

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040116.D
 Acq On : 25 Mar 2019 14:12
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 26 02:50:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	37556	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	168289	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	112716	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	274200	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	279525	20.00	ng	-0.03
87) Perylene-d12	25.16	264	288629	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	178416	81.05	ng	-0.02
7) Phenol-d6	7.29	99	261012	79.52	ng	-0.02
23) Nitrobenzene-d5	9.32	82	250270	80.43	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	111093	84.56	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	618085	78.08	ng	-0.03
79) Terphenyl-d14	20.10	244	996220	78.47	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	39655	39.018	ng	93
3) Pyridine	3.98	79	110684	40.680	ng	96
4) n-Nitrosodimethylamine	3.91	42	53137	41.167	ng	88
6) Aniline	7.47	93	167382	38.922	ng	96
8) 2-Chlorophenol	7.70	128	105324	39.437	ng	95
9) Benzaldehyde	7.29	77	67463	31.862	ng	98
10) Phenol	7.31	94	139446	39.215	ng	100
11) bis(2-Chloroethyl)ether	7.56	93	108389	39.095	ng	98
12) 1,3-Dichlorobenzene	8.03	146	116953	38.720	ng	97
13) 1,4-Dichlorobenzene	8.18	146	118961	38.666	ng	98
14) 1,2-Dichlorobenzene	8.50	146	112838	37.959	ng	99
15) Benzyl Alcohol	8.38	79	101584	39.014	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	202743	36.564	ng	97
17) 2-Methylphenol	8.57	107	87821	38.732	ng	98
18) Hexachloroethane	9.22	117	42270	38.290	ng	95
19) n-Nitroso-di-n-propylamine	8.94	70	87901	37.205	ng	93
20) 3+4-Methylphenols	8.91	107	121281	38.503	ng	98
22) Acetophenone	8.97	105	175944	38.953	ng	# 93
24) Nitrobenzene	9.37	77	130547	39.992	ng	97
25) Isophorone	9.88	82	250055	38.353	ng	96
26) 2-Nitrophenol	10.07	139	65016	41.252	ng	# 95
27) 2,4-Dimethylphenol	10.11	122	97313	39.700	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	152282	38.434	ng	99
29) 2,4-Dichlorophenol	10.60	162	112390	40.724	ng	97
30) 1,2,4-Trichlorobenzene	10.82	180	121959	39.272	ng	98
31) Naphthalene	11.01	128	347968	39.053	ng	100
32) Benzoic acid	10.25	122	54857	34.712	ng	97
33) 4-Chloroaniline	11.13	127	150332	39.788	ng	98
34) Hexachlorobutadiene	11.27	225	82616	38.931	ng	93
35) Caprolactam	11.91	113	41154	39.037	ng	# 81
36) 4-Chloro-3-methylphenol	12.23	107	127799	40.396	ng	98
37) 2-Methylnaphthalene	12.61	142	258262	38.769	ng	96
38) 1-Methylnaphthalene	12.83	142	252963	39.075	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	150407	39.389	ng	99

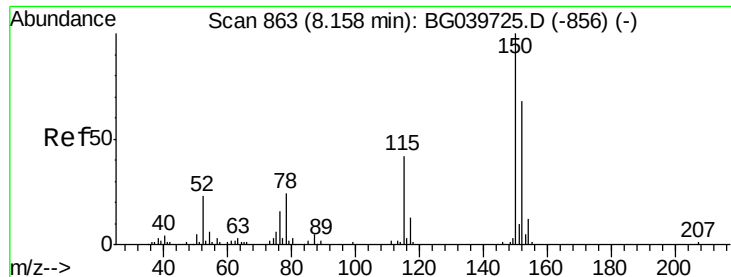
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040116.D
 Acq On : 25 Mar 2019 14:12
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTDC0040

Quant Time: Mar 26 02:50:22 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	77073	37.663	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	92700	41.466	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	99782	39.598	ng	98
46) 1,1'-Biphenyl	13.60	154	363762	39.238	ng	98
47) 2-Chloronaphthalene	13.65	162	274274	39.326	ng	99
48) 2-Nitroaniline	13.86	65	91404	40.781	ng	97
49) Acenaphthylene	14.49	152	453462	39.607	ng	100
50) Dimethylphthalate	14.22	163	366204	38.854	ng	99
51) 2,6-Dinitrotoluene	14.35	165	83094	41.587	ng	98
52) Acenaphthene	14.83	154	267877	38.874	ng	99
53) 3-Nitroaniline	14.68	138	81556	40.605	ng	# 98
54) 2,4-Dinitrophenol	14.89	184	39176	34.304	ng	96
55) Dibenzofuran	15.16	168	444434	39.310	ng	98
56) 4-Nitrophenol	14.98	139	66931	37.251	ng	94
57) 2,4-Dinitrotoluene	15.13	165	119534	42.576	ng	# 84
58) Fluorene	15.82	166	355555	40.004	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	99920	40.602	ng	97
60) Diethylphthalate	15.56	149	363774	38.989	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	187563	39.547	ng	97
62) 4-Nitroaniline	15.84	138	89116	40.927	ng	95
63) Azobenzene	16.09	77	331217	39.162	ng	96
65) 4,6-Dinitro-2-methylphenol	15.89	198	64104	39.540	ng	97
66) n-Nitrosodiphenylamine	16.01	169	314964	39.677	ng	98
67) 4-Bromophenyl-phenylether	16.69	248	123023	40.083	ng	98
68) Hexachlorobenzene	16.81	284	129043	40.561	ng	91
69) Atrazine	16.95	200	115302	36.907	ng	97
70) Pentachlorophenol	17.15	266	76715	38.181	ng	97
71) Phenanthrene	17.55	178	594623	39.370	ng	99
72) Anthracene	17.65	178	583057	39.615	ng	100
73) Carbazole	17.92	167	524817	39.554	ng	98
74) Di-n-butylphthalate	18.45	149	620657	39.757	ng	100
75) Fluoranthene	19.56	202	706659	39.590	ng	98
77) Benzidine	19.74	184	297618	33.553	ng	99
78) Pyrene	19.92	202	708851	39.026	ng	99
80) Butylbenzylphthalate	20.78	149	281551	40.010	ng	93
81) Benzo(a)anthracene	21.78	228	681248	38.887	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	245939	38.452	ng	100
83) Chrysene	21.85	228	651633	38.368	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	392566	39.698	ng	# 99
85) Di-n-octyl phthalate	22.89	149	670283	40.937	ng	94
86) Indeno(1,2,3-cd)pyrene	29.01	276	762009	39.549	ng	99
88) Benzo(b)fluoranthene	24.08	252	666509	38.725	ng	99
89) Benzo(k)fluoranthene	24.16	252	627898	39.191	ng	99
90) Benzo(a)pyrene	25.00	252	635182	39.938	ng	97
91) Dibenzo(a,h)anthracene	29.09	278	611364	39.210	ng	99
92) Benzo(g,h,i)perylene	30.24	276	618001	39.465	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

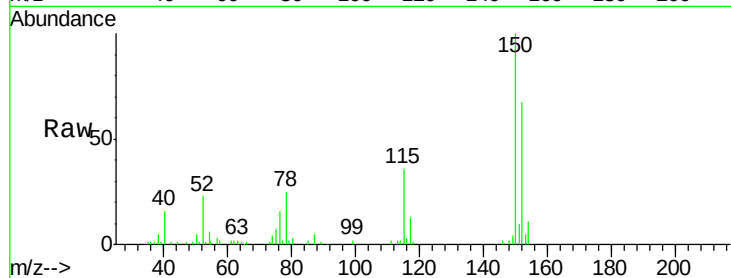
Tgt Ion:152 Resp: 37556

Ion Ratio Lower Upper

152 100

150 149.9 123.7 185.5

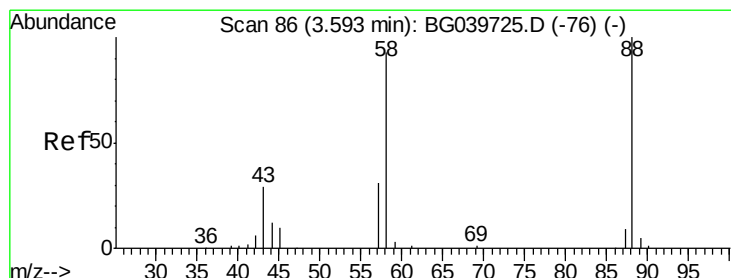
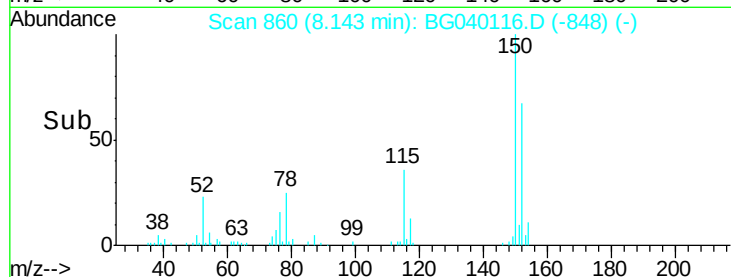
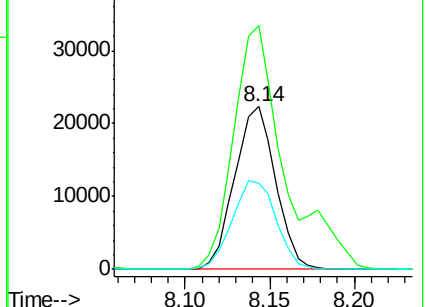
115 53.4 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.018 ng

RT: 3.58 min Scan# 84

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

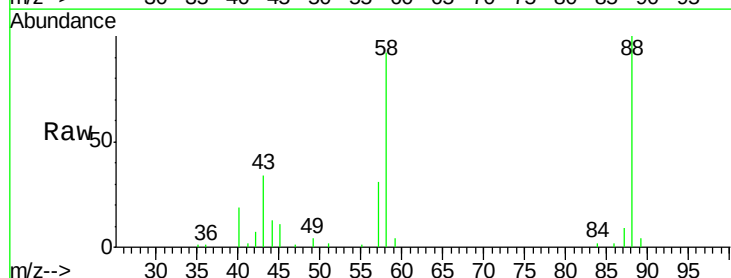
Tgt Ion: 88 Resp: 39655

Ion Ratio Lower Upper

88 100

58 94.6 81.1 121.7

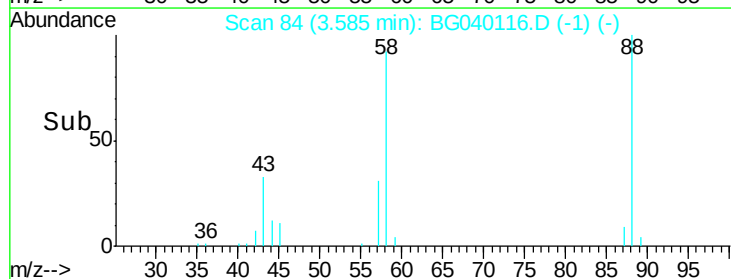
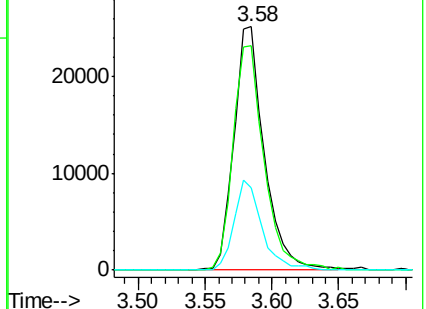
43 34.2 31.4 47.0

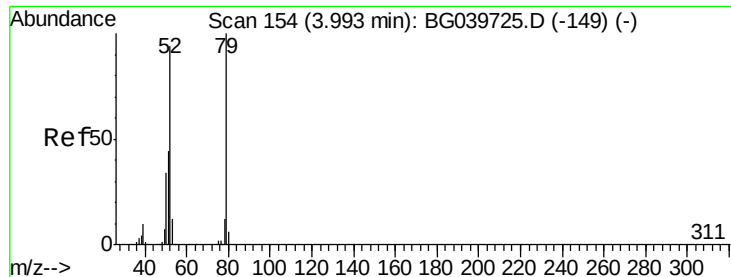


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 40.680 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

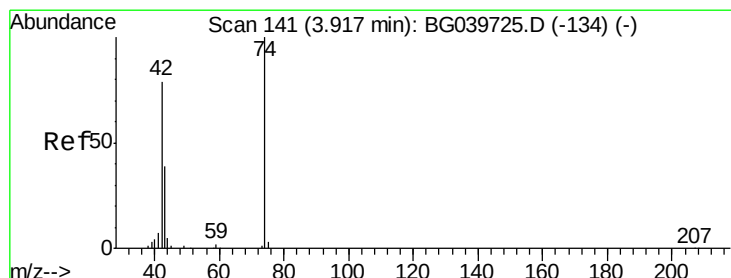
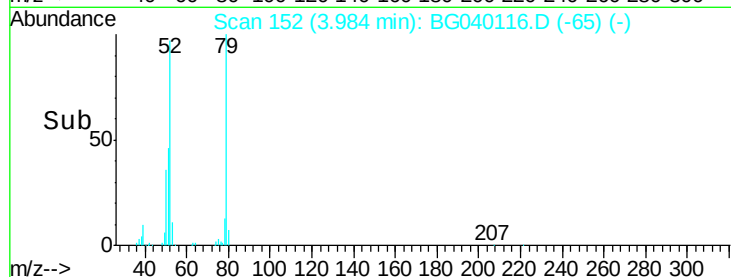
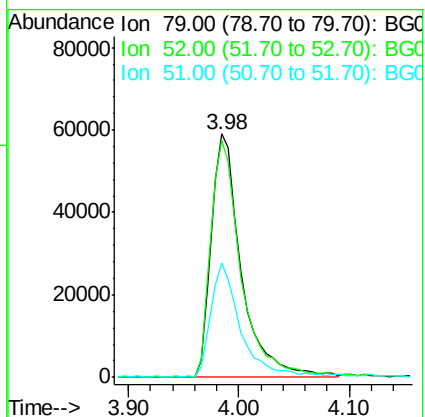
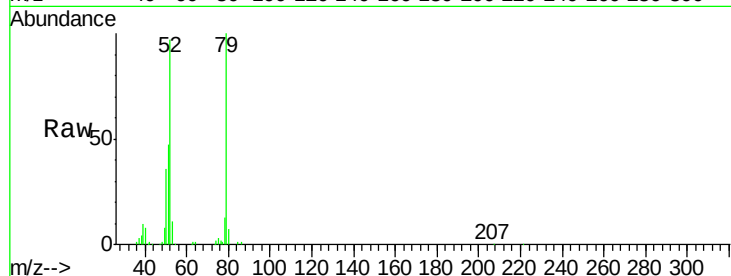
Tgt Ion: 79 Resp: 110684

Ion Ratio Lower Upper

79 100

52 97.4 82.6 124.0

51 47.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 41.167 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

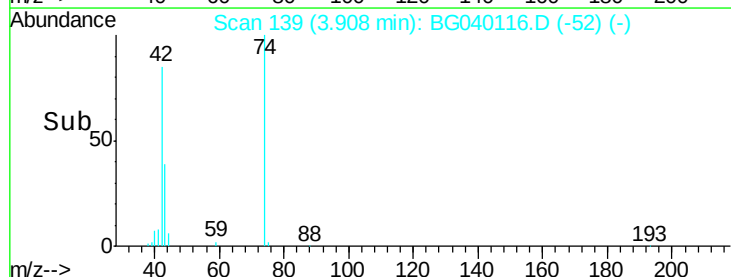
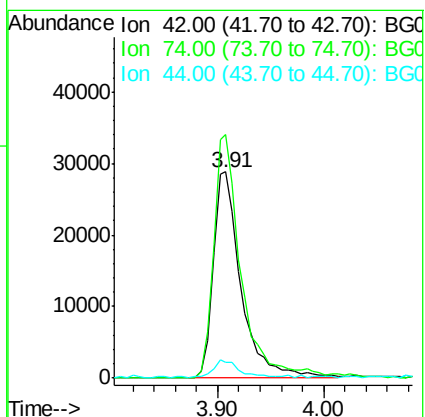
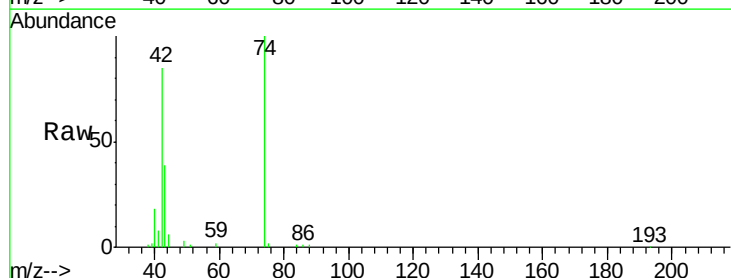
Tgt Ion: 42 Resp: 53137

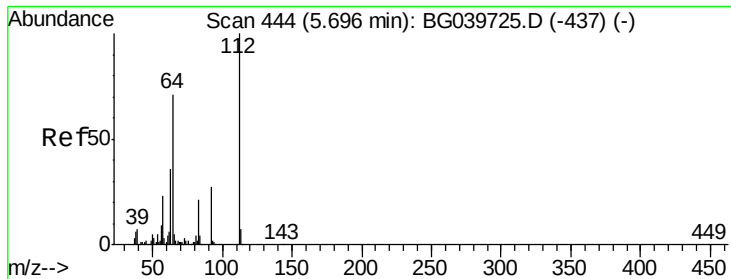
Ion Ratio Lower Upper

42 100

74 118.0 83.6 125.4

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 81.047 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

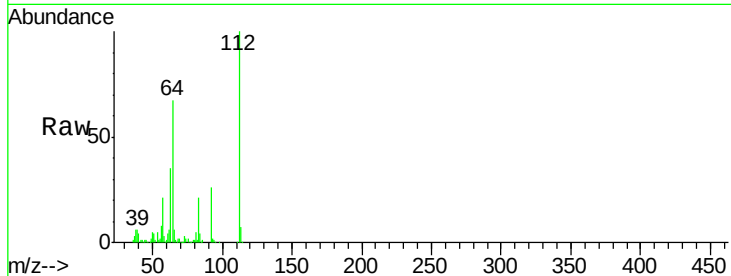
Tgt Ion: 112 Resp: 178416

Ion Ratio Lower Upper

112 100

64 66.8 57.8 86.8

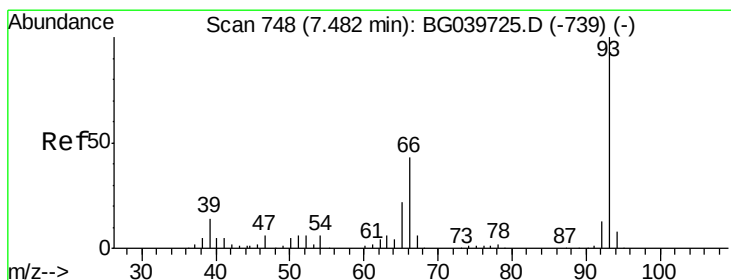
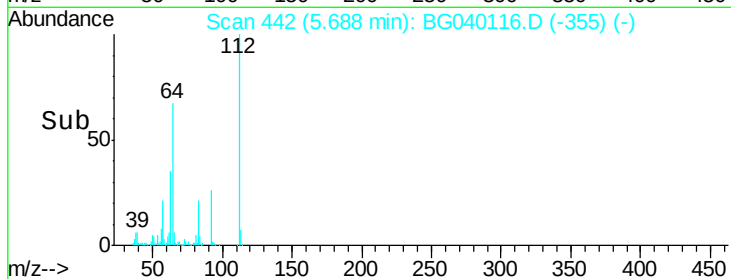
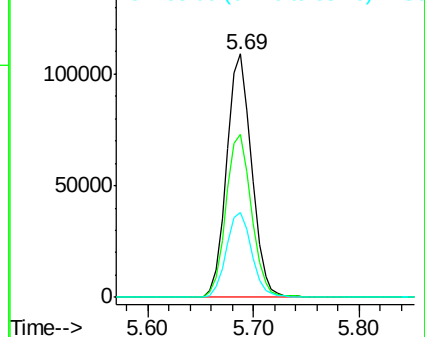
63 34.7 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.922 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.03 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

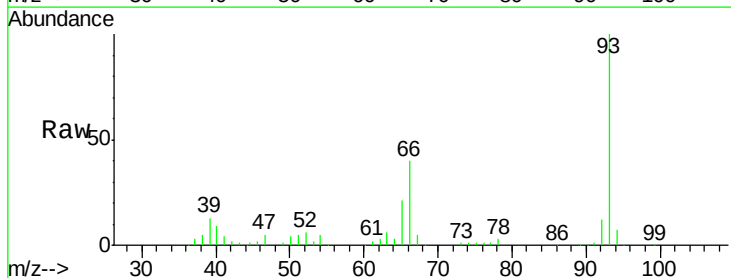
Tgt Ion: 93 Resp: 167382

Ion Ratio Lower Upper

93 100

66 40.2 34.2 51.4

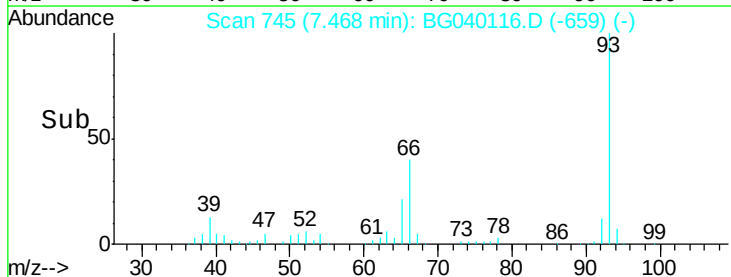
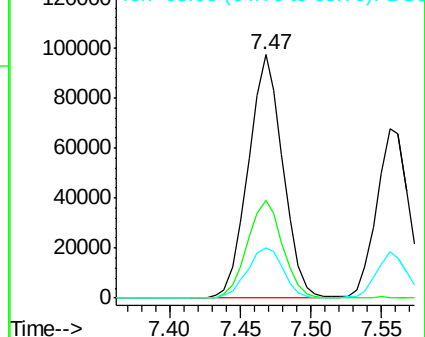
65 20.8 17.7 26.5

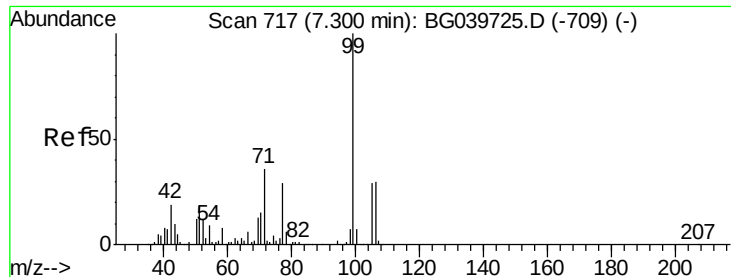


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.518 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

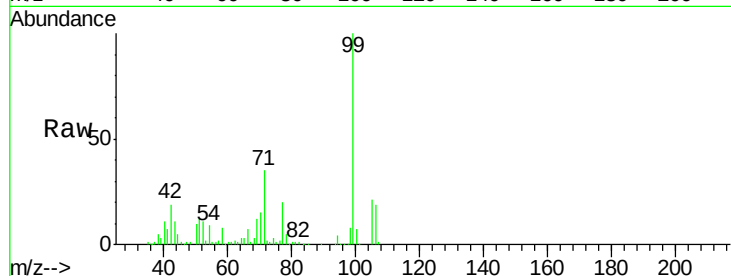
Tgt Ion: 99 Resp: 261012

Ion Ratio Lower Upper

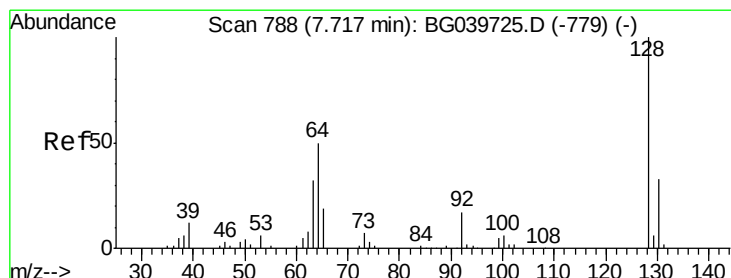
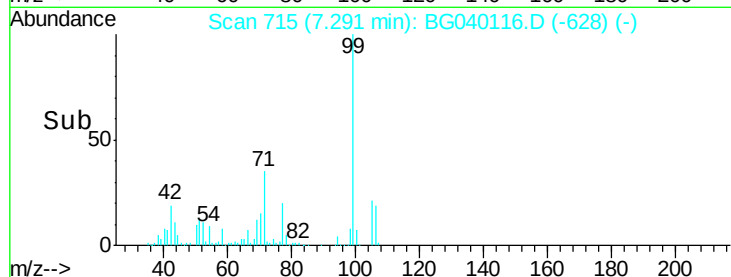
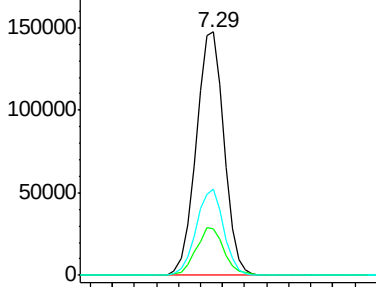
99 100

42 19.1 18.2 27.2

71 35.1 28.0 42.0



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



#8

2-Chlorophenol

Concen: 39.437 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

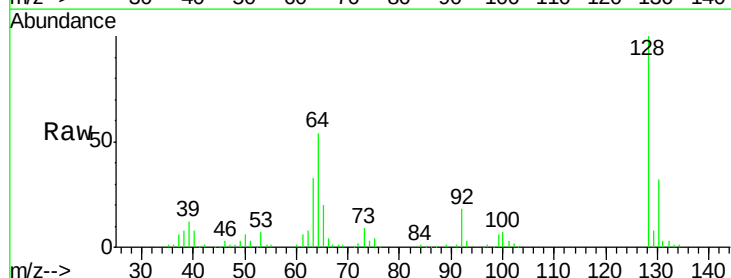
Tgt Ion: 128 Resp: 105324

Ion Ratio Lower Upper

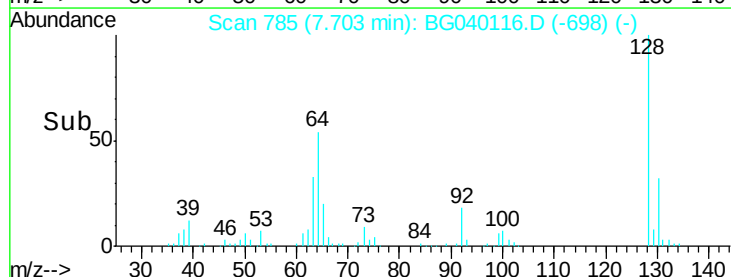
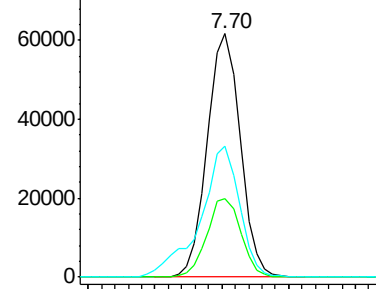
128 100

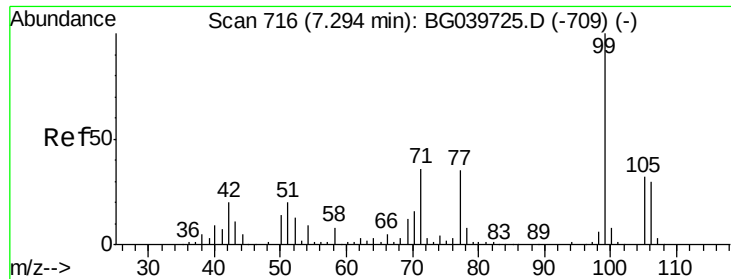
130 32.5 12.9 52.9

64 53.6 38.7 78.7



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





#9

Benzaldehyde

Concen: 31.862 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

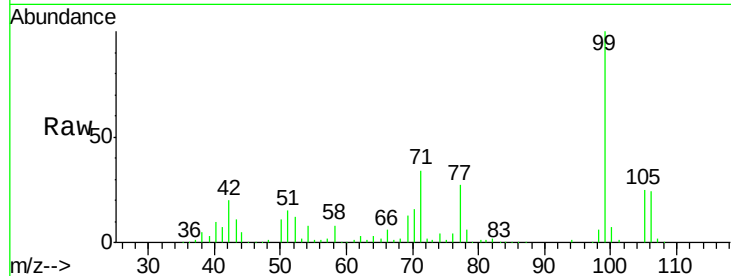
Tgt Ion: 77 Resp: 67463

Ion Ratio Lower Upper

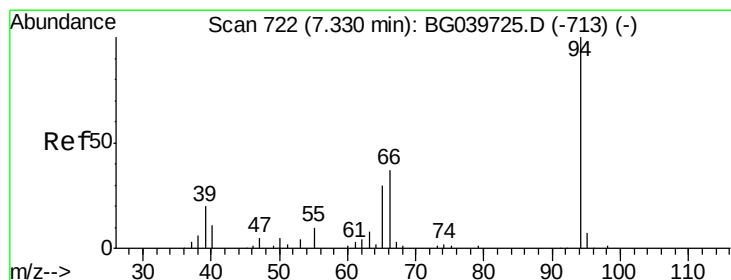
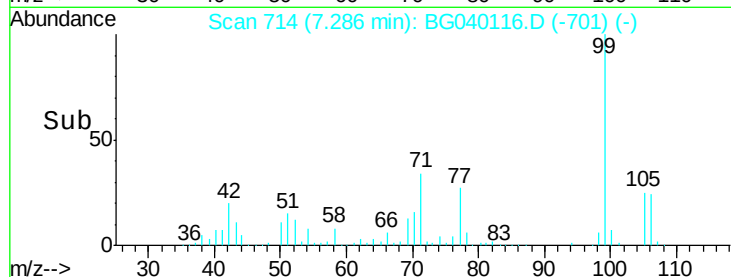
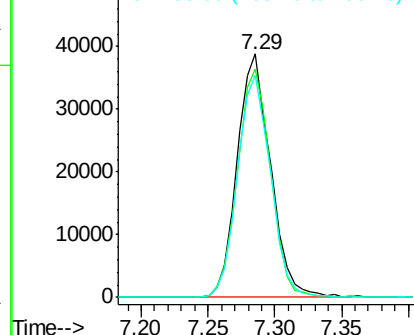
77 100

105 93.7 74.5 114.5

106 91.0 68.0 108.0



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



#10

Phenol

Concen: 39.215 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

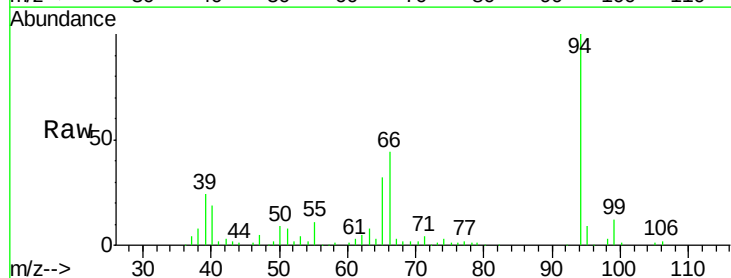
Tgt Ion: 94 Resp: 139446

Ion Ratio Lower Upper

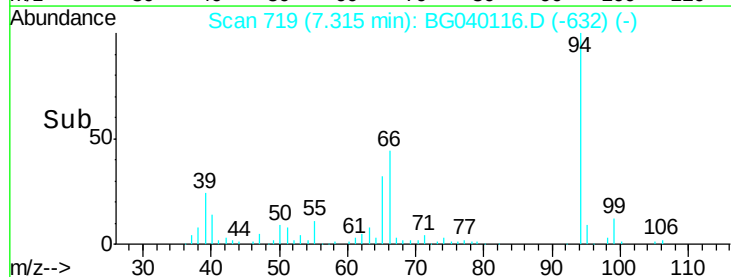
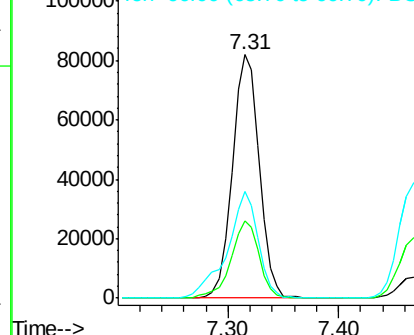
94 100

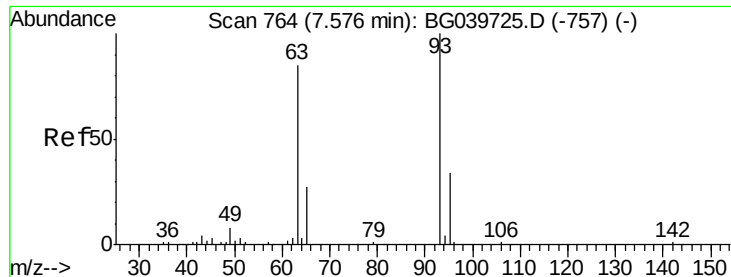
65 32.0 11.7 51.7

66 43.7 23.7 63.7



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





#11

bis(2-Chloroethyl)ether

Concen: 39.095 ng

RT: 7.56 min Scan# 760

Delta R.T. -0.03 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

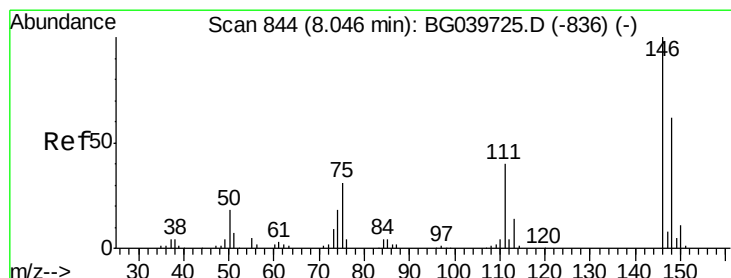
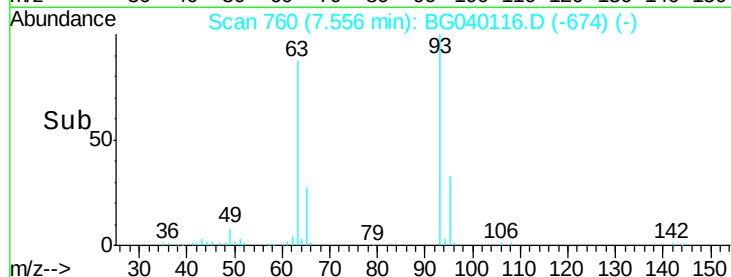
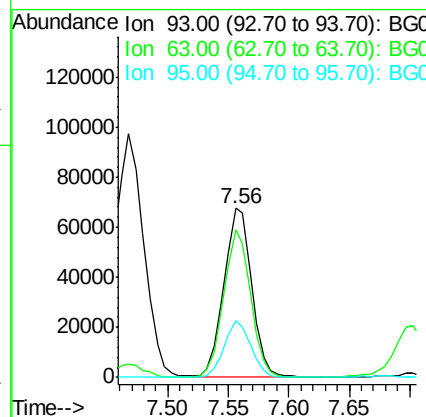
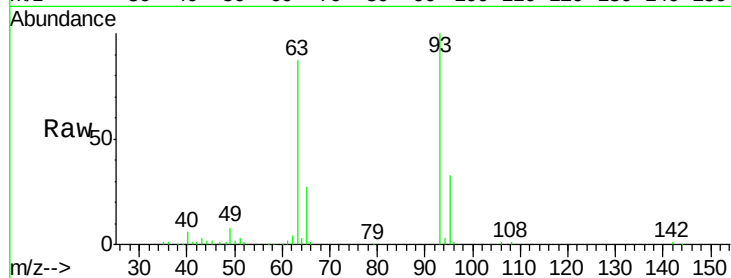
Tgt Ion: 93 Resp: 108389

Ion Ratio Lower Upper

93 100

63 87.1 69.5 109.5

95 33.5 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 38.720 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.03 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

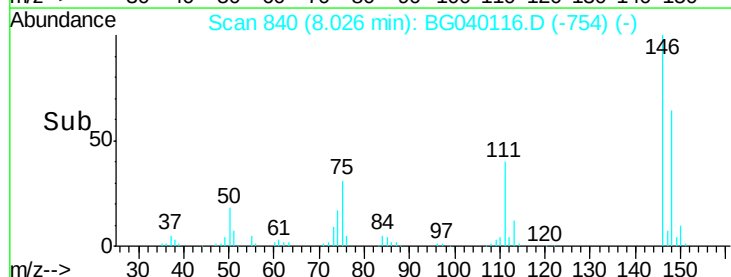
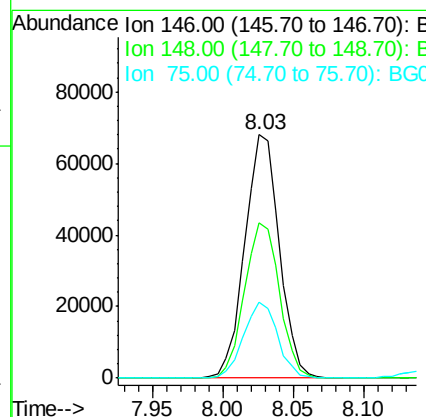
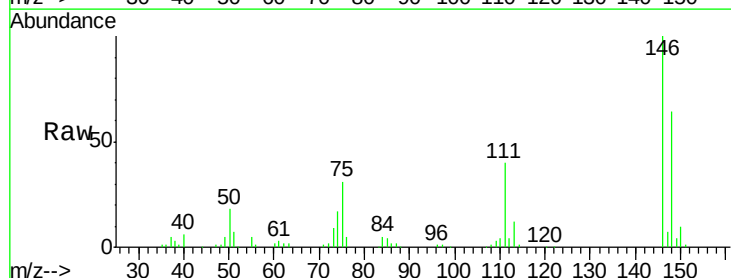
Tgt Ion: 146 Resp: 116953

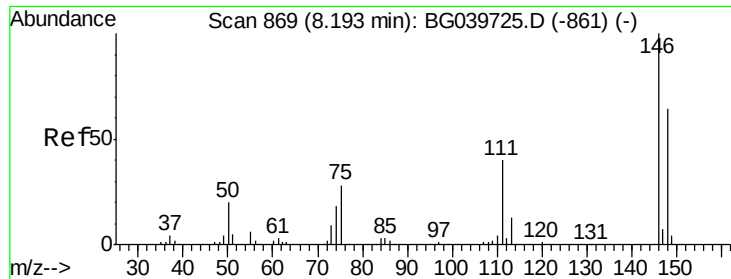
Ion Ratio Lower Upper

146 100

148 63.5 52.6 79.0

75 30.9 25.8 38.6

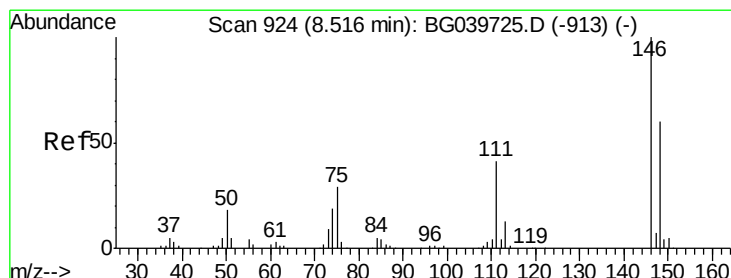
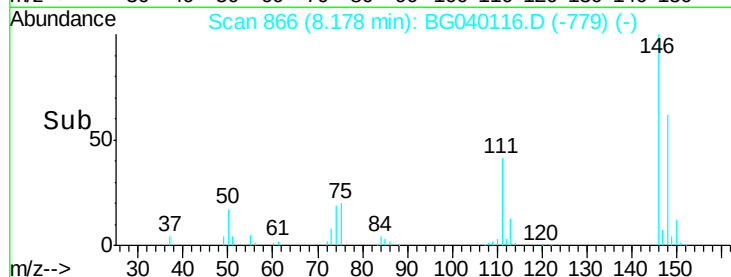
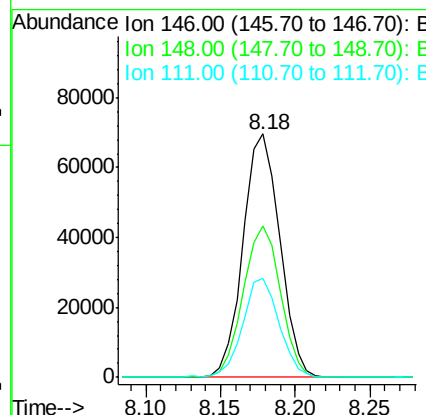
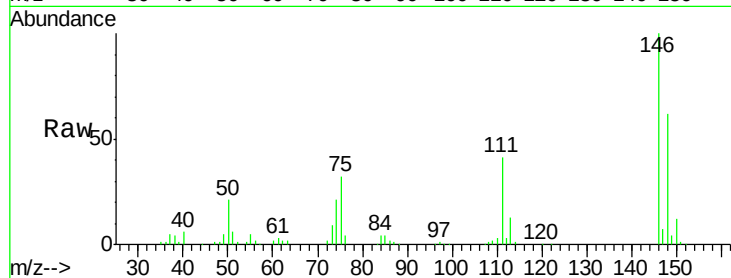




#13
 1,4-Dichlorobenzene
 Concen: 38.666 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

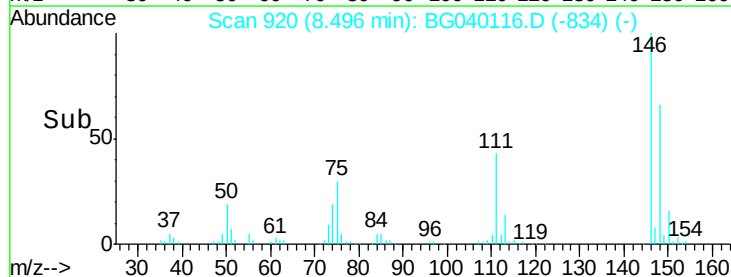
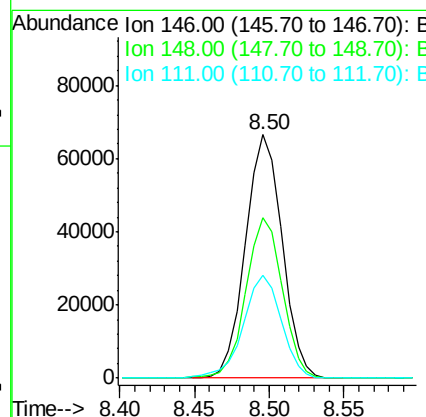
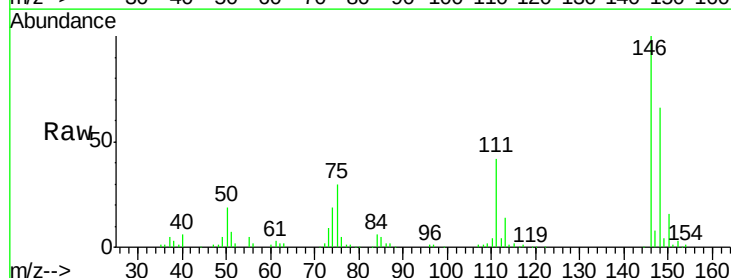
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

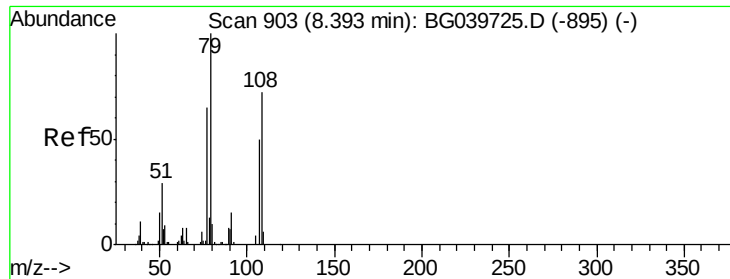
Tgt Ion:146 Resp: 118961
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.1 76.7
 111 40.8 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 37.959 ng
 RT: 8.50 min Scan# 920
 Delta R.T. -0.03 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

Tgt Ion:146 Resp: 112838
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.5 77.3
 111 42.3 33.8 50.6

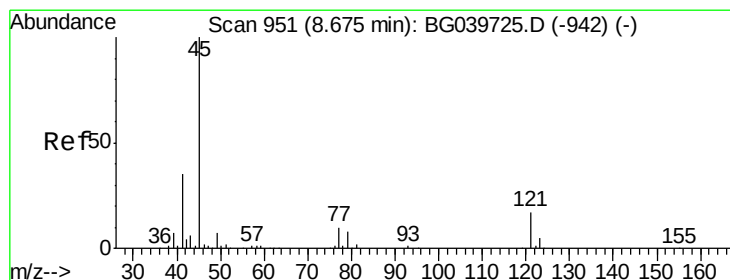
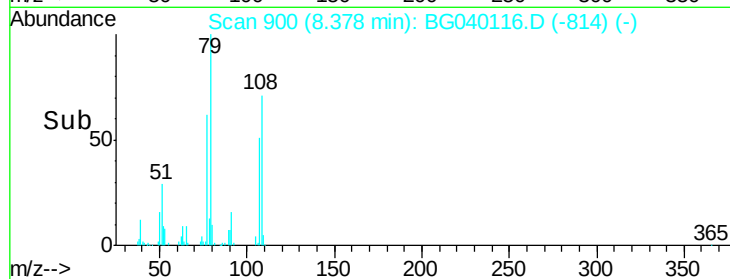
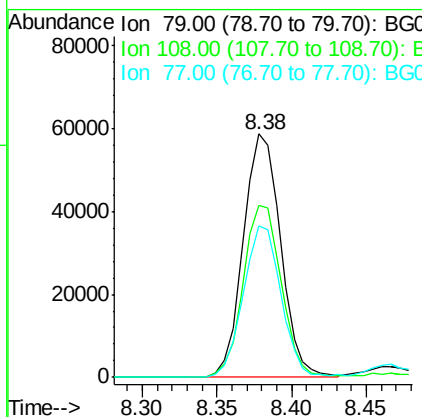
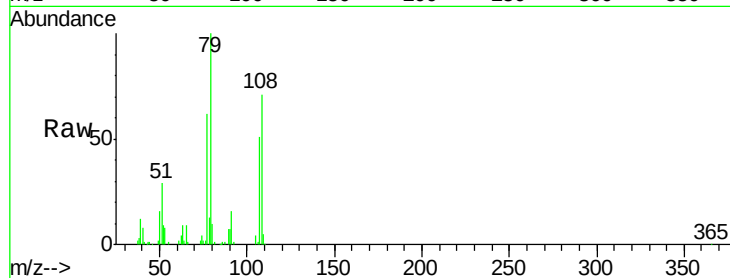




#15
Benzyl Alcohol
Concen: 39.014 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

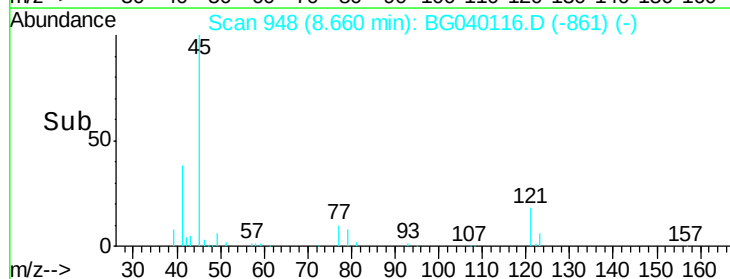
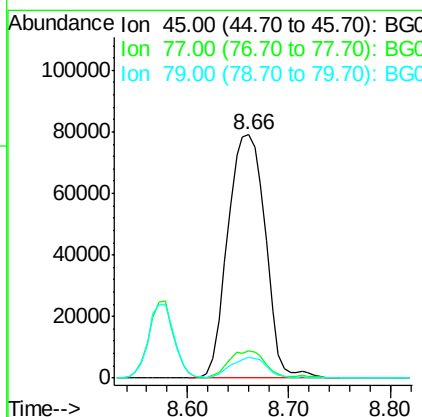
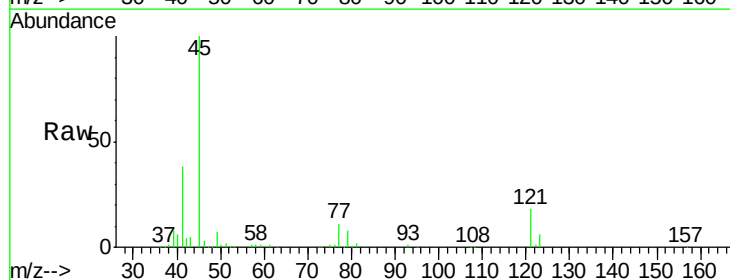
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

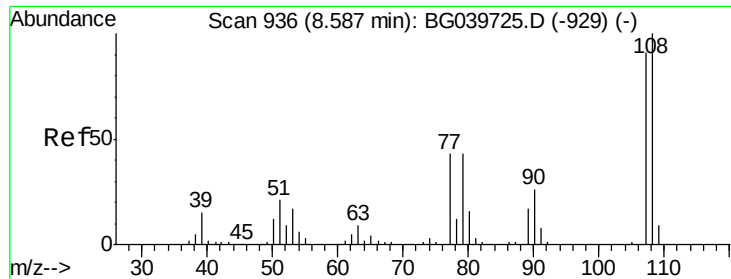
Tgt Ion: 79 Resp: 101584
Ion Ratio Lower Upper
79 100
108 70.7 57.8 86.6
77 62.2 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.564 ng
RT: 8.66 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

Tgt Ion: 45 Resp: 202743
Ion Ratio Lower Upper
45 100
77 11.1 0.0 30.0
79 8.5 0.0 27.5

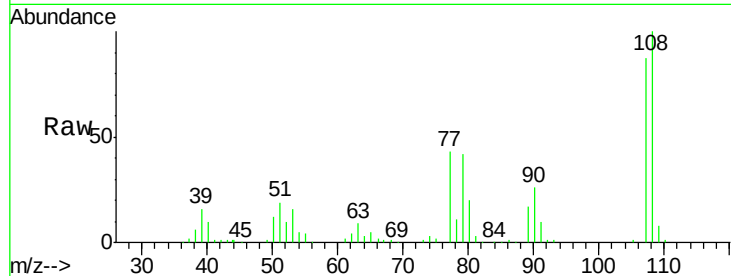




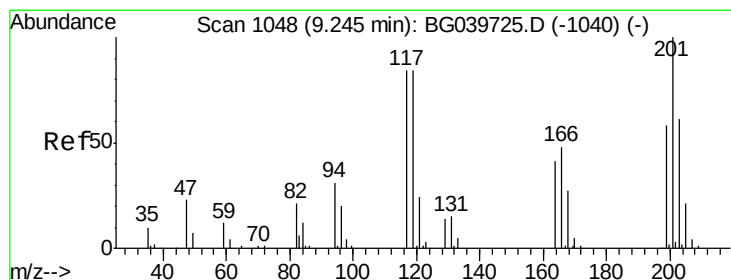
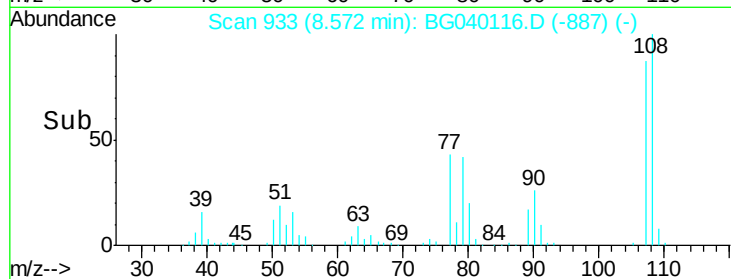
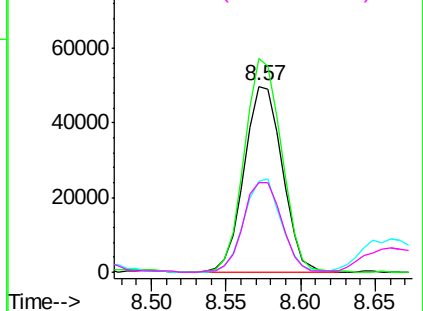
#17
2-Methylphenol
Concen: 38.732 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.03 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	87821
Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.8	136.2
77	49.2	40.7	61.1
79	48.3	40.6	60.8

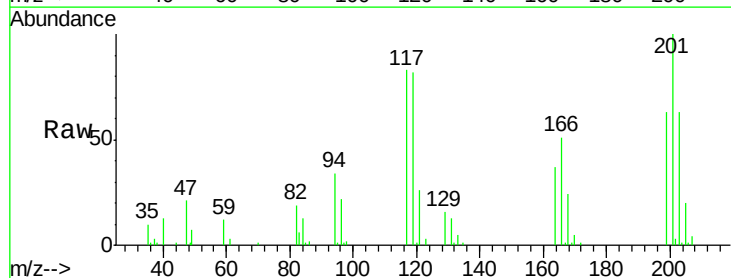


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

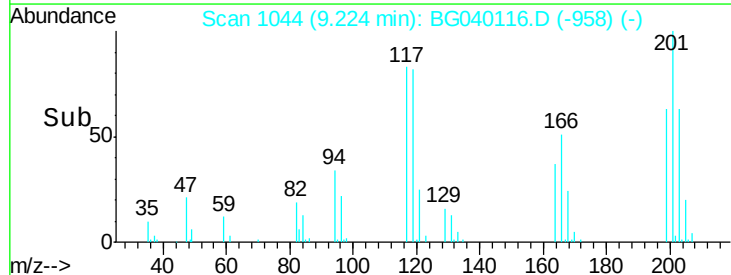
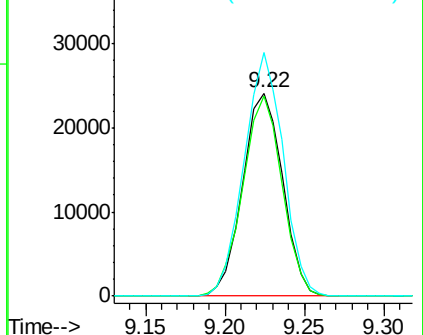


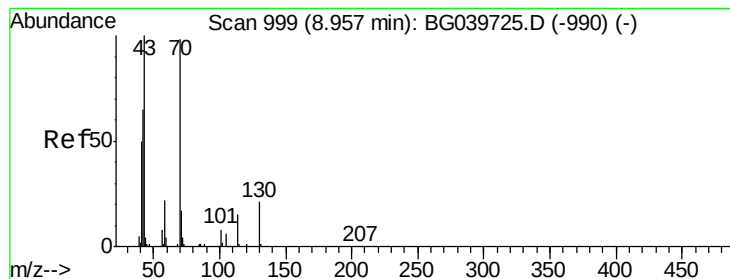
#18
Hexachloroethane
Concen: 38.290 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

Tgt Ion:	117	Resp:	42270
Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.3	114.5
201	120.1	91.1	136.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.205 ng

RT: 8.94 min Scan# 996

Delta R.T. -0.03 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 87901

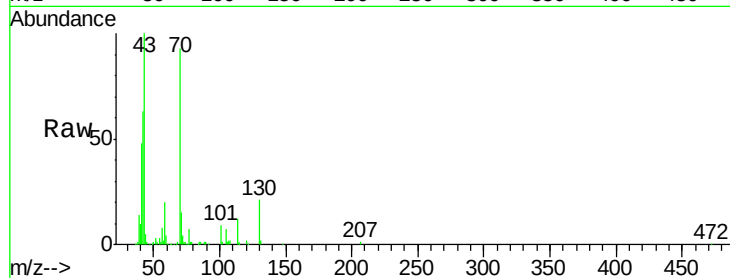
Ion Ratio Lower Upper

70 100

42 67.6 60.4 90.6

101 10.0 7.5 11.3

130 22.1 16.9 25.3



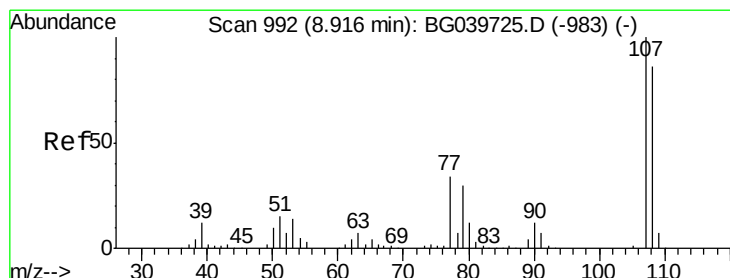
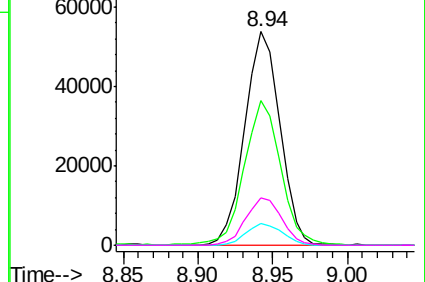
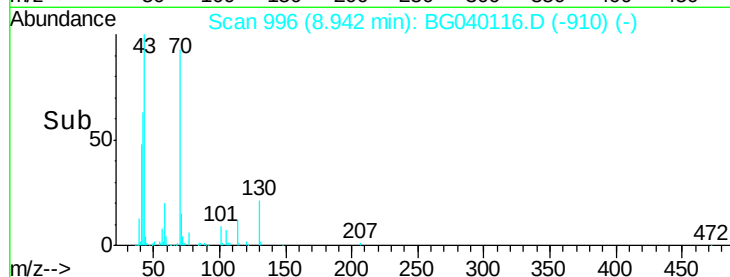
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Time-->



#20

3+4-Methylphenols

Concen: 38.503 ng

RT: 8.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Tgt Ion: 107 Resp: 121281

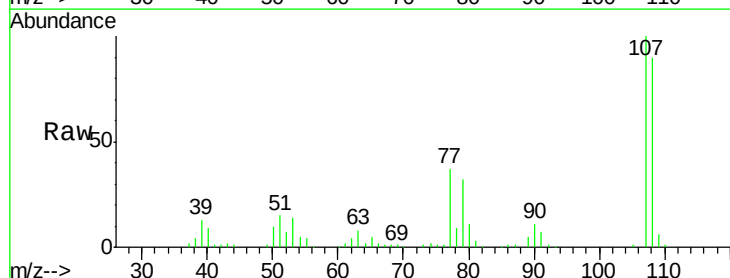
Ion Ratio Lower Upper

107 100

108 90.0 67.9 107.9

77 36.6 15.4 55.4

79 32.4 13.7 53.7



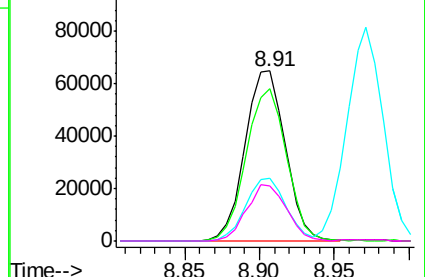
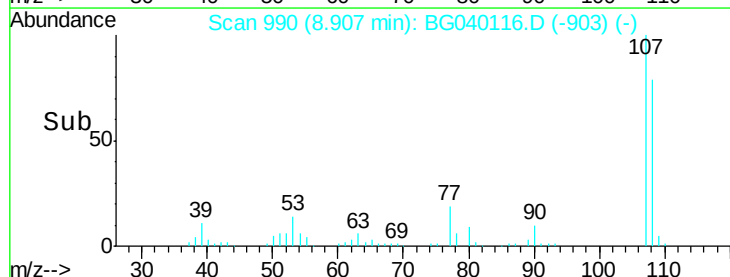
Abundance Ion 107.00 (106.70 to 107.70): BGC

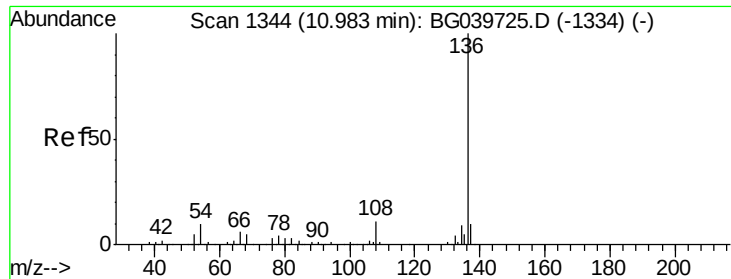
Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time-->

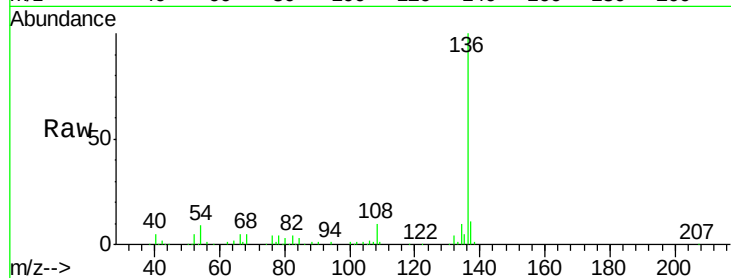




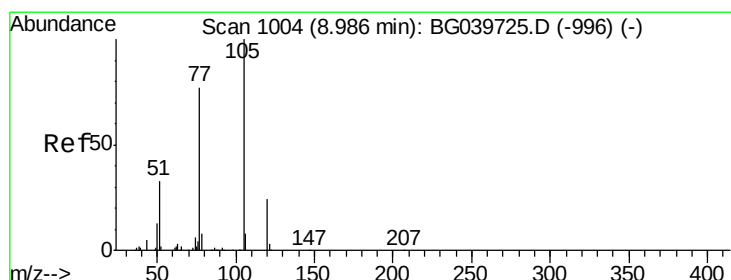
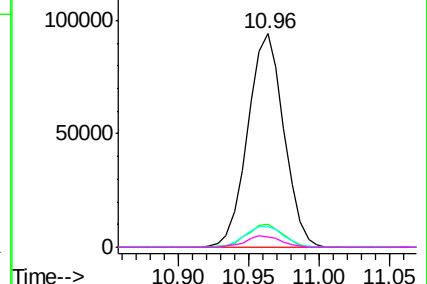
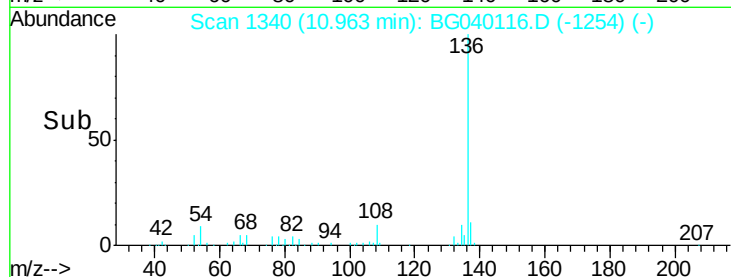
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	168289
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	9.4	9.4	14.2#
68	4.8	4.2	6.4

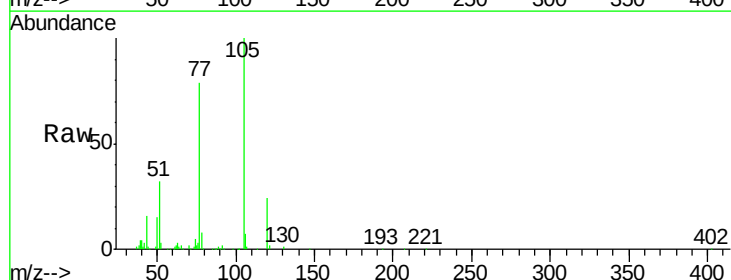


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

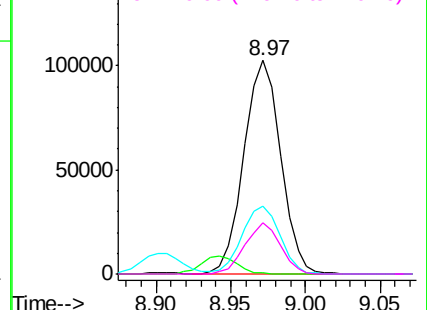
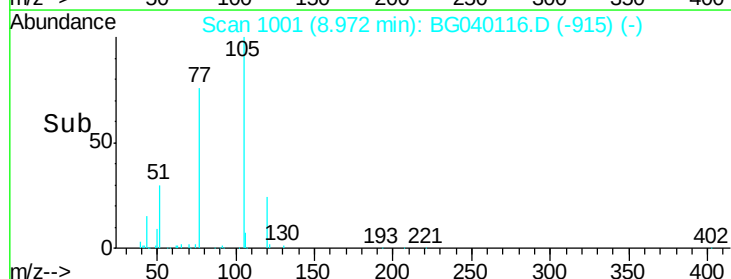


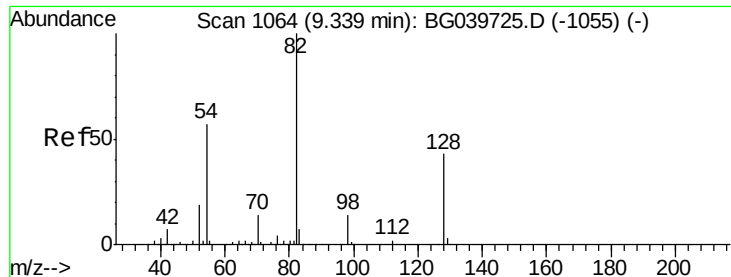
#22
Acetophenone
Concen: 38.953 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

Tgt Ion:	105	Resp:	175944
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.8	1.2#
51	31.9	30.2	45.2
120	24.0	18.0	27.0



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

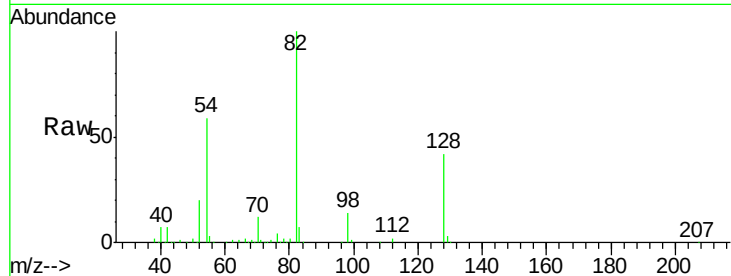




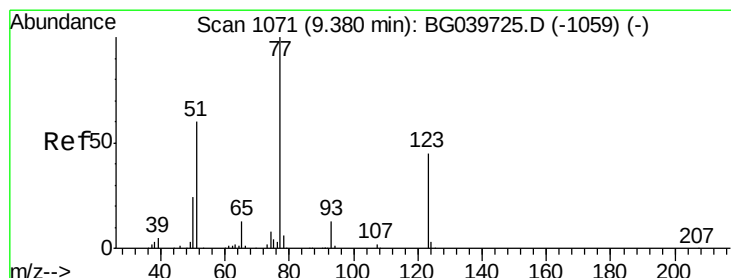
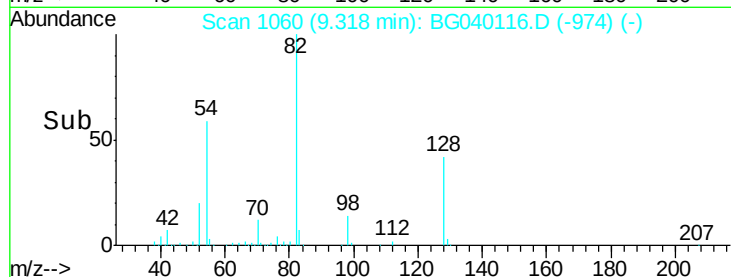
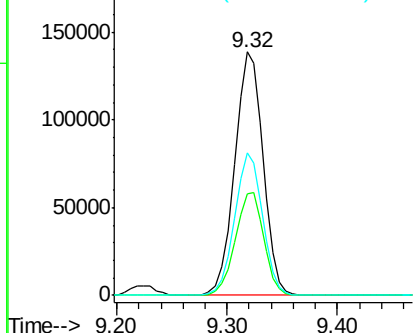
#23
 Nitrobenzene-d5
 Concen: 80.431 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 250270
 Ion Ratio Lower Upper
 82 100
 128 41.7 31.3 46.9
 54 58.7 50.9 76.3

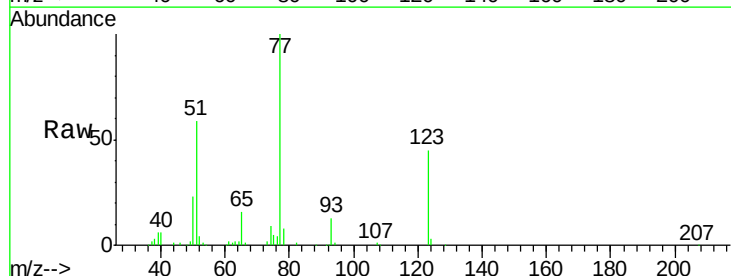


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

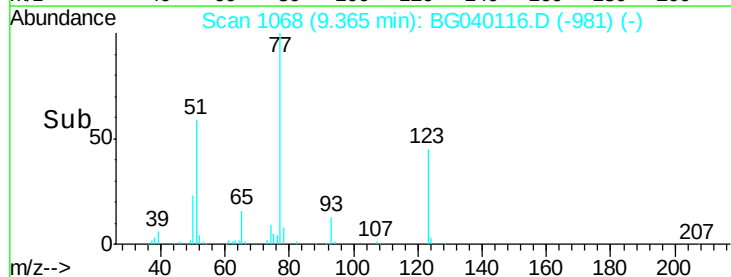
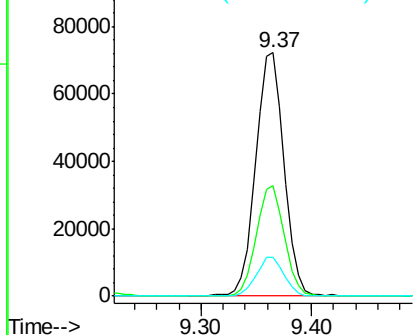


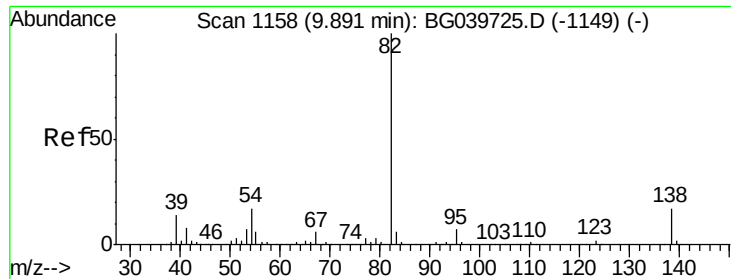
#24
 Nitrobenzene
 Concen: 39.992 ng
 RT: 9.37 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

Tgt Ion: 77 Resp: 130547
 Ion Ratio Lower Upper
 77 100
 123 45.2 34.1 51.1
 65 15.8 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: 38.353 ng

RT: 9.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

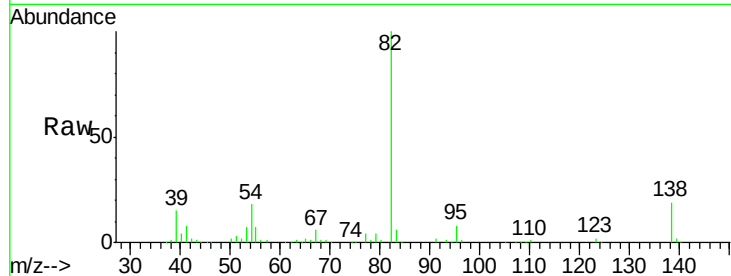
Tgt Ion: 82 Resp: 250055

Ion Ratio Lower Upper

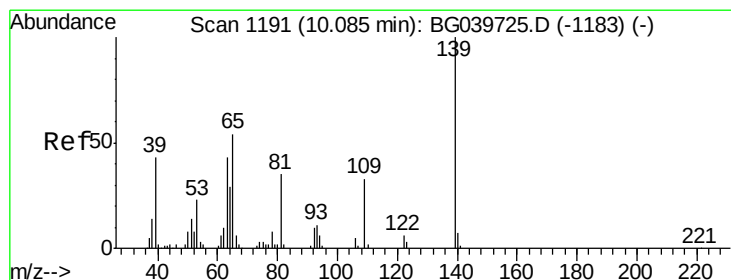
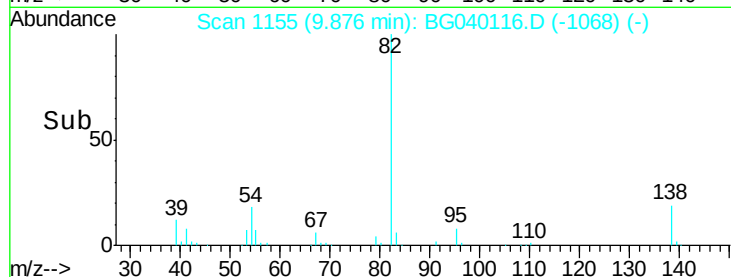
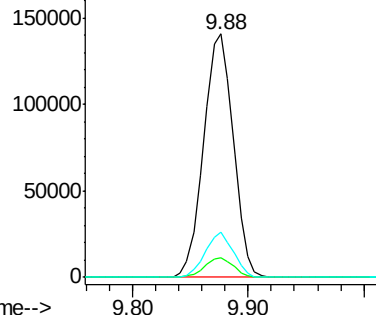
82 100

95 8.1 6.2 9.2

138 18.5 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 41.252 ng

RT: 10.07 min Scan# 1188

Delta R.T. -0.03 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

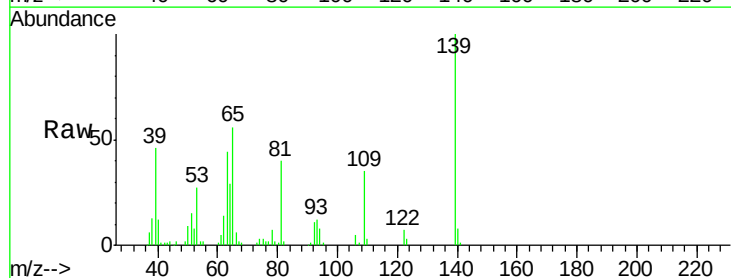
Tgt Ion: 139 Resp: 65016

Ion Ratio Lower Upper

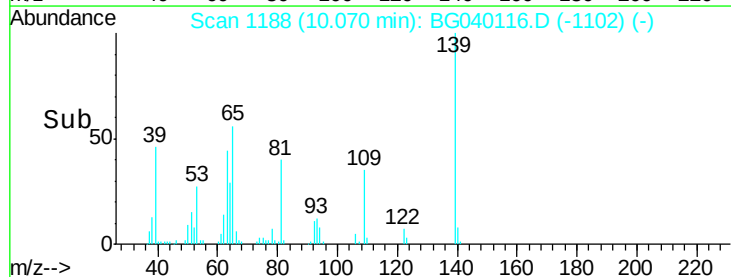
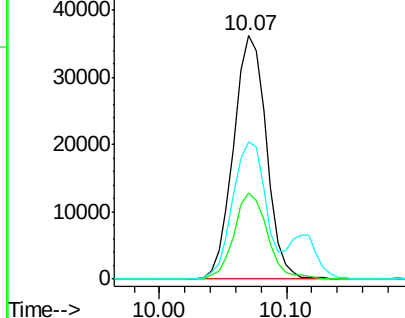
139 100

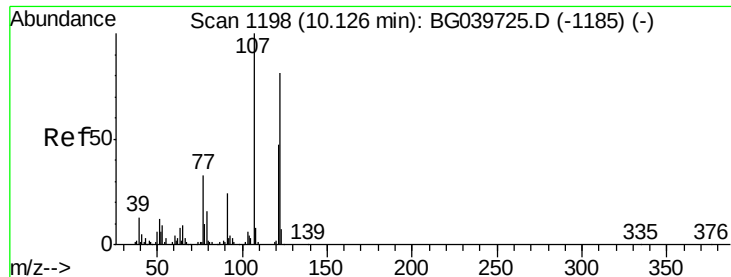
109 35.1 23.4 35.0#

65 56.2 44.3 66.5



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

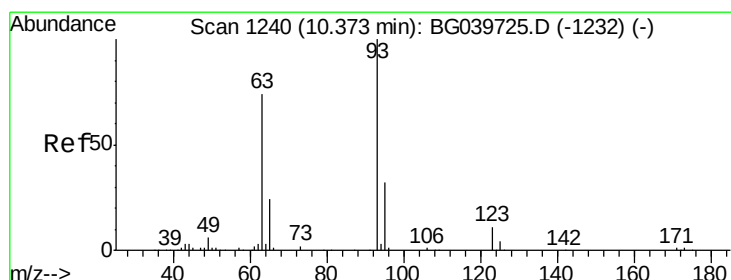
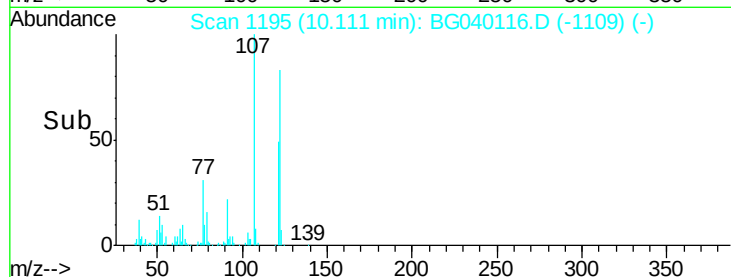
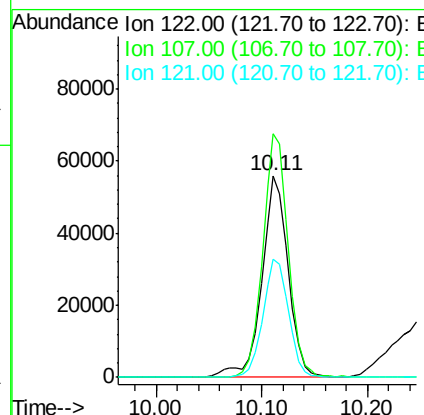
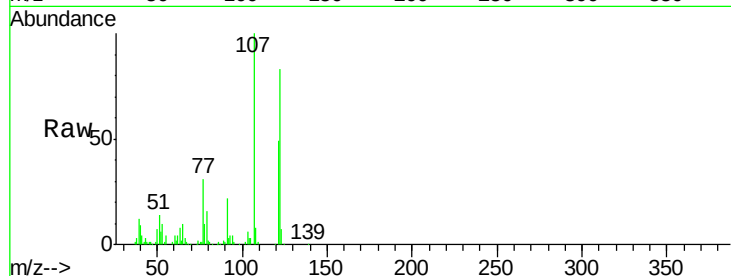




#27
2,4-Dimethylphenol
Concen: 39.700 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.03 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

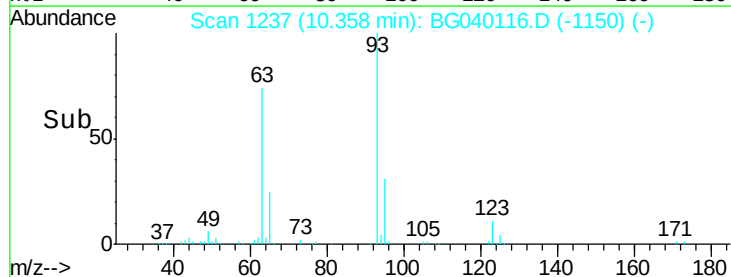
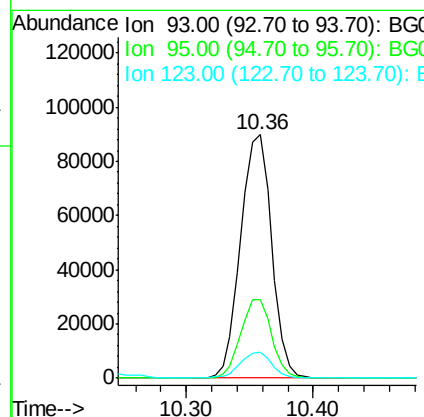
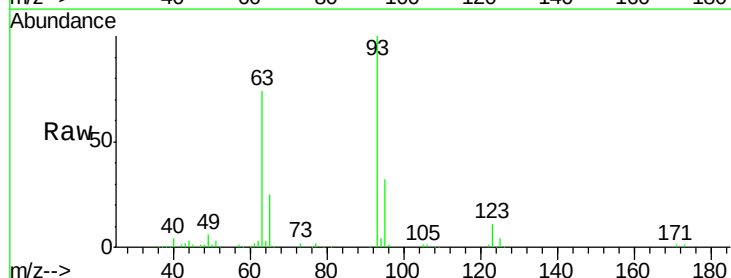
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

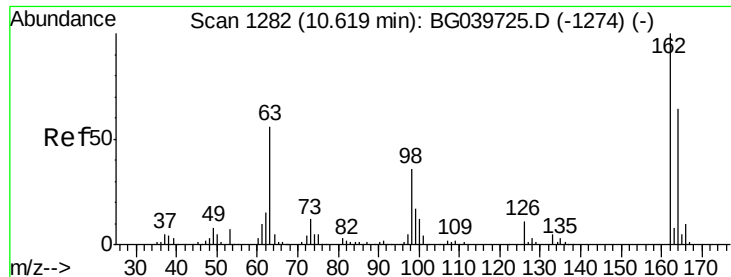
Tgt Ion: 122 Resp: 97313
Ion Ratio Lower Upper
122 100
107 120.8 91.7 137.5
121 58.8 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.434 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

Tgt Ion: 93 Resp: 152282
Ion Ratio Lower Upper
93 100
95 32.1 25.0 37.4
123 10.5 8.6 12.8

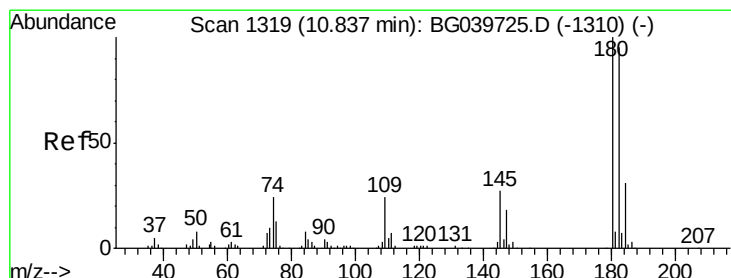
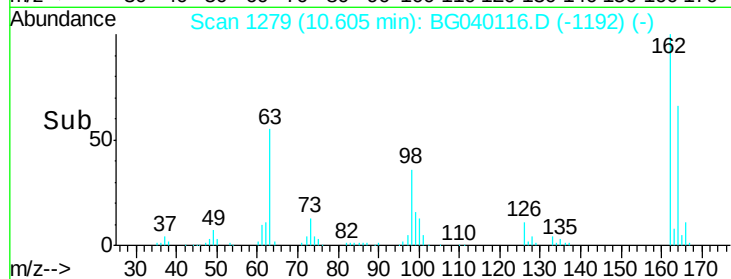
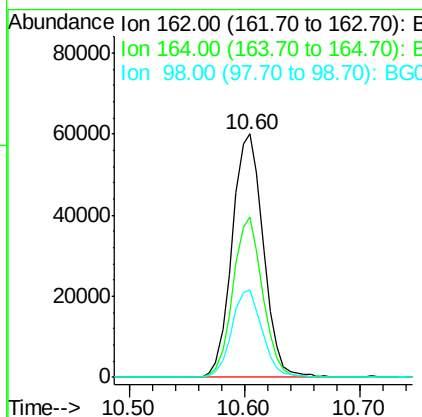
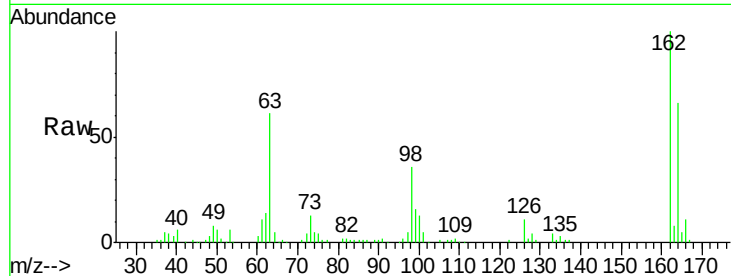




#29
 2,4-Dichlorophenol
 Concen: 40.724 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

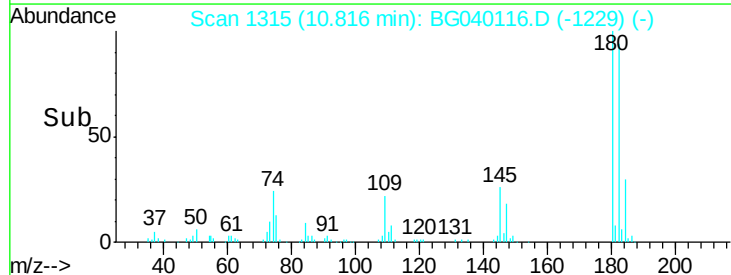
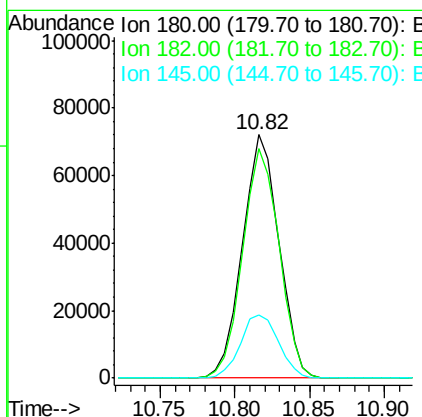
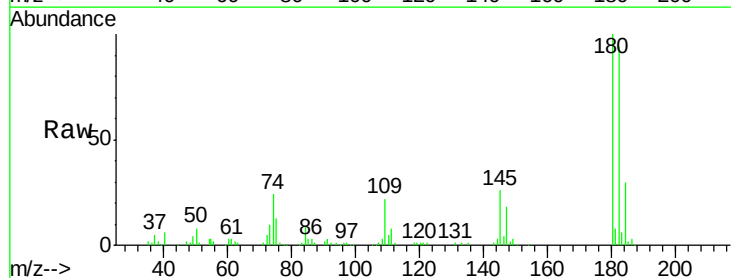
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

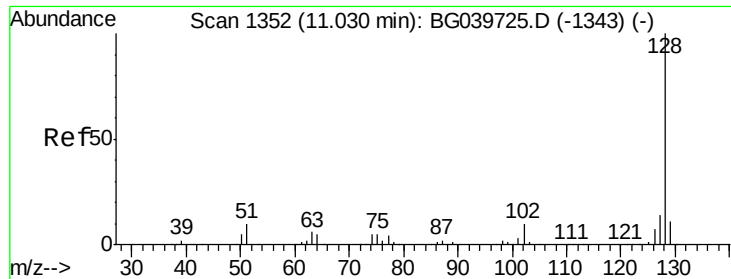
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	112390		
164	65.8	48.1	88.1	
98	35.9	18.1	58.1	



#30
 1,2,4-Trichlorobenzene
 Concen: 39.272 ng
 RT: 10.82 min Scan# 1315
 Delta R.T. -0.03 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	121959		
182	94.4	76.0	114.0	
145	26.1	22.7	34.1	

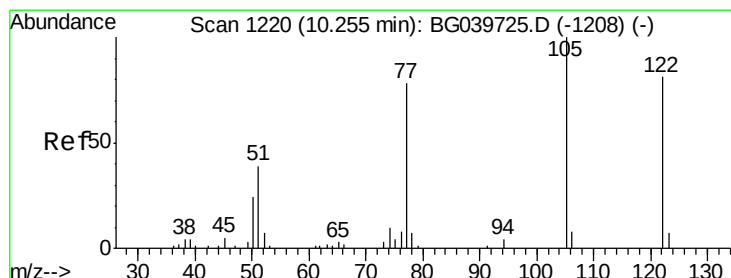
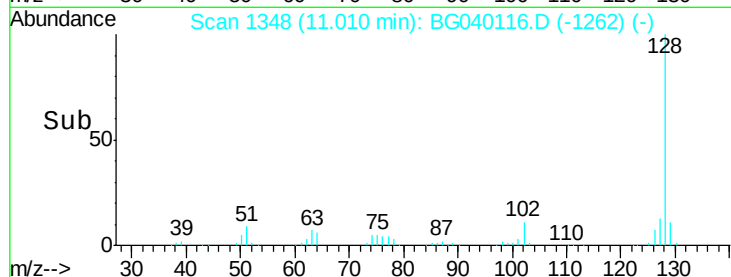
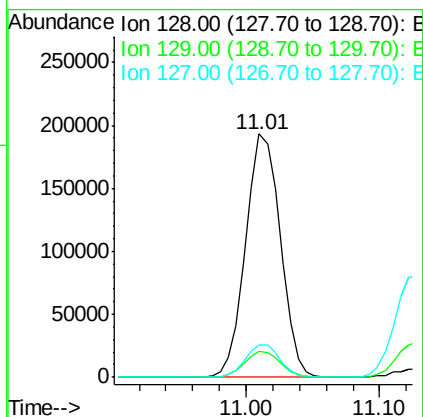
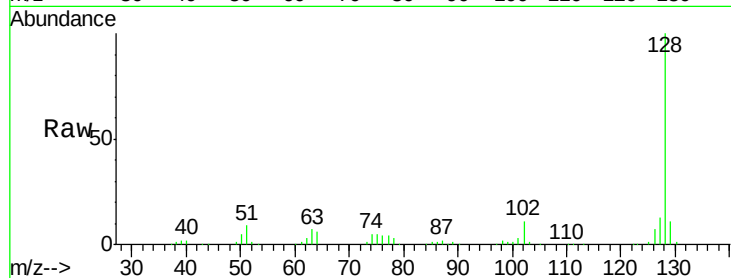




#31
Naphthalene
Concen: 39.053 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

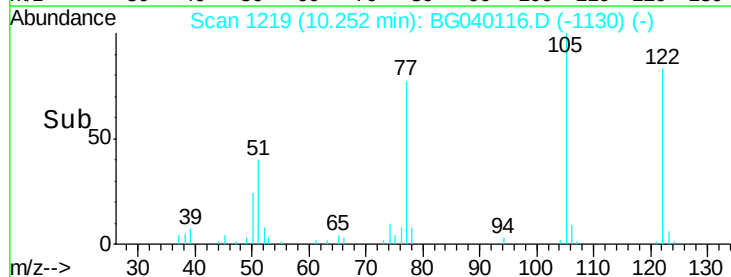
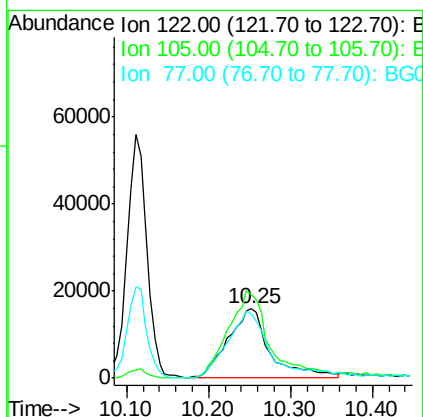
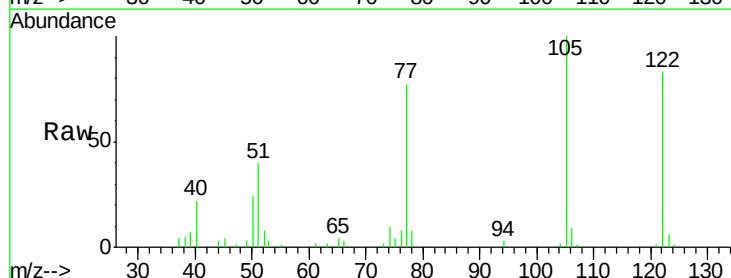
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

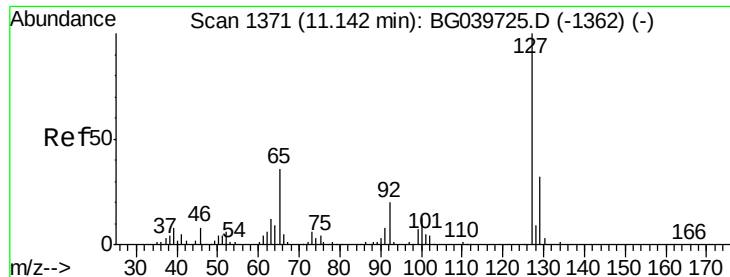
Tgt Ion:128 Resp: 347968
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 34.712 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

Tgt Ion:122 Resp: 54857
Ion Ratio Lower Upper
122 100
105 120.2 101.8 141.8
77 92.5 76.3 116.3

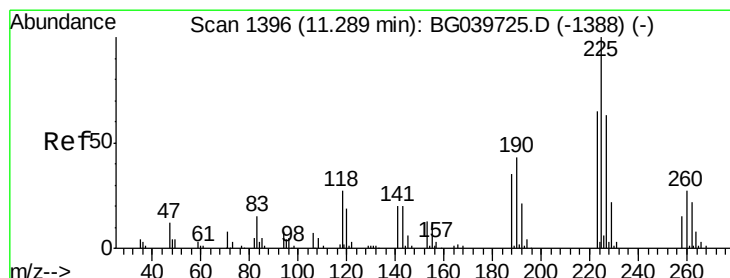
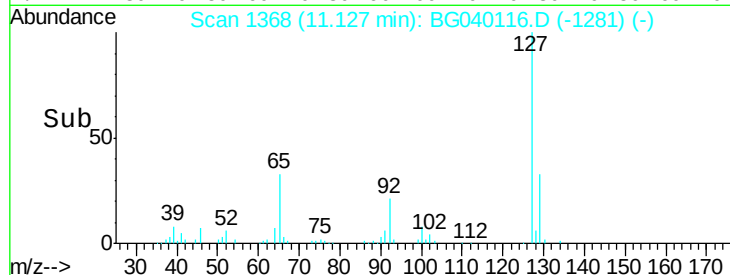
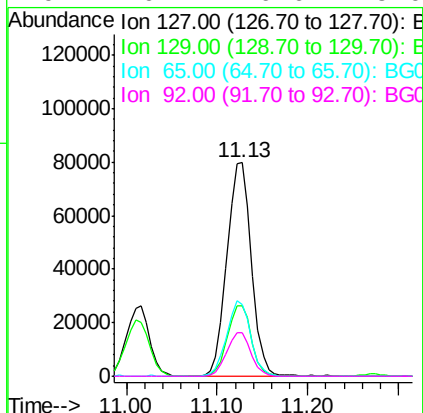
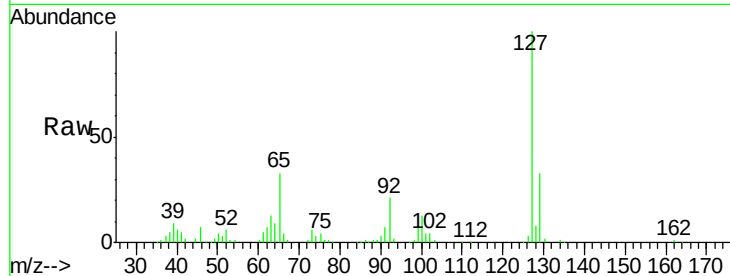




#33
4-Chloroaniline
Concen: 39.788 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

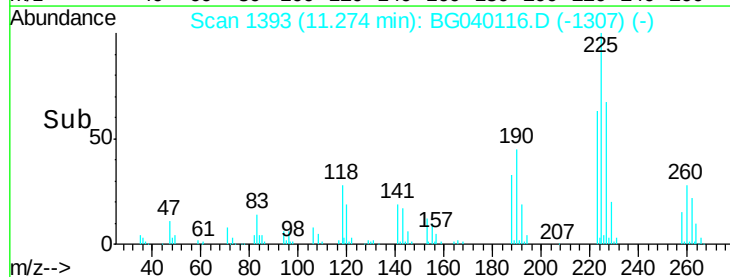
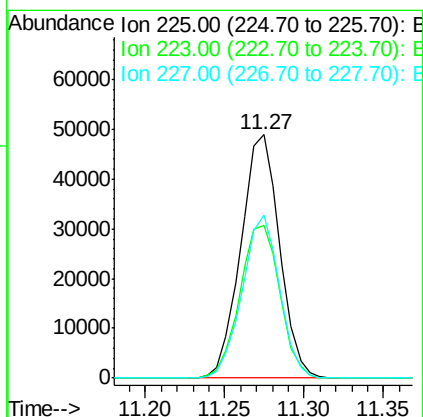
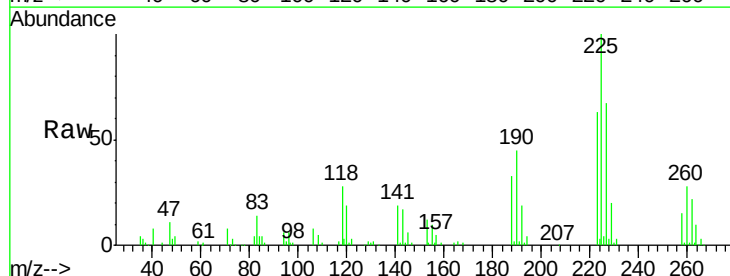
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

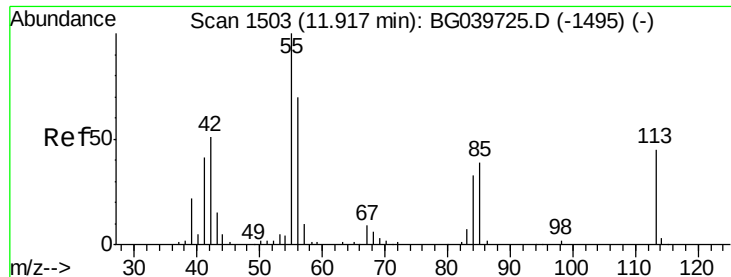
Tgt Ion:	127	Resp:	150332
Ion	Ratio	Lower	Upper
127	100		
129	33.1	27.0	40.4
65	33.3	28.8	43.2
92	20.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 38.931 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

Tgt Ion:	225	Resp:	82616
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.0	73.6
227	67.1	46.3	69.5

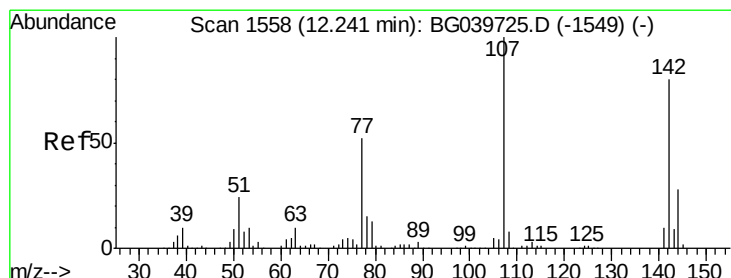
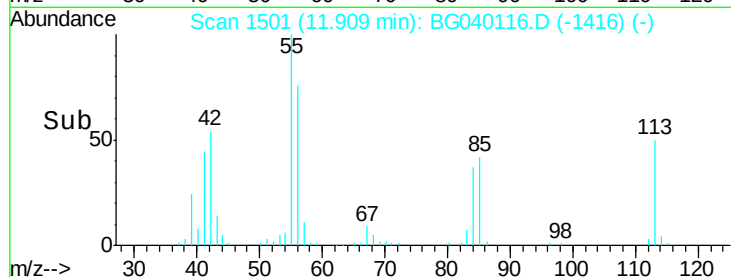
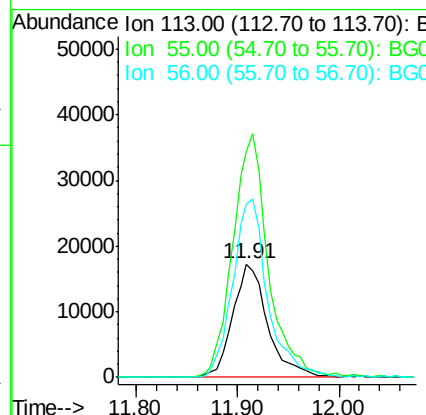
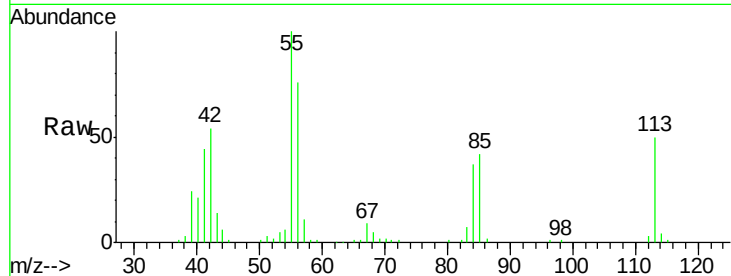




#35
 Caprolactam
 Concen: 39.037 ng
 RT: 11.91 min Scan# 1501
 Delta R.T. -0.03 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

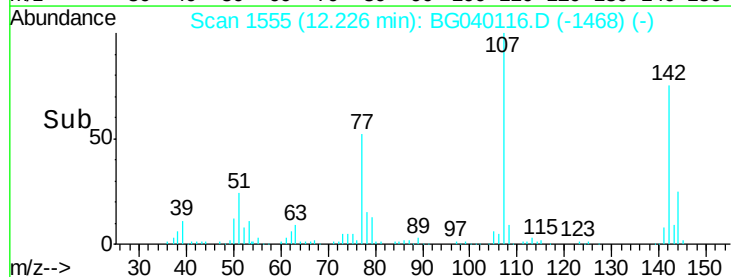
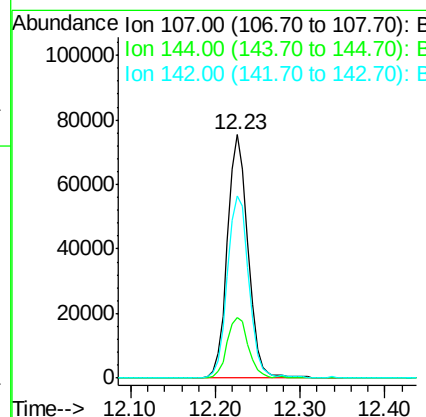
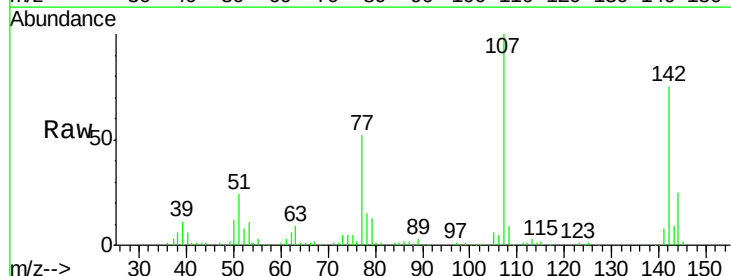
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

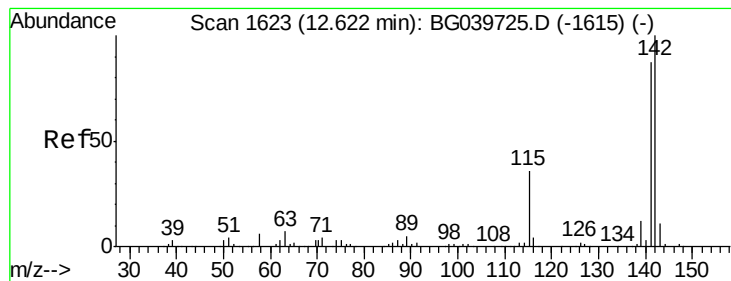
Tgt Ion:113 Resp: 41154
 Ion Ratio Lower Upper
 113 100
 55 199.0 216.9 256.9#
 56 152.2 152.6 192.6#



#36
 4-Chloro-3-methylphenol
 Concen: 40.396 ng
 RT: 12.23 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

Tgt Ion:107 Resp: 127799
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 74.7 61.4 92.2





#37

2-Methylnaphthalene

Concen: 38.769 ng

RT: 12.61 min Scan# 1620

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

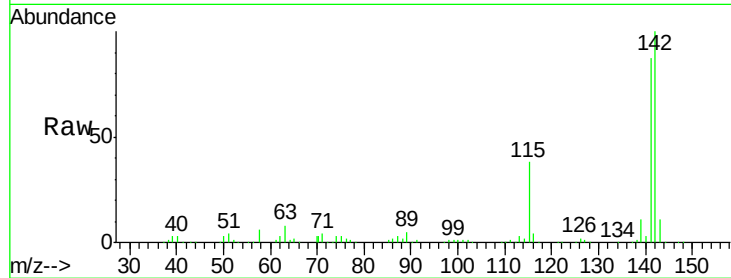
Tgt Ion:142 Resp: 258262

Ion Ratio Lower Upper

142 100

141 86.9 73.5 110.3

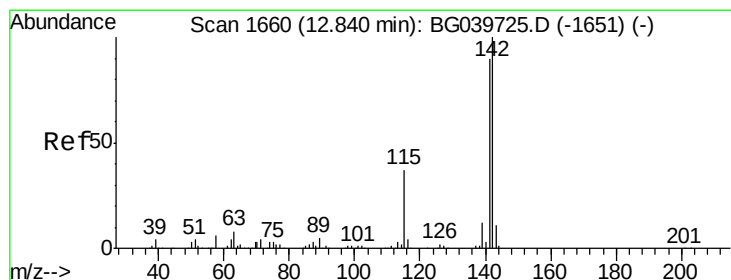
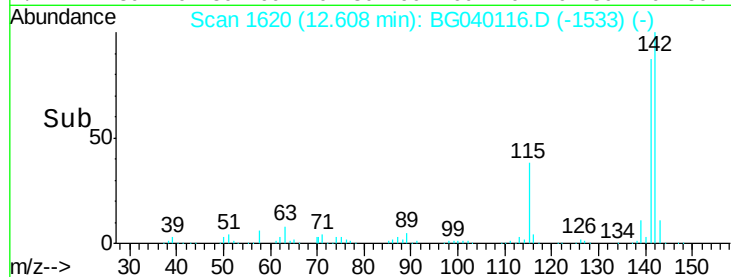
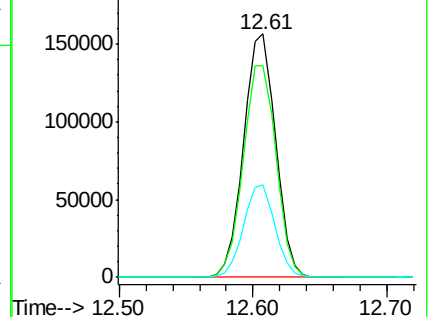
115 37.9 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.075 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

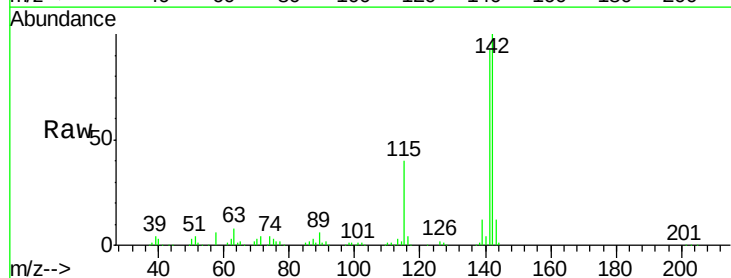
Tgt Ion:142 Resp: 252963

Ion Ratio Lower Upper

142 100

141 93.0 74.2 111.4

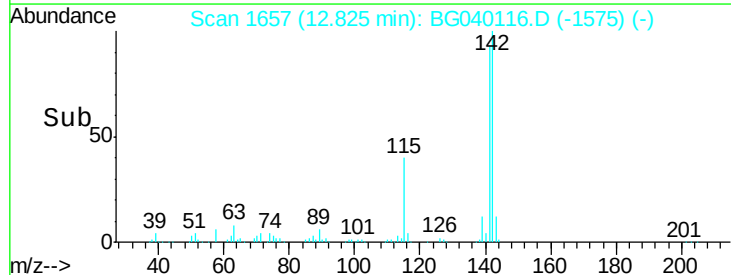
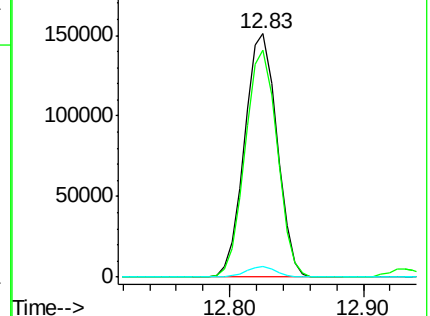
116 4.1 3.0 4.6

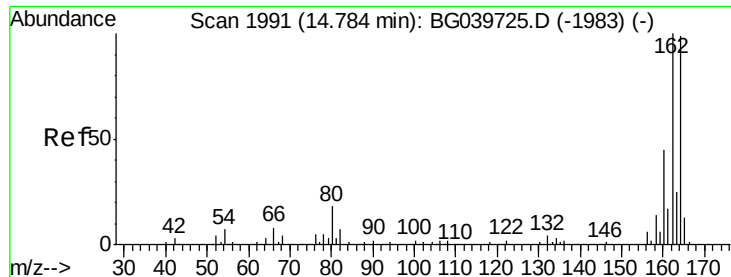


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

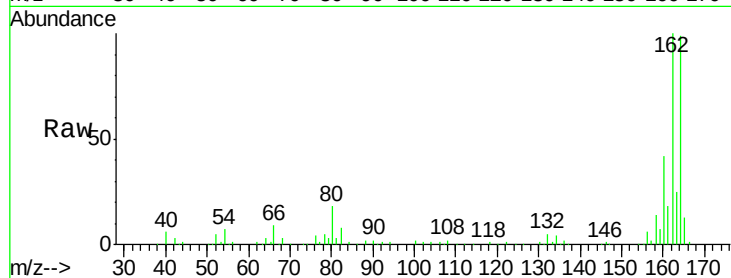
Tgt Ion:164 Resp: 112716

Ion Ratio Lower Upper

164 100

162 100.7 81.6 122.4

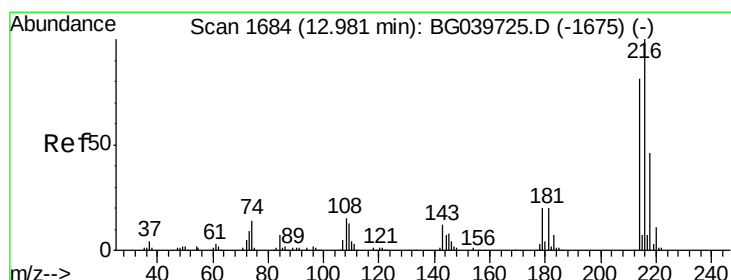
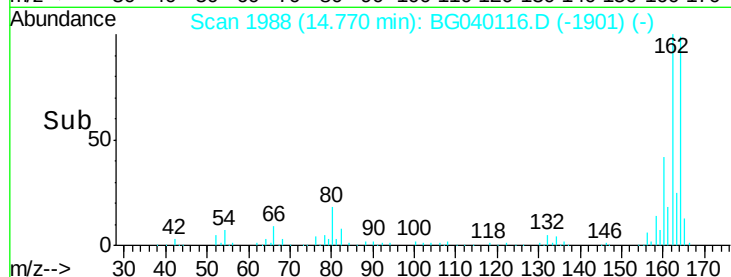
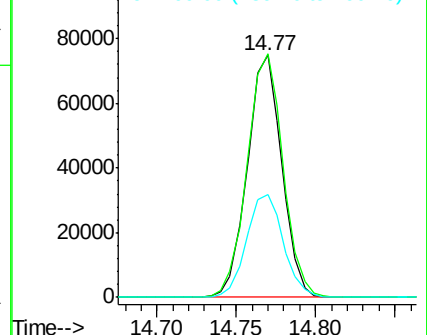
160 42.4 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.389 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Tgt Ion:216 Resp: 150407

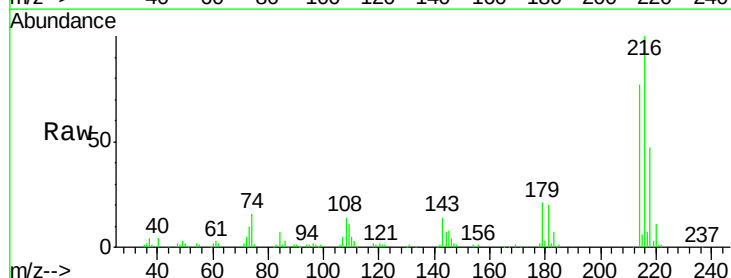
Ion Ratio Lower Upper

216 100

214 78.7 62.6 94.0

179 21.3 16.6 25.0

108 15.6 14.0 21.0

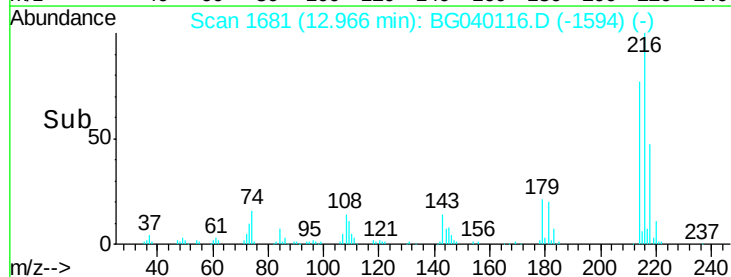
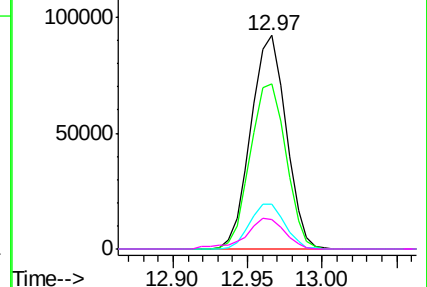


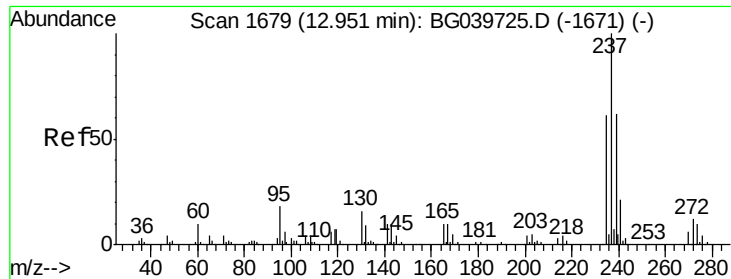
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.663 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.03 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

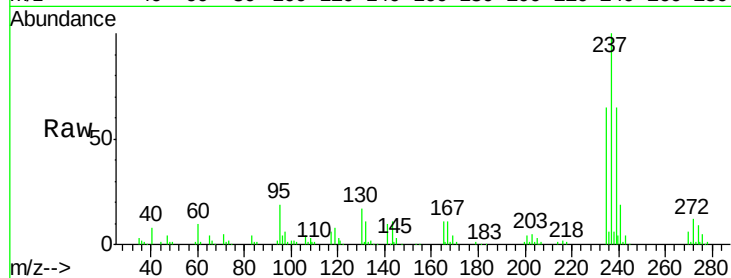
Tgt Ion: 237 Resp: 77073

Ion Ratio Lower Upper

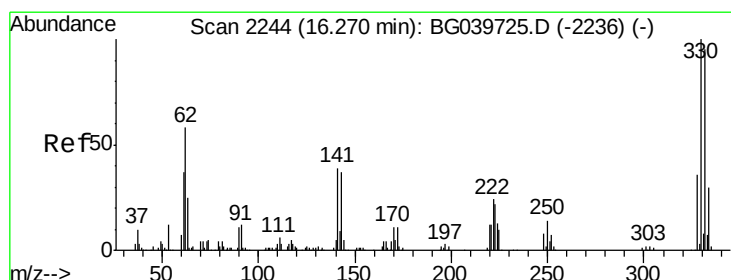
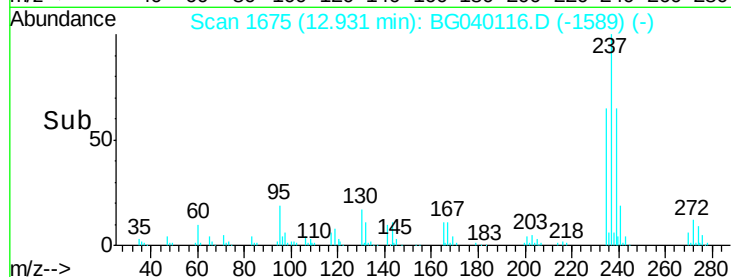
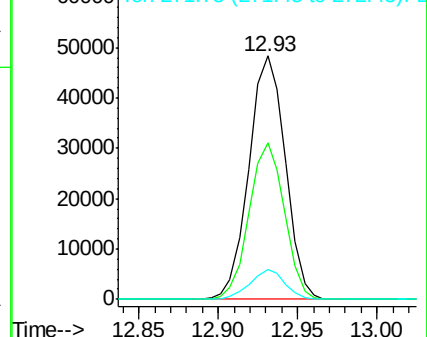
237 100

235 64.5 43.3 83.3

272 12.1 0.0 32.3



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



#42

2,4,6-Tribromophenol

Concen: 84.559 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

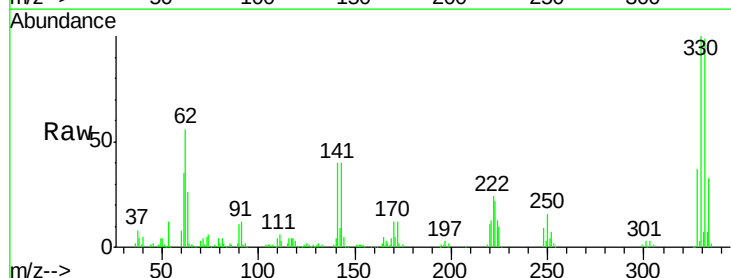
Tgt Ion: 330 Resp: 111093

Ion Ratio Lower Upper

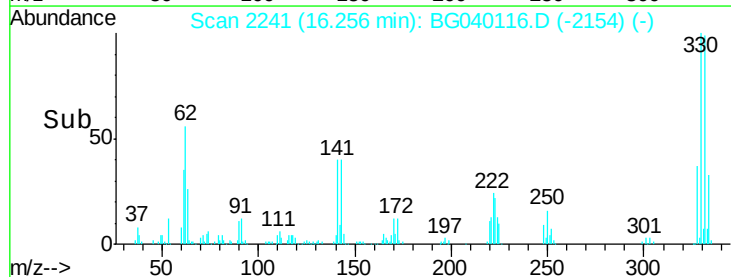
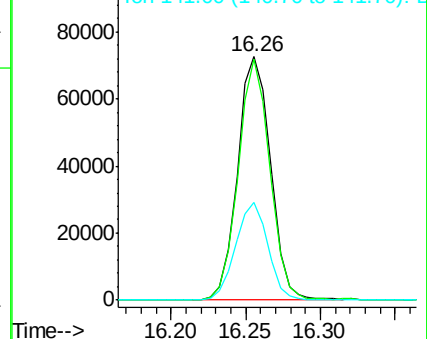
330 100

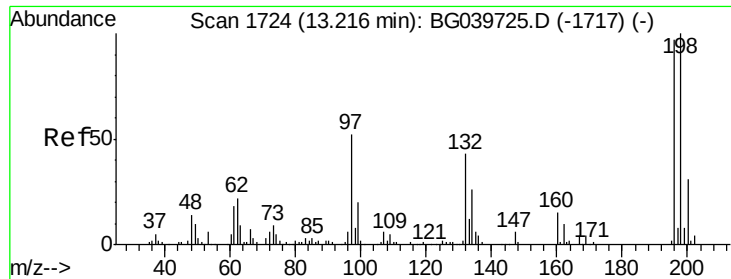
332 95.8 75.7 113.5

141 39.6 35.6 53.4



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

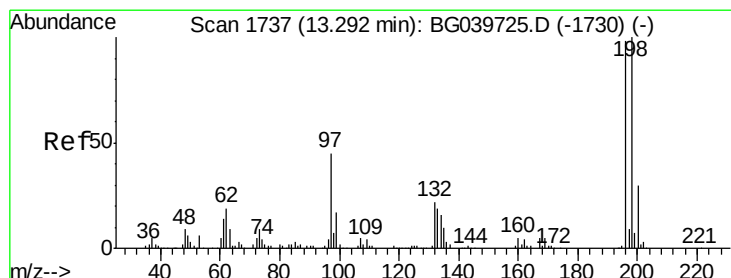
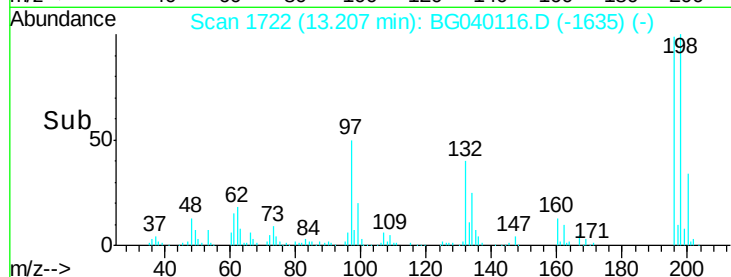
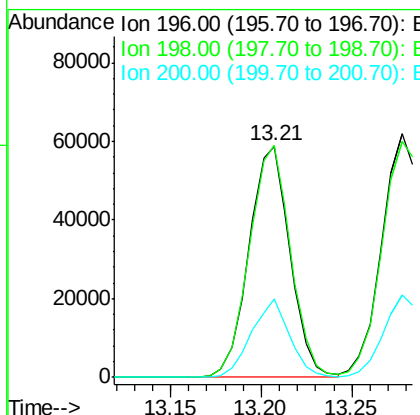
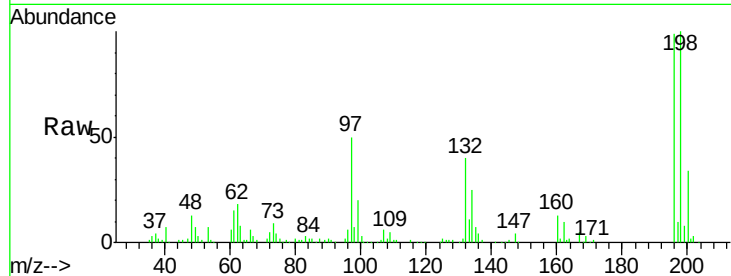




#43
 2,4,6-Trichlorophenol
 Concen: 41.466 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

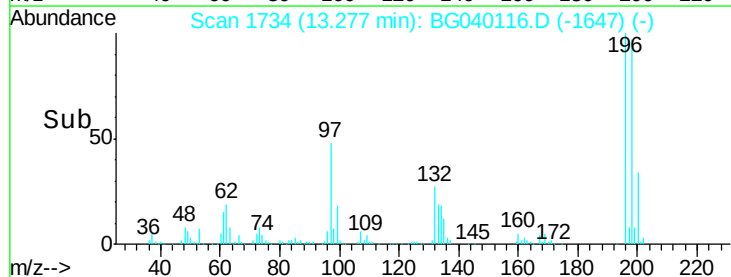
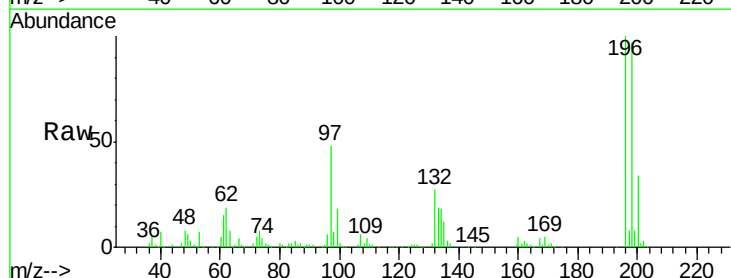
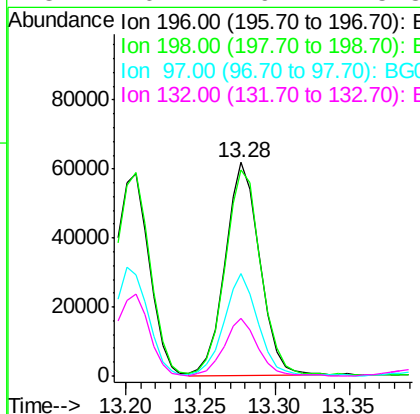
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

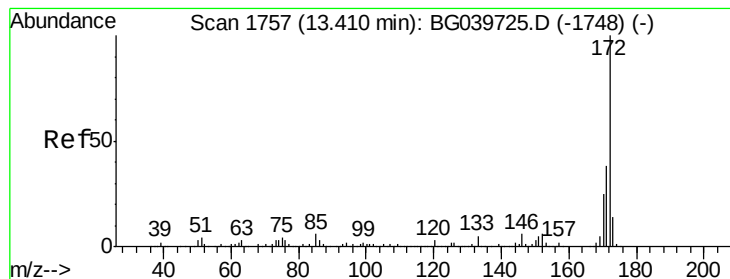
Tgt Ion:196 Resp: 92700
 Ion Ratio Lower Upper
 196 100
 198 100.6 80.6 121.0
 200 33.9 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 39.598 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.02 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

Tgt Ion:196 Resp: 99782
 Ion Ratio Lower Upper
 196 100
 198 96.7 78.5 117.7
 97 48.1 38.4 57.6
 132 26.7 19.2 28.8





#45

2-Fluorobiphenyl

Concen: 78.077 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.03 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

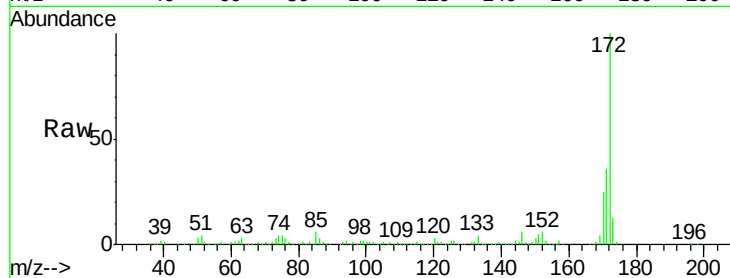
Tgt Ion:172 Resp: 618085

Ion Ratio Lower Upper

172 100

171 36.4 30.8 46.2

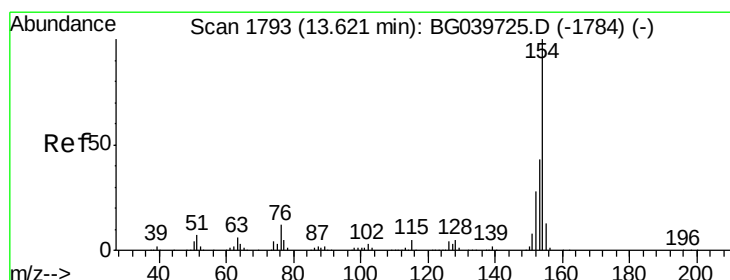
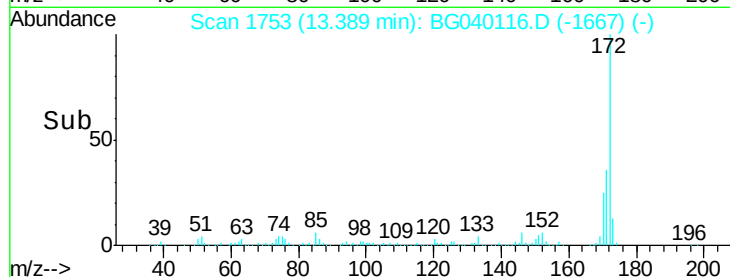
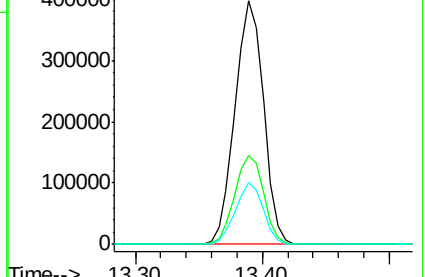
170 25.5 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.238 ng

RT: 13.60 min Scan# 1789

Delta R.T. -0.03 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

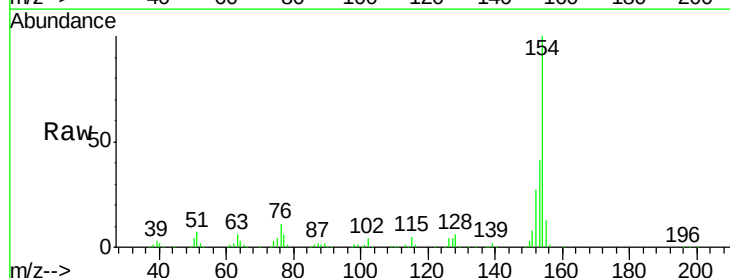
Tgt Ion:154 Resp: 363762

Ion Ratio Lower Upper

154 100

153 41.4 22.1 62.1

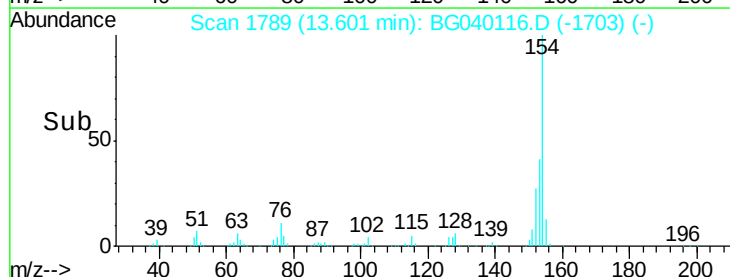
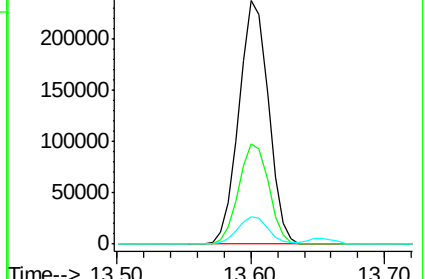
76 11.0 0.0 32.4

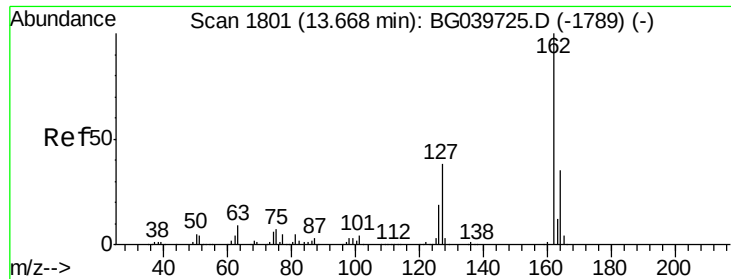


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

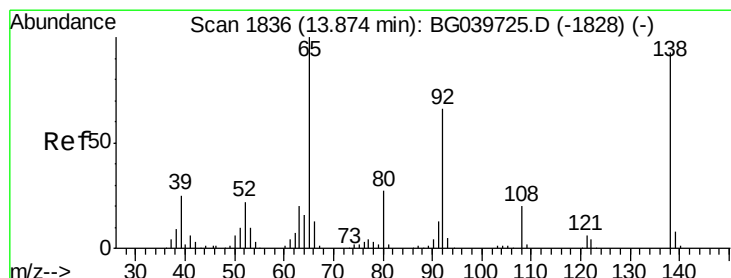
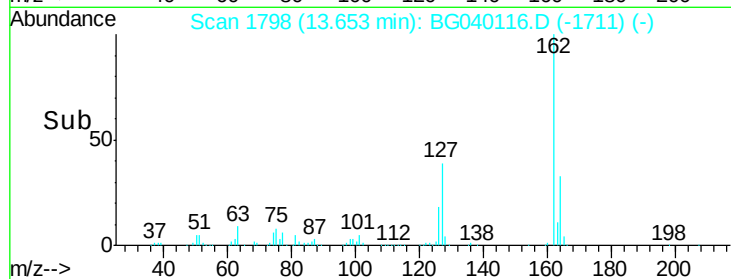
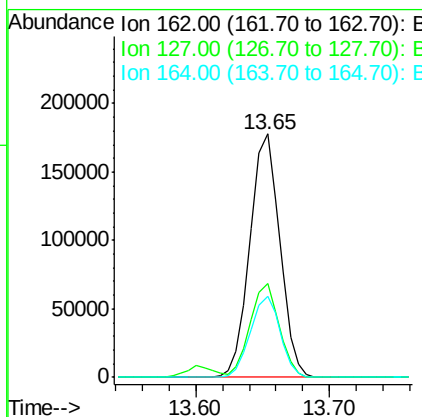
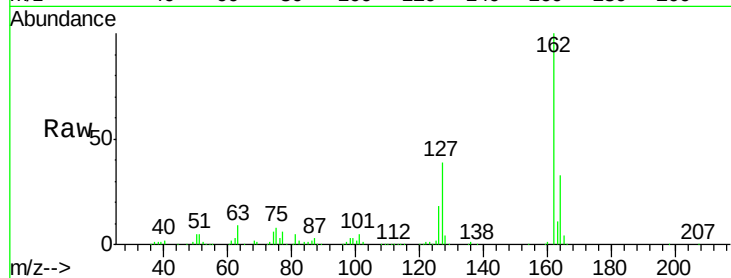




#47
 2-Chloronaphthalene
 Concen: 39.326 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

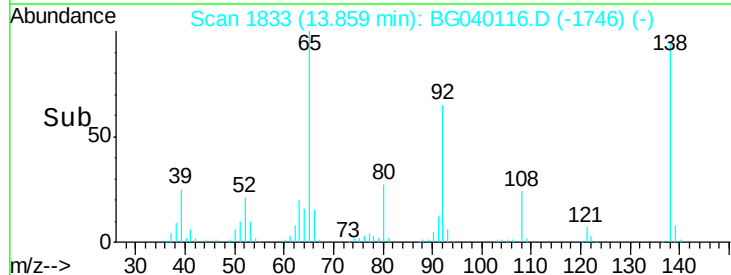
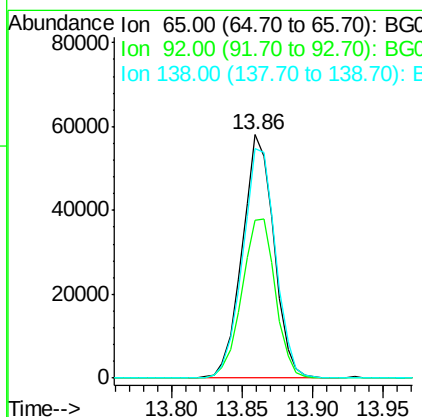
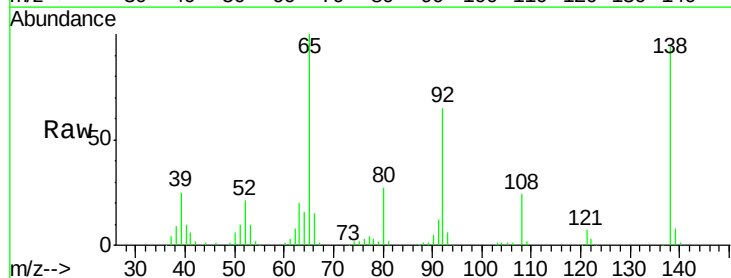
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

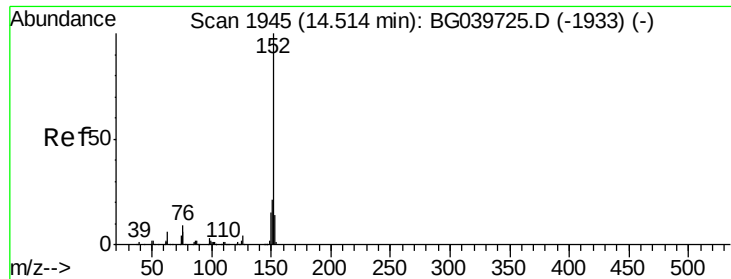
Tgt Ion: 162 Resp: 274274
 Ion Ratio Lower Upper
 162 100
 127 38.8 31.0 46.6
 164 33.0 25.7 38.5



#48
 2-Nitroaniline
 Concen: 40.781 ng
 RT: 13.86 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

Tgt Ion: 65 Resp: 91404
 Ion Ratio Lower Upper
 65 100
 92 64.9 51.4 77.2
 138 94.3 71.4 107.2





#49

Acenaphthylene

Concen: 39.607 ng

RT: 14.49 min Scan# 1941

Delta R.T. -0.03 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

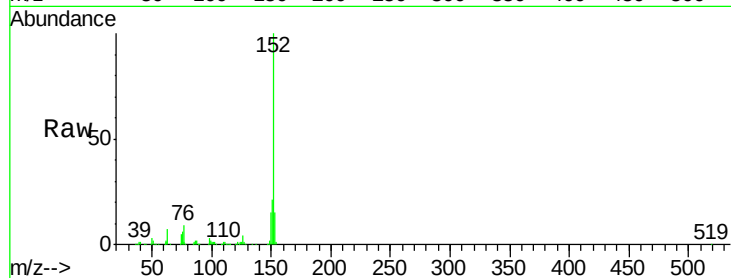
Tgt Ion:152 Resp: 453462

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

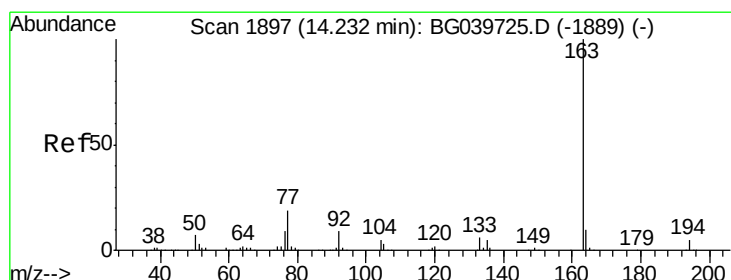
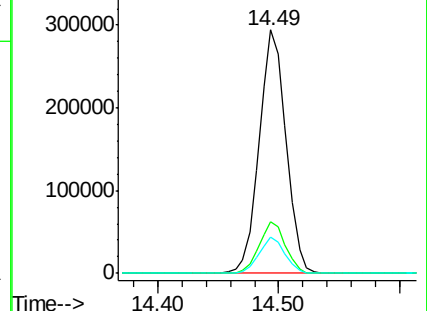
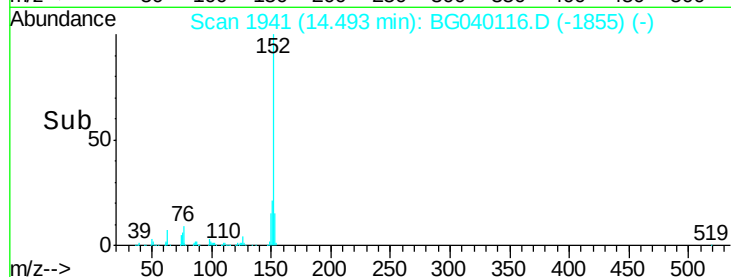
153 14.8 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.854 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

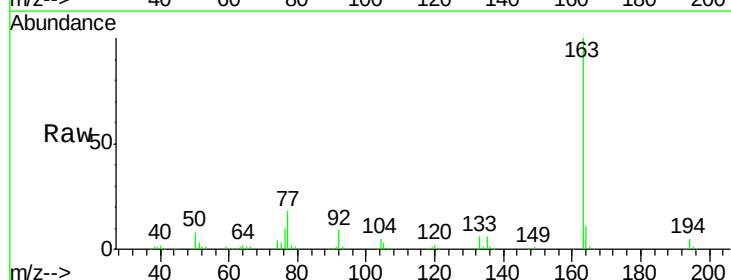
Tgt Ion:163 Resp: 366204

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

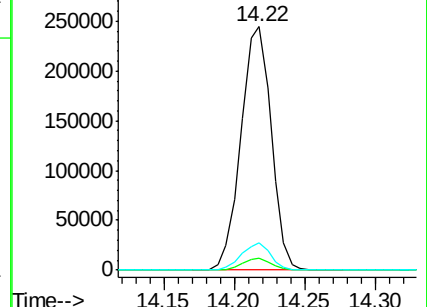
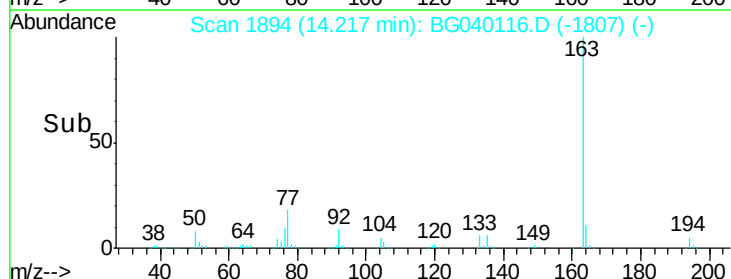
164 11.1 8.4 12.6

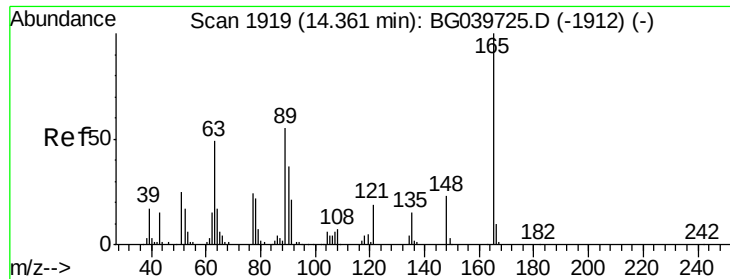


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

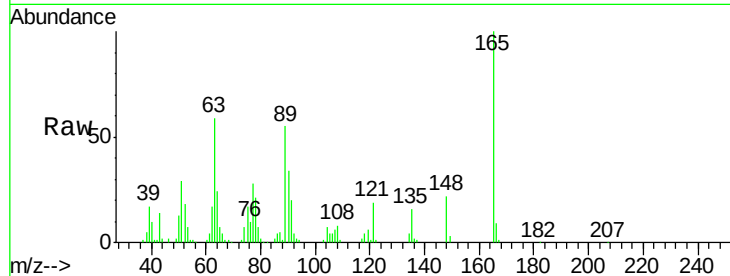




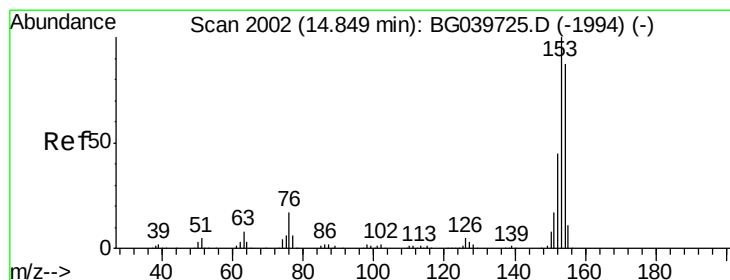
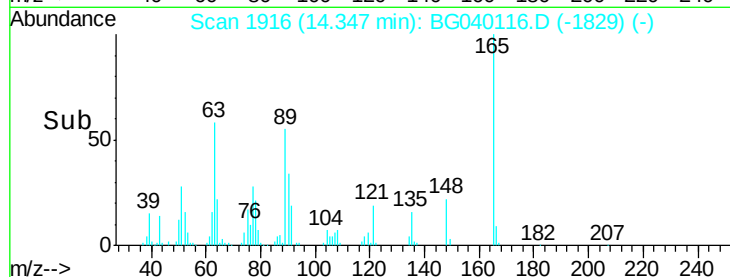
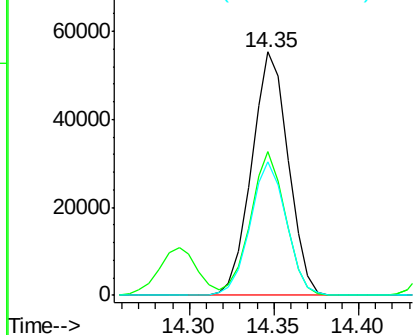
#51
 2,6-Dinitrotoluene
 Concen: 41.587 ng
 RT: 14.35 min Scan# 1916
 Delta R.T. -0.02 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:165 Resp: 83094
 Ion Ratio Lower Upper
 165 100
 63 59.3 47.0 70.6
 89 54.7 45.8 68.8

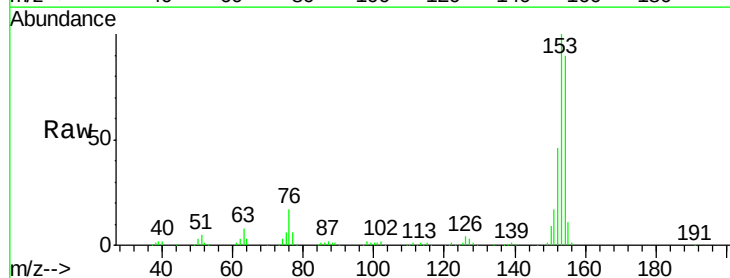


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

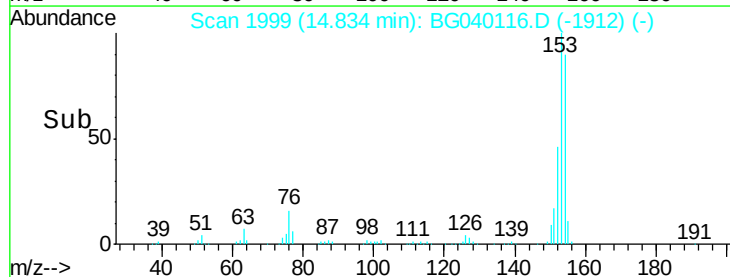
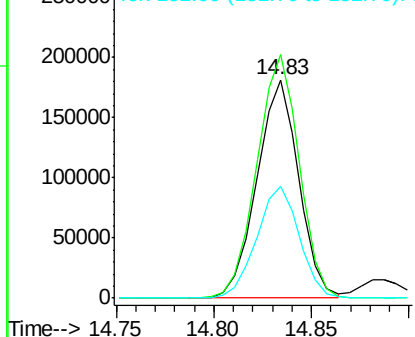


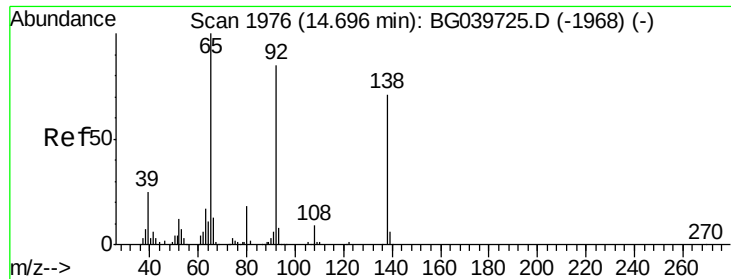
#52
 Acenaphthene
 Concen: 38.874 ng
 RT: 14.83 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

Tgt Ion:154 Resp: 267877
 Ion Ratio Lower Upper
 154 100
 153 111.7 90.1 135.1
 152 51.1 40.9 61.3



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





#53

3-Nitroaniline

Concen: 40.605 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

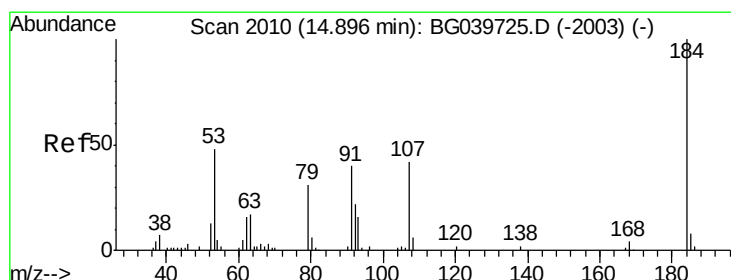
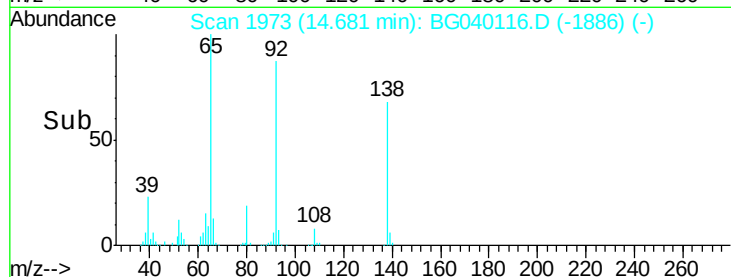
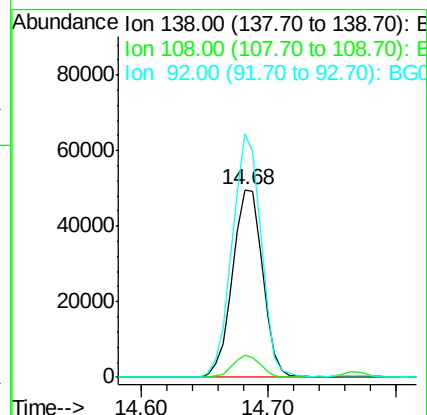
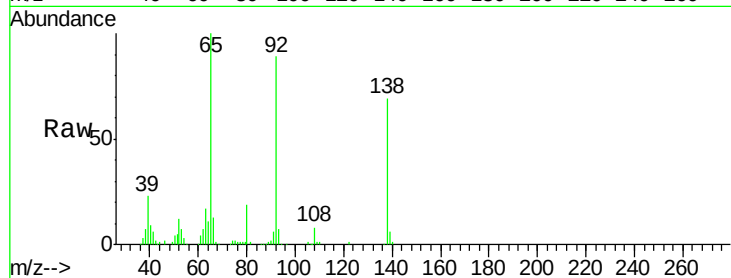
Tgt Ion:138 Resp: 81556

Ion Ratio Lower Upper

138 100

108 11.5 13.8 20.8#

92 129.6 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 34.304 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

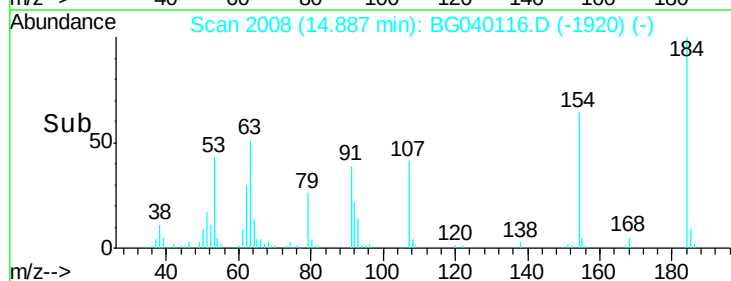
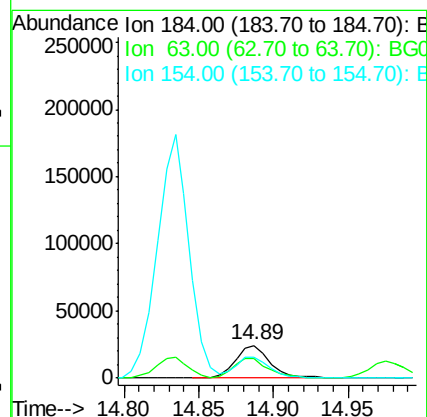
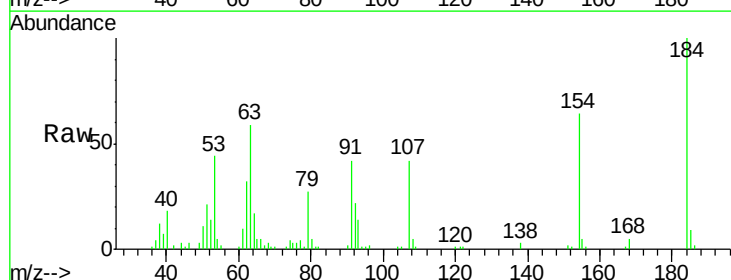
Tgt Ion:184 Resp: 39176

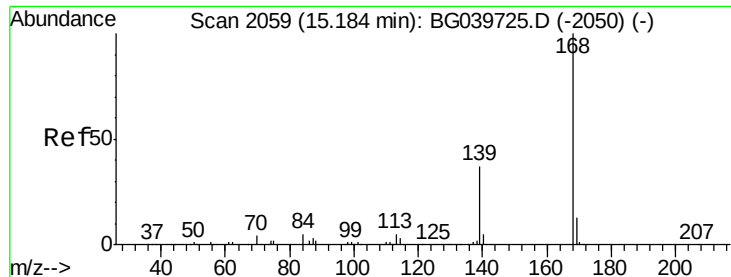
Ion Ratio Lower Upper

184 100

63 59.3 50.9 76.3

154 63.6 53.0 79.6





#55

Dibenzenofuran

Concen: 39.310 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

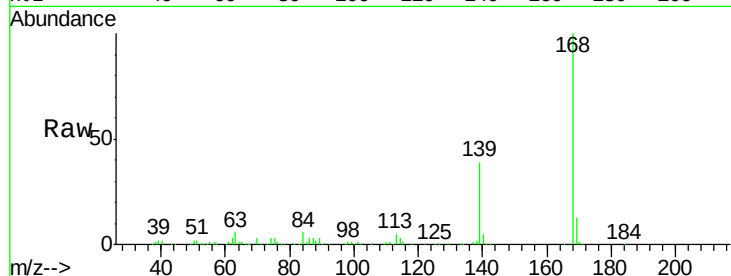
Tgt Ion:168 Resp: 444434

Ion Ratio Lower Upper

168 100

139 39.4 30.1 45.1

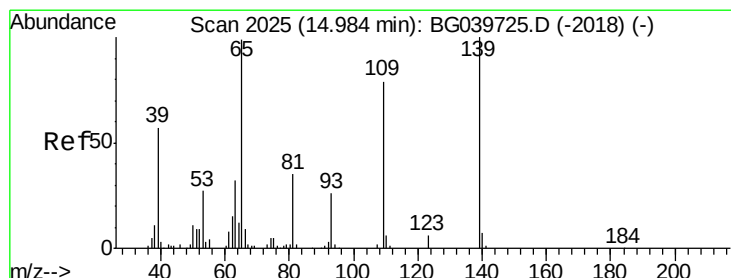
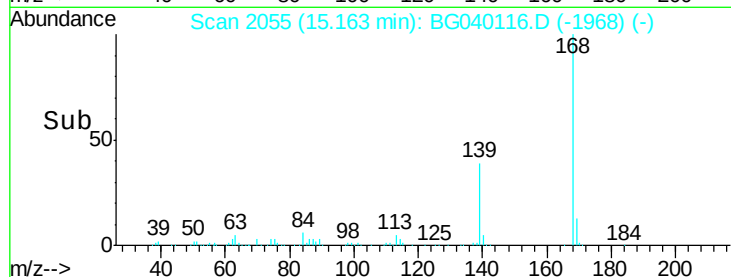
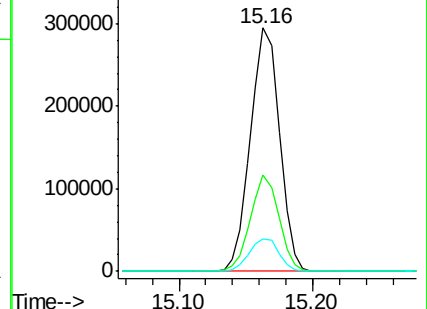
169 13.4 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 37.251 ng

RT: 14.98 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

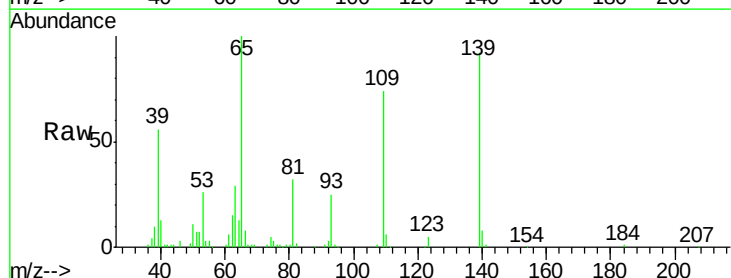
Tgt Ion:139 Resp: 66931

Ion Ratio Lower Upper

139 100

109 80.7 61.9 101.9

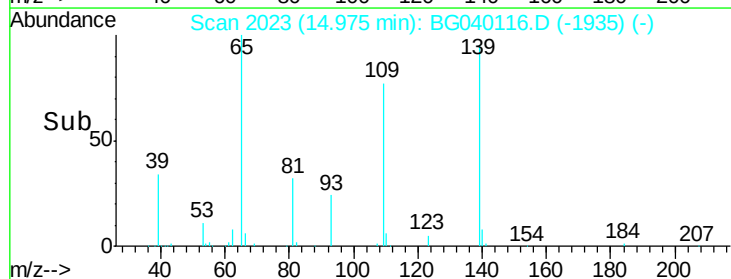
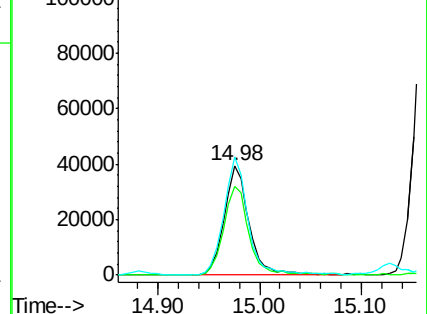
65 108.4 99.1 139.1

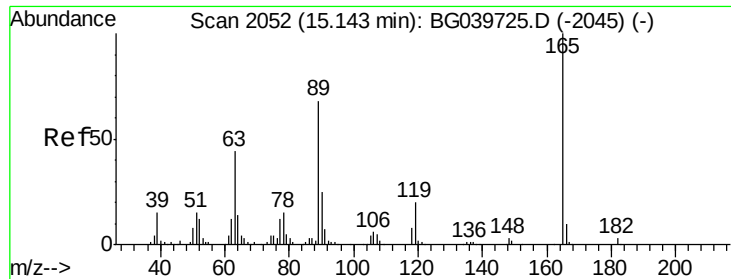


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

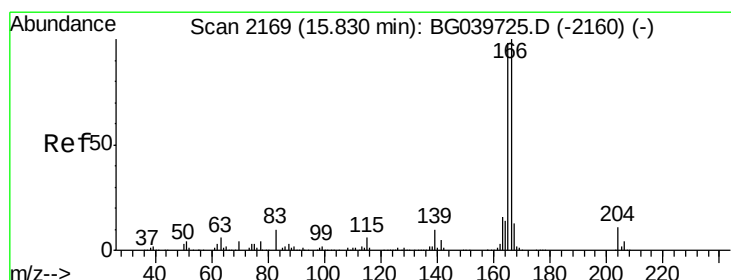
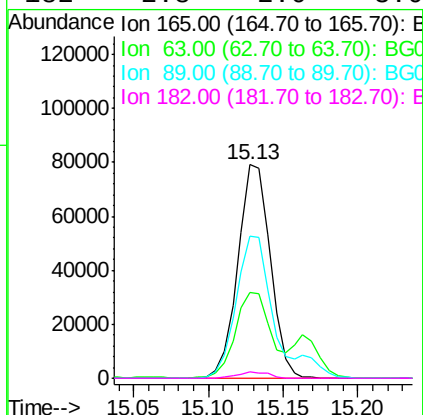
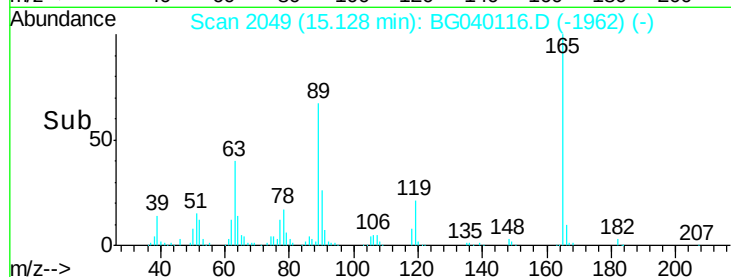
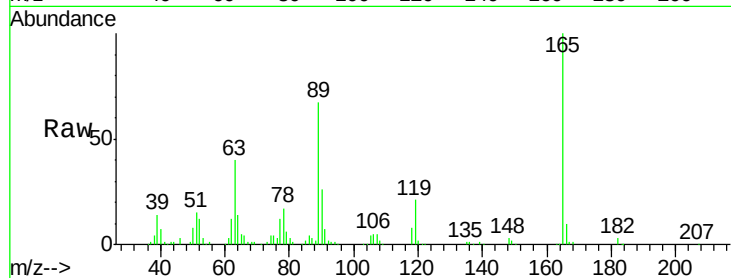




#57
2,4-Dinitrotoluene
Concen: 42.576 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

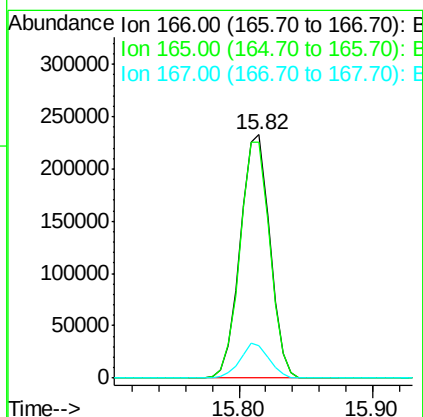
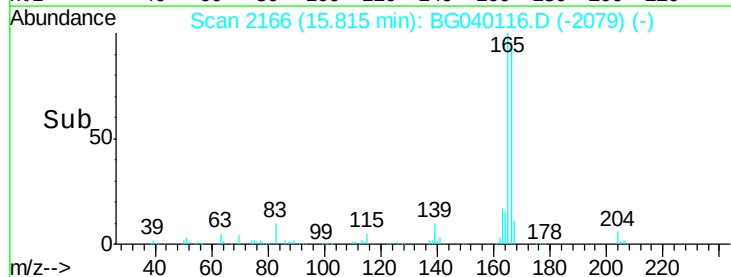
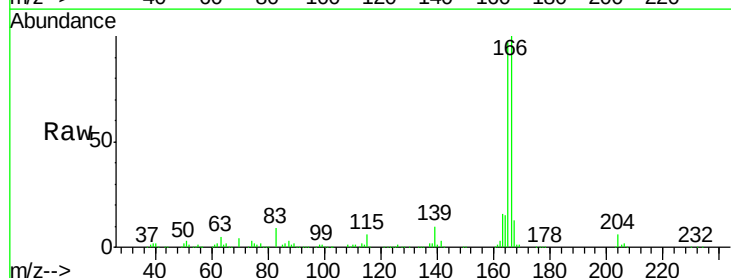
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

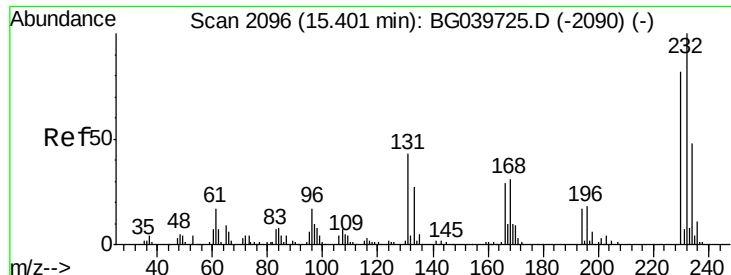
Tgt Ion:165 Resp: 119534
Ion Ratio Lower Upper
165 100
63 40.0 41.0 61.6#
89 66.5 64.6 96.8
182 2.8 2.0 3.0



#58
Fluorene
Concen: 40.004 ng
RT: 15.82 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

Tgt Ion:166 Resp: 355555
Ion Ratio Lower Upper
166 100
165 97.0 77.9 116.9
167 13.2 10.8 16.2

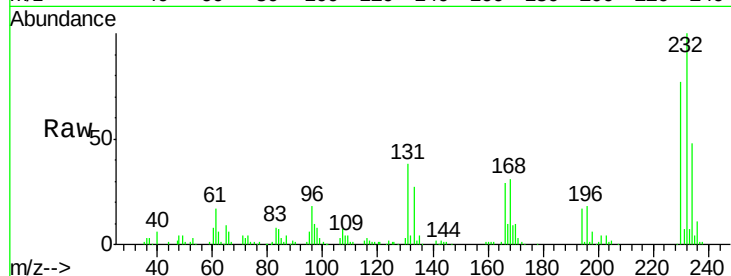




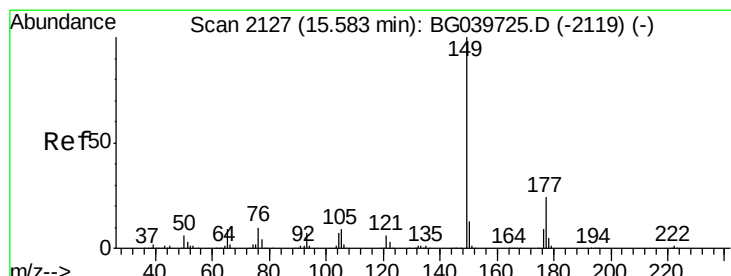
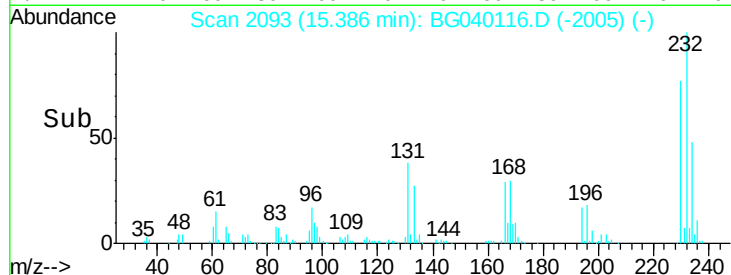
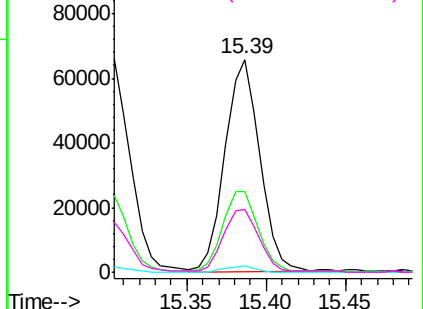
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.602 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	232	Resp:	99920
Ion	Ratio	Lower	Upper
232	100		
131	40.4	34.9	52.3
130	2.5	2.0	3.0
166	30.9	24.1	36.1

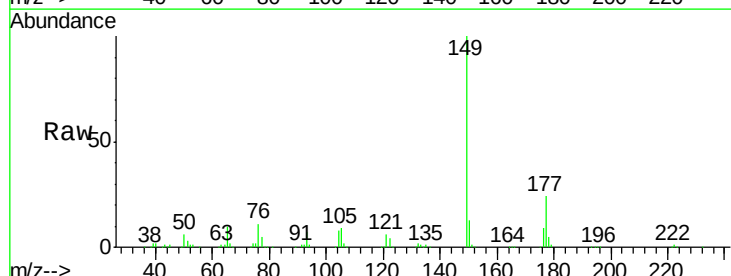


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

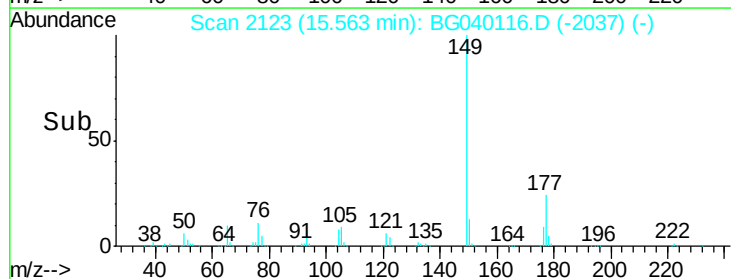
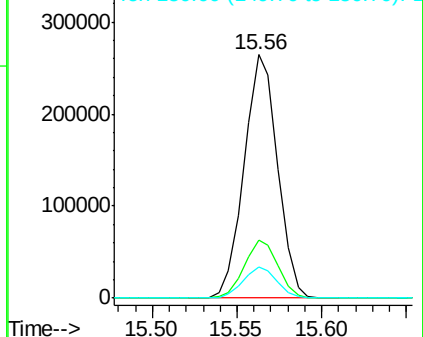


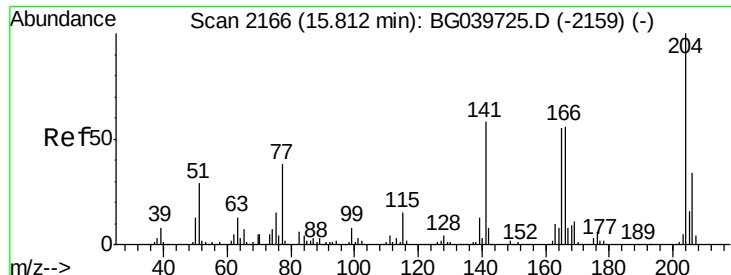
#60
 Diethylphthalate
 Concen: 38.989 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.03 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

Tgt Ion:	149	Resp:	363774
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.3	27.5
150	12.8	10.2	15.2



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

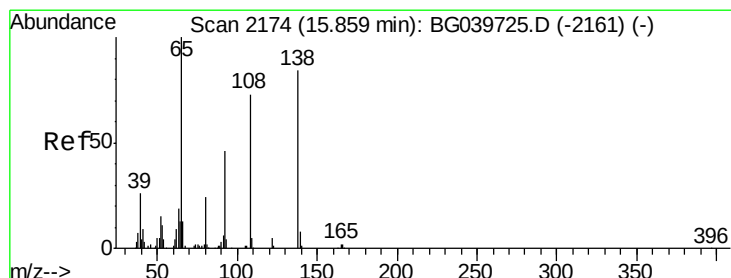
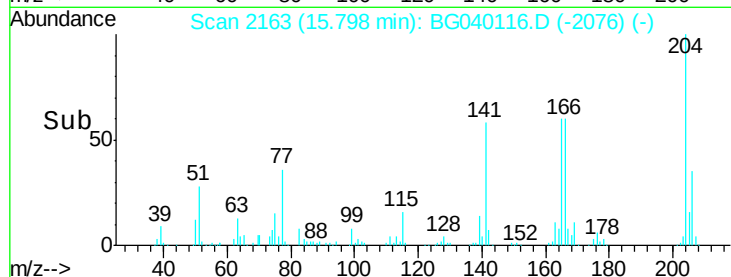
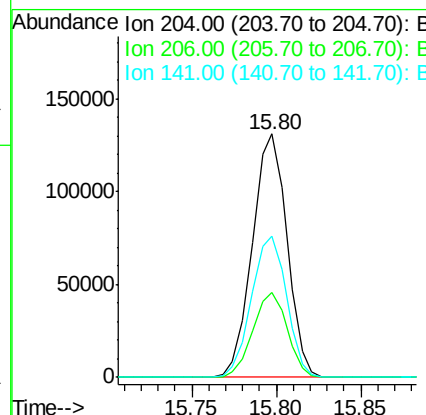
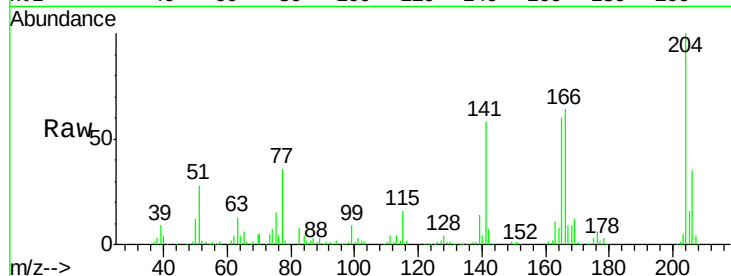




#61
 4-Chlorophenyl-phenylether
 Concen: 39.547 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.02 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

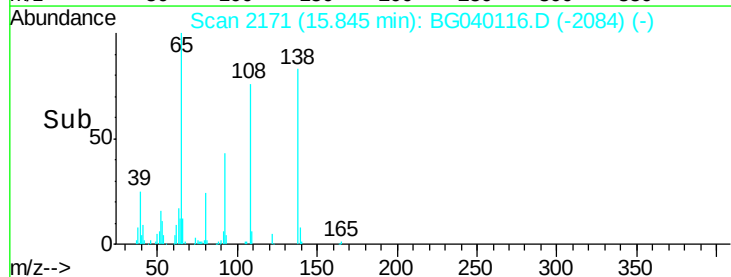
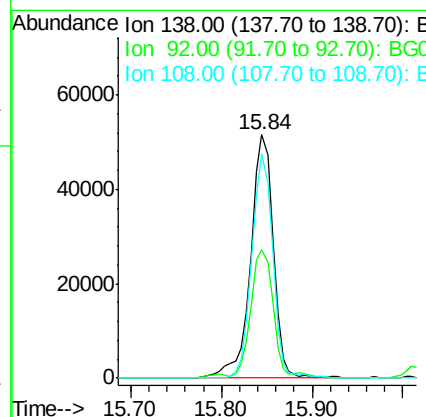
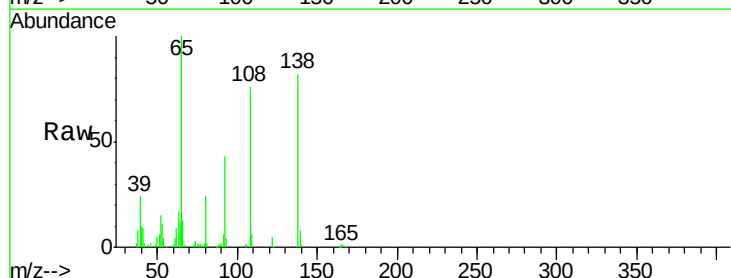
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

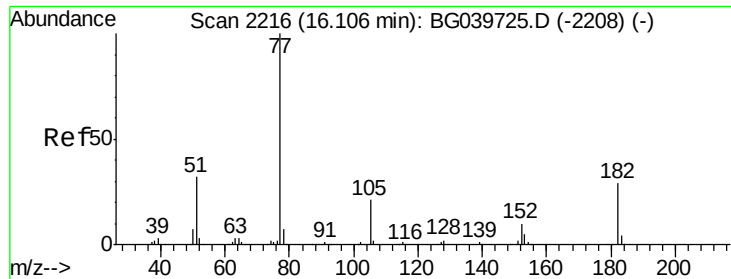
Tgt Ion: 204 Resp: 187563
 Ion Ratio Lower Upper
 204 100
 206 34.9 29.2 43.8
 141 58.2 49.0 73.4



#62
 4-Nitroaniline
 Concen: 40.927 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.02 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

Tgt Ion: 138 Resp: 89116
 Ion Ratio Lower Upper
 138 100
 92 52.5 38.7 78.7
 108 92.3 74.6 114.6





#63

Azobenzene

Concen: 39.162 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 331217

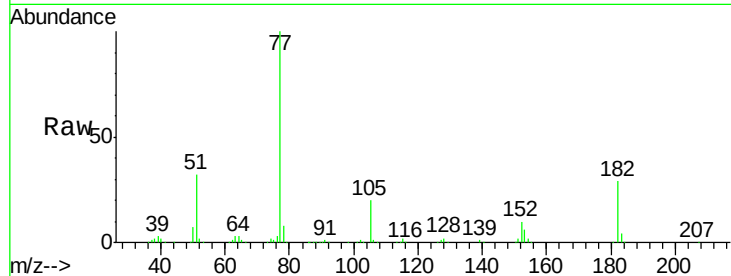
Ion Ratio Lower Upper

77 100

182 29.3 6.4 46.4

105 20.3 0.0 39.8

51 32.1 14.1 54.1

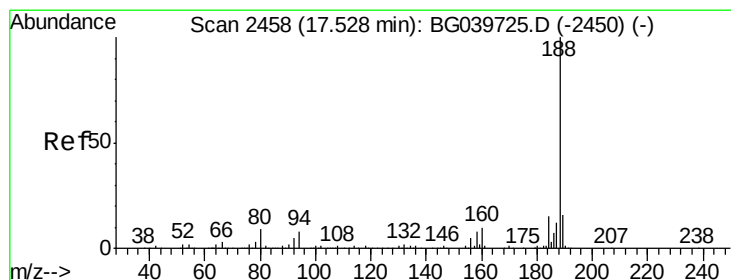
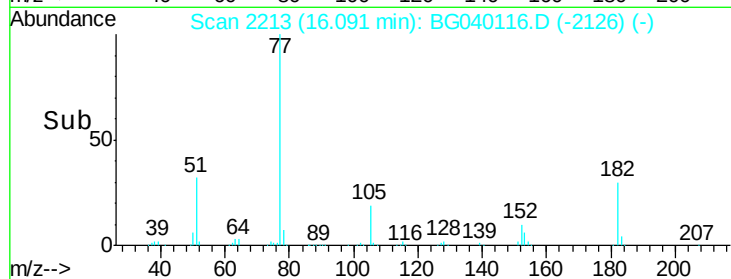
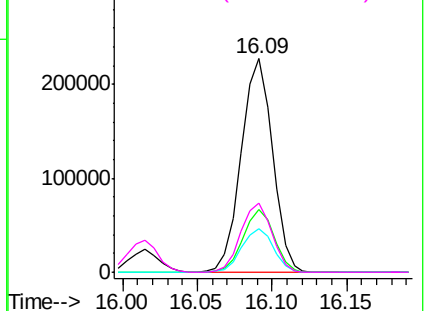


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

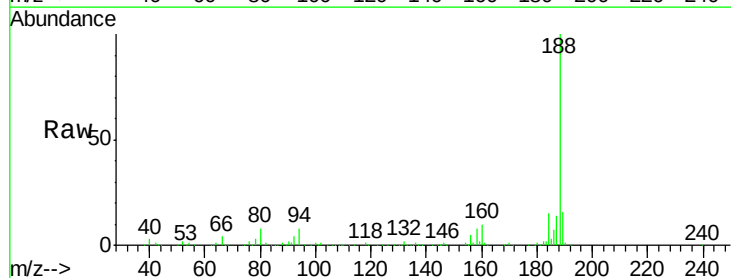
Tgt Ion: 188 Resp: 274200

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

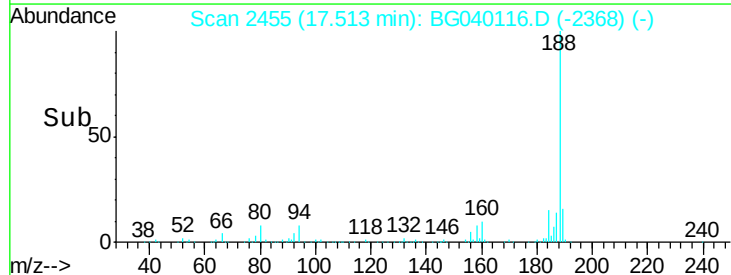
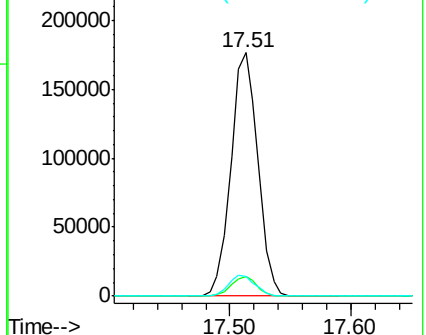
80 8.2 8.1 12.1

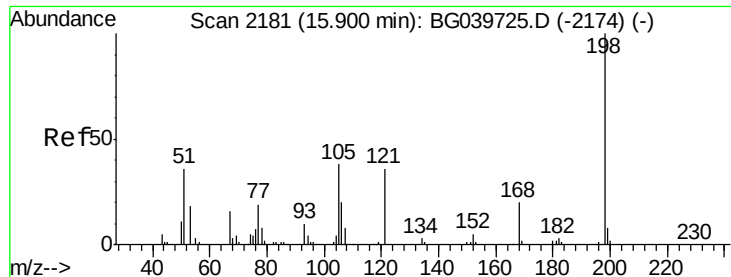


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

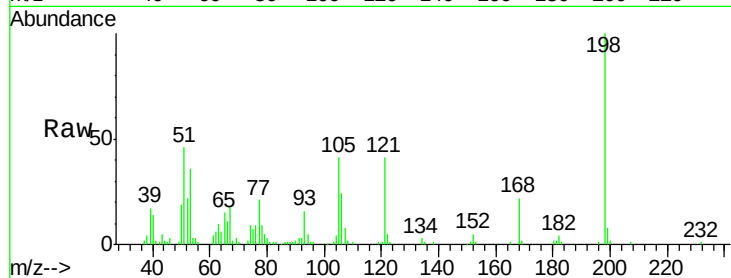




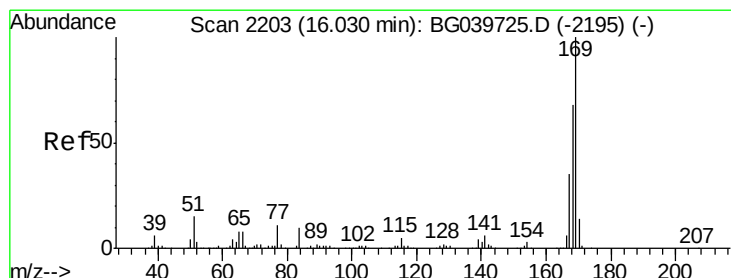
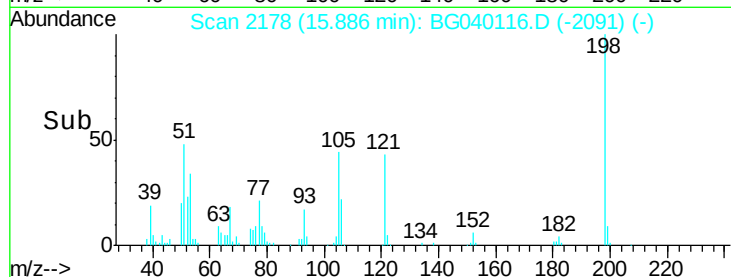
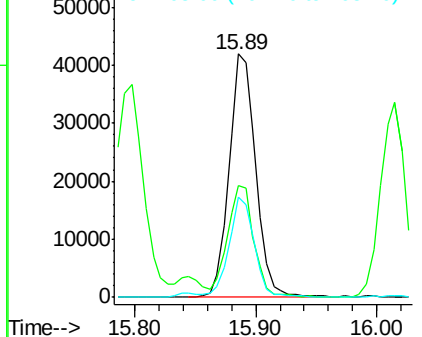
#65
4,6-Dinitro-2-methylphenol
Concen: 39.540 ng
RT: 15.89 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 64104
Ion Ratio Lower Upper
198 100
51 45.8 27.4 67.4
105 41.4 19.7 59.7

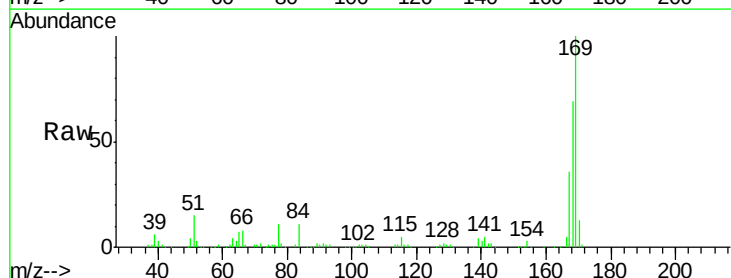


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

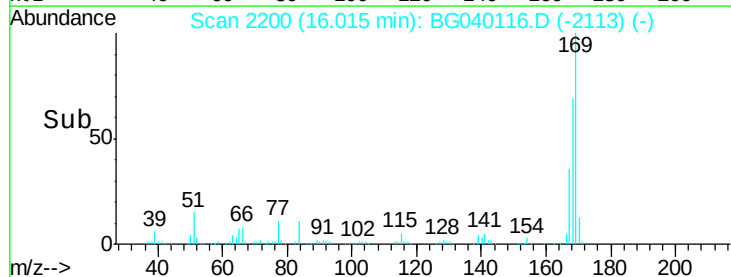
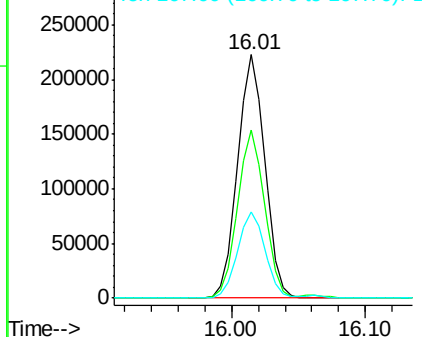


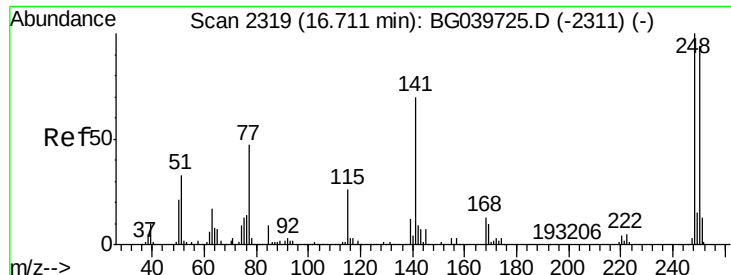
#66
n-Nitrosodiphenylamine
Concen: 39.677 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

Tgt Ion:169 Resp: 314964
Ion Ratio Lower Upper
169 100
168 69.0 56.6 85.0
167 35.6 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

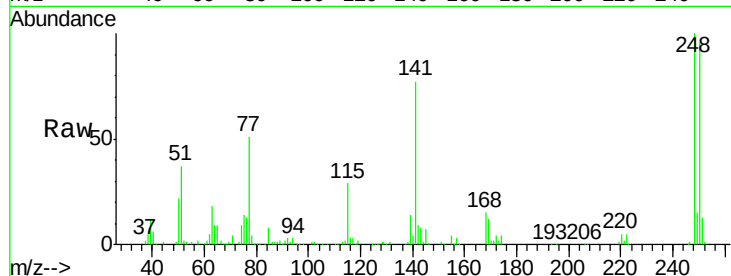




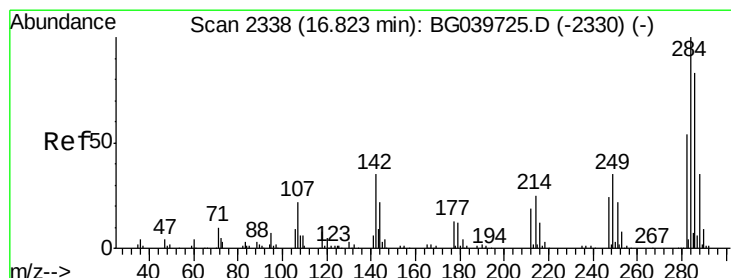
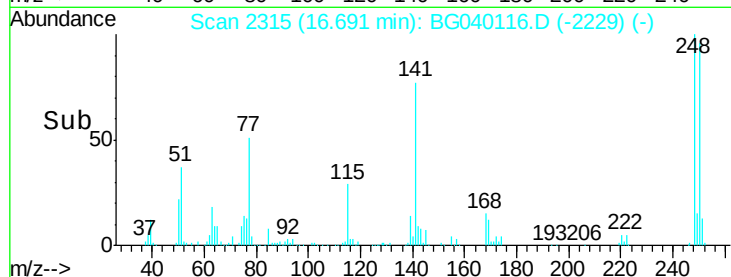
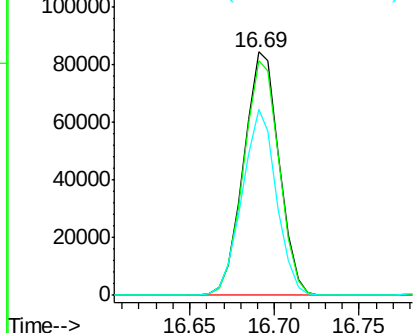
#67
 4-Bromophenyl-phenylether
 Concen: 40.083 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.03 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:248 Resp: 123023
 Ion Ratio Lower Upper
 248 100
 250 96.2 77.6 116.4
 141 76.6 63.9 95.9

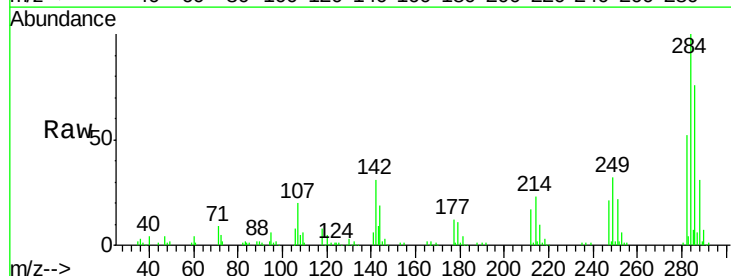


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

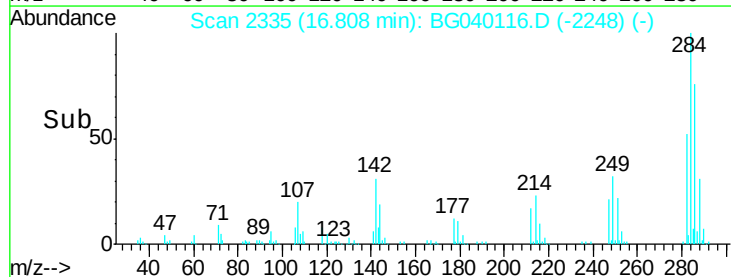
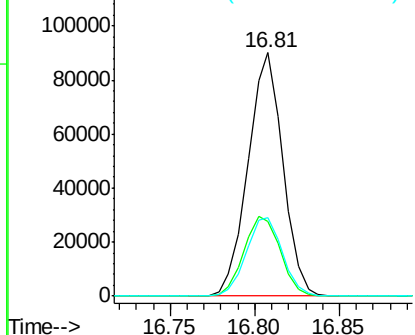


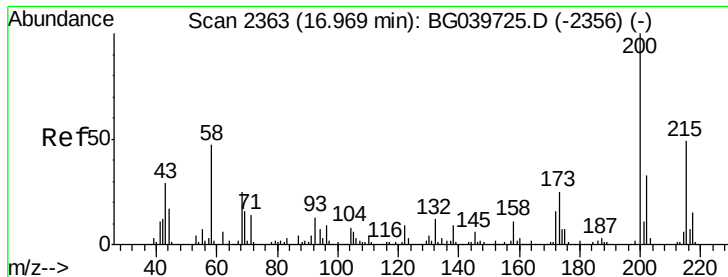
#68
 Hexachlorobenzene
 Concen: 40.561 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

Tgt Ion:284 Resp: 129043
 Ion Ratio Lower Upper
 284 100
 142 30.9 30.6 45.8
 249 32.5 28.2 42.2



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





#69

Atrazine

Concen: 36.907 ng

RT: 16.95 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampled :

SSTDCCC040

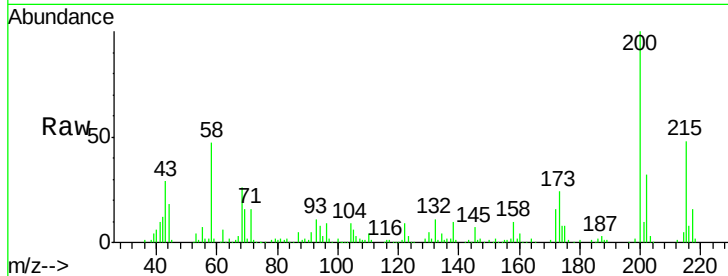
Tgt Ion:200 Resp: 115302

Ion Ratio Lower Upper

200 100

173 24.2 3.9 43.9

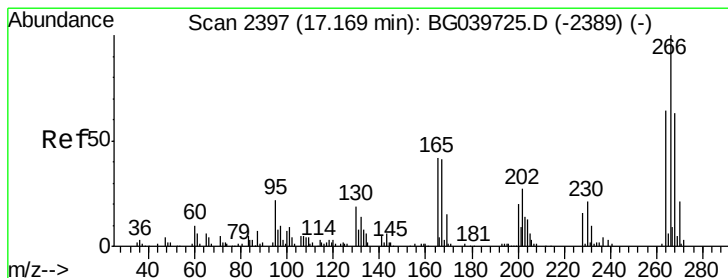
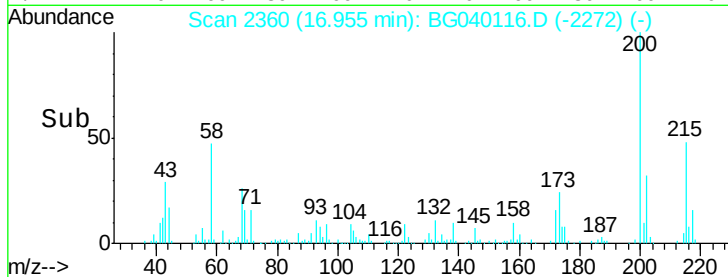
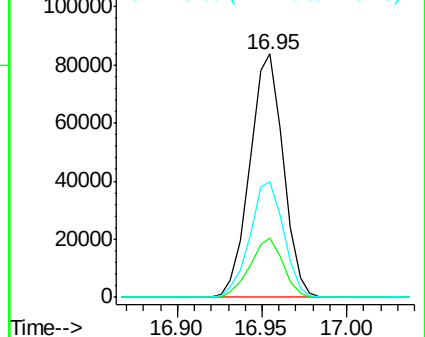
215 47.7 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 38.181 ng

RT: 17.15 min Scan# 2394

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

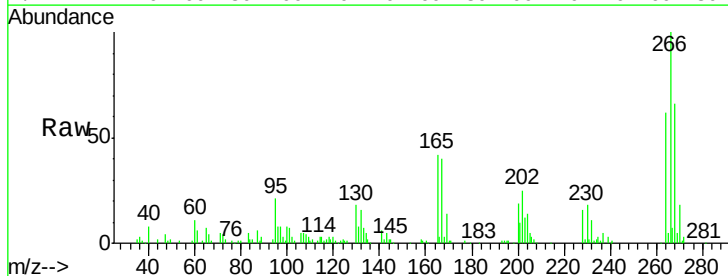
Tgt Ion:266 Resp: 76715

Ion Ratio Lower Upper

266 100

268 65.8 51.1 76.7

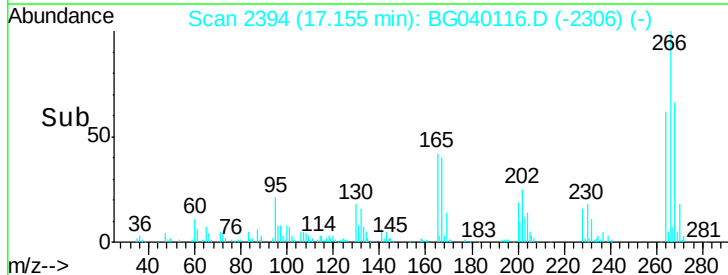
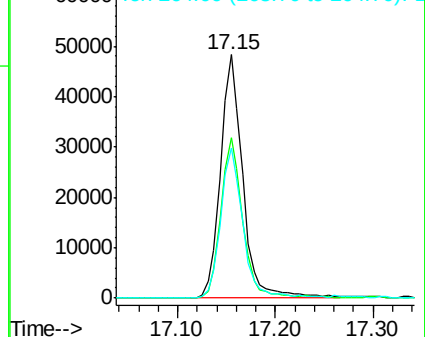
264 61.9 52.1 78.1

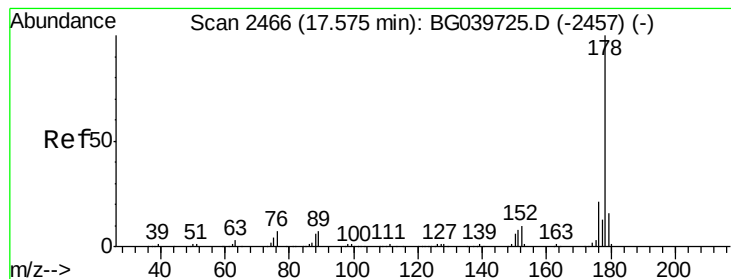


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.370 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

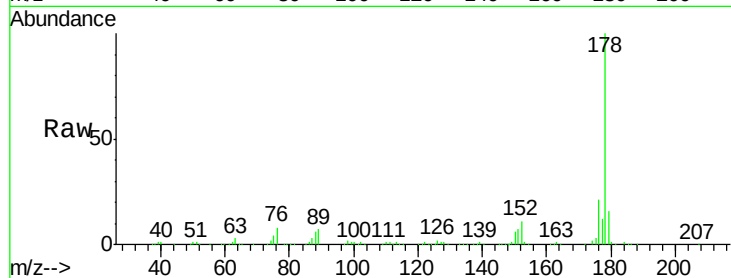
Tgt Ion:178 Resp: 594623

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

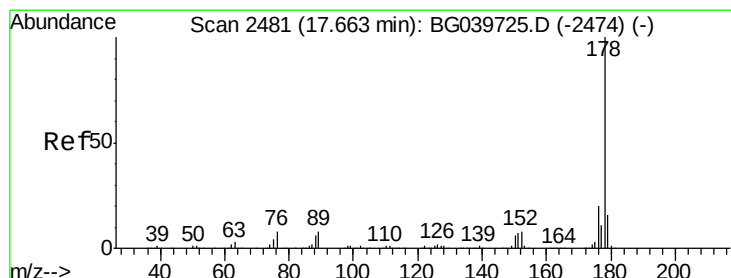
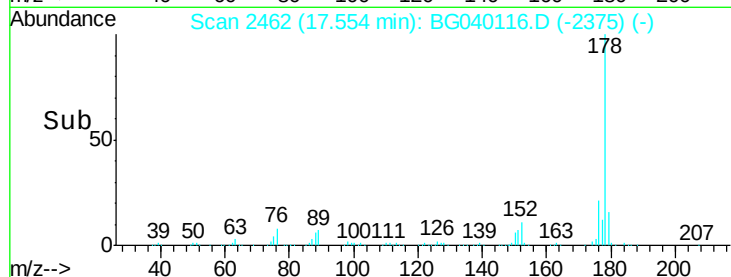
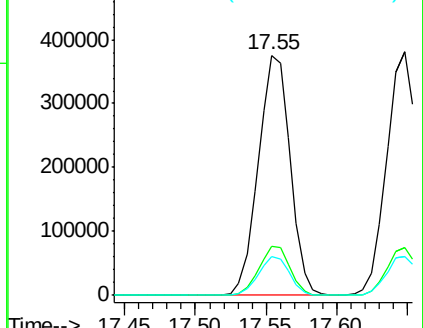
179 16.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.615 ng

RT: 17.65 min Scan# 2478

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

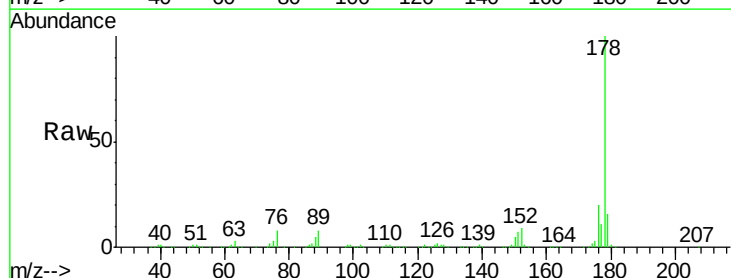
Tgt Ion:178 Resp: 583057

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

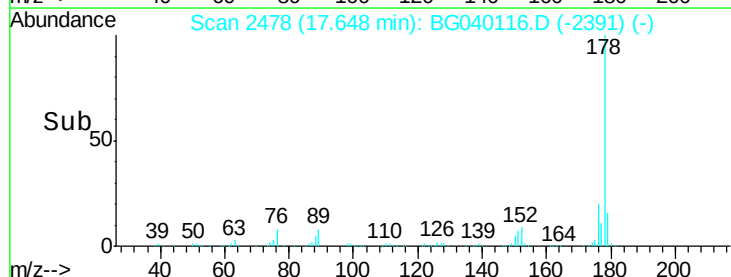
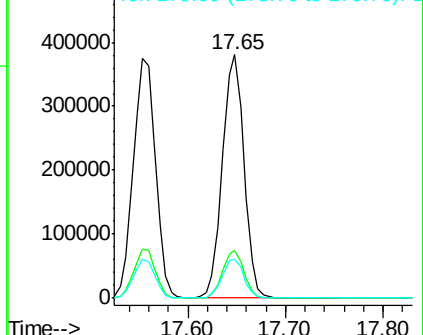
179 15.9 12.5 18.7

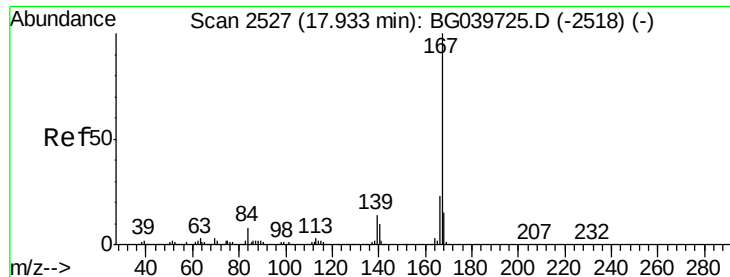


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

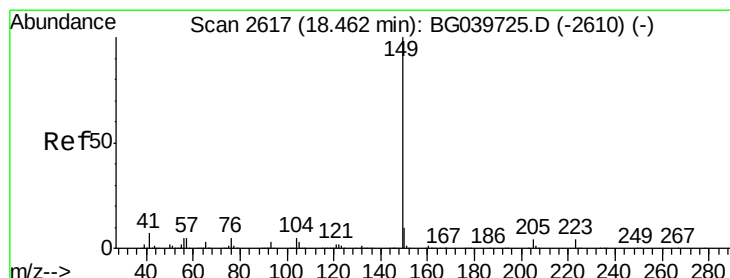
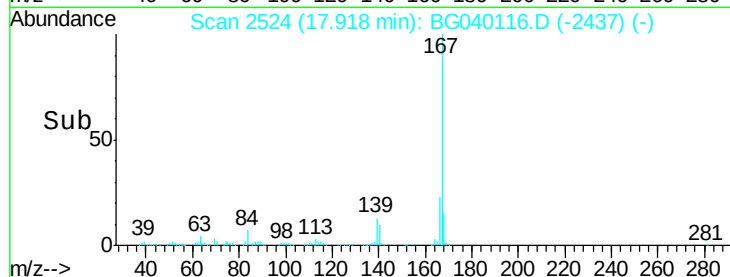
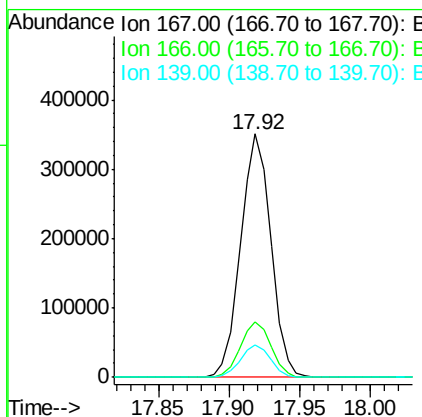
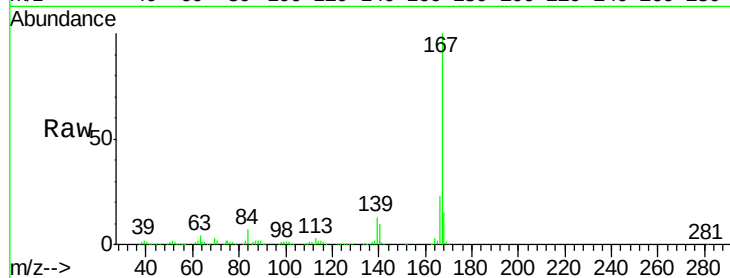




#73
 Carbazole
 Concen: 39.554 ng
 RT: 17.92 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

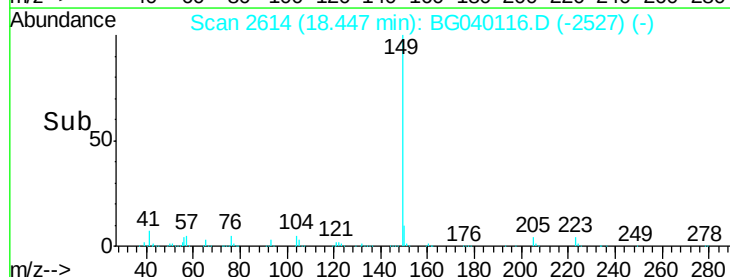
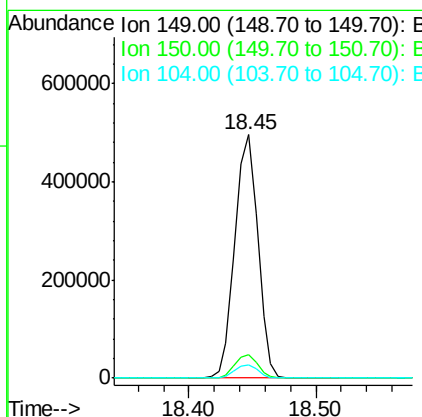
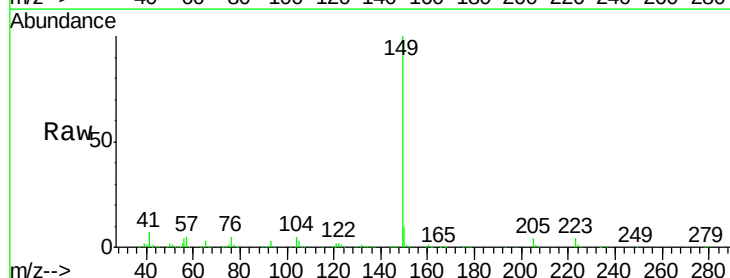
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

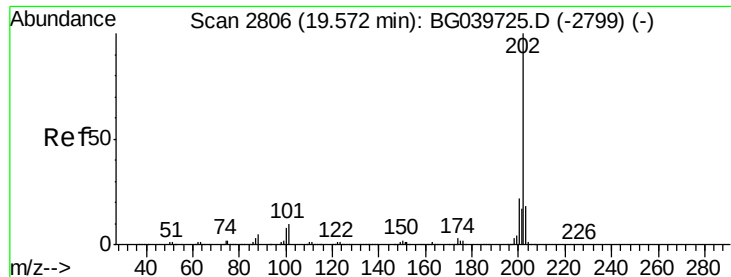
Tgt Ion:167 Resp: 524817
 Ion Ratio Lower Upper
 167 100
 166 22.6 19.4 29.2
 139 13.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 39.757 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BG040116.D
 Acq: 25 Mar 2019 14:12

Tgt Ion:149 Resp: 620657
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 39.590 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

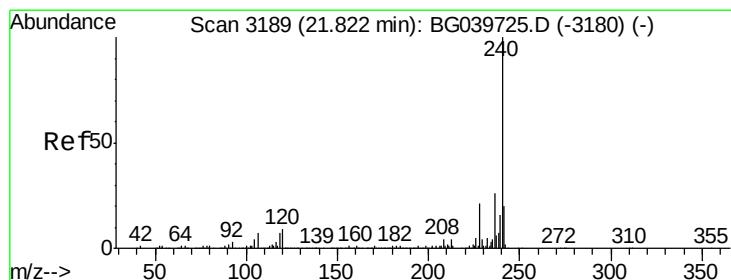
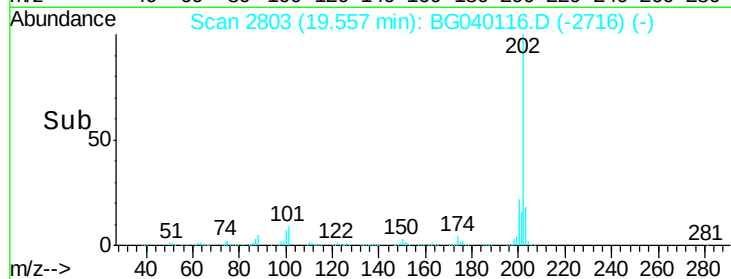
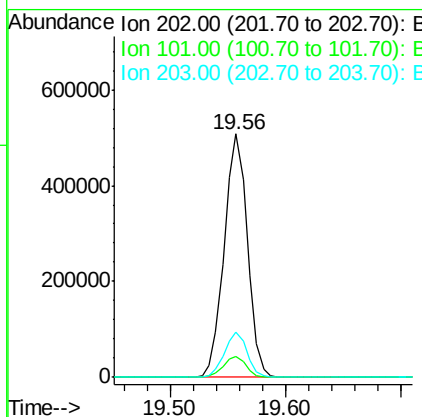
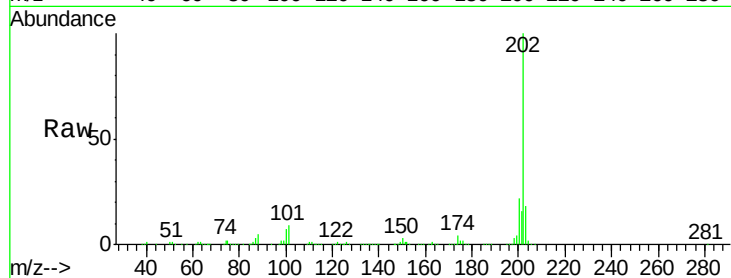
Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:	202	Resp:	706659
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.0
203	18.4	0.0	38.9



#76

Chrysene-d12

Concen: 20.000 ng

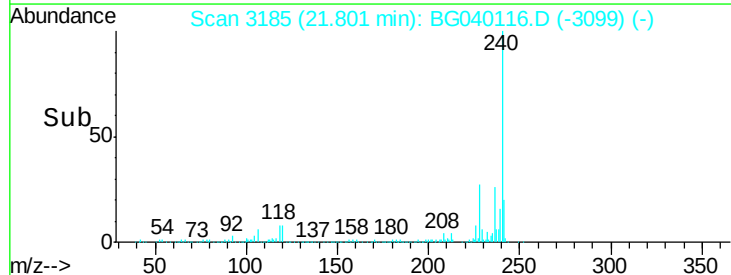
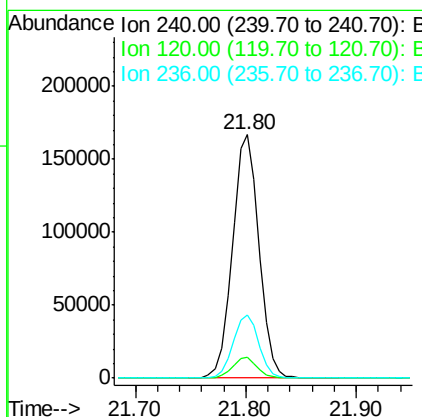
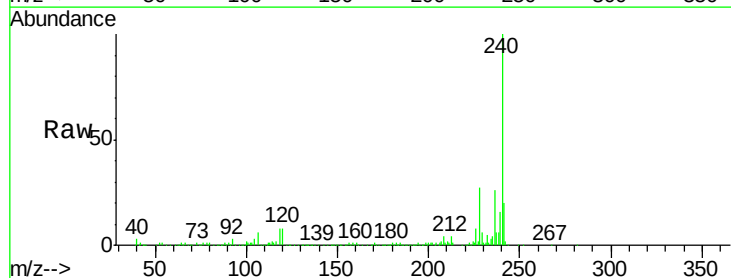
RT: 21.80 min Scan# 3185

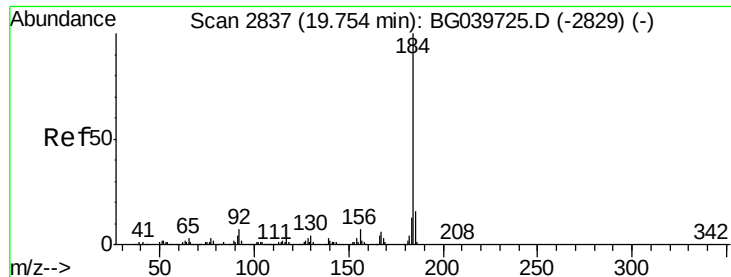
Delta R.T. -0.03 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Tgt Ion:	240	Resp:	279525
Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	26.2	21.0	31.4





#77

Benzidine

Concen: 33.553 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

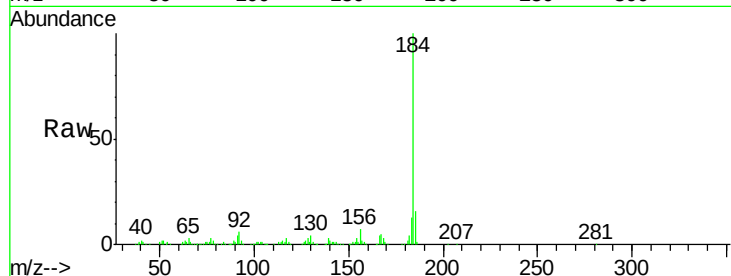
Tgt Ion:184 Resp: 297618

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

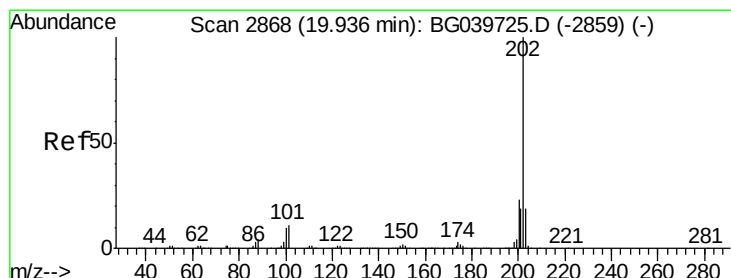
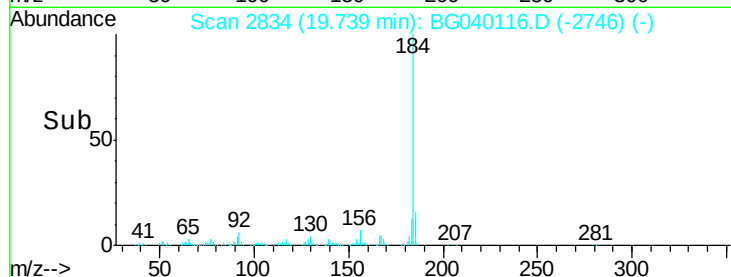
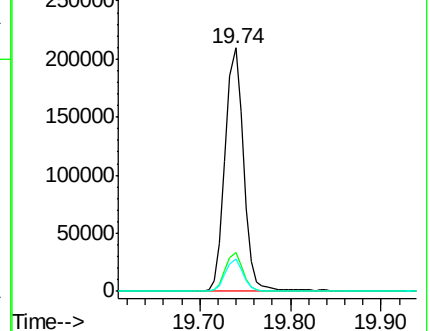
183 13.3 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.026 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

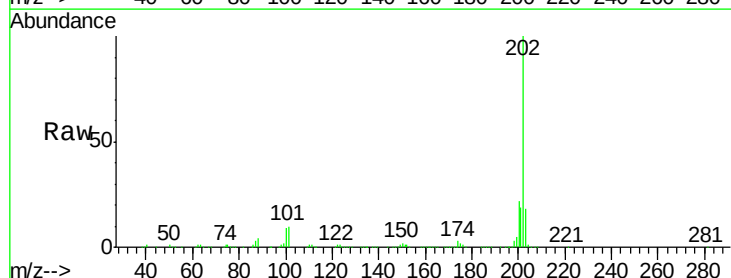
Tgt Ion:202 Resp: 708851

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.8

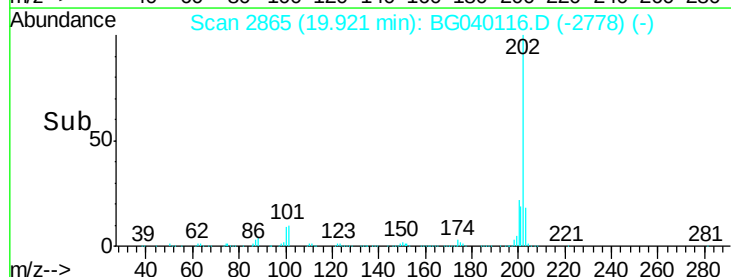
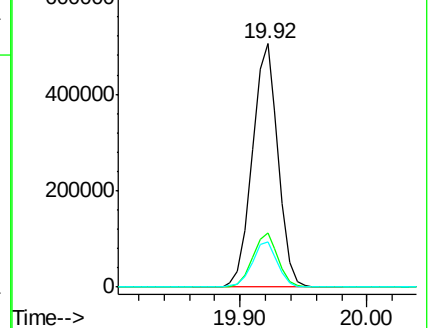
203 18.4 15.3 22.9

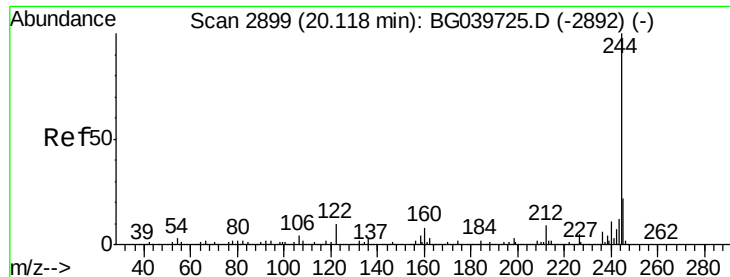


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.472 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

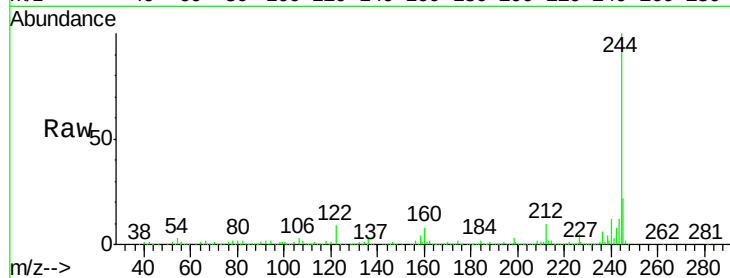
Tgt Ion:244 Resp: 996220

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

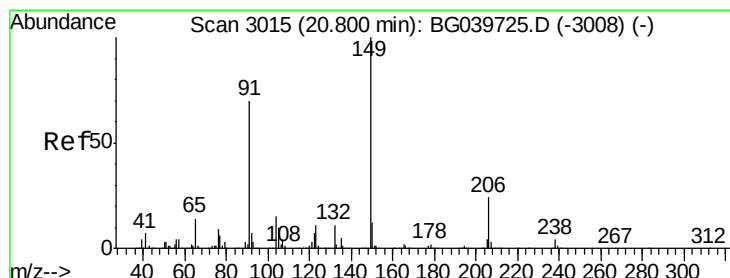
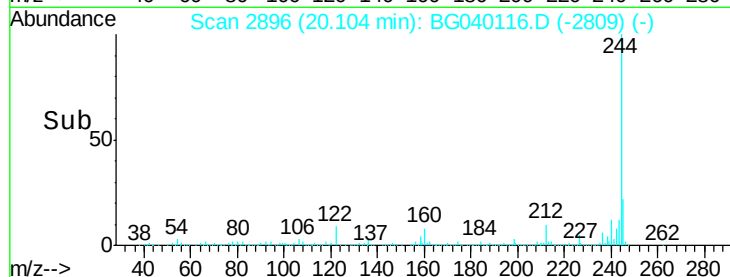
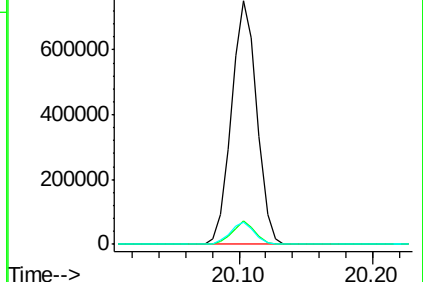
122 9.1 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.010 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

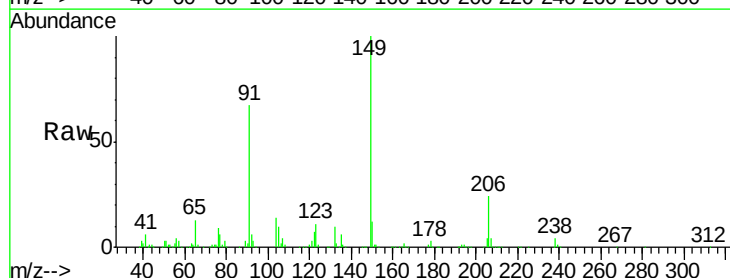
Tgt Ion:149 Resp: 281551

Ion Ratio Lower Upper

149 100

91 66.7 59.5 89.3

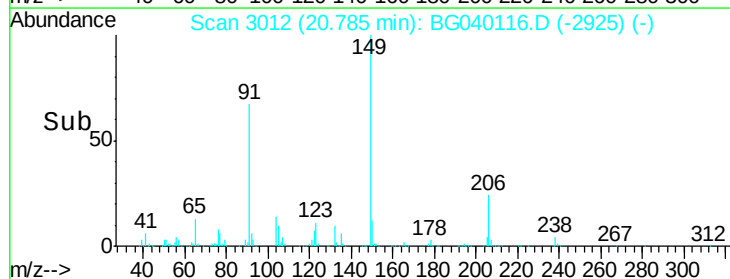
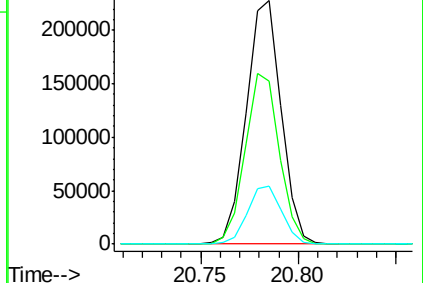
206 23.9 18.6 27.8

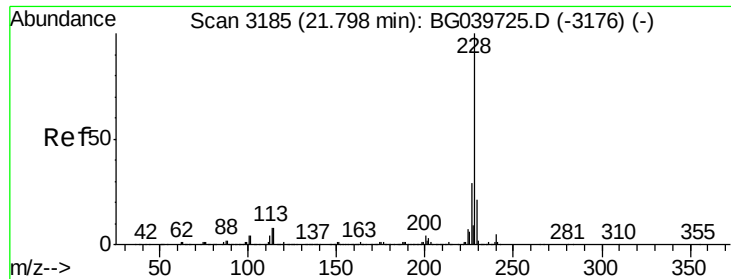


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.887 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.03 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

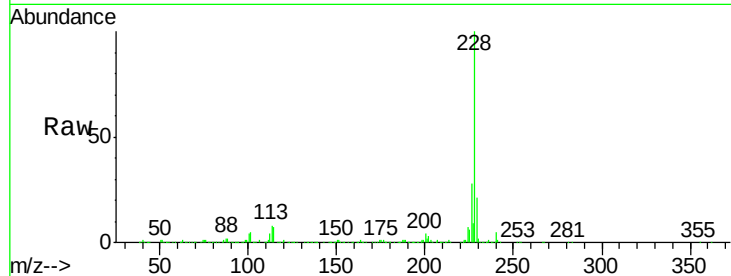
Tgt Ion:228 Resp: 681248

Ion Ratio Lower Upper

228 100

226 27.9 23.0 34.6

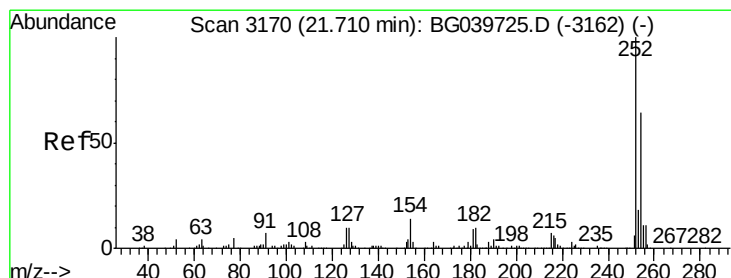
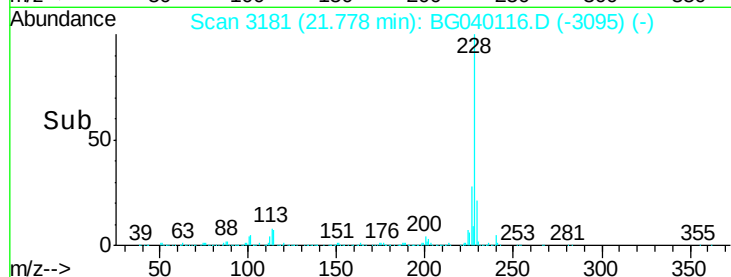
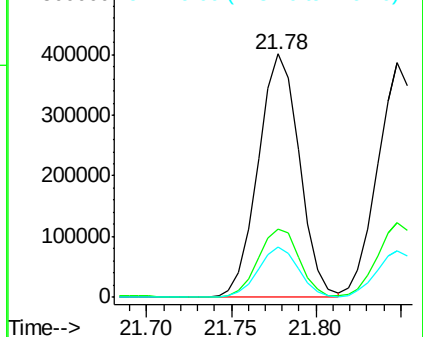
229 20.6 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.452 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

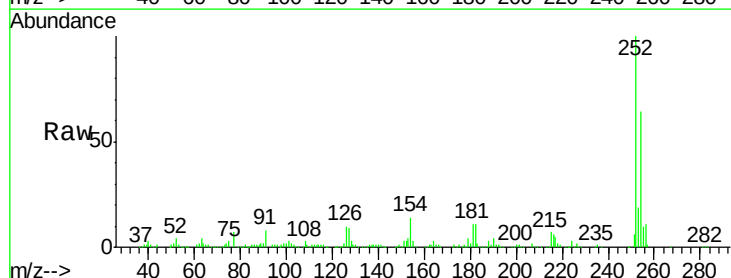
Tgt Ion:252 Resp: 245939

Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

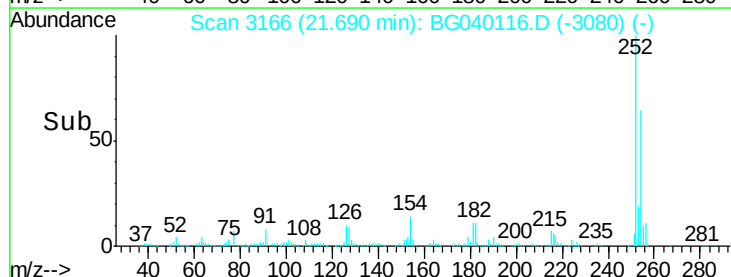
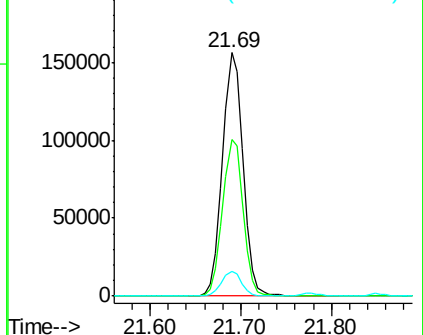
126 10.2 8.0 12.0

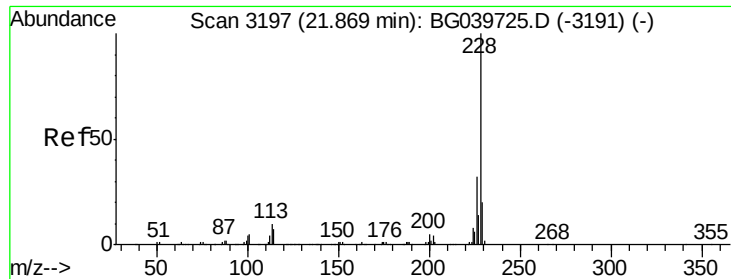


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.368 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.03 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

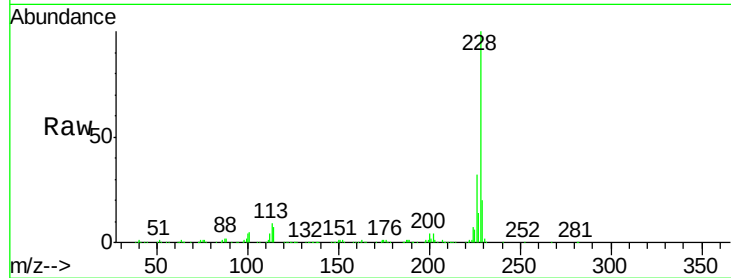
Tgt Ion:228 Resp: 651633

Ion Ratio Lower Upper

228 100

226 31.6 25.8 38.6

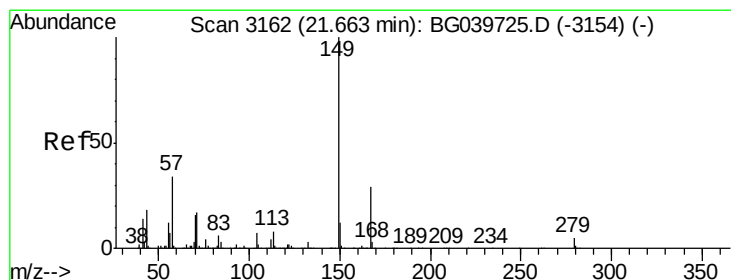
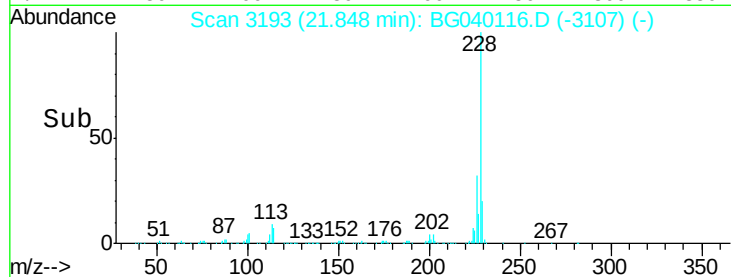
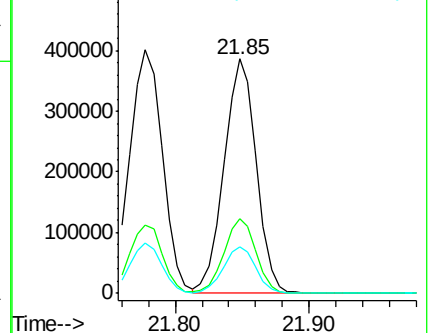
229 19.8 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.698 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

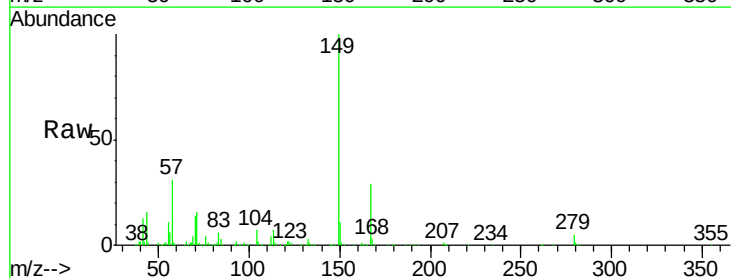
Tgt Ion:149 Resp: 392566

Ion Ratio Lower Upper

149 100

167 28.5 22.6 34.0

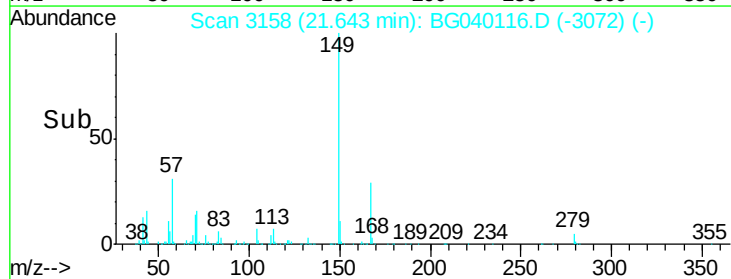
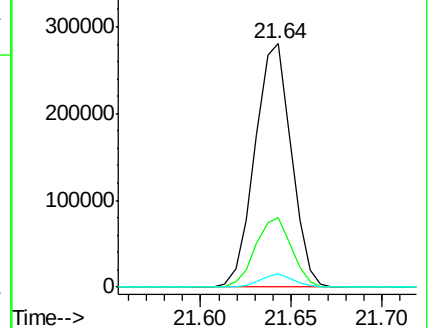
279 5.3 3.5 5.3#

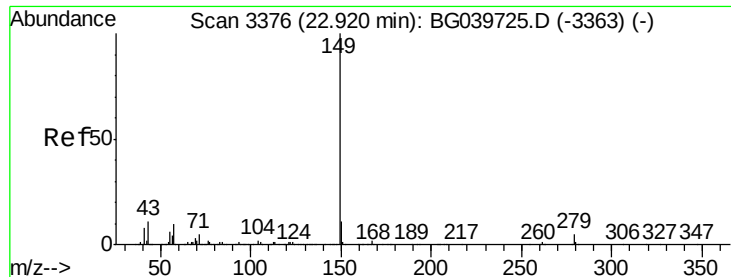


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

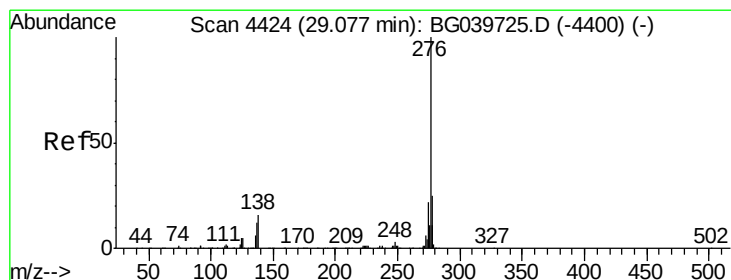
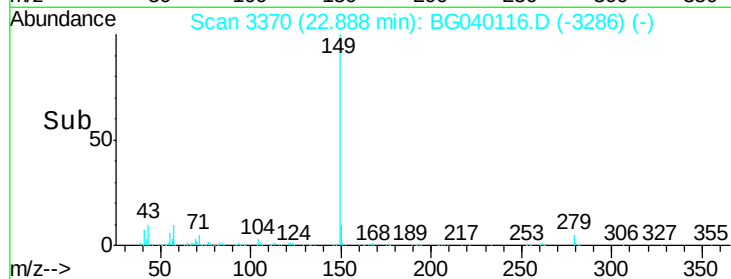
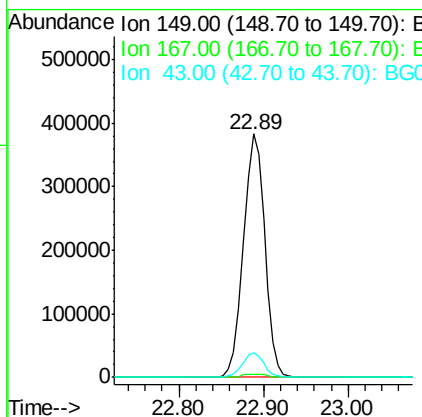
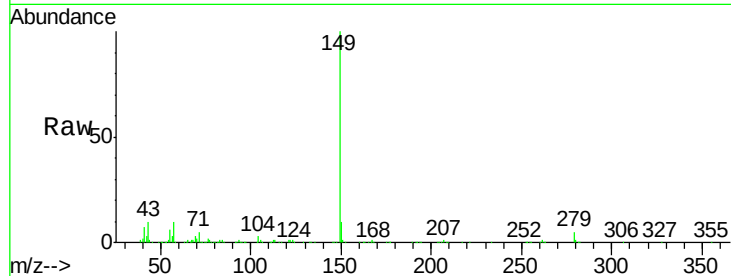




#85
Di-n-octyl phthalate
Concen: 40.937 ng
RT: 22.89 min Scan# 3370
Delta R.T. -0.04 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

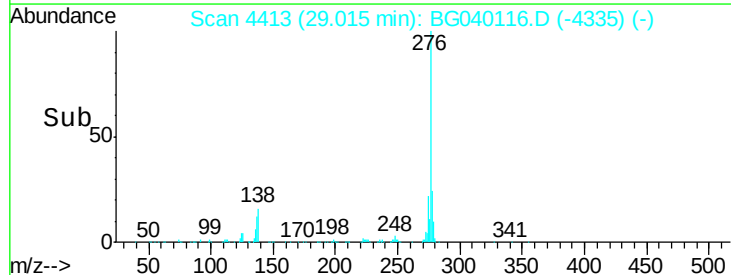
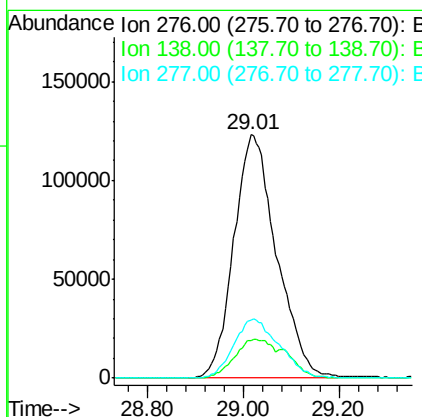
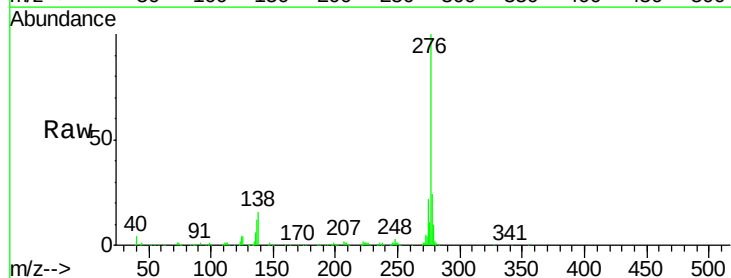
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

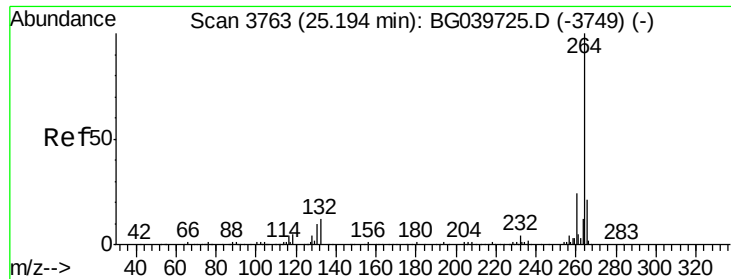
Tgt Ion:149 Resp: 670283
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.3 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.549 ng
RT: 29.01 min Scan# 4413
Delta R.T. -0.07 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

Tgt Ion:276 Resp: 762009
Ion Ratio Lower Upper
276 100
138 15.3 12.6 19.0
277 25.9 20.8 31.2



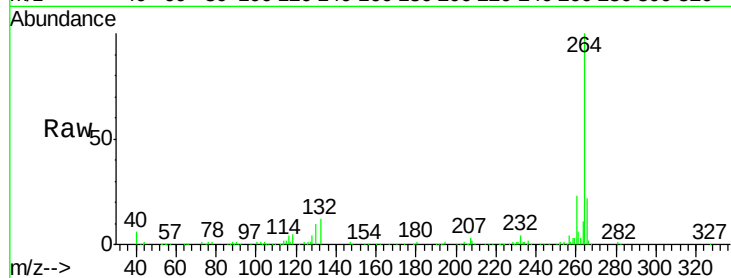


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3756
Delta R.T. -0.04 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

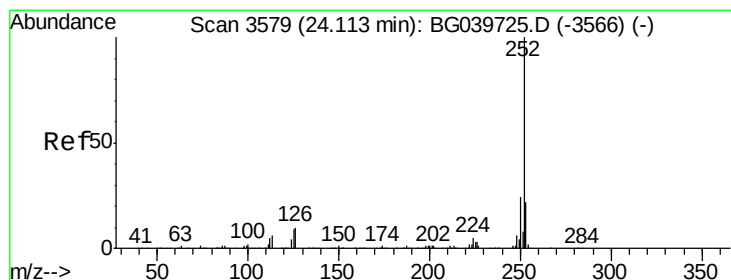
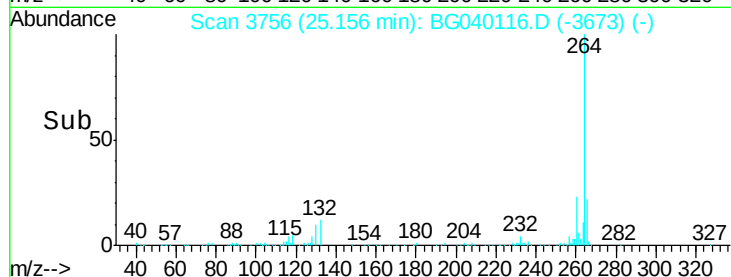
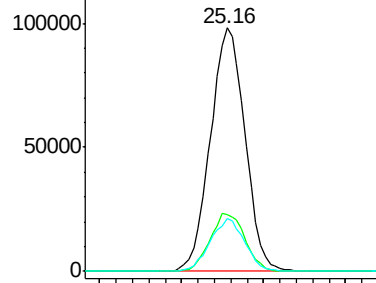
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 264 Resp: 288629

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.6	18.5	27.7



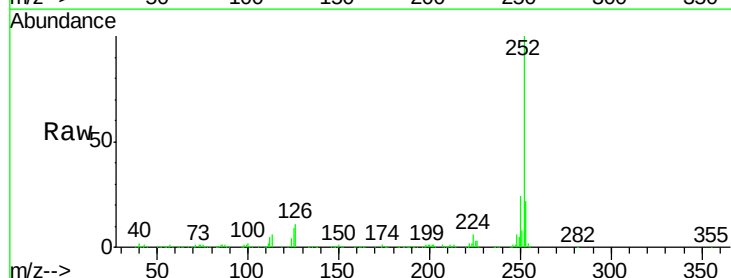
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



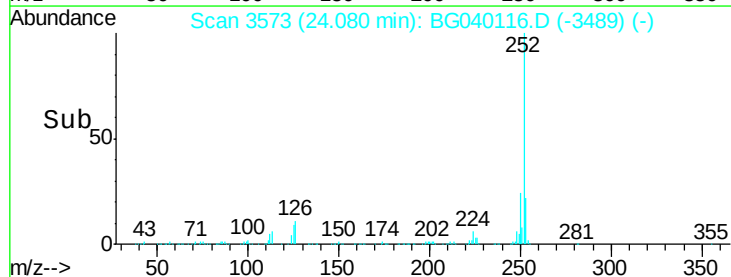
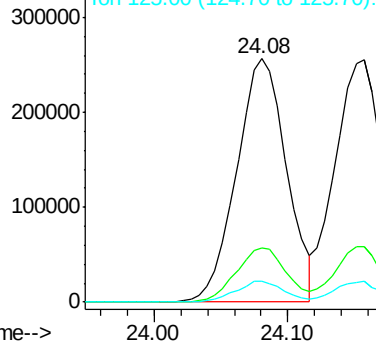
#88
Benzo(b)fluoranthene
Concen: 38.725 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.04 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

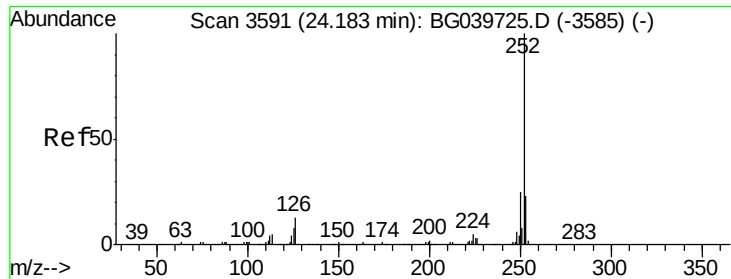
Tgt Ion: 252 Resp: 666509

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	8.6	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.191 ng

RT: 24.16 min Scan# 3586

Delta R.T. -0.03 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

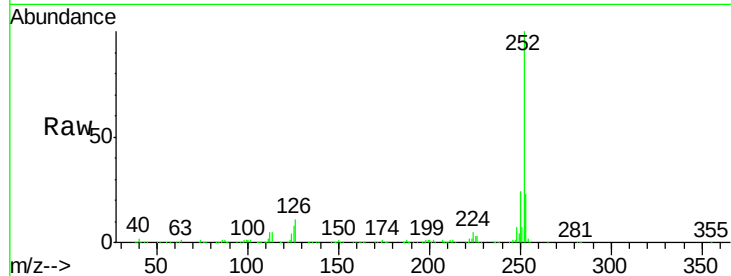
Tgt Ion:252 Resp: 627898

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

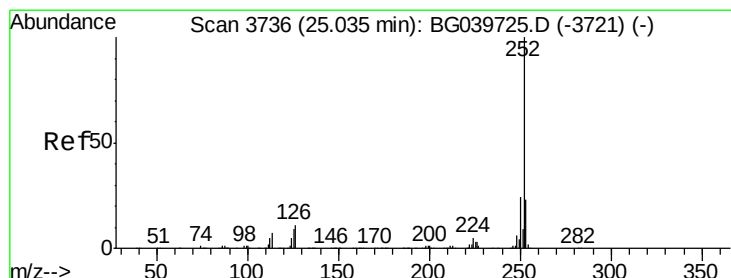
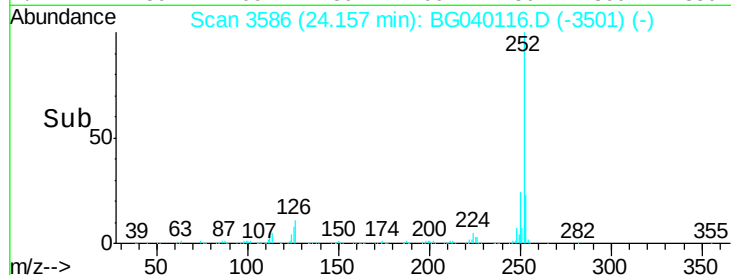
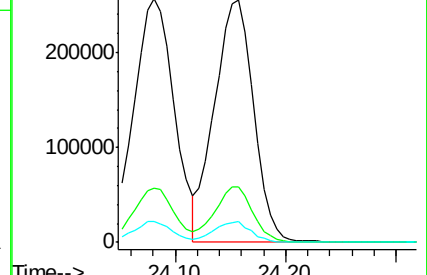
125 8.5 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.938 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG040116.D

Acq: 25 Mar 2019 14:12

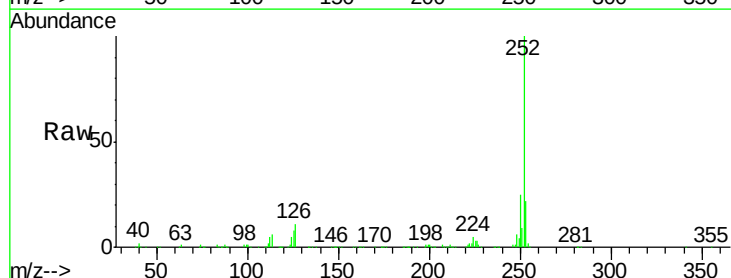
Tgt Ion:252 Resp: 635182

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

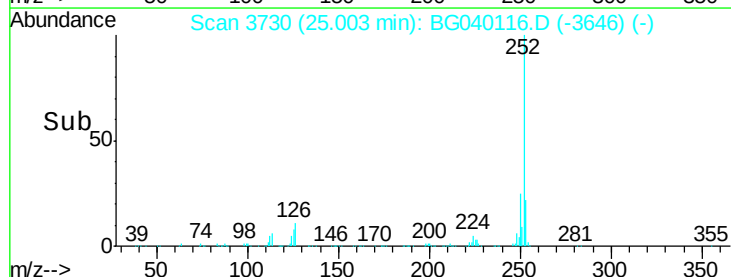
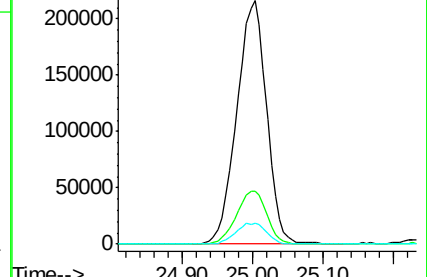
125 8.5 8.3 12.5

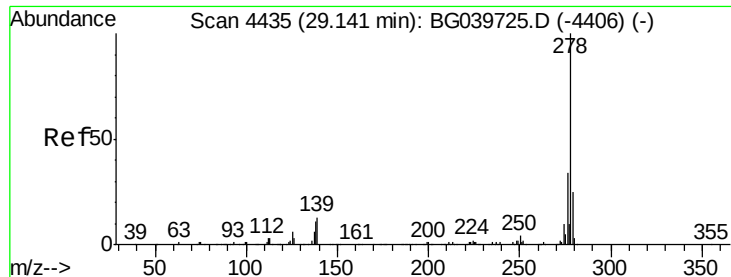


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

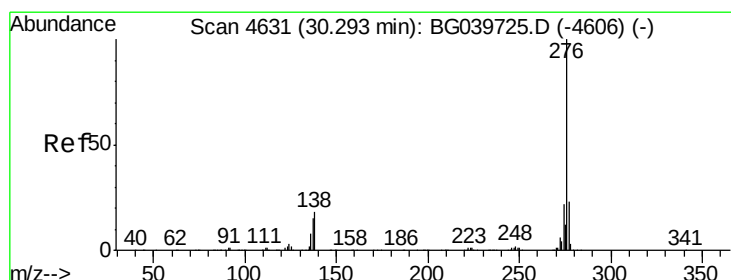
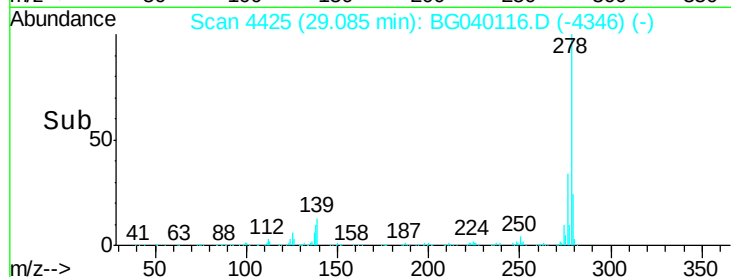
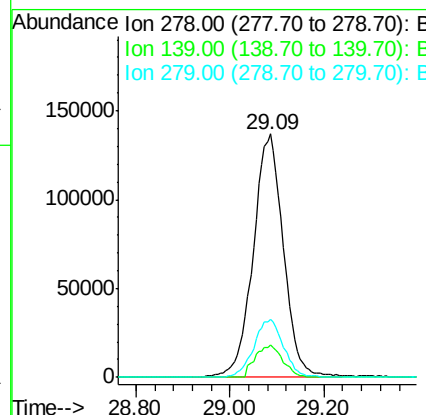
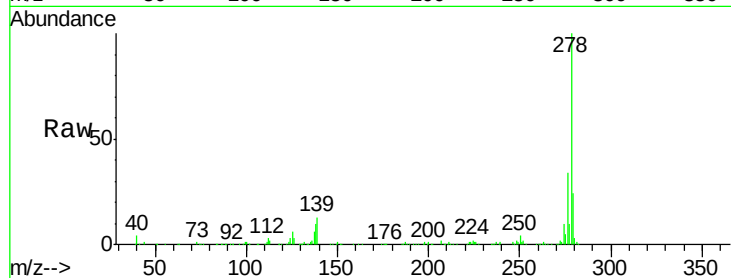




#91
Dibenzo(a,h)anthracene
Concen: 39.210 ng
RT: 29.09 min Scan# 4425
Delta R.T. -0.07 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.7	17.5
279	24.0	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 39.465 ng
RT: 30.24 min Scan# 4622
Delta R.T. -0.07 min
Lab File: BG040116.D
Acq: 25 Mar 2019 14:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	15.8	14.7	22.1

