

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042555.D
 Acq On : 29 Aug 2019 8:29
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 29 12:15:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36725	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	150294	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	110095	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	256162	20.00	ng	0.00
76) Chrysene-d12	21.69	240	264580	20.00	ng	0.00
87) Perylene-d12	24.93	264	320609	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	148460	81.87	ng	0.00
7) Phenol-d6	7.16	99	194028	79.21	ng	0.00
23) Nitrobenzene-d5	9.17	82	176319	81.07	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	129410	82.70	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	560974	86.18	ng	0.00
79) Terphenyl-d14	20.03	244	1023527	83.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	29977	39.614	ng	100
3) Pyridine	3.83	79	76284	39.313	ng	98
4) n-Nitrosodimethylamine	3.74	42	28713	41.430	ng	92
6) Aniline	7.32	93	125484	38.410	ng	98
8) 2-Chlorophenol	7.56	128	88120	40.098	ng	97
9) Benzaldehyde	7.13	77	47369	38.629	ng	95
10) Phenol	7.19	94	95978	38.539	ng	94
11) bis(2-Chloroethyl)ether	7.41	93	75236	38.467	ng	97
12) 1,3-Dichlorobenzene	7.89	146	113805	40.708	ng	99
13) 1,4-Dichlorobenzene	8.03	146	115092	40.643	ng	99
14) 1,2-Dichlorobenzene	8.36	146	111108	40.971	ng	99
15) Benzyl Alcohol	8.24	79	70437	39.971	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	99709	37.613	ng	100
17) 2-Methylphenol	8.45	107	72472	39.509	ng	97
18) Hexachloroethane	9.09	117	38386	39.596	ng	92
19) n-Nitroso-di-n-propylamine	8.81	70	60618	38.200	ng	95
20) 3+4-Methylphenols	8.78	107	97590	38.448	ng	99
22) Acetophenone	8.83	105	131497	40.907	ng	# 98
24) Nitrobenzene	9.21	77	86860	39.439	ng	99
25) Isophorone	9.73	82	166647	38.825	ng	99
26) 2-Nitrophenol	9.93	139	55284	40.056	ng	96
27) 2,4-Dimethylphenol	9.99	122	74954	39.425	ng	99
28) bis(2-Chloroethoxy)methane	10.22	93	106053	39.202	ng	99
29) 2,4-Dichlorophenol	10.47	162	101813	40.931	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	127043	41.611	ng	98
31) Naphthalene	10.87	128	281354	40.321	ng	99
32) Benzoic acid	10.14	122	41217	32.957	ng	96
33) 4-Chloroaniline	10.98	127	126438	39.253	ng	98
34) Hexachlorobutadiene	11.16	225	88178	42.974	ng	99
35) Caprolactam	11.75	113	30520	36.771	ng	96
36) 4-Chloro-3-methylphenol	12.11	107	91580	38.784	ng	97
37) 2-Methylnaphthalene	12.48	142	224244	40.023	ng	99
38) 1-Methylnaphthalene	12.70	142	213209	40.062	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	150742	42.636	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	72485	39.030	nq	95
43) 2,4,6-Trichlorophenol	13.09	196	97633	40.854	nq	99
44) 2,4,5-Trichlorophenol	13.17	196	97328	39.300	nq	96
46) 1,1'-Biphenyl	13.49	154	294527	41.386	nq	98
47) 2-Chloronaphthalene	13.53	162	255064	41.566	nq	99
48) 2-Nitroaniline	13.73	65	57882	39.116	nq	99
49) Acenaphthylene	14.38	152	380338	41.198	nq	99
50) Dimethylphthalate	14.11	163	326461	41.097	nq	99
51) 2,6-Dinitrotoluene	14.23	165	74616	40.524	nq	98
52) Acenaphthene	14.73	154	226083	40.330	nq	100
53) 3-Nitroaniline	14.56	138	72043	39.122	nq	100
54) 2,4-Dinitrophenol	14.78	184	36475	33.348	nq	99
55) Dibenzofuran	15.06	168	384666	41.454	nq	99
56) 4-Nitrophenol	14.88	139	49016	37.459	nq	95
57) 2,4-Dinitrotoluene	15.03	165	108018	40.967	nq	97
58) Fluorene	15.71	166	311479	41.064	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	99425	40.597	nq	93
60) Diethylphthalate	15.47	149	319059	41.087	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	189304	41.400	nq	100
62) 4-Nitroaniline	15.73	138	78434	39.797	nq	94
63) Azobenzene	15.99	77	208249	39.137	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	61765	38.458	nq	99
66) n-Nitrosodiphenylamine	15.91	169	283706	40.273	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	133221	41.001	nq	97
68) Hexachlorobenzene	16.72	284	144691	40.964	nq	99
69) Atrazine	16.86	200	88717	35.612	nq	98
70) Pentachlorophenol	17.07	266	65652	35.773	nq	100
71) Phenanthrene	17.45	178	528906	41.568	nq	98
72) Anthracene	17.55	178	527035	41.491	nq	99
73) Carbazole	17.82	167	461051	40.726	nq	99
74) Di-n-butylphthalate	18.37	149	553061	41.328	nq	100
75) Fluoranthene	19.47	202	677320	43.617	nq	96
77) Benzidine	19.64	184	254020	33.487	nq	97
78) Pyrene	19.83	202	675596	41.649	nq	98
80) Butylbenzylphthalate	20.71	149	250081	39.197	nq	98
81) Benzo(a)anthracene	21.67	228	666046	41.382	nq	97
82) 3,3'-Dichlorobenzidine	21.58	252	259548	40.096	nq	98
83) Chrysene	21.74	228	636405	41.000	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	356988	40.299	nq	97
85) Di-n-octyl phthalate	22.79	149	611360	40.126	nq	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	841118	39.875	nq	# 95
88) Benzo(b)fluoranthene	23.90	252	718980	40.791	nq	99
89) Benzo(k)fluoranthene	23.97	252	701441	41.402	nq	99
90) Benzo(a)pyrene	24.78	252	684576	40.930	nq	99
91) Dibenzo(a,h)anthracene	28.70	278	682263	40.288	nq	99
92) Benzo(g,h,i)perylene	29.80	276	675586	39.888	nq	100

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

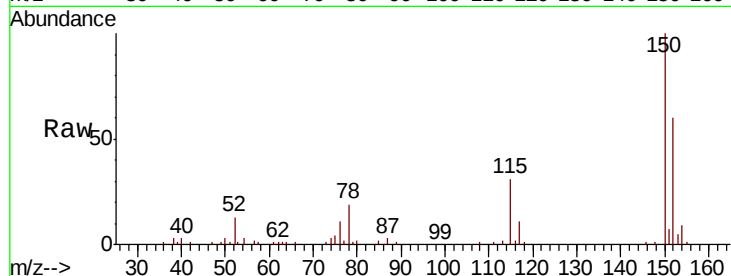


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042555.D
Acq: 29 Aug 2019 8:29

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.9	125.4	188.0
115	51.8	38.5	57.7

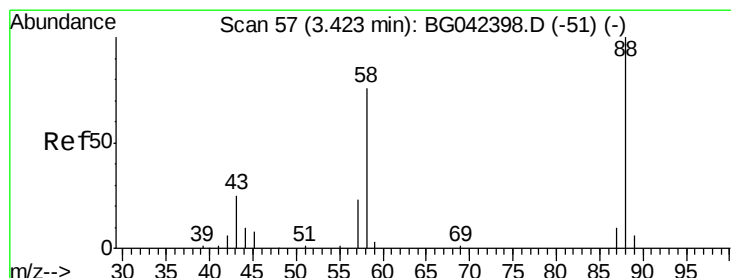
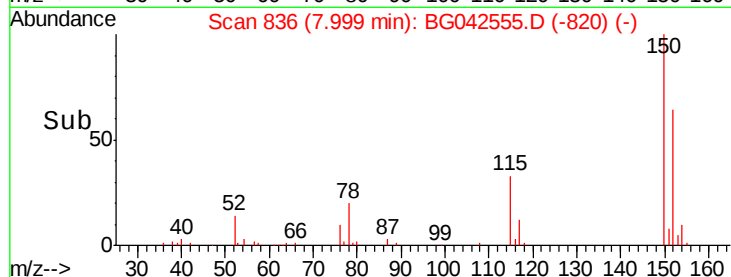
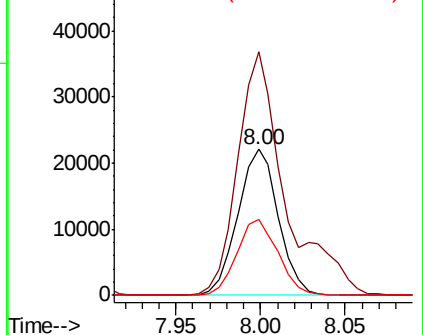


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

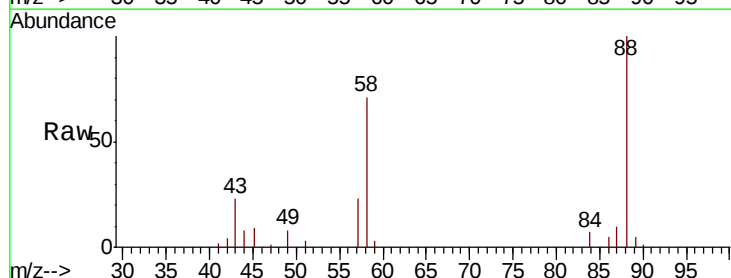
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.614 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.00 min
Lab File: BG042555.D
Acq: 29 Aug 2019 8:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	58.3	87.5
43	25.1	20.2	30.2

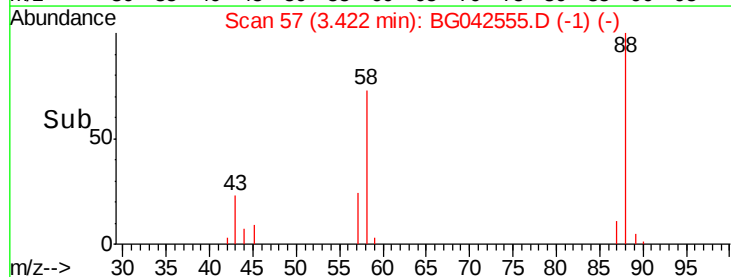
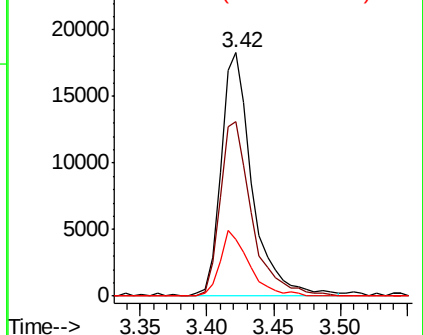


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.313 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

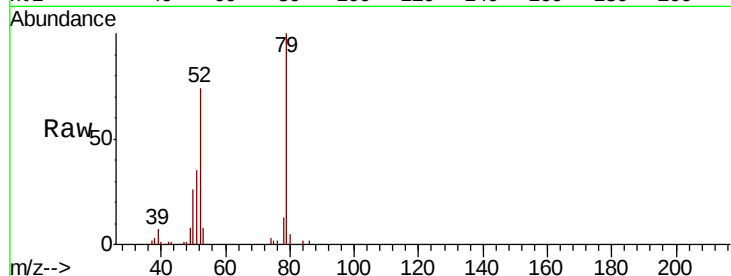
Tot Ion: 79 Resp: 76284

Ion Ratio Lower Upper

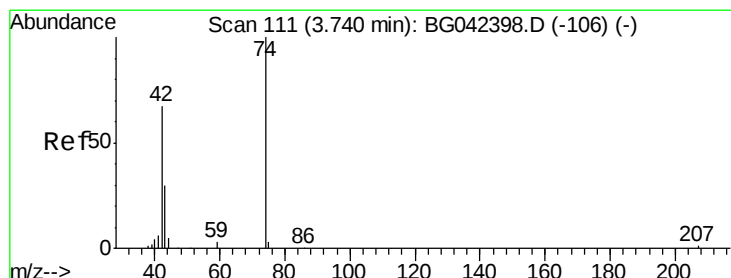
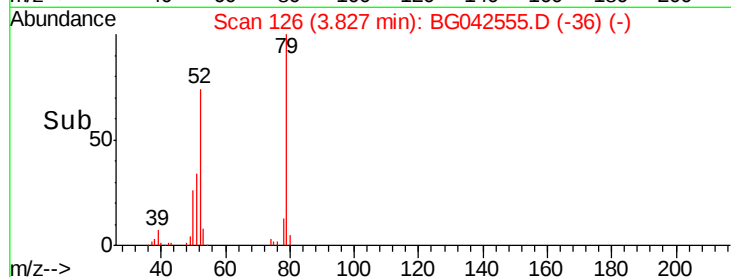
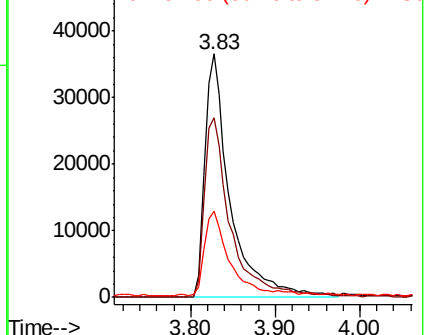
79 100

52 74.0 57.7 86.5

51 35.2 28.8 43.2



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



#4

n-Nitrosodimethylamine

Concen: 41.430 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

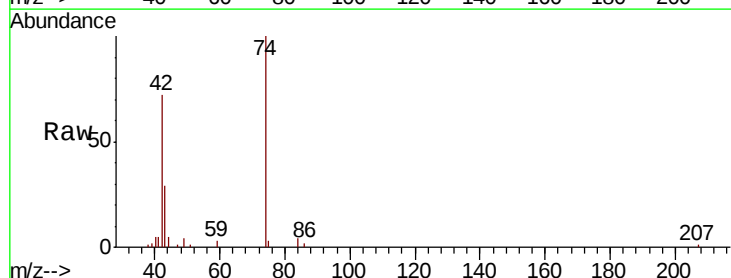
Tgt Ion: 42 Resp: 28713

Ion Ratio Lower Upper

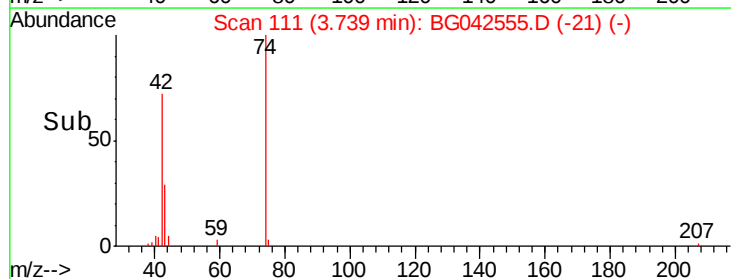
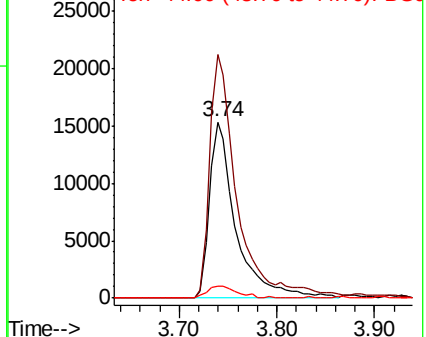
42 100

74 138.5 119.6 179.4

44 6.7 6.5 9.7



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





#5

2-Fluorophenol

Concen: 81.872 ng

RT: 5.55 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampled :

SSTDCCC040

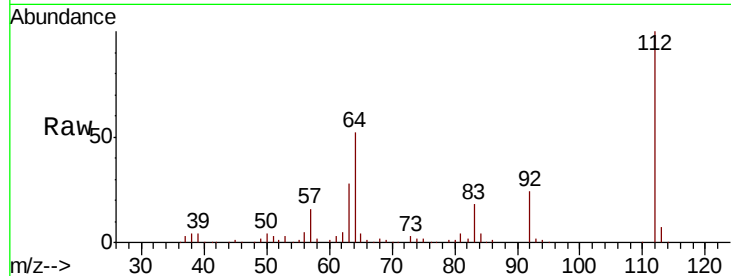
Tot Ion:112 Resp: 148460

Ion Ratio Lower Upper

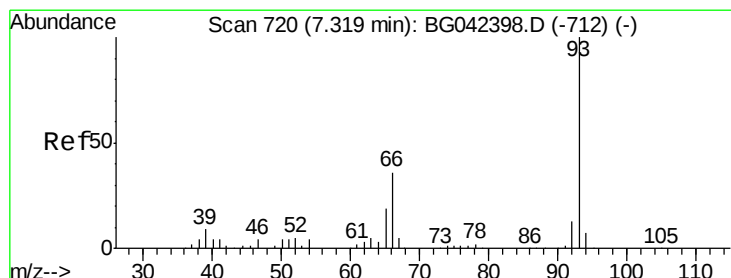
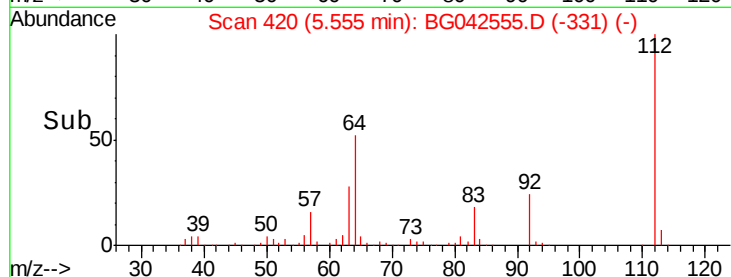
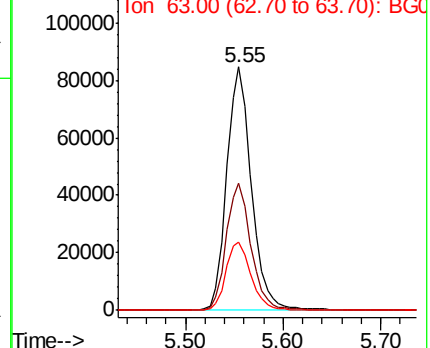
112 100

64 52.3 42.8 64.2

63 27.9 22.7 34.1



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: 38.410 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

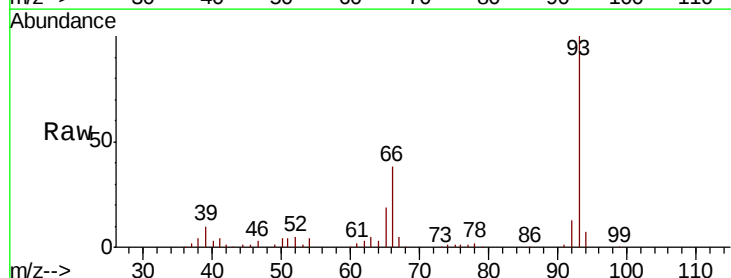
Tgt Ion: 93 Resp: 125484

Ion Ratio Lower Upper

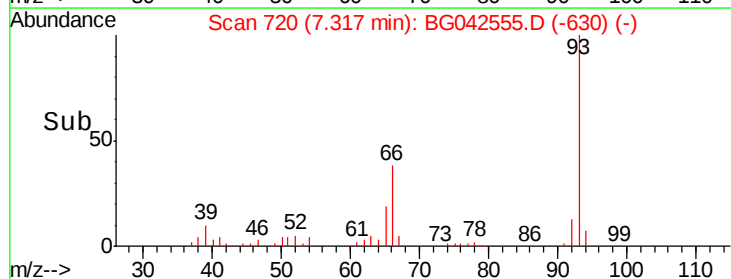
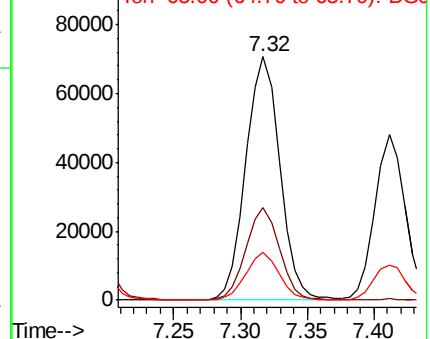
93 100

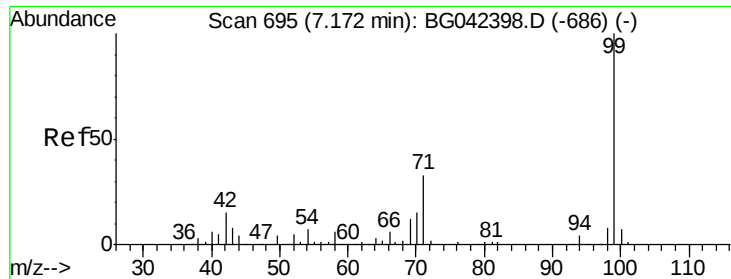
66 38.0 29.0 43.6

65 19.5 15.2 22.8



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





#7

Phenol-d6

Concen: 79.215 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

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ClientSampleId :

SSTDCCC040

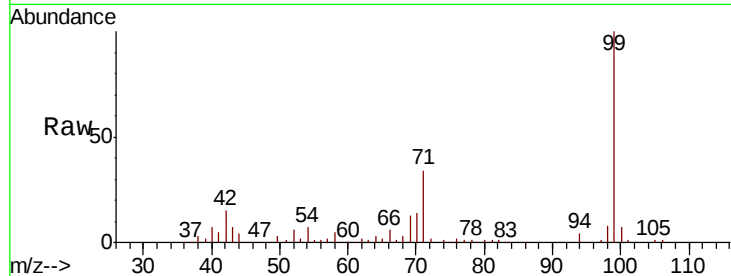
Tot Ion: 99 Resp: 194028

Ion Ratio Lower Upper

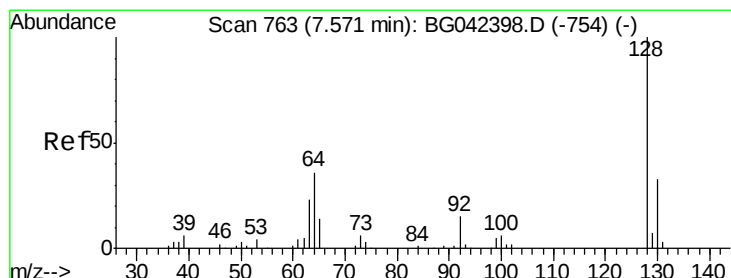
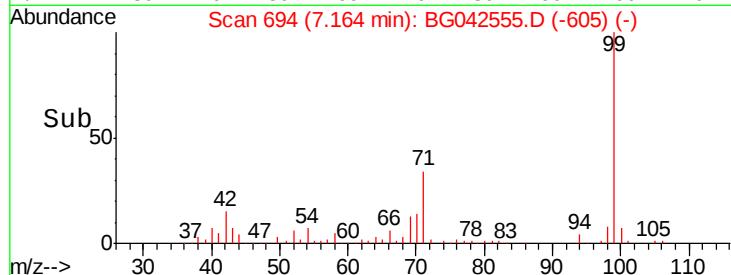
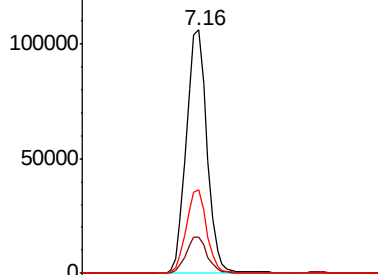
99 100

42 14.8 12.0 18.0

71 34.2 26.3 39.5



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



#8

2-Chlorophenol

Concen: 40.098 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

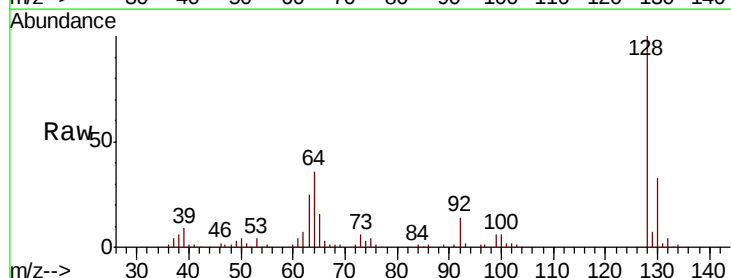
Tgt Ion: 128 Resp: 88120

Ion Ratio Lower Upper

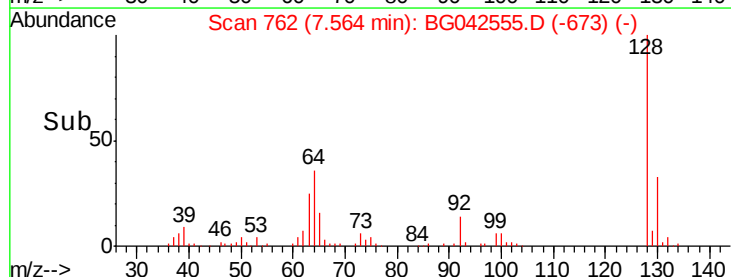
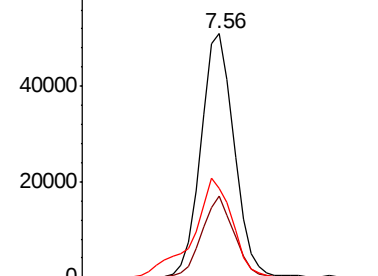
128 100

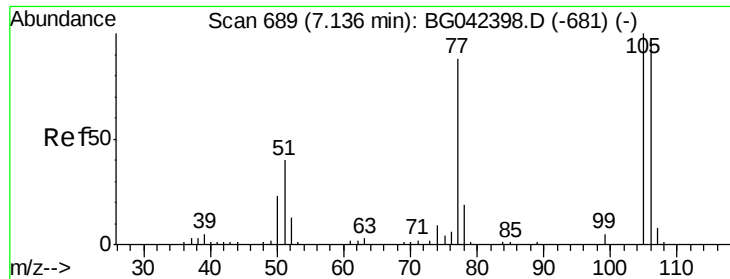
130 33.2 12.8 52.8

64 36.3 19.2 59.2



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





#9

Benzaldehyde

Concen: 38.629 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

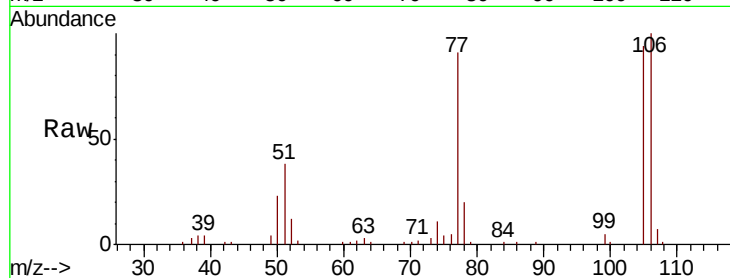
Tot Ion: 77 Resp: 47369

Ion Ratio Lower Upper

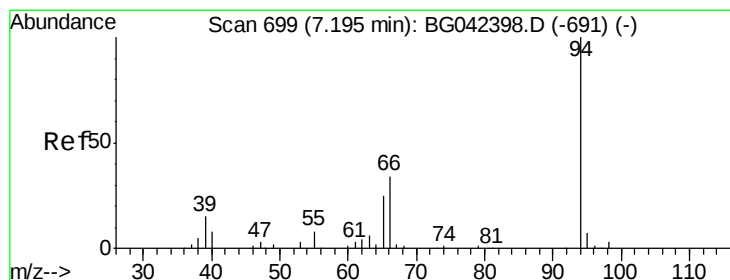
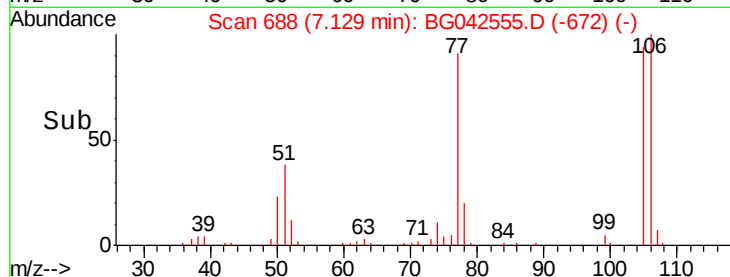
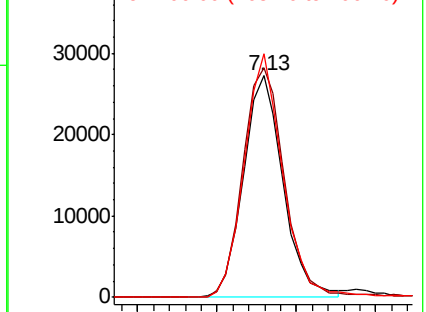
77 100

105 103.7 93.4 133.4

106 110.1 88.4 128.4



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



#10

Phenol

Concen: 38.539 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

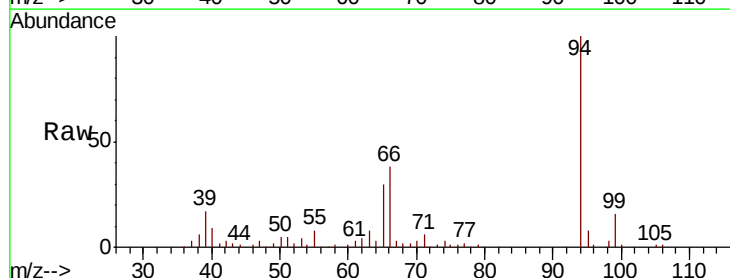
Tgt Ion: 94 Resp: 95978

Ion Ratio Lower Upper

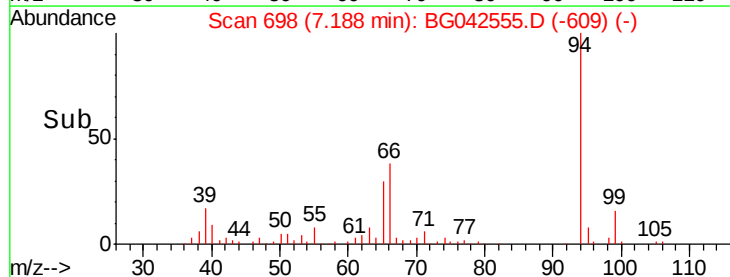
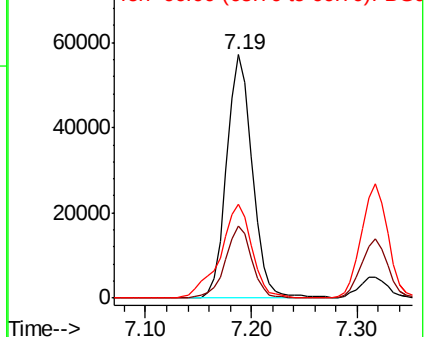
94 100

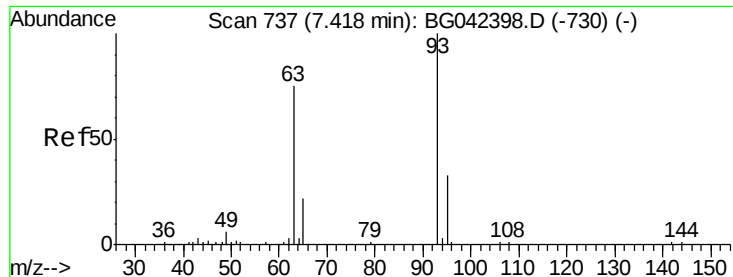
65 29.6 5.6 45.6

66 38.4 16.0 56.0



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





#11

bis(2-Chloroethyl)ether

Concen: 38.467 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

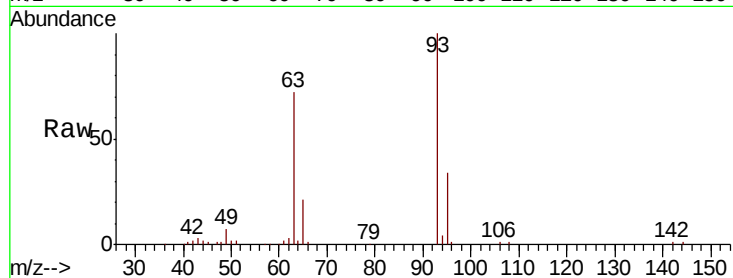
Tot Ion: 93 Resp: 75236

Ion Ratio Lower Upper

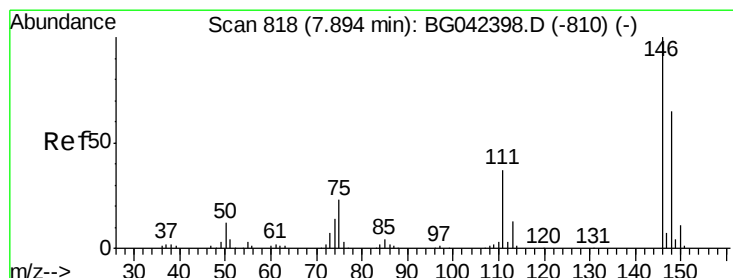
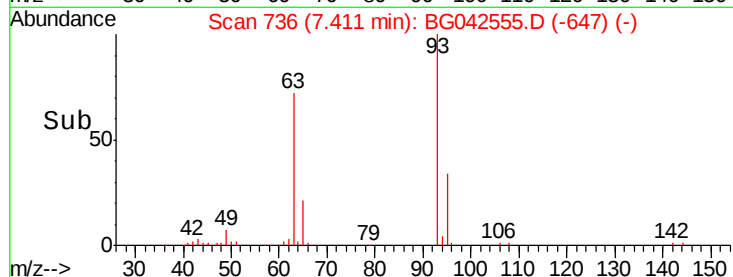
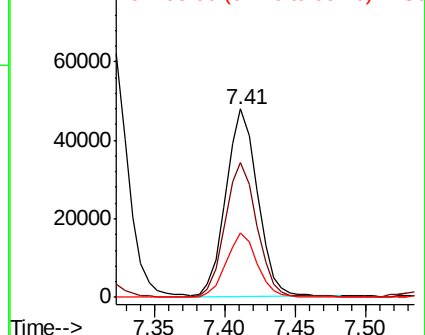
93 100

63 71.5 53.8 93.8

95 34.4 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.708 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

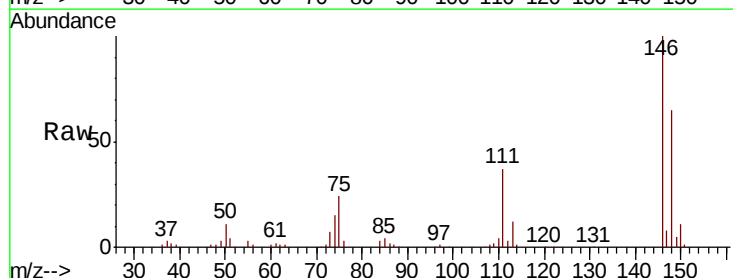
Tgt Ion: 146 Resp: 113805

Ion Ratio Lower Upper

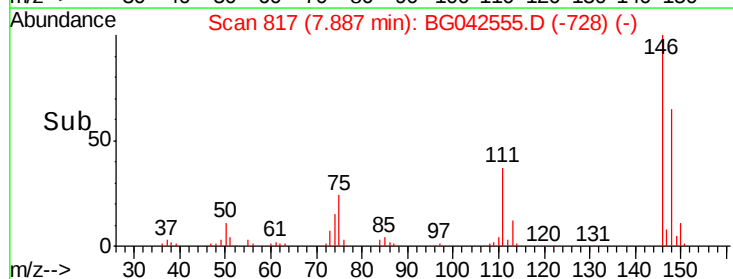
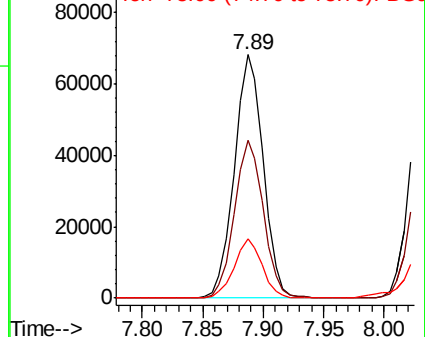
146 100

148 64.8 52.2 78.2

75 24.3 18.0 27.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

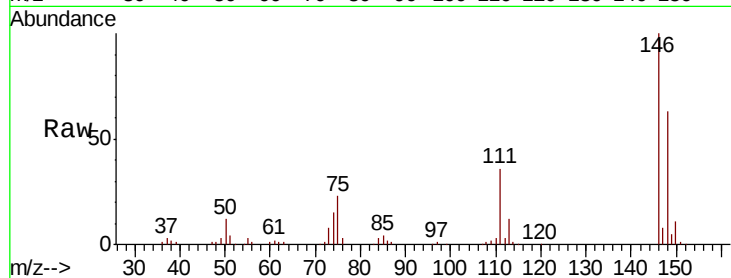




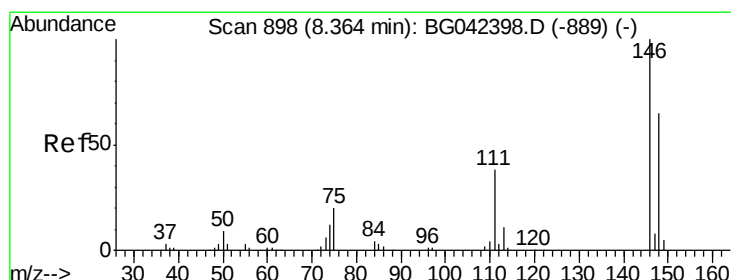
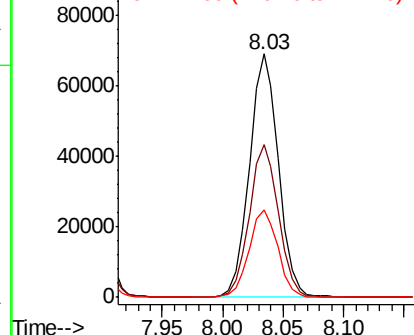
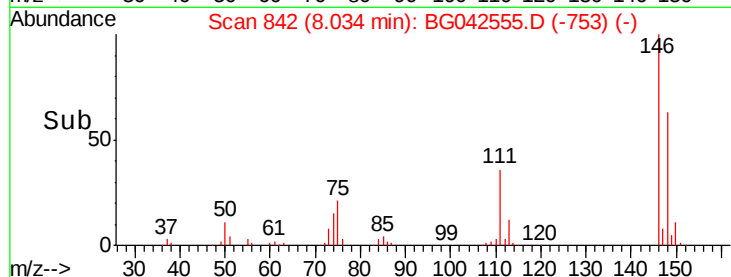
#13
 1,4-Dichlorobenzene
 Concen: 40.643 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	49.5	74.3
111	35.9	28.1	42.1

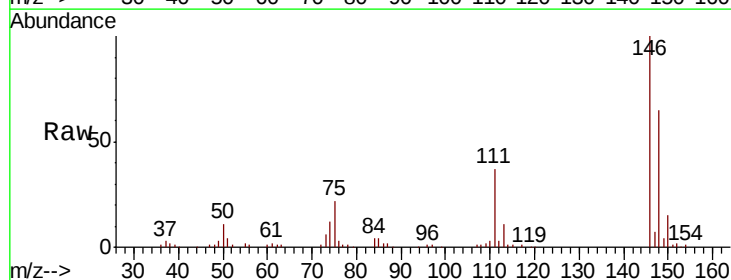


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

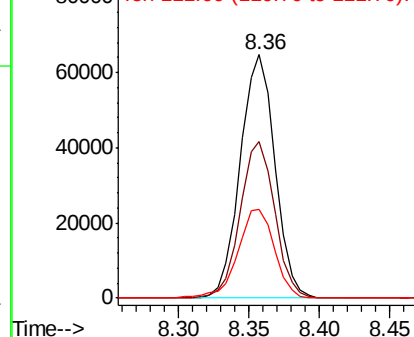
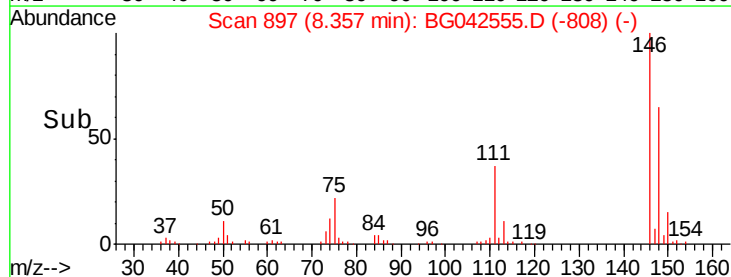


#14
 1,2-Dichlorobenzene
 Concen: 40.971 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.6
111	36.6	30.9	46.3



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





#15

Benzyl Alcohol

Concen: 39.971 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

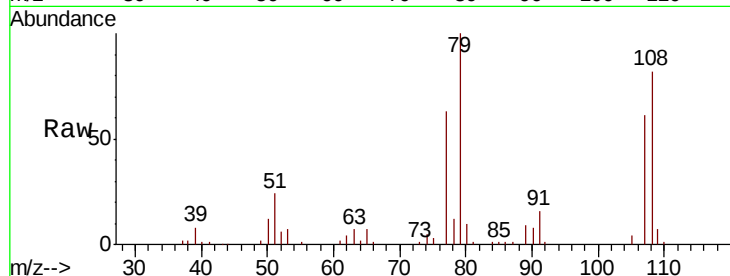
Tot Ion: 79 Resp: 70437

Ion Ratio Lower Upper

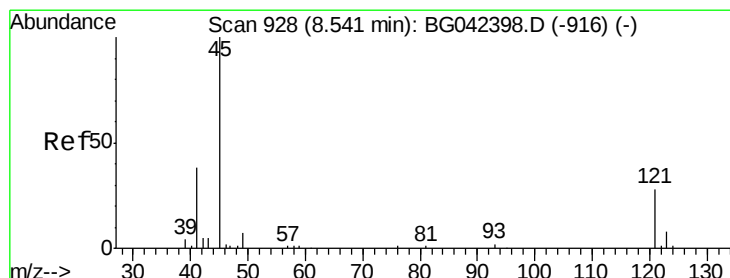
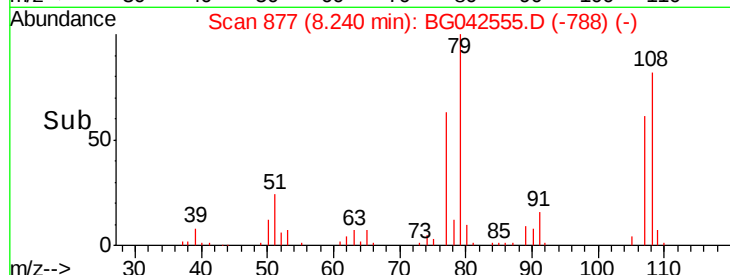
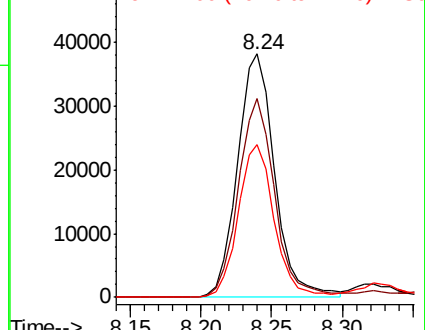
79 100

108 81.6 67.4 101.2

77 62.7 50.8 76.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.613 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

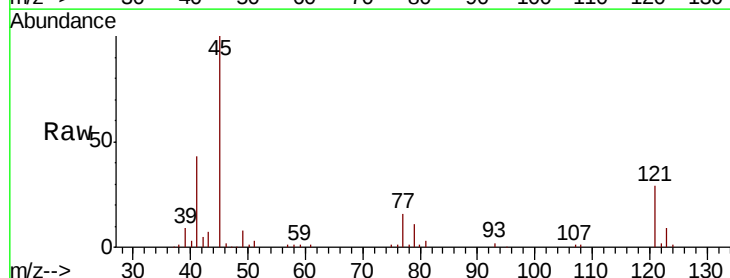
Tgt Ion: 45 Resp: 99709

Ion Ratio Lower Upper

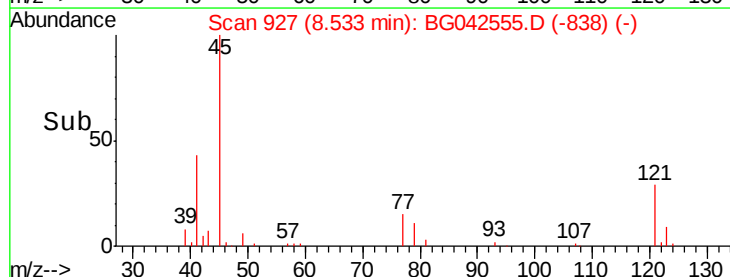
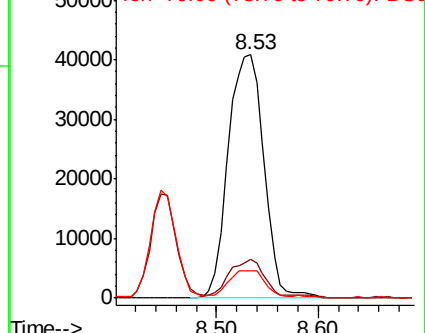
45 100

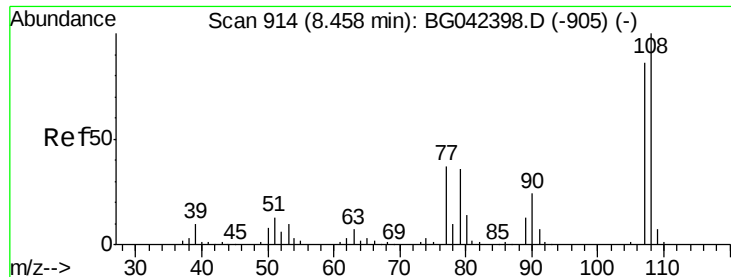
77 15.7 0.0 35.6

79 11.4 0.0 31.6



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

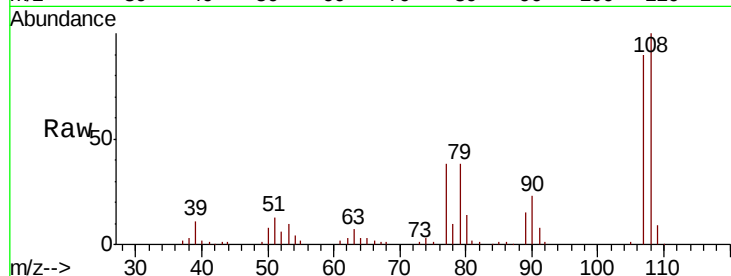




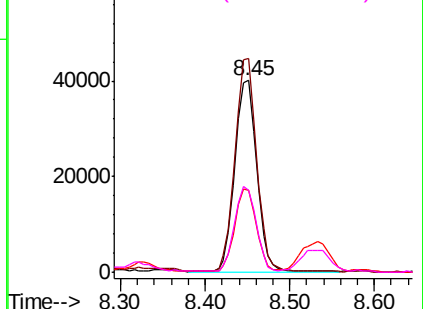
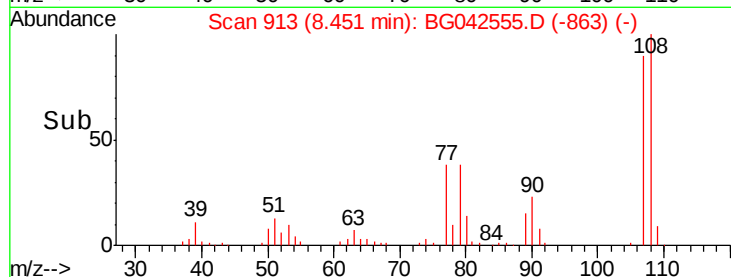
#17
2-Methylphenol
Concen: 39.509 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042555.D
Acq: 29 Aug 2019 8:29

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	72472
Ion	Ratio	Lower	Upper
107	100		
108	111.3	92.9	139.3
77	42.8	34.4	51.6
79	42.4	33.8	50.6

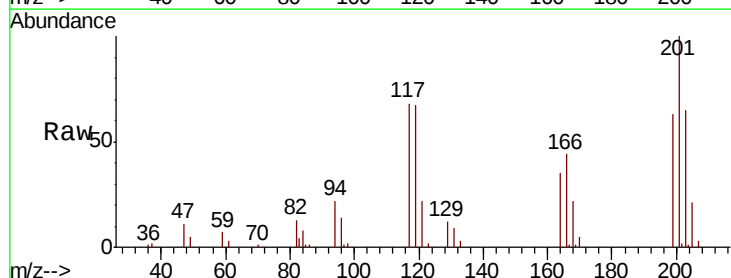


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

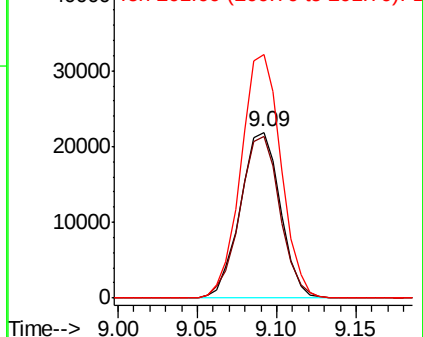
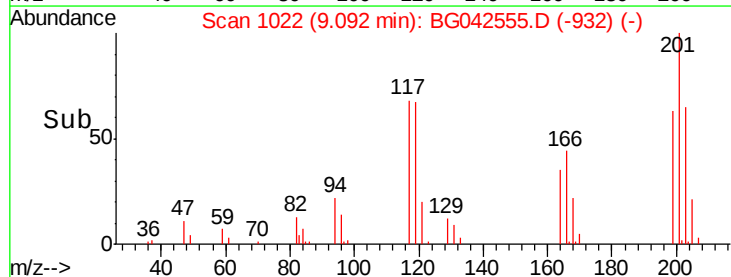


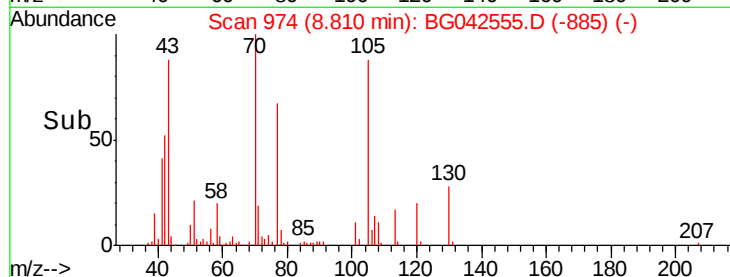
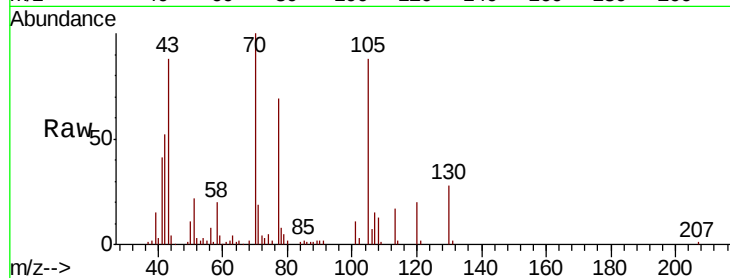
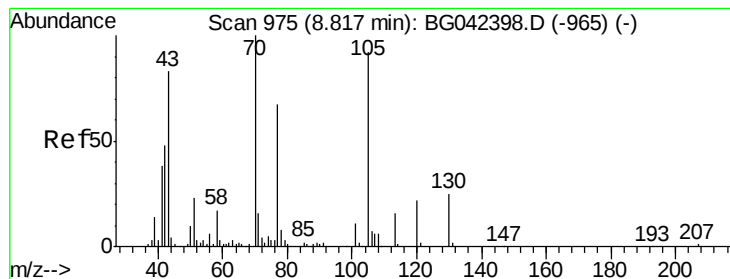
#18
Hexachloroethane
Concen: 39.596 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG042555.D
Acq: 29 Aug 2019 8:29

Tgt Ion:	117	Resp:	38386
Ion	Ratio	Lower	Upper
117	100		
119	97.6	73.8	110.8
201	146.8	108.3	162.5



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: 38.200 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 60618

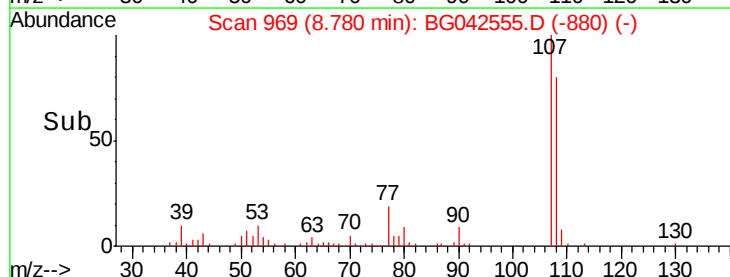
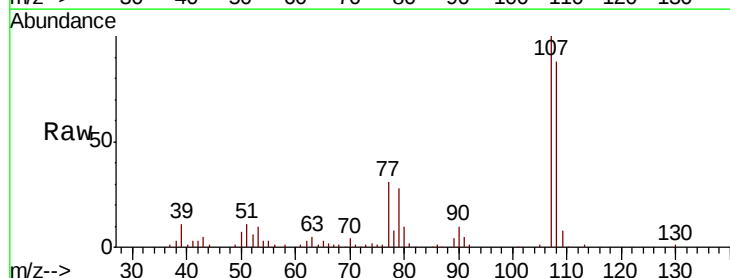
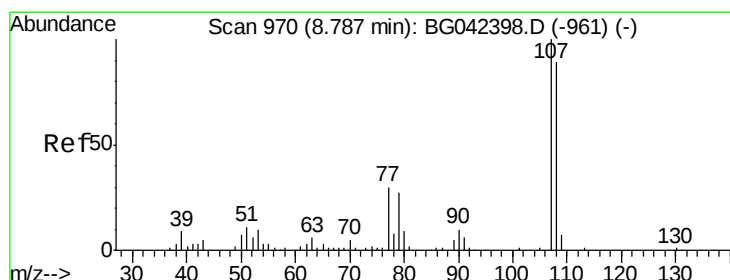
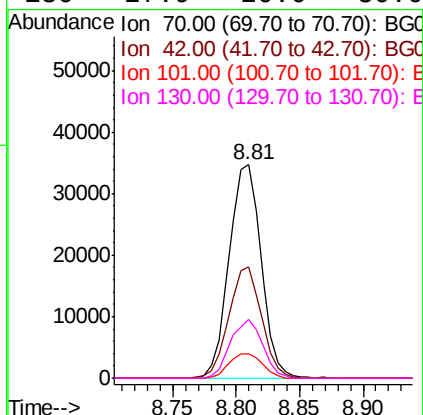
Ion Ratio Lower Upper

70 100

42 52.0 38.8 58.2

101 11.3 9.0 13.6

130 27.9 20.0 30.0



#20

3+4-Methylphenols

Concen: 38.448 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Tgt Ion: 107 Resp: 97590

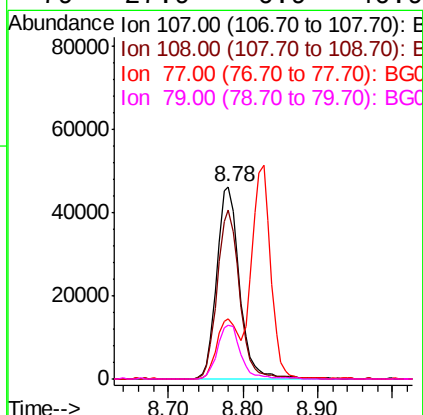
Ion Ratio Lower Upper

107 100

108 87.9 68.7 108.7

77 31.2 10.2 50.2

79 27.9 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 150294

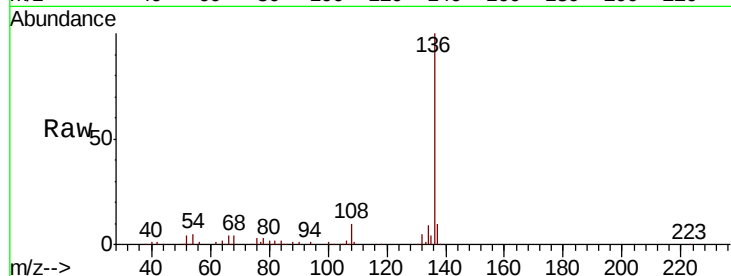
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.3 4.9 7.3

68 4.0 3.6 5.4

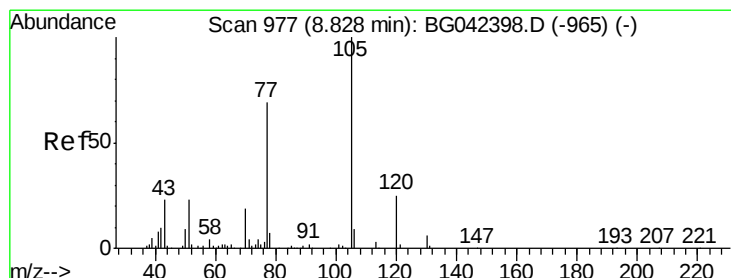
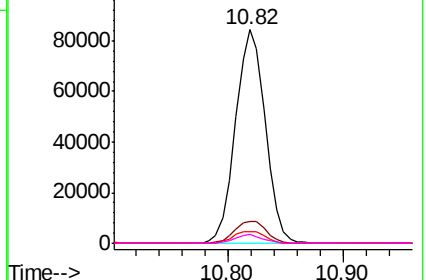
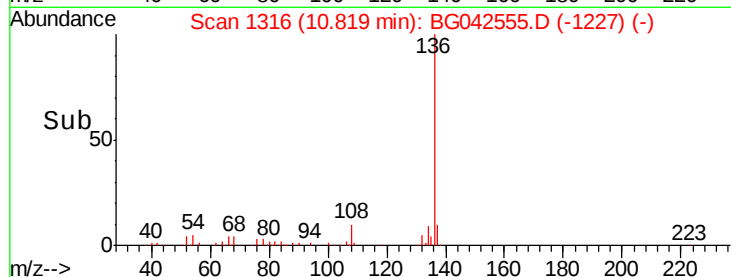


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.907 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Tgt Ion:105 Resp: 131497

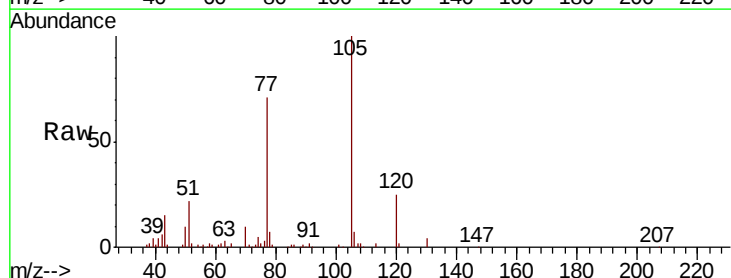
Ion Ratio Lower Upper

105 100

71 1.5 2.8 4.2#

51 22.4 18.7 28.1

120 24.6 20.1 30.1

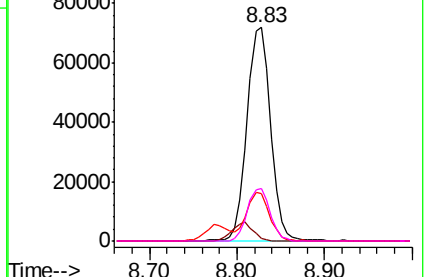
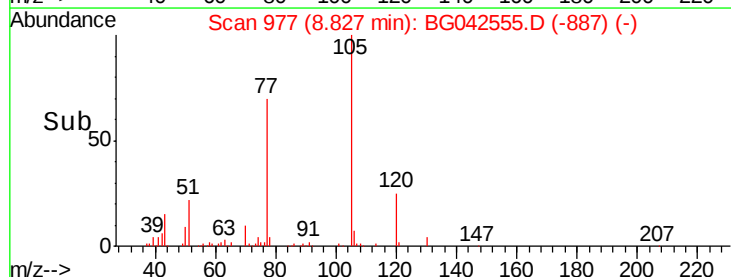


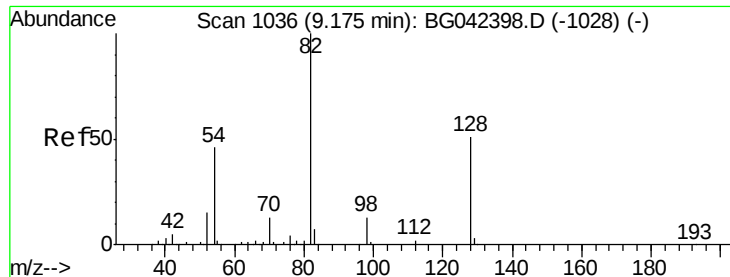
Abundance Ion 105.00 (104.70 to 105.70): E

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

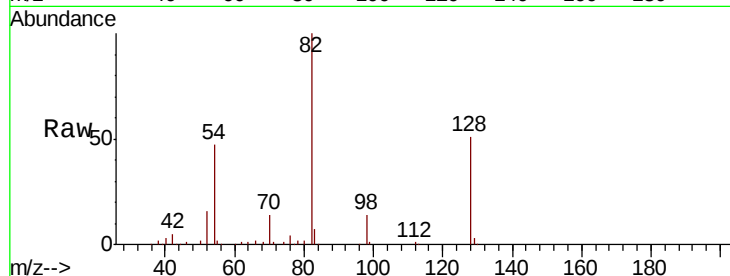




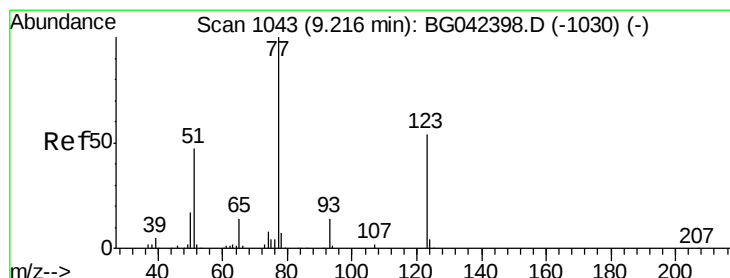
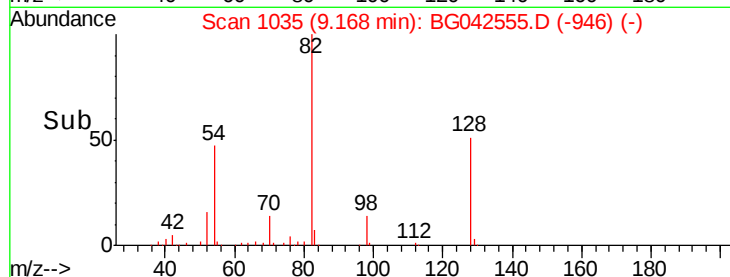
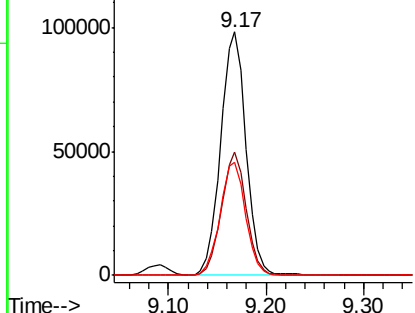
#23
Nitrobenzene-d5
Concen: 81.070 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042555.D
Acq: 29 Aug 2019 8:29

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	176319
Ion Ratio	Lower	Upper	
82	100		
128	50.8	40.7	61.1
54	46.7	36.3	54.5

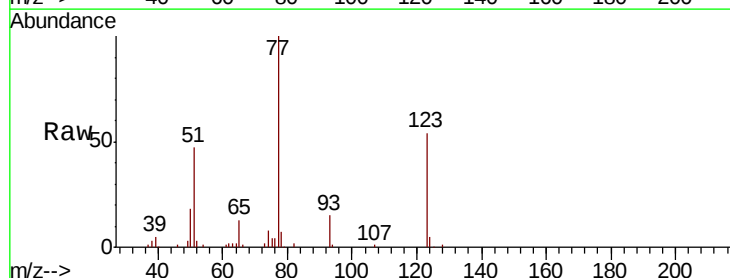


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

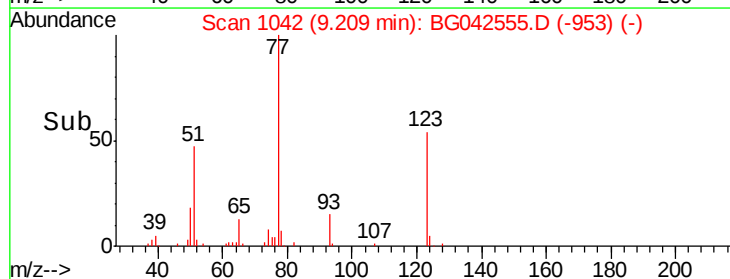
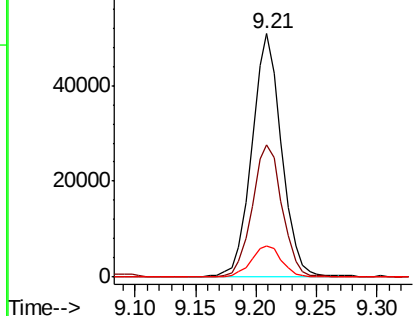


#24
Nitrobenzene
Concen: 39.439 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042555.D
Acq: 29 Aug 2019 8:29

Tgt Ion	77	Resp	86860
Ion Ratio	Lower	Upper	
77	100		
123	54.3	43.4	65.0
65	12.9	11.0	16.6



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: 38.825 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

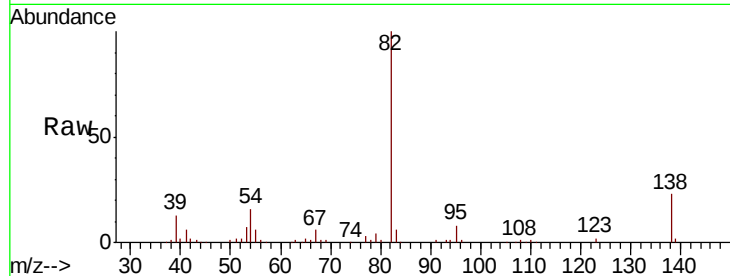
Tot Ion: 82 Resp: 166647

Ion Ratio Lower Upper

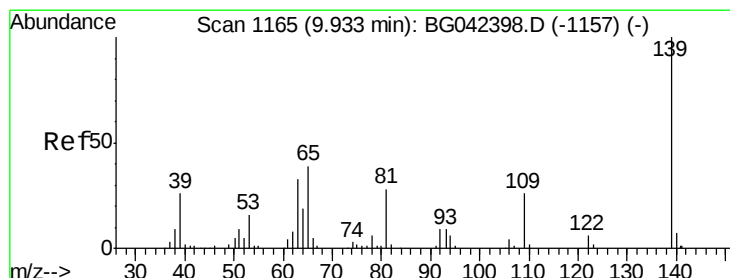
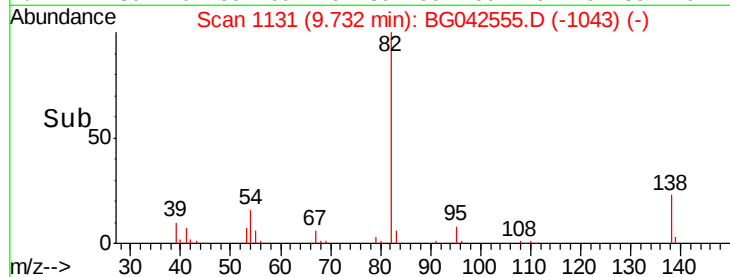
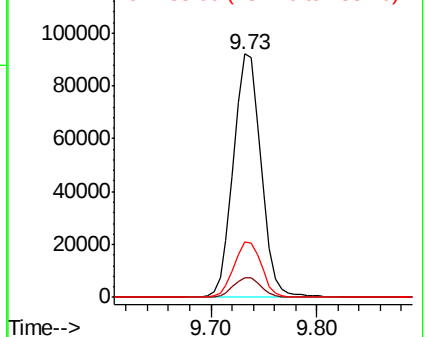
82 100

95 8.2 6.6 9.8

138 22.8 18.6 27.8



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: 40.056 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

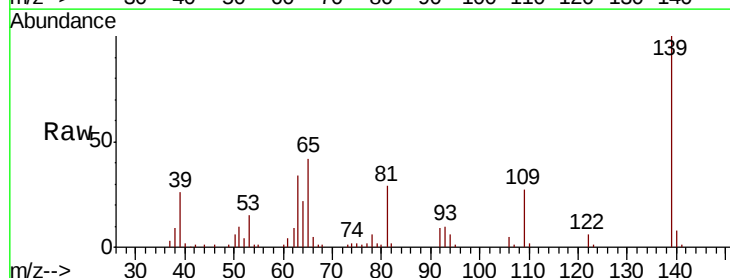
Tgt Ion: 139 Resp: 55284

Ion Ratio Lower Upper

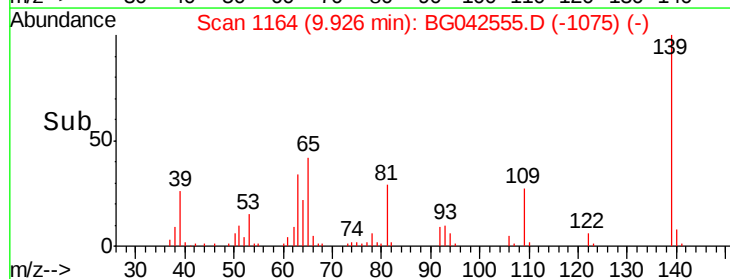
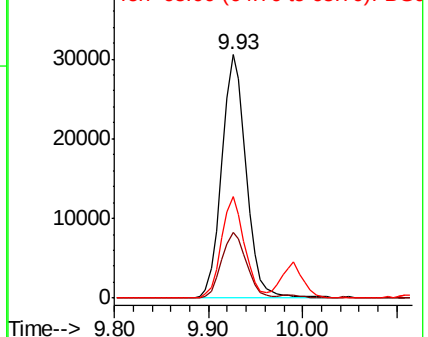
139 100

109 26.9 20.5 30.7

65 41.6 30.9 46.3



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

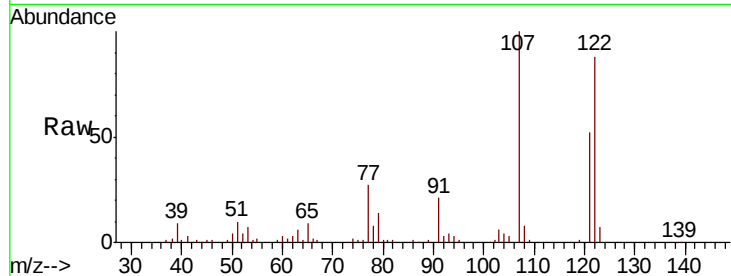




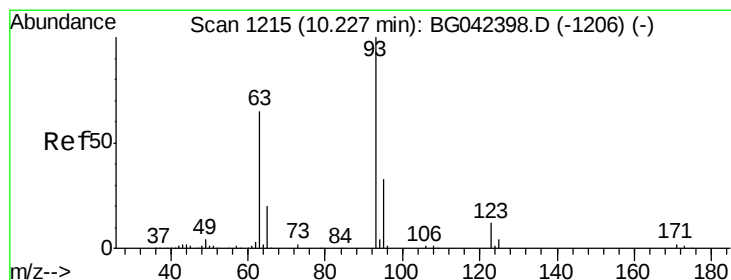
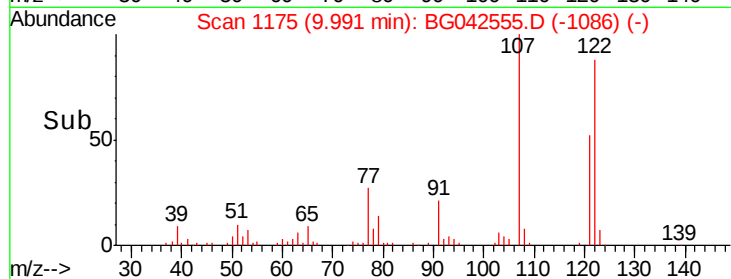
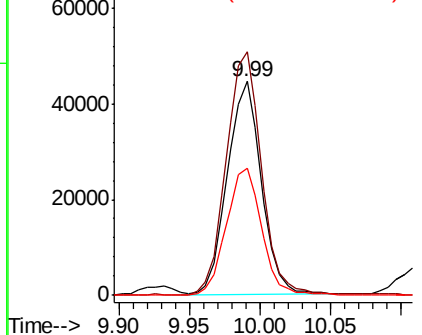
#27
 2,4-Dimethylphenol
 Concen: 39.425 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 74954
 Ion Ratio Lower Upper
 122 100
 107 114.0 90.8 136.2
 121 59.8 49.6 74.4

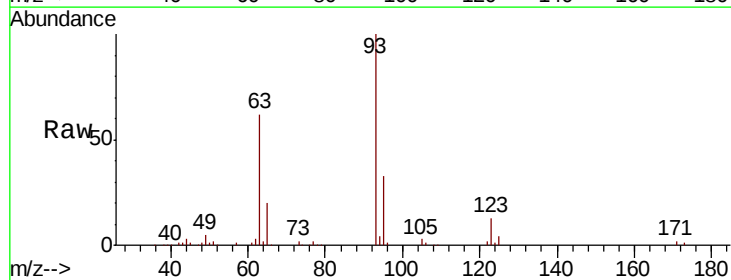


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

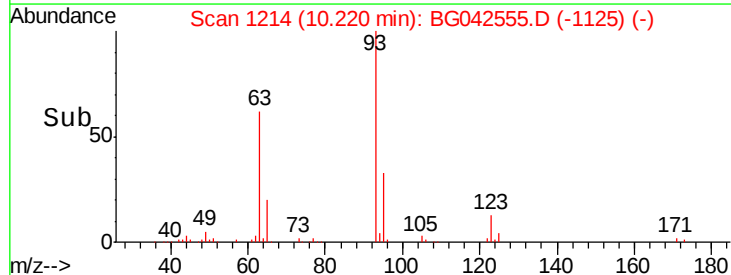
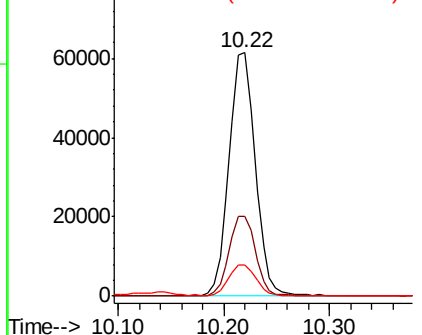


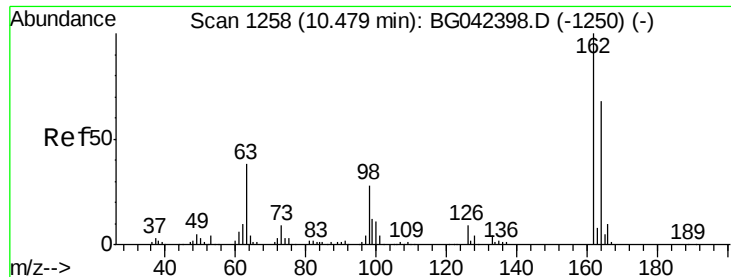
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.202 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

Tgt Ion: 93 Resp: 106053
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.6 40.0
 123 12.9 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

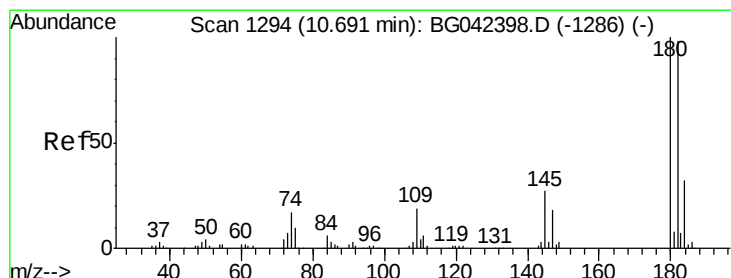
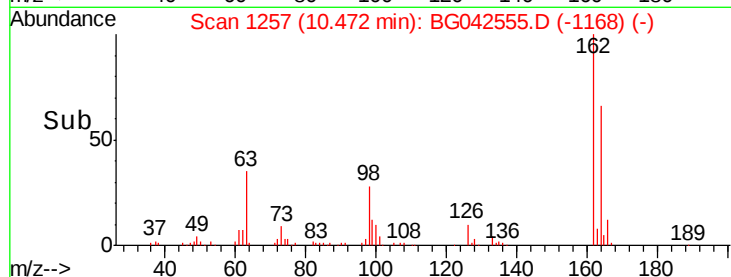
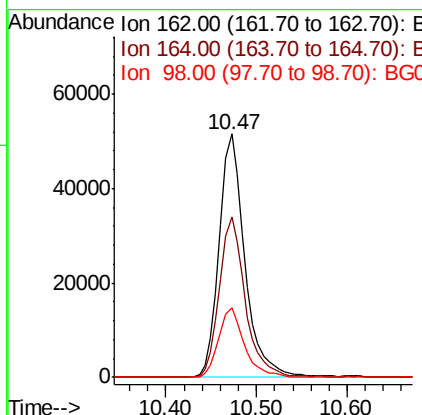
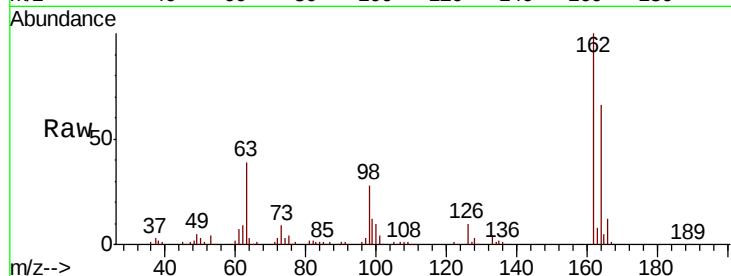




#29
2,4-Dichlorophenol
Concen: 40.931 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG042555.D
Acq: 29 Aug 2019 8:29

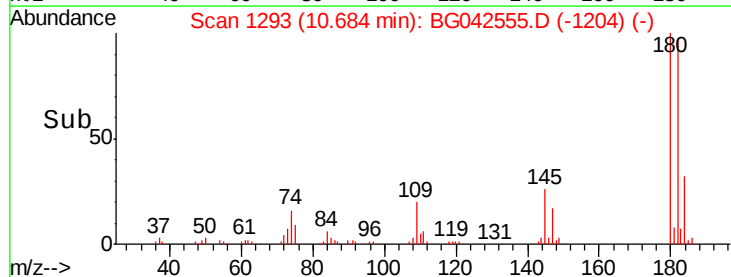
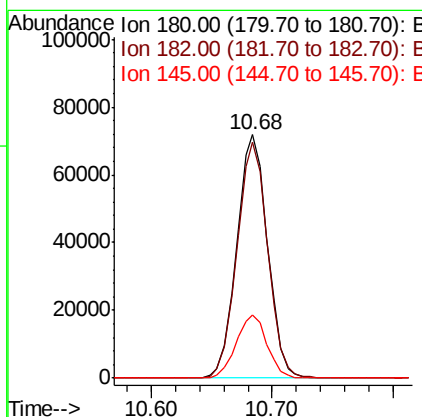
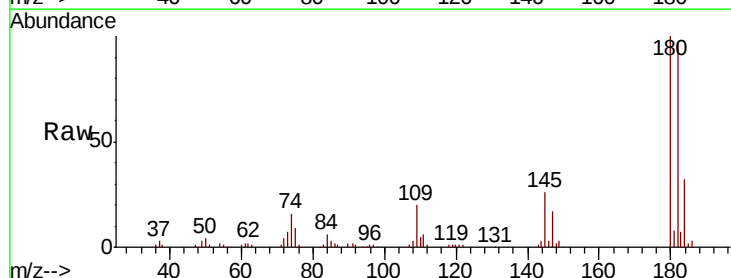
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

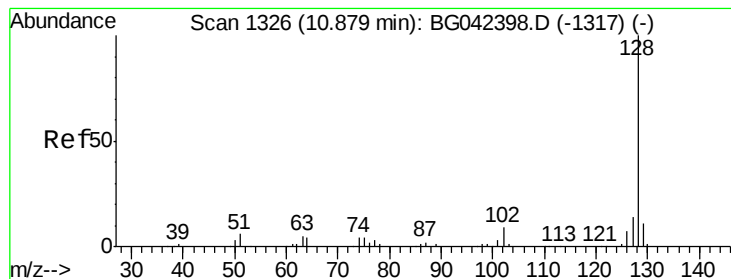
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	48.1	88.1
98	28.4	7.6	47.6



#30
1,2,4-Trichlorobenzene
Concen: 41.611 ng
RT: 10.68 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG042555.D
Acq: 29 Aug 2019 8:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	78.7	118.1
145	25.9	21.6	32.4





#31

Naphthalene

Concen: 40.321 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

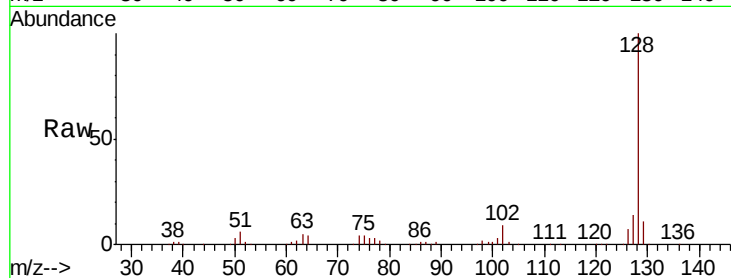
Tot Ion:128 Resp: 281354

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

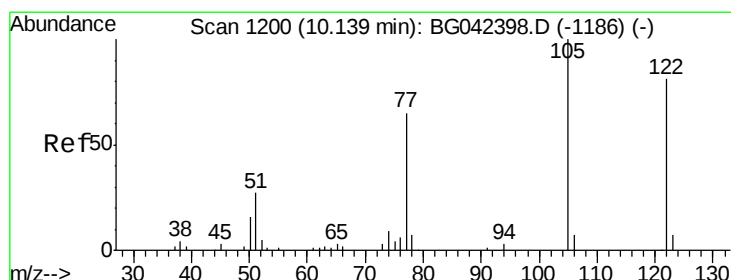
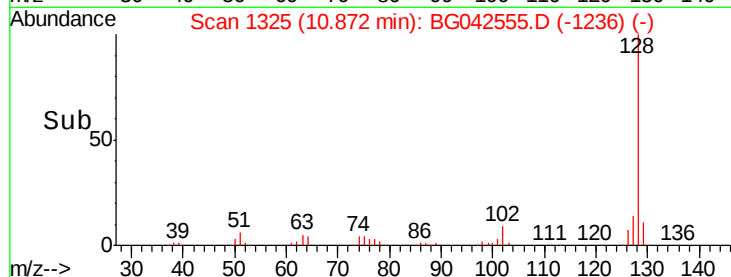
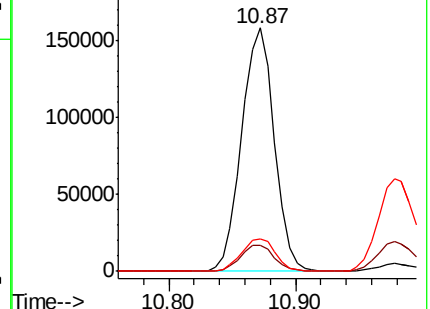
127 13.6 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.957 ng

RT: 10.14 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

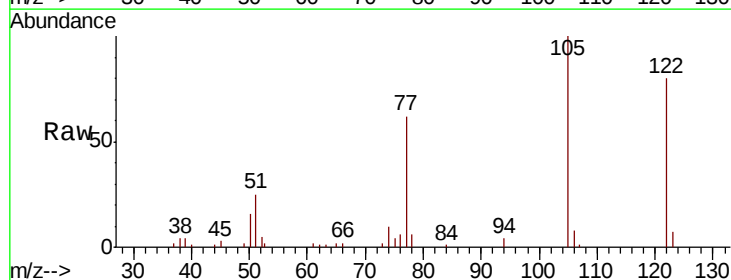
Tgt Ion:122 Resp: 41217

Ion Ratio Lower Upper

122 100

105 125.1 99.6 139.6

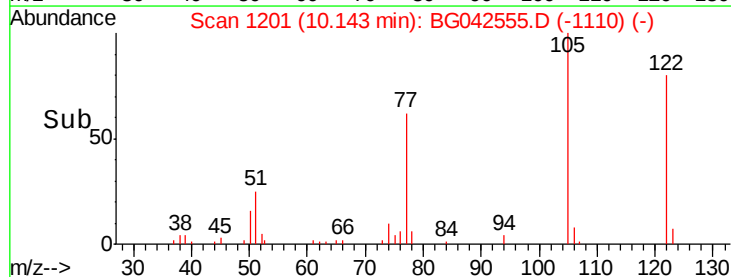
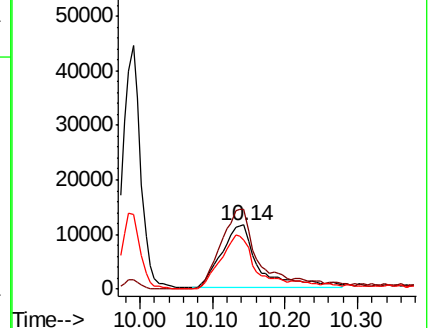
77 77.6 59.5 99.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

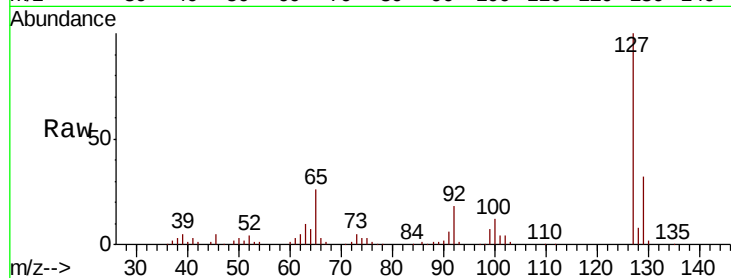




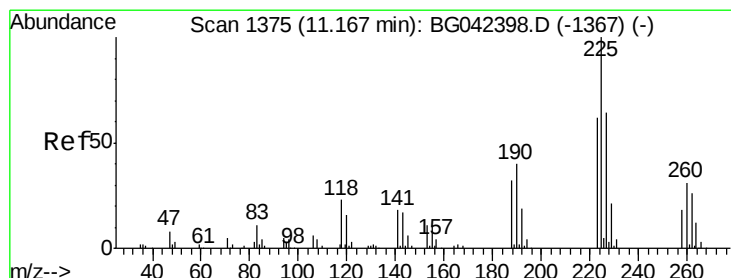
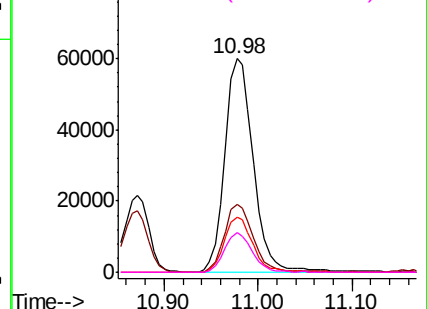
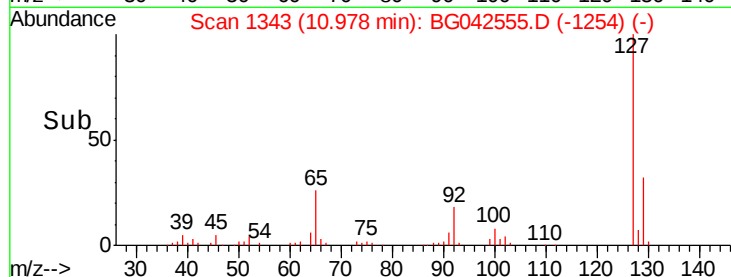
#33
4-Chloroaniline
Concen: 39.253 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042555.D
Acq: 29 Aug 2019 8:29

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	126438
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.8	40.2
65	25.8	20.7	31.1
92	18.3	13.6	20.4

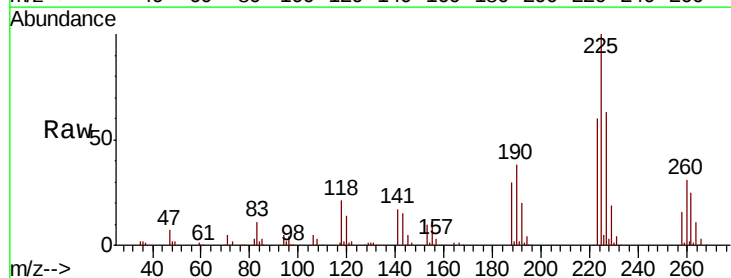


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

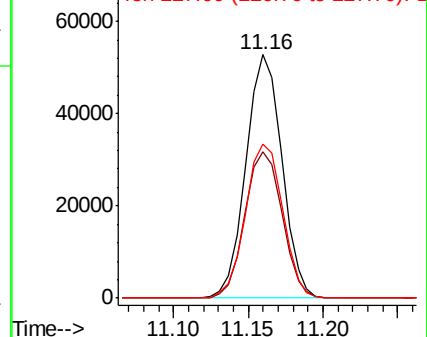
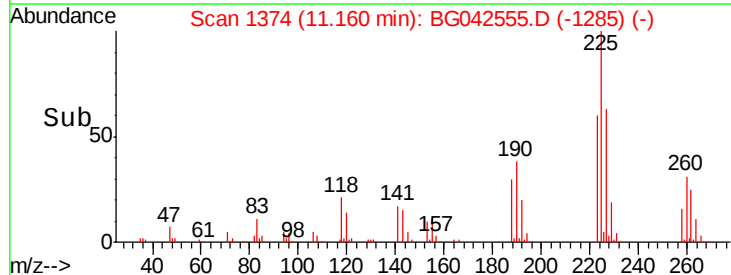


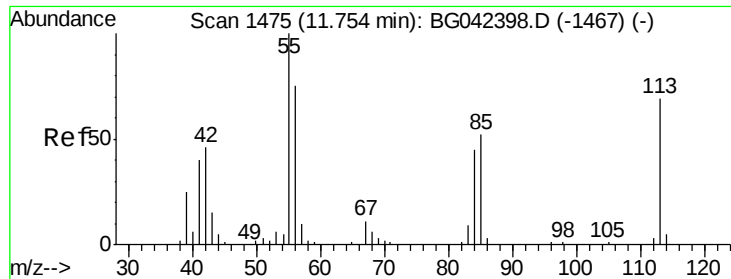
#34
Hexachlorobutadiene
Concen: 42.974 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042555.D
Acq: 29 Aug 2019 8:29

Tgt Ion:	225	Resp:	88178
Ion	Ratio	Lower	Upper
225	100		
223	60.2	49.8	74.6
227	63.5	50.9	76.3



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





#35

Caprolactam

Concen: 36.771 ng

RT: 11.75 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

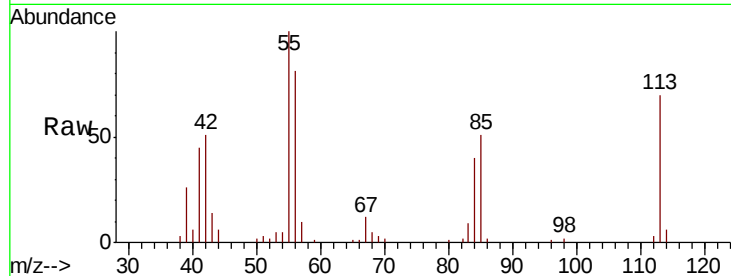
Tot Ion:113 Resp: 30520

Ion Ratio Lower Upper

113 100

55 143.3 124.6 164.6

56 116.0 88.3 128.3

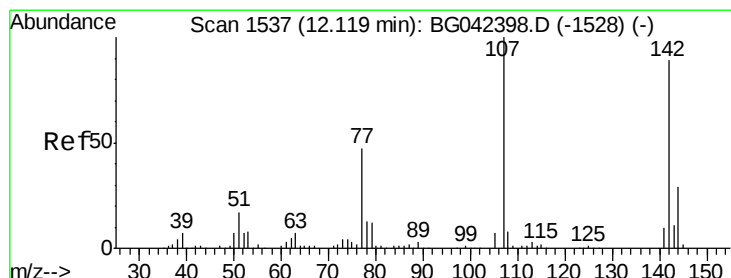
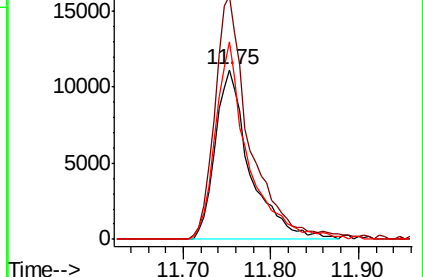
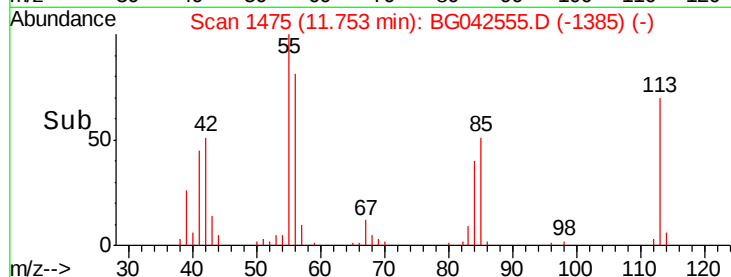


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG

Time-->



#36

4-Chloro-3-methylphenol

Concen: 38.784 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

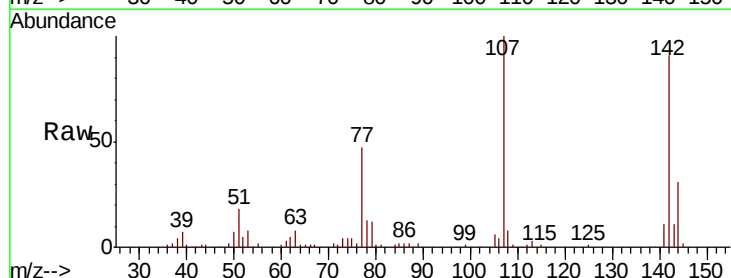
Tgt Ion:107 Resp: 91580

Ion Ratio Lower Upper

107 100

144 30.9 23.6 35.4

142 91.2 71.0 106.4

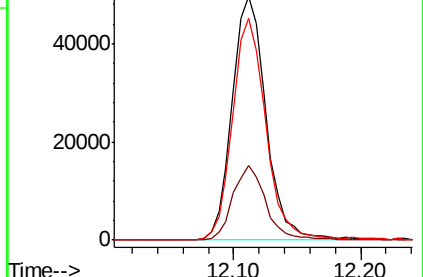
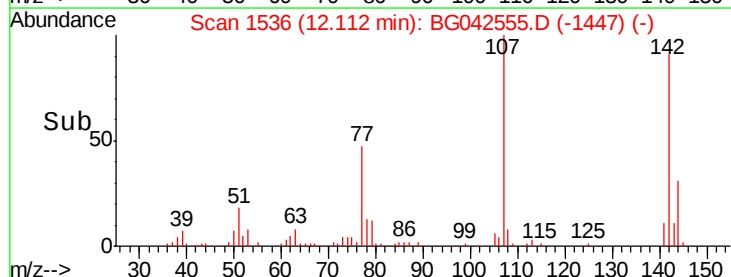


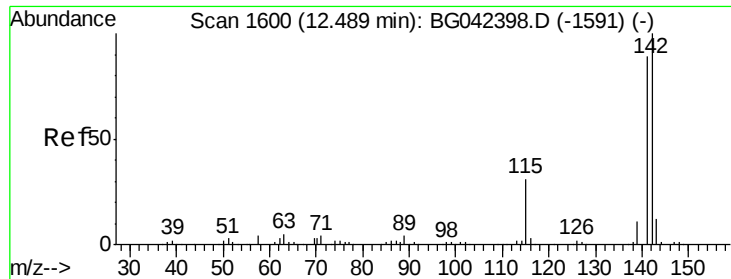
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->

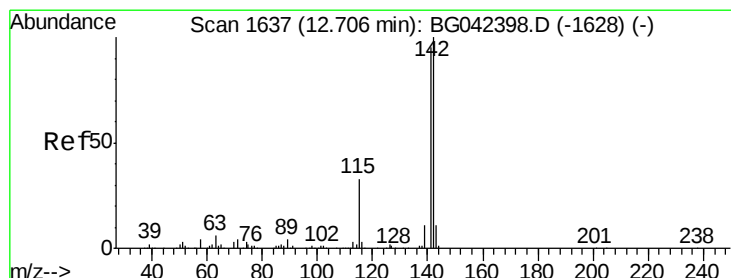
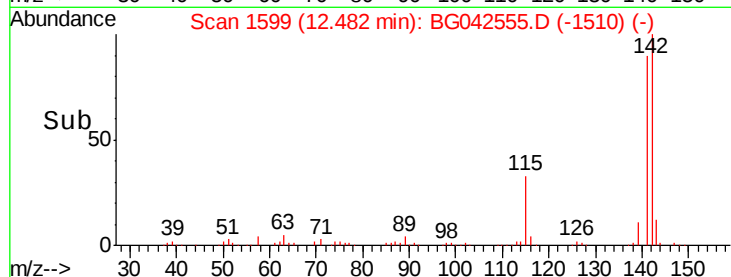
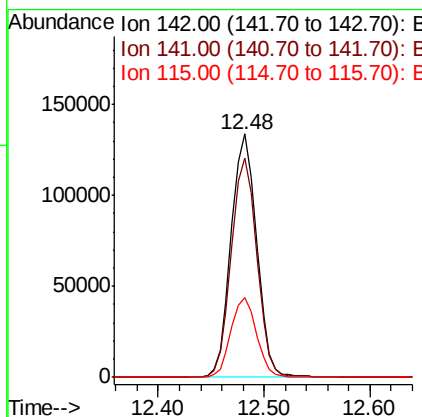
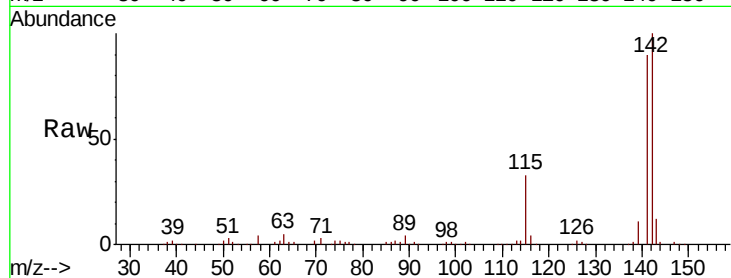




#37
 2-Methylnaphthalene
 Concen: 40.023 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

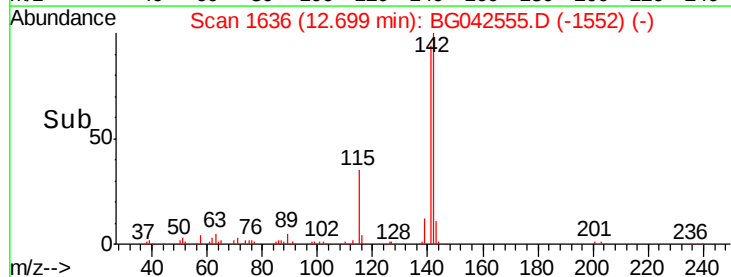
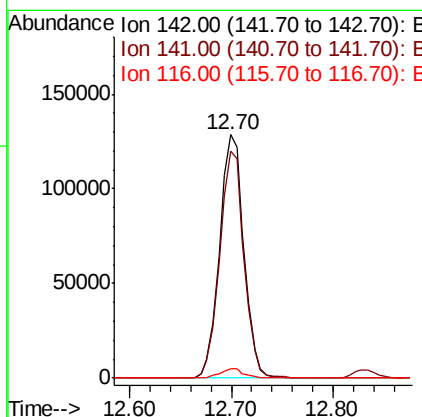
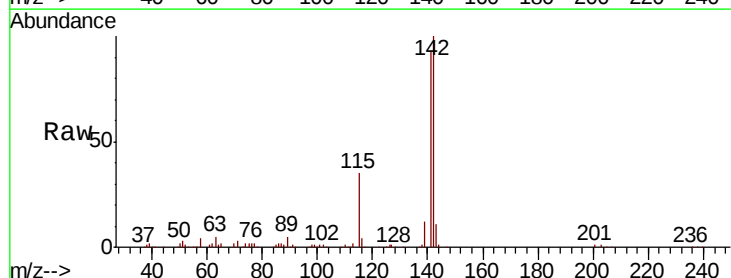
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

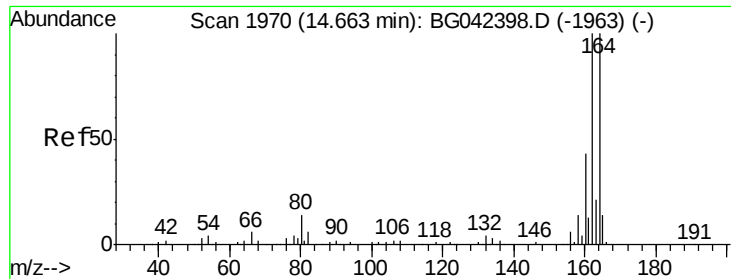
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	33.0	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 40.062 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	76.2	114.2
116	3.8	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

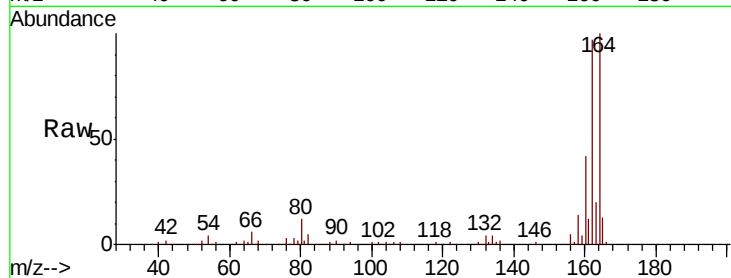
Tot Ion:164 Resp: 110095

Ion Ratio Lower Upper

164 100

162 97.1 79.9 119.9

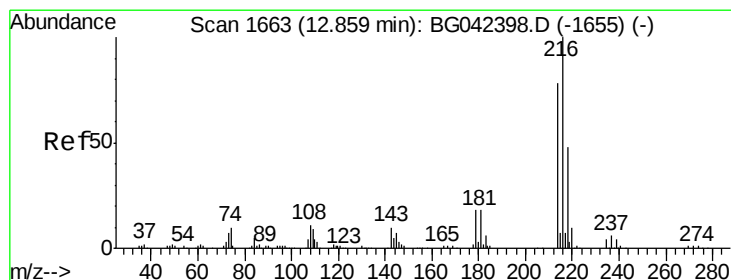
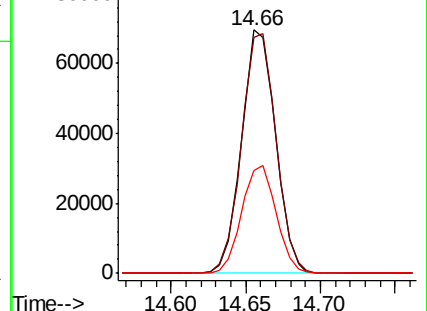
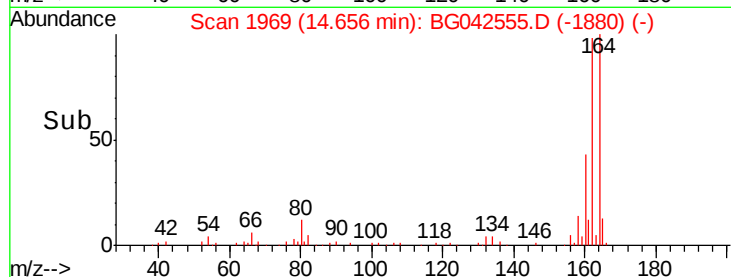
160 42.3 34.3 51.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.636 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Tgt Ion:216 Resp: 150742

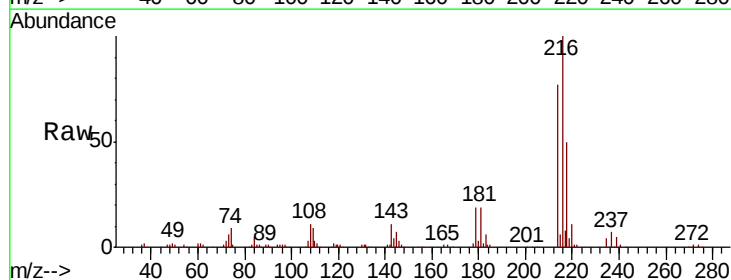
Ion Ratio Lower Upper

216 100

214 78.0 61.4 92.2

179 18.9 15.1 22.7

108 11.6 9.4 14.0

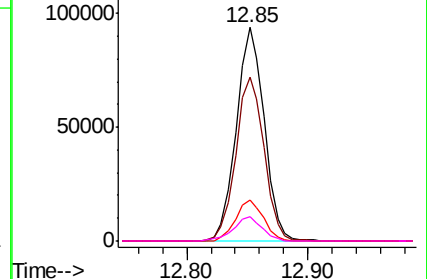
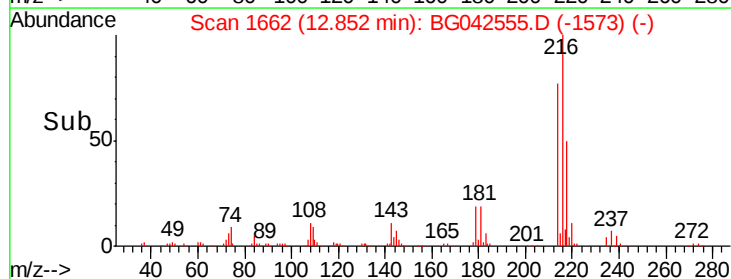


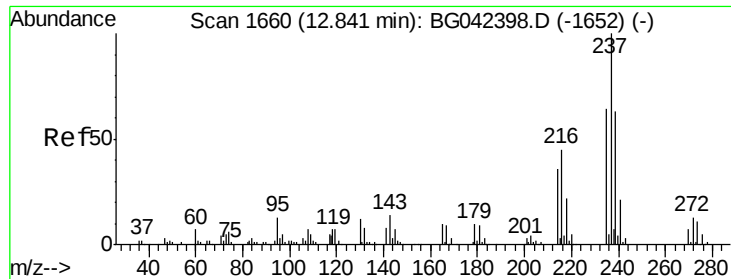
Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.030 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

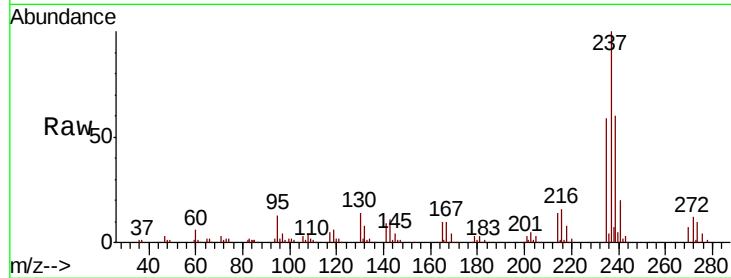
Tot Ion:237 Resp: 72485

Ion Ratio Lower Upper

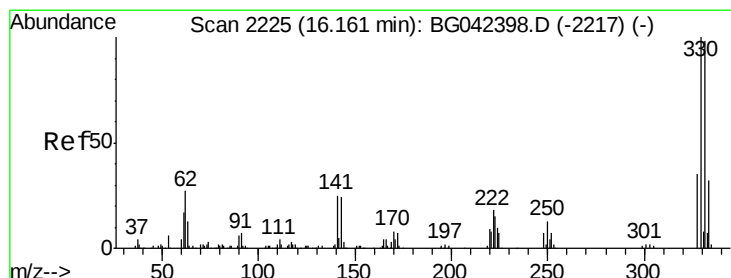
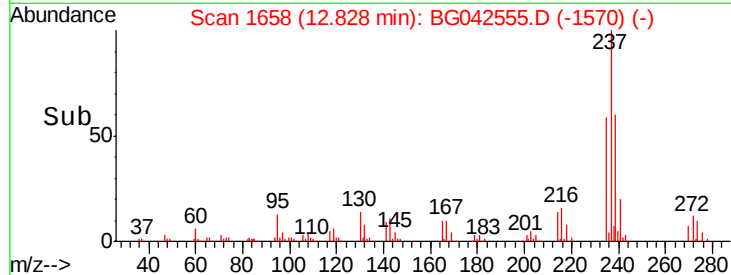
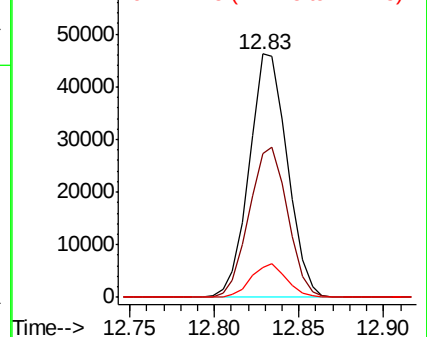
237 100

235 59.1 43.7 83.7

272 12.4 0.0 33.3



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: 82.700 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

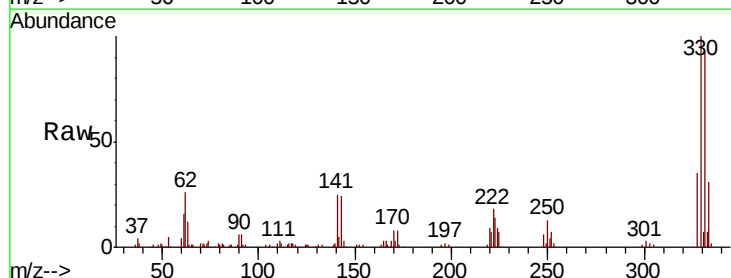
Tgt Ion:330 Resp: 129410

Ion Ratio Lower Upper

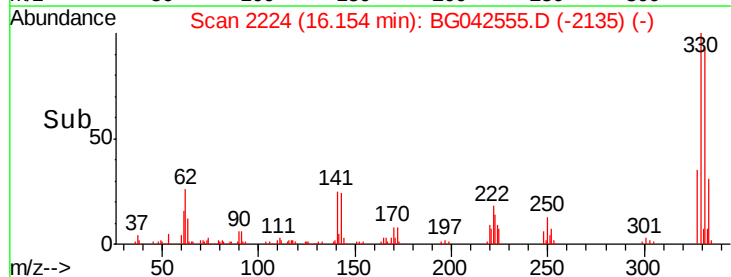
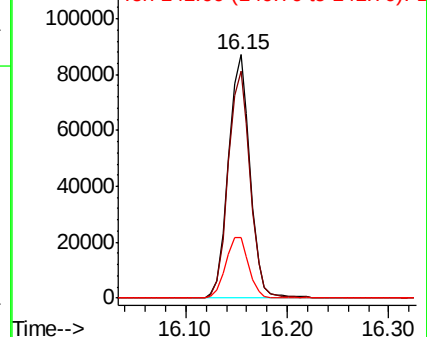
330 100

332 94.5 77.4 116.0

141 26.5 21.4 32.0



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

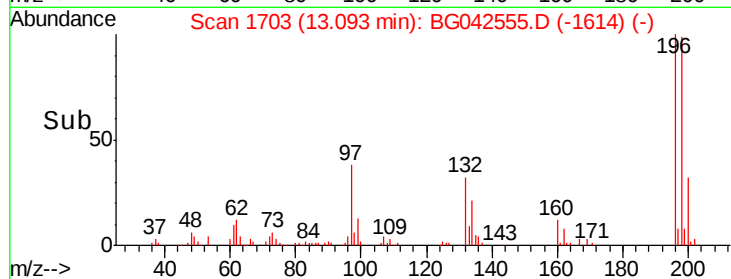
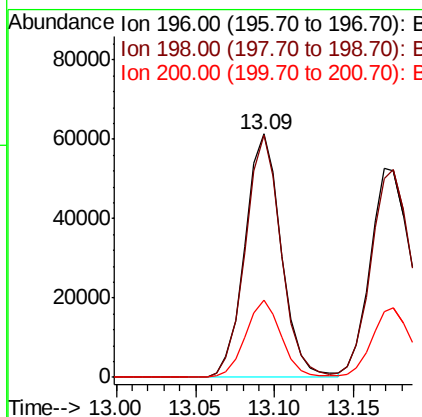
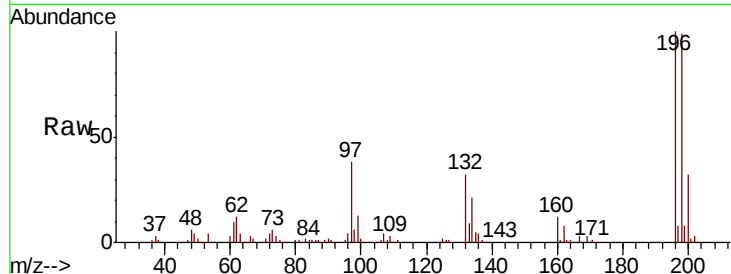




#43
 2,4,6-Trichlorophenol
 Concen: 40.854 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

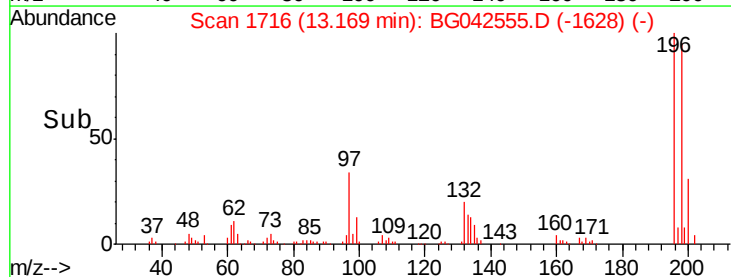
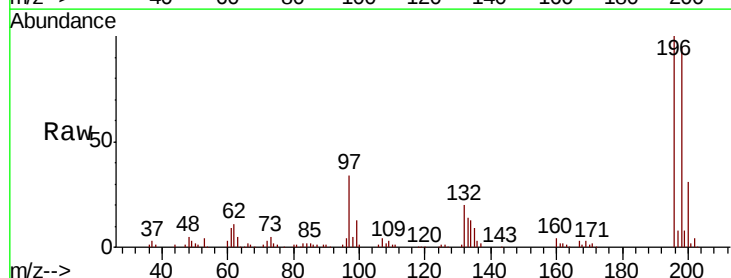
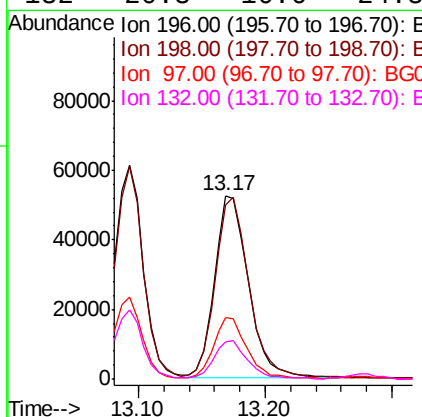
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

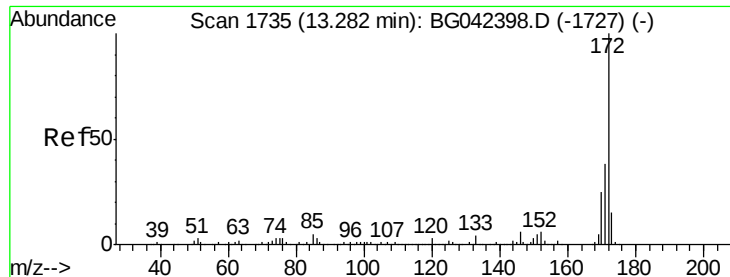
Tot Ion	196	Resp	97633
Ion	Ratio	Lower	Upper
196	100		
198	99.3	80.7	121.1
200	32.0	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 39.300 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

Tgt Ion	196	Resp	97328
Ion	Ratio	Lower	Upper
196	100		
198	94.7	80.2	120.4
97	33.7	26.3	39.5
132	20.3	16.6	24.8

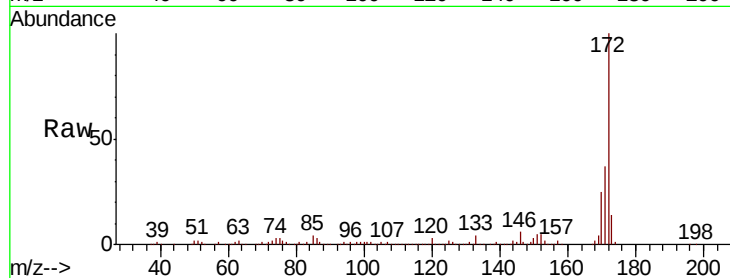




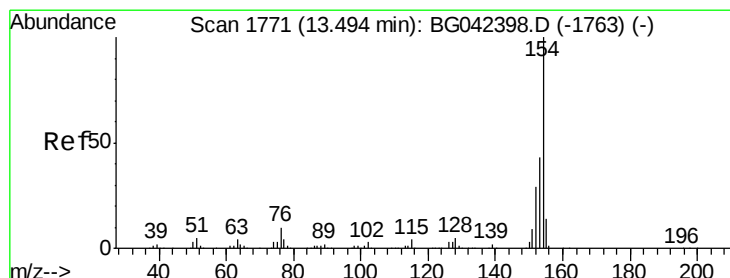
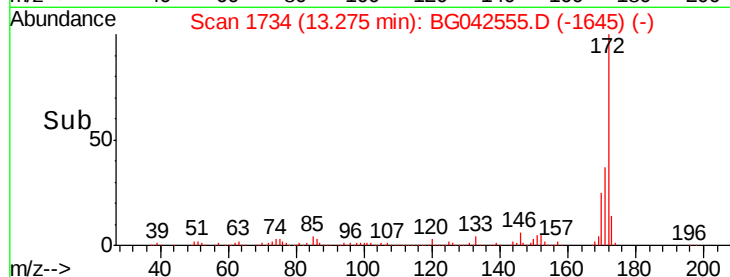
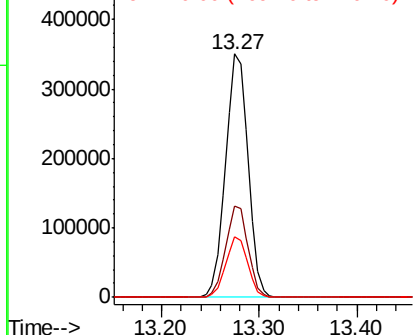
#45
 2-Fluorobiphenyl
 Concen: 86.177 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 560974
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.5 45.7
 170 24.7 20.2 30.2

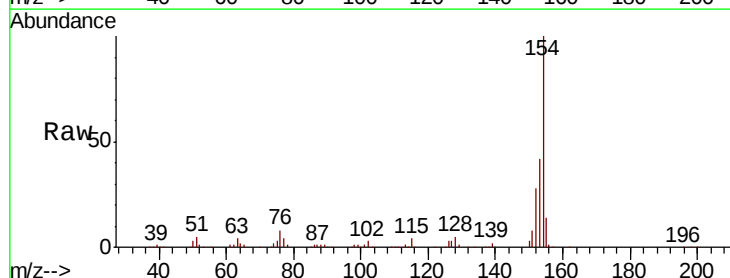


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

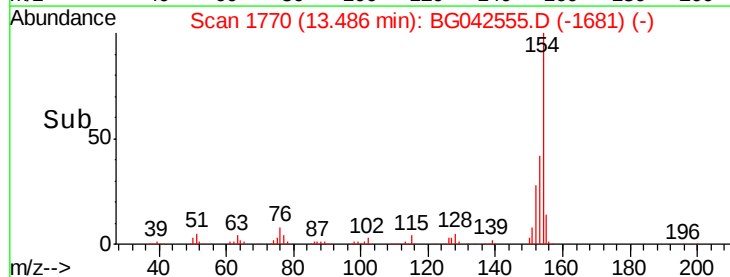
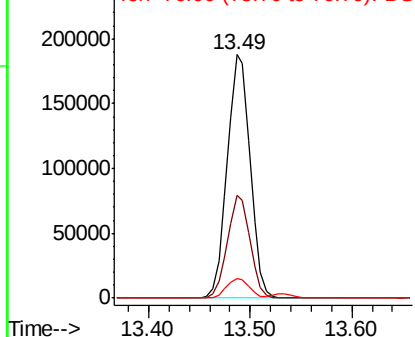


#46
 1,1'-Biphenyl
 Concen: 41.386 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

Tgt Ion:154 Resp: 294527
 Ion Ratio Lower Upper
 154 100
 153 42.1 23.0 63.0
 76 8.2 0.0 29.6



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: 41.566 ng

RT: 13.53 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

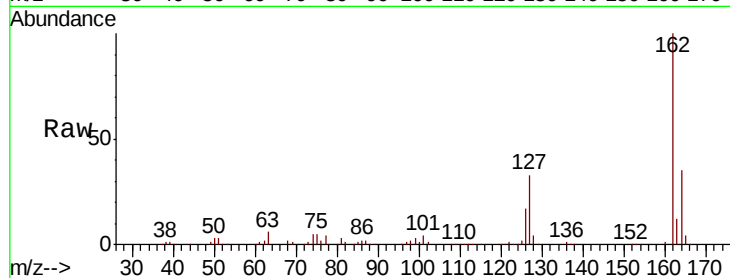
Tot Ion:162 Resp: 255064

Ion Ratio Lower Upper

162 100

127 33.1 26.0 39.0

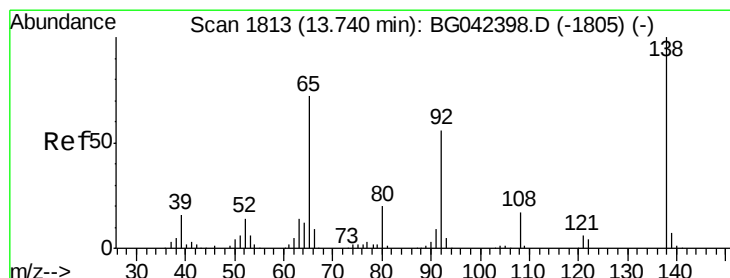
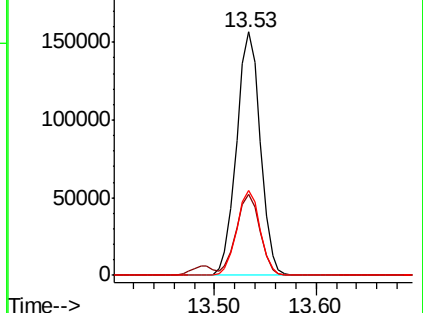
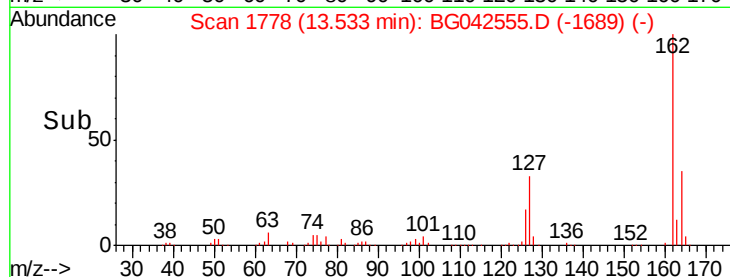
164 34.8 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.116 ng

RT: 13.73 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

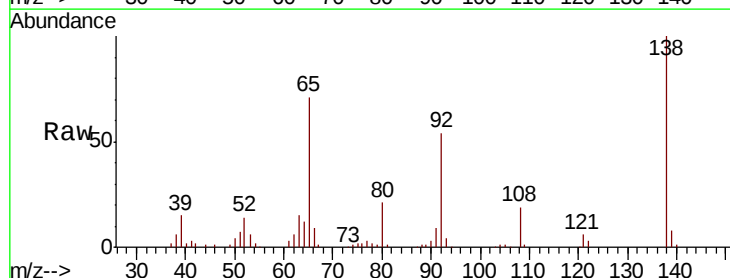
Tgt Ion: 65 Resp: 57882

Ion Ratio Lower Upper

65 100

92 76.2 61.8 92.6

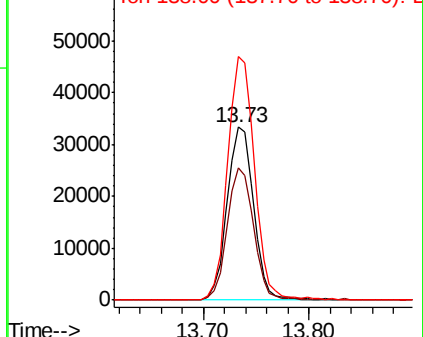
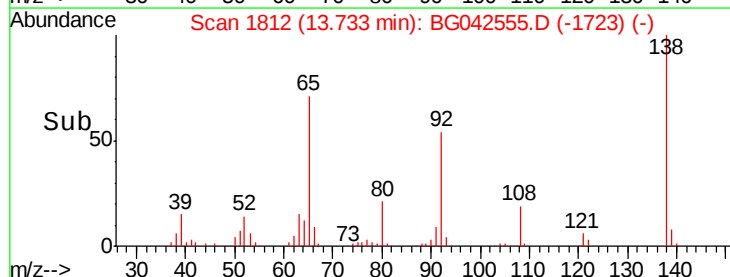
138 140.7 111.0 166.6

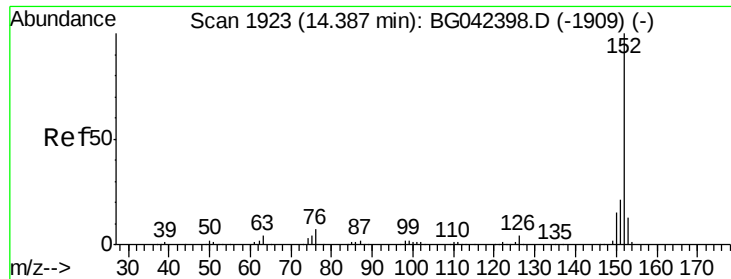


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.198 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

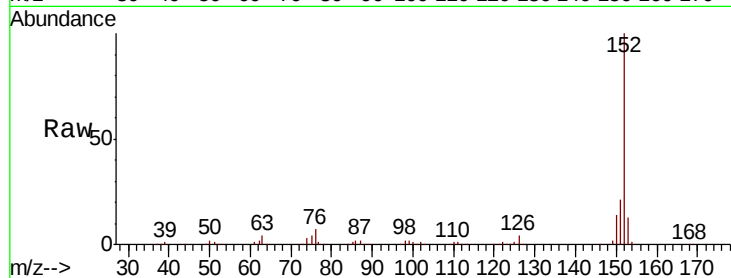
Tot Ion:152 Resp: 380338

Ion Ratio Lower Upper

152 100

151 20.6 17.0 25.4

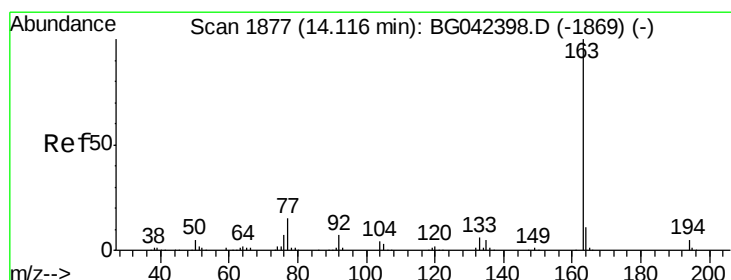
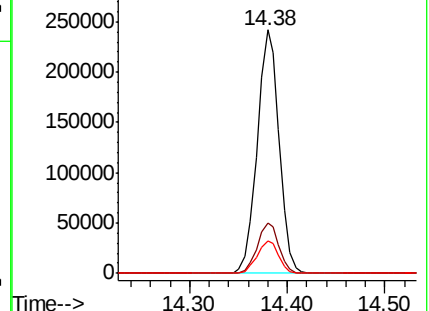
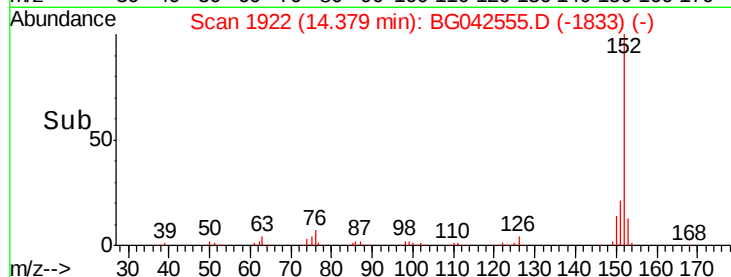
153 13.3 10.6 16.0



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: 41.097 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

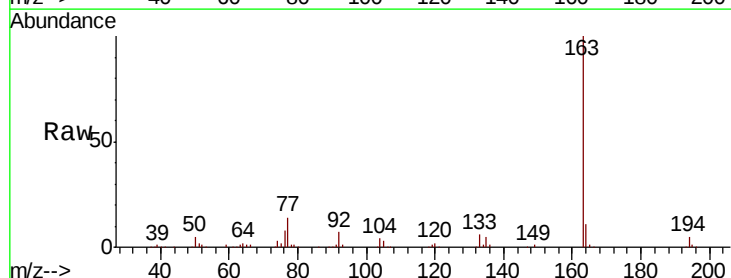
Tgt Ion:163 Resp: 326461

Ion Ratio Lower Upper

163 100

194 5.3 4.2 6.2

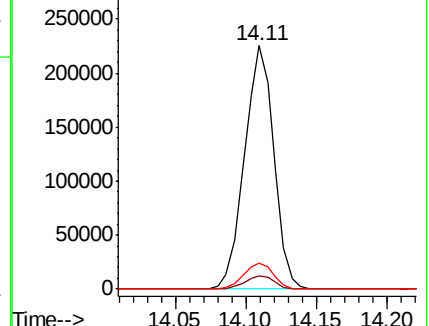
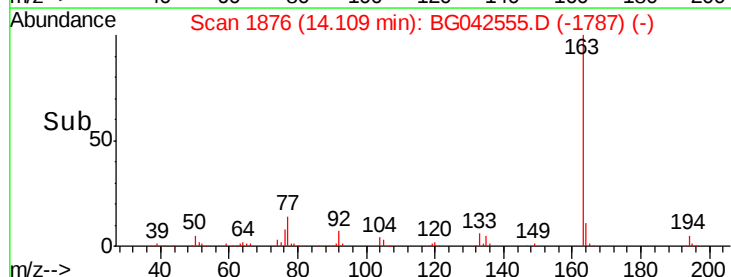
164 10.7 8.8 13.2

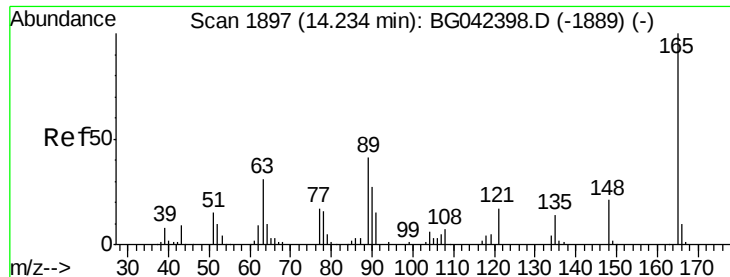


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

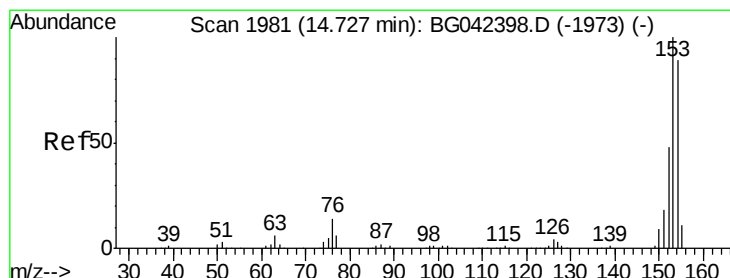
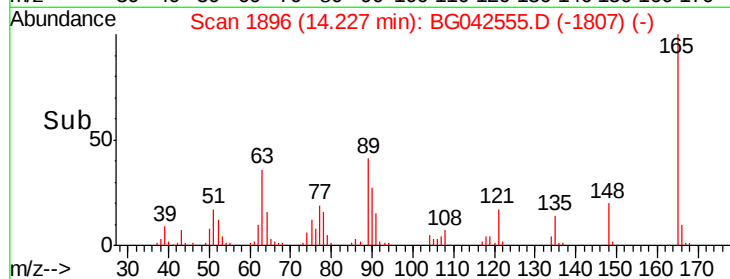
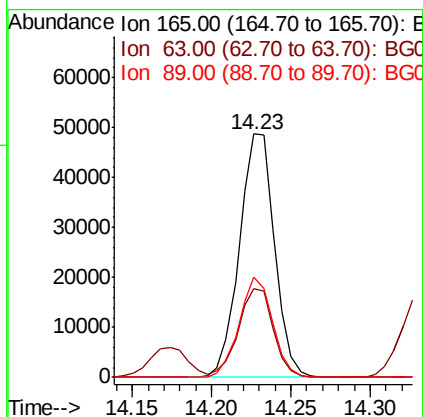
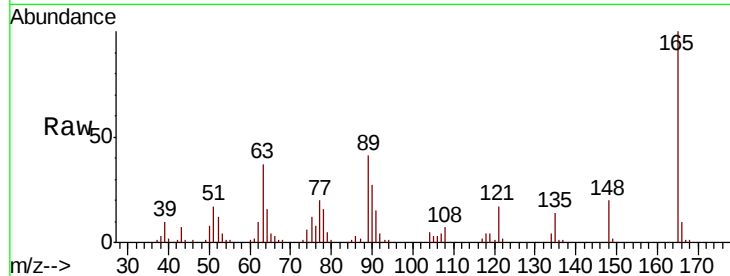




#51
 2,6-Dinitrotoluene
 Concen: 40.524 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

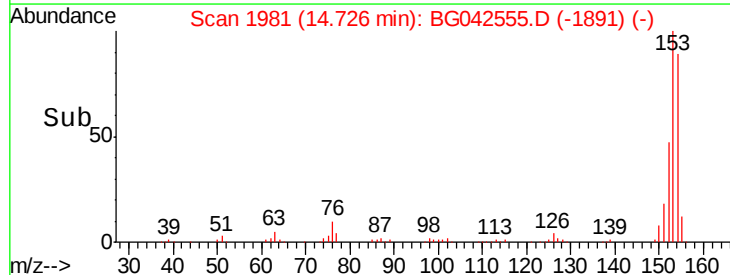
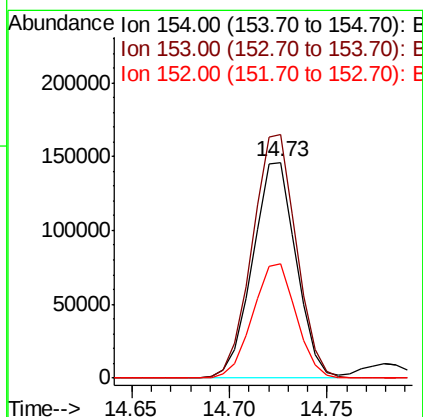
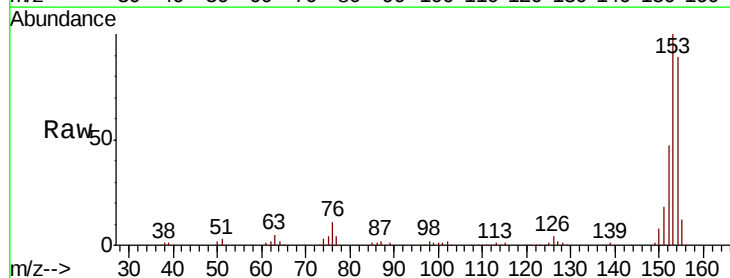
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.6	30.6	45.8
89	41.3	32.6	49.0



#52
 Acenaphthene
 Concen: 40.330 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.2	135.4
152	53.1	43.2	64.8





#53

3-Nitroaniline

Concen: 39.122 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

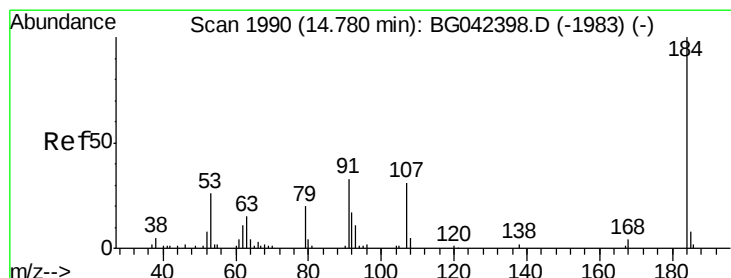
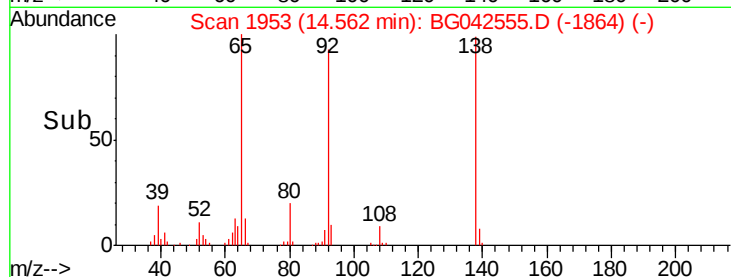
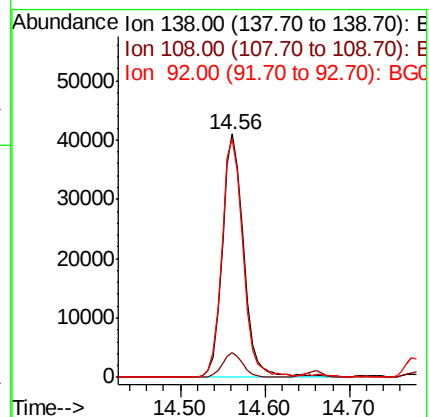
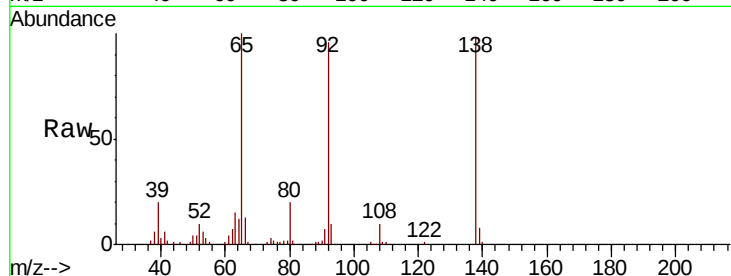
Tot Ion:138 Resp: 72043

Ion Ratio Lower Upper

138 100

108 10.0 8.3 12.5

92 97.8 78.2 117.4



#54

2,4-Dinitrophenol

Concen: 33.348 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

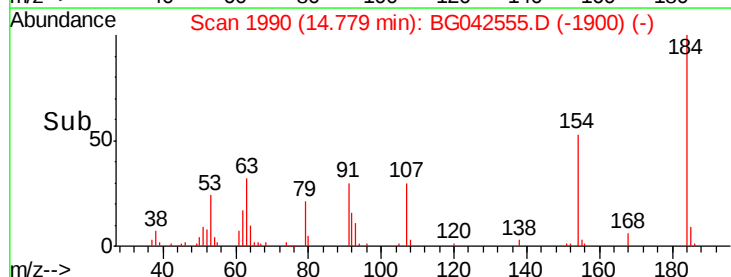
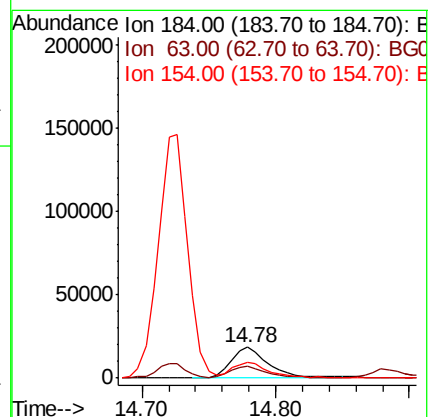
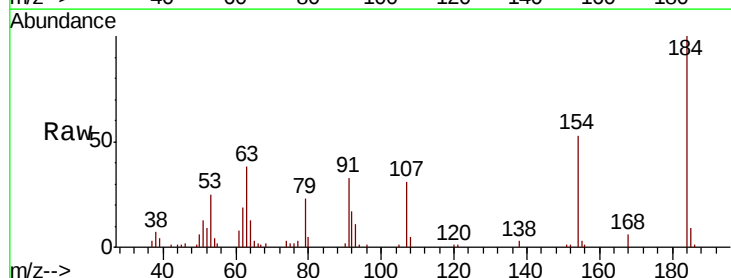
Tgt Ion:184 Resp: 36475

Ion Ratio Lower Upper

184 100

63 38.3 31.7 47.5

154 52.7 42.0 63.0





#55

Dibenzenofuran

Concen: 41.454 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

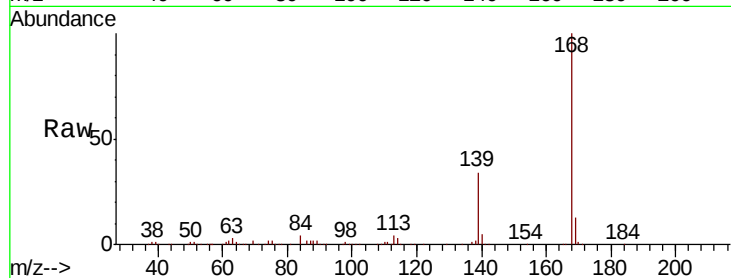
Tot Ion:168 Resp: 384666

Ion Ratio Lower Upper

168 100

139 34.4 27.2 40.8

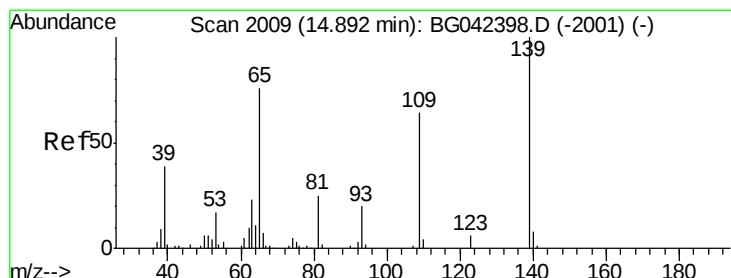
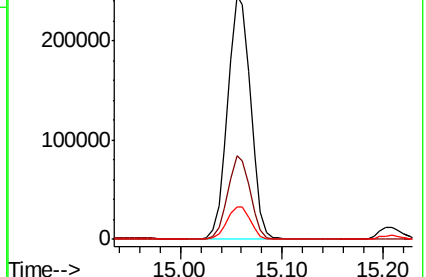
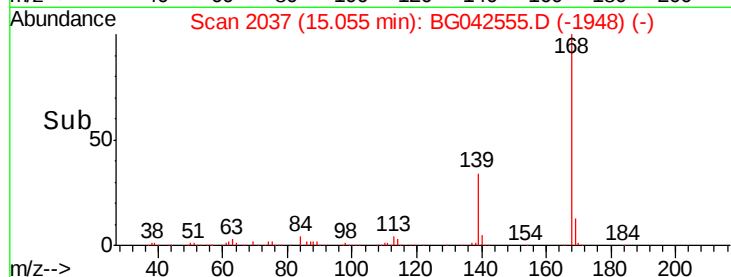
169 13.4 11.5 17.3



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: 37.459 ng

RT: 14.88 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

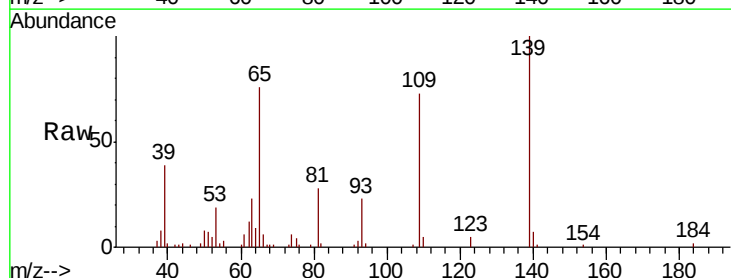
Tgt Ion:139 Resp: 49016

Ion Ratio Lower Upper

139 100

109 72.8 43.9 83.9

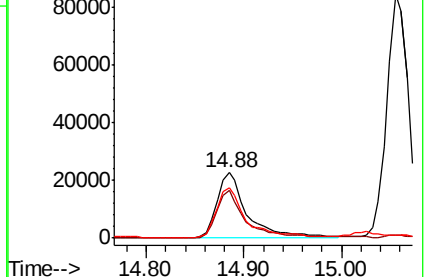
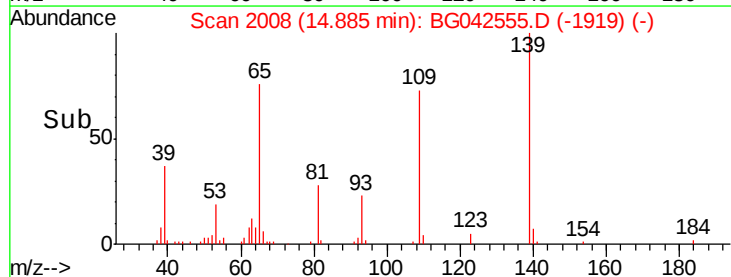
65 76.0 56.3 96.3

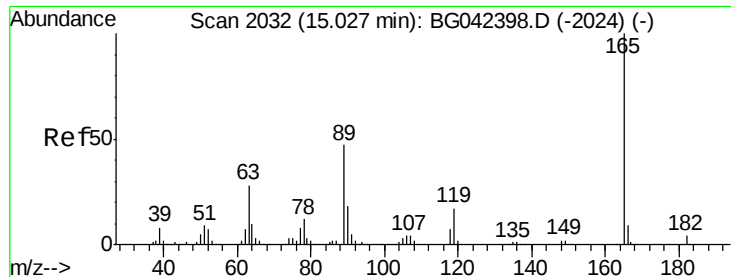


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

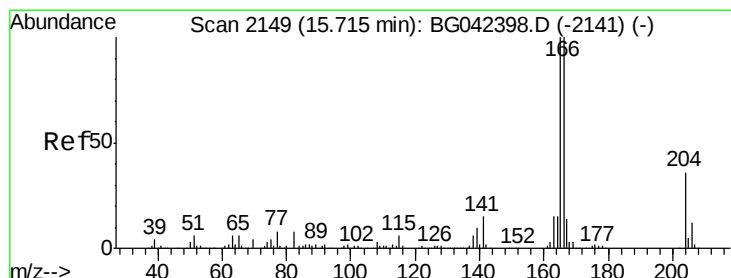
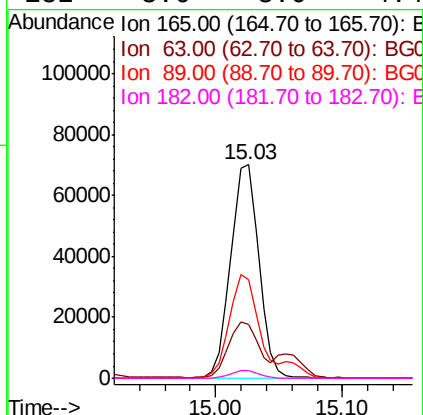
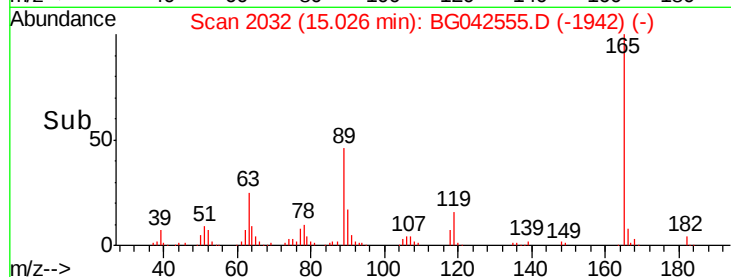
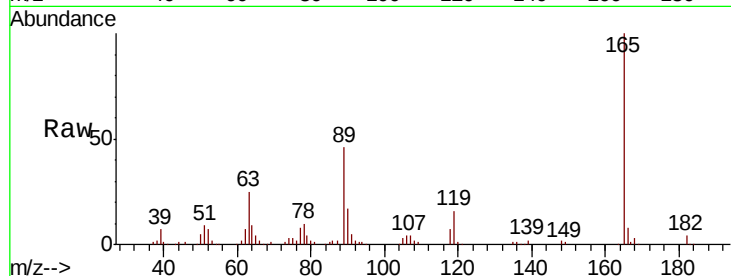




#57
 2,4-Dinitrotoluene
 Concen: 40.967 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

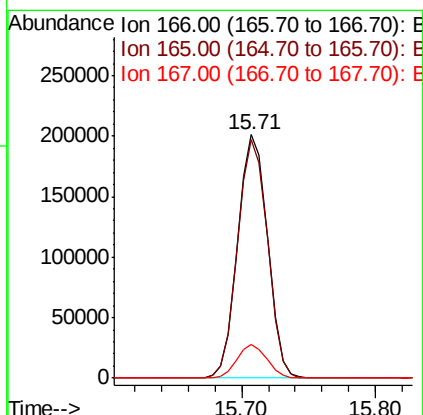
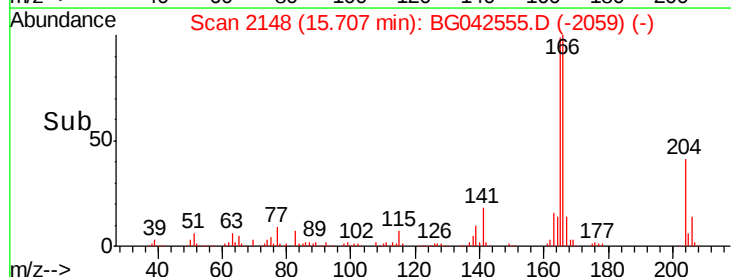
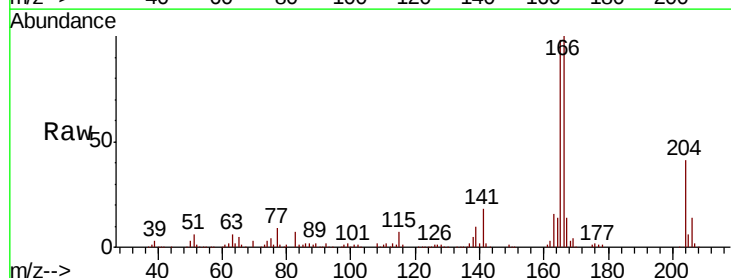
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:165	Resp:	108018
Ion Ratio	Lower	Upper
165	100	
63	25.1	22.5 33.7
89	46.0	37.8 56.6
182	3.6	3.0 4.4



#58
 Fluorene
 Concen: 41.064 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

Tgt Ion:166	Resp:	311479
Ion Ratio	Lower	Upper
166	100	
165	98.2	79.7 119.5
167	13.9	10.9 16.3

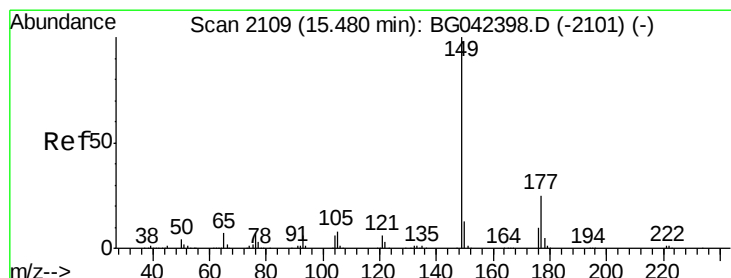
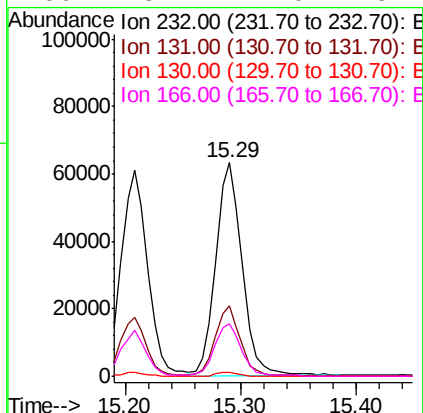
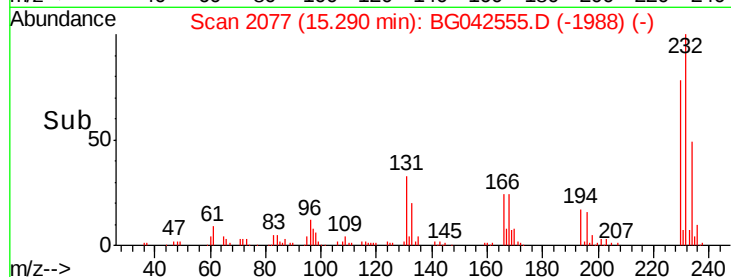
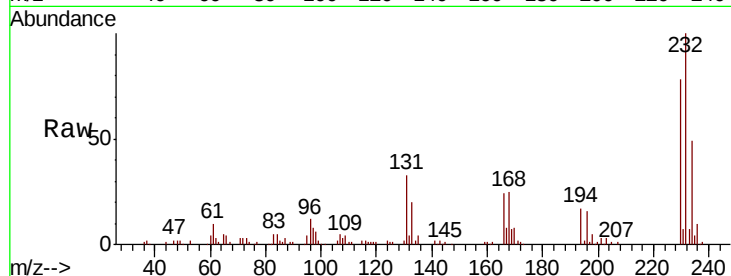




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.597 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

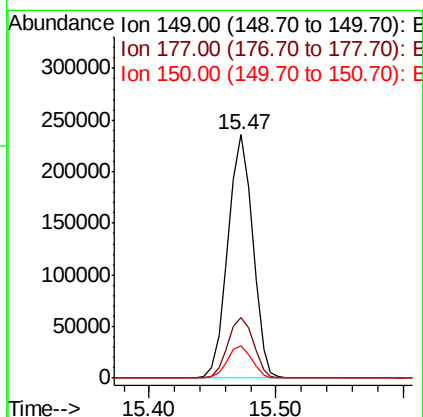
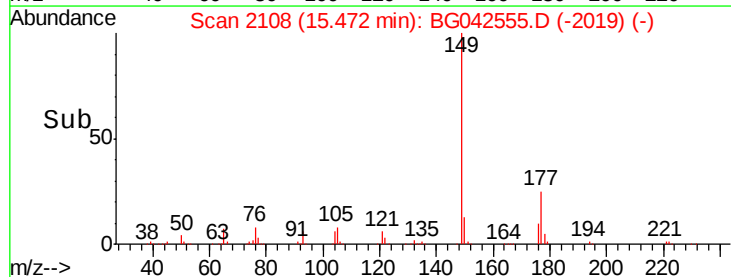
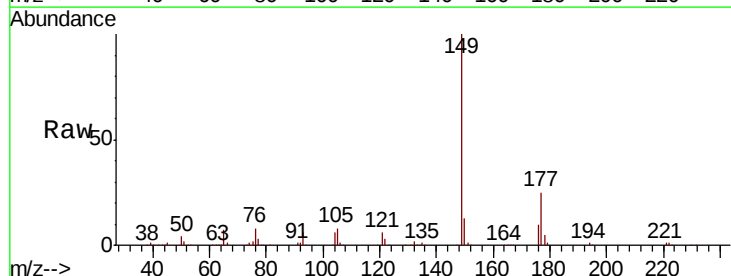
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

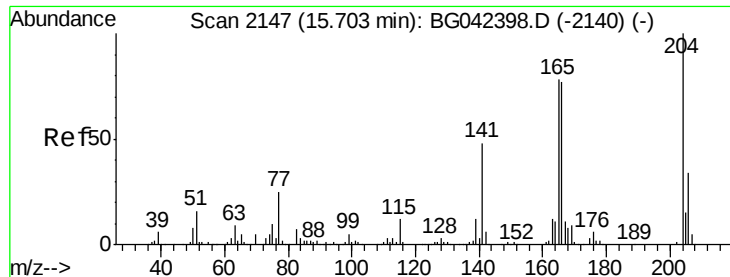
Tot Ion:232	Resp:	99425
Ion Ratio	Lower	Upper
232	100	
131	31.5	22.9 34.3
130	1.5	1.4 2.0
166	25.4	17.0 25.4



#60
 Diethylphthalate
 Concen: 41.087 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

Tgt Ion:149	Resp:	319059
Ion Ratio	Lower	Upper
149	100	
177	25.1	20.4 30.6
150	13.1	10.3 15.5

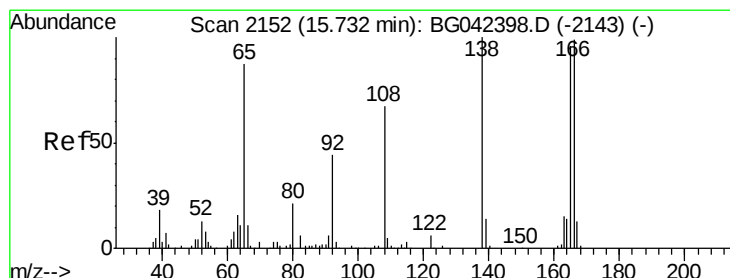
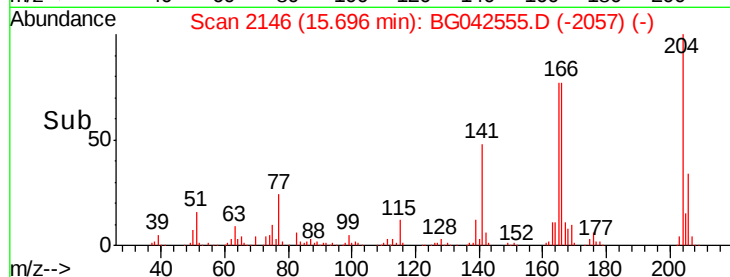
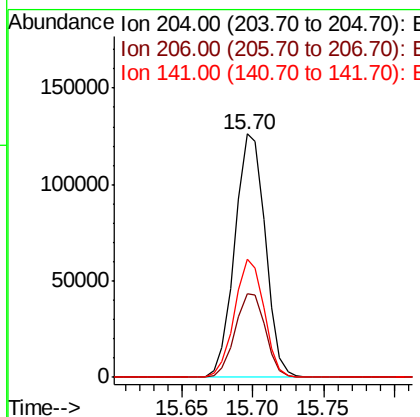
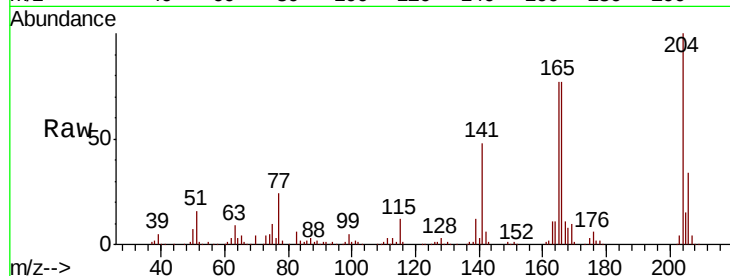




#61
 4-Chlorophenyl-phenylether
 Concen: 41.400 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

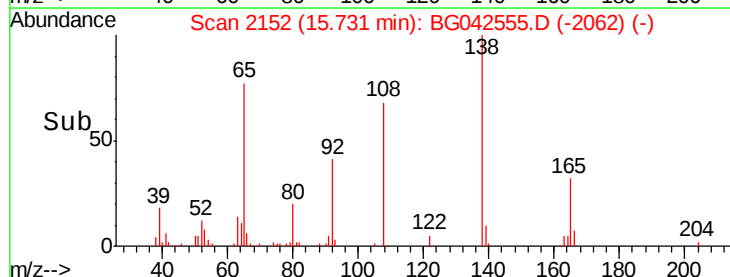
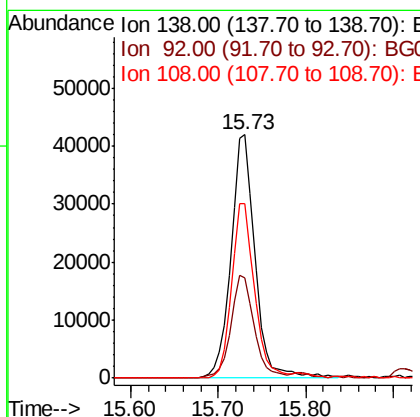
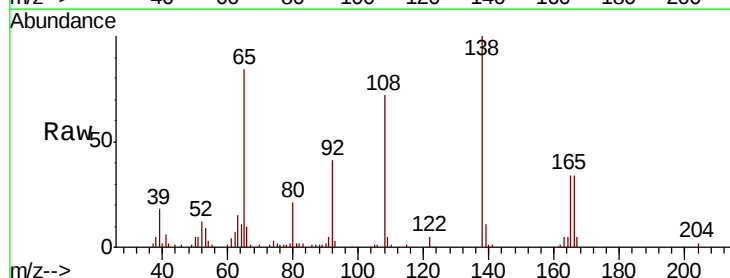
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:204 Resp: 189304
 Ion Ratio Lower Upper
 204 100
 206 34.4 27.2 40.8
 141 48.4 38.7 58.1



#62
 4-Nitroaniline
 Concen: 39.797 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

Tgt Ion:138 Resp: 78434
 Ion Ratio Lower Upper
 138 100
 92 41.1 24.2 64.2
 108 71.7 46.8 86.8





#63

Azobenzene

Concen: 39.137 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 208249

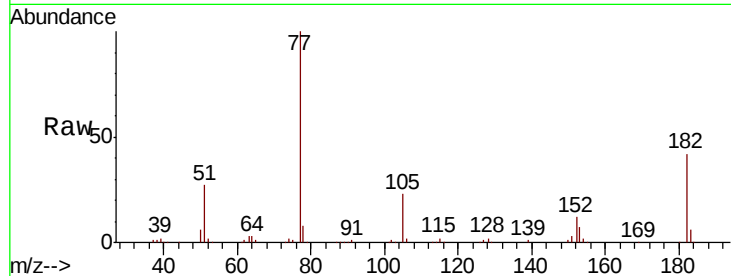
Ion Ratio Lower Upper

77 100

182 41.8 19.9 59.9

105 22.7 2.9 42.9

51 27.1 7.6 47.6

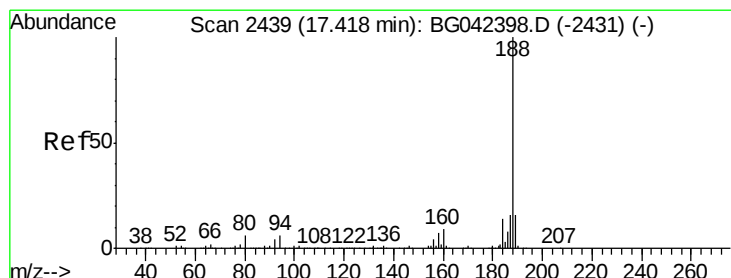
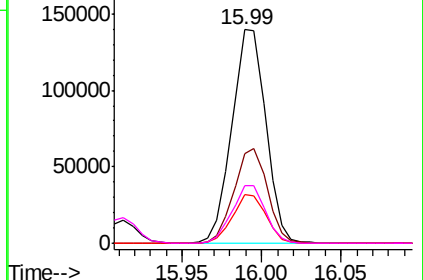
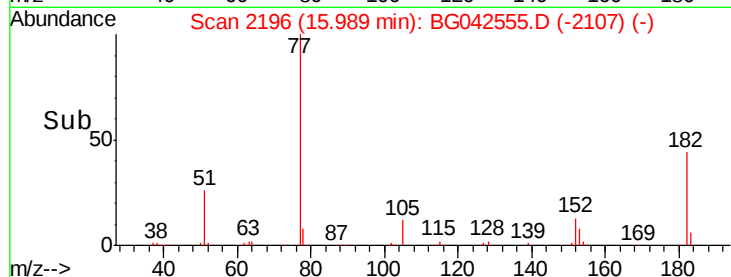


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

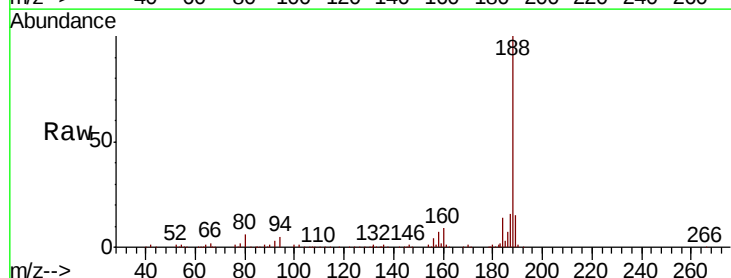
Tgt Ion: 188 Resp: 256162

Ion Ratio Lower Upper

188 100

94 5.2 4.5 6.7

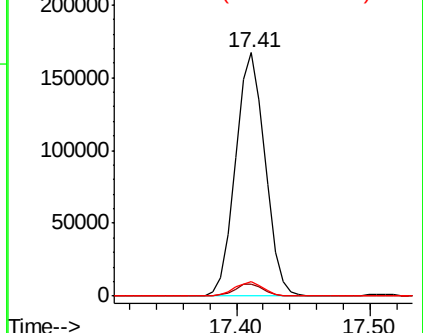
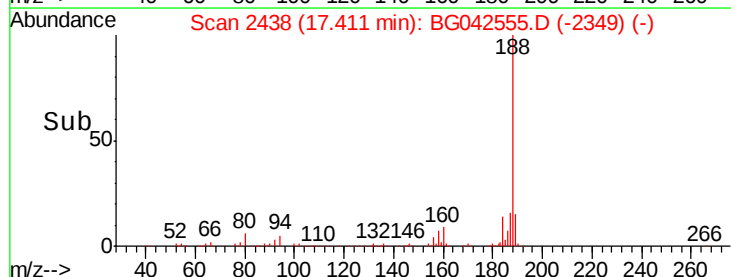
80 6.0 4.9 7.3



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 38.458 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

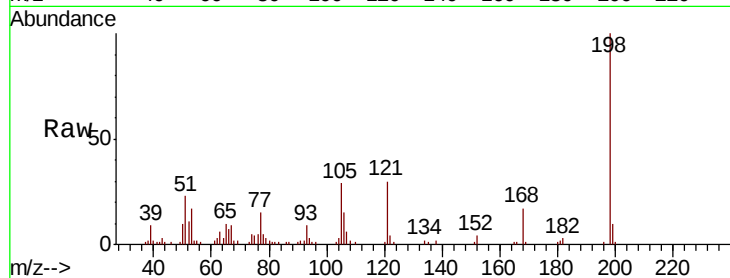
Tot Ion:198 Resp: 61765

Ion Ratio Lower Upper

198 100

51 23.0 4.2 44.2

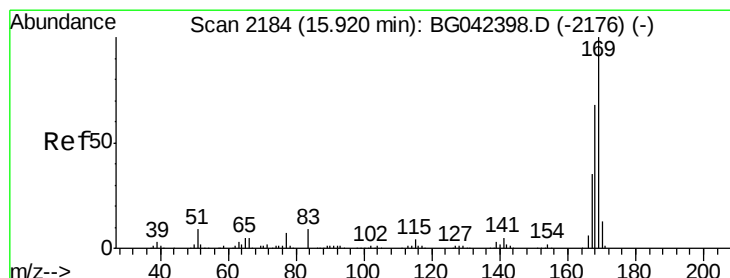
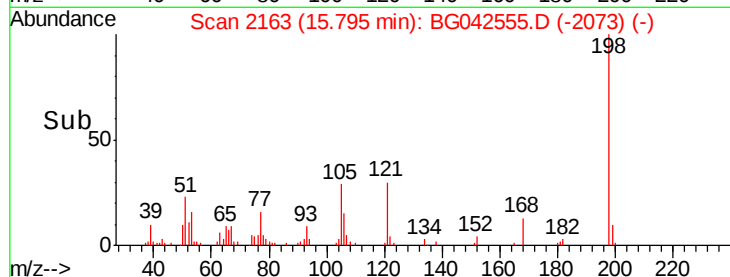
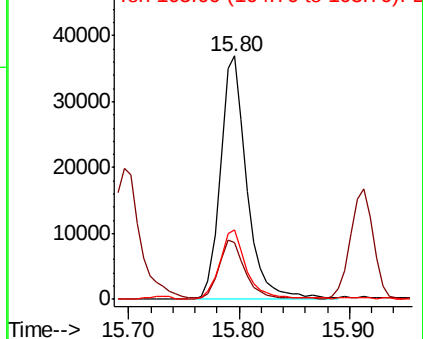
105 28.7 8.8 48.8



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: 40.273 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

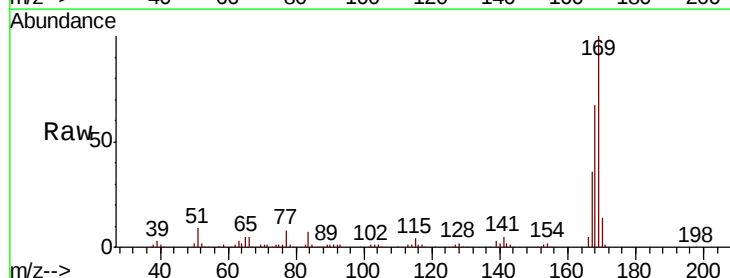
Tgt Ion:169 Resp: 283706

Ion Ratio Lower Upper

169 100

168 67.1 54.3 81.5

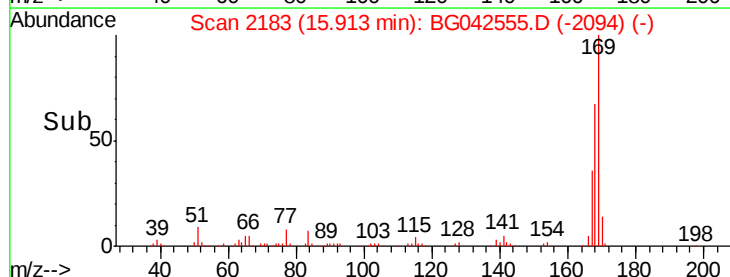
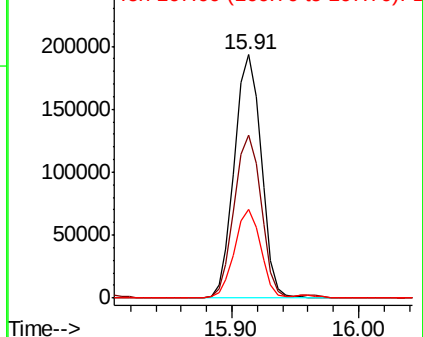
167 36.3 28.2 42.2



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

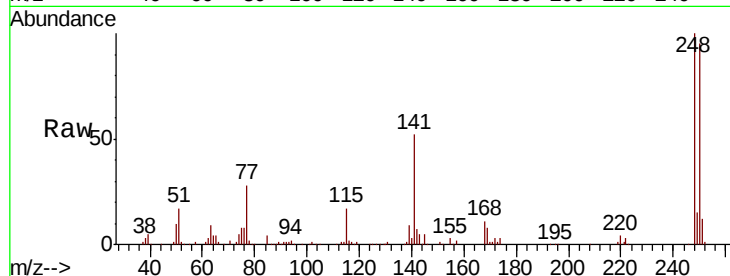




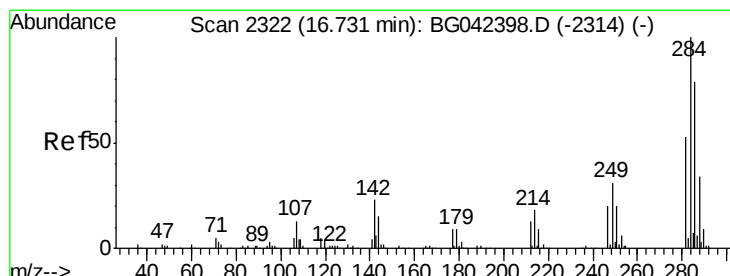
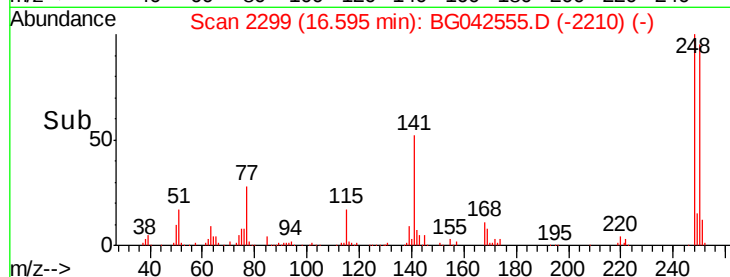
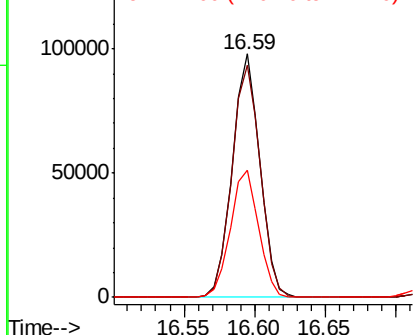
#67
 4-Bromophenyl-phenylether
 Concen: 41.001 ng
 RT: 16.59 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

Instrument :
 BNA_G
 ClientSampleID :
 SSTCCCC040

Tot Ion:248 Resp: 133221
 Ion Ratio Lower Upper
 248 100
 250 95.1 78.9 118.3
 141 52.4 43.3 64.9

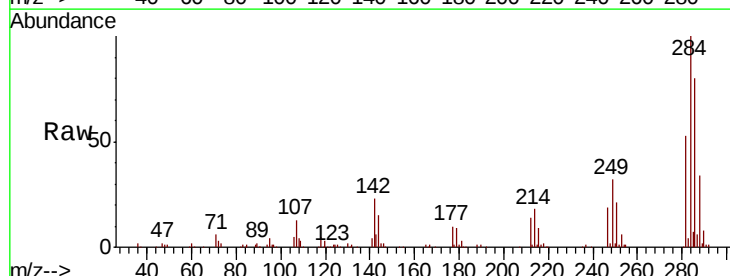


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

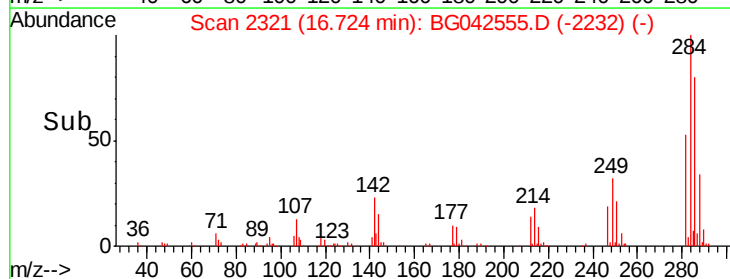
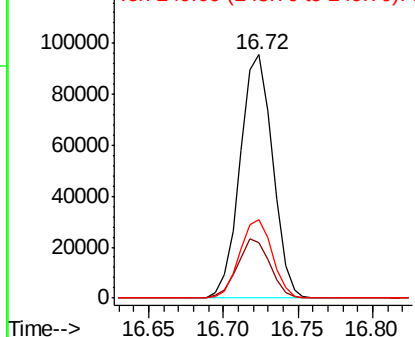


#68
 Hexachlorobenzene
 Concen: 40.964 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

Tgt Ion:284 Resp: 144691
 Ion Ratio Lower Upper
 284 100
 142 22.6 18.2 27.4
 249 32.0 25.0 37.4



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: 35.612 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

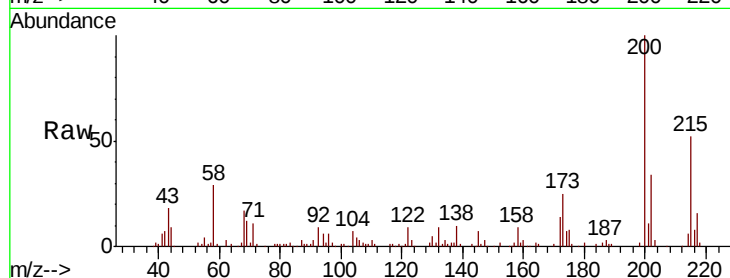
Tot Ion:200 Resp: 88717

Ion Ratio Lower Upper

200 100

173 24.7 4.9 44.9

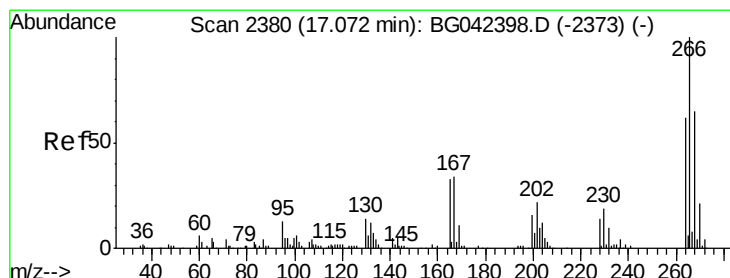
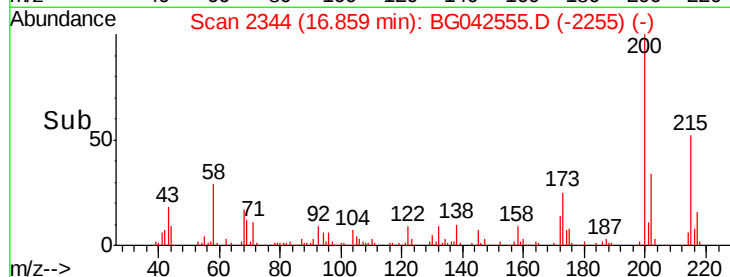
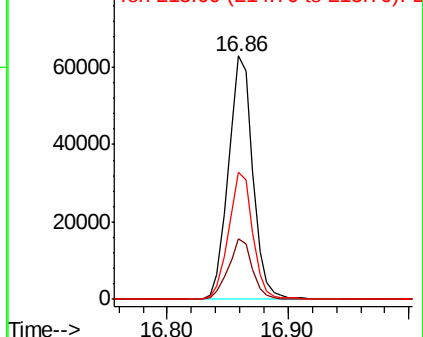
215 52.3 30.7 70.7



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: 35.773 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

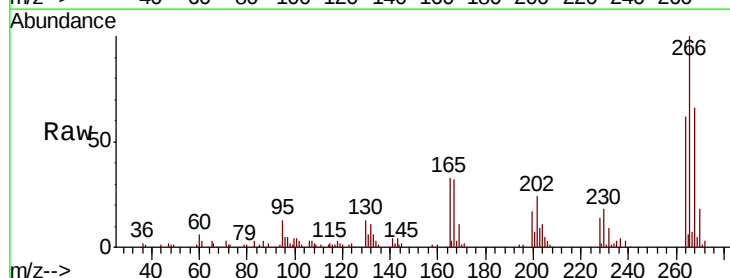
Tgt Ion:266 Resp: 65652

Ion Ratio Lower Upper

266 100

268 65.6 52.1 78.1

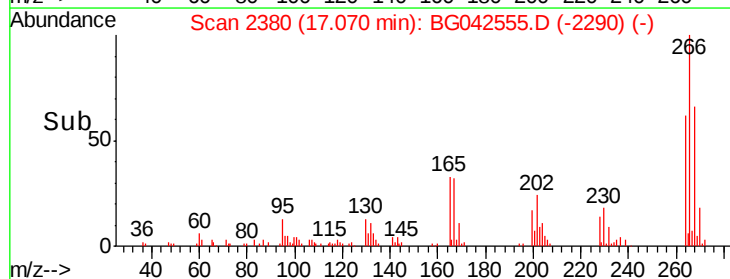
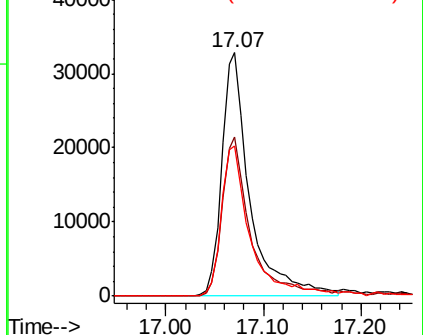
264 61.6 49.4 74.2

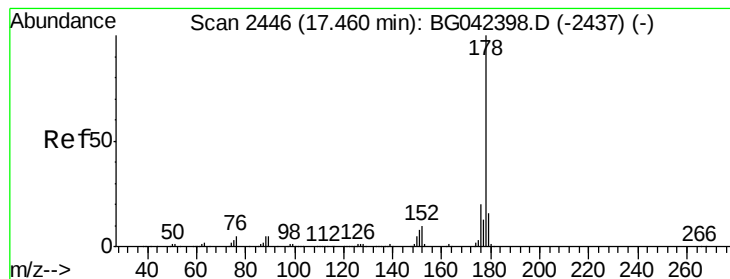


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.568 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

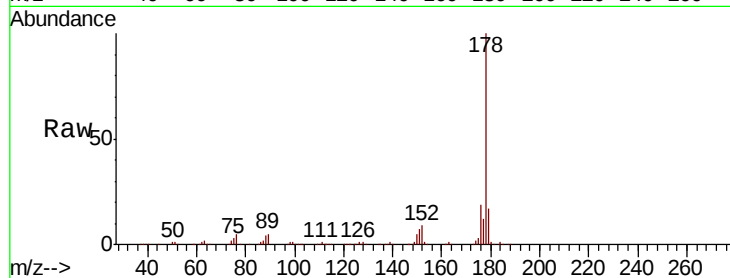
Tot Ion:178 Resp: 528906

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

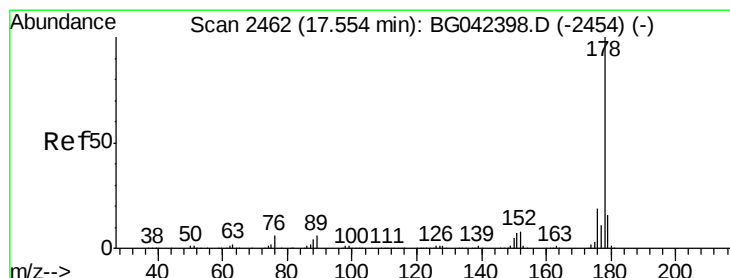
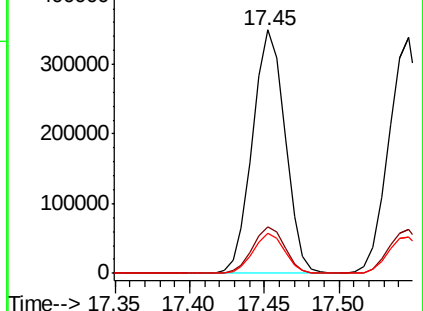
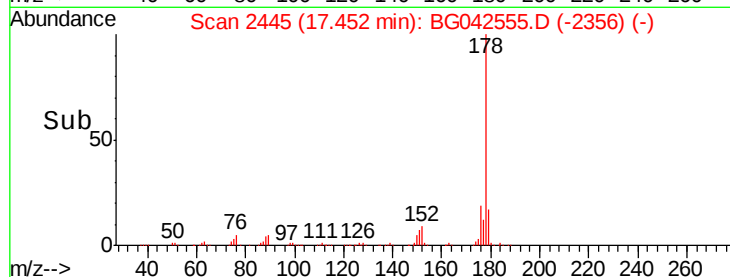
179 16.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.491 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

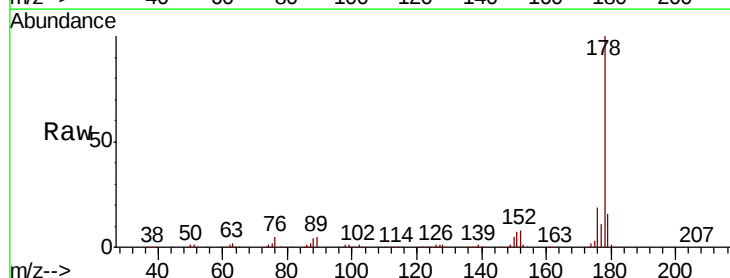
Tgt Ion:178 Resp: 527035

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

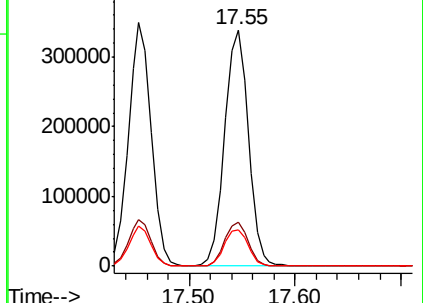
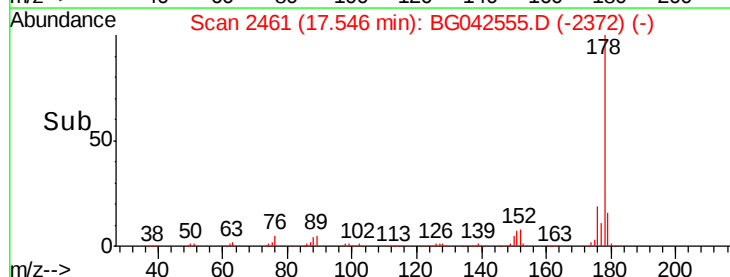
179 15.5 12.9 19.3

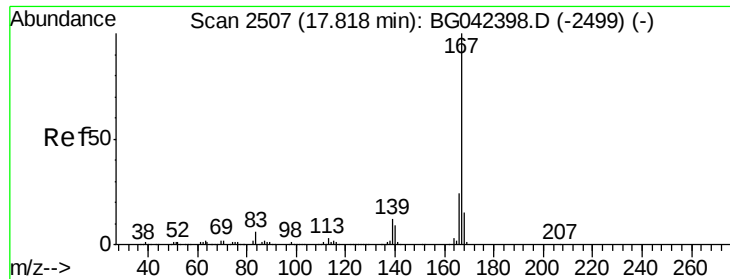


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

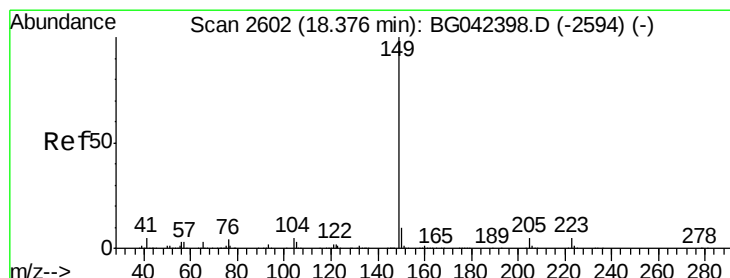
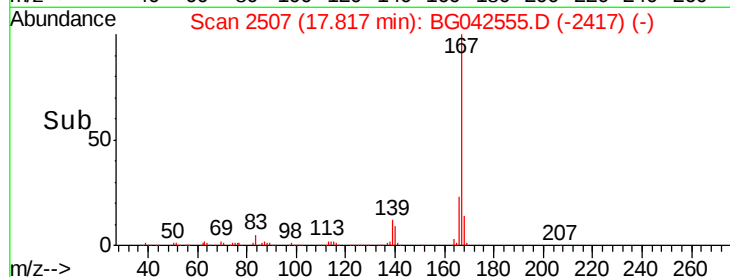
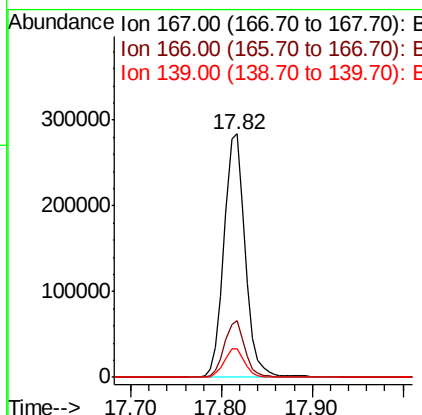
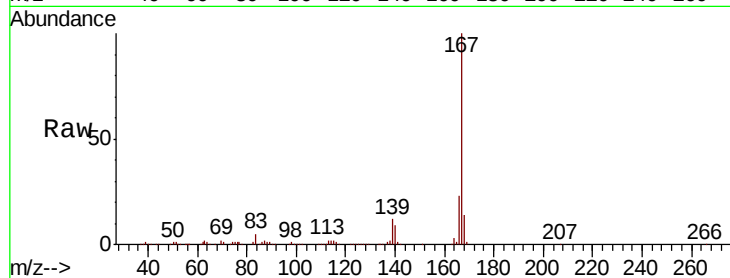




#73
 Carbazole
 Concen: 40.726 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

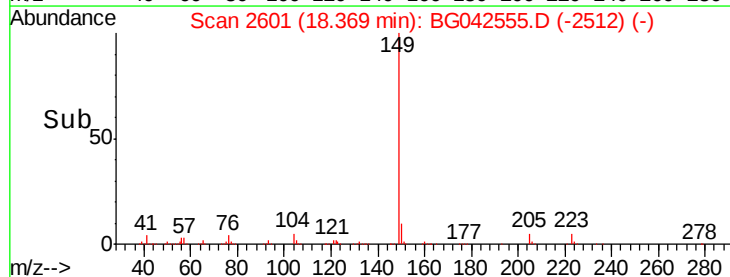
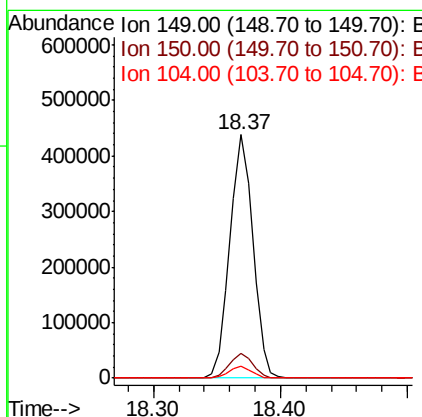
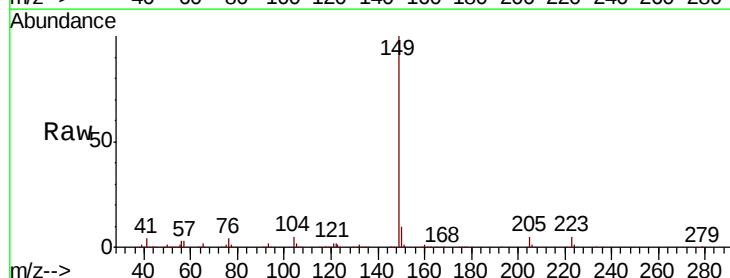
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

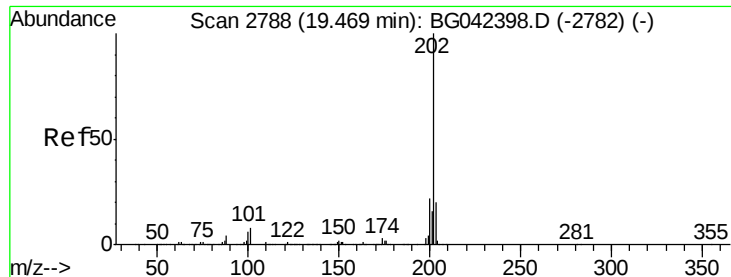
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.9	28.3
139	11.6	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 41.328 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042555.D
 Acq: 29 Aug 2019 8:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.1	12.1
104	4.6	3.7	5.5





#75

Fluoranthene

Concen: 43.617 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

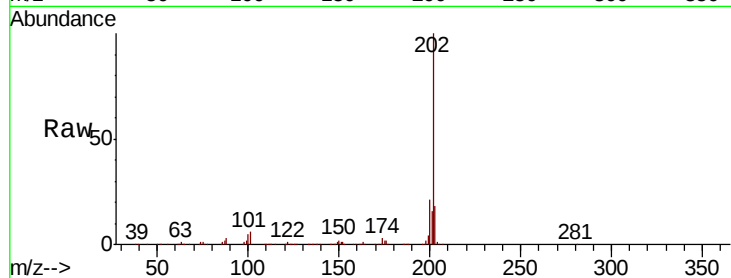
Instrument :

BNA_G

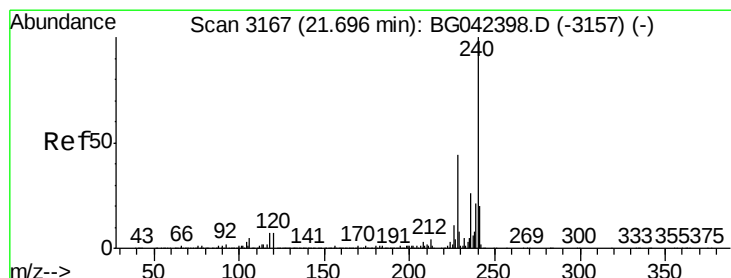
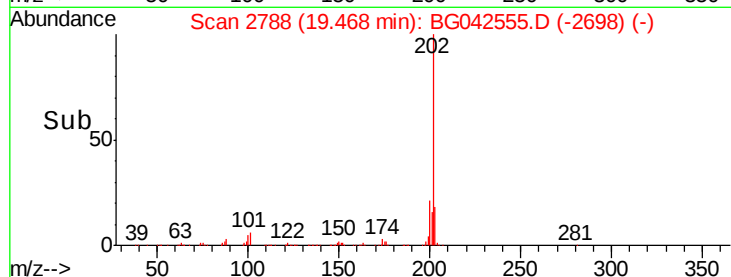
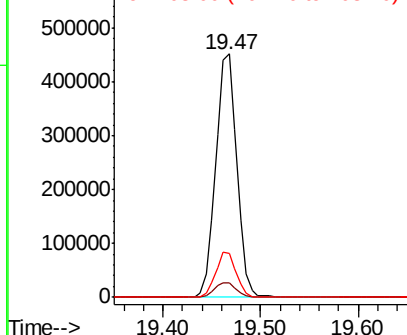
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	677320
Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	28.3
203	18.3	0.0	39.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

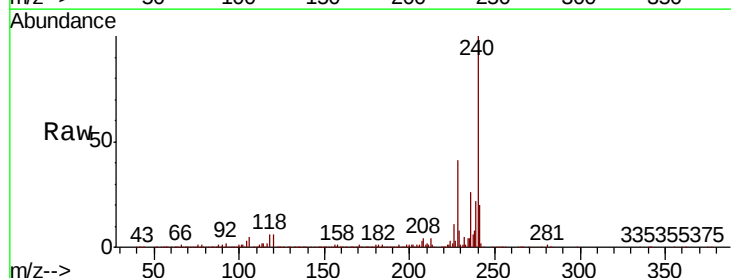
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

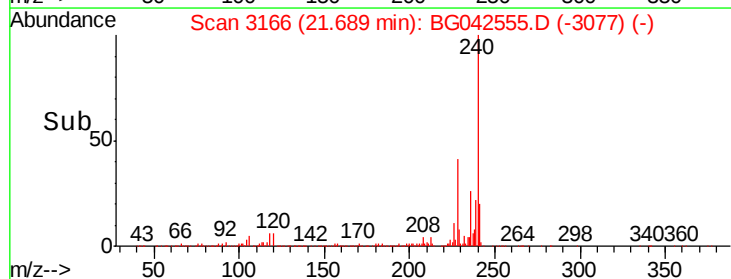
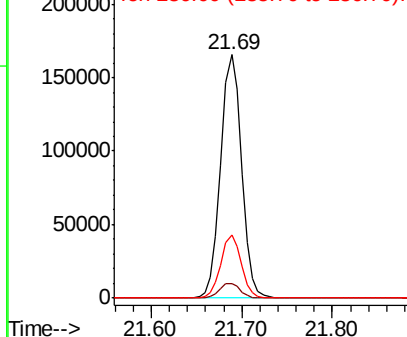
Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Tgt Ion:	240	Resp:	264580
Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.7	8.5
236	25.7	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.487 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

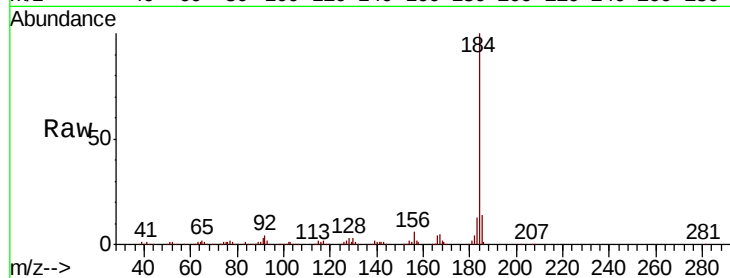
Tot Ion:184 Resp: 254020

Ion Ratio Lower Upper

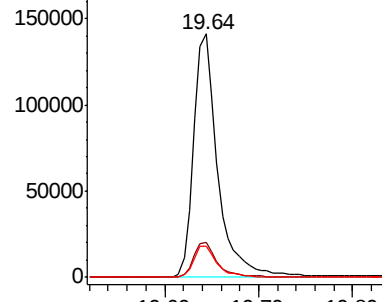
184 100

185 14.2 12.2 18.4

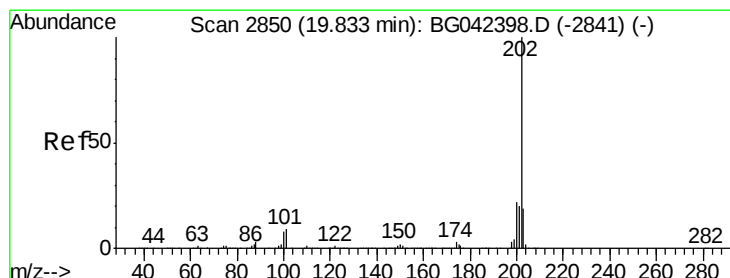
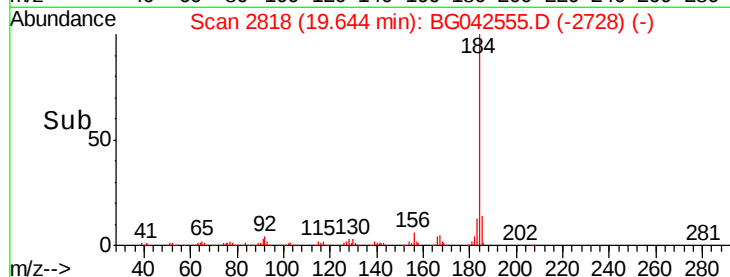
183 12.5 10.8 16.2



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



Time-->



#78

Pyrene

Concen: 41.649 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

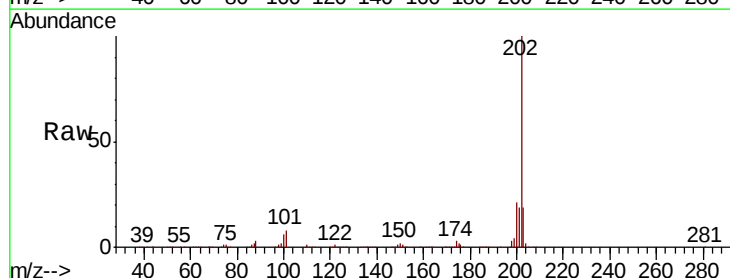
Tgt Ion:202 Resp: 675596

Ion Ratio Lower Upper

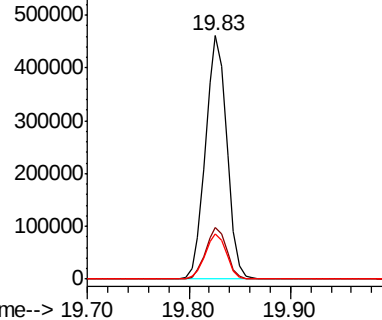
202 100

200 21.5 17.8 26.6

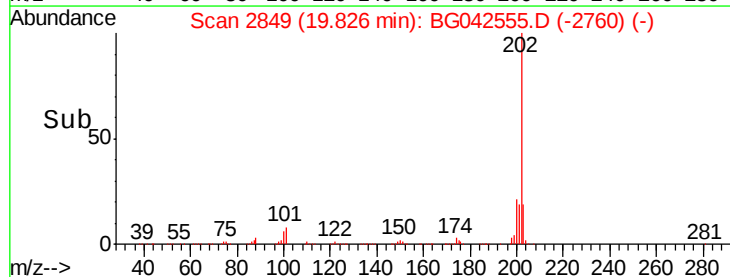
203 18.7 15.5 23.3



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



Time-->





#79

Terphenyl-d14

Concen: 83.634 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

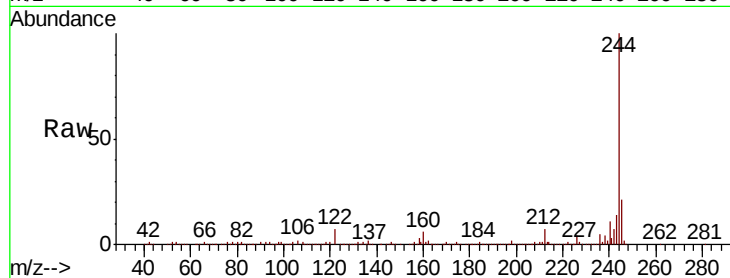
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1023527

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	6.6	6.7	10.1

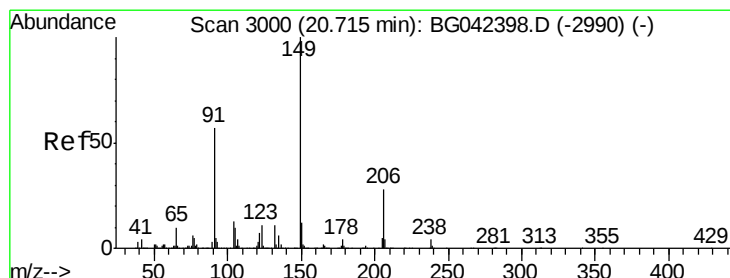
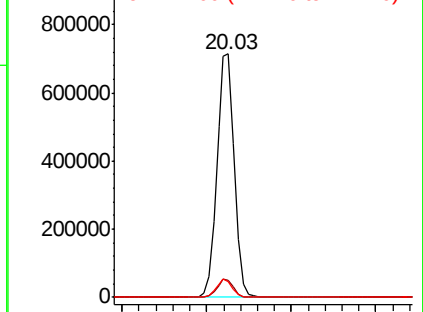
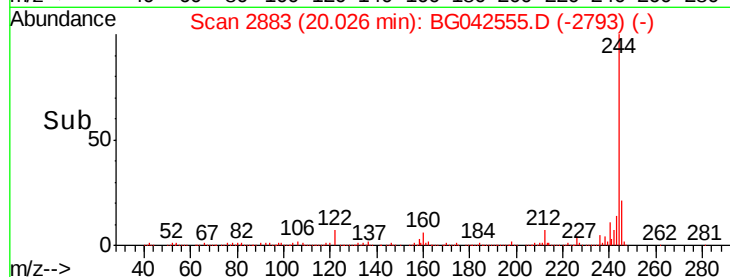


Abundance

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: 39.197 ng

RT: 20.71 min Scan# 2999

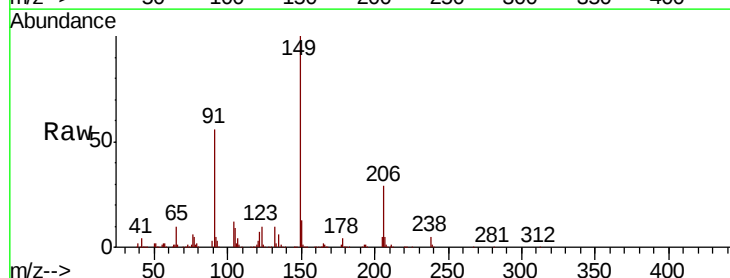
Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Tgt Ion:149 Resp: 250081

Ion	Ratio	Lower	Upper
149	100		
91	55.8	45.9	68.9
206	28.9	22.5	33.7

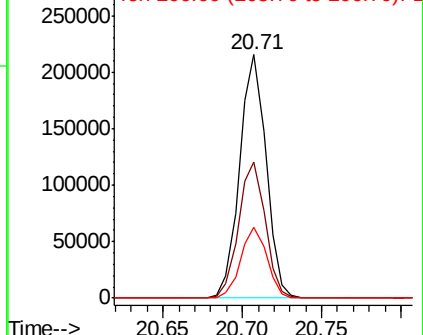
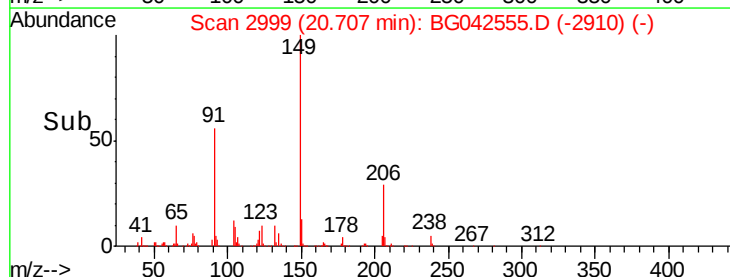


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.382 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

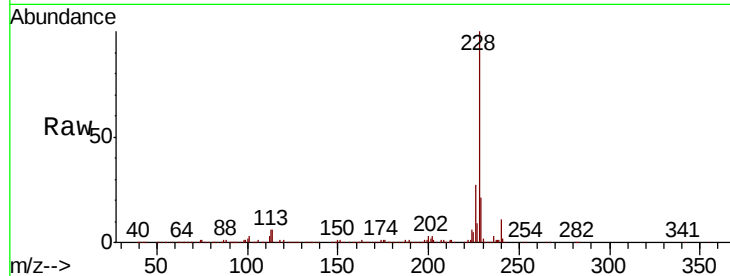
Tot Ion:228 Resp: 666046

Ion Ratio Lower Upper

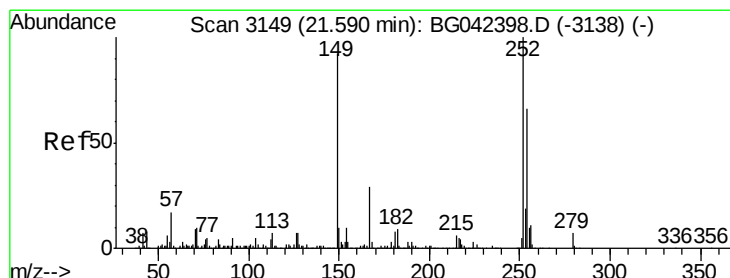
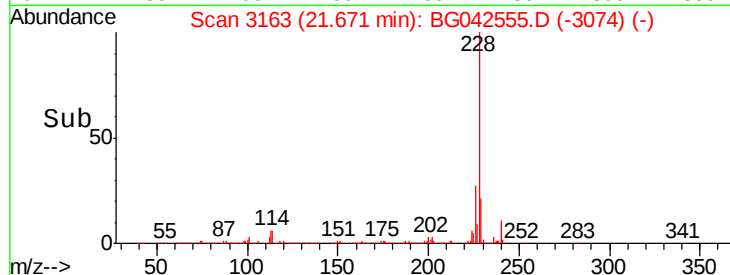
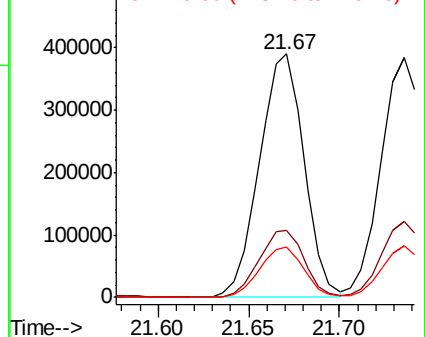
228 100

226 27.4 23.4 35.2

229 20.6 17.4 26.2



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: 40.096 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

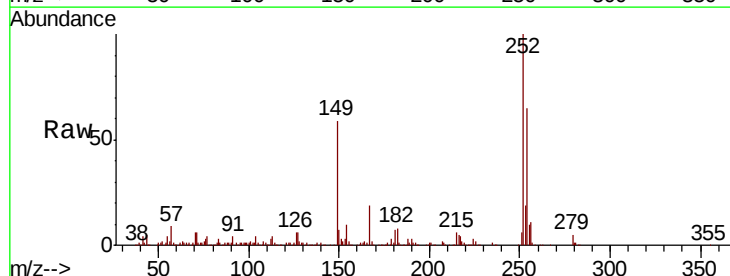
Tgt Ion:252 Resp: 259548

Ion Ratio Lower Upper

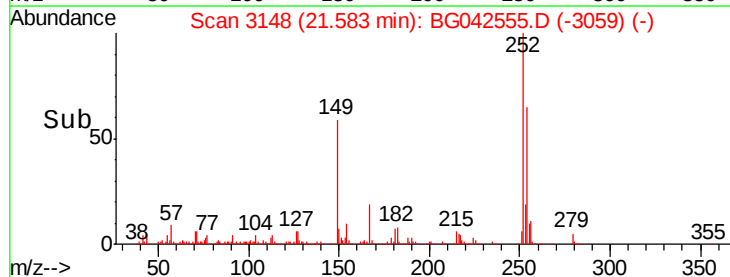
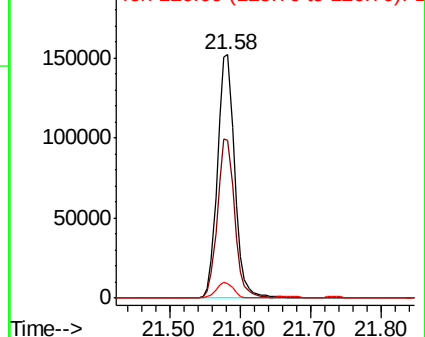
252 100

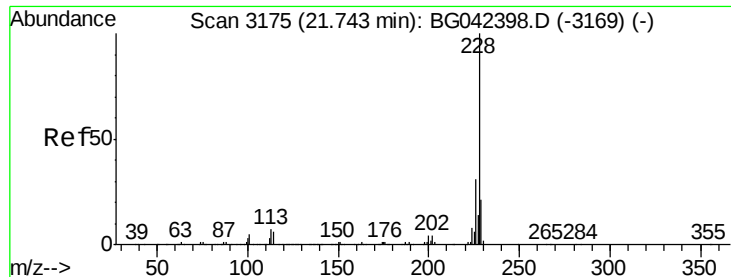
254 64.8 53.0 79.4

126 6.1 5.7 8.5



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: 41.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

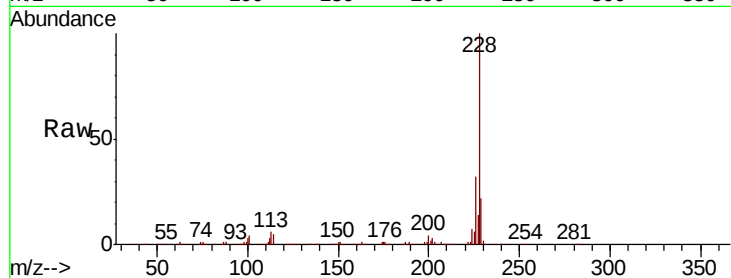
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 636405

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	21.5	16.9	25.3

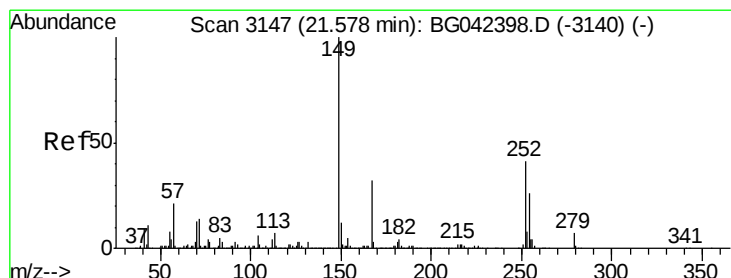
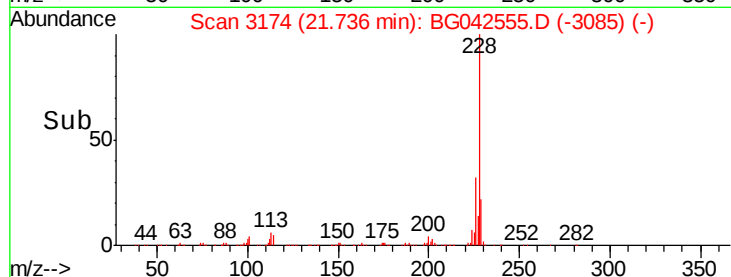
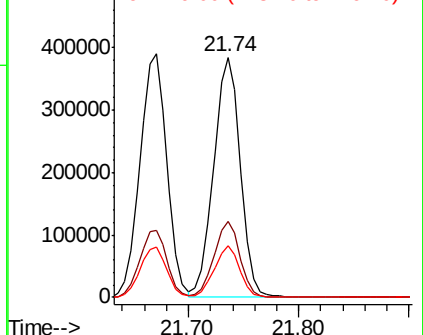


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.299 ng

RT: 21.57 min Scan# 3146

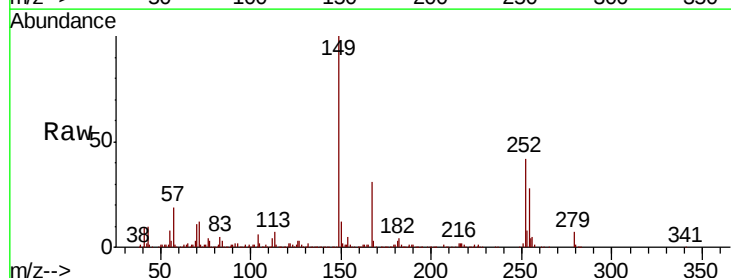
Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Tgt Ion:149 Resp: 356988

Ion	Ratio	Lower	Upper
149	100		
167	30.8	26.0	39.0
279	7.1	5.4	8.0

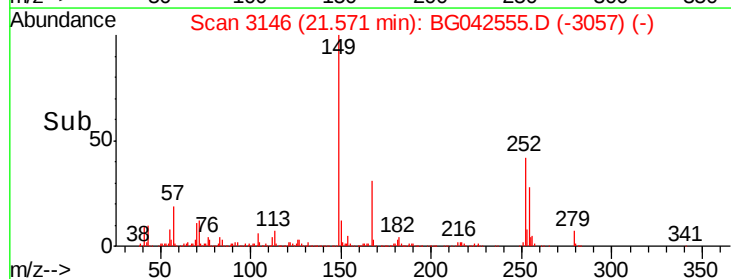
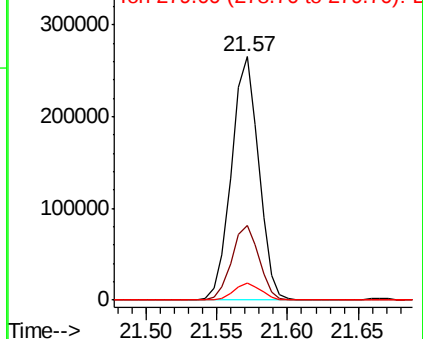


Abundance

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

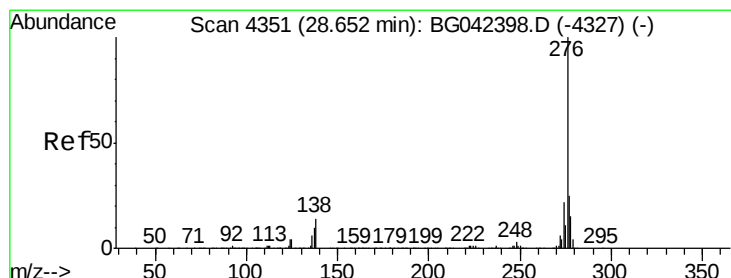
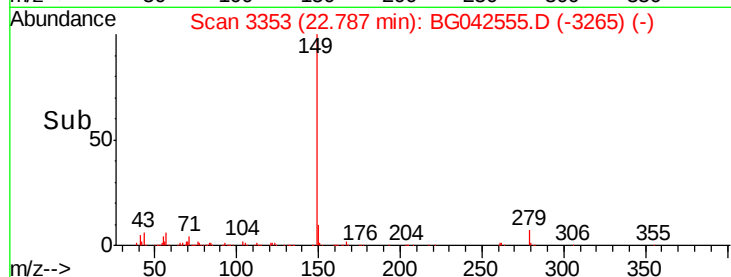
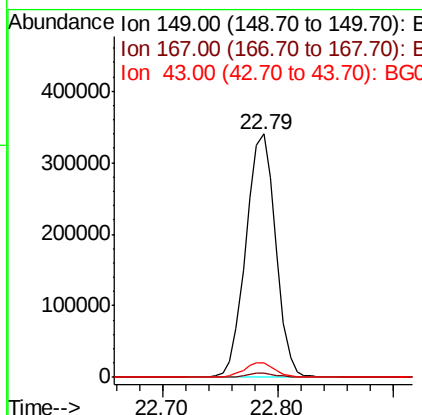
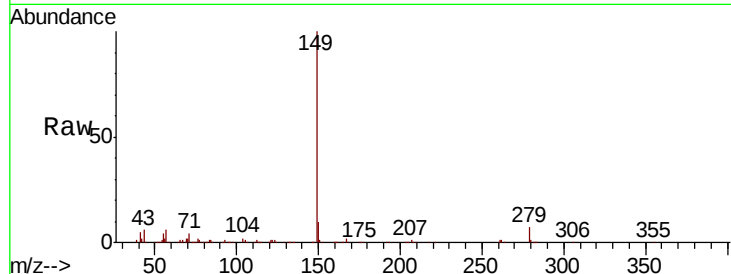




#85
Di-n-octyl phthalate
Concen: 40.126 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG042555.D
Acq: 29 Aug 2019 8:29

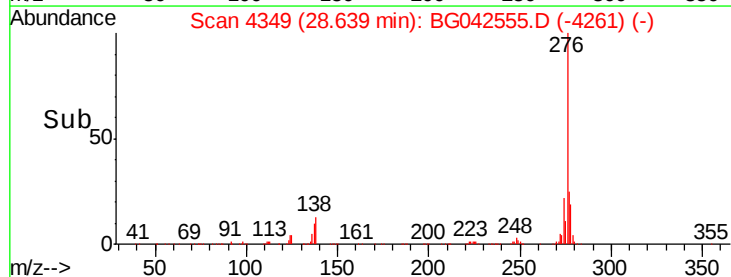
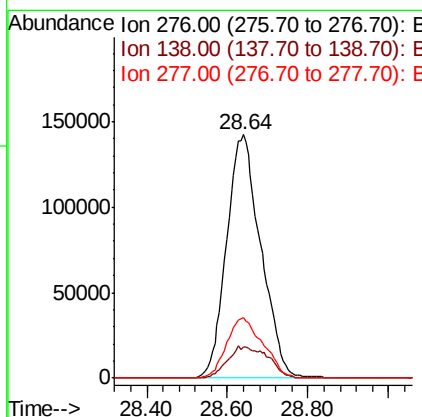
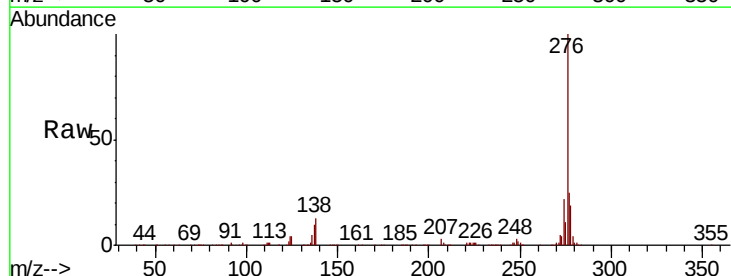
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 611360
Ion Ratio Lower Upper
149 100
167 1.8 1.6 2.4
43 6.3 5.3 7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.875 ng
RT: 28.64 min Scan# 4349
Delta R.T. -0.01 min
Lab File: BG042555.D
Acq: 29 Aug 2019 8:29

Tgt Ion:276 Resp: 841118
Ion Ratio Lower Upper
276 100
138 5.6 9.2 13.8#
277 26.1 21.0 31.6

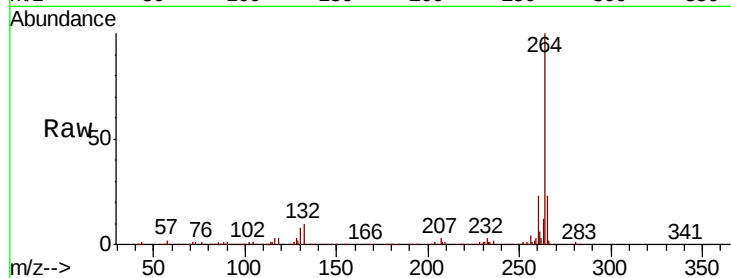




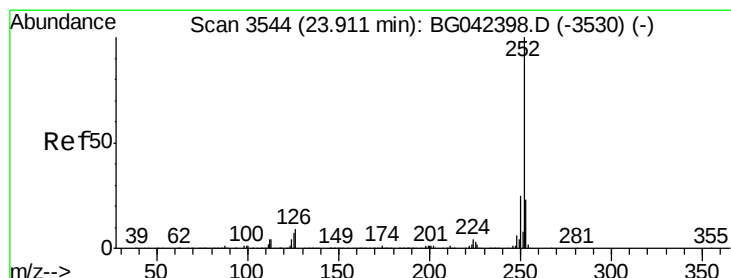
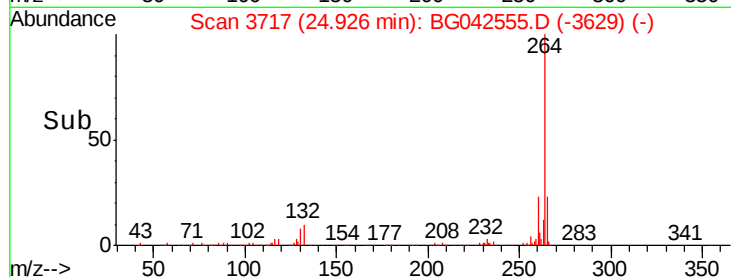
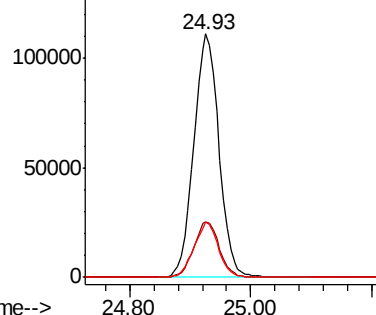
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042555.D
Acq: 29 Aug 2019 8:29

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	22.8	17.6	26.4

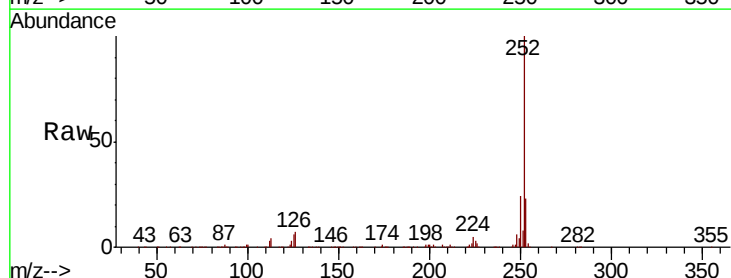


Abundance Ion 264.00 (263.70 to 264.70): E
150000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

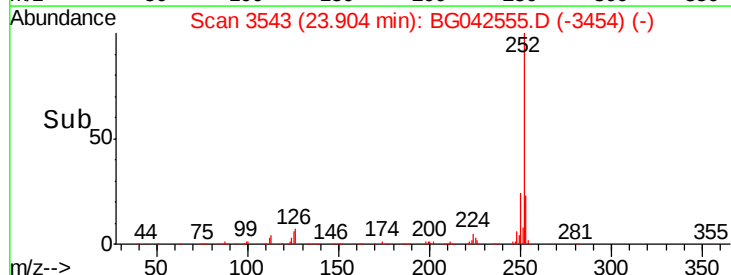
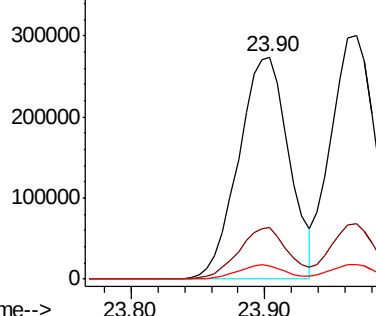


#88
Benzo(b)fluoranthene
Concen: 40.791 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG042555.D
Acq: 29 Aug 2019 8:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	27.8
125	5.8	5.6	8.4



Abundance Ion 252.00 (251.70 to 252.70): E
400000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

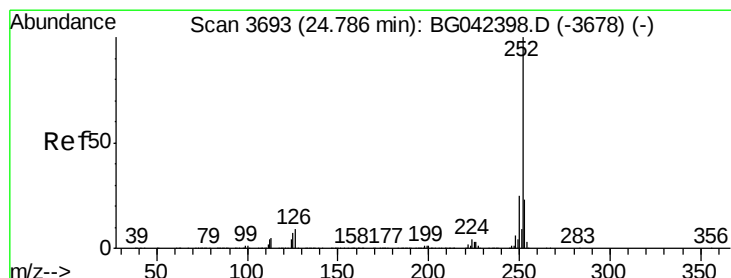
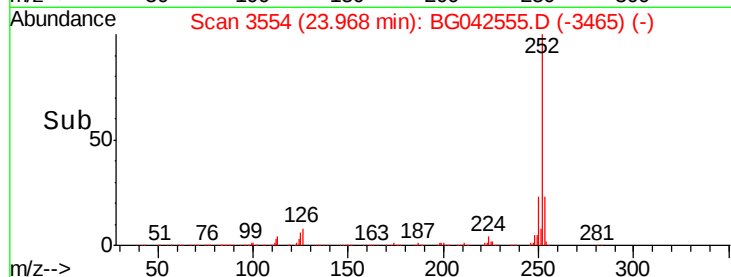
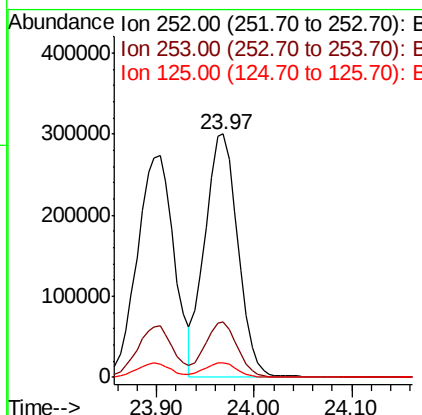
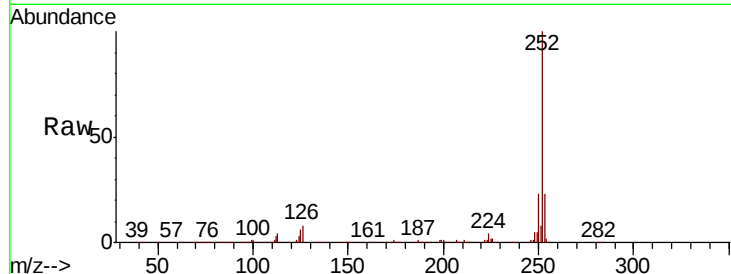




#89
Benzo(k)fluoranthene
Concen: 41.402 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG042555.D
Acq: 29 Aug 2019 8:29

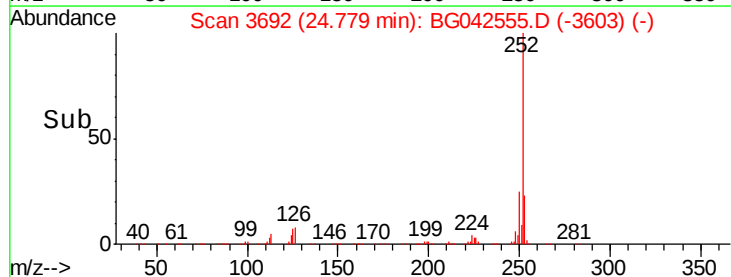
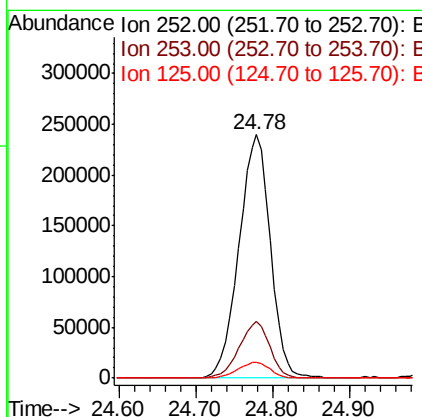
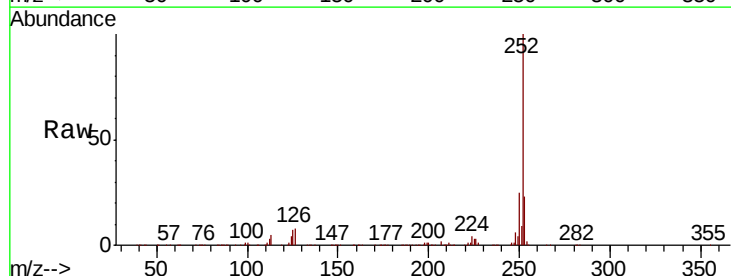
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

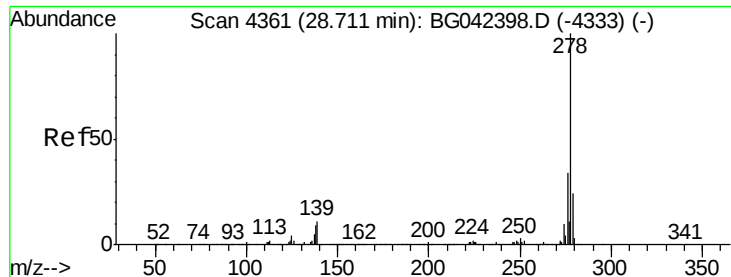
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	6.1	5.8	8.6



#90
Benzo(a)pyrene
Concen: 40.930 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG042555.D
Acq: 29 Aug 2019 8:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	6.6	6.0	9.0





#91

Dibenzo(a,h)anthracene

Concen: 40.288 ng

RT: 28.70 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

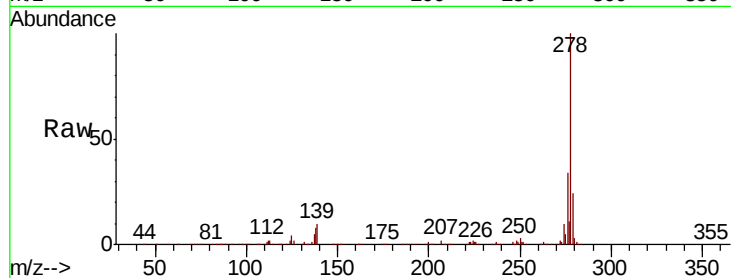
Tot Ion:278 Resp: 682263

Ion Ratio Lower Upper

278 100

139 10.2 8.8 13.2

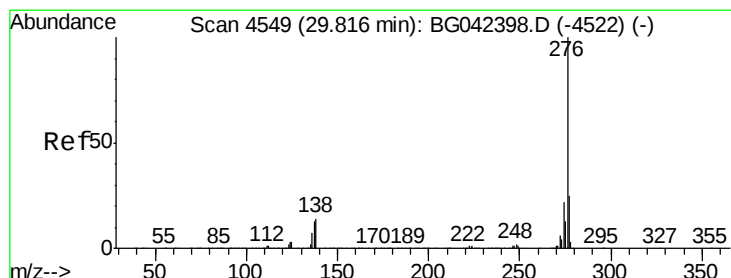
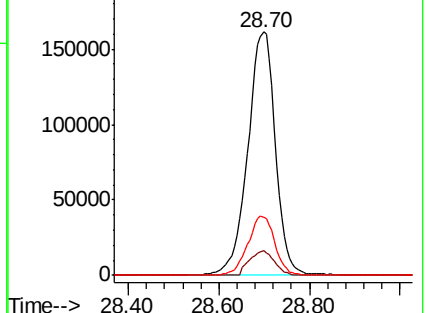
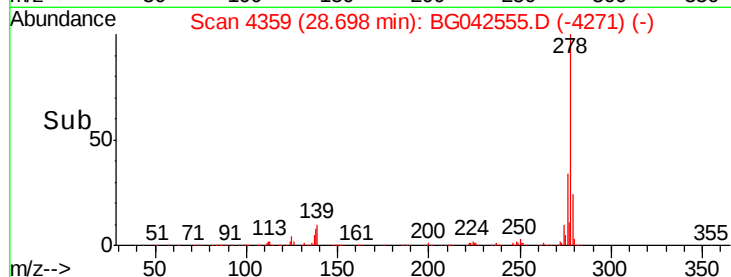
279 23.7 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.888 ng

RT: 29.80 min Scan# 4546

Delta R.T. -0.02 min

Lab File: BG042555.D

Acq: 29 Aug 2019 8:29

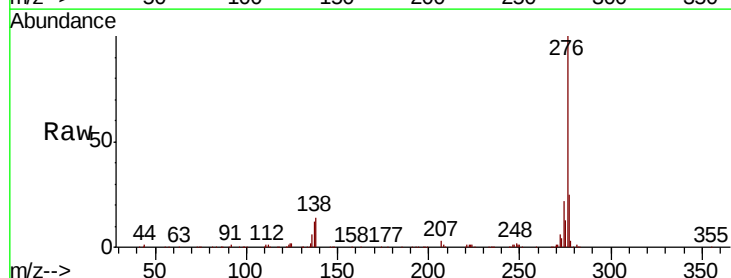
Tgt Ion:276 Resp: 675586

Ion Ratio Lower Upper

276 100

277 24.9 19.8 29.8

138 14.1 11.4 17.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

