

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
 Data File : BG042759.D
 Acq On : 6 Sep 2019 22:26
 Operator : HP/JU
 Sample : K4696-08MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 01:21:01 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	7.99	152	35411	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	141098	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	114634	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	259523	20.00	ng	0.00
76) Chrysene-d12	21.69	240	214124	20.00	ng	0.00
87) Perylene-d12	24.93	264	264033	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	189028	108.11	ng	0.00
7) Phenol-d6	7.17	99	261495	110.72	ng	0.00
23) Nitrobenzene-d5	9.17	82	140810	68.96	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	188236	115.53	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	501744	74.03	ng	0.00
79) Terphenyl-d14	20.02	244	764980	77.24	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.42	88	20329	27.861	ng	95
3) Pyridine	3.82	79	51100	27.311	ng	97
4) n-Nitrosodimethylamine	3.73	42	26923	40.288	ng	87
6) Aniline	7.31	93	102115	32.417	ng	99
8) 2-Chlorophenol	7.56	128	96508	45.545	ng	98
9) Benzaldehyde	7.12	77	46412	39.253	ng	96
10) Phenol	7.19	94	112314	46.772	ng	91
11) bis(2-Chloroethyl)ether	7.41	93	70420	37.341	ng	95
12) 1,3-Dichlorobenzene	7.89	146	105489	39.134	ng	99
13) 1,4-Dichlorobenzene	8.03	146	106912	39.155	ng	97
14) 1,2-Dichlorobenzene	8.35	146	103965	39.760	ng	97
15) Benzyl Alcohol	8.24	79	73643	43.341	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	87007	34.039	ng	97
17) 2-Methylphenol	8.45	107	78893	44.606	ng	97
18) Hexachloroethane	9.09	117	35369	37.838	ng	91
19) n-Nitroso-di-n-propylamine	8.81	70	57991	37.901	ng	# 94
20) 3+4-Methylphenols	8.78	107	107019	43.727	ng	97
22) Acetophenone	8.83	105	133488	44.233	ng	# 99
24) Nitrobenzene	9.21	77	86725	41.944	ng	98
25) Isophorone	9.73	82	166684	41.365	ng	99
26) 2-Nitrophenol	9.93	139	59780	46.137	ng	# 92
27) 2,4-Dimethylphenol	9.99	122	92594	51.878	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	102513	40.363	ng	98
29) 2,4-Dichlorophenol	10.47	162	119149	51.023	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	131053	45.722	ng	99
31) Naphthalene	10.87	128	292874	44.708	ng	99
32) Benzoic acid	10.18	122	44048	36.387	ng	97
33) 4-Chloroaniline	10.98	127	78499	25.958	ng	96
34) Hexachlorobutadiene	11.15	225	88596	45.991	ng	98
35) Caprolactam	11.78	113	22163	28.443	ng	90
36) 4-Chloro-3-methylphenol	12.12	107	107694	48.581	ng	96
37) 2-Methylnaphthalene	12.48	142	247170	46.990	ng	99
38) 1-Methylnaphthalene	12.70	142	233220	46.678	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	174200	47.320	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	144684	74.821	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	114207	45.897	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	122843	47.639	nq	99
46) 1,1'-Biphenyl	13.49	154	334937	45.200	nq	97
47) 2-Chloronaphthalene	13.53	162	275004	43.041	nq	99
48) 2-Nitroaniline	13.74	65	60394	39.198	nq	97
49) Acenaphthylene	14.38	152	437099	45.471	nq	99
50) Dimethylphthalate	14.12	163	414227	50.080	nq	100
51) 2,6-Dinitrotoluene	14.23	165	86848	45.299	nq	97
52) Acenaphthene	14.73	154	255010	43.689	nq	97
53) 3-Nitroaniline	14.57	138	58014	30.257	nq	95
54) 2,4-Dinitrophenol	14.79	184	92334	72.114	nq	98
55) Dibenzofuran	15.06	168	443615	45.914	nq	98
56) 4-Nitrophenol	14.90	139	105422	77.376	nq	94
57) 2,4-Dinitrotoluene	15.03	165	122246	44.527	nq	99
58) Fluorene	15.71	166	363063	45.969	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	113950	44.686	nq	98
60) Diethylphthalate	15.47	149	350292	43.323	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	221308	46.483	nq	98
62) 4-Nitroaniline	15.74	138	80709	39.330	nq	92
63) Azobenzene	16.00	77	226993	40.970	nq	94
65) 4,6-Dinitro-2-methylphenol	15.80	198	78791	48.424	nq	98
66) n-Nitrosodiphenylamine	15.91	169	338405	47.415	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	156129	47.429	nq	98
68) Hexachlorobenzene	16.72	284	164382	45.936	nq	99
69) Atrazine	16.87	200	120650	47.803	nq	96
70) Pentachlorophenol	17.07	266	153537	82.576	nq	99
71) Phenanthrene	17.46	178	581600	45.117	nq	99
72) Anthracene	17.55	178	598409	46.500	nq	98
73) Carbazole	17.82	167	471697	41.127	nq	97
74) Di-n-butylphthalate	18.37	149	543535	40.090	nq	100
75) Fluoranthene	19.47	202	646368	41.085	nq	96
77) Benzidine	19.64	184	276901	45.105	nq	98
78) Pyrene	19.83	202	626492	47.722	nq	98
80) Butylbenzylphthalate	20.71	149	206263	39.947	nq	95
81) Benzo(a)anthracene	21.67	228	600510	46.102	nq	97
82) 3,3'-Dichlorobenzidine	21.58	252	183778	35.081	nq	99
83) Chrysene	21.74	228	573279	45.636	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	299382	41.760	nq	97
85) Di-n-octyl phthalate	22.78	149	530006	42.984	nq	98
86) Indeno(1,2,3-cd)pyrene	28.66	276	773635	45.318	nq	# 98
88) Benzo(b)fluoranthene	23.91	252	661745	45.589	nq	# 97
89) Benzo(k)fluoranthene	23.97	252	651292	46.679	nq	# 98
90) Benzo(a)pyrene	24.79	252	653760	47.463	nq	# 98
91) Dibenzo(a,h)anthracene	28.72	278	642044	46.037	nq	98
92) Benzo(g,h,i)perylene	29.81	276	648925	46.523	nq	97

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

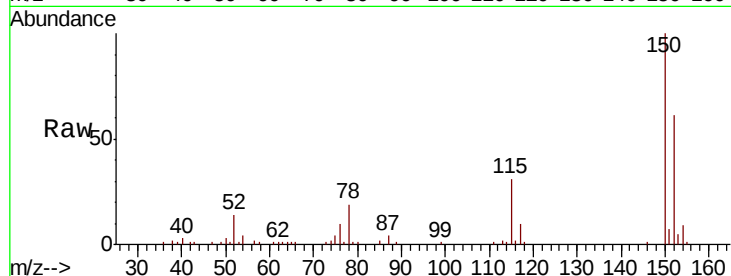


#1

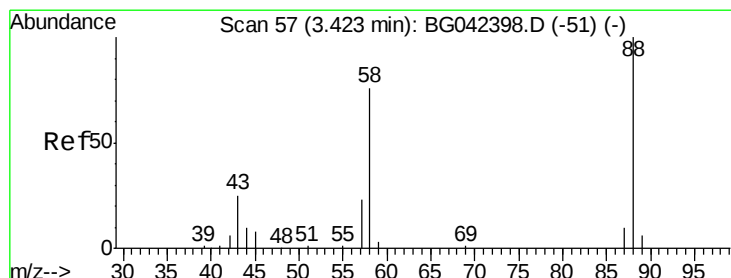
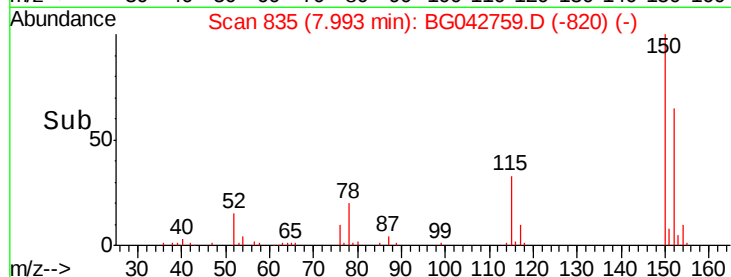
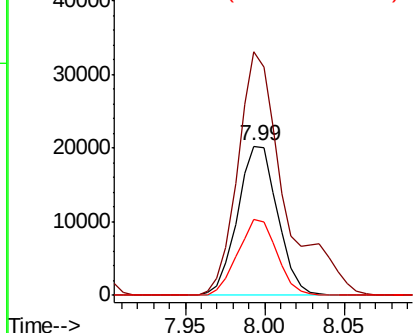
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35411
Ion Ratio Lower Upper
152 100
150 162.8 125.4 188.0
115 51.1 38.5 57.7



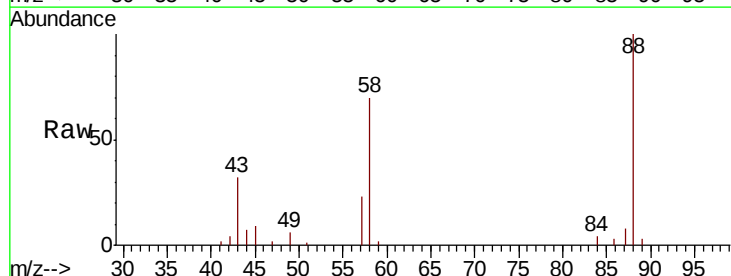
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



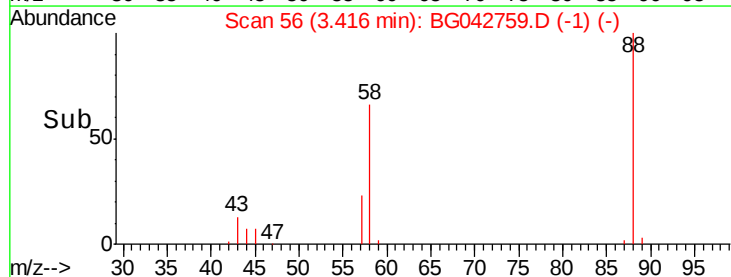
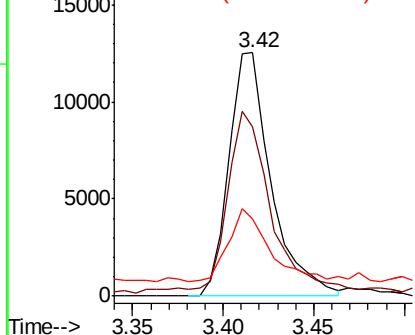
#2

1,4-Dioxane
Concen: 27.861 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Tgt Ion: 88 Resp: 20329
Ion Ratio Lower Upper
88 100
58 77.2 58.3 87.5
43 28.1 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: 27.311 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Instrument :

BNA_G

ClientSampleId :

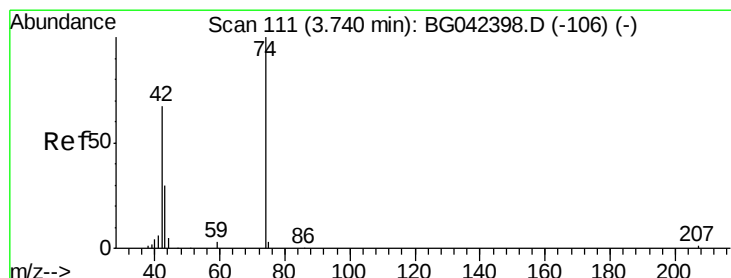
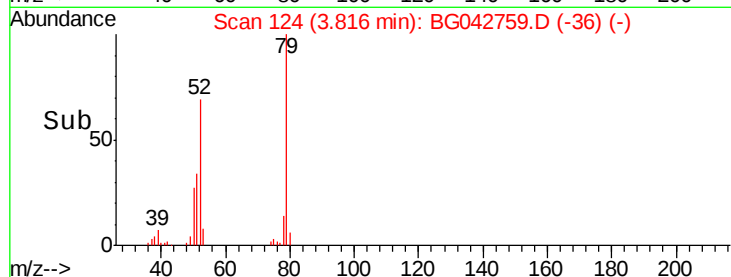
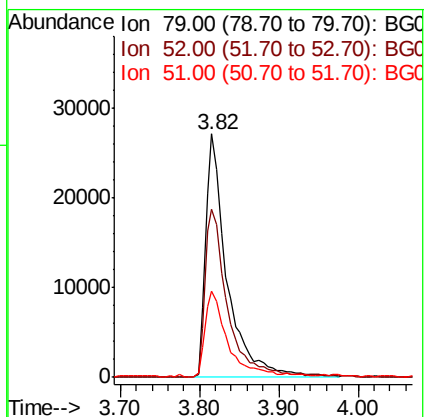
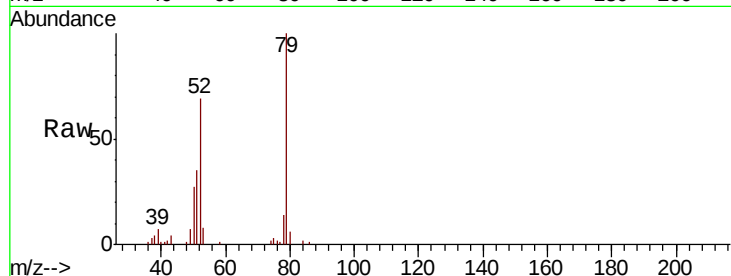
Tot Ion: 79 Resp: 51100

Ion Ratio Lower Upper

79 100

52 68.8 57.7 86.5

51 35.4 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 40.288 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

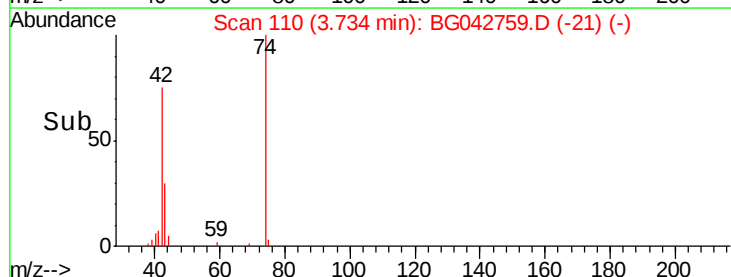
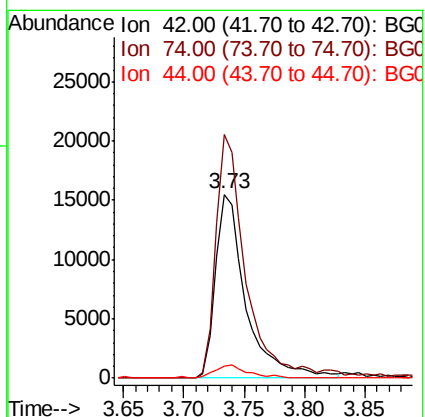
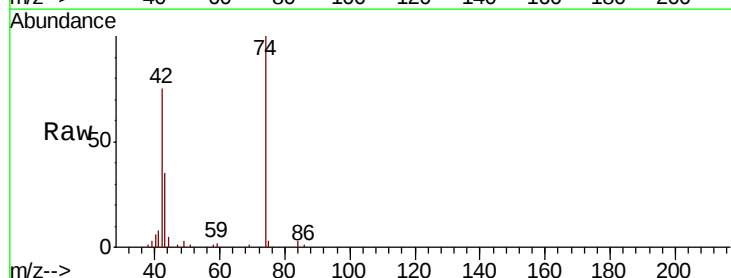
Tgt Ion: 42 Resp: 26923

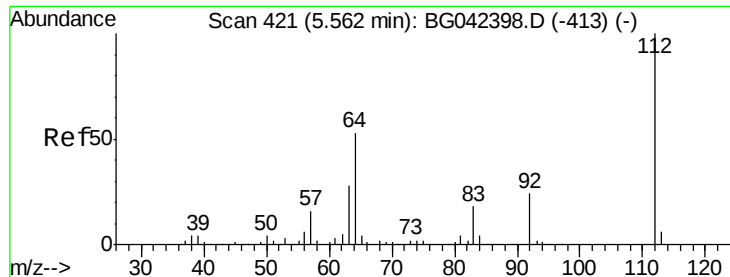
Ion Ratio Lower Upper

42 100

74 132.5 119.6 179.4

44 6.6 6.5 9.7





#5

2-Fluorophenol

Concen: 108.112 ng

RT: 5.55 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Instrument :

BNA_G

ClientSampleId :

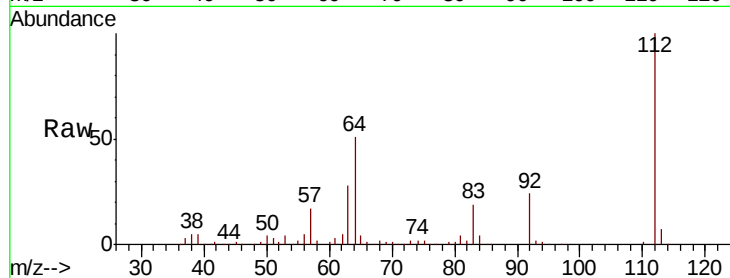
Tot Ion:112 Resp: 189028

Ion Ratio Lower Upper

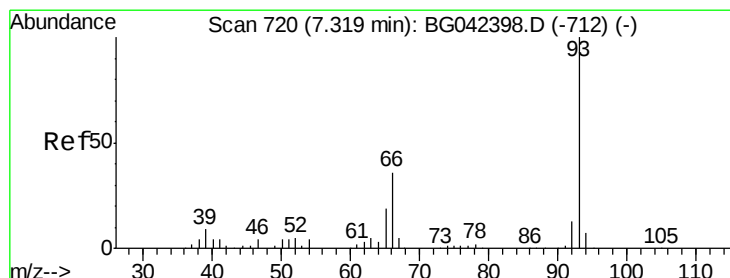
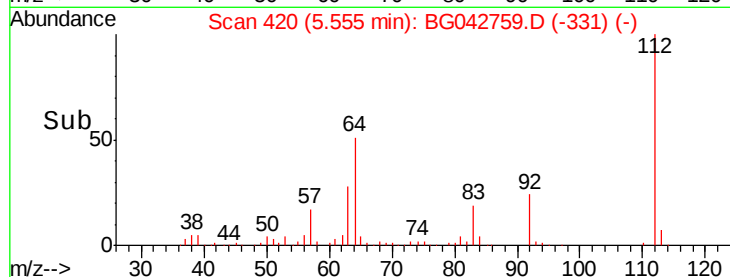
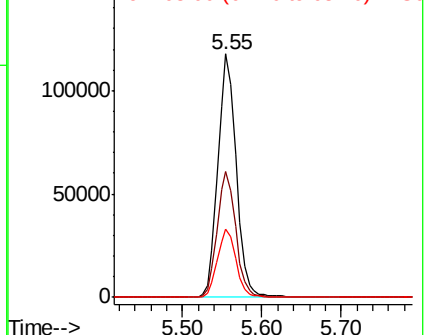
112 100

64 51.4 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: 32.417 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

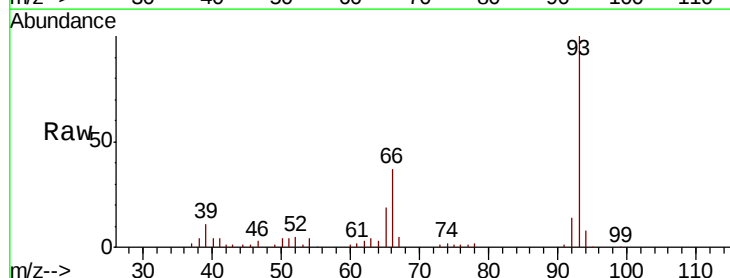
Tgt Ion: 93 Resp: 102115

Ion Ratio Lower Upper

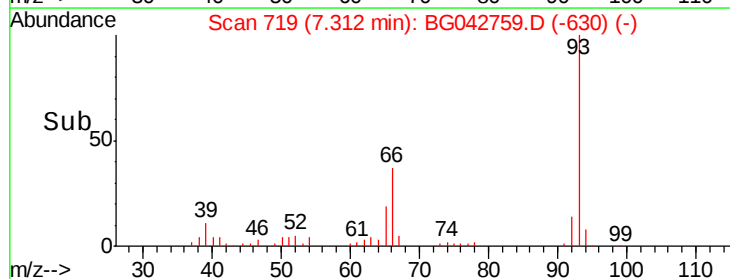
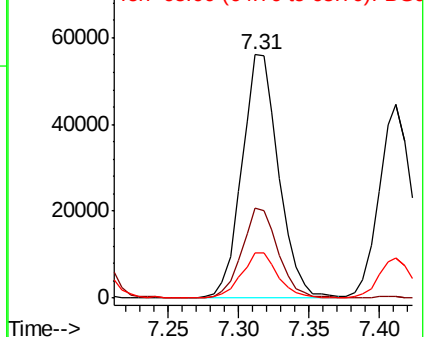
93 100

66 36.8 29.0 43.6

65 18.8 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: 110.721 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Instrument :

BNA_G

ClientSampleId :

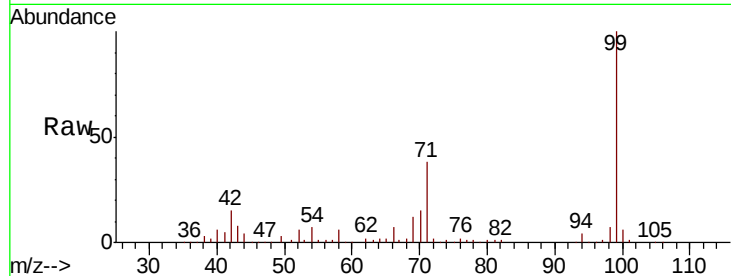
Tot Ion: 99 Resp: 261495

Ion Ratio Lower Upper

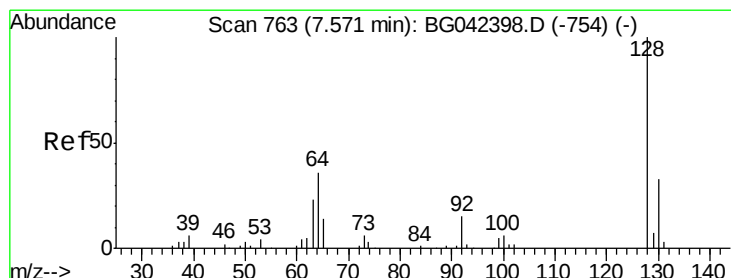
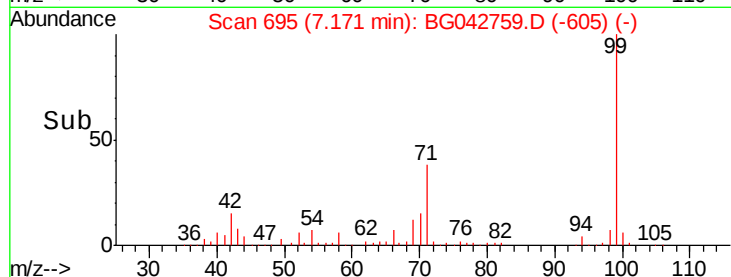
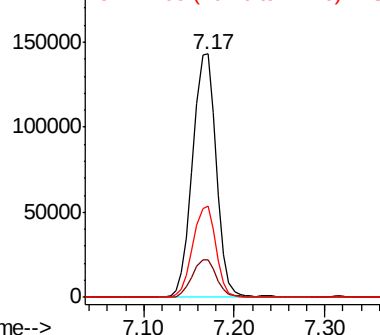
99 100

42 15.3 12.0 18.0

71 37.5 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: 45.545 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

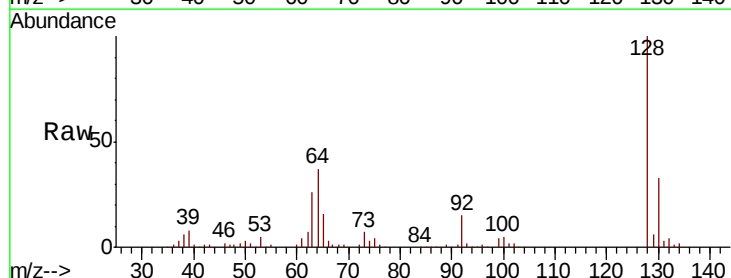
Tgt Ion: 128 Resp: 96508

Ion Ratio Lower Upper

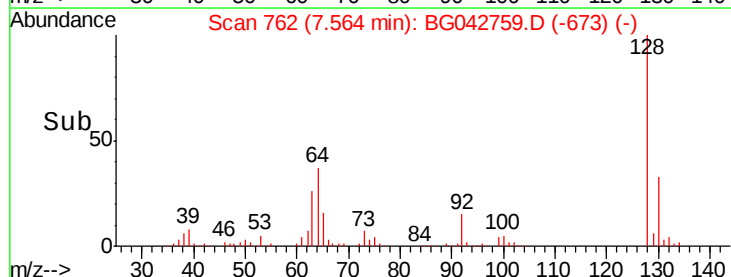
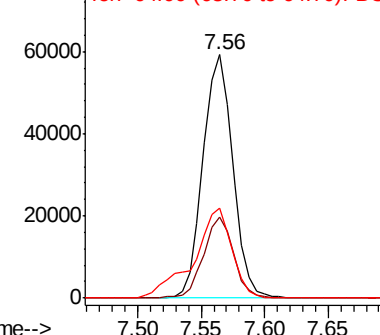
128 100

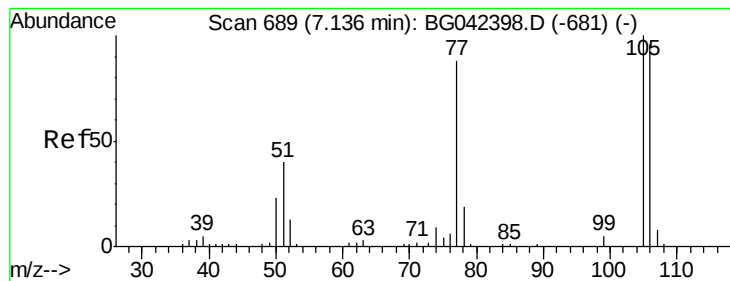
130 33.2 12.8 52.8

64 37.0 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: 39.253 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Instrument :

BNA_G

ClientSampleId :

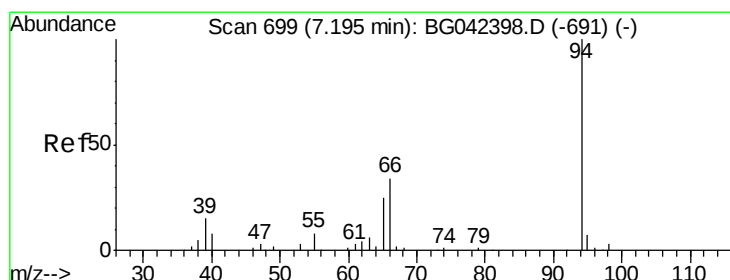
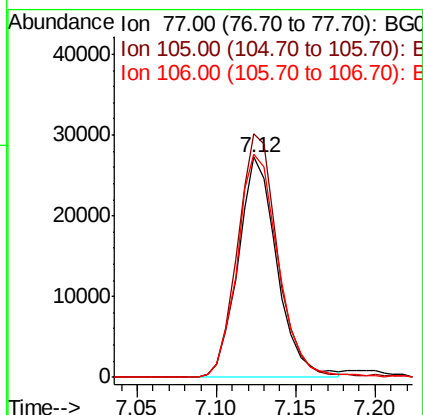
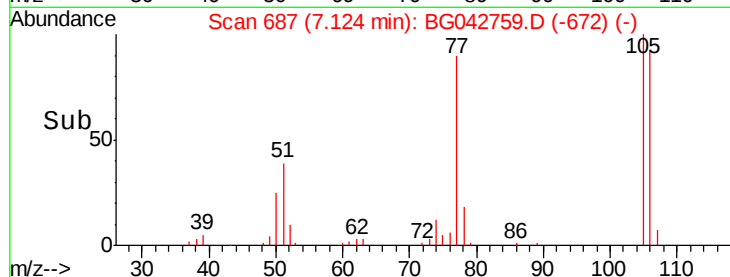
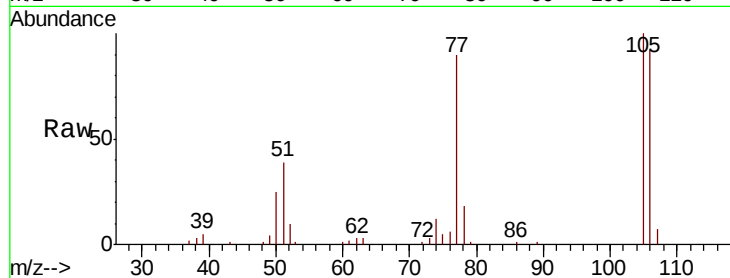
Tot Ion: 77 Resp: 46412

Ion Ratio Lower Upper

77 100

105 110.7 93.4 133.4

106 101.6 88.4 128.4



#10

Phenol

Concen: 46.772 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

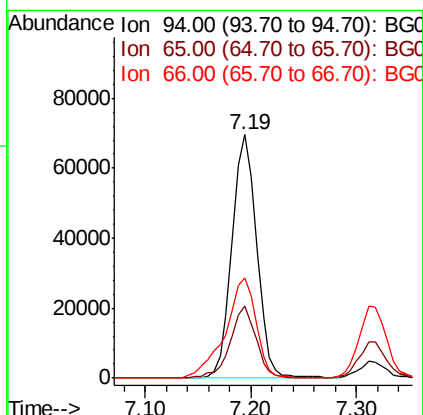
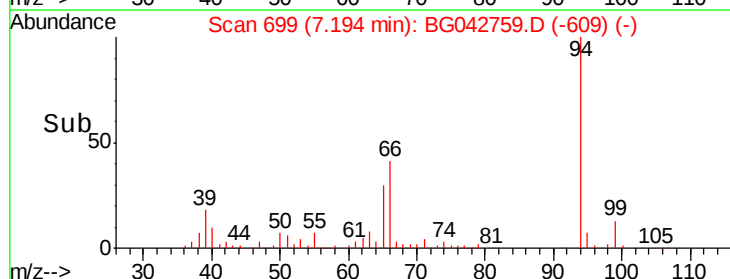
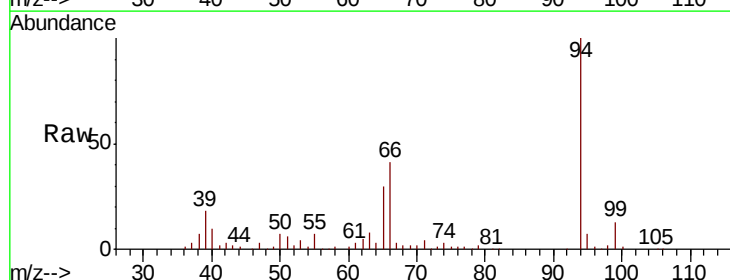
Tgt Ion: 94 Resp: 112314

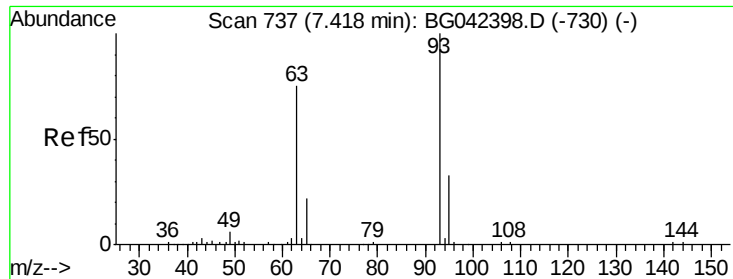
Ion Ratio Lower Upper

94 100

65 29.7 5.6 45.6

66 41.4 16.0 56.0

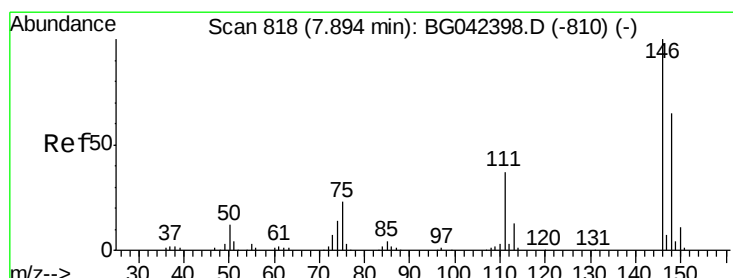
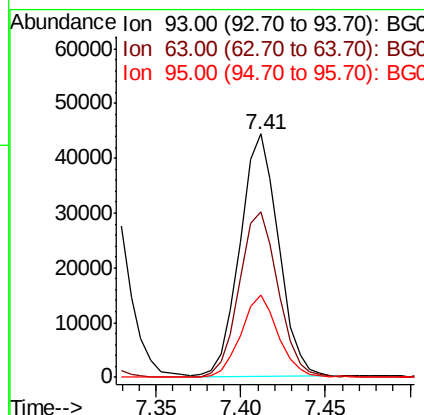
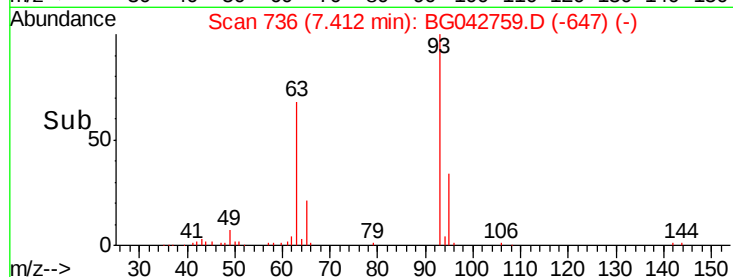
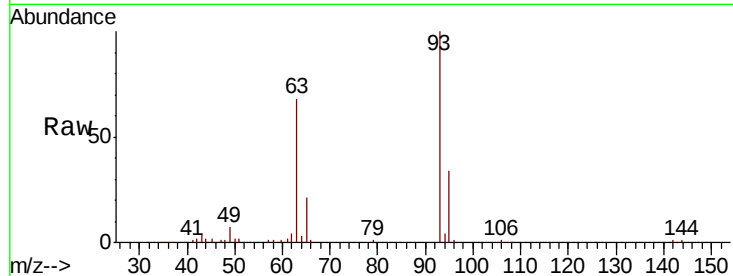




#11
 bis(2-Chloroethyl)ether
 Concen: 37.341 ng
 RT: 7.41 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

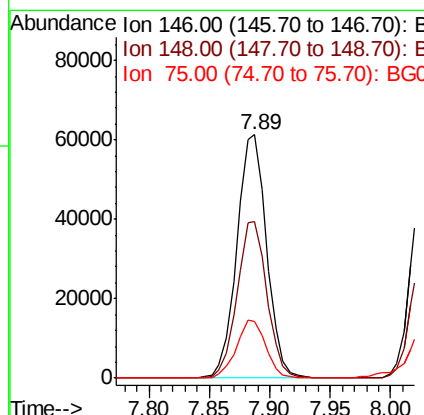
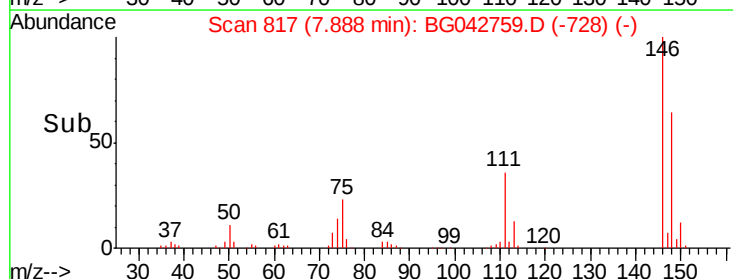
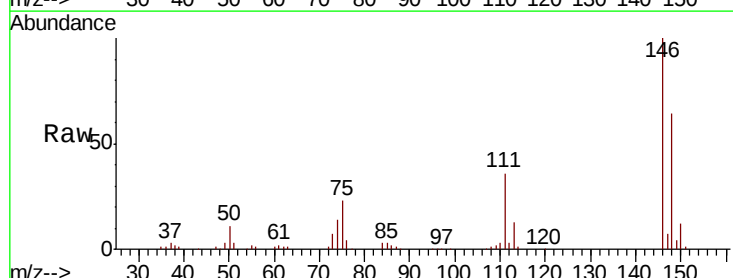
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 93 Resp: 70420
 Ion Ratio Lower Upper
 93 100
 63 68.2 53.8 93.8
 95 34.0 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 39.134 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Tgt Ion: 146 Resp: 105489
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.2
 75 23.2 18.0 27.0

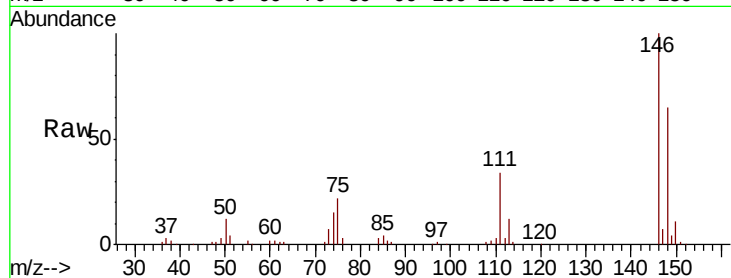




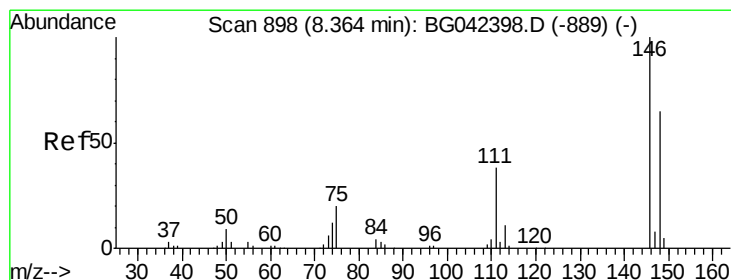
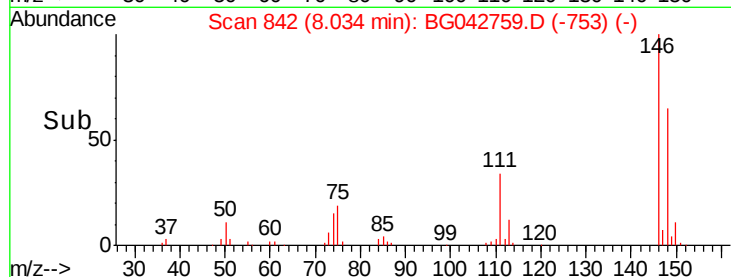
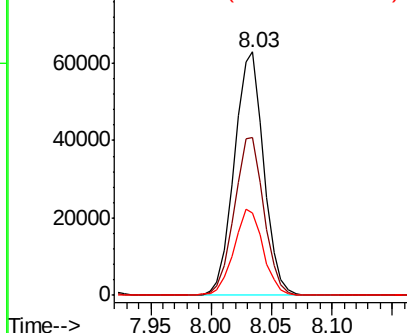
#13
 1,4-Dichlorobenzene
 Concen: 39.155 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 106912
 Ion Ratio Lower Upper
 146 100
 148 64.7 49.5 74.3
 111 34.1 28.1 42.1

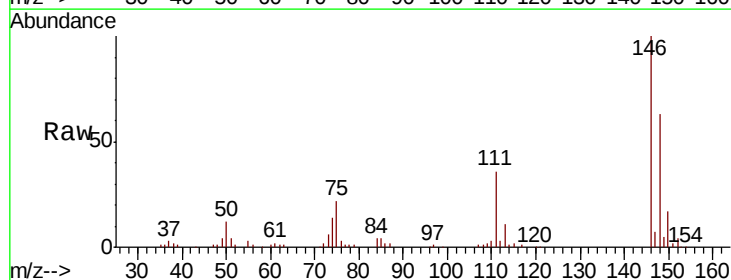


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

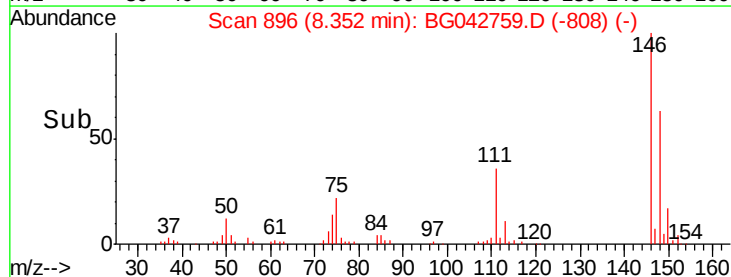
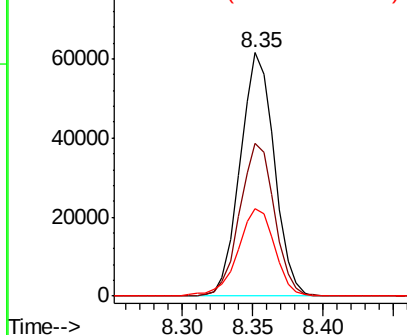


#14
 1,2-Dichlorobenzene
 Concen: 39.760 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Tgt Ion:146 Resp: 103965
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.8 77.6
 111 35.8 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: 43.341 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Instrument :

BNA_G

ClientSampled :

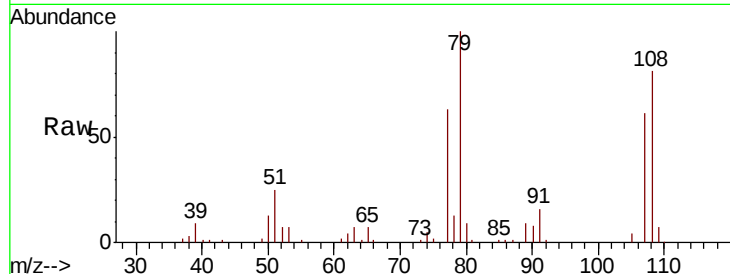
Tot Ion: 79 Resp: 73643

Ion Ratio Lower Upper

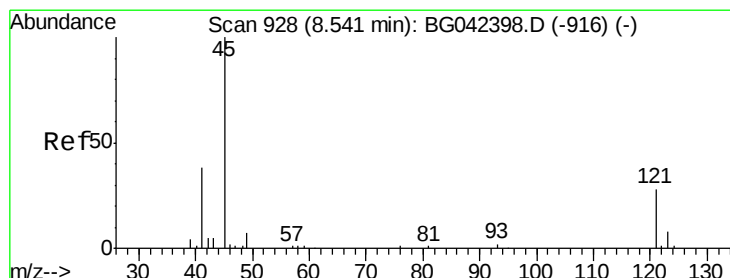
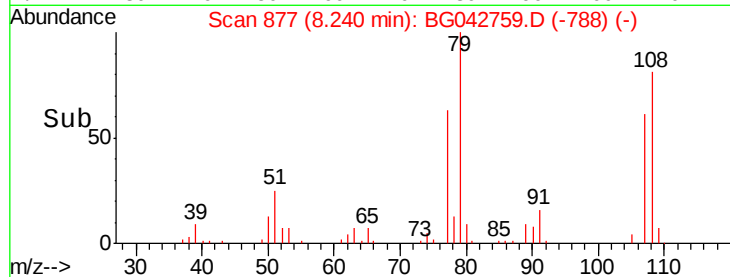
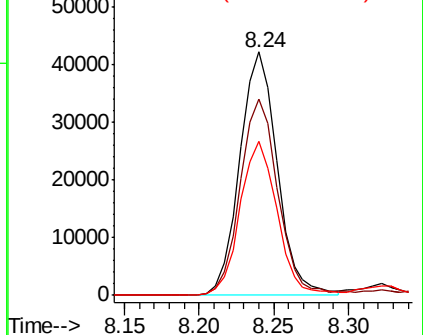
79 100

108 80.7 67.4 101.2

77 63.1 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: 34.039 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

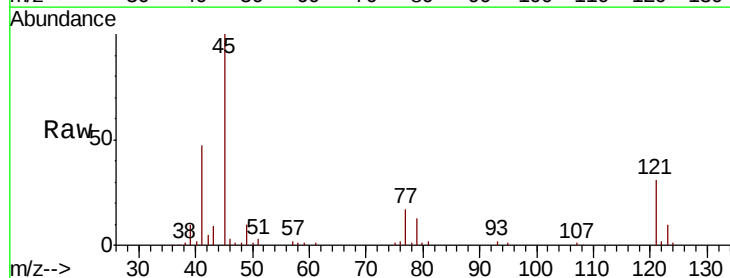
Tgt Ion: 45 Resp: 87007

Ion Ratio Lower Upper

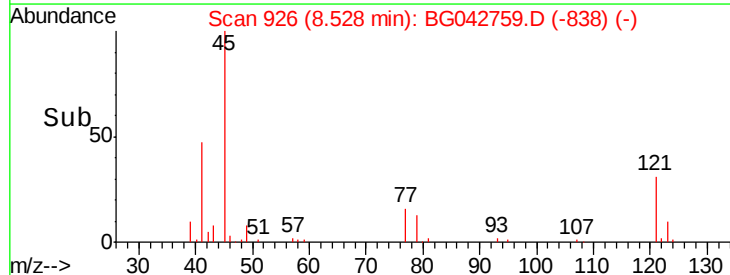
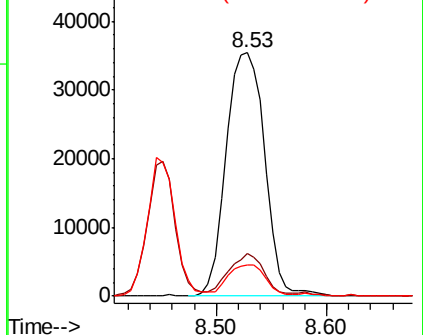
45 100

77 17.4 0.0 35.6

79 12.5 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

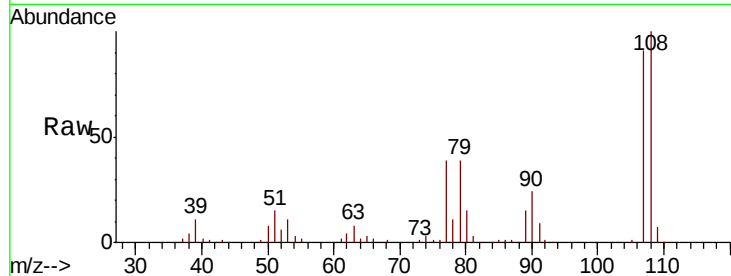




#17
2-Methylphenol
Concen: 44.606 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	78893
Ion	Ratio	Lower	Upper
107	100		
108	110.1	92.9	139.3
77	43.1	34.4	51.6
79	42.6	33.8	50.6



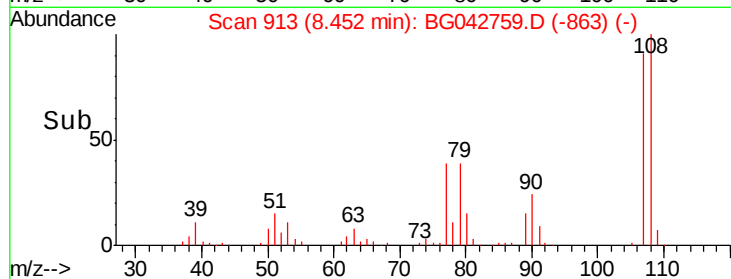
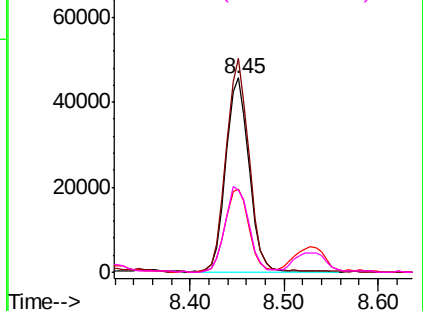
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

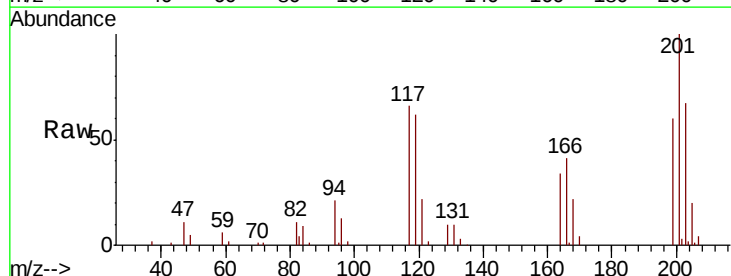
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.838 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Tgt Ion:	117	Resp:	35369
Ion	Ratio	Lower	Upper
117	100		
119	94.5	73.8	110.8
201	151.7	108.3	162.5

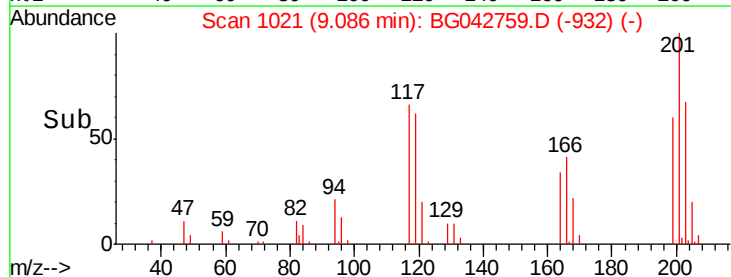
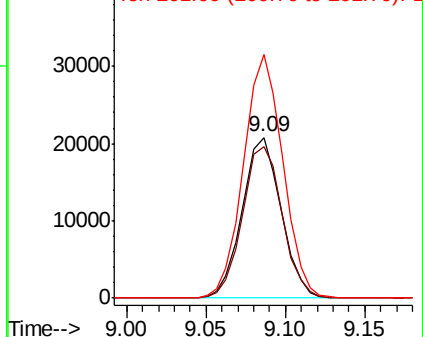


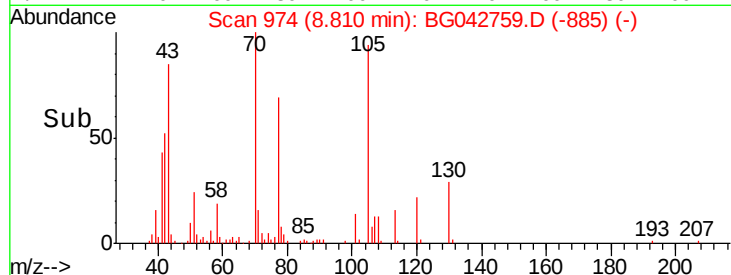
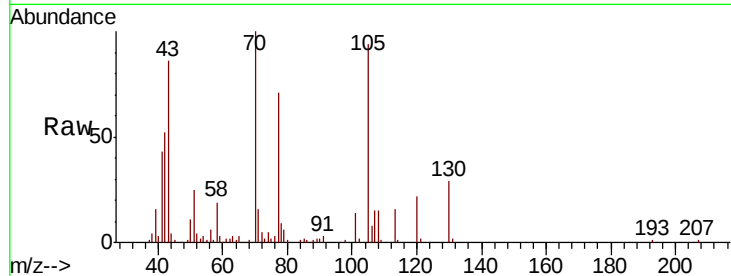
Abundance

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

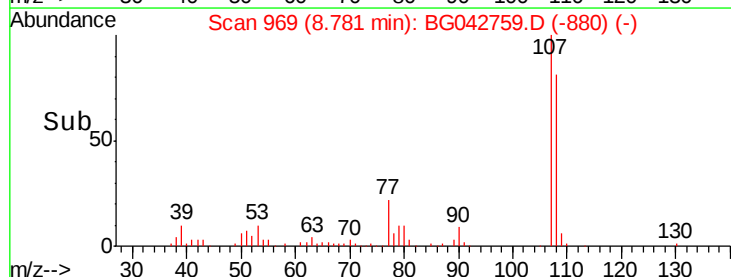
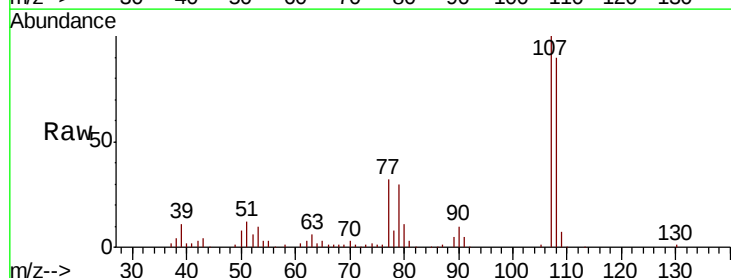
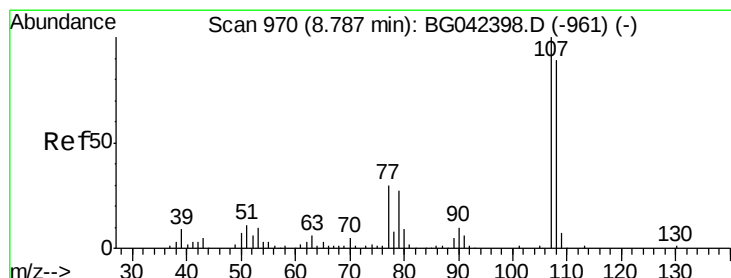
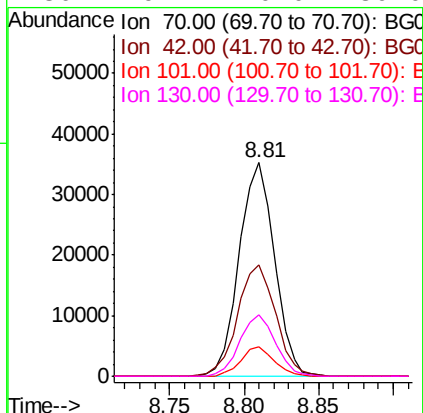




#19
n-Nitroso-di-n-propylamine
Concen: 37.901 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

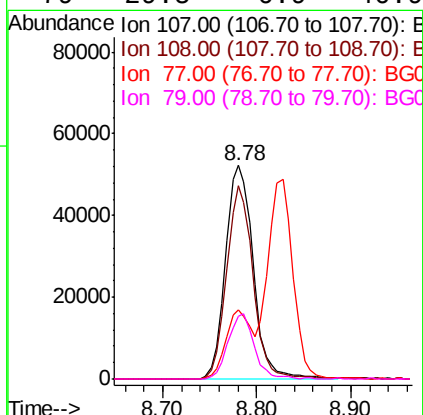
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	57991
Ion	Ratio	Lower	Upper
70	100		
42	51.9	38.8	58.2
101	14.1	9.0	13.6
130	29.1	20.0	30.0



#20
3+4-Methylphenols
Concen: 43.727 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Tgt Ion:	107	Resp:	107019
Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.7	108.7
77	32.5	10.2	50.2
79	29.5	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: BG042759.D

Acq: 6 Sep 2019 22:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 141098

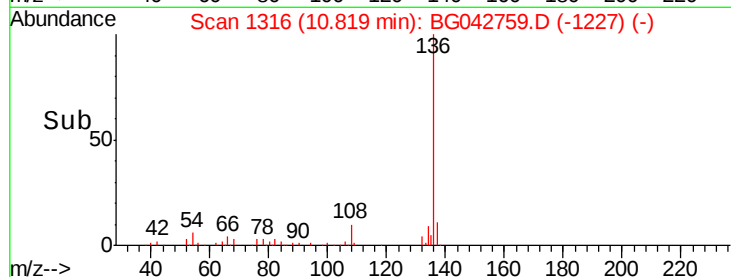
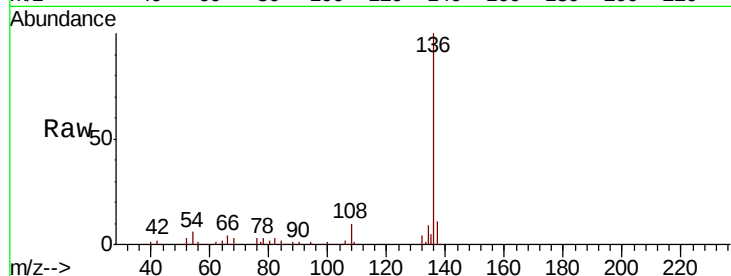
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 5.9 4.9 7.3

68 3.3 3.6 5.4#

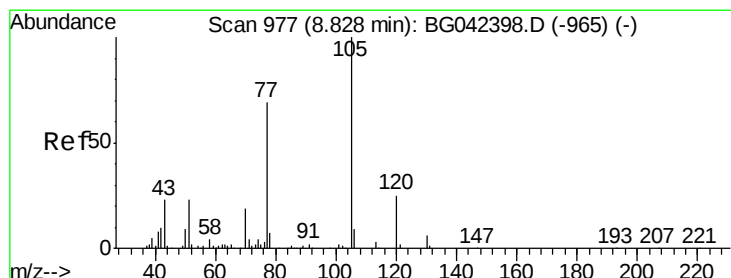
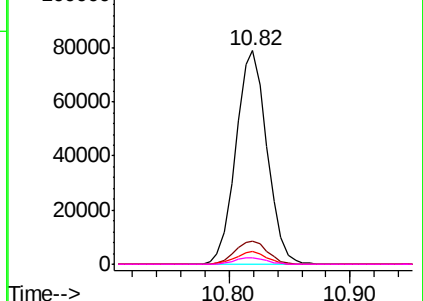


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.233 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Tgt Ion:105 Resp: 133488

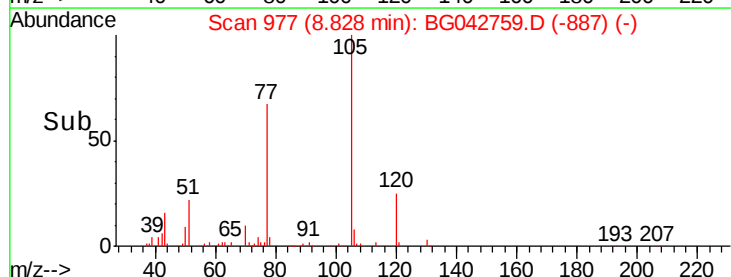
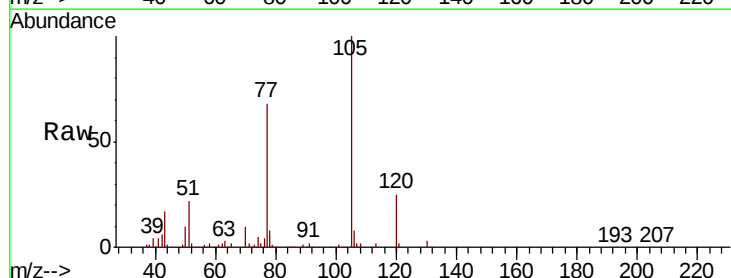
Ion Ratio Lower Upper

105 100

71 1.8 2.8 4.2#

51 22.5 18.7 28.1

120 25.4 20.1 30.1

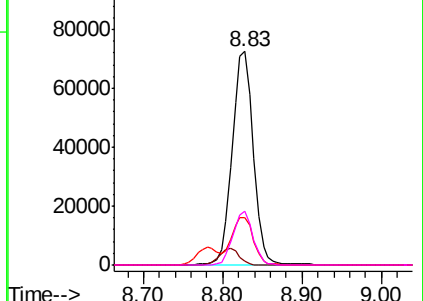


Abundance Ion 105.00 (104.70 to 105.70): E

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

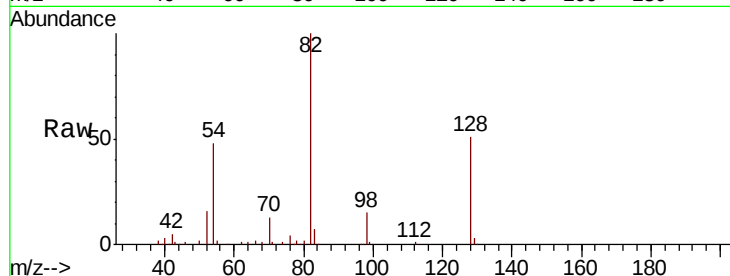




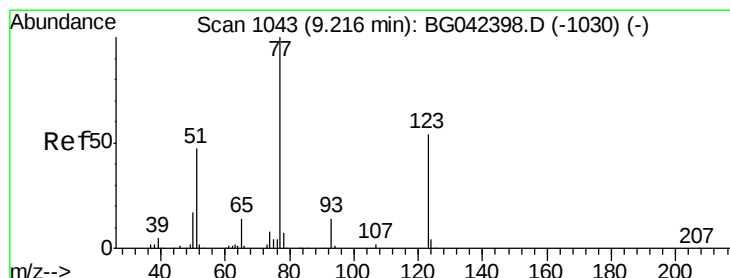
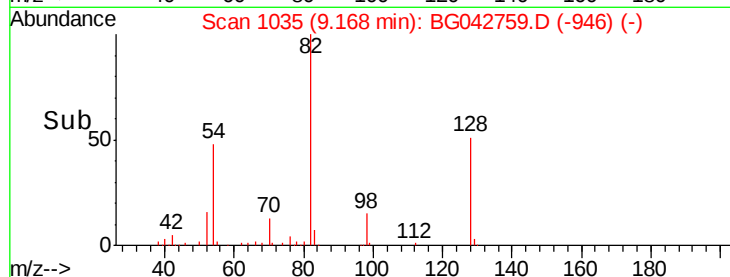
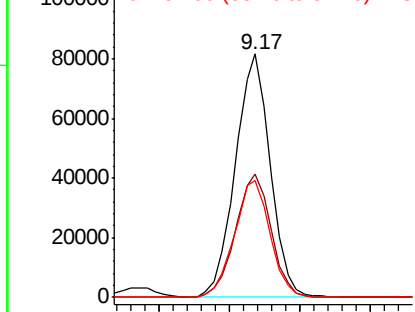
#23
Nitrobenzene-d5
Concen: 68.963 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	140810
Ion	Ratio	Lower	Upper
82	100		
128	50.8	40.7	61.1
54	47.9	36.3	54.5

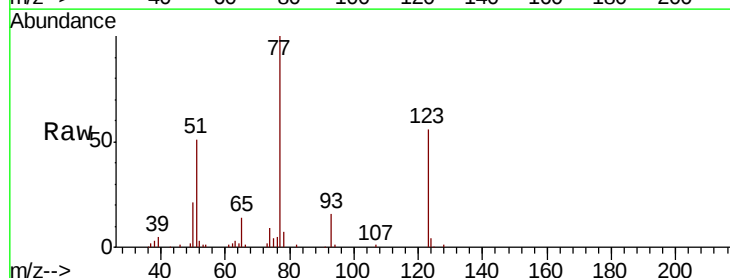


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

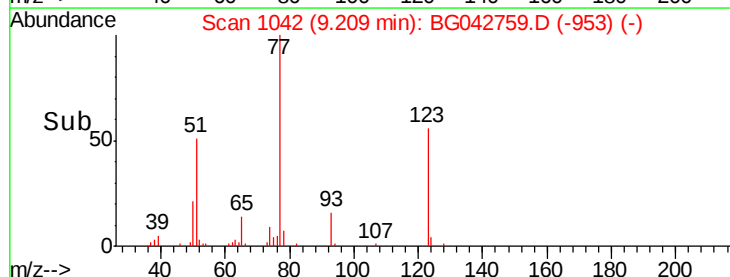
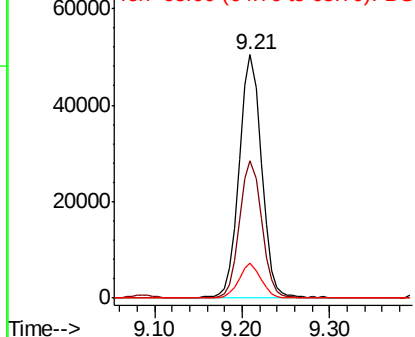


#24
Nitrobenzene
Concen: 41.944 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Tgt Ion	77	Resp	86725
Ion	Ratio	Lower	Upper
77	100		
123	56.2	43.4	65.0
65	14.3	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: 41.365 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Instrument :

BNA_G

ClientSampleId :

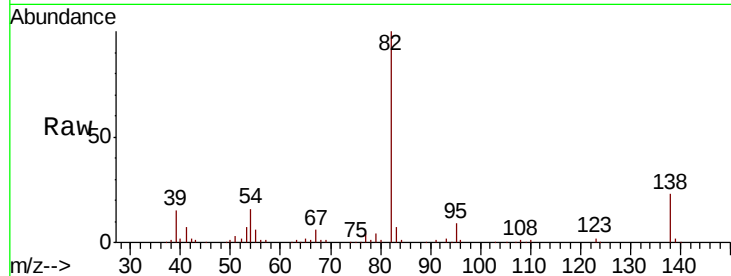
Tot Ion: 82 Resp: 166684

Ion Ratio Lower Upper

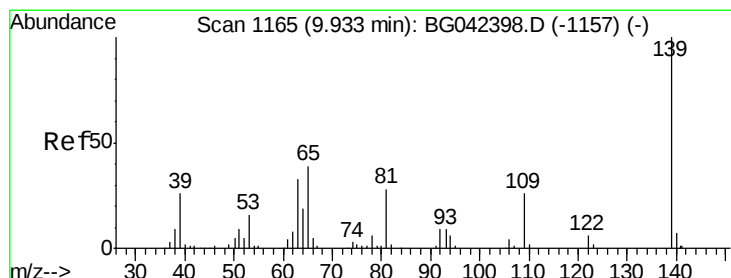
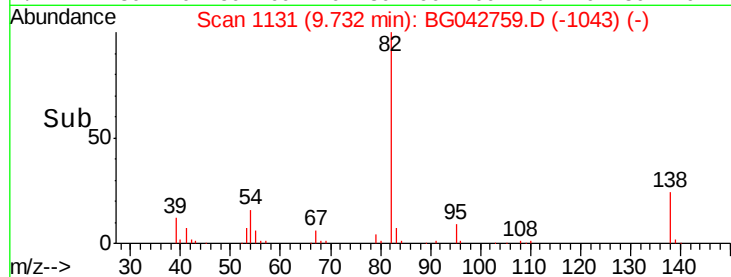
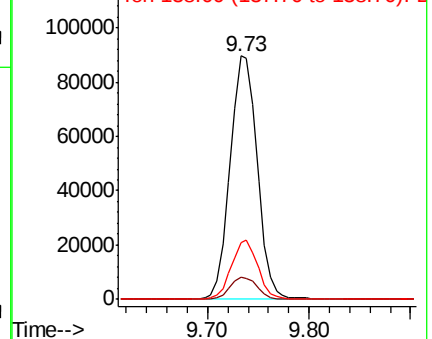
82 100

95 9.3 6.6 9.8

138 23.4 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: 46.137 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

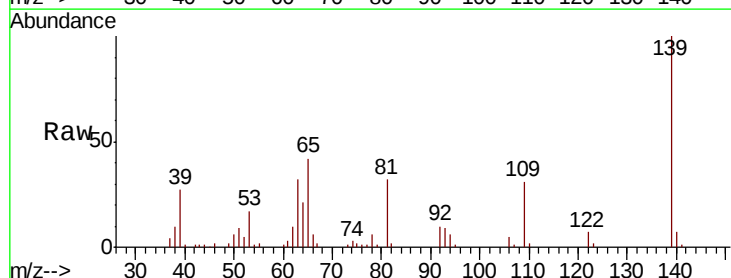
Tgt Ion: 139 Resp: 59780

Ion Ratio Lower Upper

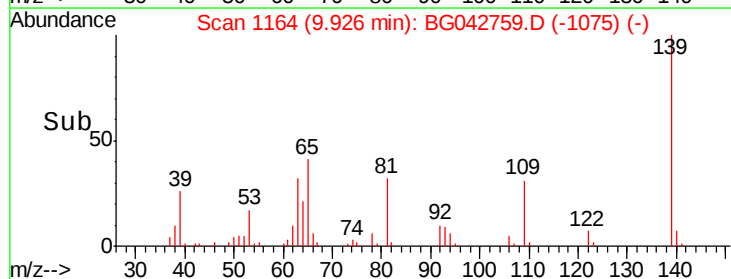
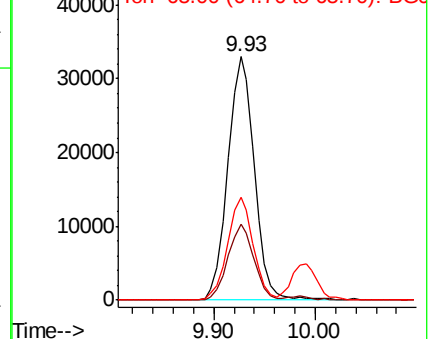
139 100

109 31.0 20.5 30.7#

65 42.0 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

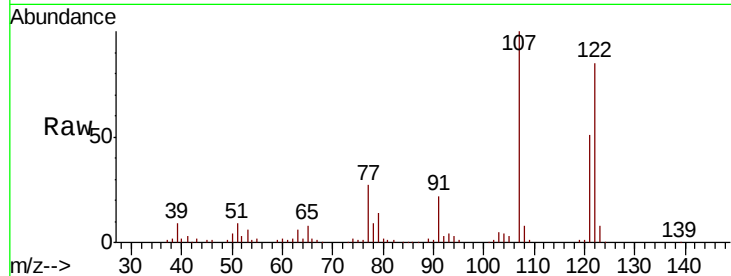




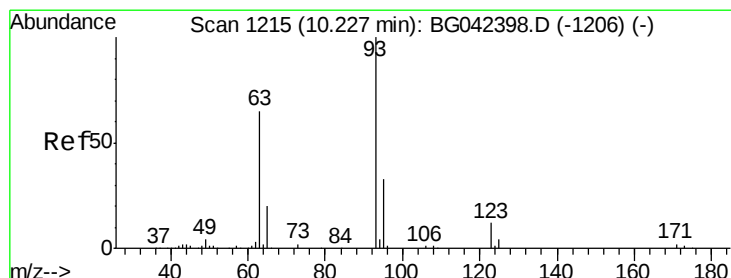
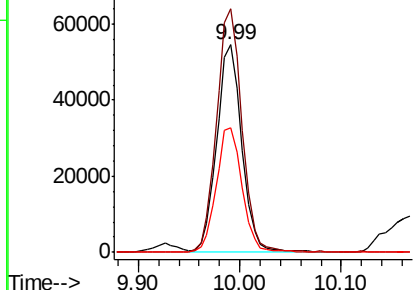
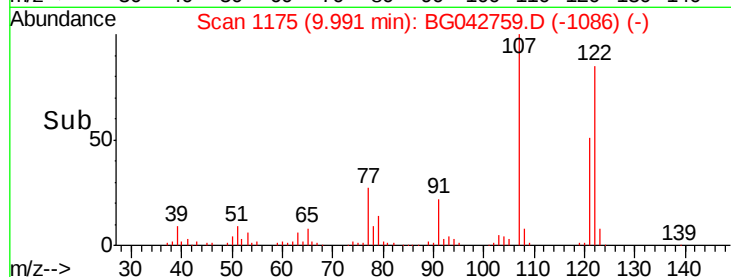
#27
2,4-Dimethylphenol
Concen: 51.878 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 92594
Ion Ratio Lower Upper
122 100
107 117.4 90.8 136.2
121 60.0 49.6 74.4

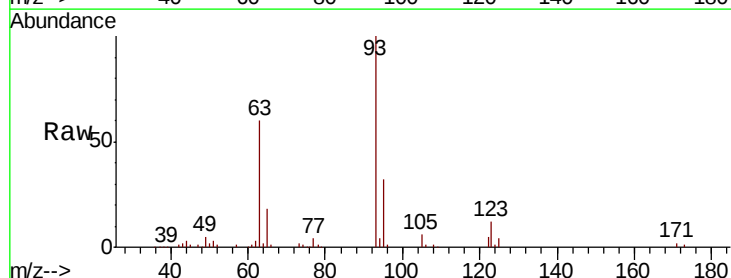


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

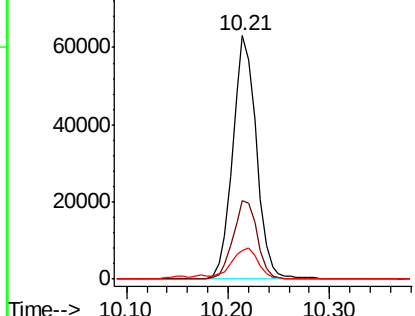
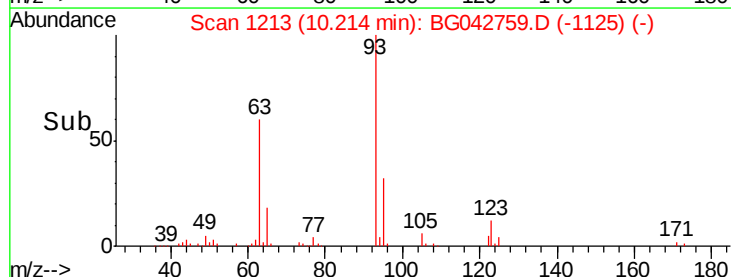


#28
bis(2-Chloroethoxy)methane
Concen: 40.363 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Tgt Ion: 93 Resp: 102513
Ion Ratio Lower Upper
93 100
95 32.2 26.6 40.0
123 12.0 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

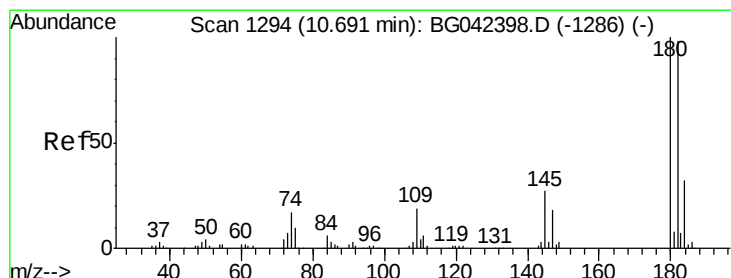
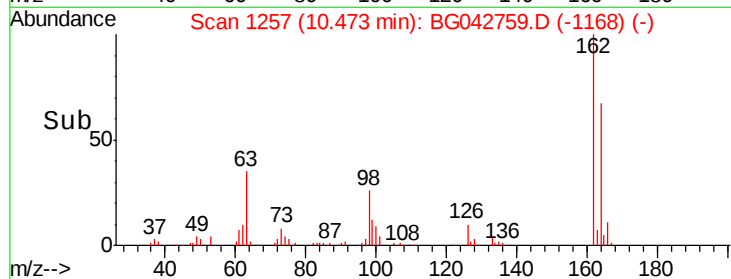
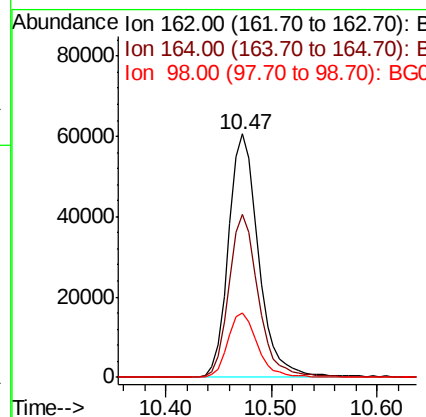
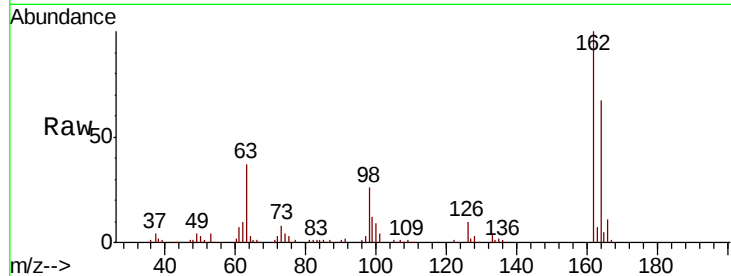




#29
2,4-Dichlorophenol
Concen: 51.023 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

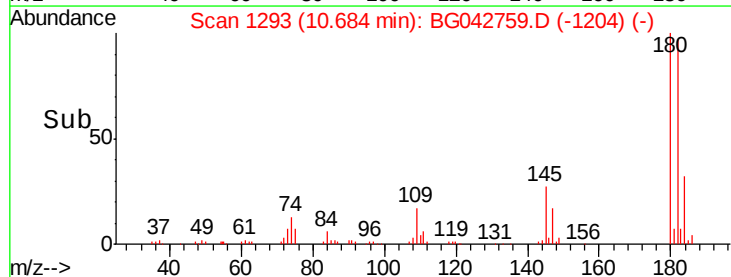
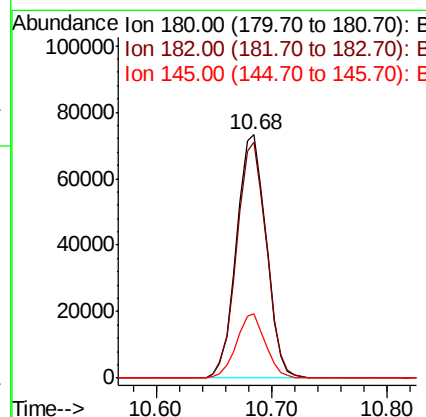
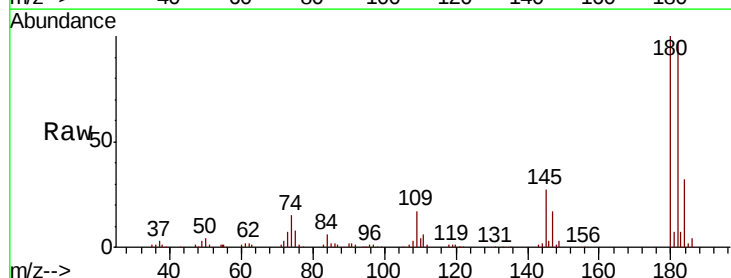
Instrument :
BNA_G
ClientSampleId :

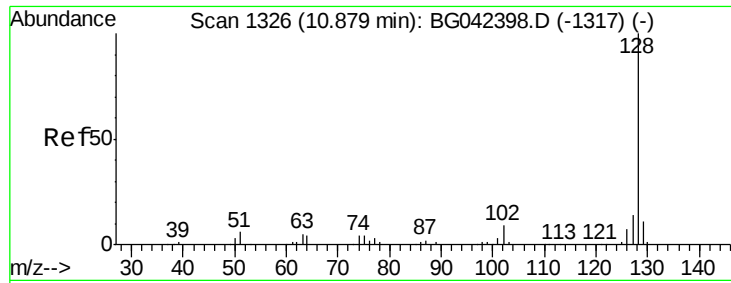
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	48.1	88.1
98	26.5	7.6	47.6



#30
1,2,4-Trichlorobenzene
Concen: 45.722 ng
RT: 10.68 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	78.7	118.1
145	26.6	21.6	32.4

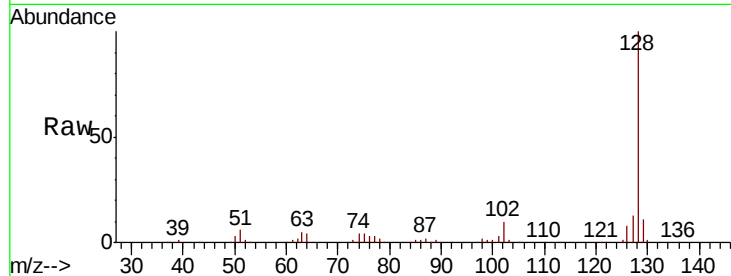




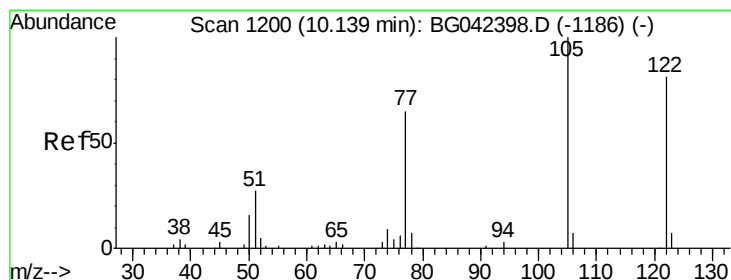
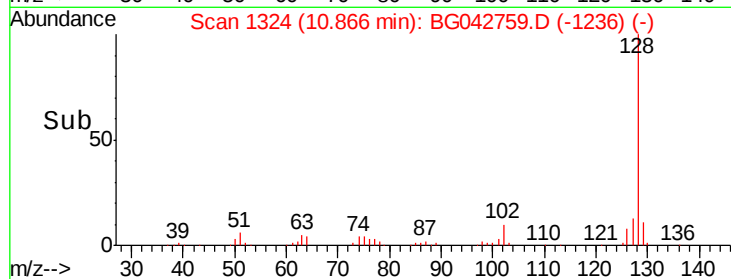
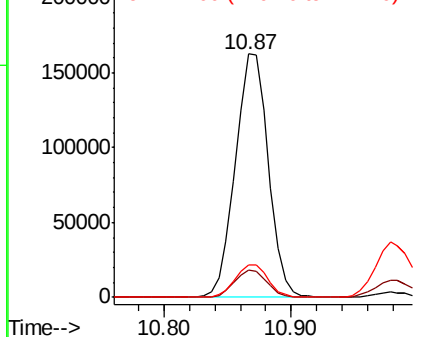
#31
Naphthalene
Concen: 44.708 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 292874
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 11.4 17.0

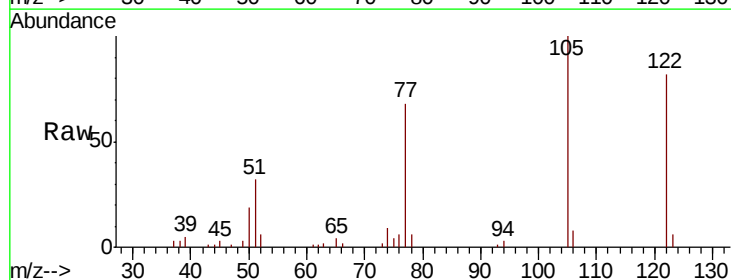


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

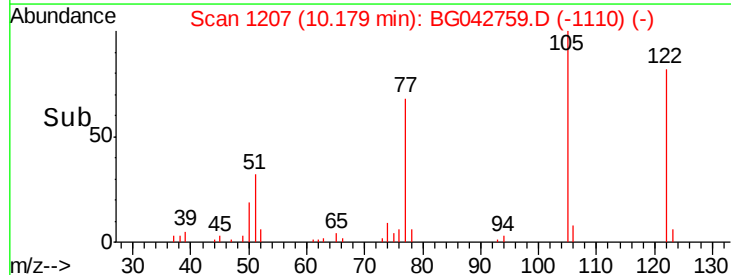
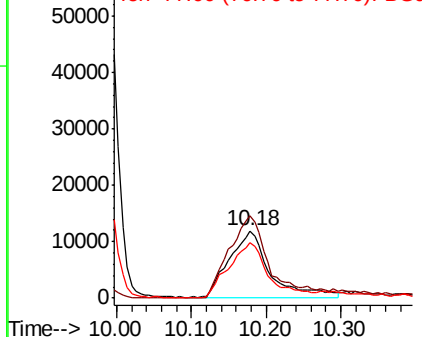


#32
Benzoic acid
Concen: 36.387 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.04 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Tgt Ion:122 Resp: 44048
Ion Ratio Lower Upper
122 100
105 122.2 99.6 139.6
77 83.0 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): BGO

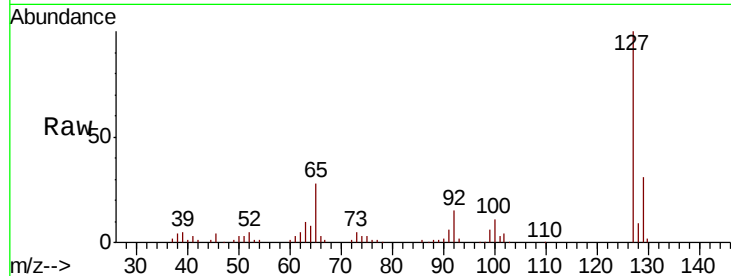




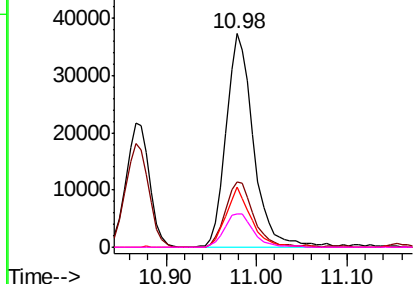
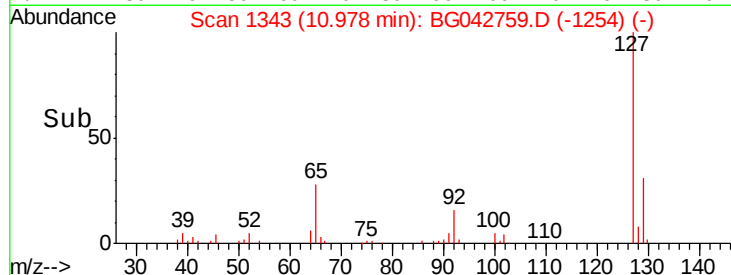
#33
4-Chloroaniline
Concen: 25.958 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	78499
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.8	40.2
65	28.3	20.7	31.1
92	15.5	13.6	20.4

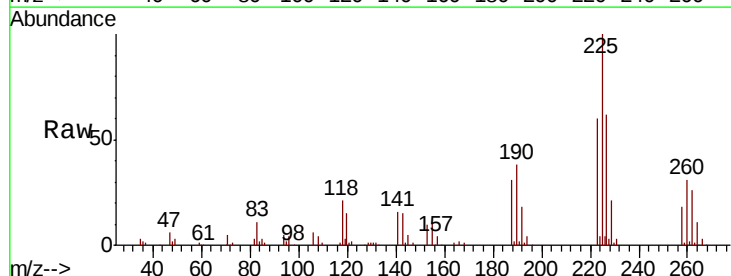


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

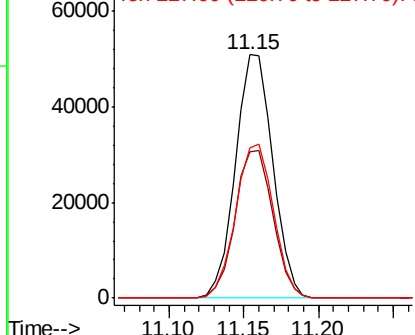
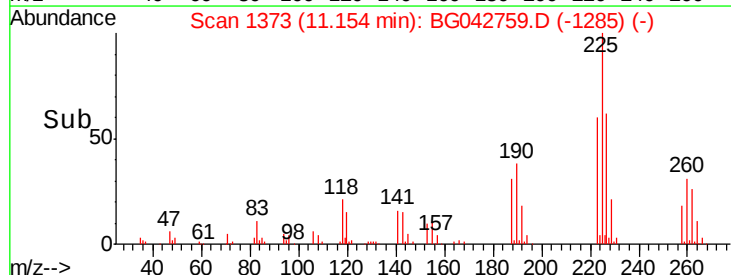


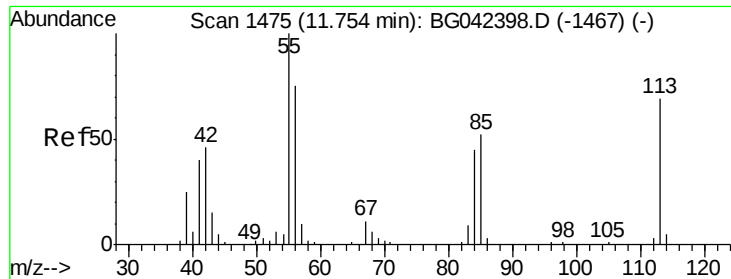
#34
Hexachlorobutadiene
Concen: 45.991 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Tgt Ion:	225	Resp:	88596
Ion	Ratio	Lower	Upper
225	100		
223	60.1	49.8	74.6
227	61.8	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

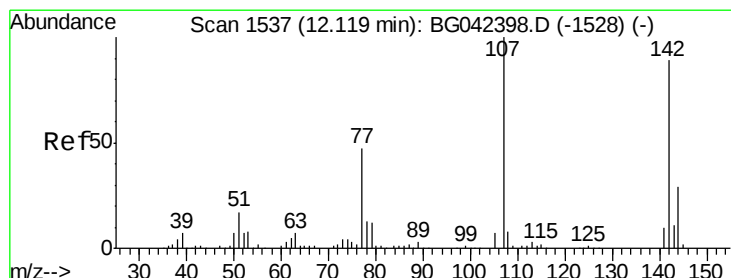
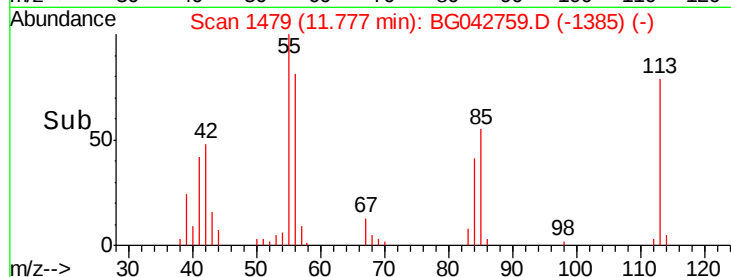
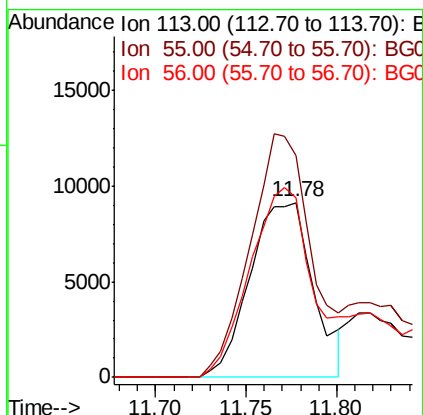
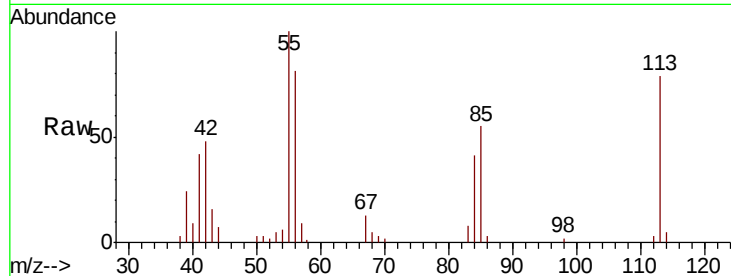




#35
 Caprolactam
 Concen: 28.443 ng
 RT: 11.78 min Scan# 1479
 Delta R.T. 0.02 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

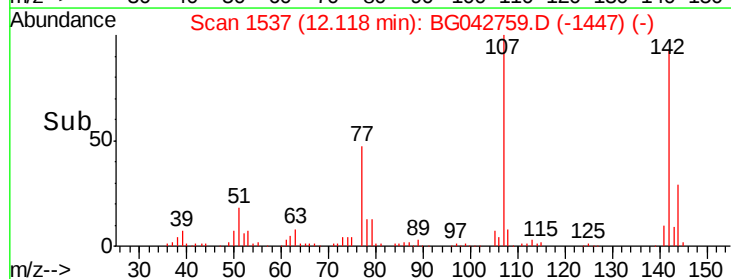
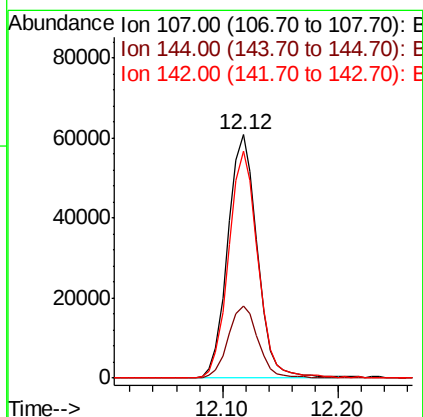
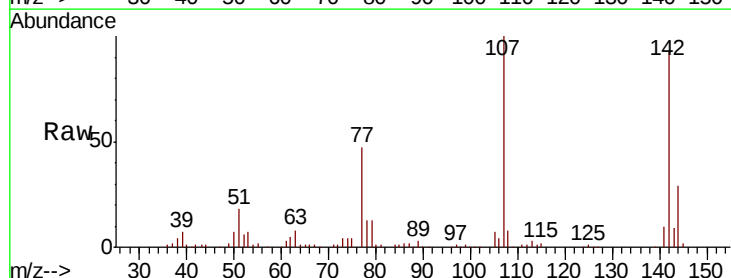
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 22163
 Ion Ratio Lower Upper
 113 100
 55 127.1 124.6 164.6
 56 102.7 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 48.581 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Tgt Ion:107 Resp: 107694
 Ion Ratio Lower Upper
 107 100
 144 29.4 23.6 35.4
 142 93.1 71.0 106.4

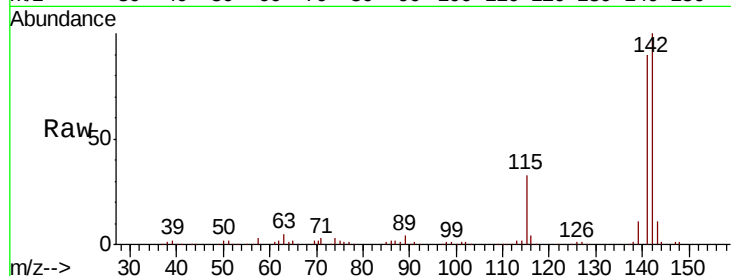




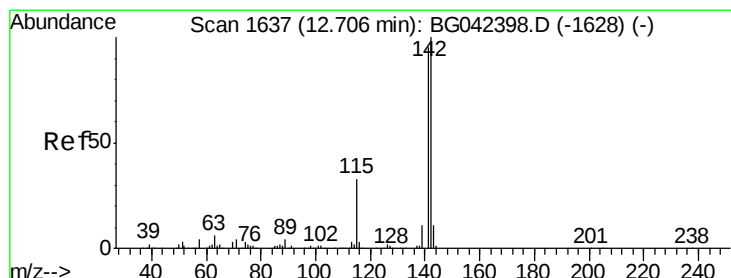
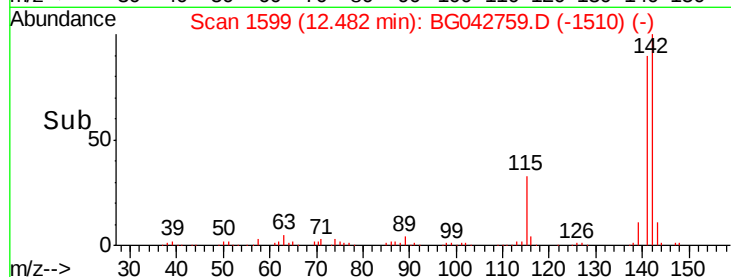
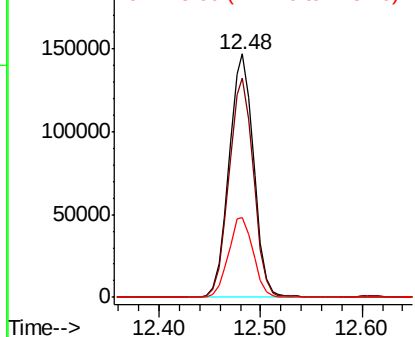
#37
 2-Methylnaphthalene
 Concen: 46.990 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	32.5	25.2	37.8

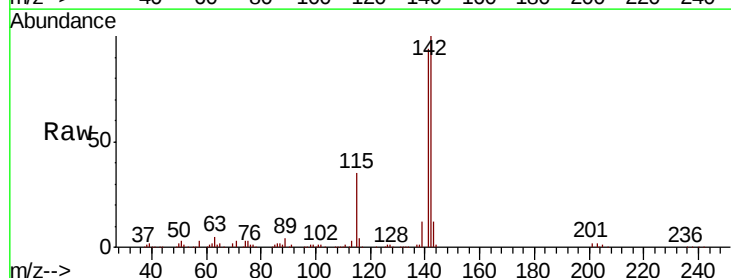


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

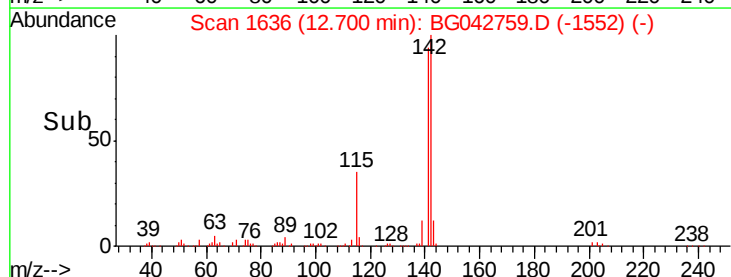
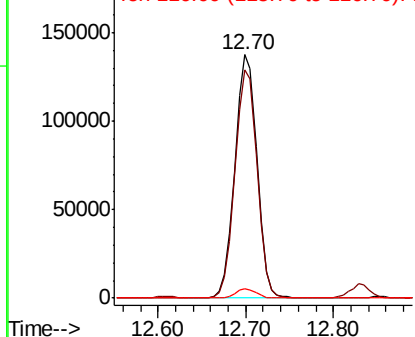


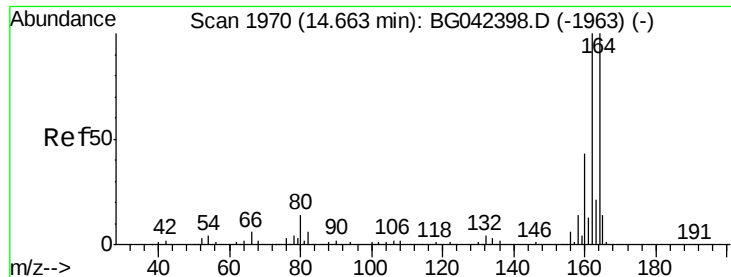
#38
 1-Methylnaphthalene
 Concen: 46.678 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	76.2	114.2
116	3.8	2.8	4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Instrument :

BNA_G

ClientSampled :

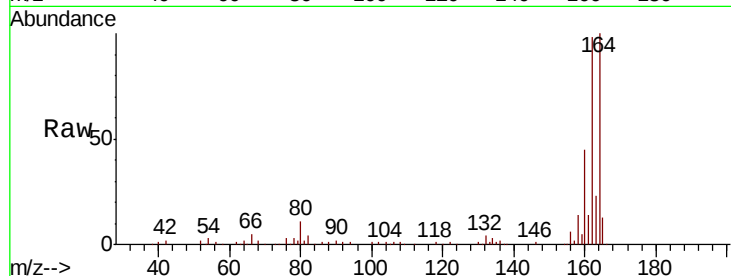
Tot Ion:164 Resp: 114634

Ion Ratio Lower Upper

164 100

162 98.4 79.9 119.9

160 44.7 34.3 51.5

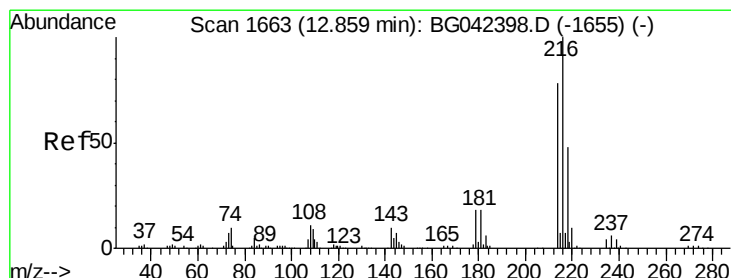
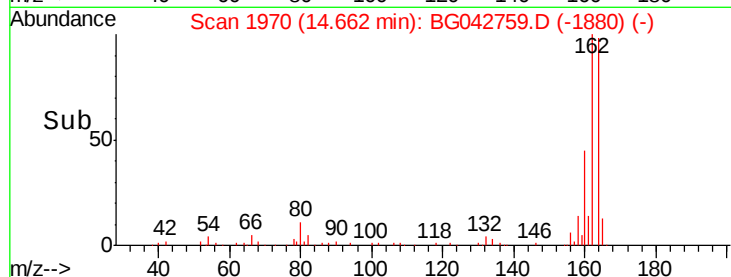
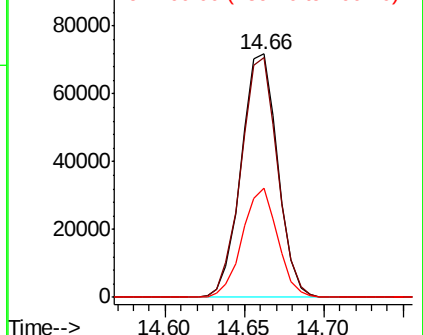


Abundance

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: 47.320 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Tgt Ion:216 Resp: 174200

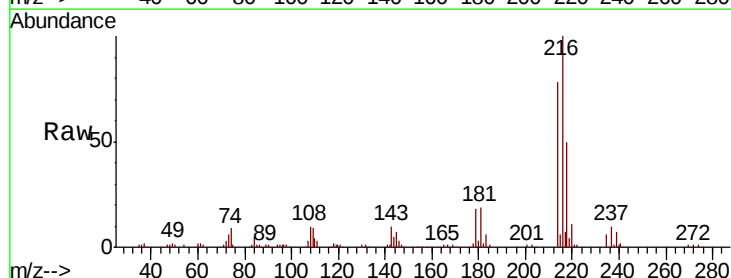
Ion Ratio Lower Upper

216 100

214 76.5 61.4 92.2

179 18.4 15.1 22.7

108 11.6 9.4 14.0



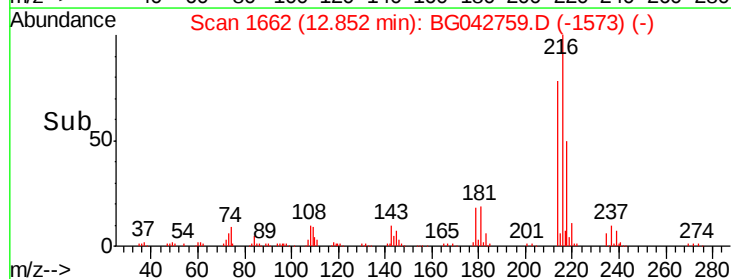
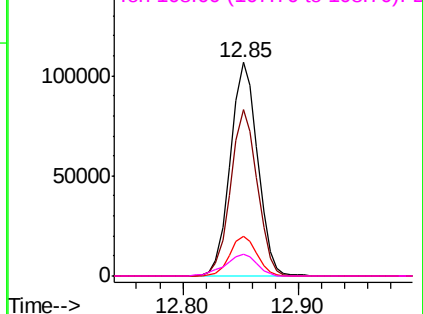
Abundance

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: 74.821 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Instrument :

BNA_G

ClientSampleId :

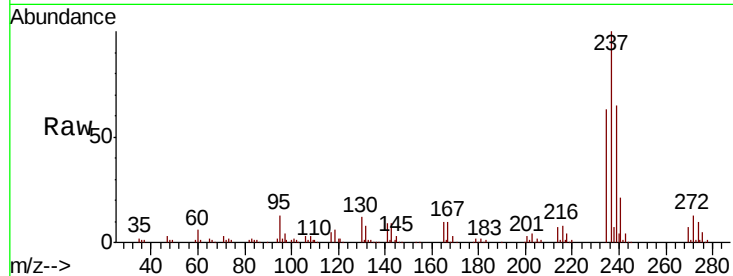
Tot Ion:237 Resp: 144684

Ion Ratio Lower Upper

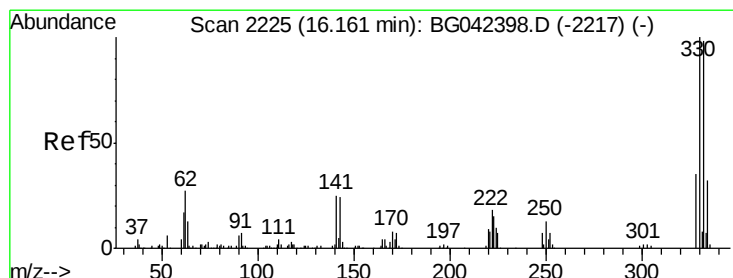
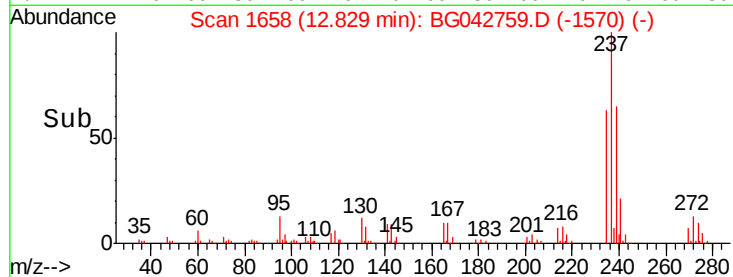
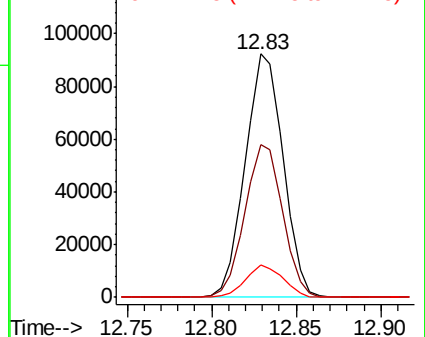
237 100

235 62.8 43.7 83.7

272 13.2 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: 115.529 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

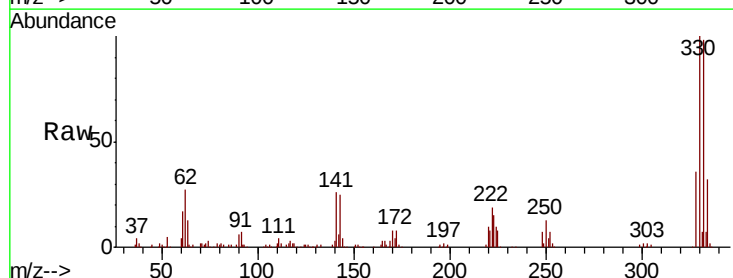
Tgt Ion:330 Resp: 188236

Ion Ratio Lower Upper

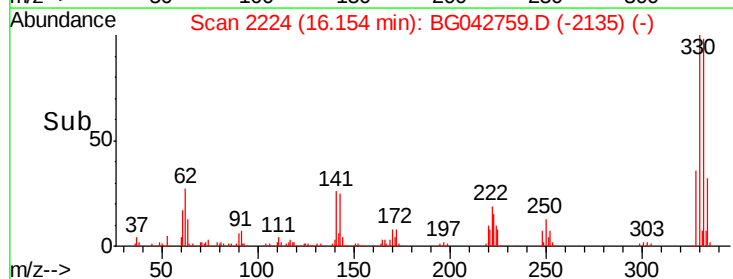
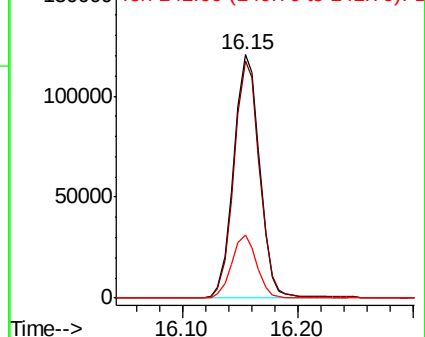
330 100

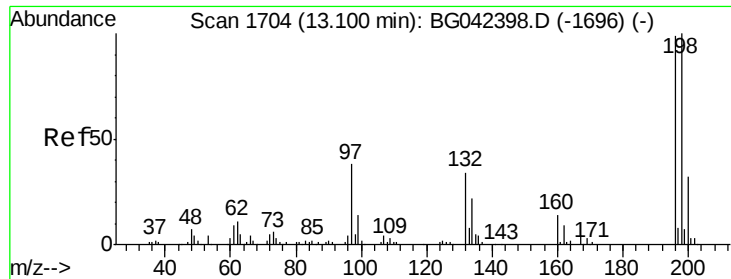
332 97.4 77.4 116.0

141 25.2 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

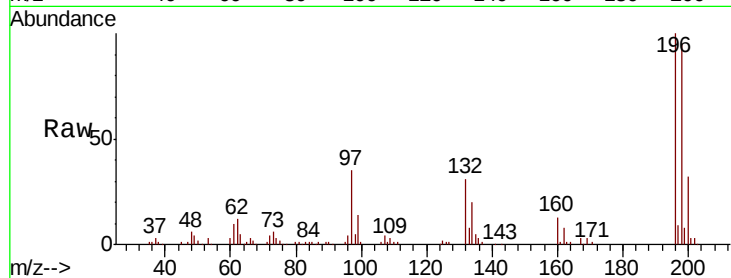




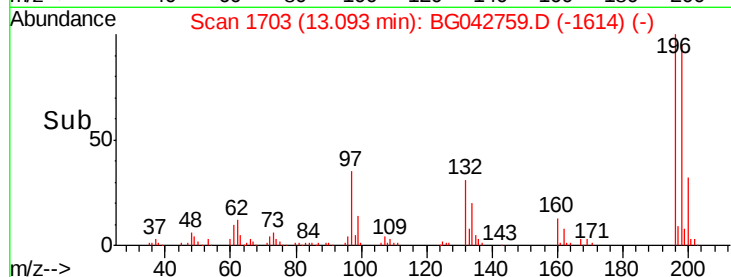
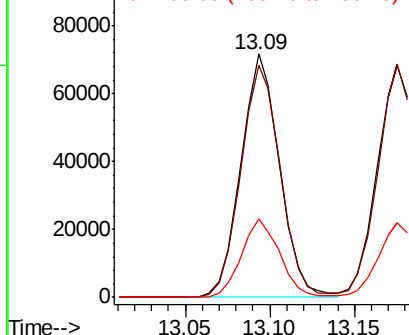
#43
 2,4,6-Trichlorophenol
 Concen: 45.897 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 114207
 Ion Ratio Lower Upper
 196 100
 198 95.2 80.7 121.1
 200 32.1 25.7 38.5

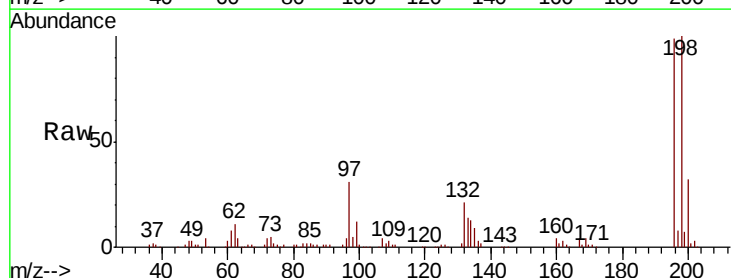


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

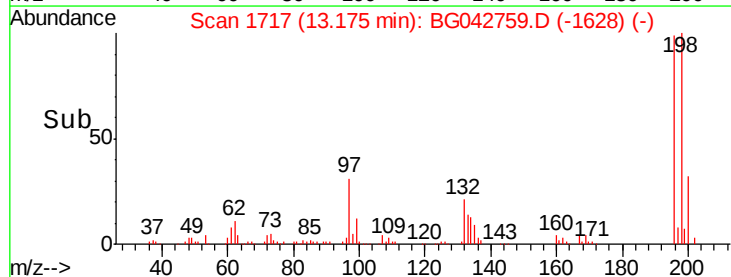
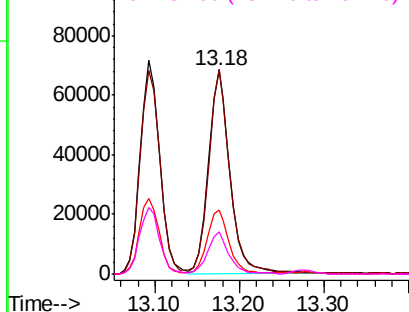


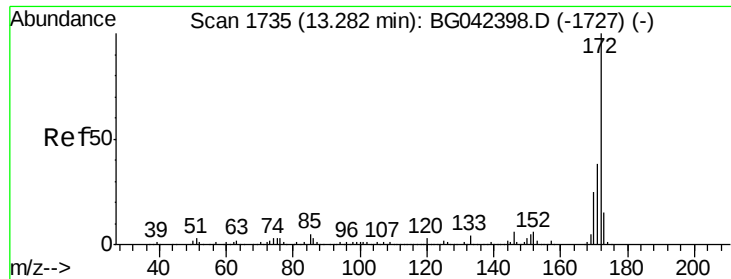
#44
 2,4,5-Trichlorophenol
 Concen: 47.639 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Tgt Ion:196 Resp: 122843
 Ion Ratio Lower Upper
 196 100
 198 100.6 80.2 120.4
 97 31.6 26.3 39.5
 132 20.8 16.6 24.8



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

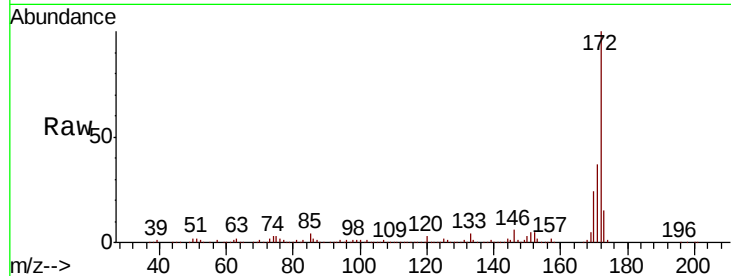




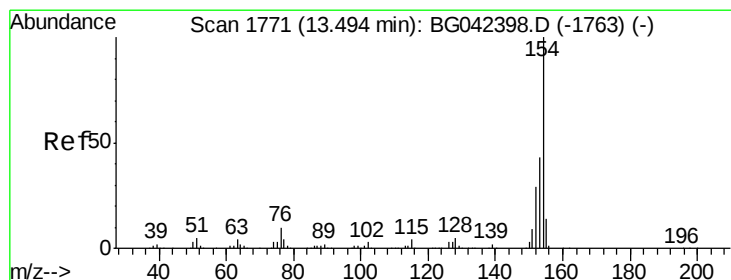
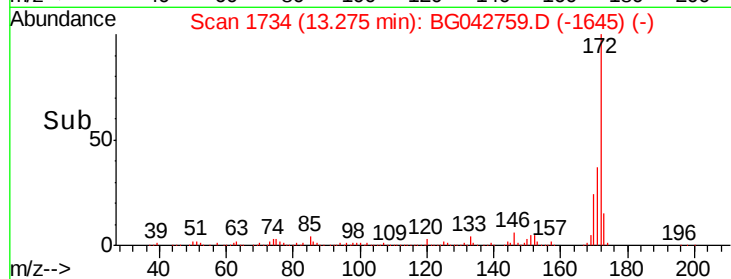
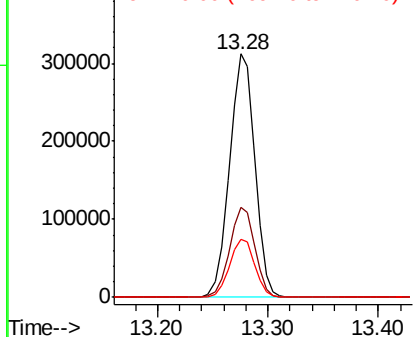
#45
 2-Fluorobiphenyl
 Concen: 74.026 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 501744
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.5 45.7
 170 23.9 20.2 30.2

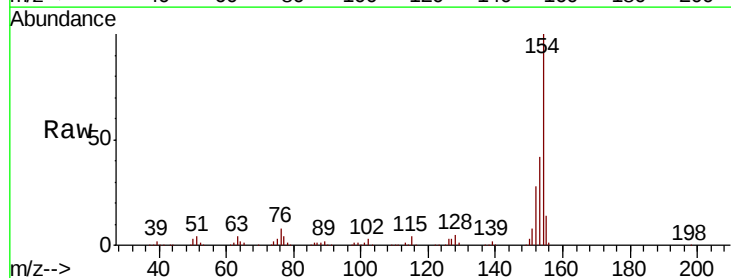


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

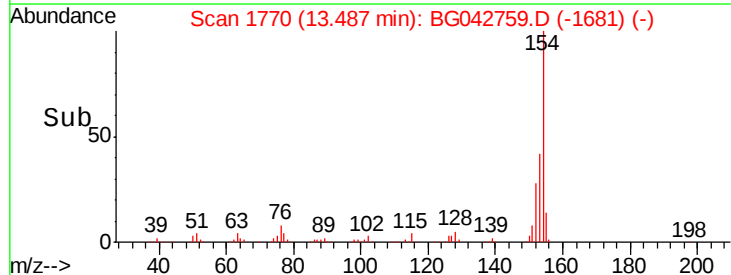
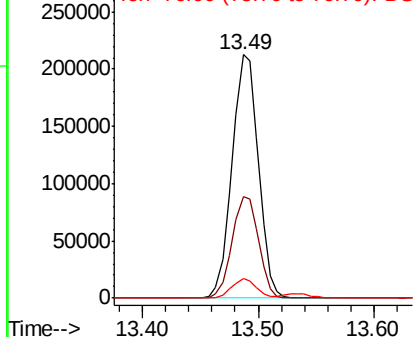


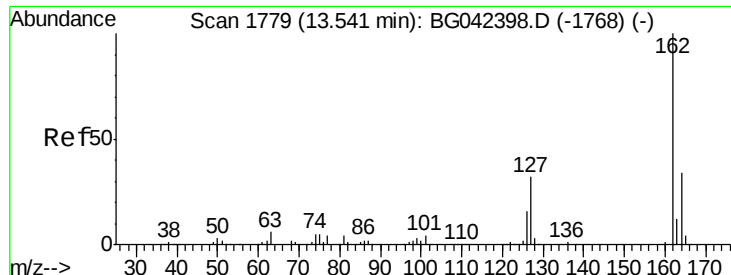
#46
 1,1'-Biphenyl
 Concen: 45.200 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Tgt Ion:154 Resp: 334937
 Ion Ratio Lower Upper
 154 100
 153 41.6 23.0 63.0
 76 7.9 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

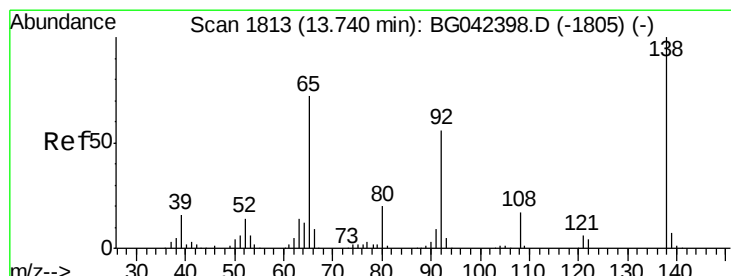
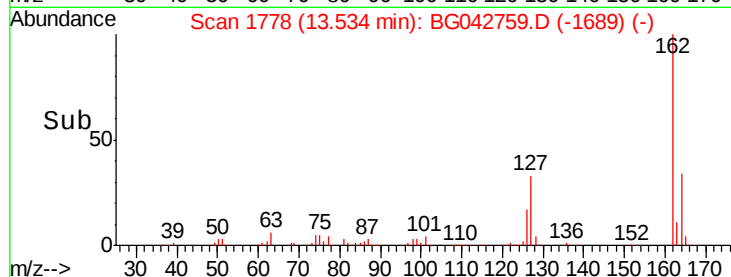
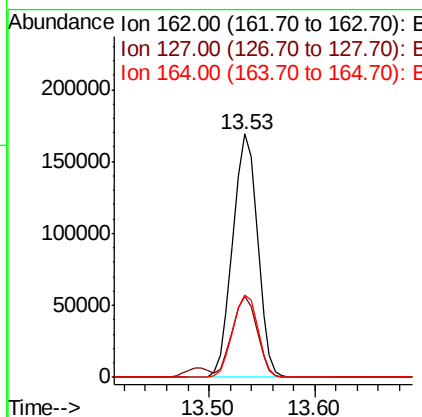
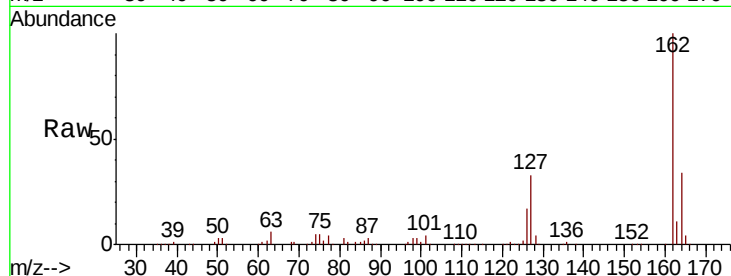




#47
2-Chloronaphthalene
Concen: 43.041 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

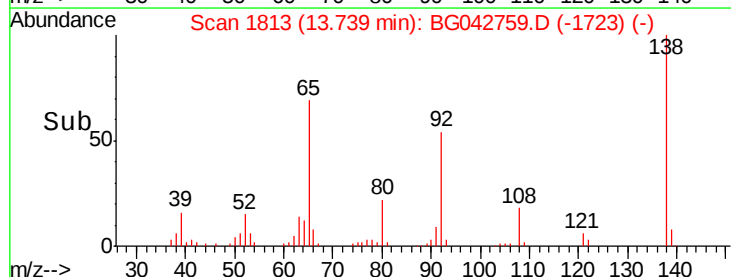
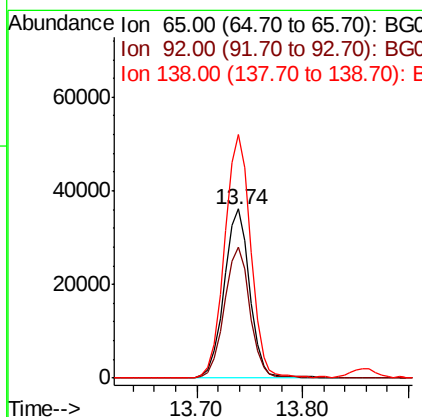
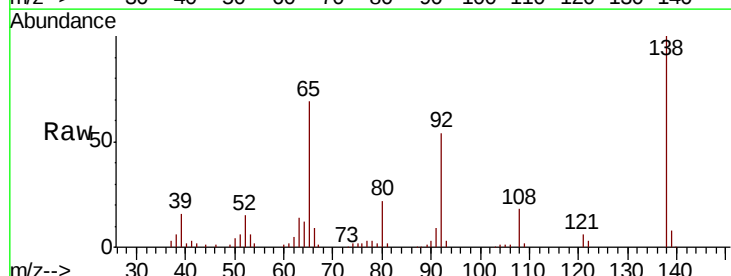
Instrument :
BNA_G
ClientSampleId :

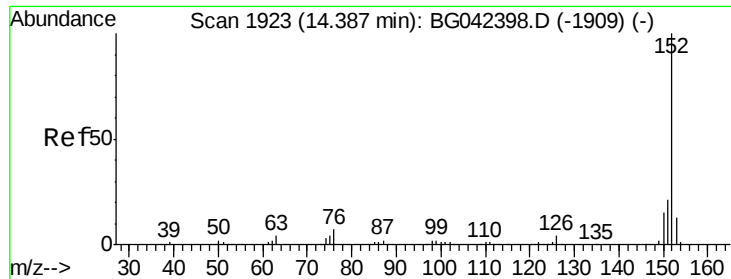
Tot Ion:162 Resp: 275004
Ion Ratio Lower Upper
162 100
127 33.4 26.0 39.0
164 33.8 27.4 41.0



#48
2-Nitroaniline
Concen: 39.198 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Tgt Ion: 65 Resp: 60394
Ion Ratio Lower Upper
65 100
92 77.6 61.8 92.6
138 144.2 111.0 166.6





#49

Acenaphthylene

Concen: 45.471 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

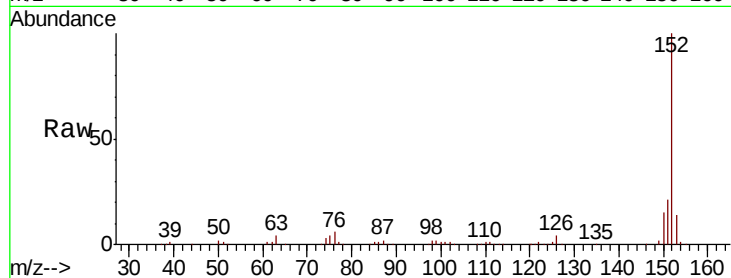
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 437099

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.4
153	13.9	10.6	16.0

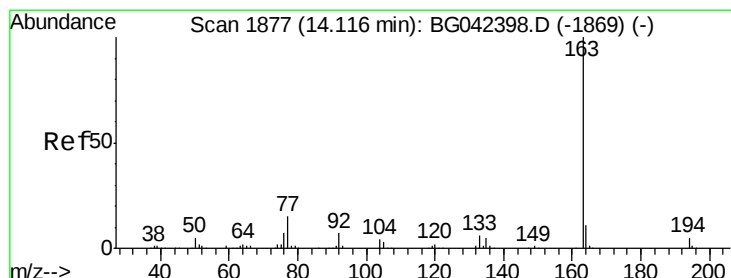
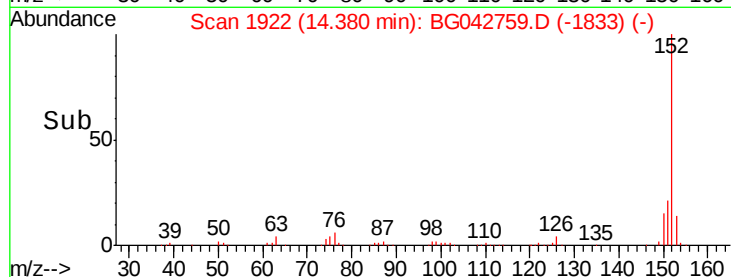
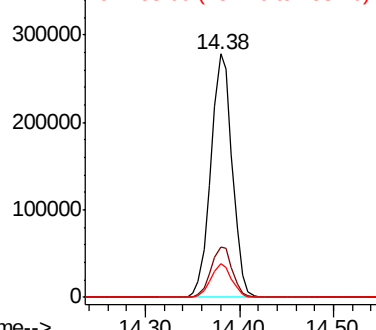


Abundance

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: 50.080 ng

RT: 14.12 min Scan# 1877

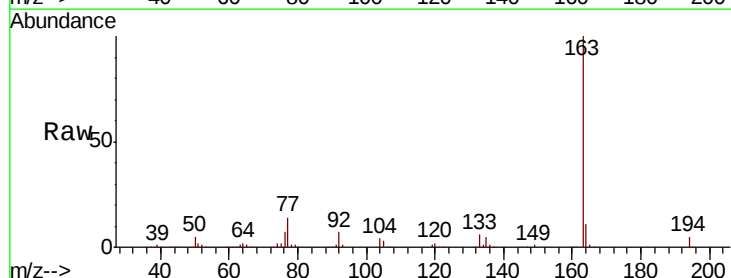
Delta R.T. -0.00 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Tgt Ion:163 Resp: 414227

Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	11.0	8.8	13.2

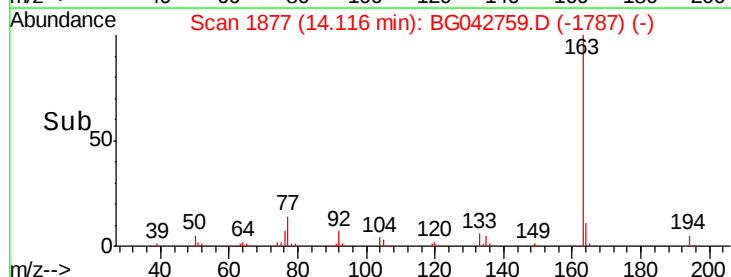
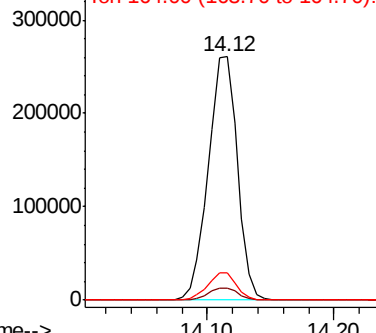


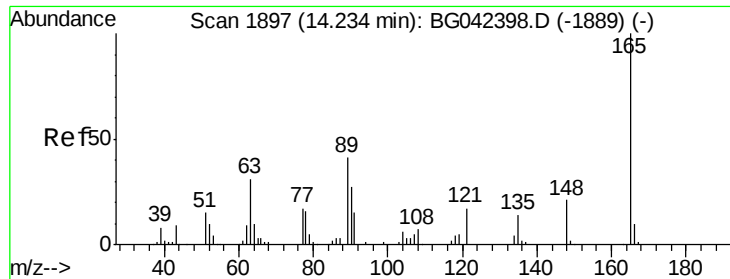
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

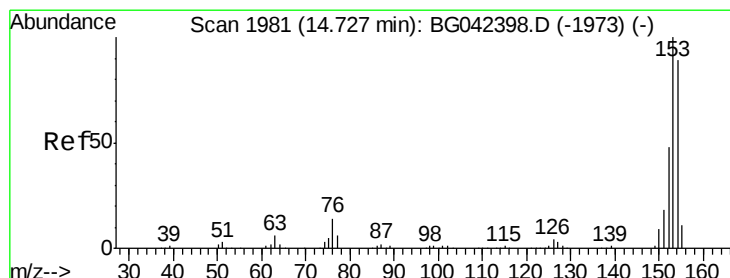
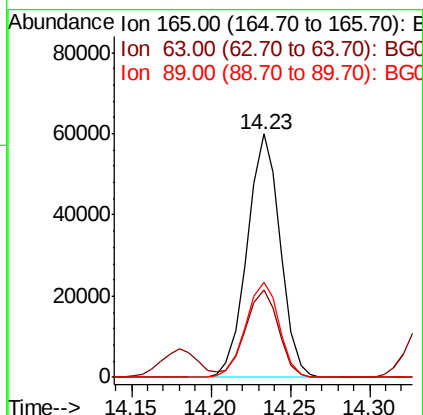
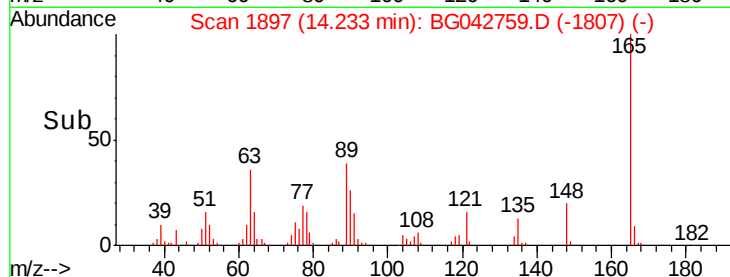
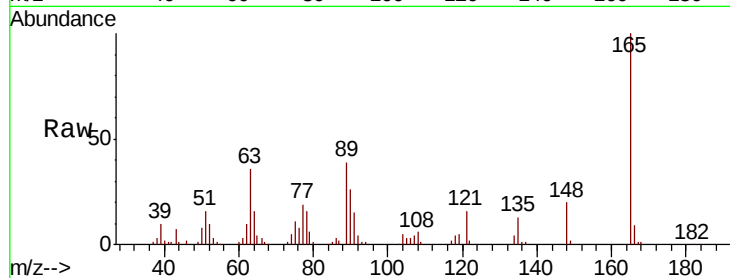




#51
 2,6-Dinitrotoluene
 Concen: 45.299 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

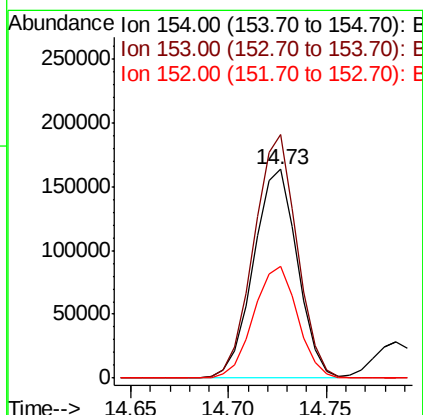
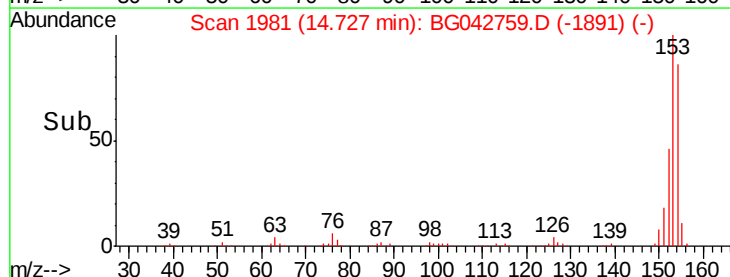
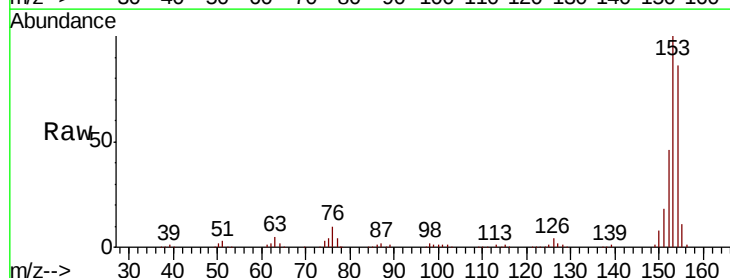
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.1	30.6	45.8
89	38.8	32.6	49.0



#52
 Acenaphthene
 Concen: 43.689 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.8	90.2	135.4
152	53.5	43.2	64.8

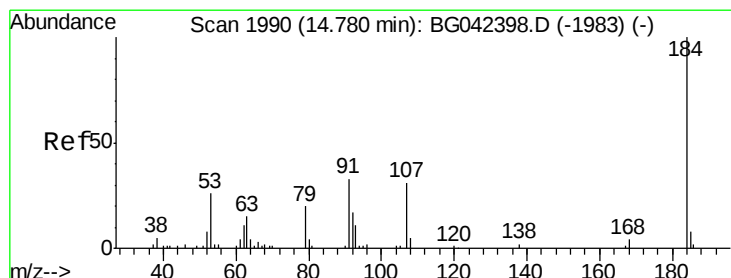
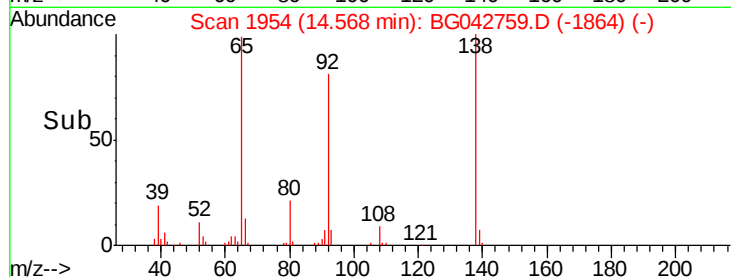
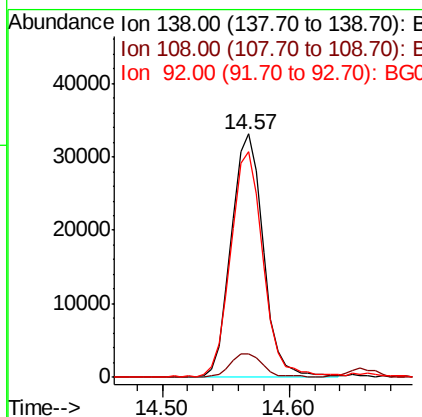
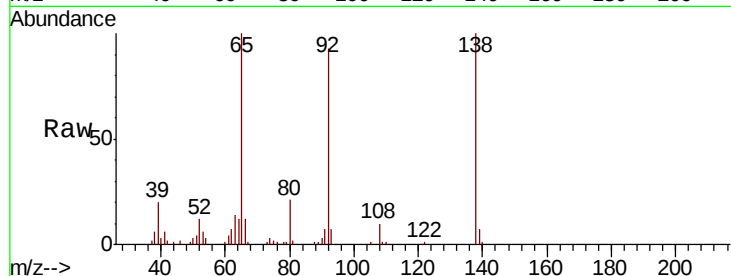




#53
3-Nitroaniline
Concen: 30.257 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

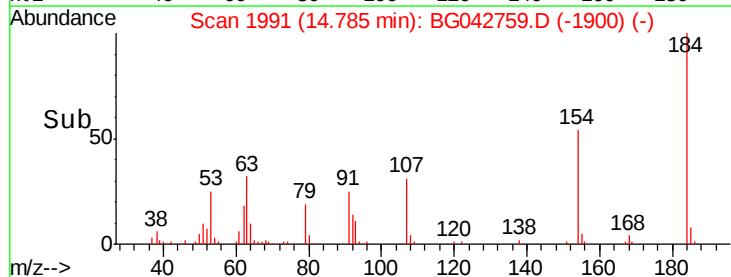
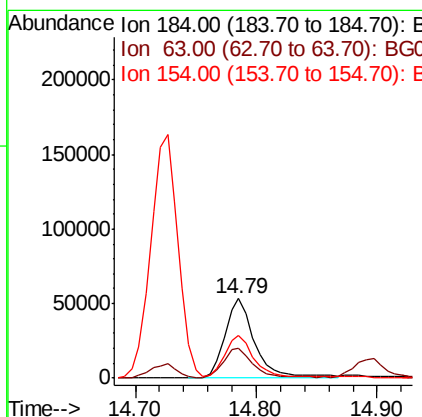
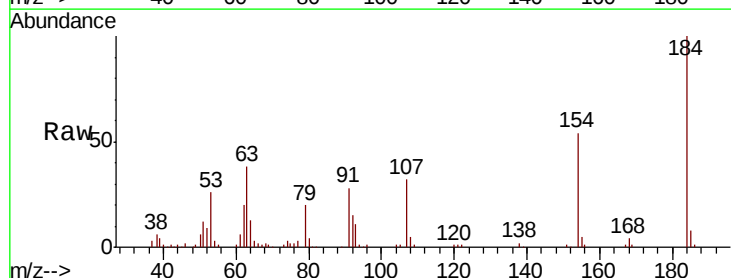
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 58014
Ion Ratio Lower Upper
138 100
108 9.8 8.3 12.5
92 92.9 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 72.114 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Tgt Ion:184 Resp: 92334
Ion Ratio Lower Upper
184 100
63 37.7 31.7 47.5
154 53.7 42.0 63.0





#55

Dibenzenofuran

Concen: 45.914 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Instrument :

BNA_G

ClientSampleId :

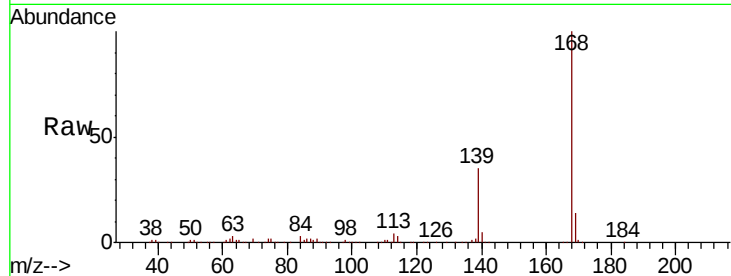
Tot Ion:168 Resp: 443615

Ion Ratio Lower Upper

168 100

139 35.0 27.2 40.8

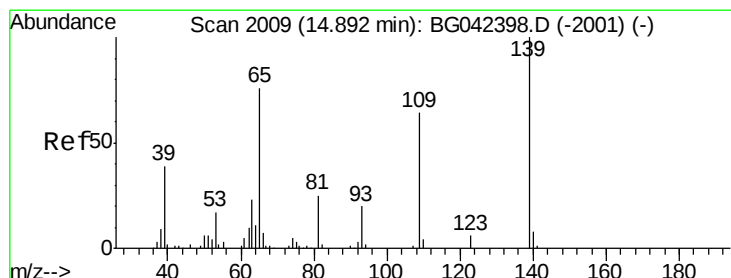
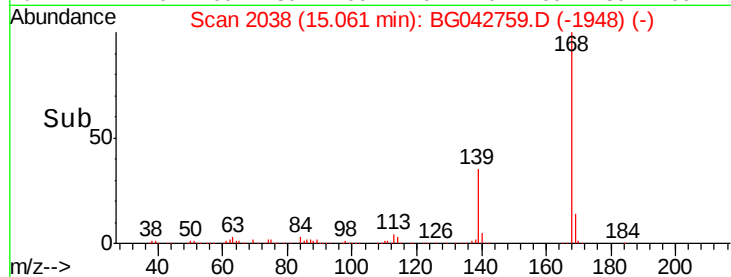
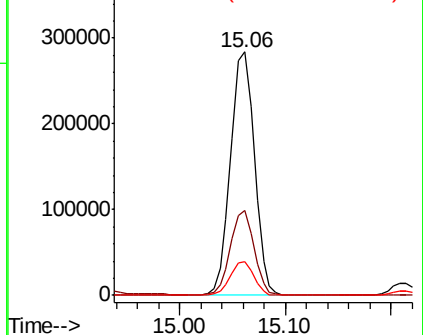
169 14.0 11.5 17.3



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: 77.376 ng

RT: 14.90 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

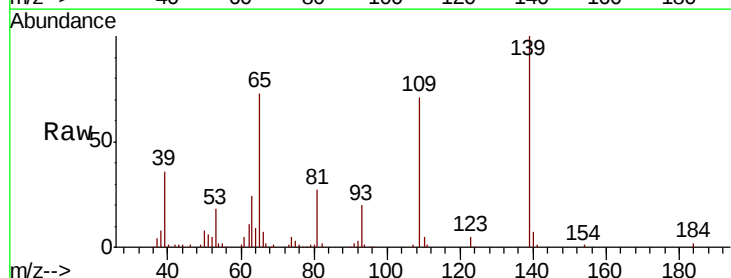
Tgt Ion:139 Resp: 105422

Ion Ratio Lower Upper

139 100

109 70.8 43.9 83.9

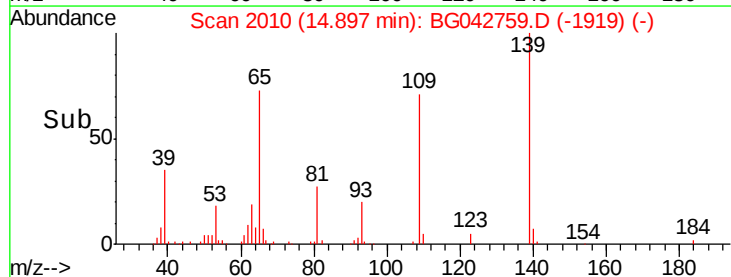
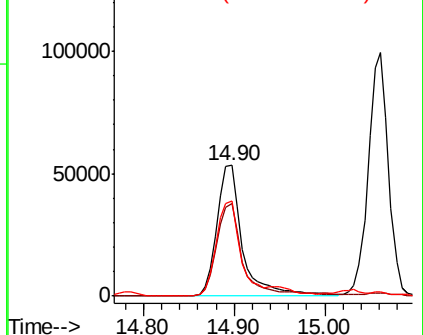
65 73.0 56.3 96.3

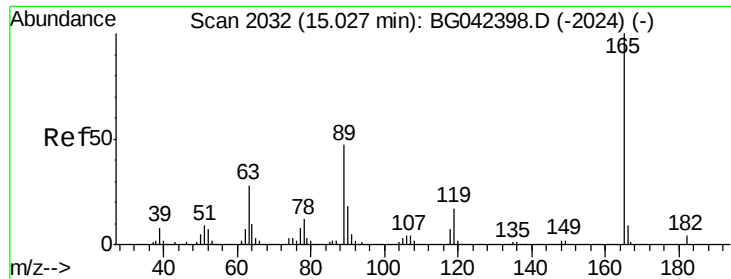


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

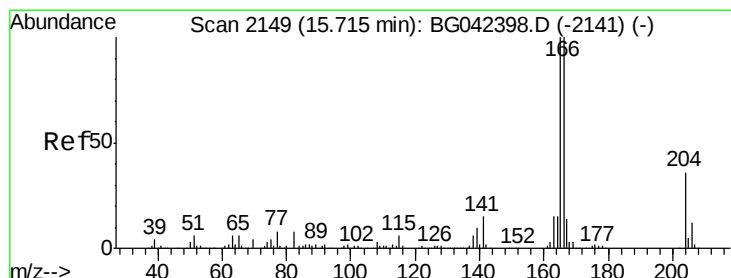
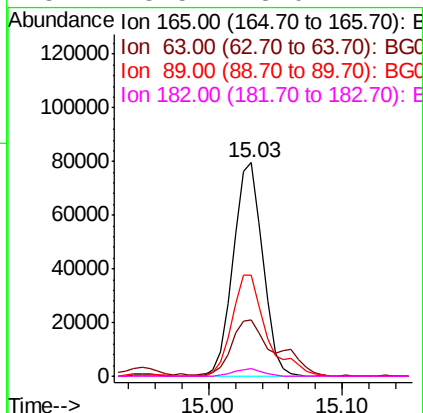
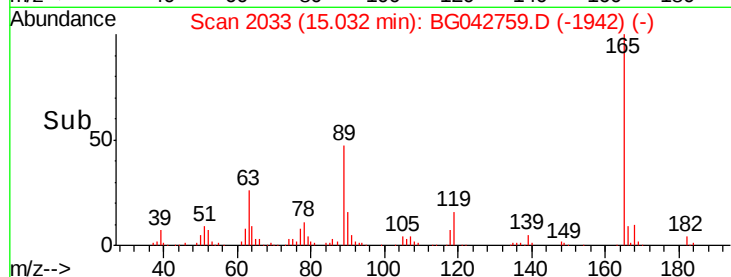
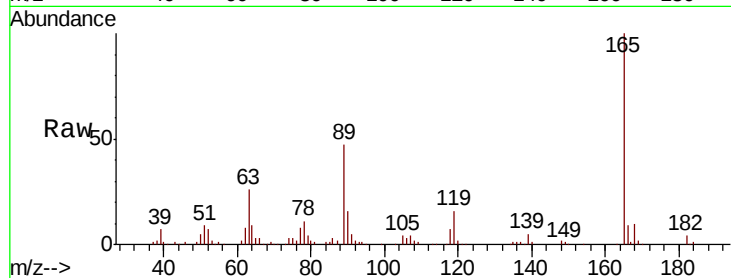




#57
2,4-Dinitrotoluene
Concen: 44.527 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

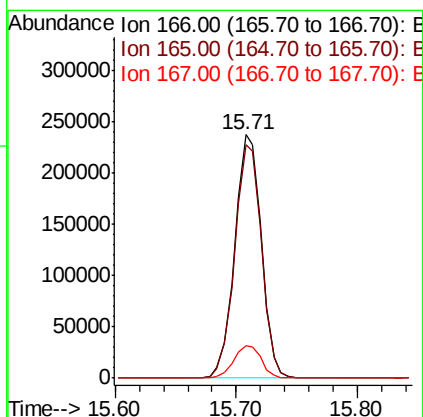
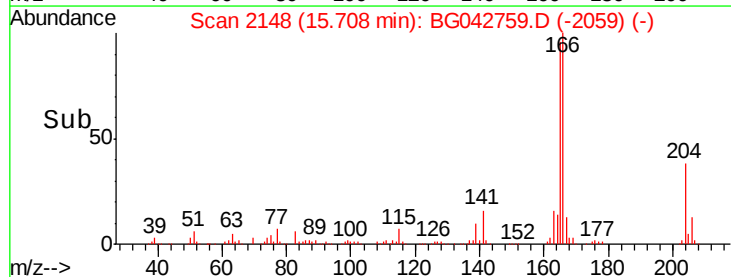
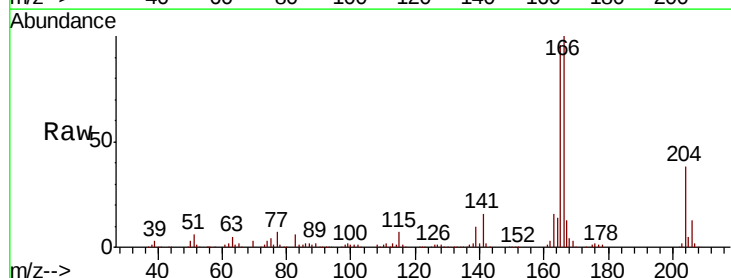
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	26.2	22.5	33.7
89	47.3	37.8	56.6
182	3.5	3.0	4.4



#58
Fluorene
Concen: 45.969 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	79.7	119.5
167	13.5	10.9	16.3

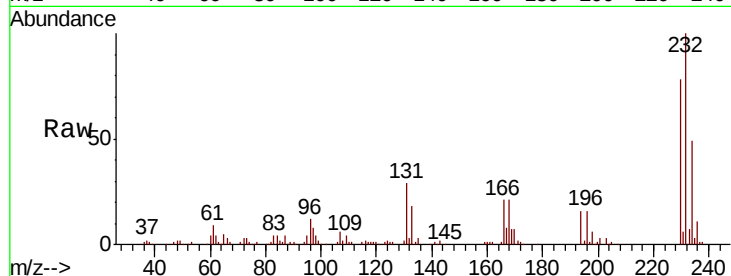




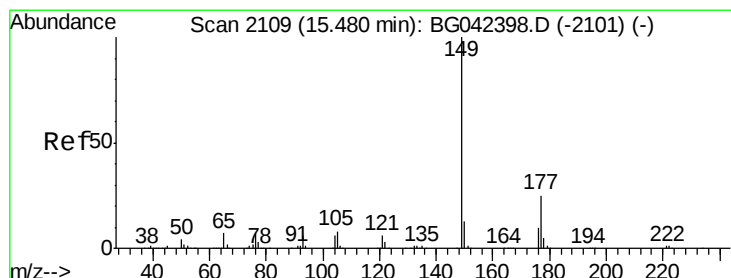
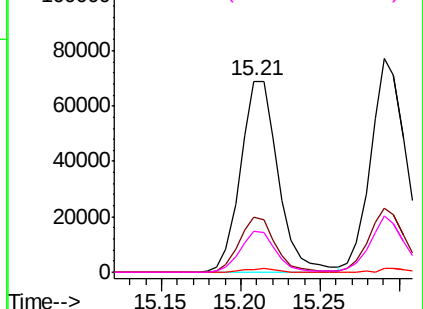
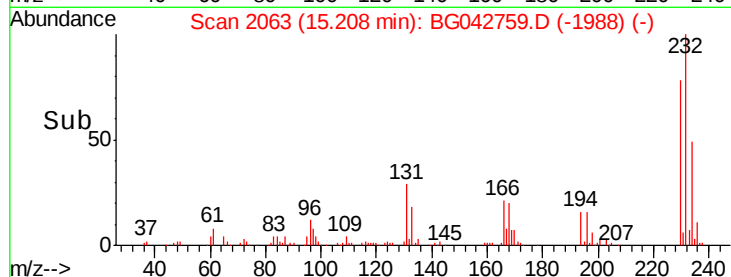
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.686 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232	Resp:	113950	
Ion Ratio	Lower	Upper	
232 100			
131 27.7	22.9	34.3	
130 1.6	1.4	2.0	
166 20.6	17.0	25.4	

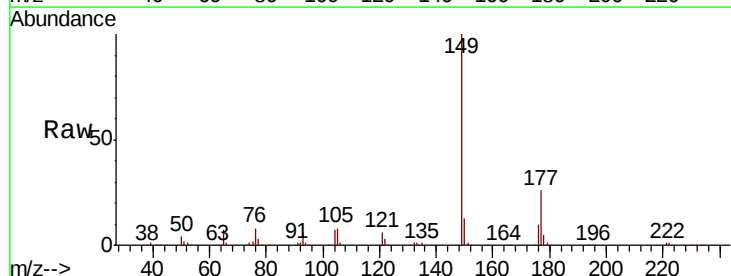


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

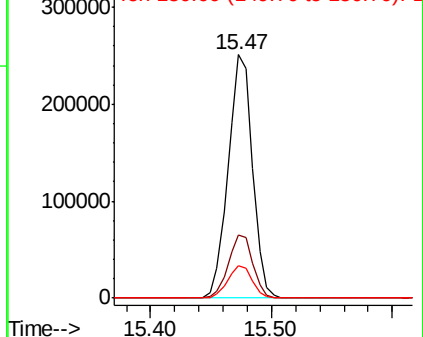
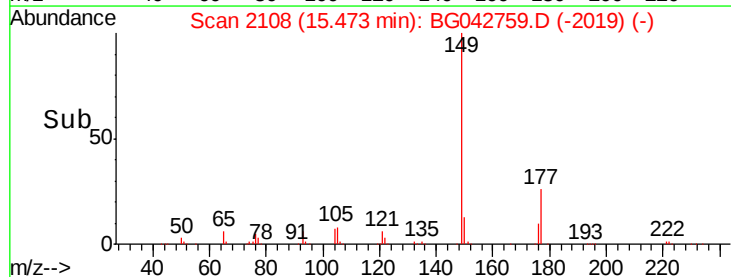


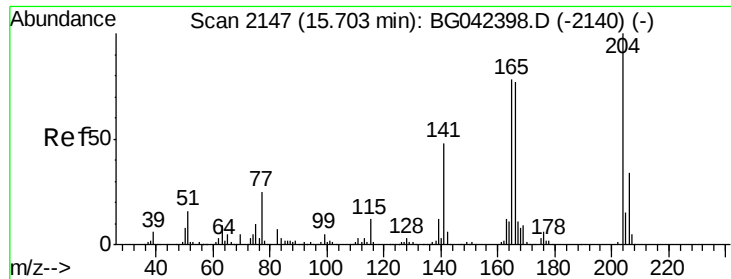
#60
 Diethylphthalate
 Concen: 43.323 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Tgt Ion	Ion:149	Resp:	350292
	Ratio	Lower	Upper
149	100		
177	25.9	20.4	30.6
150	13.4	10.3	15.5



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

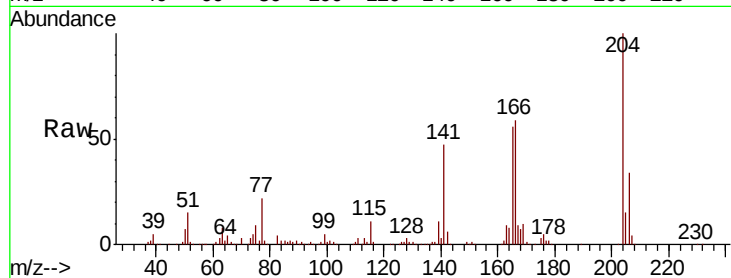




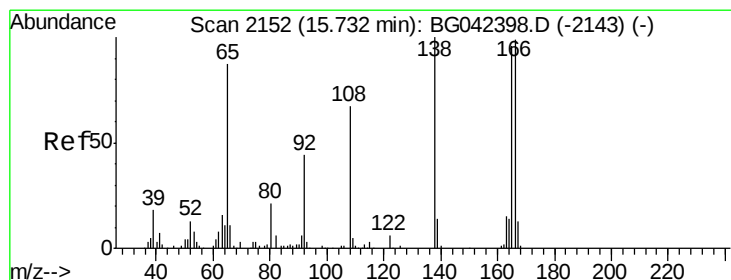
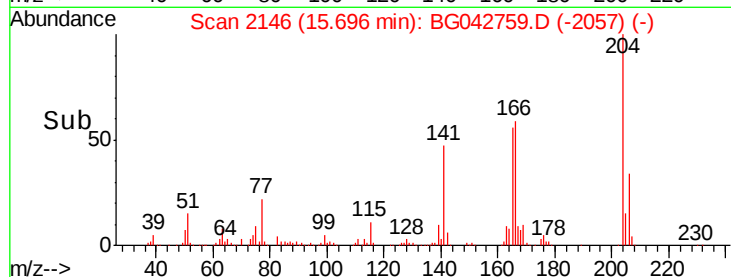
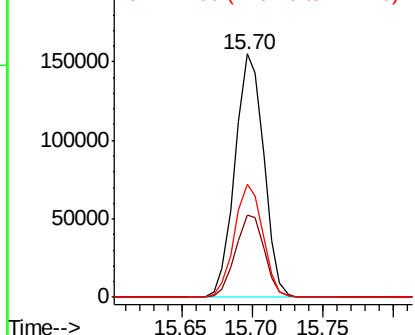
#61
 4-Chlorophenyl-phenylether
 Concen: 46.483 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 221308
 Ion Ratio Lower Upper
 204 100
 206 34.0 27.2 40.8
 141 46.6 38.7 58.1

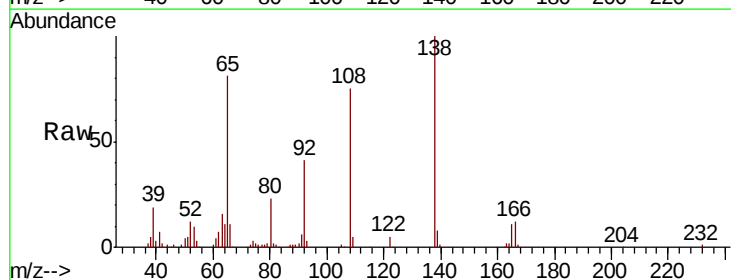


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

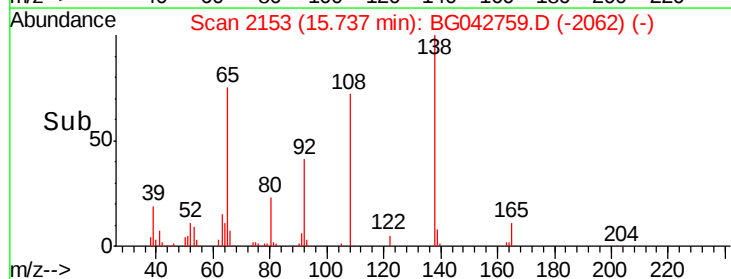
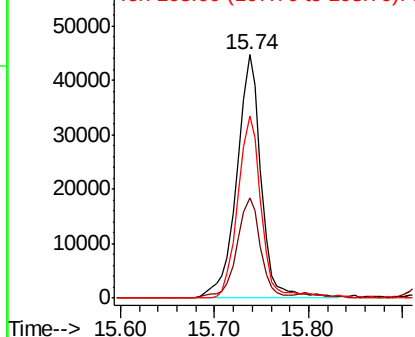


#62
 4-Nitroaniline
 Concen: 39.330 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Tgt Ion:138 Resp: 80709
 Ion Ratio Lower Upper
 138 100
 92 41.4 24.2 64.2
 108 75.0 46.8 86.8



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

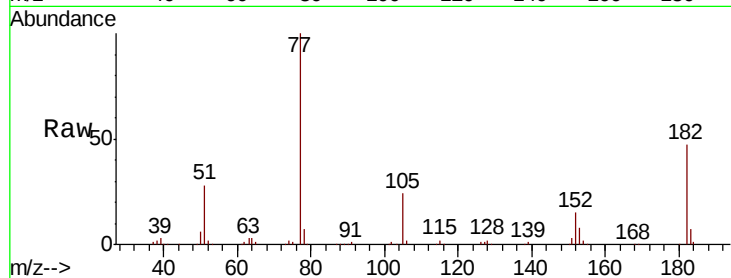




#63
Azobenzene
Concen: 40.970 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	47.4	19.9	59.9
105	23.7	2.9	42.9
51	27.8	7.6	47.6



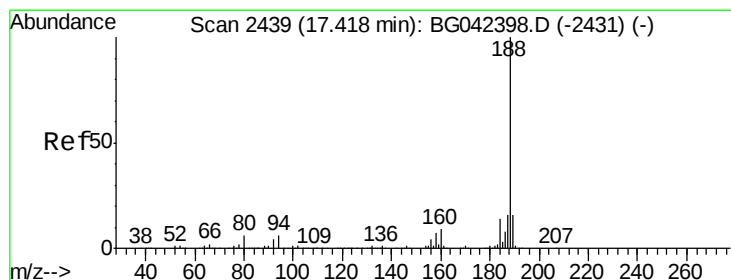
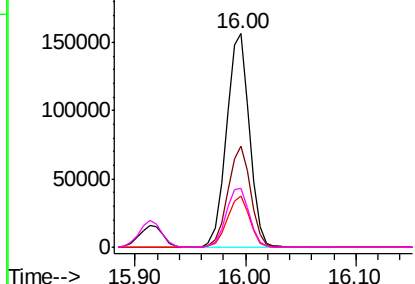
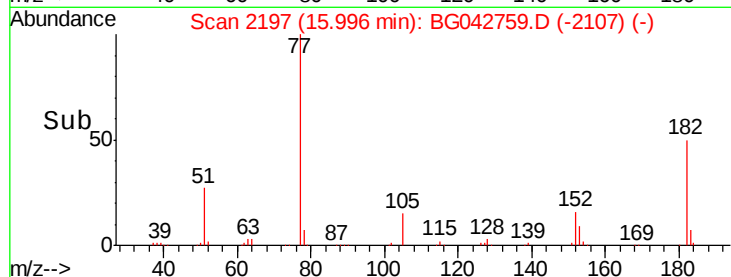
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

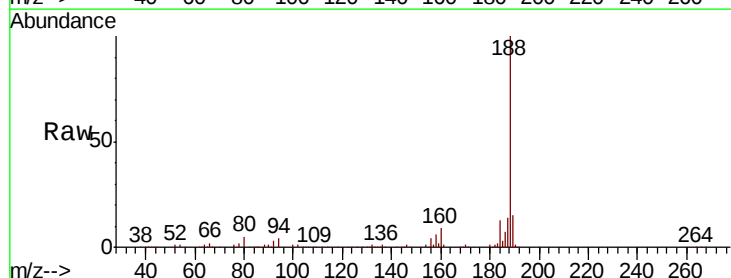
Ion 105.00 (104.70 to 105.70): BGC

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: BG042759.D
Acq: 6 Sep 2019 22:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.4	4.5	6.7#
80	4.7	4.9	7.3#

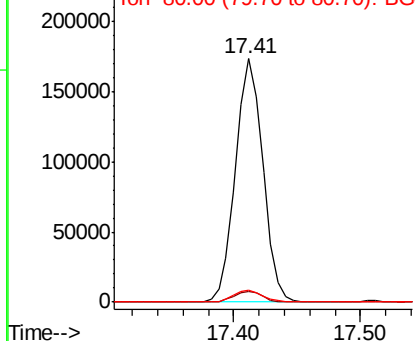
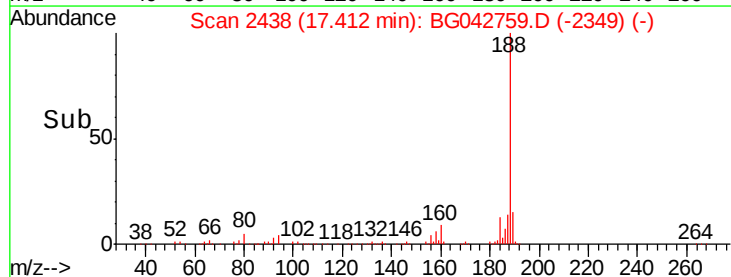


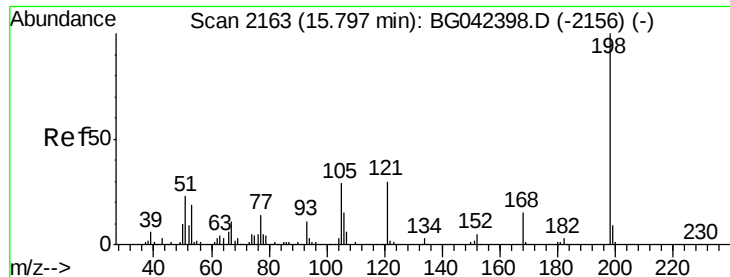
Abundance

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: 48.424 ng

RT: 15.80 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Instrument :

BNA_G

ClientSampleId :

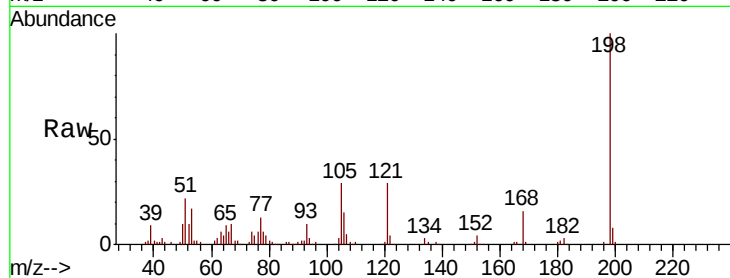
Tot Ion:198 Resp: 78791

Ion Ratio Lower Upper

198 100

51 21.7 4.2 44.2

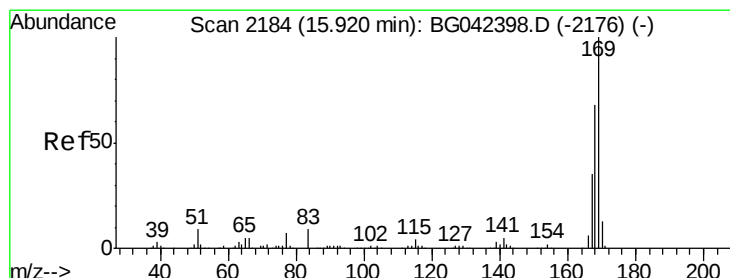
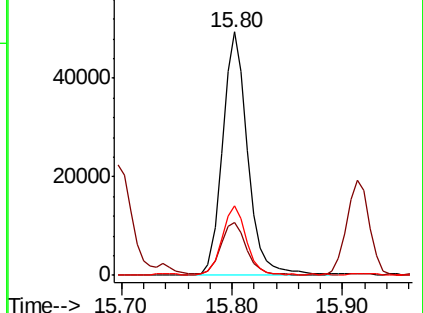
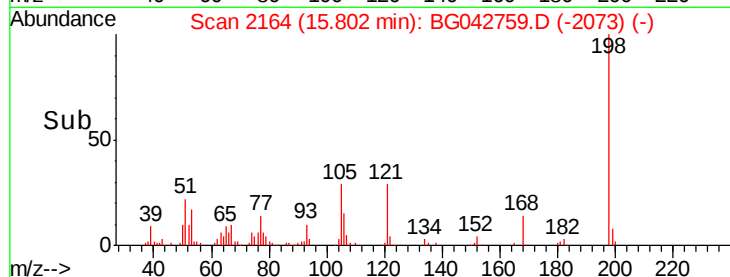
105 28.7 8.8 48.8



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: 47.415 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

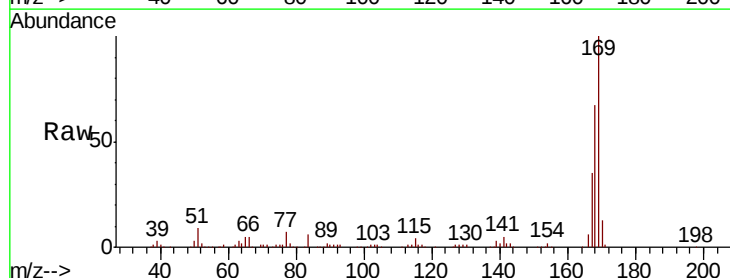
Tgt Ion:169 Resp: 338405

Ion Ratio Lower Upper

169 100

168 67.4 54.3 81.5

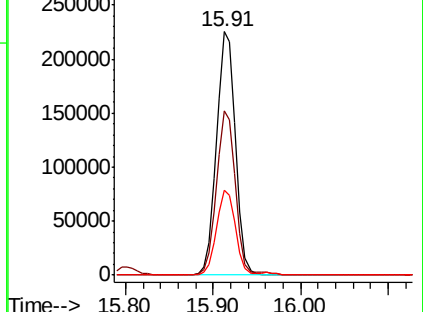
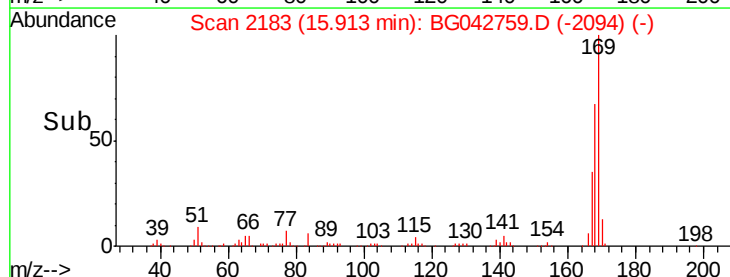
167 35.1 28.2 42.2



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

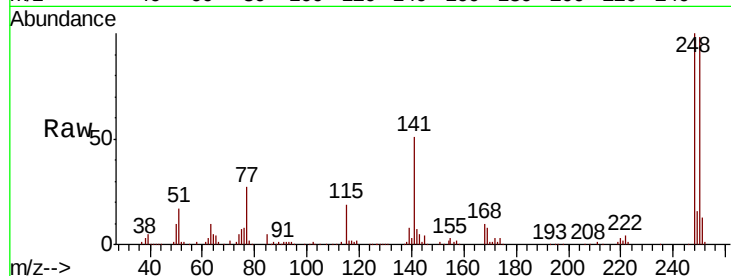




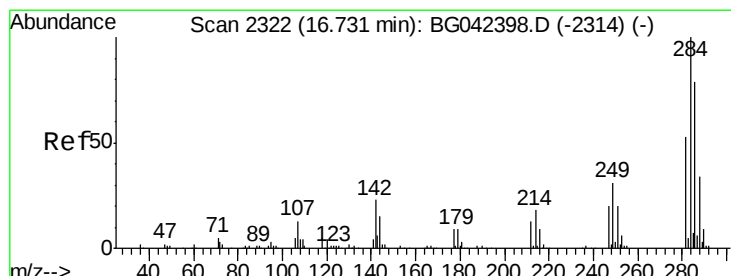
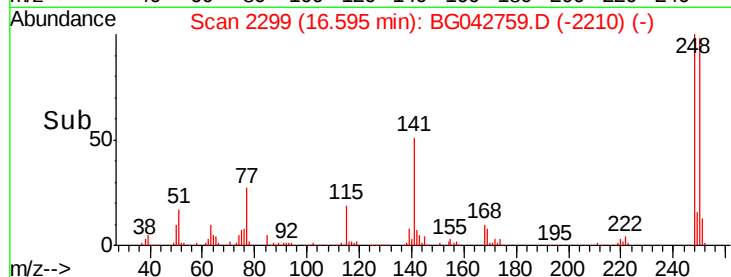
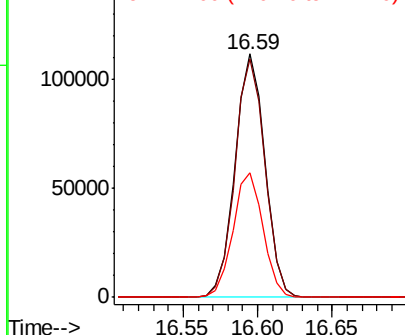
#67
 4-Bromophenyl-phenylether
 Concen: 47.429 ng
 RT: 16.59 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 156129
 Ion Ratio Lower Upper
 248 100
 250 97.9 78.9 118.3
 141 51.3 43.3 64.9

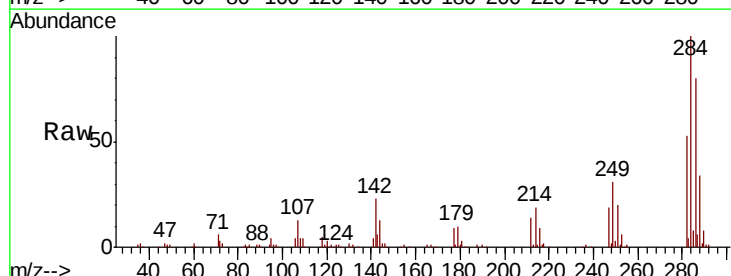


Abundance Ion 248.00 (247.70 to 248.70): E
 150000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

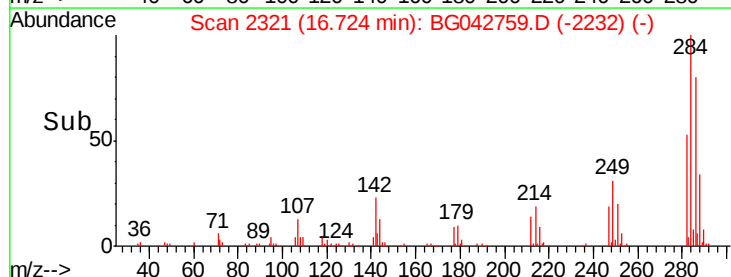
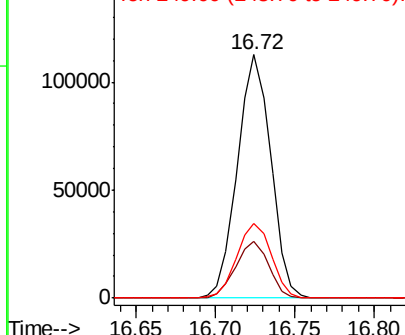


#68
 Hexachlorobenzene
 Concen: 45.936 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Tgt Ion:284 Resp: 164382
 Ion Ratio Lower Upper
 284 100
 142 23.0 18.2 27.4
 249 30.8 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E
 150000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 47.803 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Instrument :

BNA_G

ClientSampled :

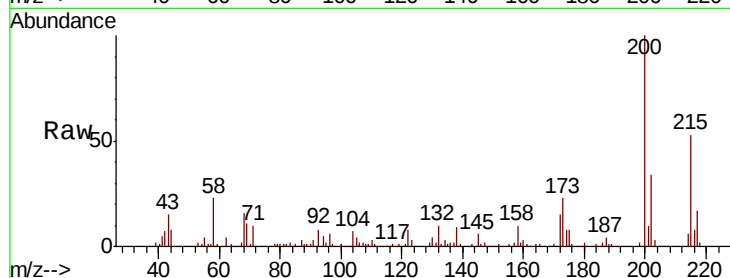
Tot Ion:200 Resp: 120650

Ion Ratio Lower Upper

200 100

173 23.2 4.9 44.9

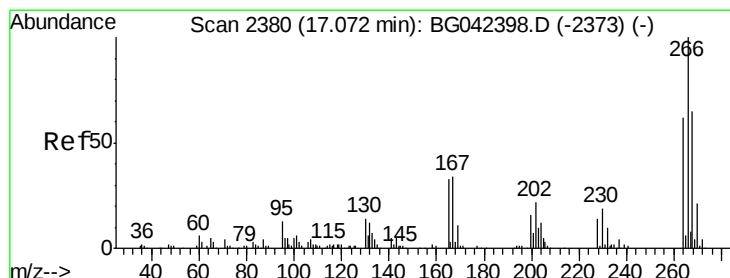
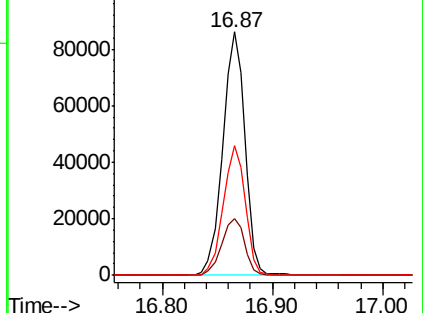
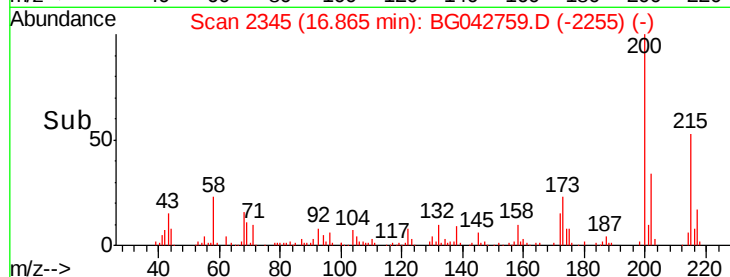
215 53.2 30.7 70.7



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: 82.576 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

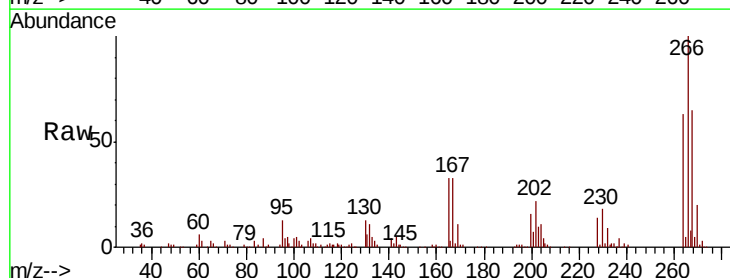
Tgt Ion:266 Resp: 153537

Ion Ratio Lower Upper

266 100

268 64.6 52.1 78.1

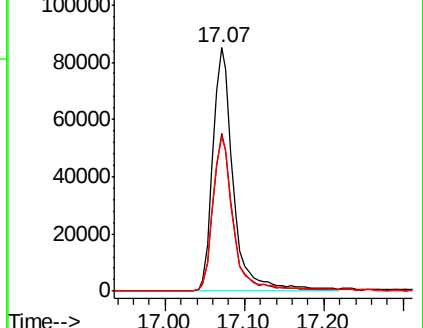
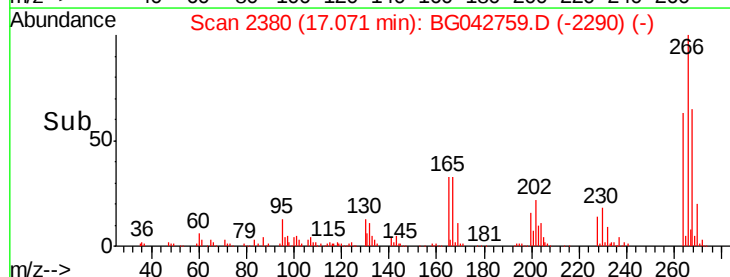
264 63.2 49.4 74.2

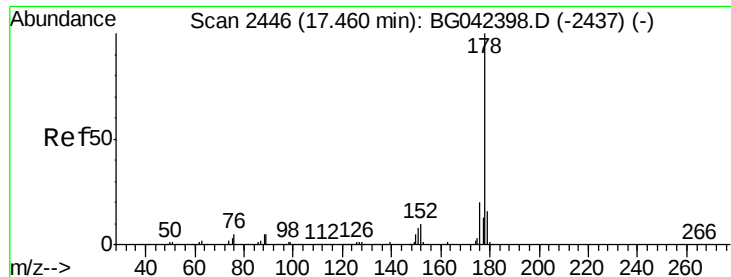


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

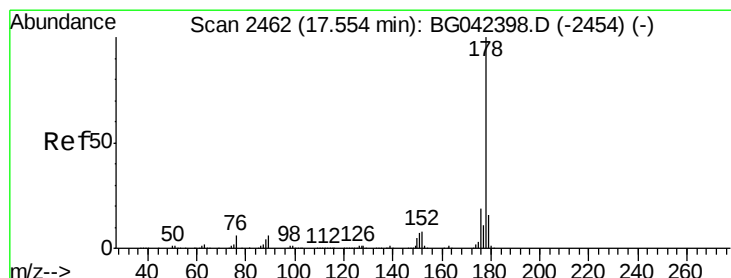
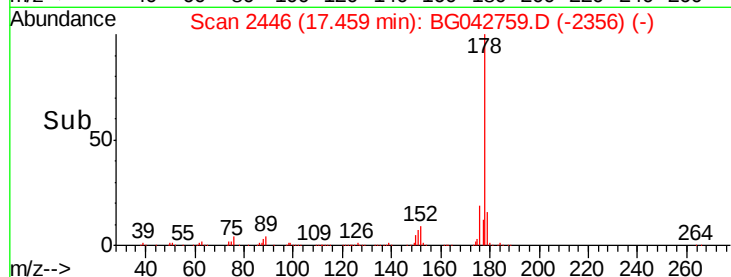
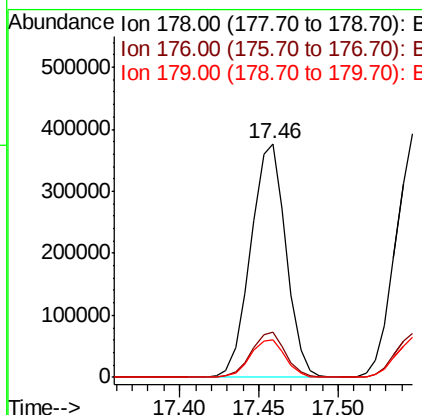
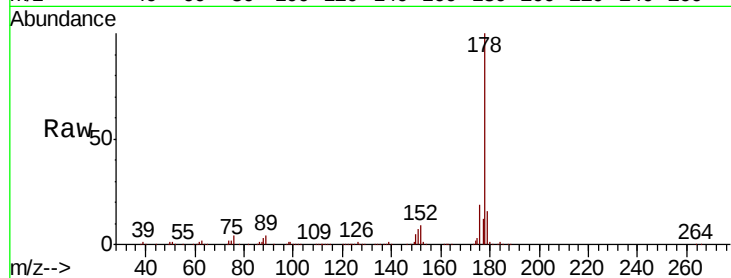




#71
Phenanthrene
Concen: 45.117 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

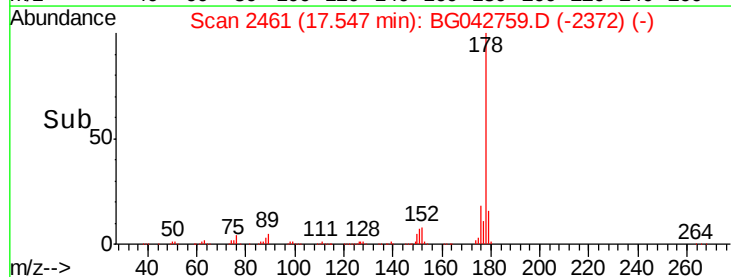
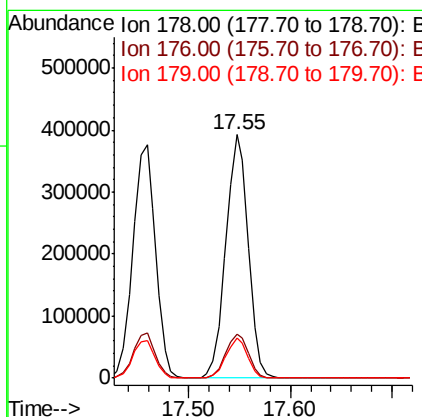
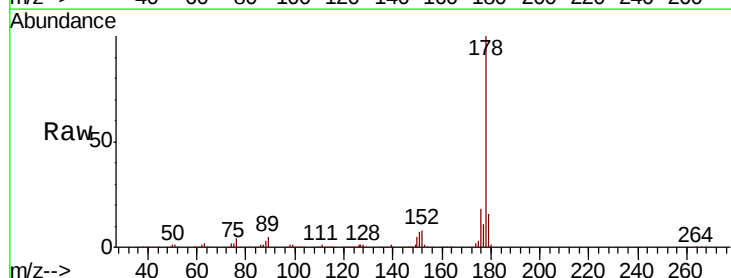
Instrument :
BNA_G
ClientSampled :

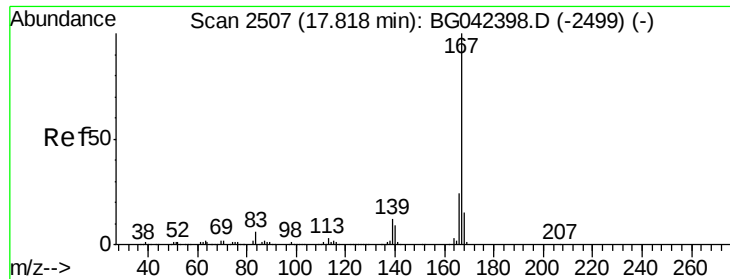
Tot Ion:178 Resp: 581600
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 16.3 12.7 19.1



#72
Anthracene
Concen: 46.500 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Tgt Ion:178 Resp: 598409
Ion Ratio Lower Upper
178 100
176 17.9 15.5 23.3
179 16.4 12.9 19.3

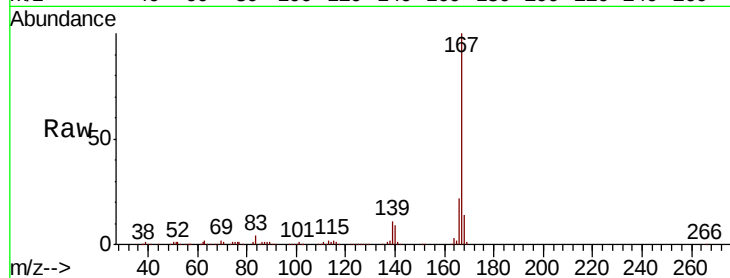




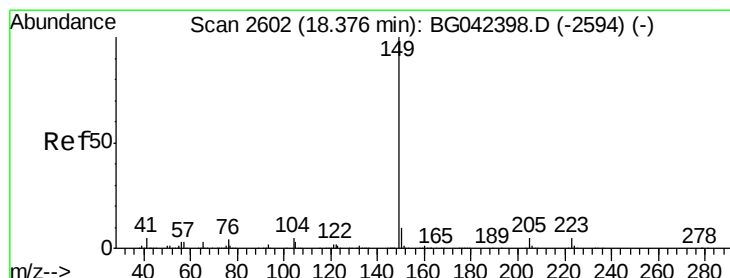
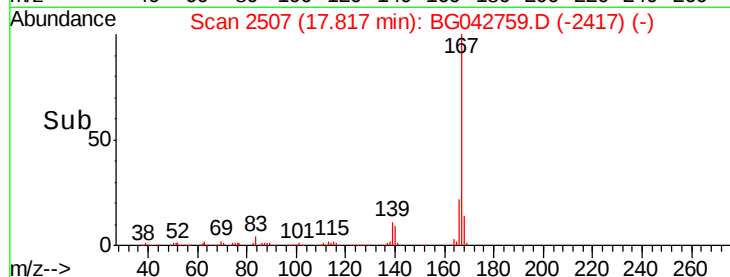
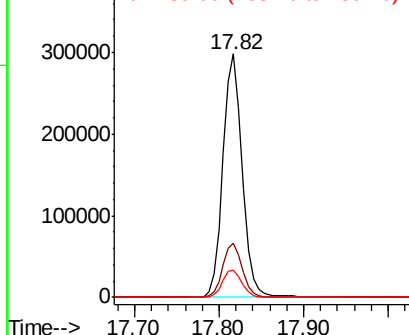
#73
 Carbazole
 Concen: 41.127 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.9	28.3
139	11.2	9.8	14.6

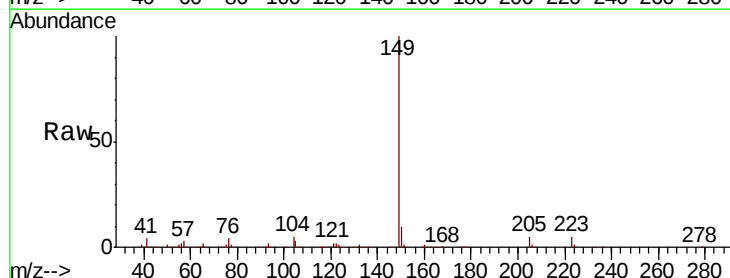


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

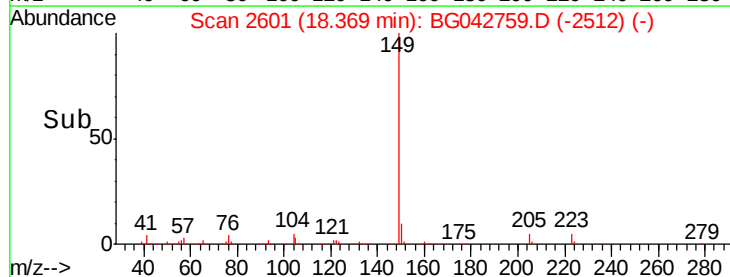
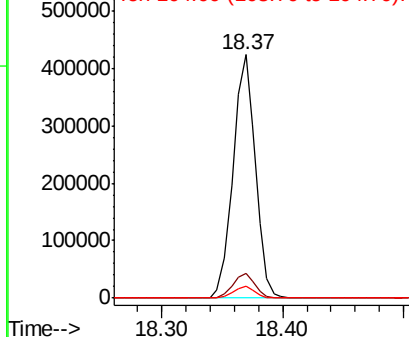


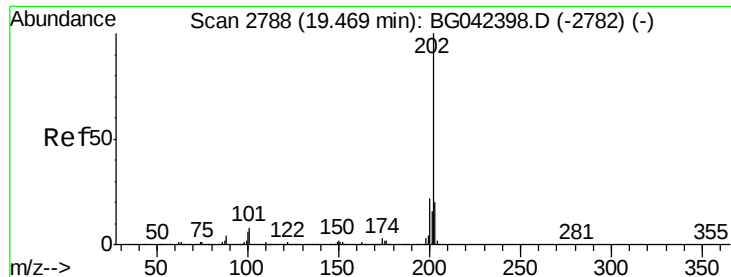
#74
 Di-n-butylphthalate
 Concen: 40.090 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042759.D
 Acq: 6 Sep 2019 22:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	4.7	3.7	5.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.085 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Instrument :

BNA_G

ClientSampleId :

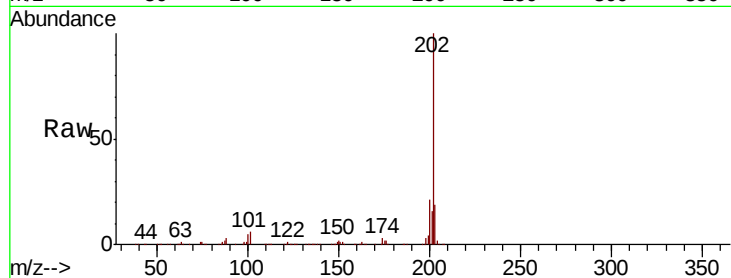
Tot Ion:202 Resp: 646368

Ion Ratio Lower Upper

202 100

101 5.5 0.0 28.3

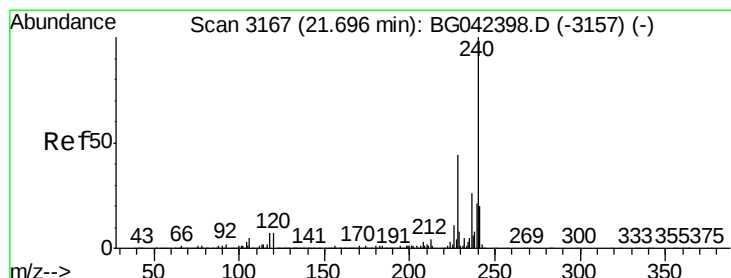
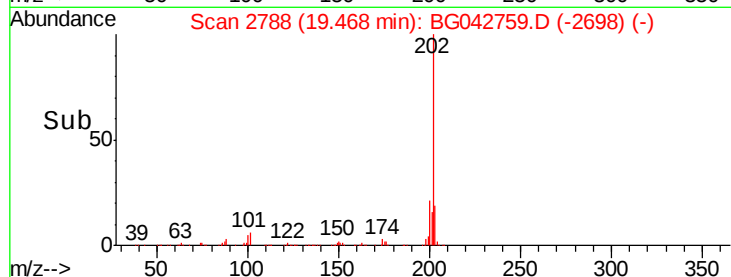
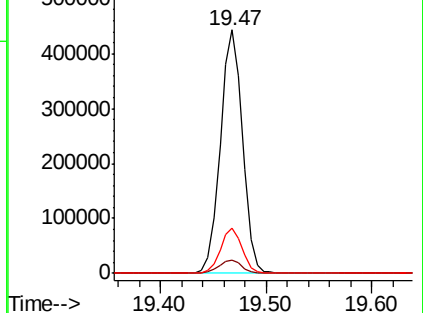
203 18.8 0.0 39.6



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: BG042759.D

Acq: 6 Sep 2019 22:26

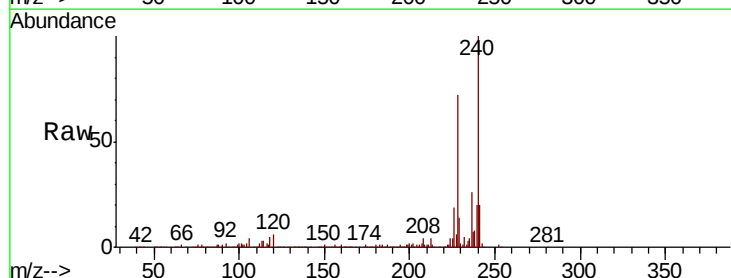
Tgt Ion:240 Resp: 214124

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

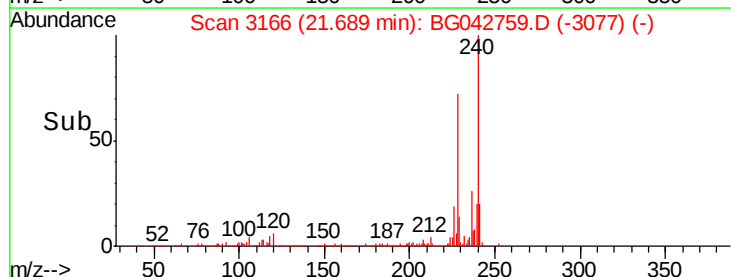
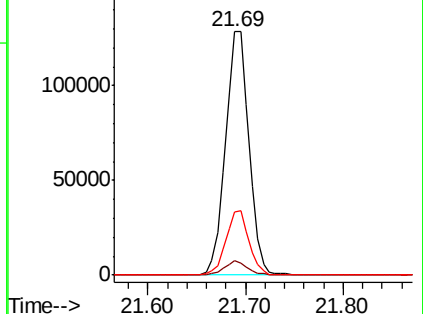
236 26.1 21.0 31.4

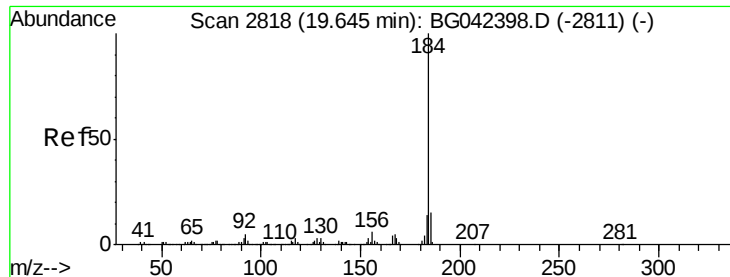


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.105 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Instrument :

BNA_G

ClientSampleId :

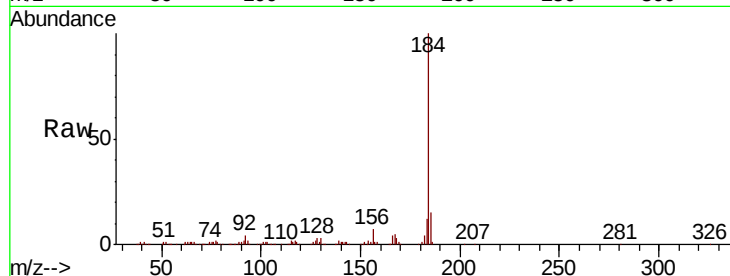
Tot Ion:184 Resp: 276901

Ion Ratio Lower Upper

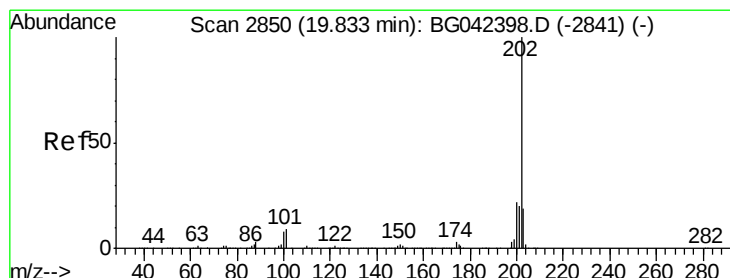
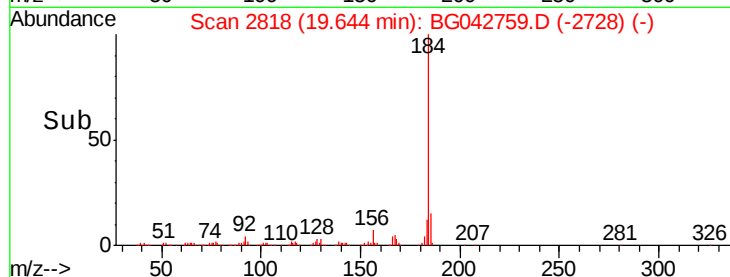
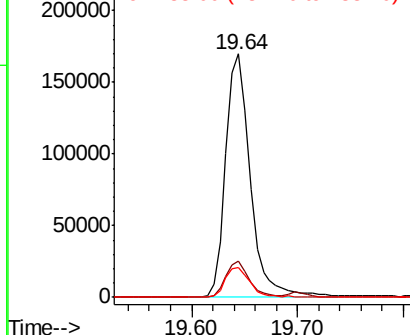
184 100

185 15.0 12.2 18.4

183 12.4 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



#78

Pyrene

Concen: 47.722 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

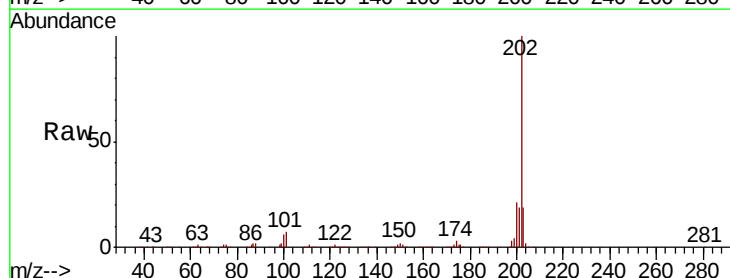
Tgt Ion:202 Resp: 626492

Ion Ratio Lower Upper

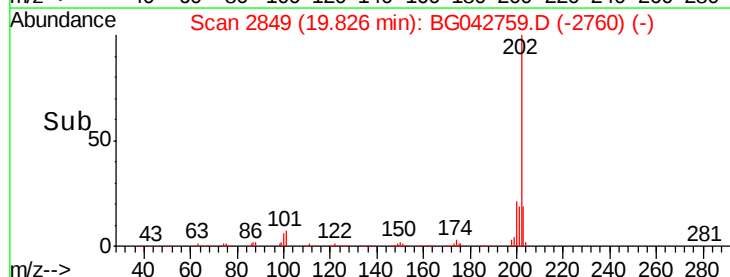
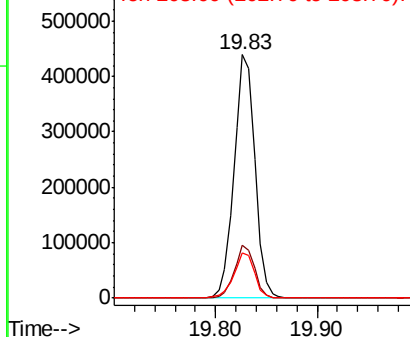
202 100

200 21.5 17.8 26.6

203 18.6 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





#79

Terphenyl-d14

Concen: 77.237 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Instrument :

BNA_G

ClientSampleId :

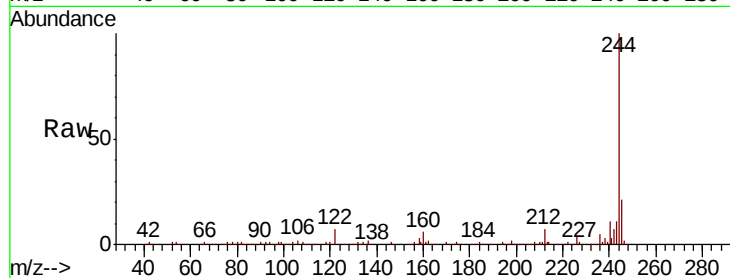
Tot Ion:244 Resp: 764980

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

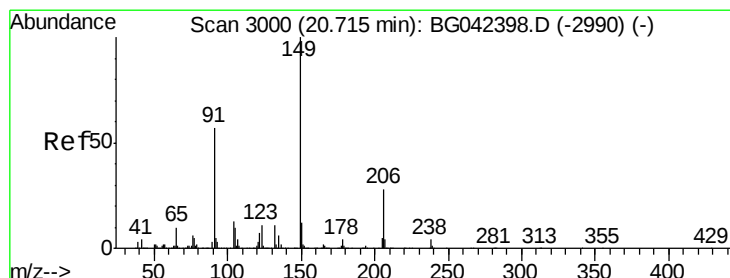
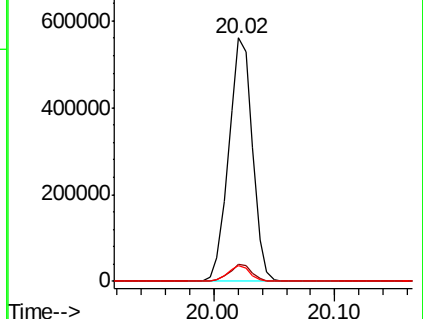
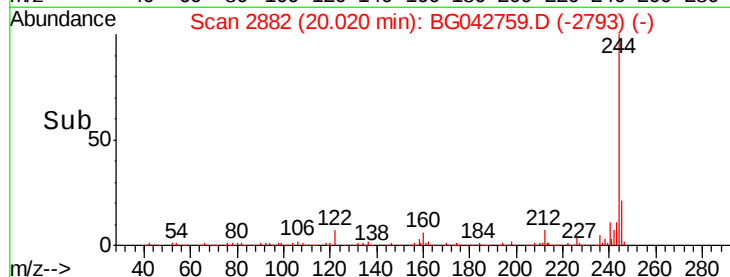
122 6.5 6.7 10.1#



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: 39.947 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

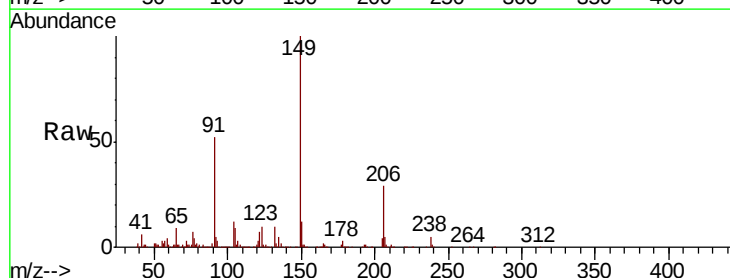
Tgt Ion:149 Resp: 206263

Ion Ratio Lower Upper

149 100

91 52.4 45.9 68.9

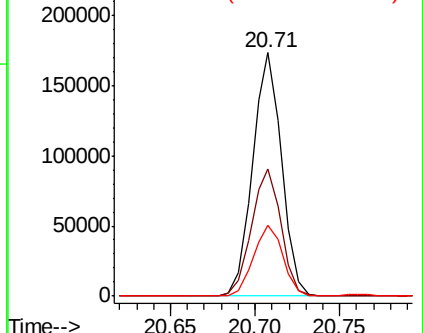
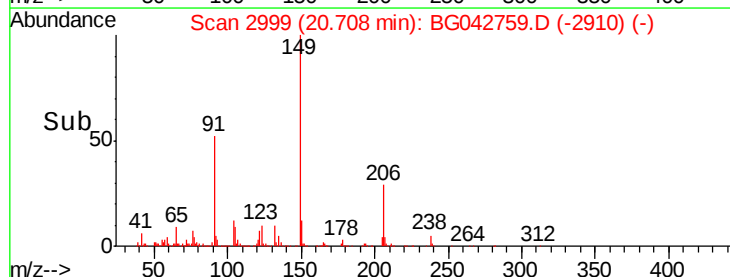
206 29.3 22.5 33.7



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: 46.102 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

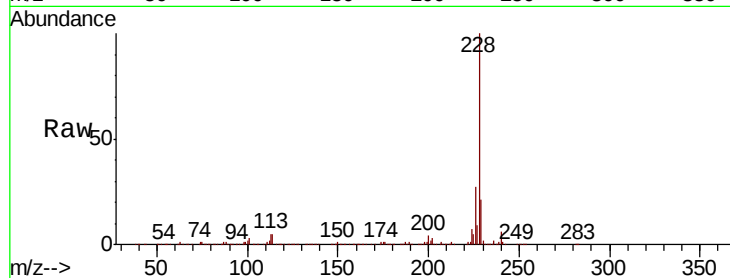
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 600510

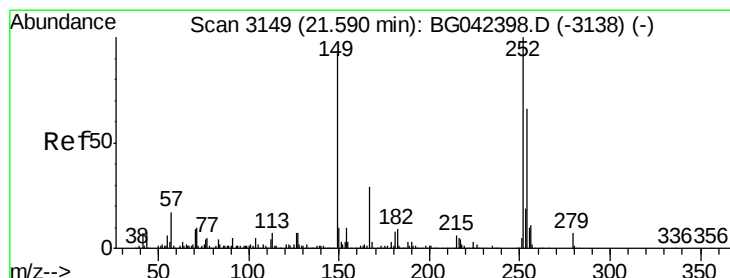
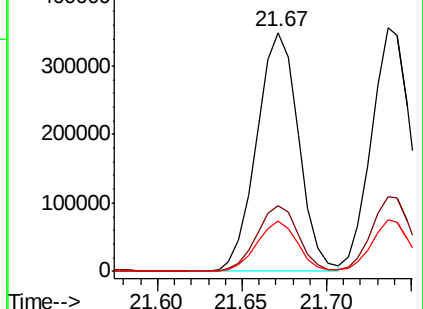
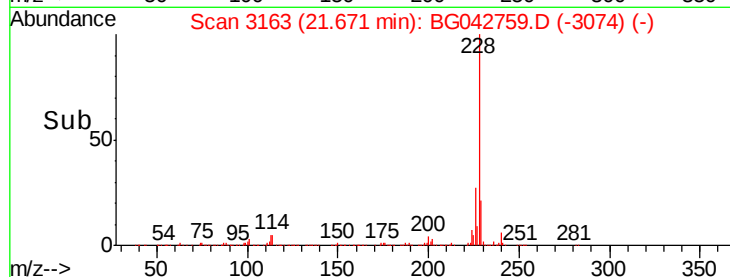
Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.4	35.2
229	21.0	17.4	26.2



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: 35.081 ng

RT: 21.58 min Scan# 3148

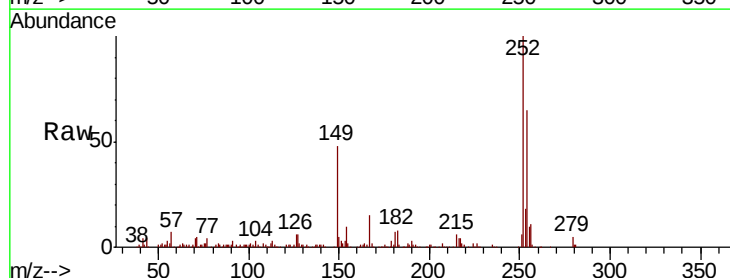
Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Tgt Ion:252 Resp: 183778

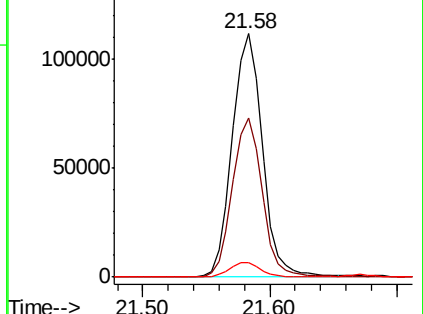
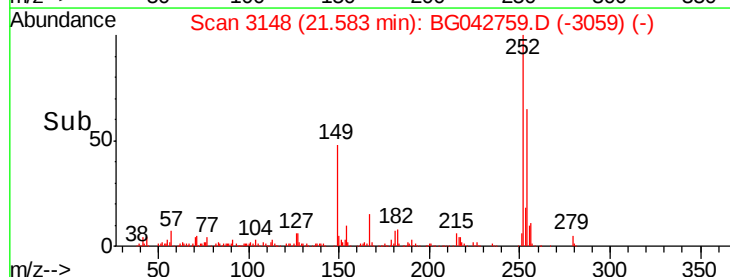
Ion	Ratio	Lower	Upper
252	100		
254	65.5	53.0	79.4
126	6.0	5.7	8.5

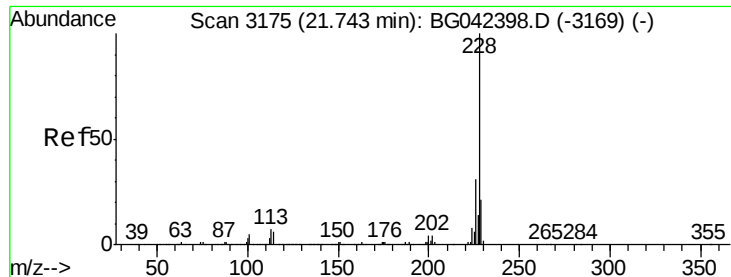


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.636 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Instrument :

BNA_G

ClientSampleId :

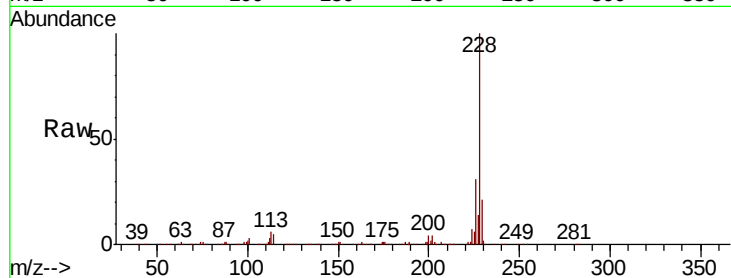
Tot Ion:228 Resp: 573279

Ion Ratio Lower Upper

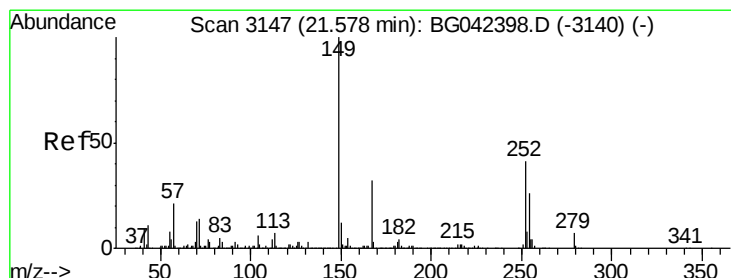
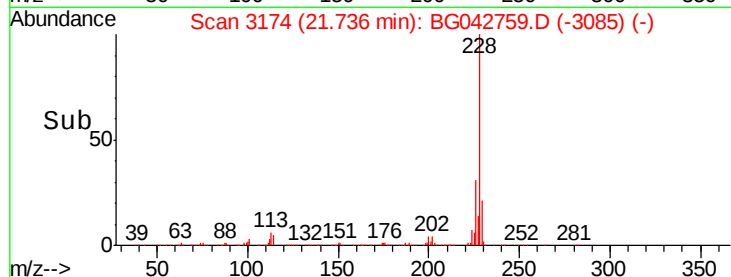
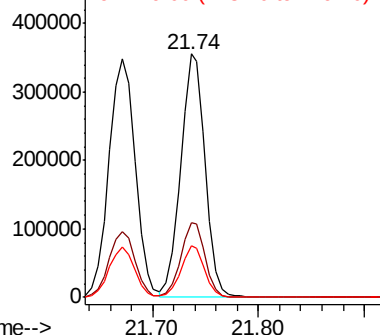
228 100

226 30.7 24.9 37.3

229 21.2 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: 41.760 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

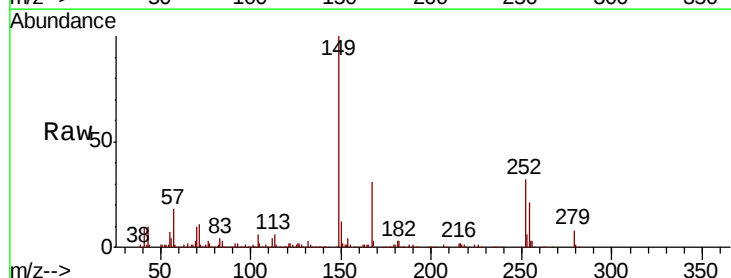
Tgt Ion:149 Resp: 299382

Ion Ratio Lower Upper

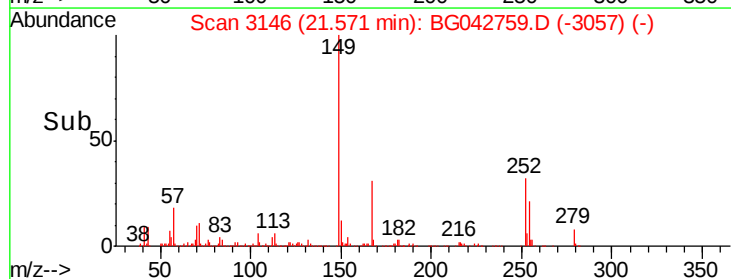
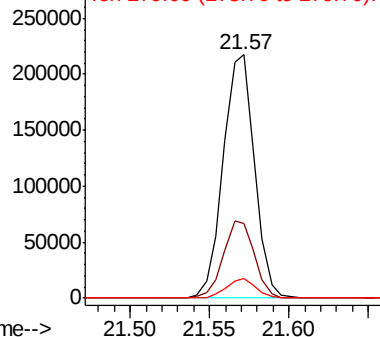
149 100

167 30.9 26.0 39.0

279 7.9 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

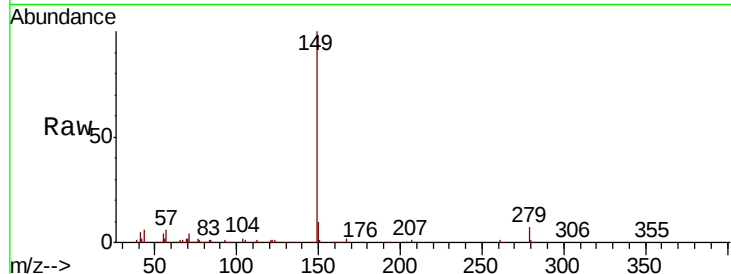




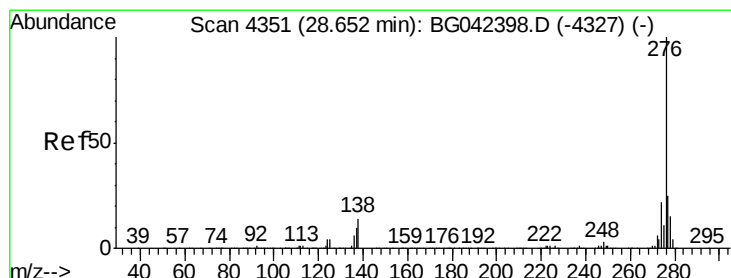
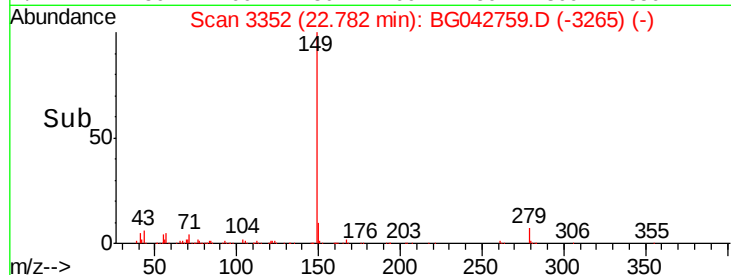
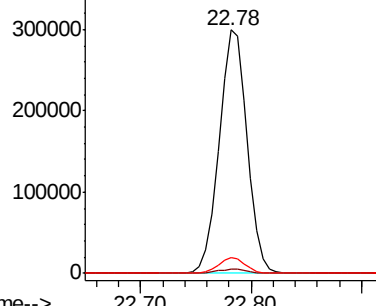
#85
Di-n-octyl phthalate
Concen: 42.984 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.0	5.3	7.9

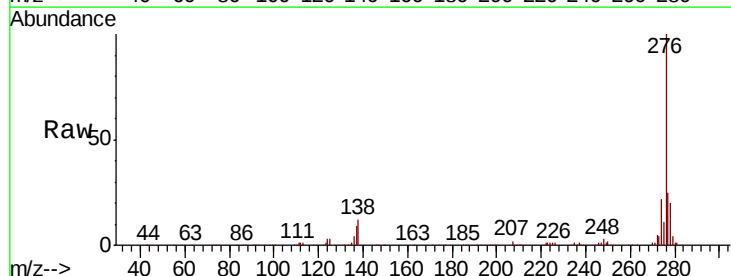


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

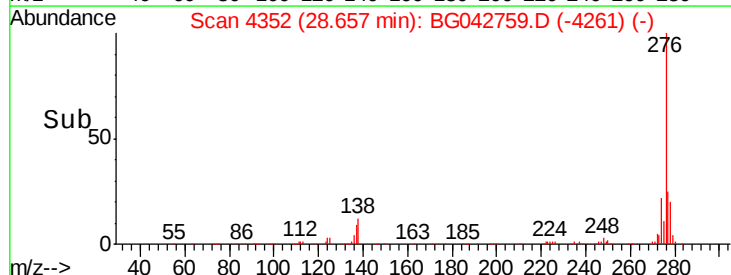
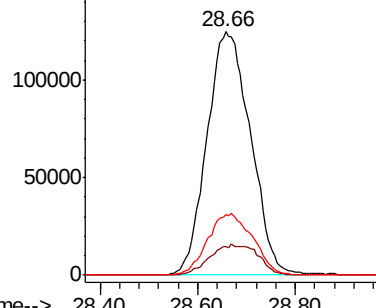


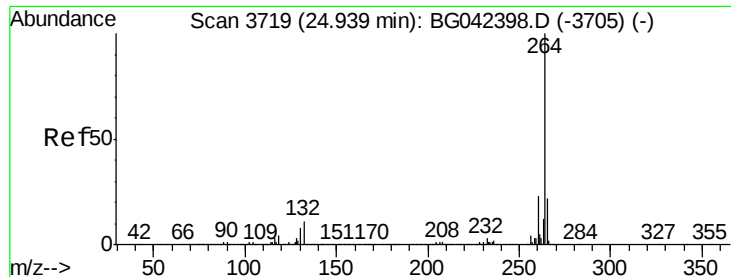
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.318 ng
RT: 28.66 min Scan# 4352
Delta R.T. 0.00 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.0	9.2	13.8#
277	26.2	21.0	31.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



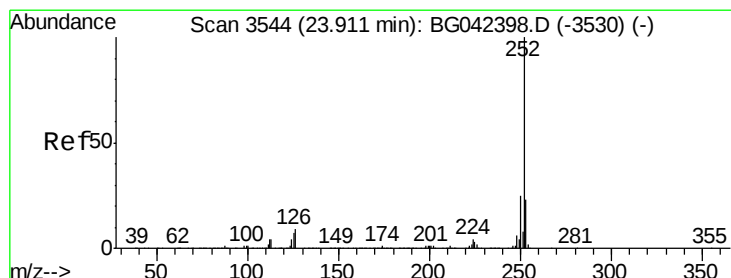
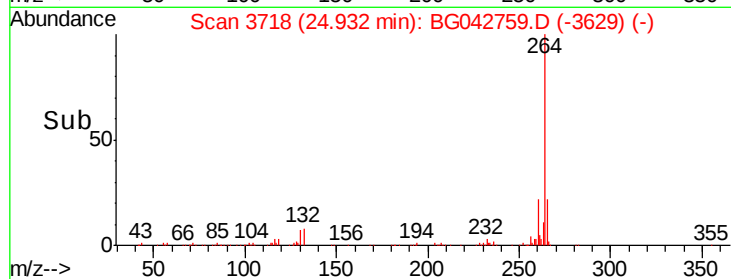
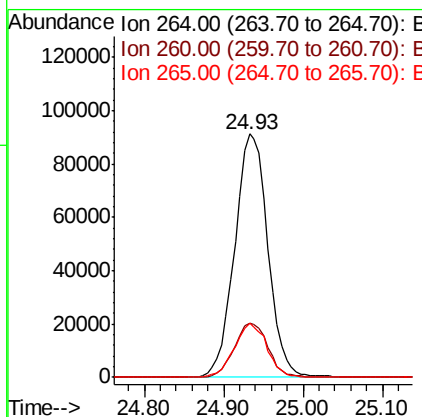
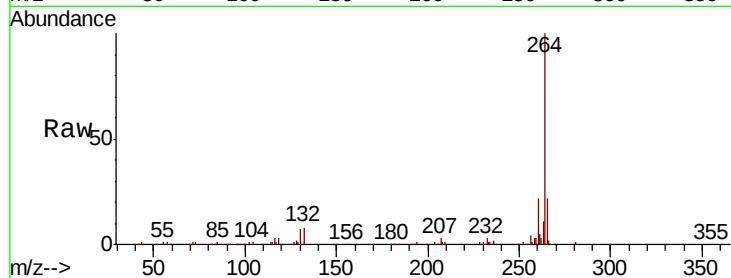


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 264033

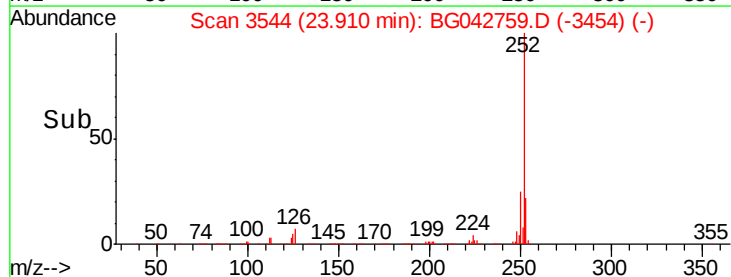
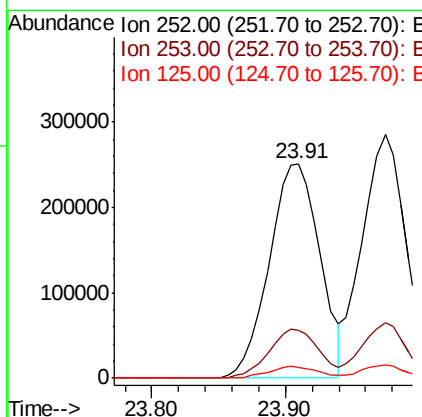
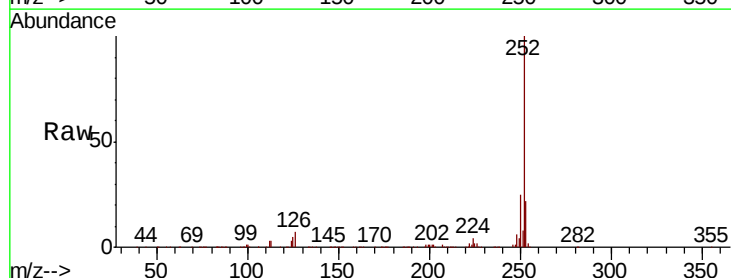
Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.5	27.7
265	22.1	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 45.589 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Tgt Ion:252 Resp: 661745

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	27.8
125	4.8	5.6	8.4#





#89

Benzo(k)fluoranthene

Concen: 46.679 ng

RT: 23.97 min Scan# 3555

Delta R.T. -0.00 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

Instrument :

BNA_G

ClientSampleId :

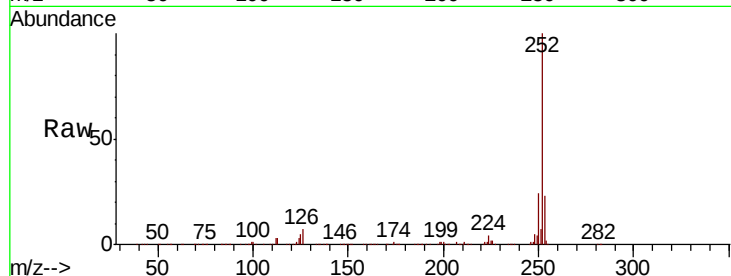
Tot Ion:252 Resp: 651292

Ion Ratio Lower Upper

252 100

253 22.6 18.6 27.8

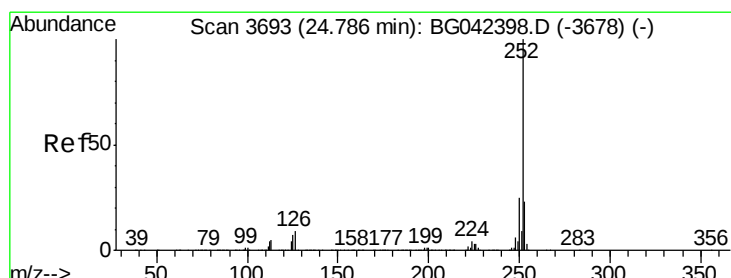
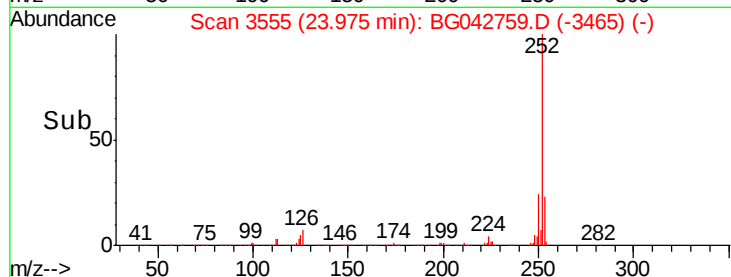
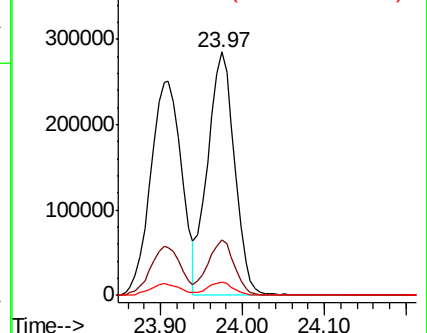
125 5.4 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.463 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BG042759.D

Acq: 6 Sep 2019 22:26

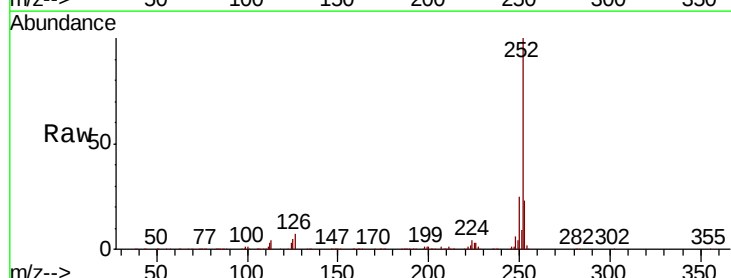
Tgt Ion:252 Resp: 653760

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

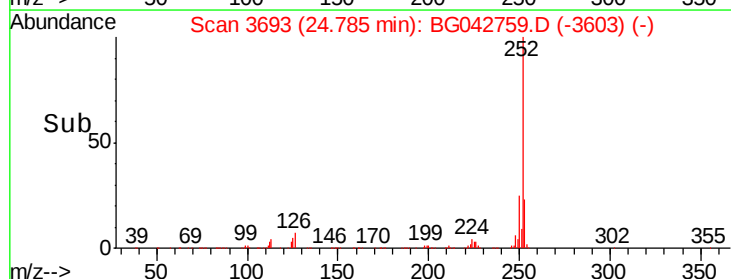
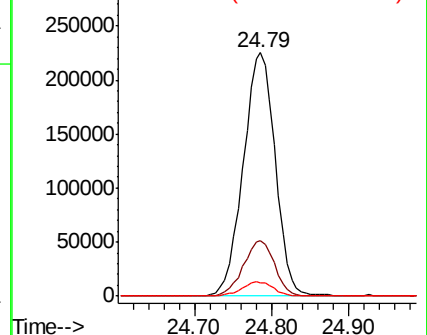
125 5.3 6.0 9.0#

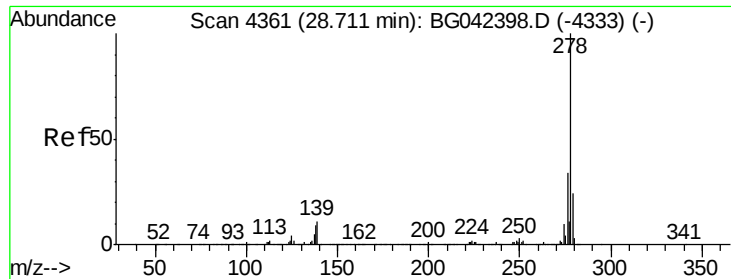


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

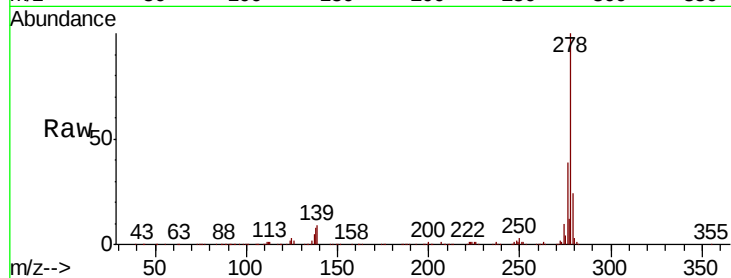




#91
Dibenzo(a,h)anthracene
Concen: 46.037 ng
RT: 28.72 min Scan# 4362
Delta R.T. 0.00 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	8.8	13.2
279	24.1	19.1	28.7

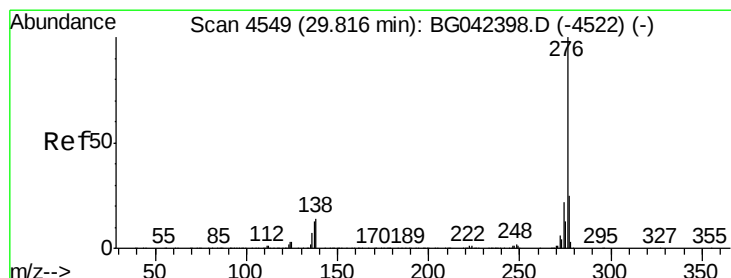
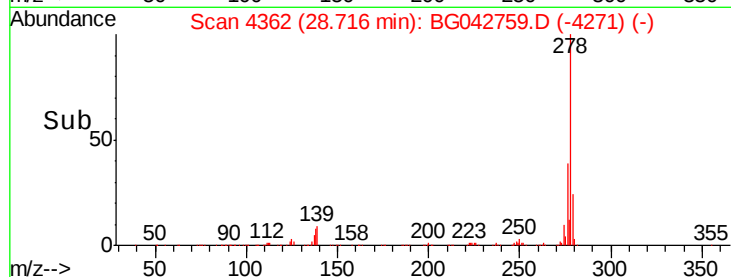
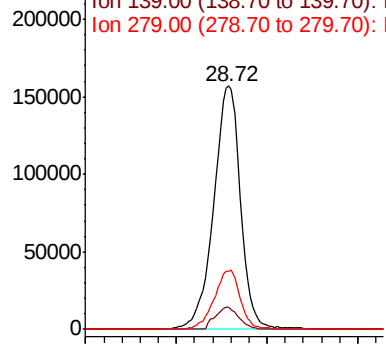


Abundance

Ion 278.00 (277.70 to 278.70): E

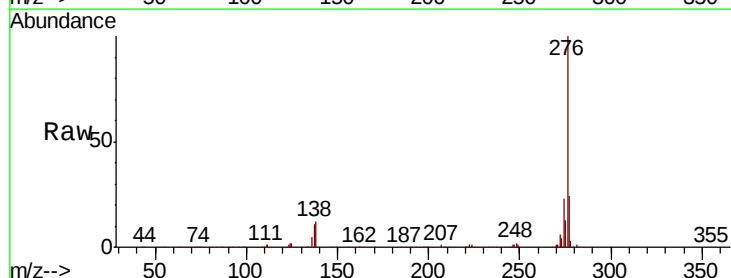
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.523 ng
RT: 29.81 min Scan# 4549
Delta R.T. -0.00 min
Lab File: BG042759.D
Acq: 6 Sep 2019 22:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.8
138	11.8	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

