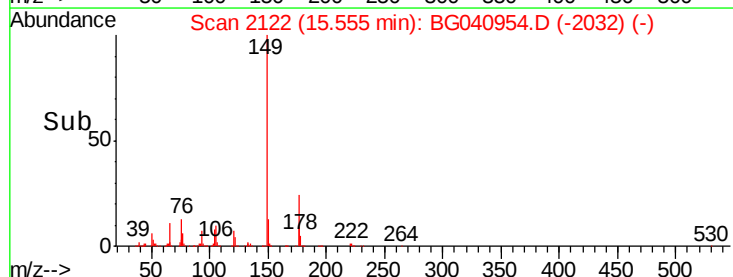
150 13.3 10.3 15.5

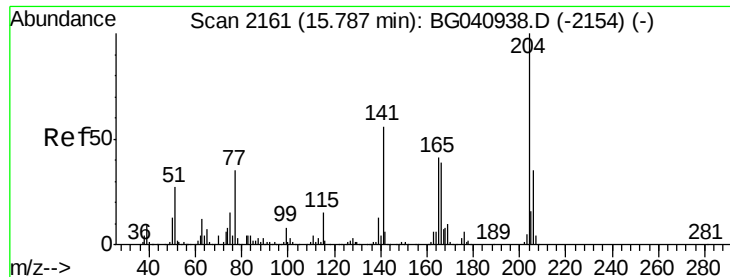


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

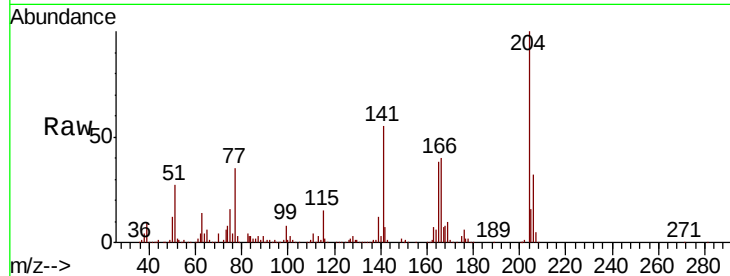




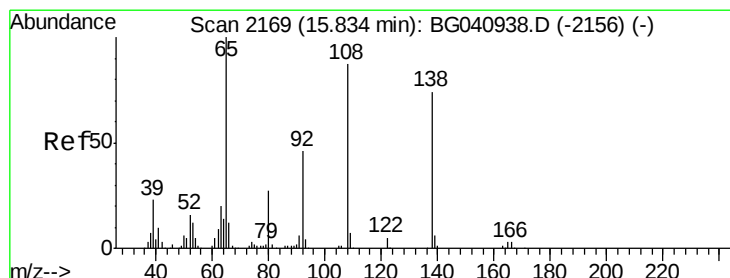
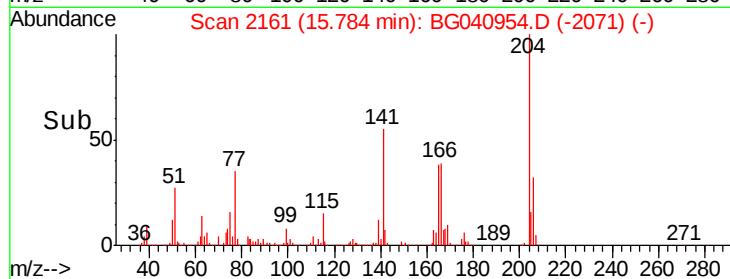
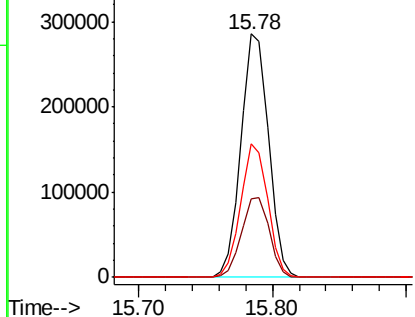
#61
 4-Chlorophenyl-phenylether
 Concen: 39.190 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG040954.D
 Acq: 30 May 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	204	Resp:	407678
Ion	Ratio	Lower	Upper
204	100		
206	32.1	27.6	41.4
141	54.8	45.1	67.7

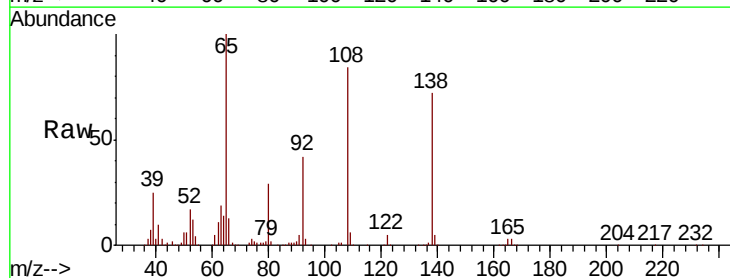


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

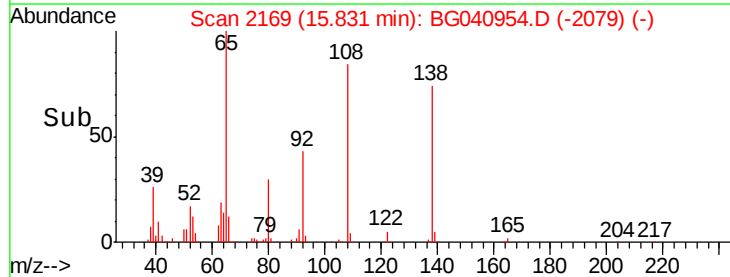
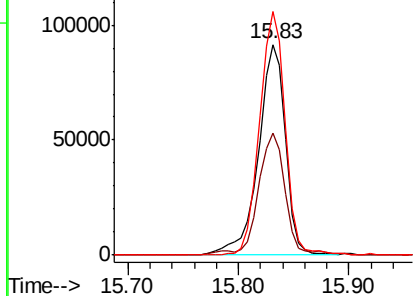


#62
 4-Nitroaniline
 Concen: 39.639 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: BG040954.D
 Acq: 30 May 2019 16:23

Tgt Ion:	138	Resp:	157877
Ion	Ratio	Lower	Upper
138	100		
92	57.7	42.4	82.4
108	115.5	96.9	136.9



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





#63

Azobenzene

Concen: 38.973 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 630786

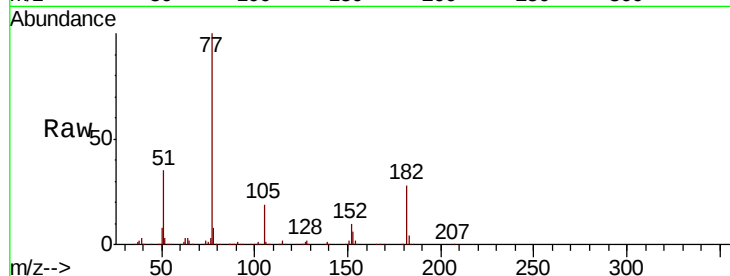
Ion Ratio Lower Upper

77 100

182 28.0 9.6 49.6

105 18.5 0.0 37.5

51 35.4 13.7 53.7

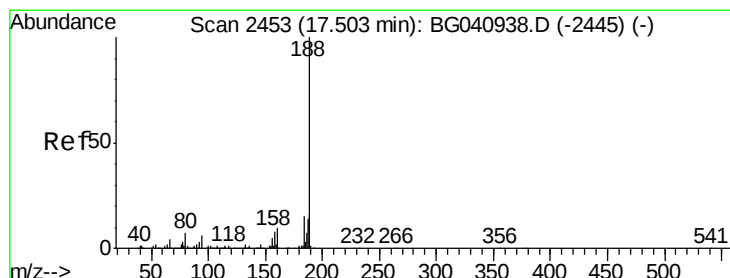
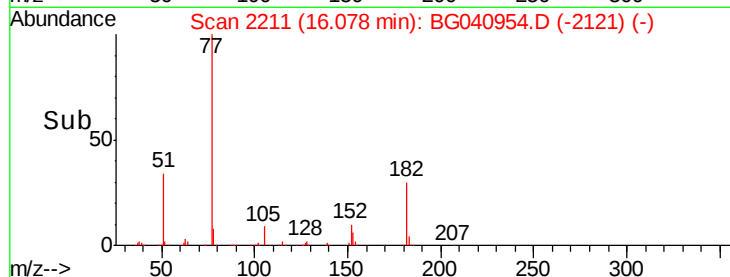
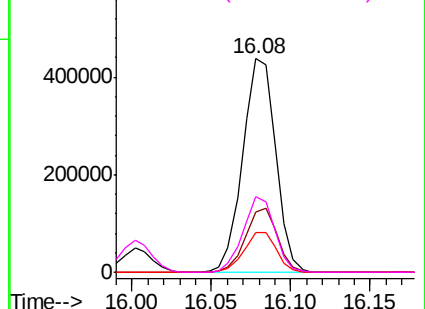


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

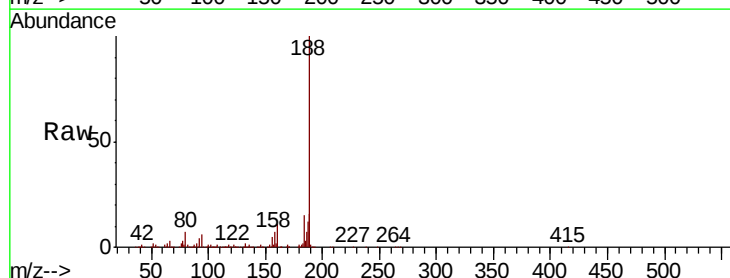
Tgt Ion: 188 Resp: 483232

Ion Ratio Lower Upper

188 100

94 6.2 4.7 7.1

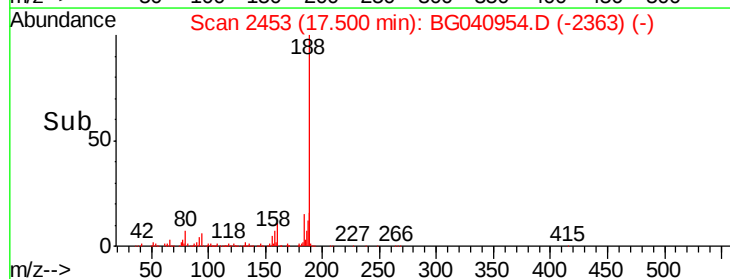
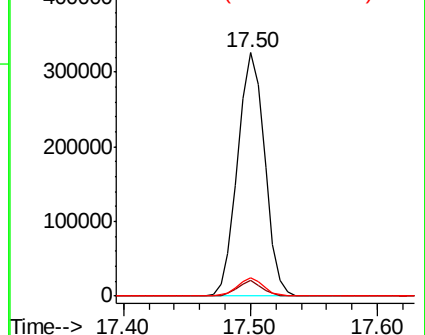
80 7.3 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 36.779 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

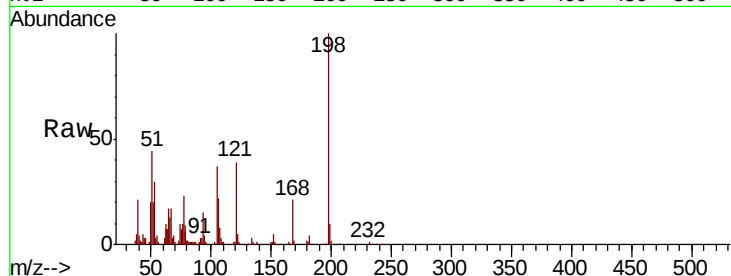
Tgt Ion:198 Resp: 88903

Ion Ratio Lower Upper

198 100

51 44.0 21.6 61.6

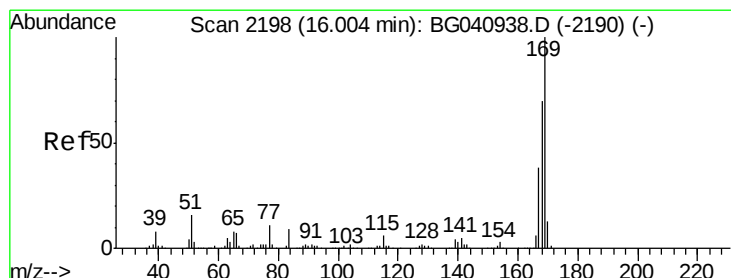
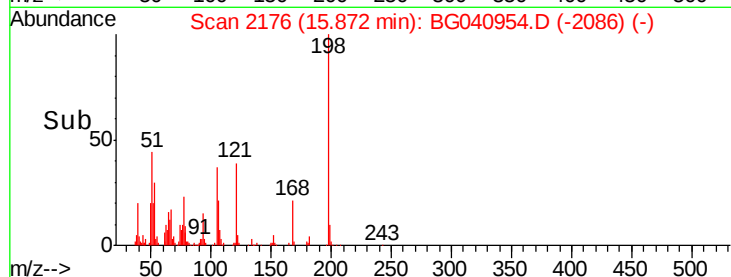
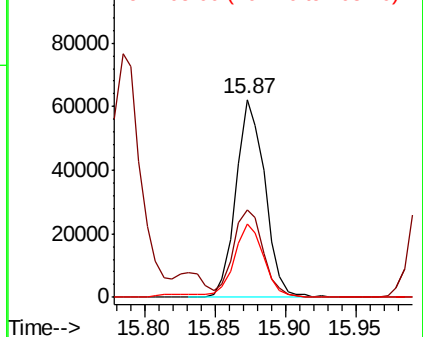
105 36.9 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.790 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

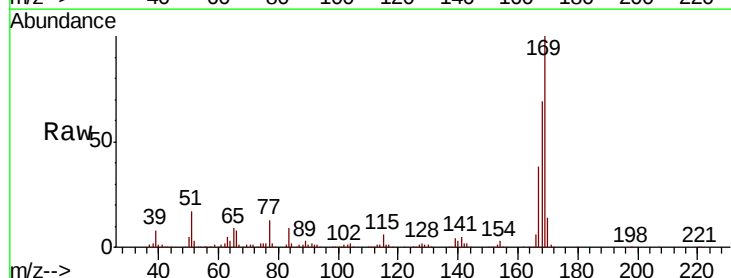
Tgt Ion:169 Resp: 567679

Ion Ratio Lower Upper

169 100

168 69.0 55.7 83.5

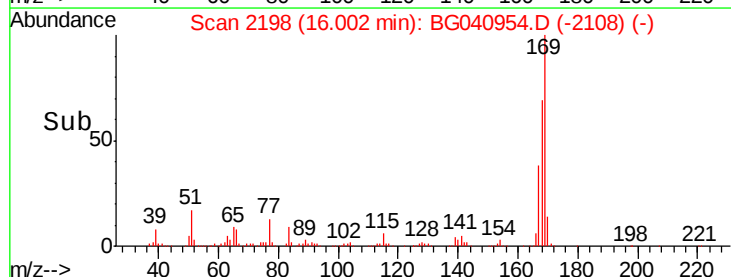
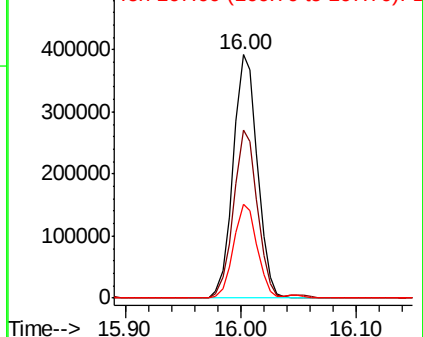
167 38.3 30.2 45.2

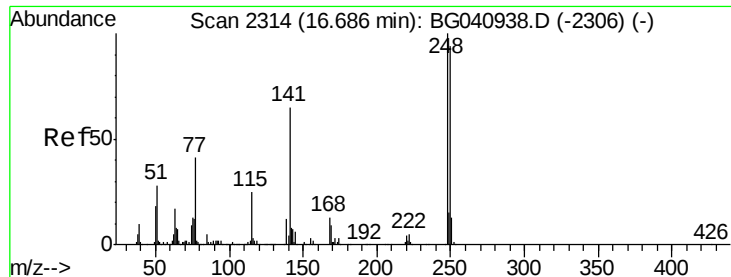


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

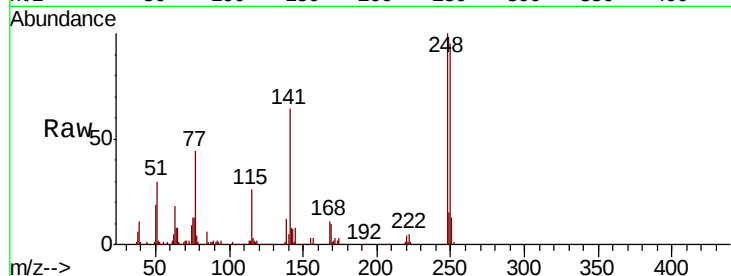




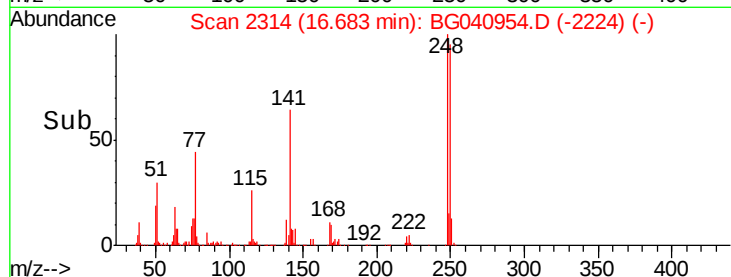
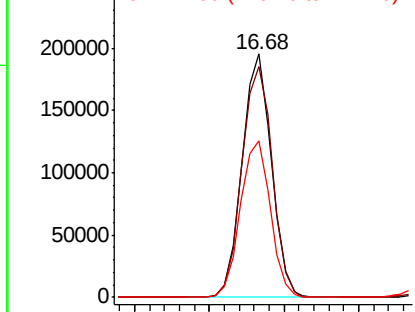
#67
4-Bromophenyl-phenylether
Concen: 40.598 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:248 Resp: 264755
Ion Ratio Lower Upper
248 100
250 94.8 75.0 112.4
141 64.4 52.4 78.6

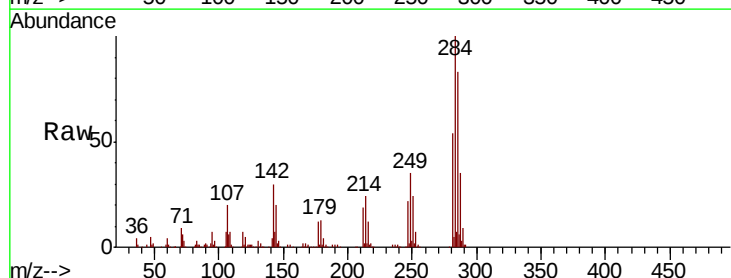


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

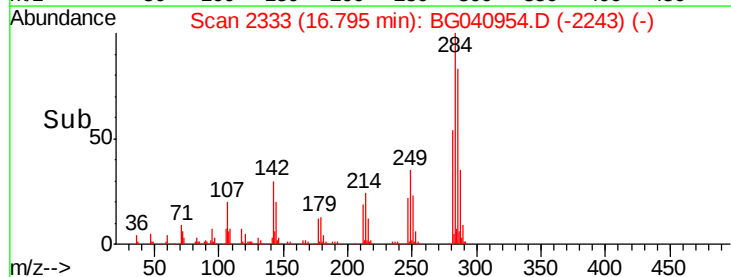
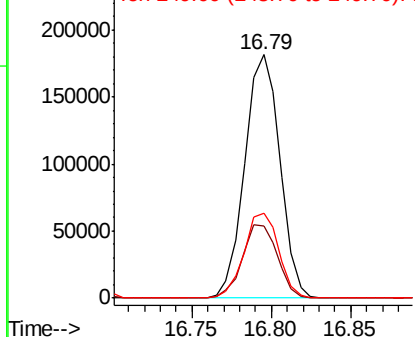


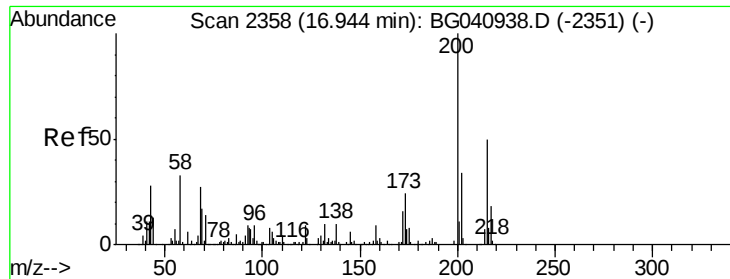
#68
Hexachlorobenzene
Concen: 40.285 ng
RT: 16.79 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Tgt Ion:284 Resp: 279753
Ion Ratio Lower Upper
284 100
142 29.8 23.9 35.9
249 35.1 26.8 40.2



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





#69

Atrazine

Concen: 43.428 ng

RT: 16.94 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

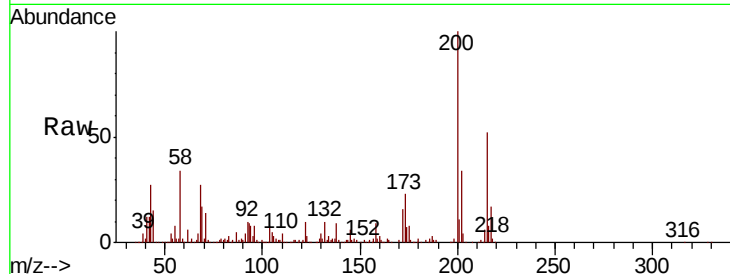
Tgt Ion:200 Resp: 227631

Ion Ratio Lower Upper

200 100

173 23.5 3.6 43.6

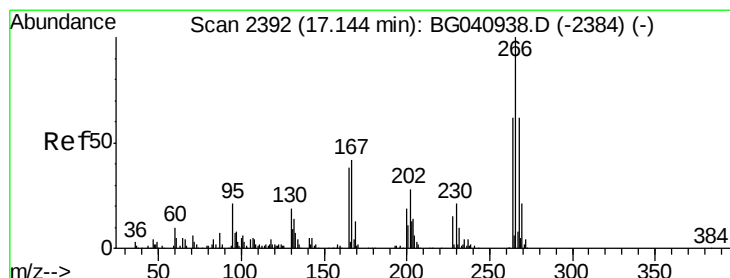
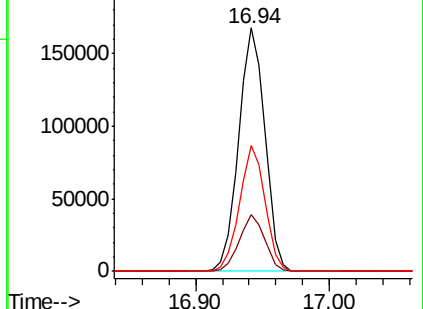
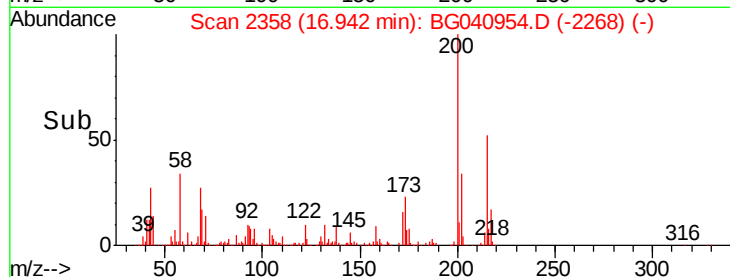
215 51.8 29.6 69.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 44.968 ng

RT: 17.14 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

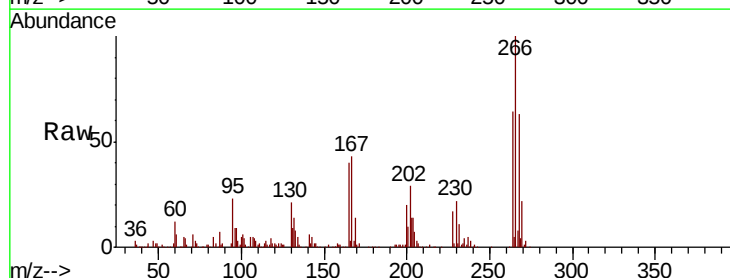
Tgt Ion:266 Resp: 159960

Ion Ratio Lower Upper

266 100

268 62.7 53.1 79.7

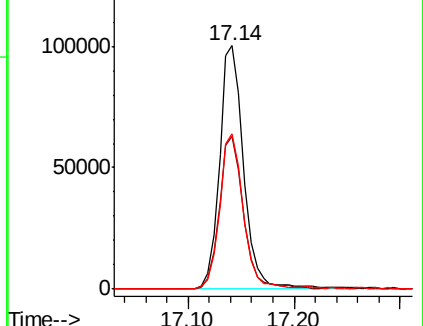
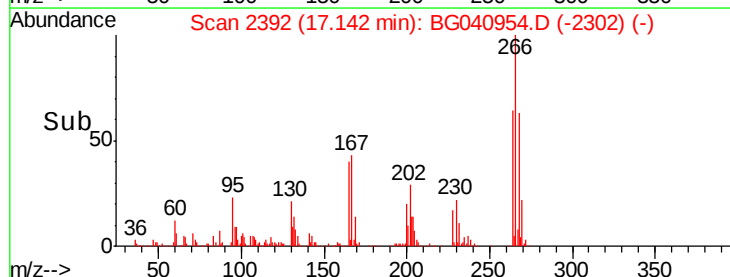
264 63.9 49.9 74.9

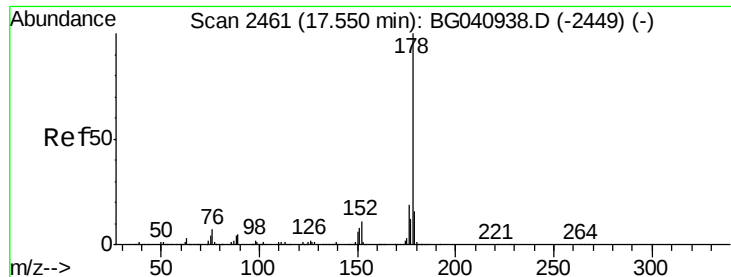


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.964 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

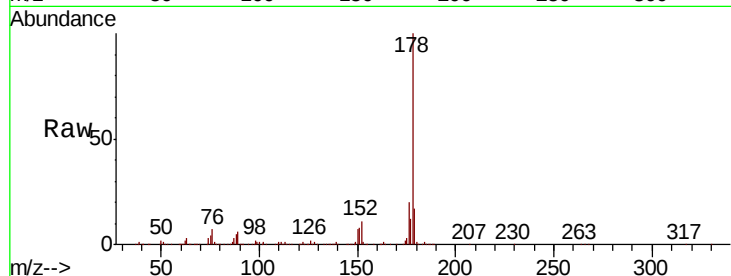
Tgt Ion:178 Resp: 1031091

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

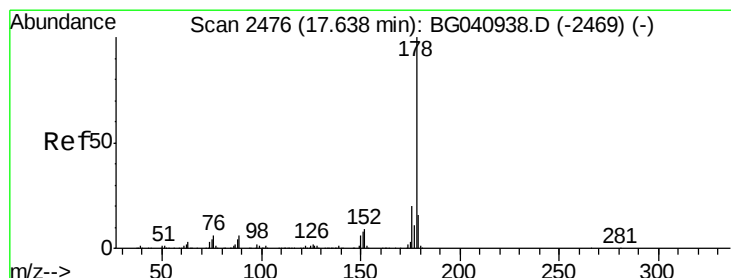
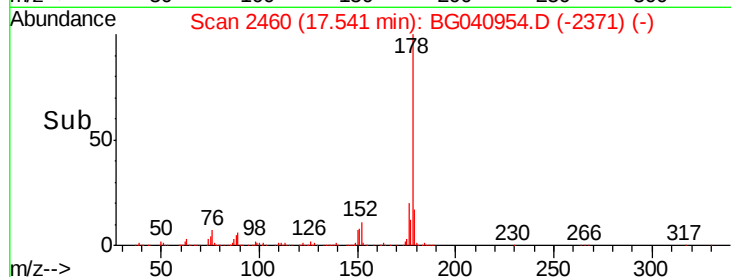
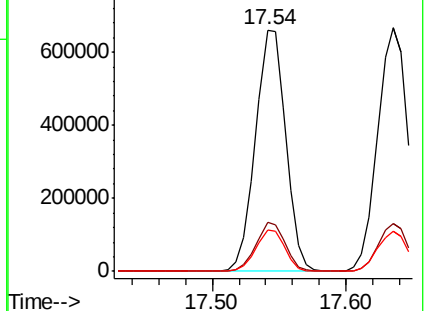
179 16.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.529 ng

RT: 17.64 min Scan# 2476

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

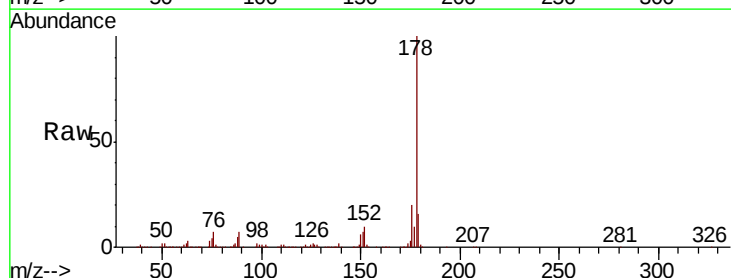
Tgt Ion:178 Resp: 1030965

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

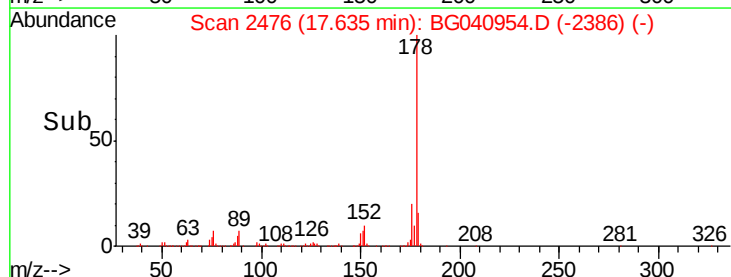
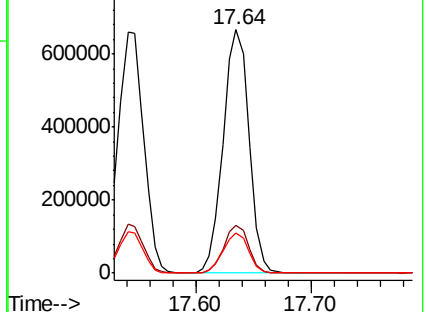
179 16.4 13.0 19.4

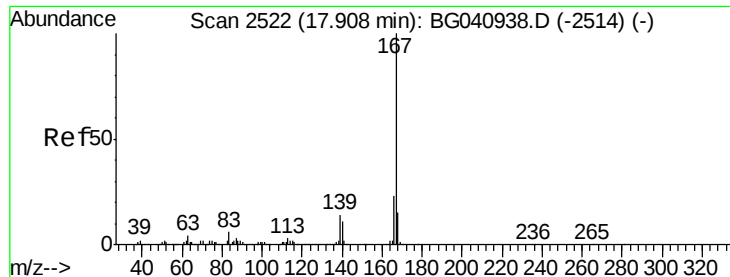


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

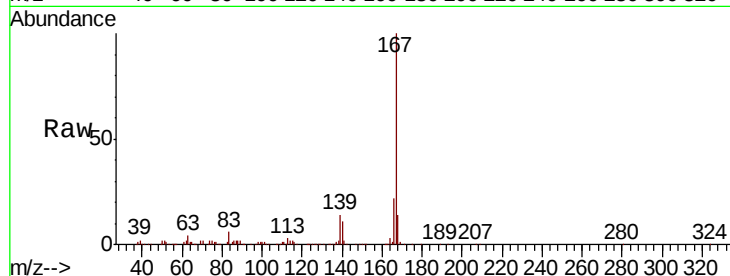




#73
 Carbazole
 Concen: 41.647 ng
 RT: 17.91 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: BG040954.D
 Acq: 30 May 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.8	10.8	16.2

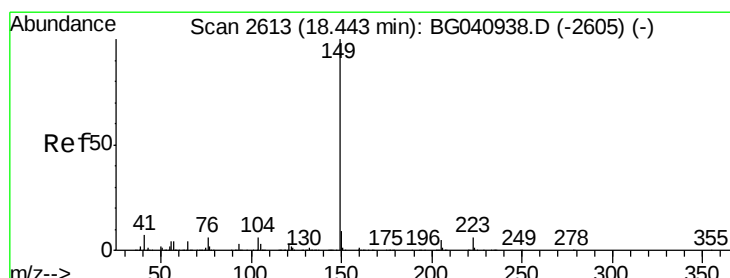
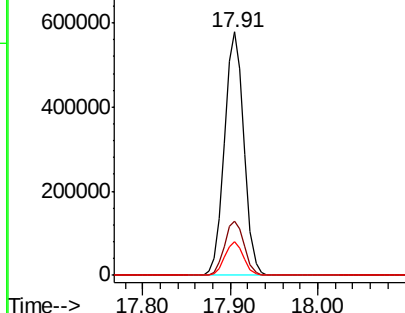
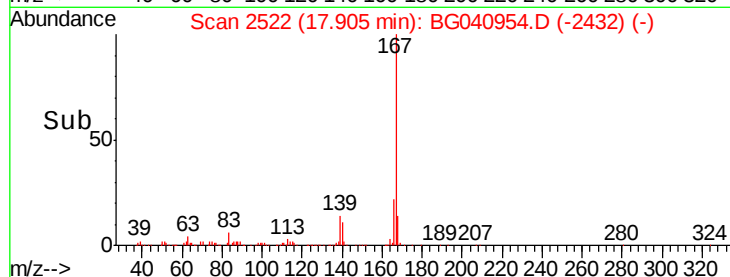


Abundance

Ion 167.00 (166.70 to 167.70): E

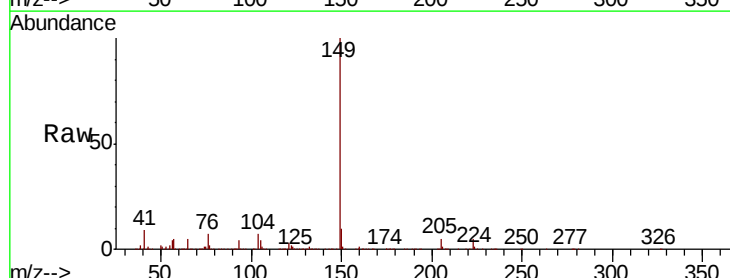
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 40.723 ng
 RT: 18.43 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG040954.D
 Acq: 30 May 2019 16:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.4	11.2
104	6.5	5.0	7.4

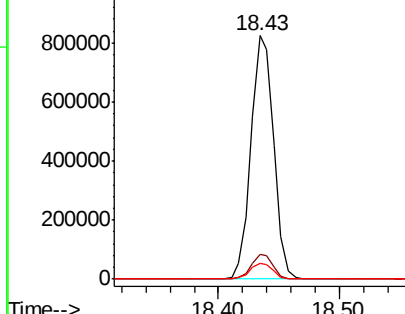
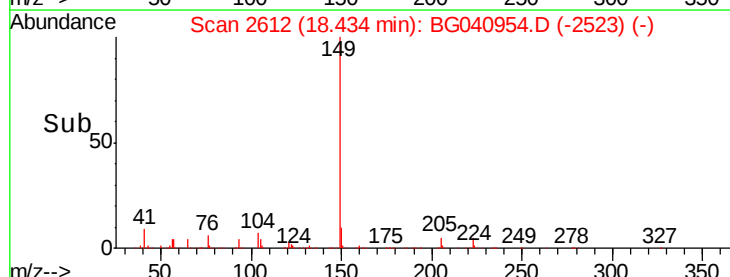


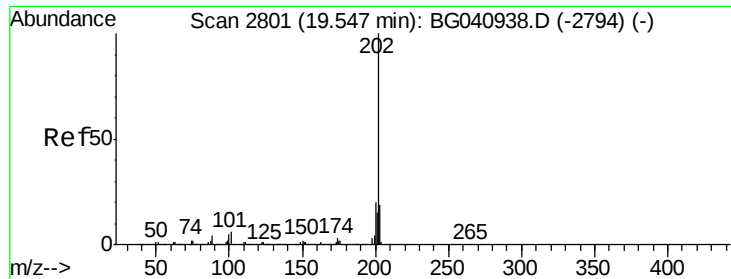
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

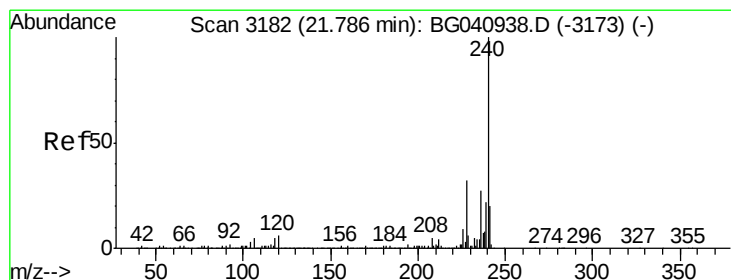
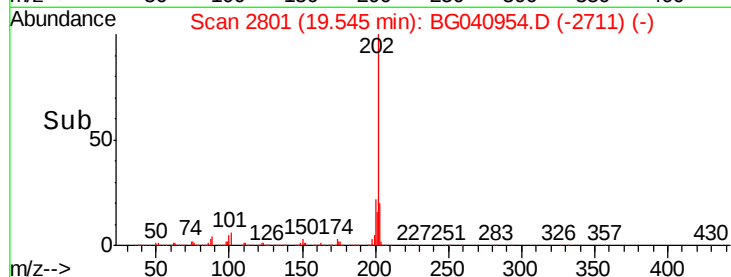
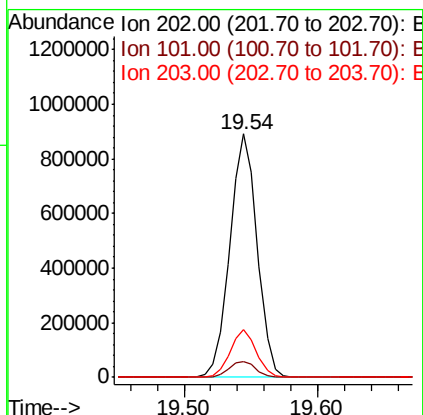
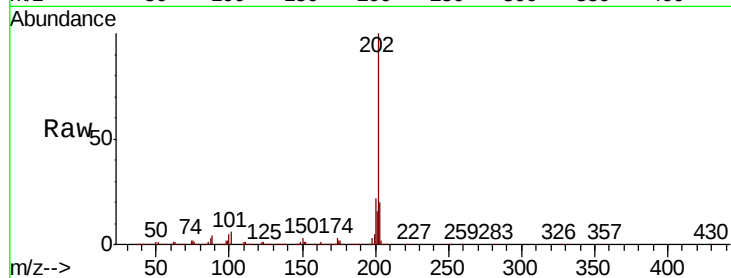




#75
 Fluoranthene
 Concen: 40.756 ng
 RT: 19.54 min Scan# 2801
 Delta R.T. -0.00 min
 Lab File: BG040954.D
 Acq: 30 May 2019 16:23

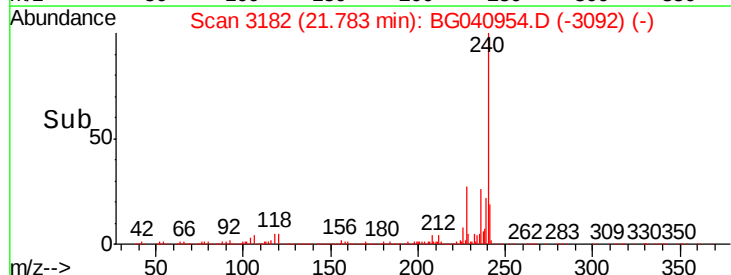
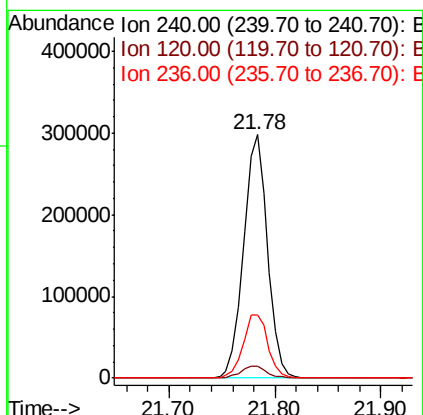
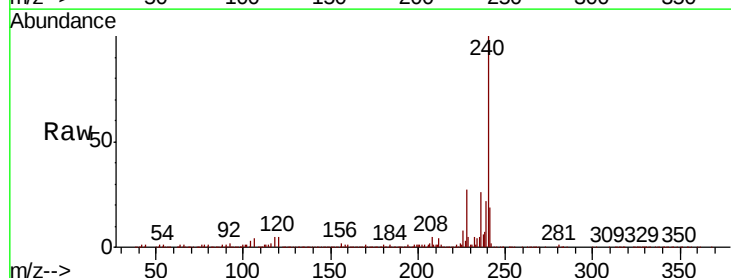
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:202 Resp: 1267112
 Ion Ratio Lower Upper
 202 100
 101 6.5 0.0 26.2
 203 19.5 0.0 38.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: BG040954.D
 Acq: 30 May 2019 16:23

Tgt Ion:240 Resp: 465394
 Ion Ratio Lower Upper
 240 100
 120 4.9 4.5 6.7
 236 26.1 21.3 31.9





#77

Benzidine

Concen: 42.856 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

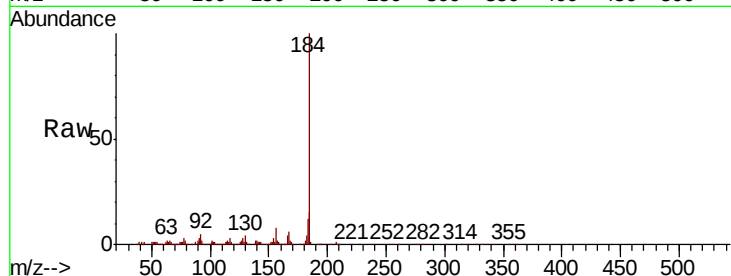
Tgt Ion:184 Resp: 475790

Ion Ratio Lower Upper

184 100

185 15.4 13.3 19.9

183 12.4 10.7 16.1

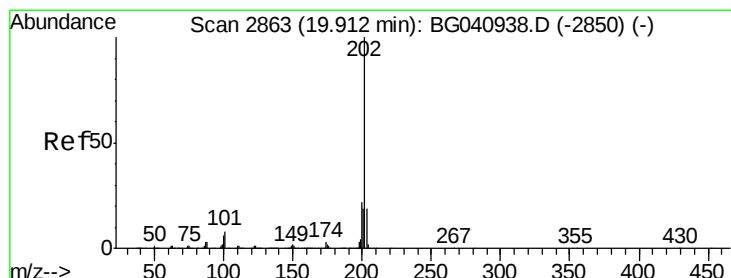
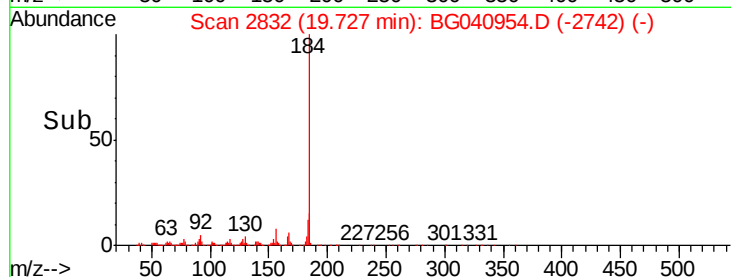
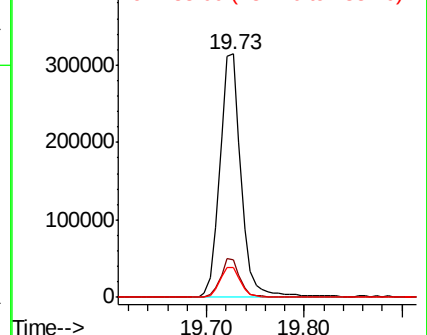


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.957 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

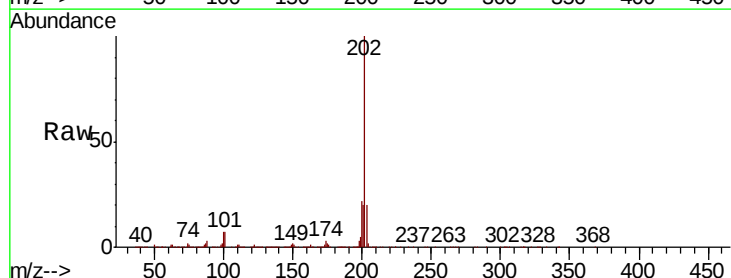
Tgt Ion:202 Resp: 1269348

Ion Ratio Lower Upper

202 100

200 22.4 17.5 26.3

203 19.9 15.6 23.4

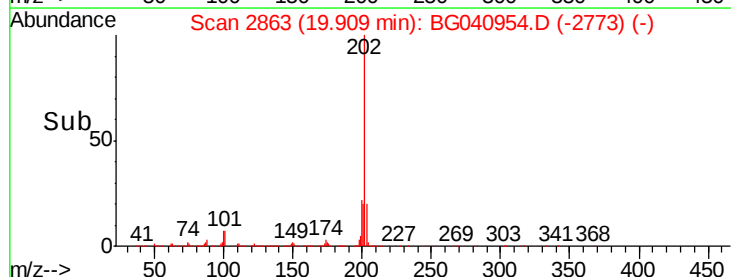
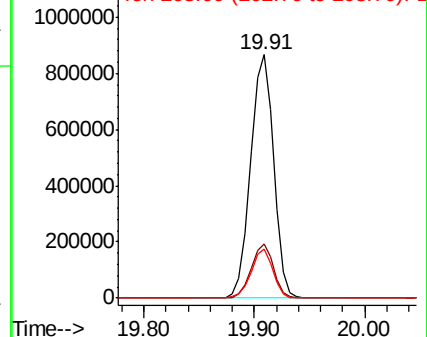


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.455 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

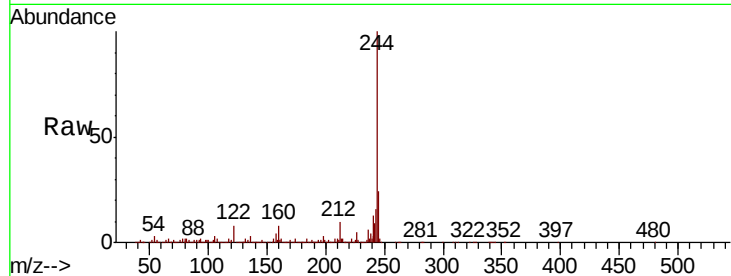
Tgt Ion:244 Resp: 1830018

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.4

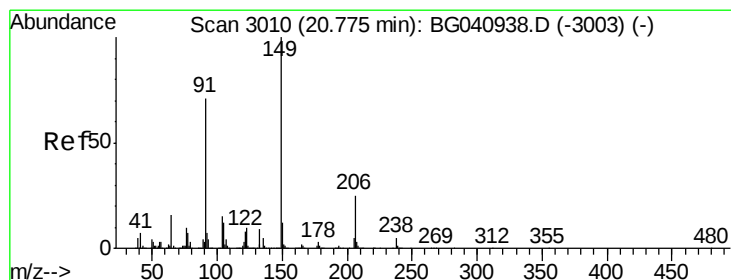
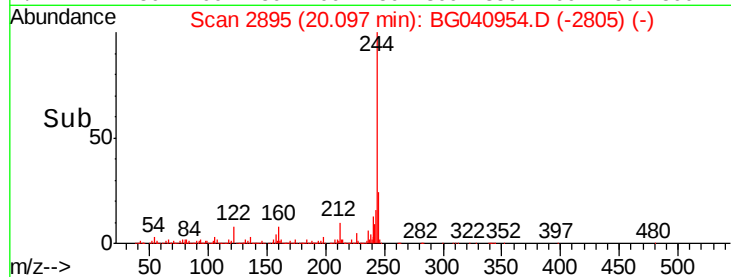
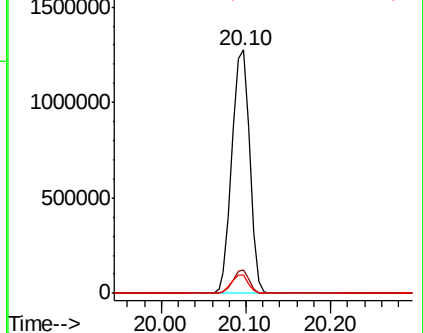
122 7.7 5.4 8.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.115 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

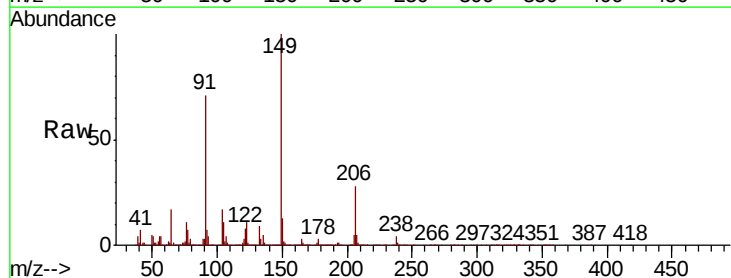
Tgt Ion:149 Resp: 495834

Ion Ratio Lower Upper

149 100

91 70.7 56.5 84.7

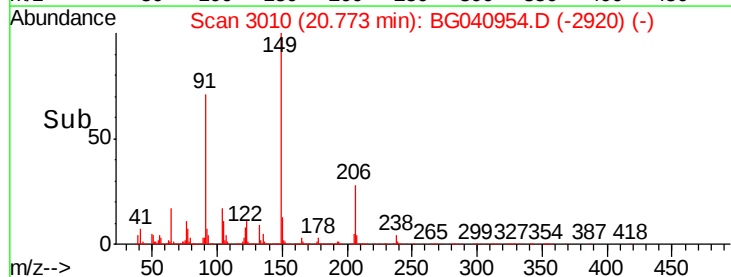
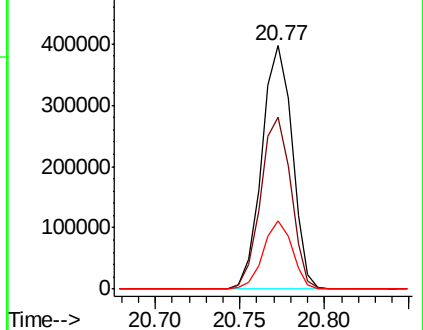
206 28.0 20.3 30.5

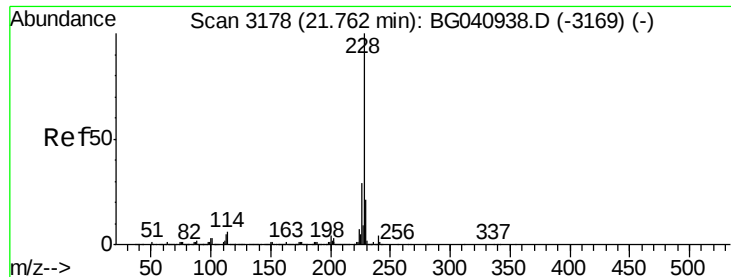


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

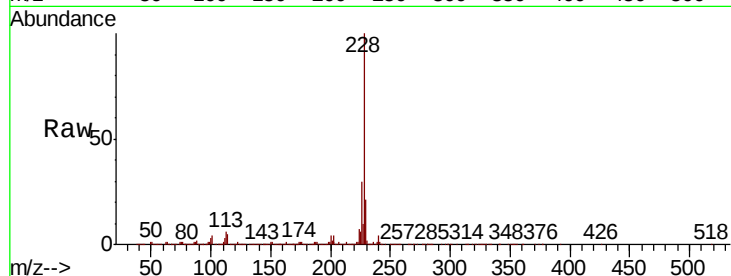




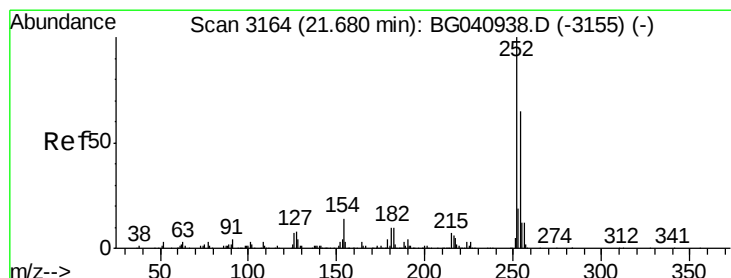
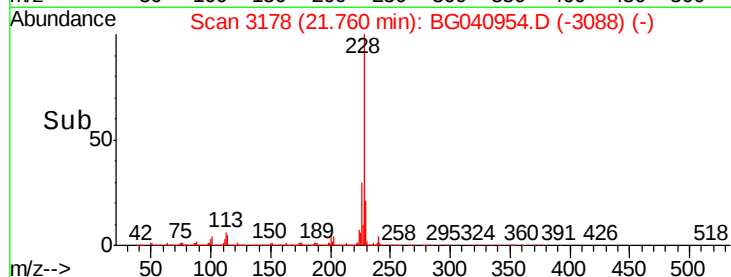
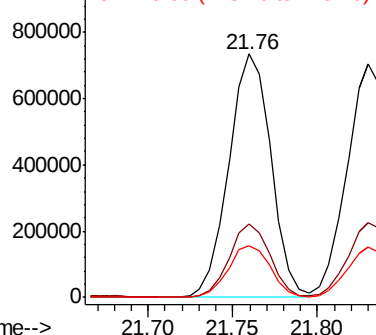
#81
Benzo(a)anthracene
Concen: 41.174 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 1275536
Ion Ratio Lower Upper
228 100
226 30.0 23.5 35.3
229 21.5 16.7 25.1

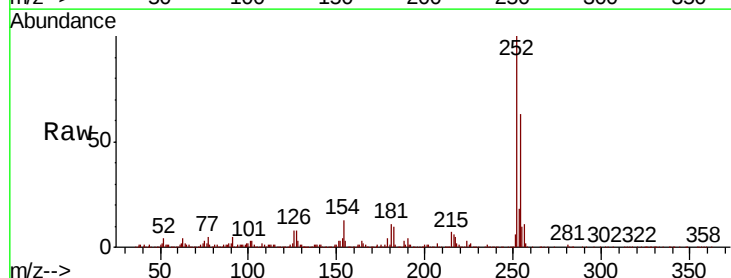


Abundance Ion 228.00 (227.70 to 228.70): E
1000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

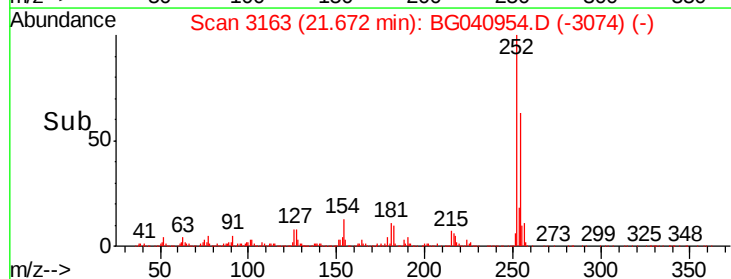
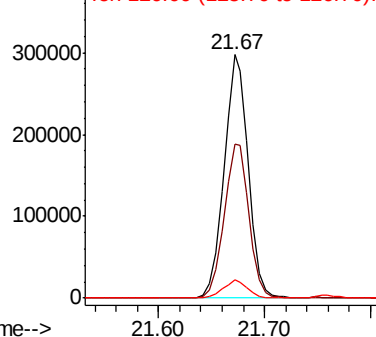


#82
3,3'-Dichlorobenzidine
Concen: 43.442 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Tgt Ion:252 Resp: 473353
Ion Ratio Lower Upper
252 100
254 63.1 52.1 78.1
126 7.7 5.5 8.3



Abundance Ion 252.00 (251.70 to 252.70): E
400000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.452 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

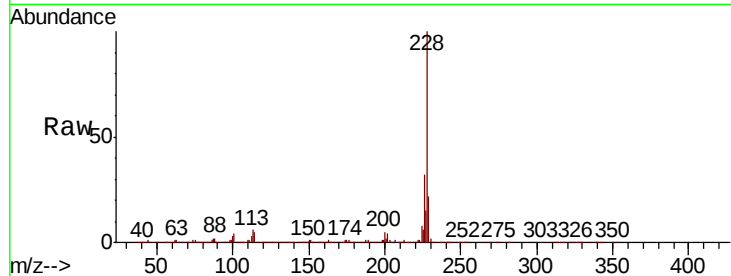
Tgt Ion:228 Resp: 1228883

Ion Ratio Lower Upper

228 100

226 32.2 24.6 37.0

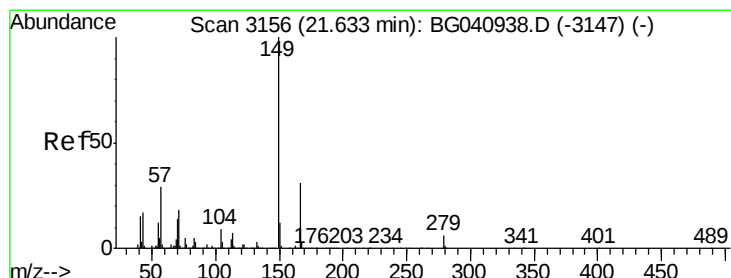
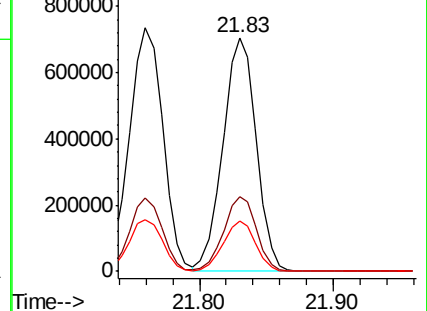
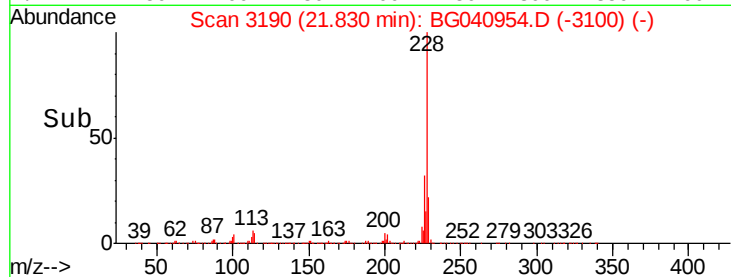
229 21.5 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.611 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

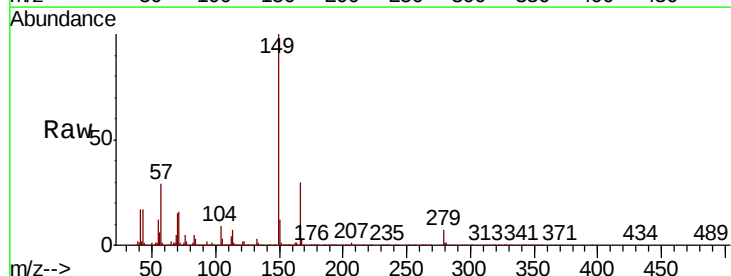
Tgt Ion:149 Resp: 689646

Ion Ratio Lower Upper

149 100

167 30.0 24.6 37.0

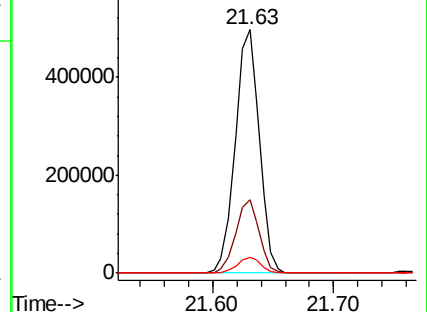
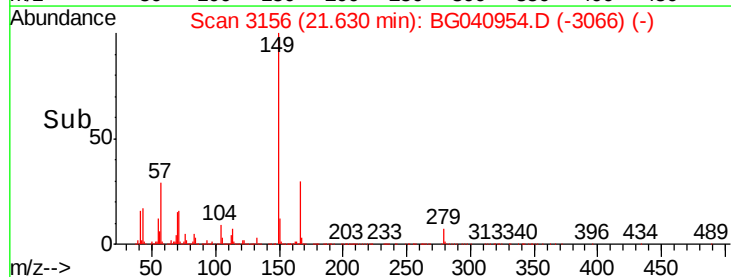
279 6.7 5.0 7.6

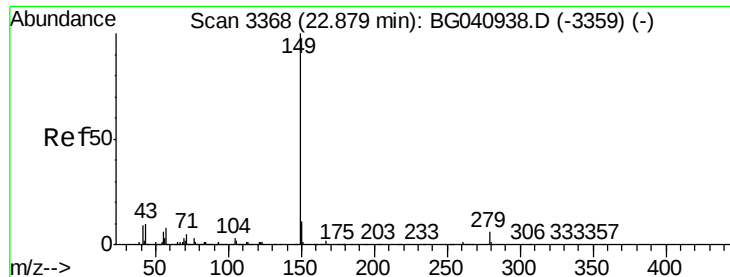


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.721 ng

RT: 22.88 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

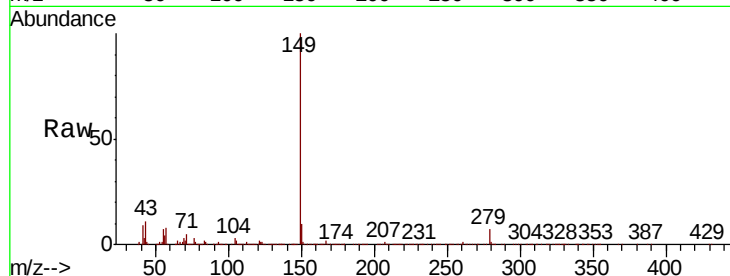
Tgt Ion:149 Resp: 1151593

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

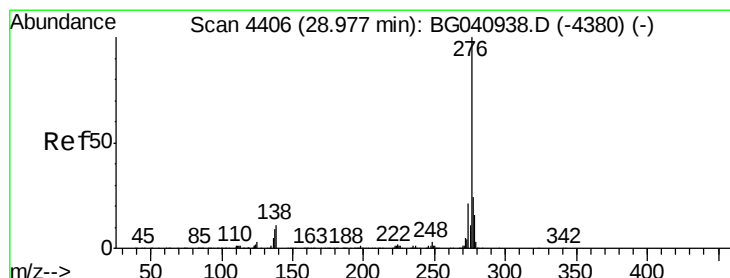
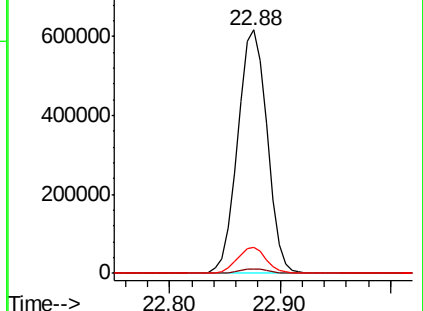
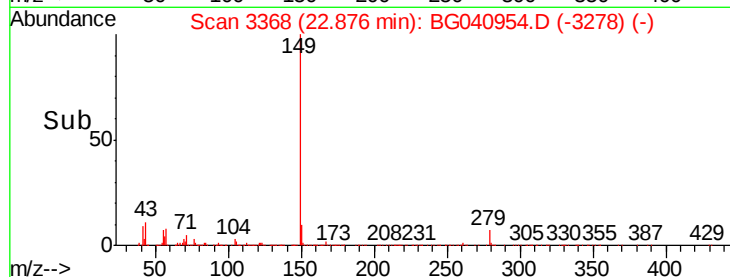
43 10.5 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.452 ng

RT: 28.96 min Scan# 4403

Delta R.T. -0.02 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

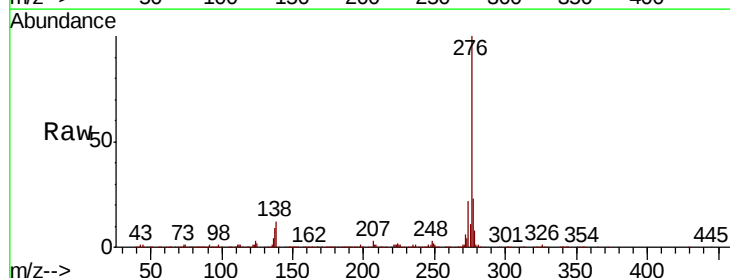
Tgt Ion:276 Resp: 1505377

Ion Ratio Lower Upper

276 100

138 7.5 5.7 8.5

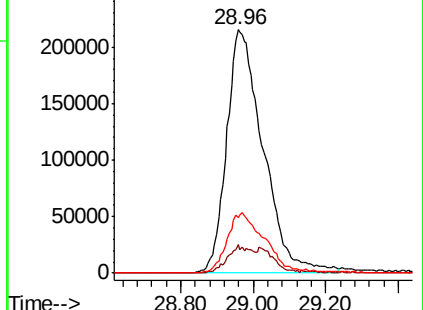
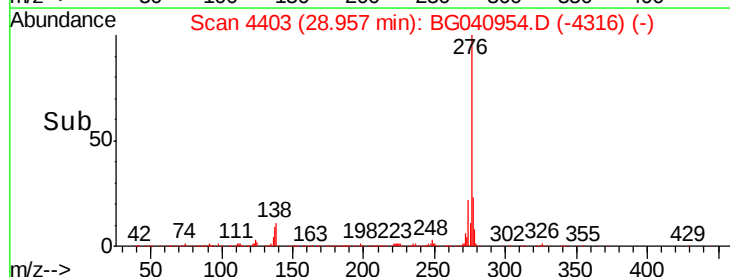
277 25.2 20.8 31.2

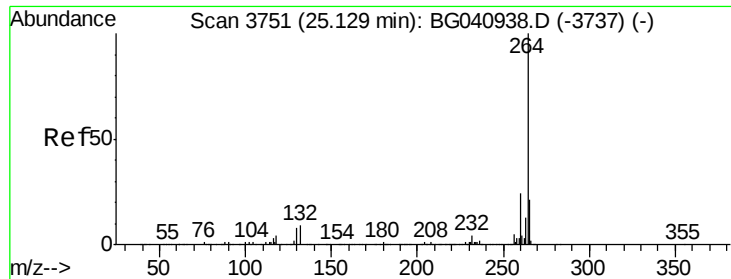


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3750

Delta R.T. -0.01 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

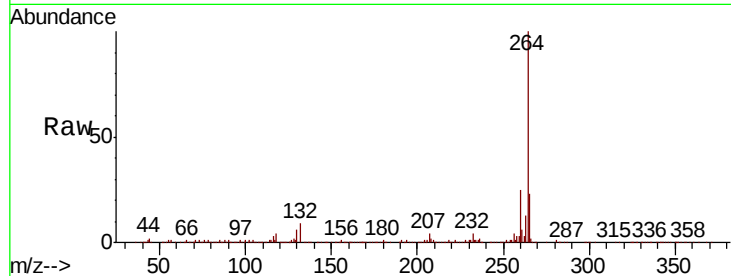
Tgt Ion:264 Resp: 510935

Ion Ratio Lower Upper

264 100

260 25.1 19.0 28.4

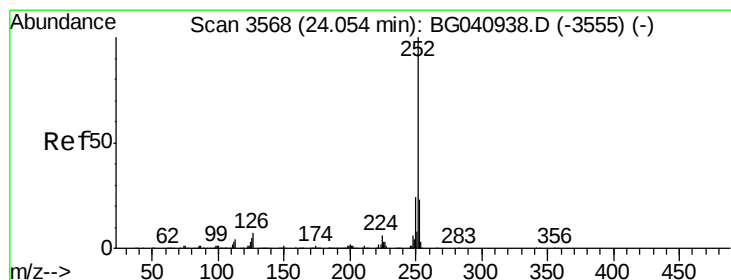
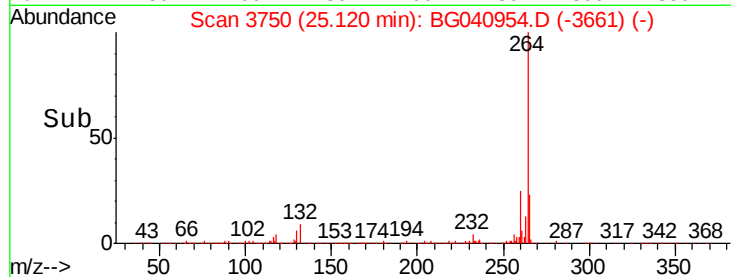
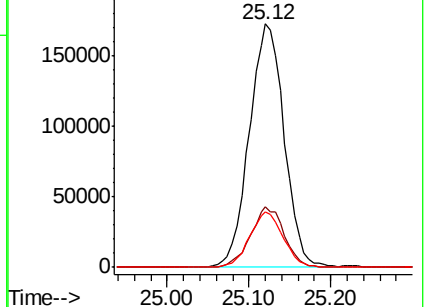
265 22.6 17.0 25.4



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: 40.771 ng

RT: 24.05 min Scan# 3568

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

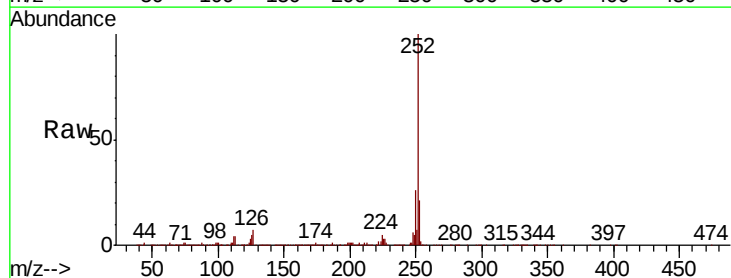
Tgt Ion:252 Resp: 1263504

Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

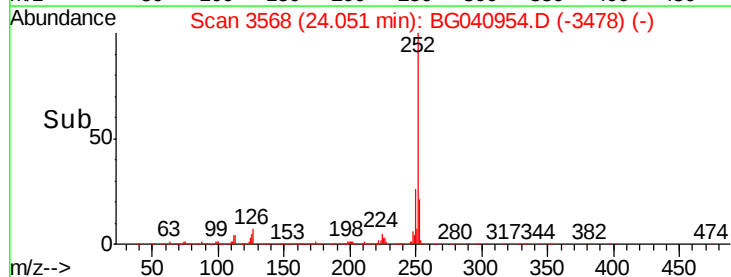
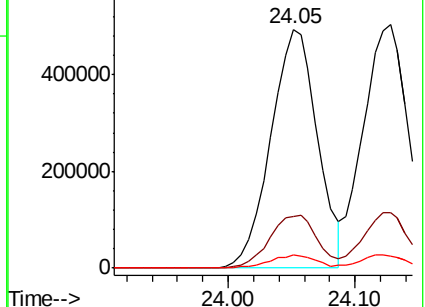
125 5.4 4.3 6.5

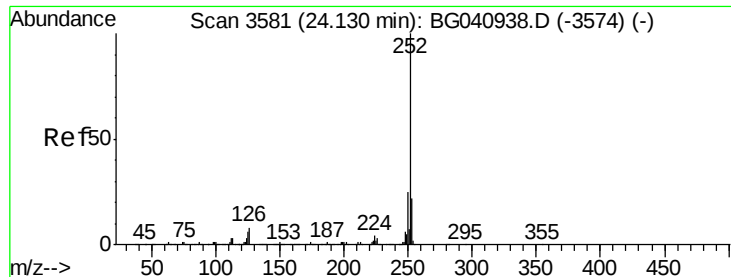


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.407 ng

RT: 24.13 min Scan# 3581

Delta R.T. -0.00 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

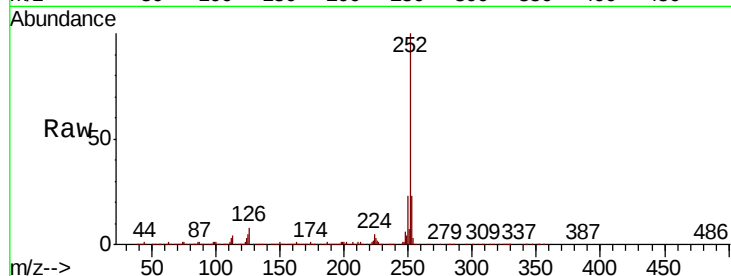
Tgt Ion:252 Resp: 1239152

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

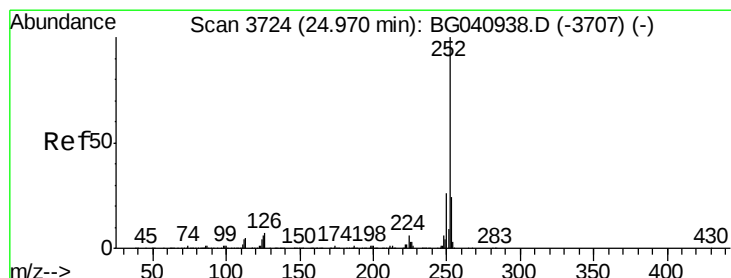
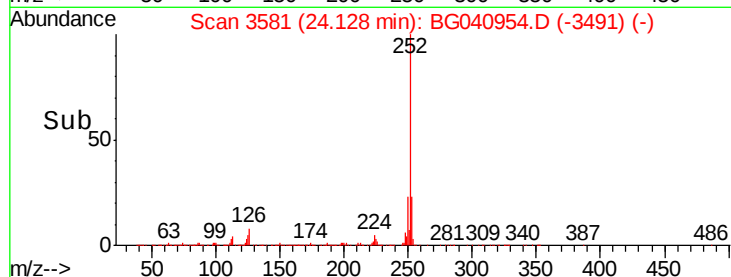
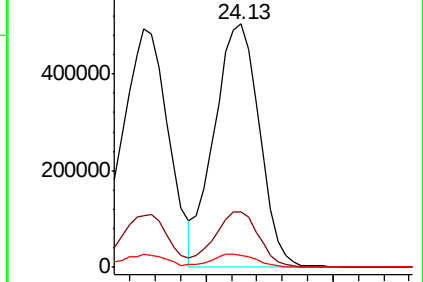
125 5.0 4.7 7.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.914 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.01 min

Lab File: BG040954.D

Acq: 30 May 2019 16:23

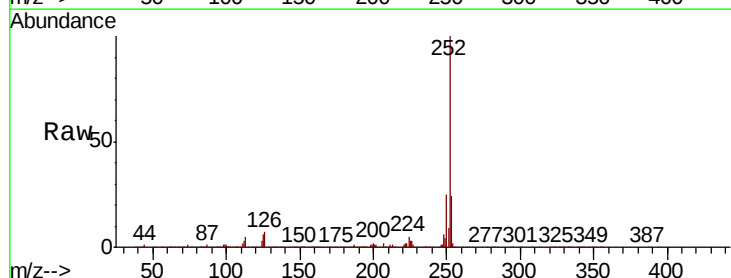
Tgt Ion:252 Resp: 1209674

Ion Ratio Lower Upper

252 100

253 24.1 19.5 29.3

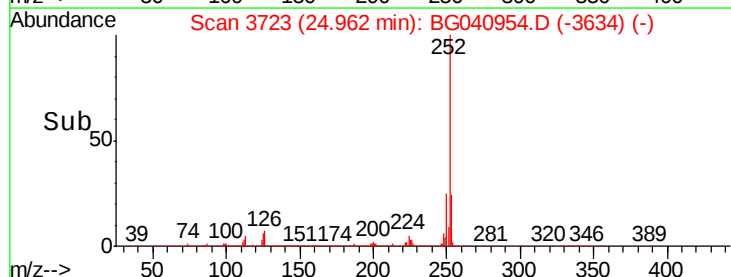
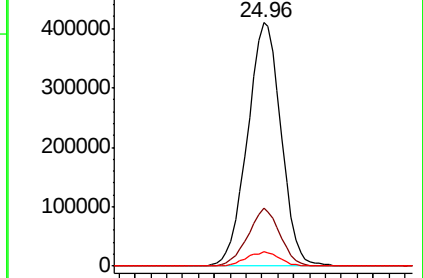
125 5.9 5.1 7.7

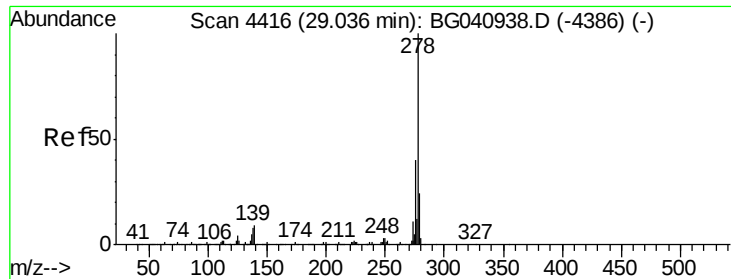


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

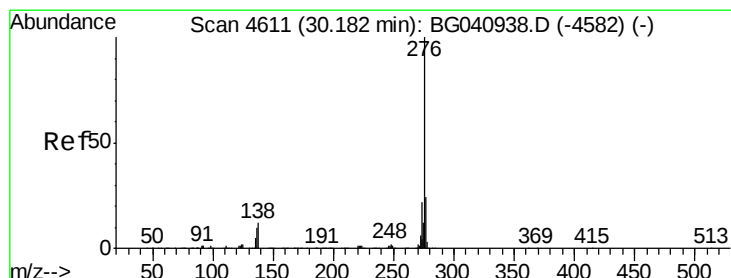
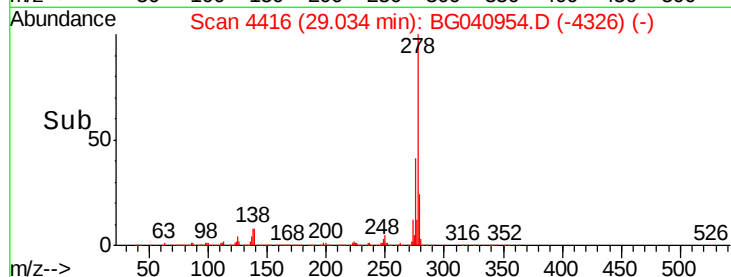
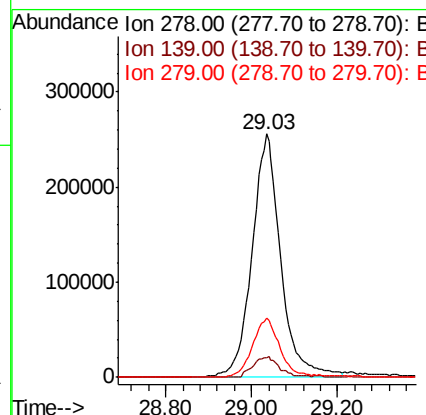
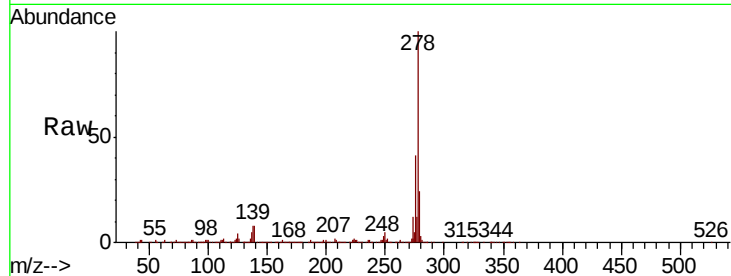




#91
Dibenzo(a,h)anthracene
Concen: 40.936 ng
RT: 29.03 min Scan# 4416
Delta R.T. -0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 1209399
Ion Ratio Lower Upper
278 100
139 8.3 7.1 10.7
279 24.1 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 40.491 ng
RT: 30.19 min Scan# 4612
Delta R.T. 0.00 min
Lab File: BG040954.D
Acq: 30 May 2019 16:23

Tgt Ion:276 Resp: 1162171
Ion Ratio Lower Upper
276 100
277 25.3 19.4 29.0
138 11.2 9.7 14.5

