

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042720.D
 Acq On : 5 Sep 2019 14:56
 Operator : HP/JU
 Sample : PB122813BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 18:43:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29557	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	110376	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	78976	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	186015	20.00	ng	0.00
76) Chrysene-d12	21.69	240	226356	20.00	ng	0.00
87) Perylene-d12	24.93	264	247323	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	174492	119.56	ng	0.00
7) Phenol-d6	7.17	99	210647	106.86	ng	0.00
23) Nitrobenzene-d5	9.17	82	113143	70.84	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	139767	124.51	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	362555	77.64	ng	0.00
79) Terphenyl-d14	20.02	244	793884	75.82	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.41	88	23085	37.904 ng	95
3) Pyridine	3.82	79	48866	31.290 ng	95
4) n-Nitrosodimethylamine	3.74	42	25142	45.075 ng	93
6) Aniline	7.32	93	78828	29.981 ng	99
8) 2-Chlorophenol	7.56	128	78840	44.576 ng	98
9) Benzaldehyde	7.13	77	42006	42.563 ng	99
10) Phenol	7.19	94	83106	41.463 ng	93
11) bis(2-Chloroethyl)ether	7.42	93	60605	38.501 ng	97
12) 1,3-Dichlorobenzene	7.89	146	96121	42.721 ng	99
13) 1,4-Dichlorobenzene	8.03	146	97271	42.680 ng	98
14) 1,2-Dichlorobenzene	8.36	146	91317	41.840 ng	98
15) Benzyl Alcohol	8.24	79	56800	40.049 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	74480	34.909 ng	97
17) 2-Methylphenol	8.45	107	60519	40.994 ng	96
18) Hexachloroethane	9.09	117	32030	41.052 ng	86
19) n-Nitroso-di-n-propylamine	8.81	70	45516	35.639 ng	96
20) 3+4-Methylphenols	8.78	107	78544	38.449 ng	97
22) Acetophenone	8.83	105	106561	45.139 ng	# 95
24) Nitrobenzene	9.21	77	70956	43.869 ng	98
25) Isophorone	9.74	82	124878	39.616 ng	99
26) 2-Nitrophenol	9.93	139	46068	45.450 ng	96
27) 2,4-Dimethylphenol	9.99	122	69051	49.455 ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	78704	39.614 ng	99
29) 2,4-Dichlorophenol	10.48	162	86091	47.128 ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	102949	45.914 ng	97
31) Naphthalene	10.87	128	231026	45.083 ng	99
32) Benzoic acid	10.15	122	21390	25.686 ng	94
33) 4-Chloroaniline	10.98	127	64018	27.062 ng	98
34) Hexachlorobutadiene	11.16	225	71212	47.257 ng	95
35) Caprolactam	11.76	113	22955	37.659 ng	92
36) 4-Chloro-3-methylphenol	12.12	107	73763	42.536 ng	98
37) 2-Methylnaphthalene	12.48	142	182192	44.278 ng	97
38) 1-Methylnaphthalene	12.70	142	168254	43.049 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	126650	49.937 ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042720.D
 Acq On : 5 Sep 2019 14:56
 Operator : HP/JU
 Sample : PB122813BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 18:43:50 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)
41) Hexachlorocyclopentadiene	12.83	237	115354	86.587	ng	98
43) 2,4,6-Trichlorophenol	13.10	196	76434	44.586	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	79904	44.978	ng	96
46) 1,1'-Biphenyl	13.49	154	237122	46.448	ng	97
47) 2-Chloronaphthalene	13.53	162	195905	44.504	ng	99
48) 2-Nitroaniline	13.74	65	40658	38.303	ng	98
49) Acenaphthylene	14.38	152	298799	45.119	ng	100
50) Dimethylphthalate	14.11	163	244108	42.838	ng	99
51) 2,6-Dinitrotoluene	14.23	165	57681	43.670	ng	97
52) Acenaphthene	14.72	154	174394	43.367	ng	98
53) 3-Nitroaniline	14.57	138	39958	30.249	ng	96
54) 2,4-Dinitrophenol	14.78	184	66172	74.764	ng	99
55) Dibenzofuran	15.06	168	304459	45.739	ng	100
56) 4-Nitrophenol	14.89	139	77360	82.416	ng	94
57) 2,4-Dinitrotoluene	15.02	165	82065	43.388	ng	94
58) Fluorene	15.71	166	247059	45.405	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.21	232	74235	42.255	ng	100
60) Diethylphthalate	15.47	149	234814	42.153	ng	98
61) 4-Chlorophenyl-phenylether	15.69	204	144987	44.203	ng	99
62) 4-Nitroaniline	15.73	138	60473	42.774	ng	95
63) Azobenzene	15.99	77	151859	39.784	ng	94
65) 4,6-Dinitro-2-methylphenol	15.80	198	55054	47.207	ng	97
66) n-Nitrosodiphenylamine	15.91	169	226691	44.314	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	103336	43.796	ng	98
68) Hexachlorobenzene	16.72	284	112545	43.878	ng	98
69) Atrazine	16.86	200	89213	49.316	ng	96
70) Pentachlorophenol	17.07	266	116827	87.662	ng	99
71) Phenanthrene	17.45	178	433270	46.892	ng	98
72) Anthracene	17.54	178	443808	48.115	ng	99
73) Carbazole	17.81	167	397104	48.305	ng	99
74) Di-n-butylphthalate	18.37	149	457001	47.028	ng	100
75) Fluoranthene	19.47	202	612510	54.318	ng	96
77) Benzidine	19.64	184	232924	35.891	ng	99
78) Pyrene	19.83	202	615831	44.375	ng	99
80) Butylbenzylphthalate	20.71	149	221811	40.636	ng	97
81) Benzo(a)anthracene	21.67	228	626286	45.483	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	206563	37.300	ng	100
83) Chrysene	21.73	228	601907	45.326	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	316991	41.826	ng	99
85) Di-n-octyl phthalate	22.78	149	549718	42.173	ng	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	782750	43.374	ng	# 98
88) Benzo(b)fluoranthene	23.90	252	687266	50.546	ng	99
89) Benzo(k)fluoranthene	23.90	252	687266	52.585	ng	99
90) Benzo(a)pyrene	24.78	252	668632	51.823	ng	# 99
91) Dibenzo(a,h)anthracene	28.70	278	657351	50.319	ng	97
92) Benzo(g,h,i)perylene	29.81	276	658662	50.412	ng	97

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

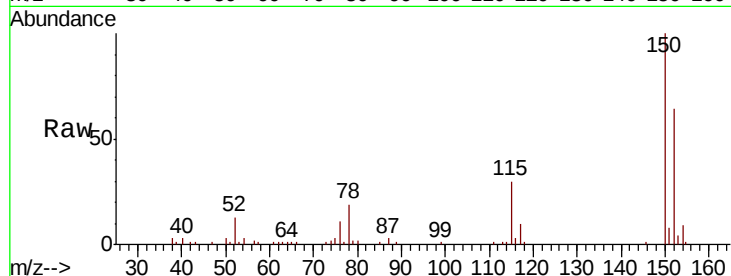


#1

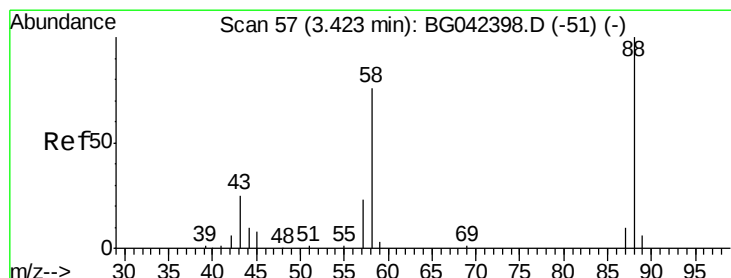
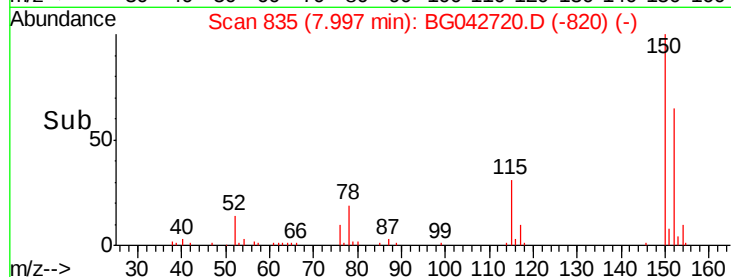
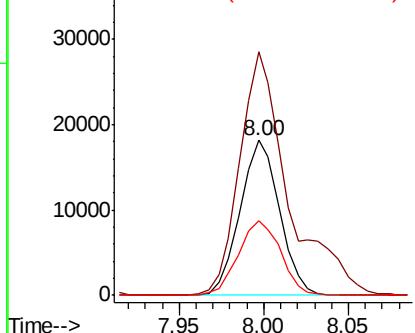
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29557
Ion Ratio Lower Upper
152 100
150 156.8 125.4 188.0
115 47.7 38.5 57.7



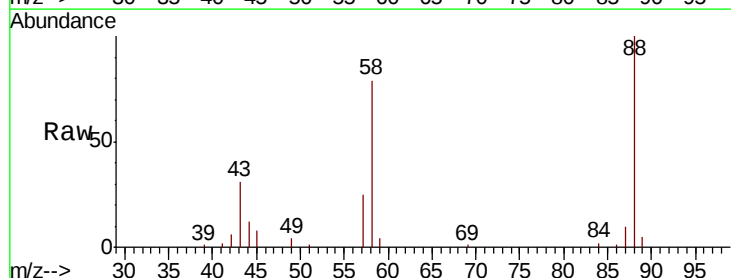
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



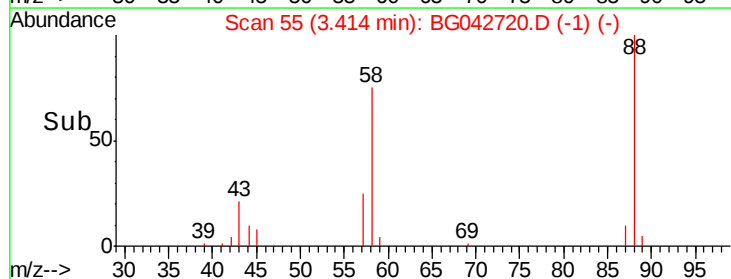
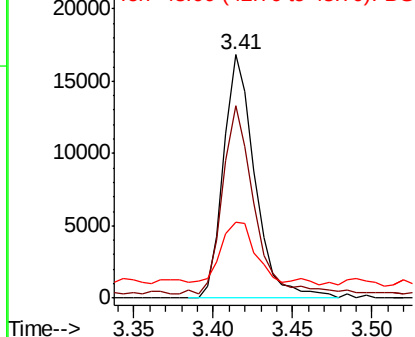
#2

1,4-Dioxane
Concen: 37.904 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion: 88 Resp: 23085
Ion Ratio Lower Upper
88 100
58 77.7 58.3 87.5
43 26.4 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: 31.290 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Instrument :

BNA_G

ClientSampleId :

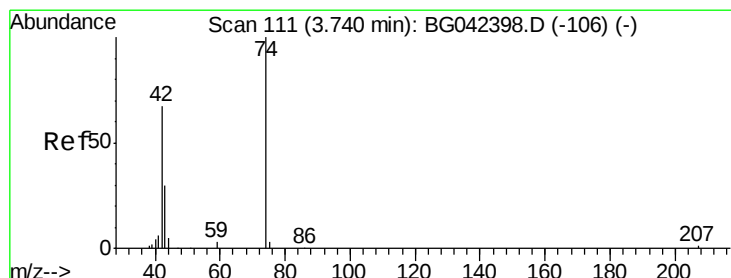
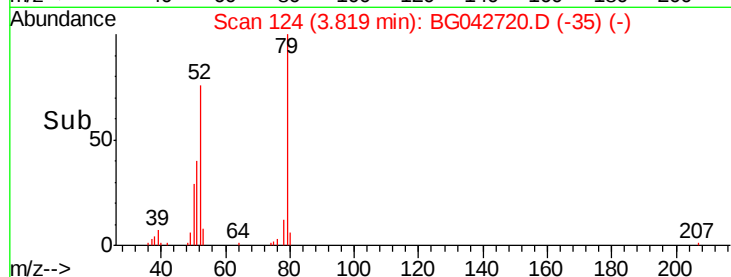
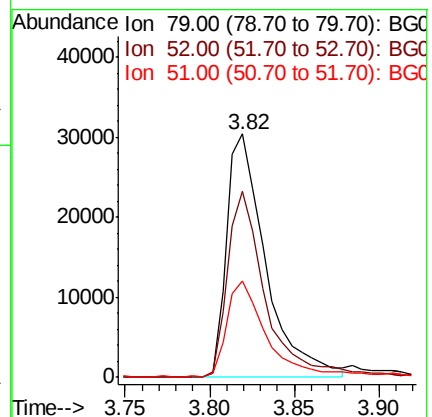
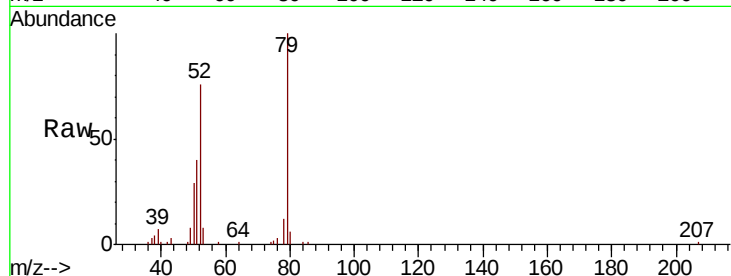
Tot Ion: 79 Resp: 48866

Ion Ratio Lower Upper

79 100

52 76.4 57.7 86.5

51 39.6 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 45.075 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

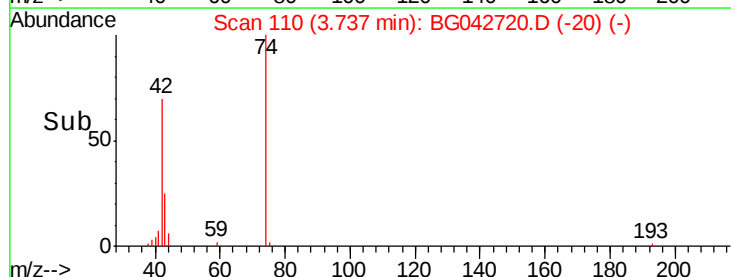
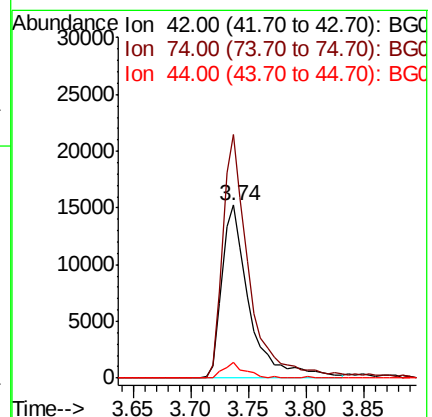
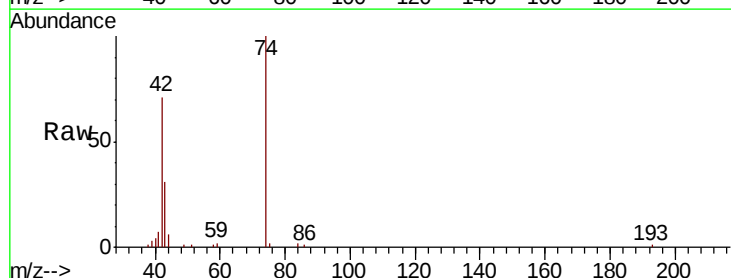
Tgt Ion: 42 Resp: 25142

Ion Ratio Lower Upper

42 100

74 140.9 119.6 179.4

44 9.1 6.5 9.7





#5

2-Fluorophenol

Concen: 119.565 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Instrument :

BNA_G

ClientSampled :

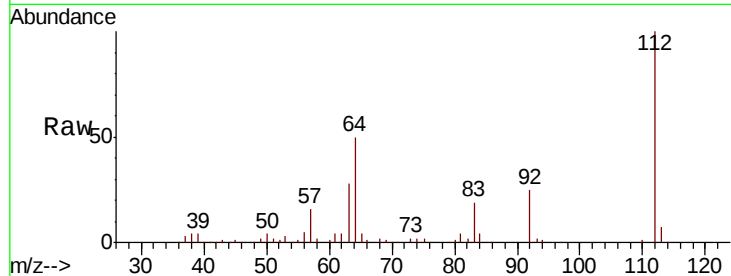
Tot Ion:112 Resp: 174492

Ion Ratio Lower Upper

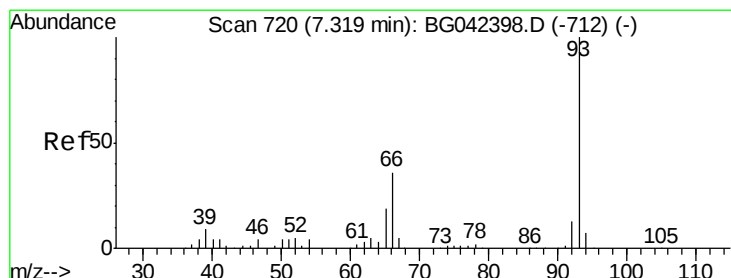
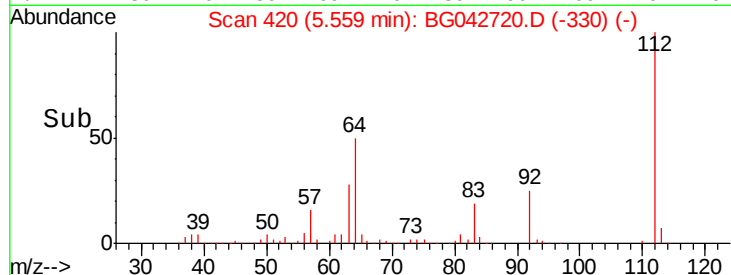
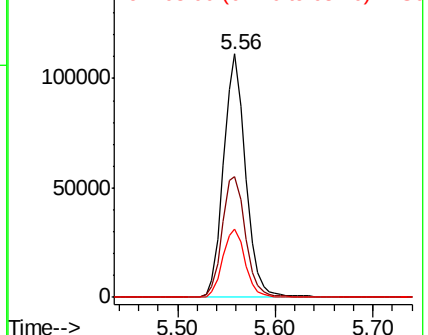
112 100

64 49.7 42.8 64.2

63 27.8 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: 29.981 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

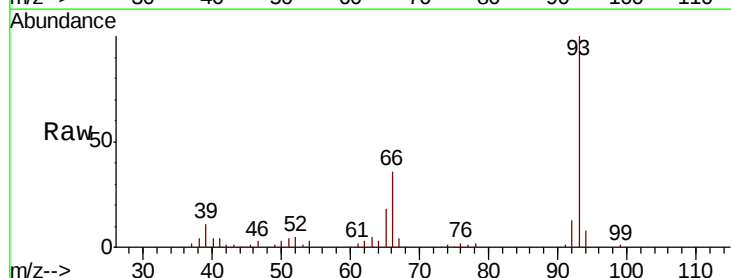
Tgt Ion: 93 Resp: 78828

Ion Ratio Lower Upper

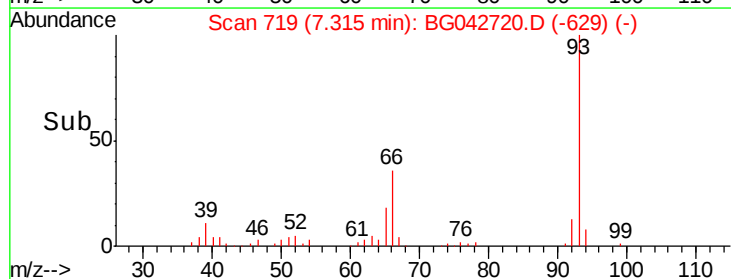
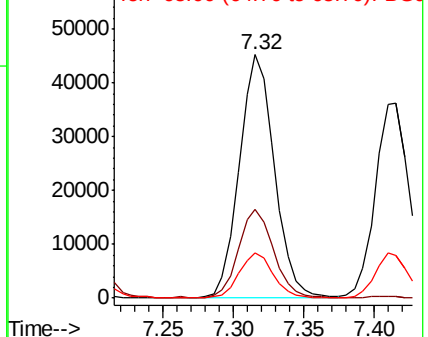
93 100

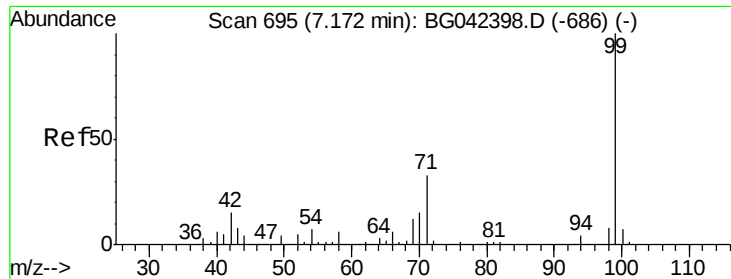
66 36.4 29.0 43.6

65 18.4 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: 106.856 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Instrument :

BNA_G

ClientSampleId :

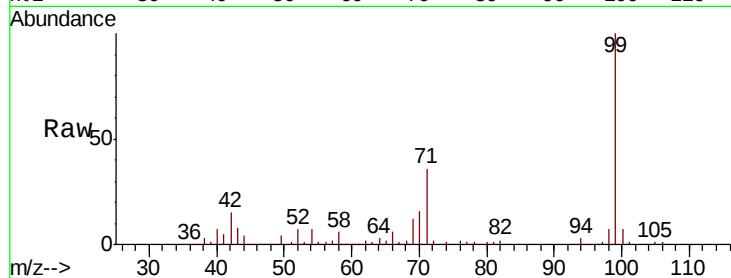
Tot Ion: 99 Resp: 210647

Ion Ratio Lower Upper

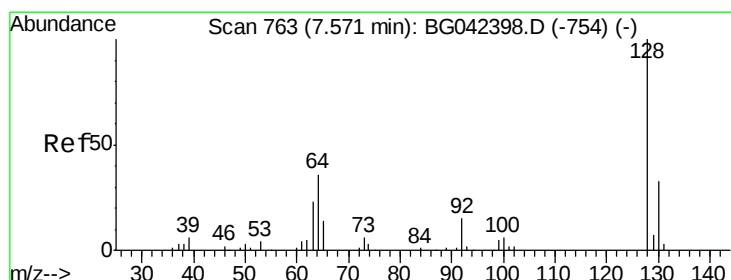
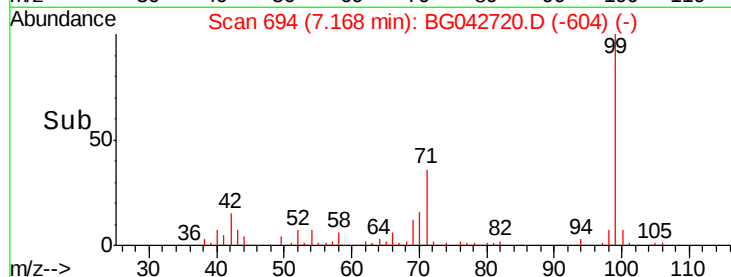
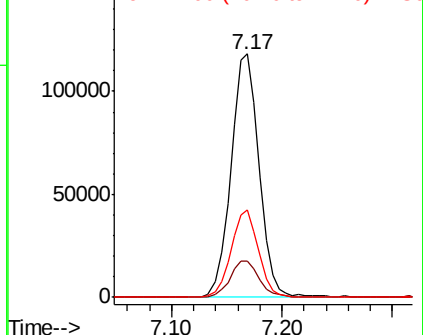
99 100

42 14.7 12.0 18.0

71 35.8 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: 44.576 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

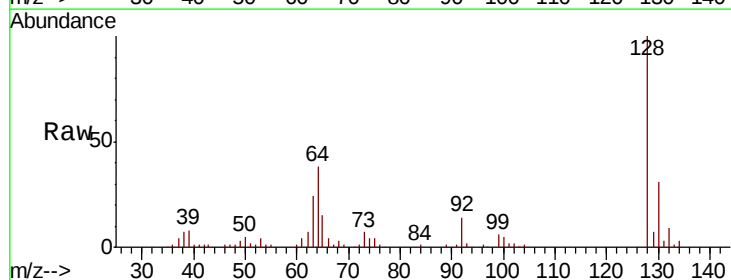
Tgt Ion: 128 Resp: 78840

Ion Ratio Lower Upper

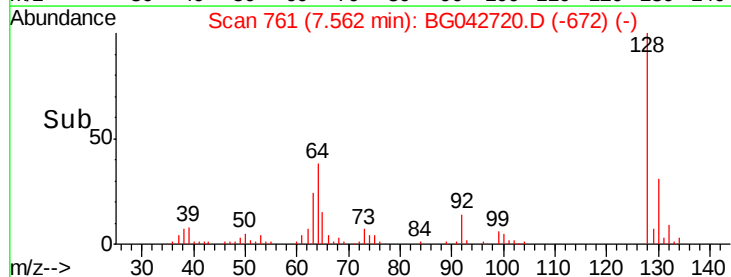
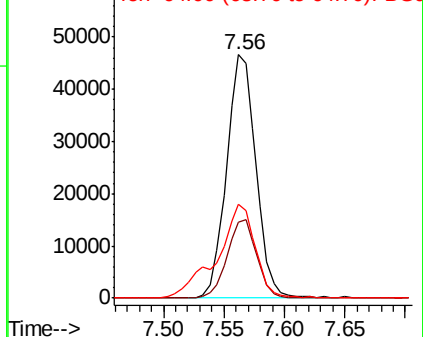
128 100

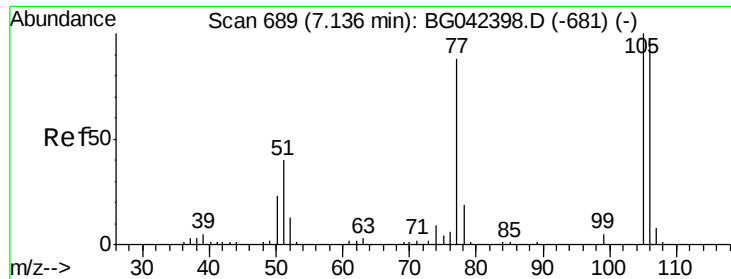
130 31.3 12.8 52.8

64 38.4 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: 42.563 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Instrument :

BNA_G

ClientSampleId :

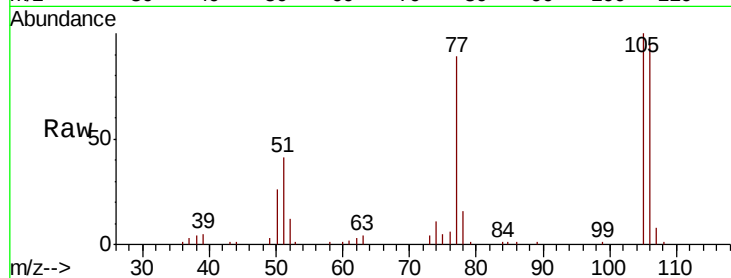
Tot Ion: 77 Resp: 42006

Ion Ratio Lower Upper

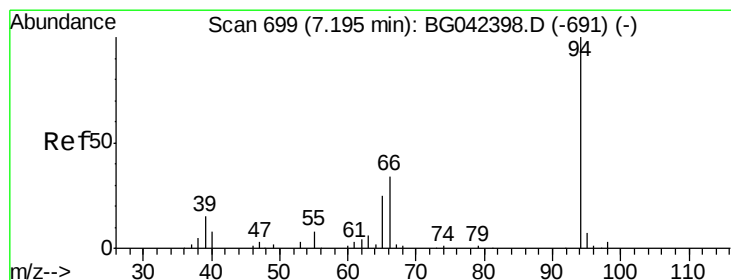
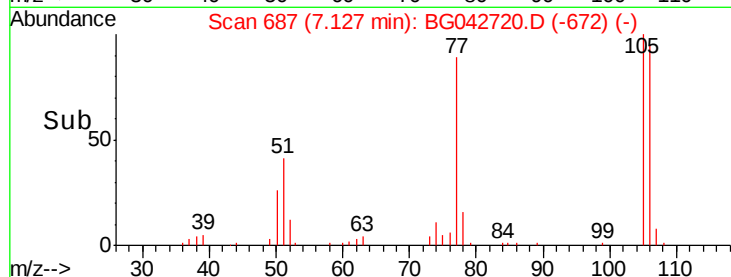
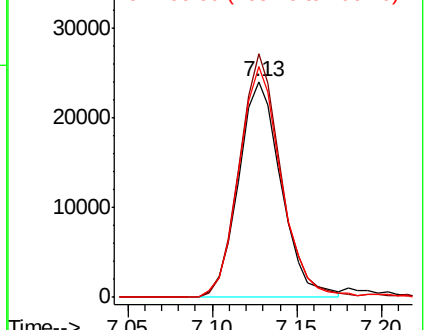
77 100

105 112.9 93.4 133.4

106 106.9 88.4 128.4



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



#10

Phenol

Concen: 41.463 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

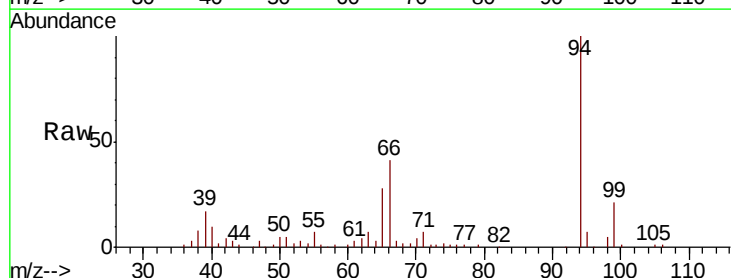
Tgt Ion: 94 Resp: 83106

Ion Ratio Lower Upper

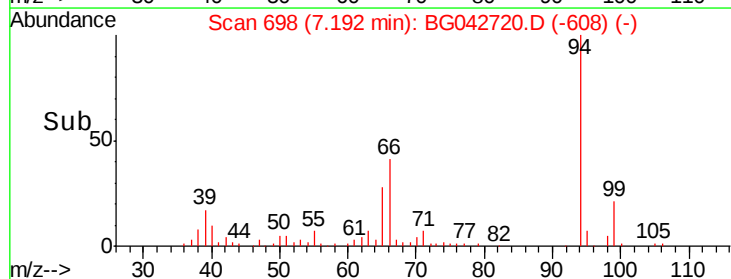
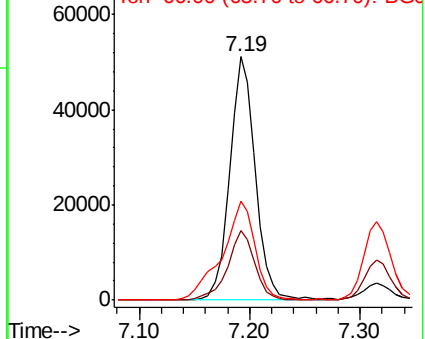
94 100

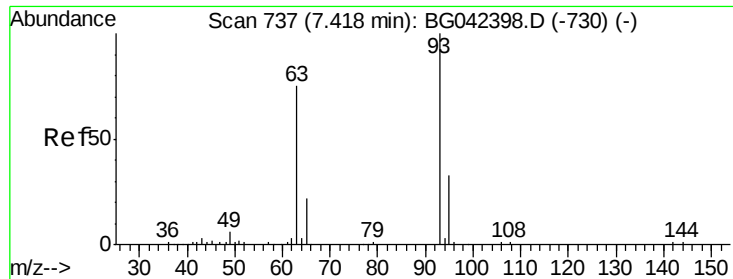
65 28.4 5.6 45.6

66 40.6 16.0 56.0



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

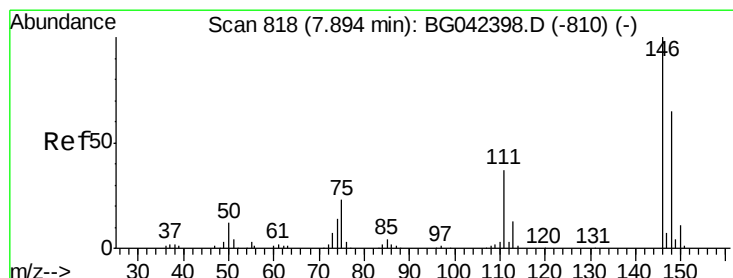
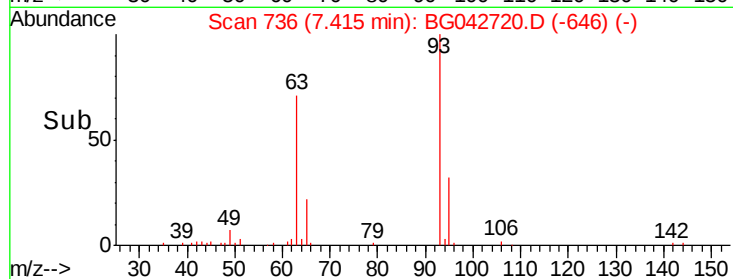
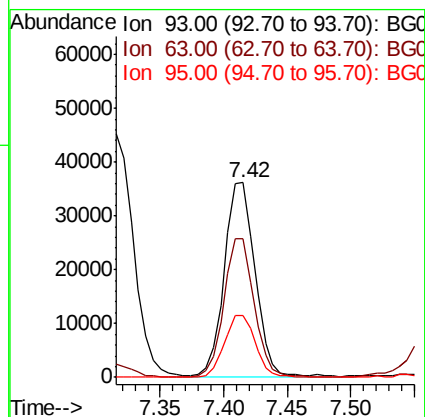
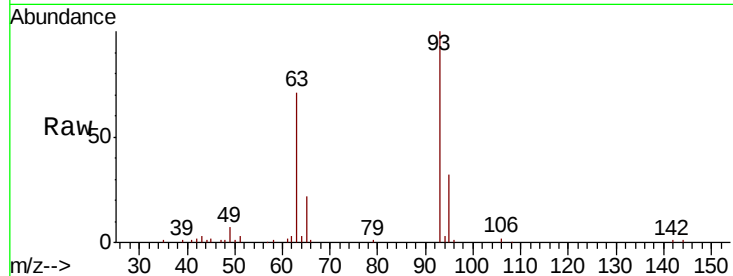




#11
bis(2-Chloroethyl)ether
Concen: 38.501 ng
RT: 7.42 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

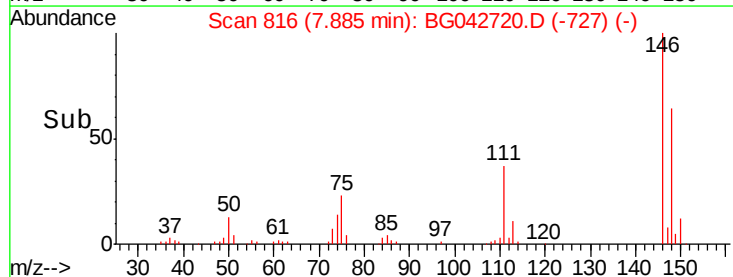
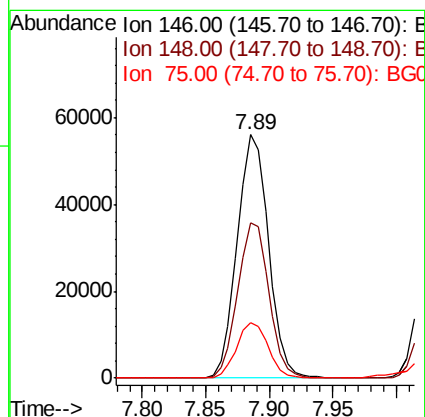
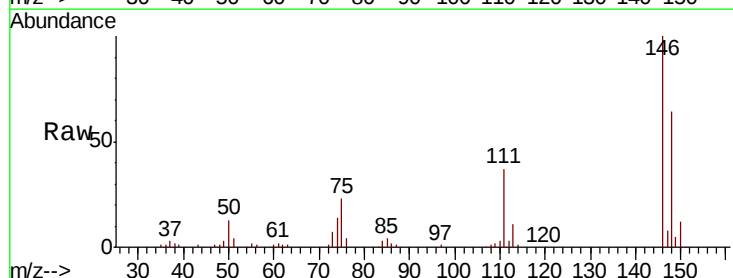
Instrument :
BNA_G
ClientSampleId :

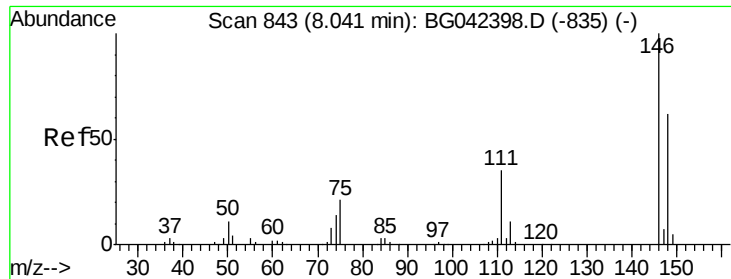
Tot Ion: 93 Resp: 60605
Ion Ratio Lower Upper
93 100
63 70.9 53.8 93.8
95 32.0 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 42.721 ng
RT: 7.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion: 146 Resp: 96121
Ion Ratio Lower Upper
146 100
148 63.9 52.2 78.2
75 22.9 18.0 27.0

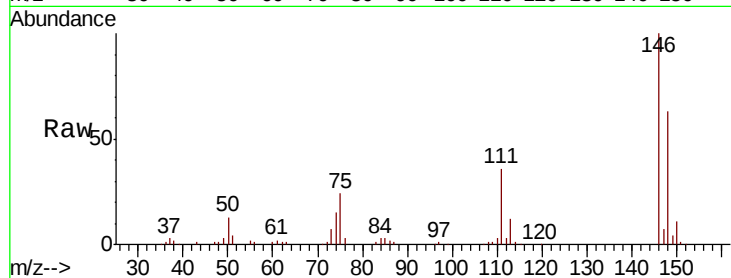




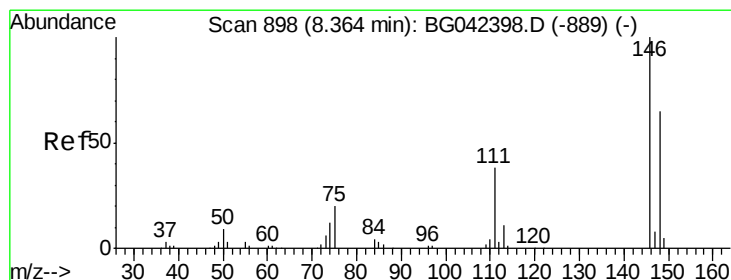
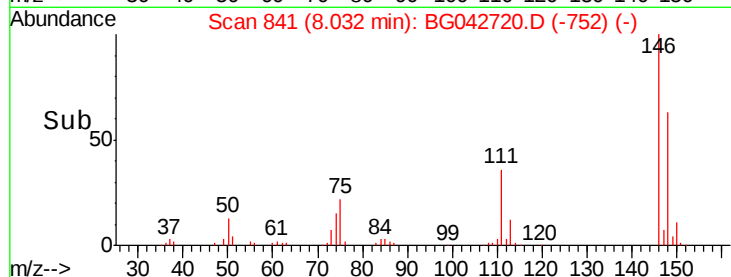
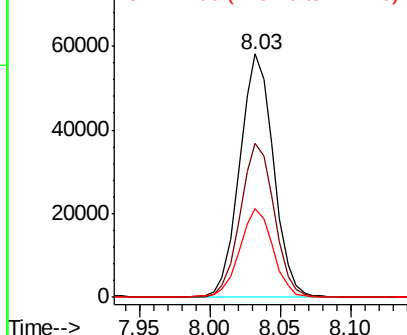
#13
 1,4-Dichlorobenzene
 Concen: 42.680 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 97271
 Ion Ratio Lower Upper
 146 100
 148 63.3 49.5 74.3
 111 36.3 28.1 42.1

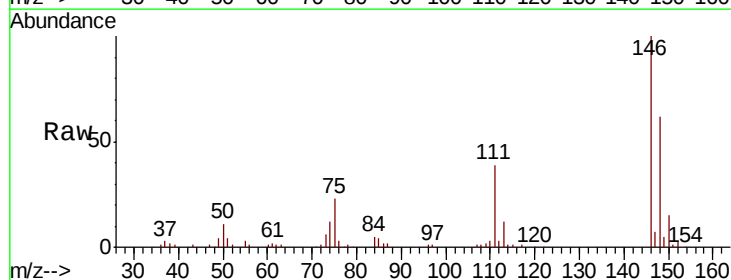


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

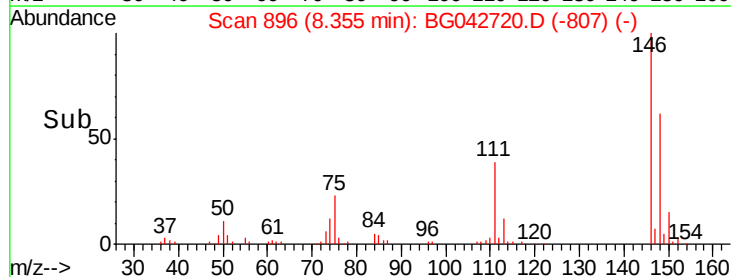
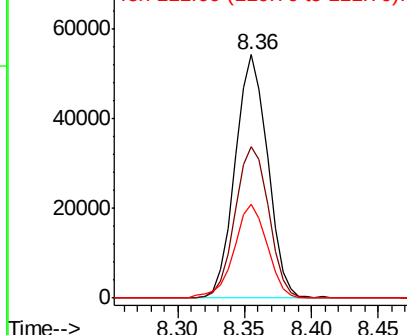


#14
 1,2-Dichlorobenzene
 Concen: 41.840 ng
 RT: 8.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Tgt Ion:146 Resp: 91317
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.8 77.6
 111 38.7 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: 40.049 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Instrument :

BNA_G

ClientSampleId :

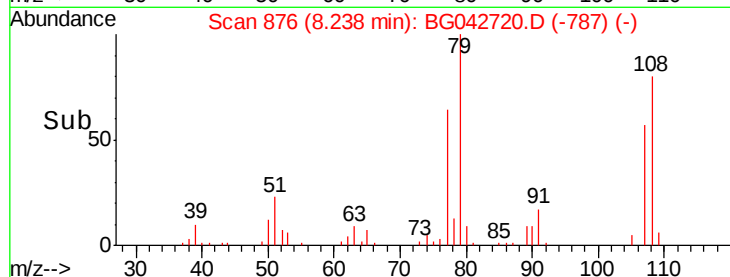
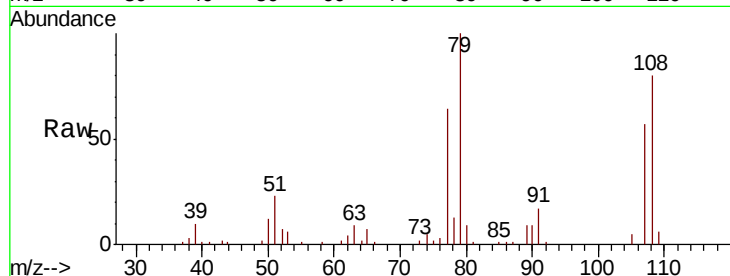
Tot Ion: 79 Resp: 56800

Ion Ratio Lower Upper

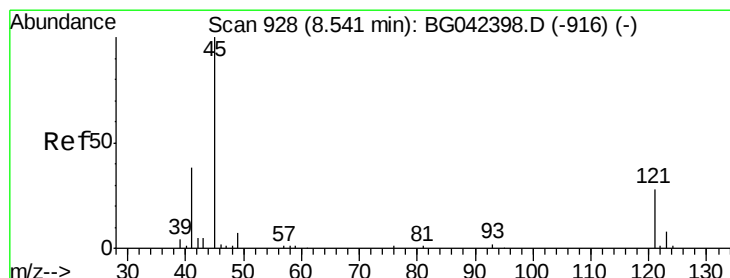
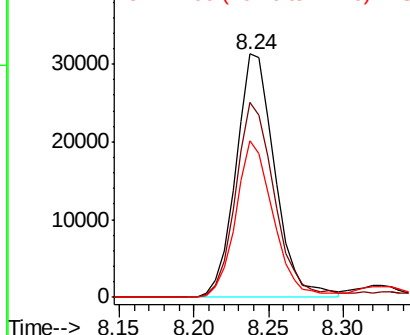
79 100

108 80.2 67.4 101.2

77 64.4 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: 34.909 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

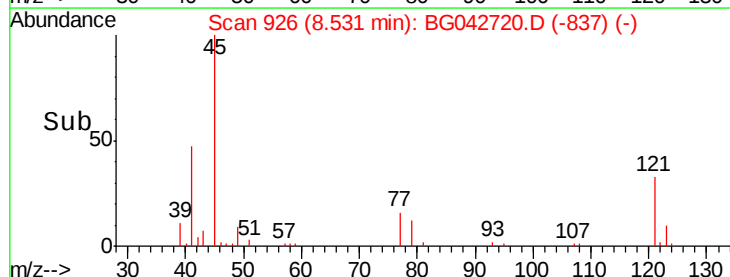
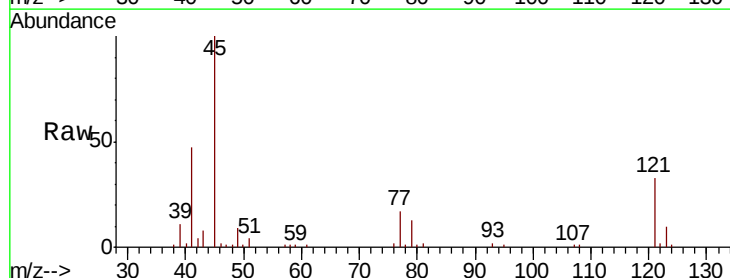
Tgt Ion: 45 Resp: 74480

Ion Ratio Lower Upper

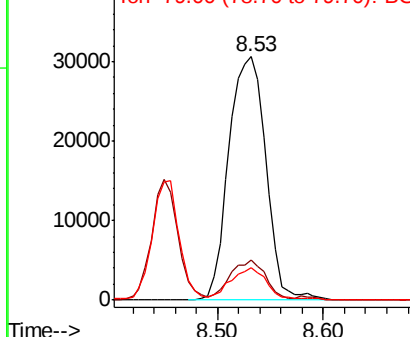
45 100

77 16.6 0.0 35.6

79 13.1 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

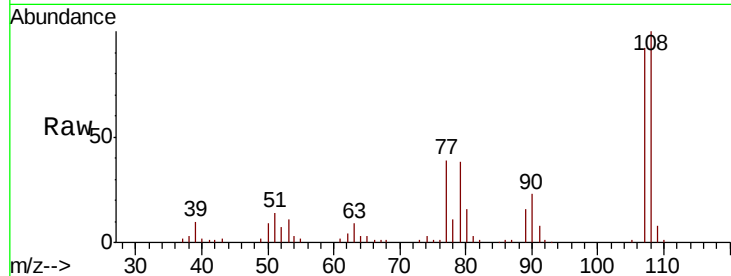




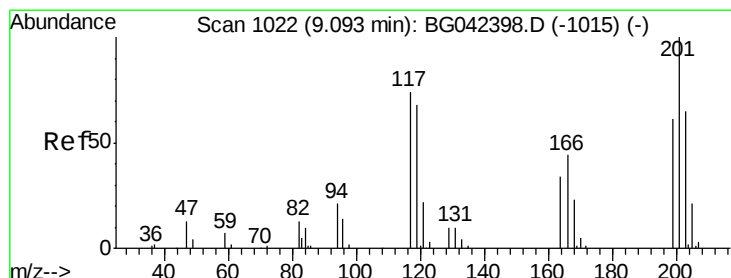
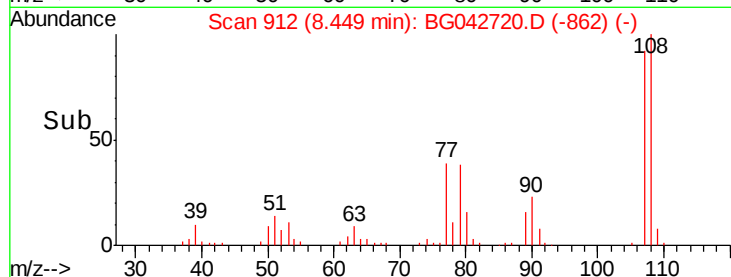
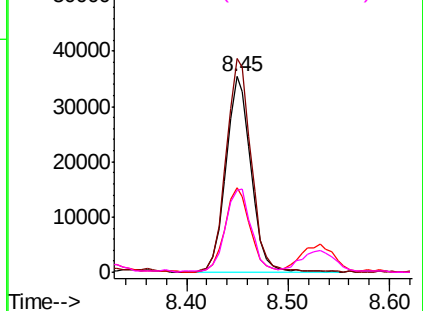
#17
2-Methylphenol
Concen: 40.994 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	60519
Ion	Ratio	Lower	Upper
107	100		
108	109.1	92.9	139.3
77	43.0	34.4	51.6
79	41.8	33.8	50.6

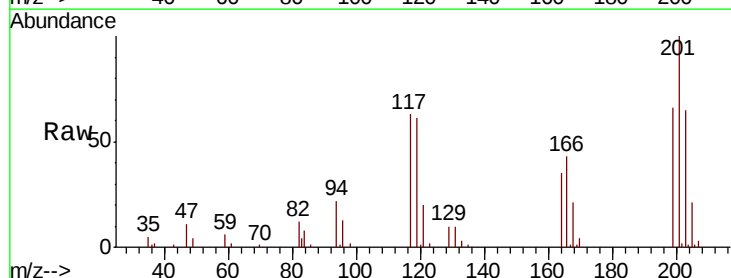


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

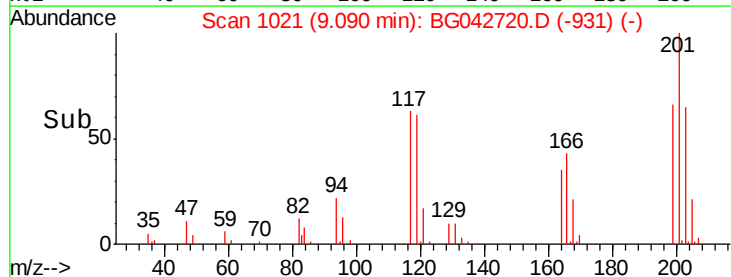
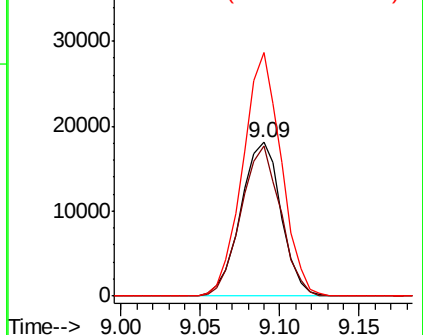


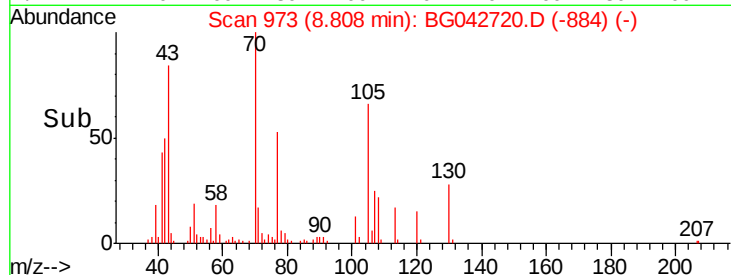
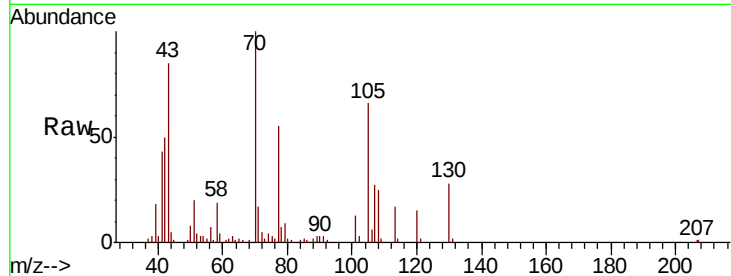
#18
Hexachloroethane
Concen: 41.052 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion:	117	Resp:	32030
Ion	Ratio	Lower	Upper
117	100		
119	97.6	73.8	110.8
201	158.7	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

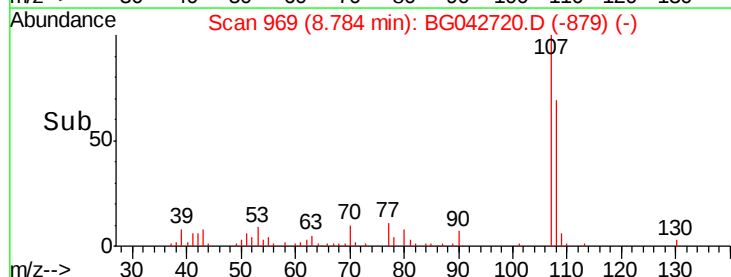
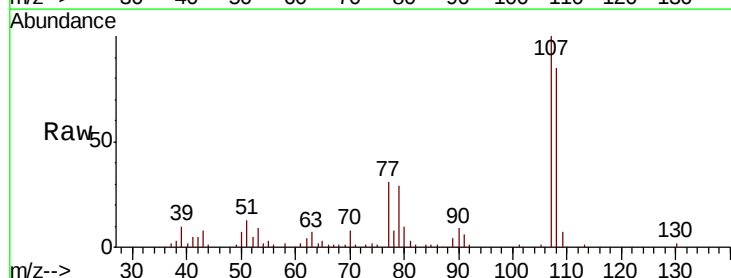
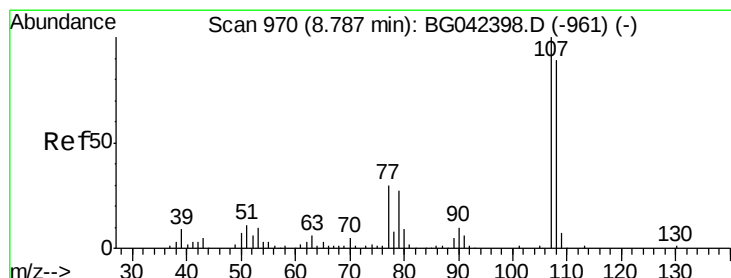
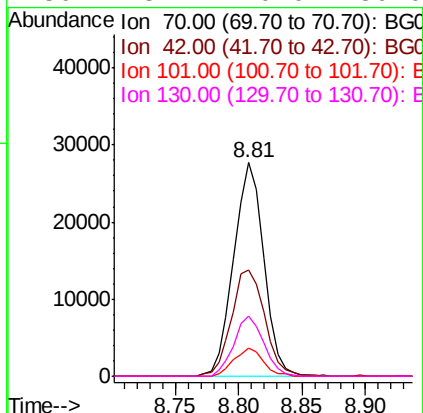




#19
n-Nitroso-di-n-propylamine
Concen: 35.639 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

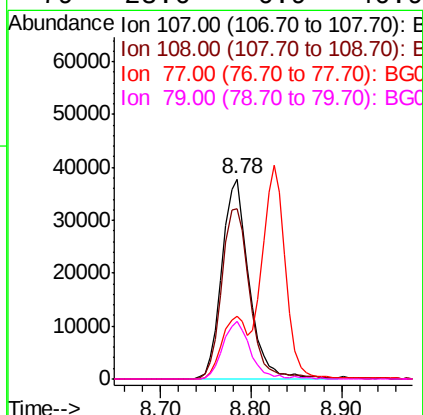
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	45516
Ion	Ratio	Lower	Upper
70	100		
42	49.9	38.8	58.2
101	13.4	9.0	13.6
130	28.4	20.0	30.0



#20
3+4-Methylphenols
Concen: 38.449 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion:	107	Resp:	78544
Ion	Ratio	Lower	Upper
107	100		
108	84.9	68.7	108.7
77	31.2	10.2	50.2
79	28.6	6.9	46.9

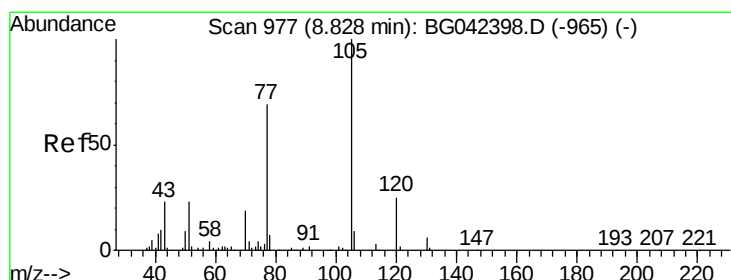
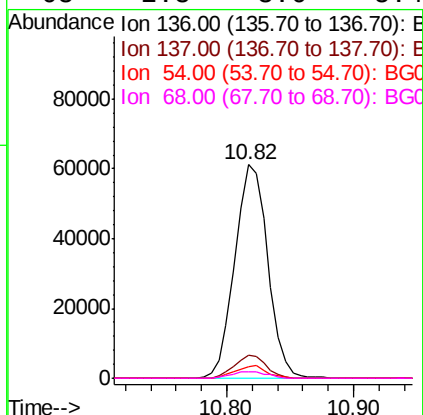
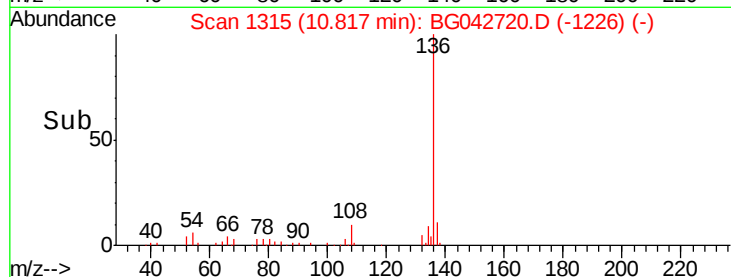
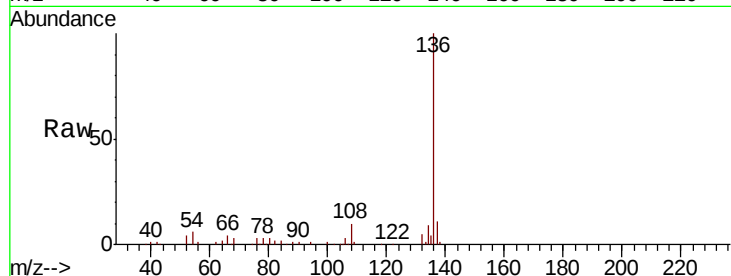




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

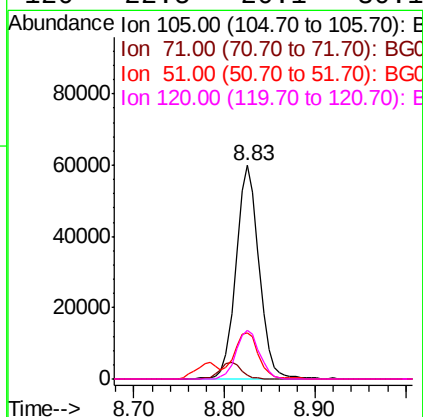
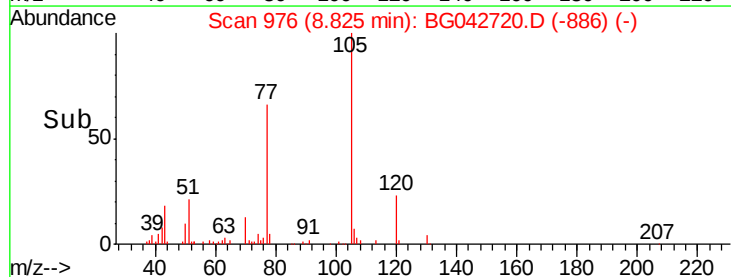
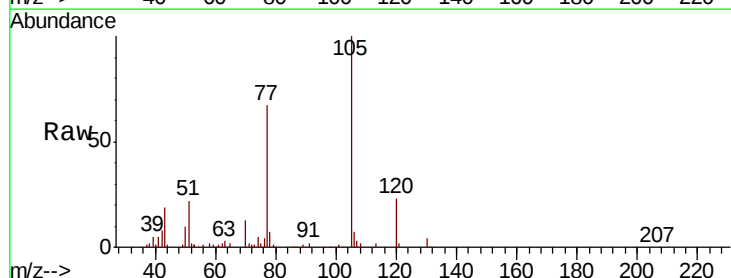
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	110376
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.7 13.1
54	5.6	4.9 7.3
68	2.8	3.6 5.4#



#22
Acetophenone
Concen: 45.139 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion:105	Resp:	106561
Ion	Ratio	Lower Upper
105	100	
71	1.7	2.8 4.2#
51	21.5	18.7 28.1
120	22.5	20.1 30.1

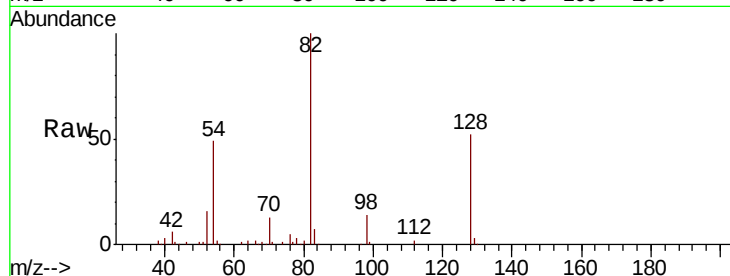




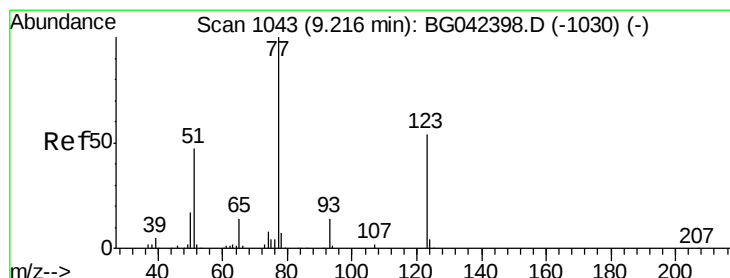
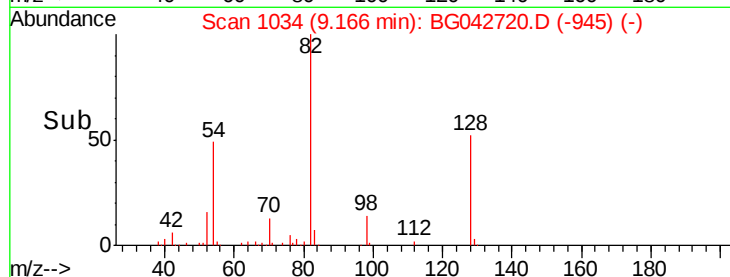
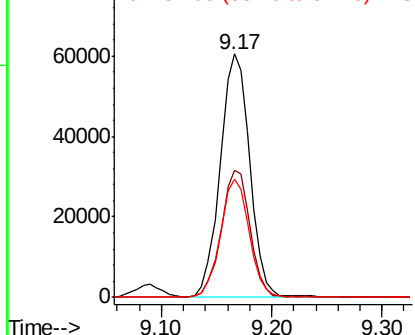
#23
Nitrobenzene-d5
Concen: 70.836 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	113143
Ion Ratio	Lower	Upper	
82	100		
128	52.0	40.7	61.1
54	48.5	36.3	54.5

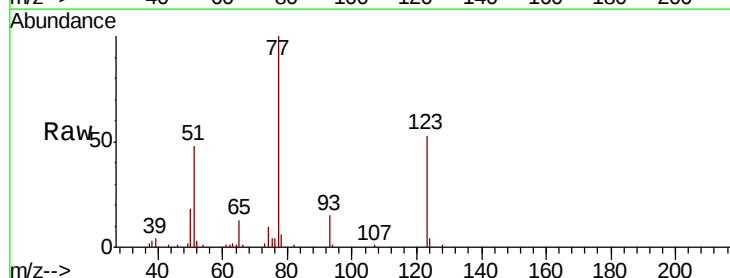


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

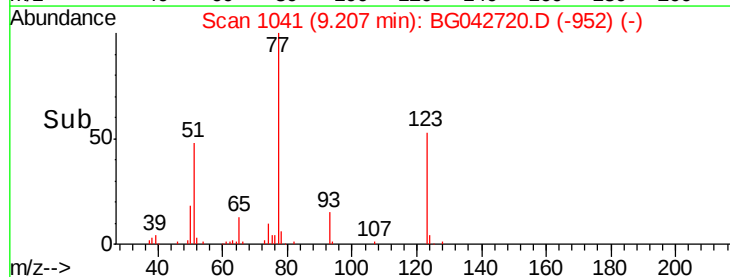
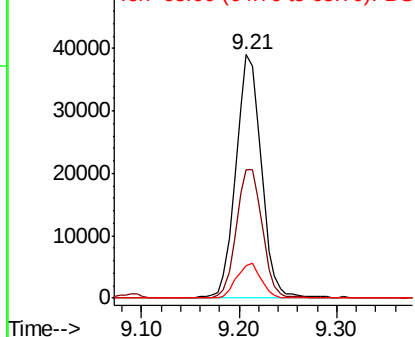


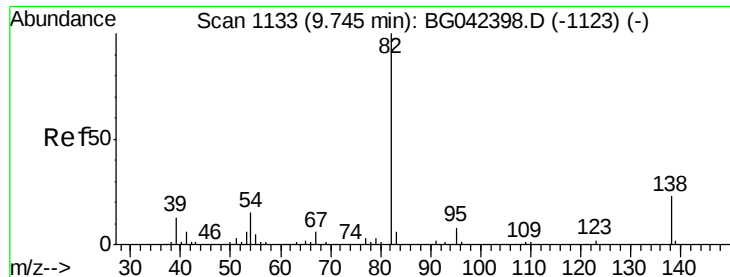
#24
Nitrobenzene
Concen: 43.869 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion	77	Resp	70956
Ion Ratio	Lower	Upper	
77	100		
123	52.6	43.4	65.0
65	13.1	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: 39.616 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Instrument :

BNA_G

ClientSampleId :

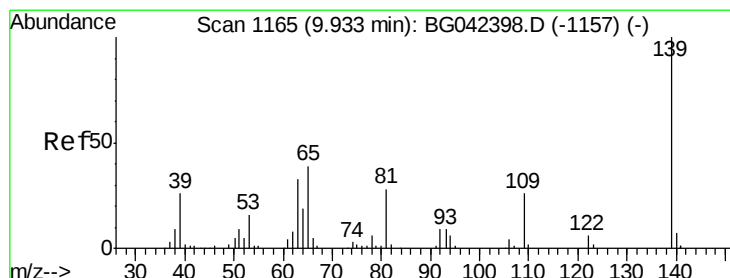
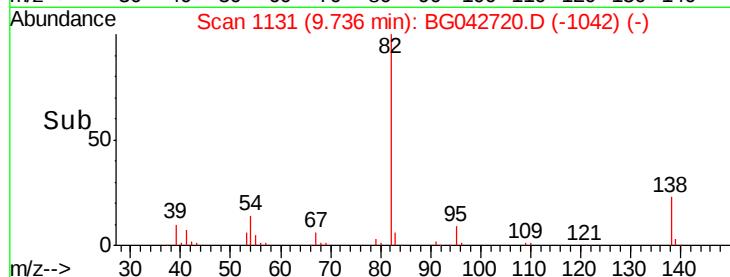
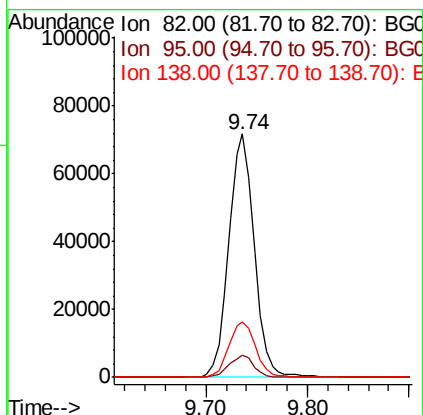
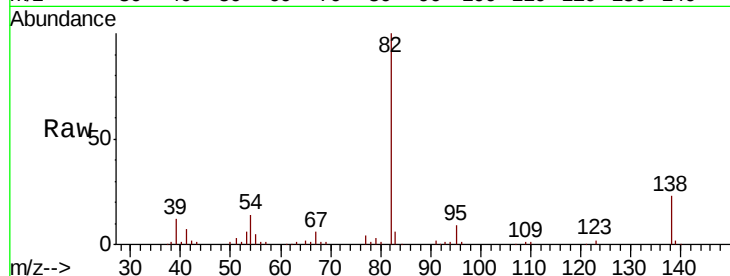
Tot Ion: 82 Resp: 124878

Ion Ratio Lower Upper

82 100

95 9.3 6.6 9.8

138 22.9 18.6 27.8



#26

2-Nitrophenol

Concen: 45.450 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

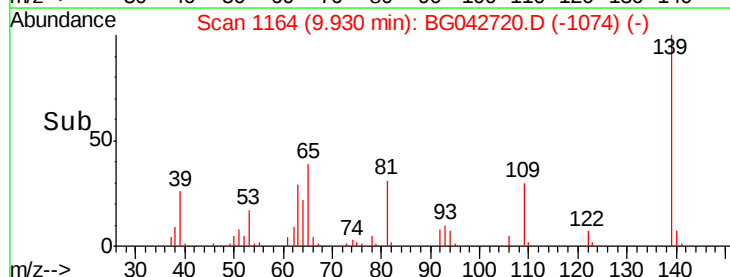
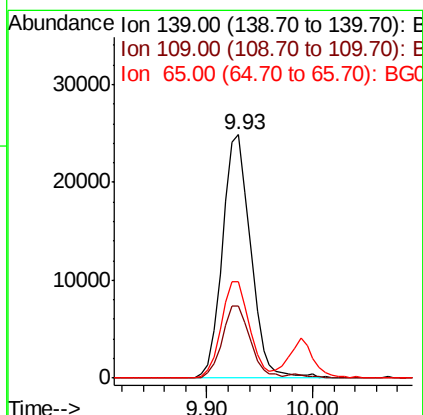
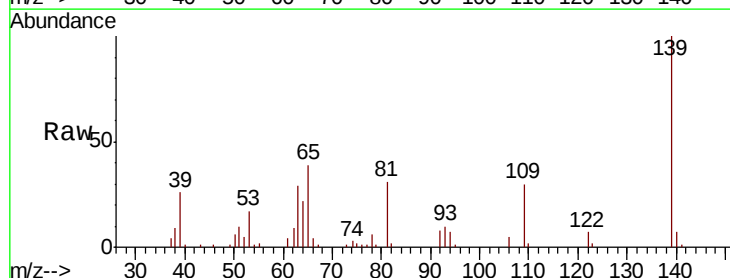
Tgt Ion: 139 Resp: 46068

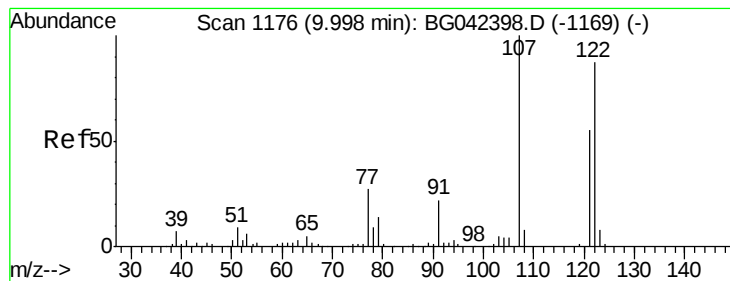
Ion Ratio Lower Upper

139 100

109 29.8 20.5 30.7

65 39.4 30.9 46.3





#27

2,4-Dimethylphenol

Concen: 49.455 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Instrument :

BNA_G

ClientSampleId :

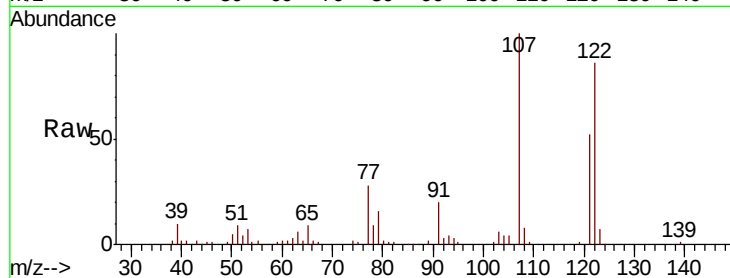
Tot Ion:122 Resp: 69051

Ion Ratio Lower Upper

122 100

107 115.6 90.8 136.2

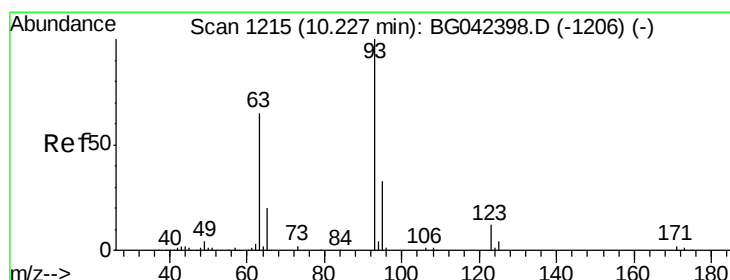
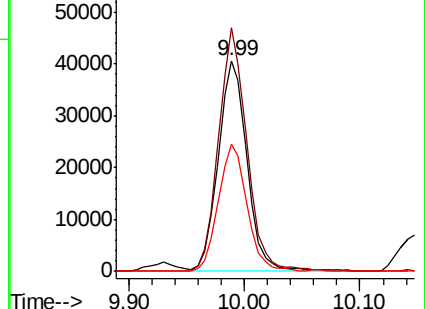
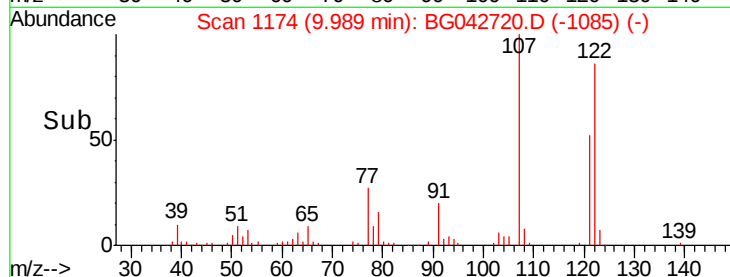
121 60.4 49.6 74.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.614 ng

RT: 10.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

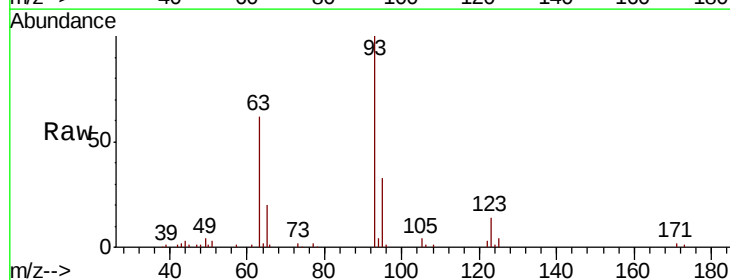
Tgt Ion: 93 Resp: 78704

Ion Ratio Lower Upper

93 100

95 33.2 26.6 40.0

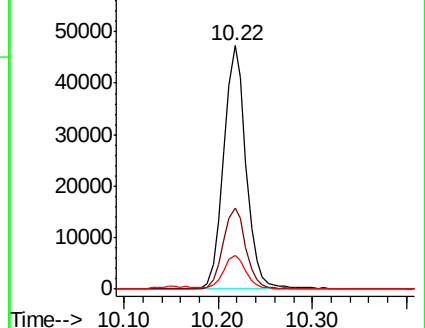
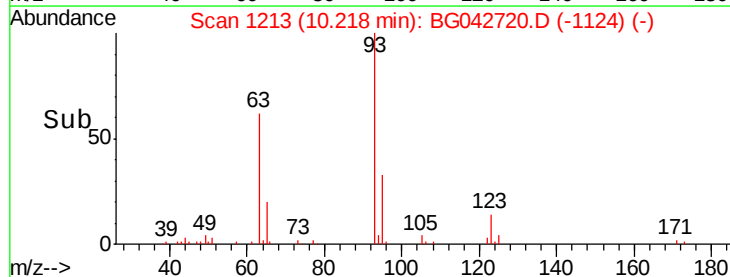
123 14.0 10.1 15.1



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

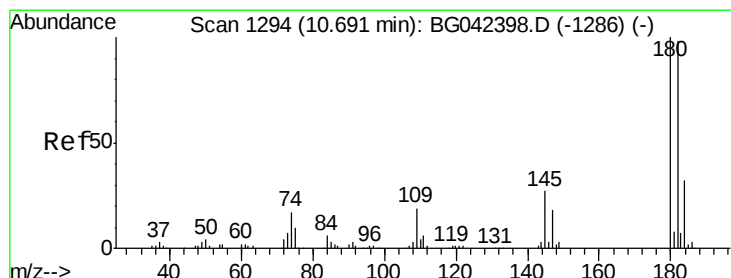
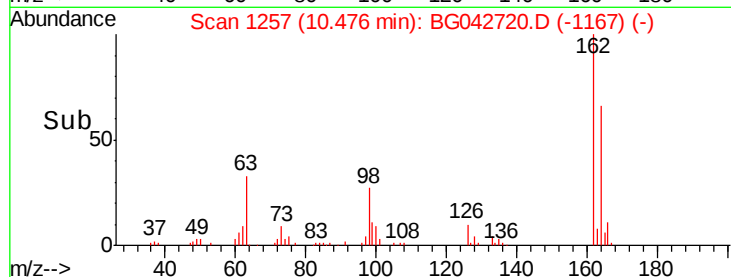
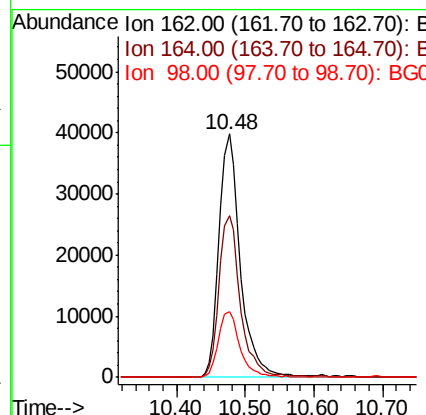
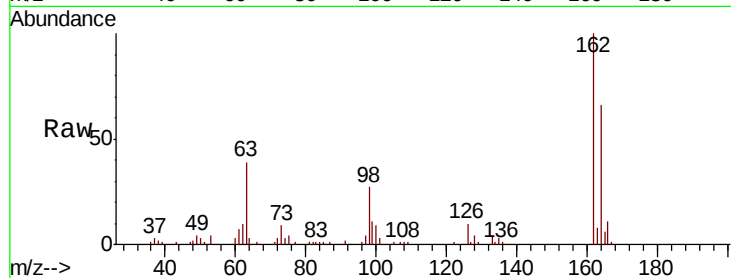




#29
2,4-Dichlorophenol
Concen: 47.128 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

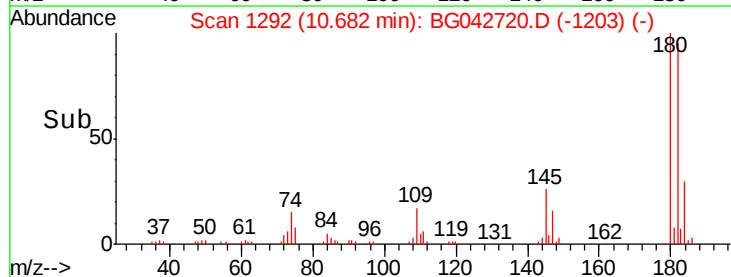
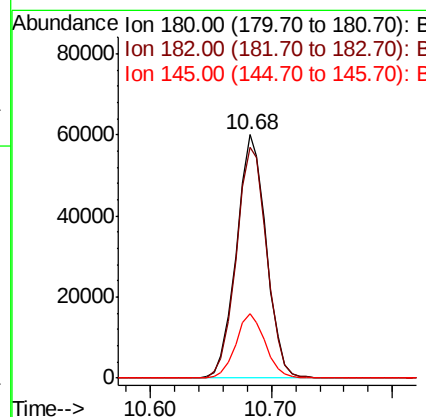
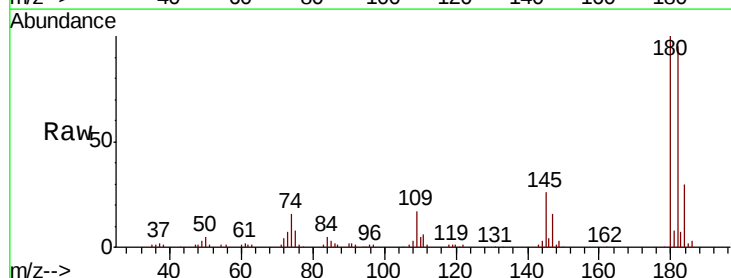
Instrument :
BNA_G
ClientSampleId :

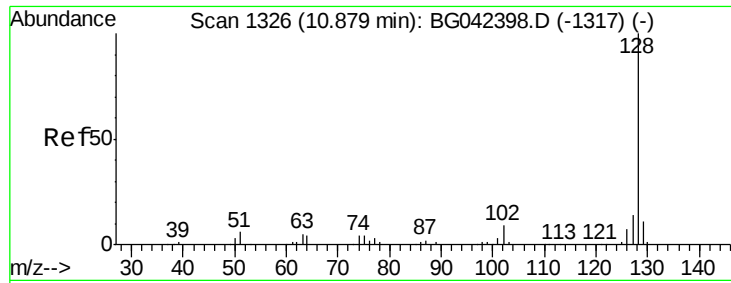
Tot Ion:162 Resp: 86091
Ion Ratio Lower Upper
162 100
164 66.2 48.1 88.1
98 27.2 7.6 47.6



#30
1,2,4-Trichlorobenzene
Concen: 45.914 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion:180 Resp: 102949
Ion Ratio Lower Upper
180 100
182 94.6 78.7 118.1
145 26.3 21.6 32.4

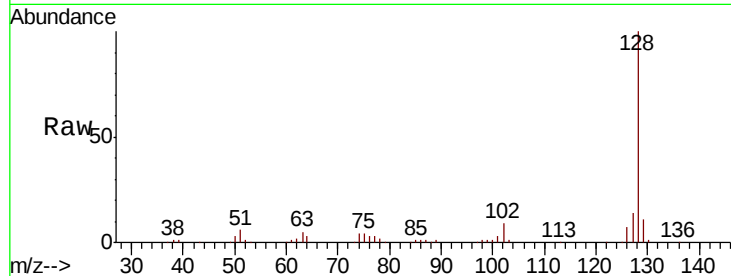




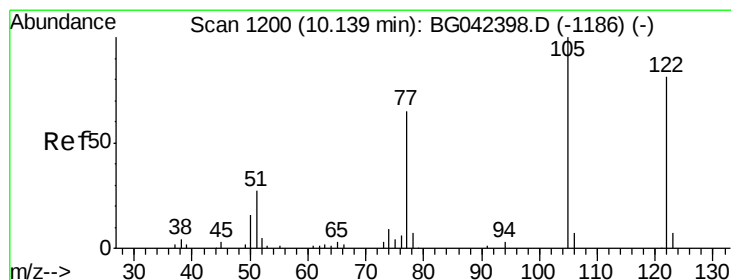
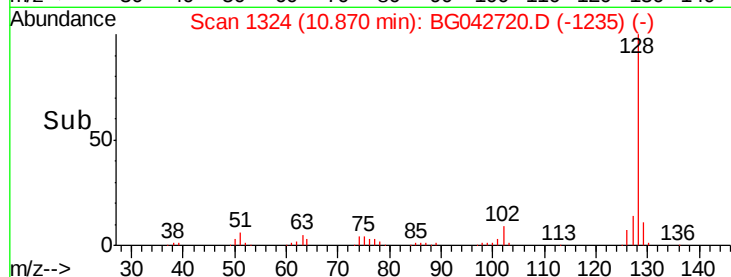
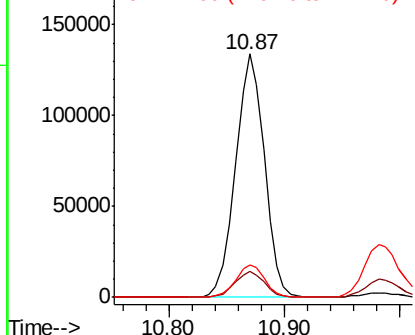
#31
Naphthalene
Concen: 45.083 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 231026
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.6 11.4 17.0

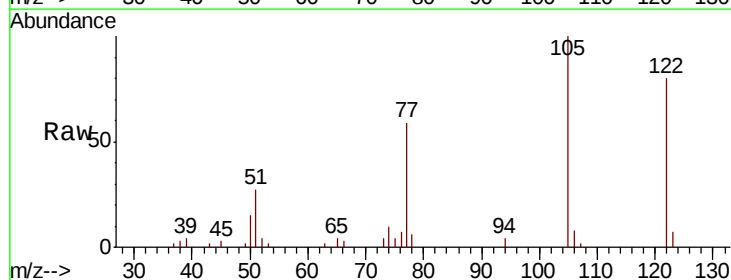


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

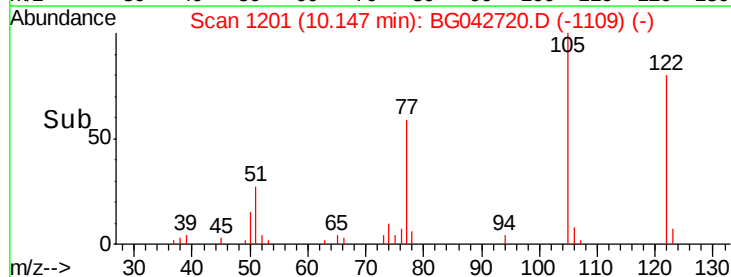
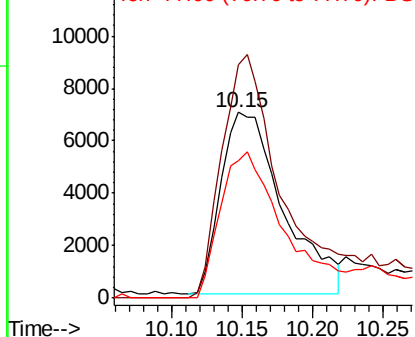


#32
Benzoic acid
Concen: 25.686 ng
RT: 10.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion:122 Resp: 21390
Ion Ratio Lower Upper
122 100
105 125.4 99.6 139.6
77 73.8 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): BG

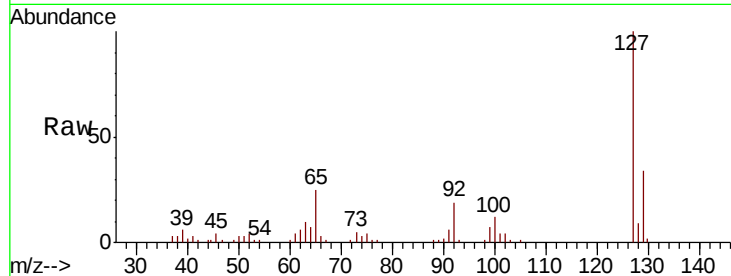




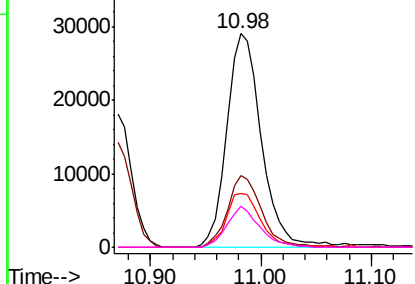
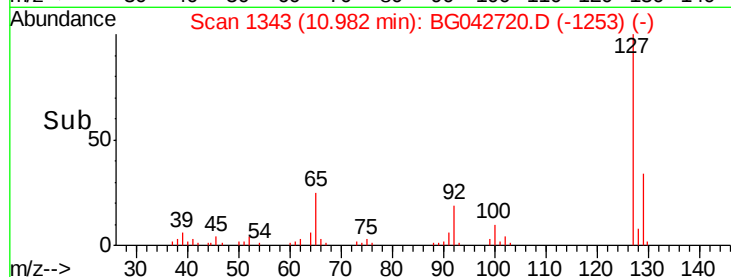
#33
4-Chloroaniline
Concen: 27.062 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	64018
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.8	40.2
65	25.4	20.7	31.1
92	19.1	13.6	20.4

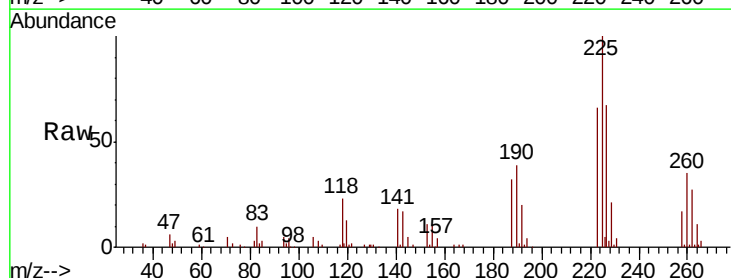


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

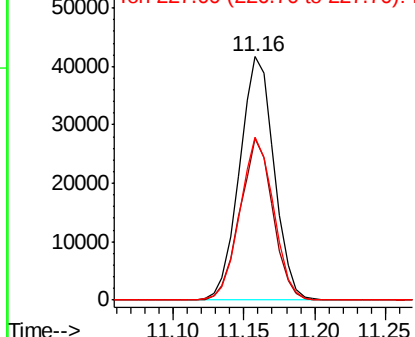
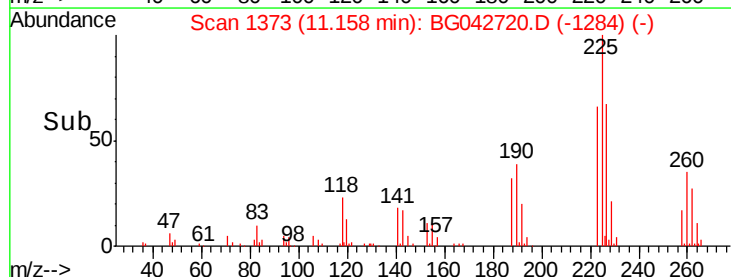


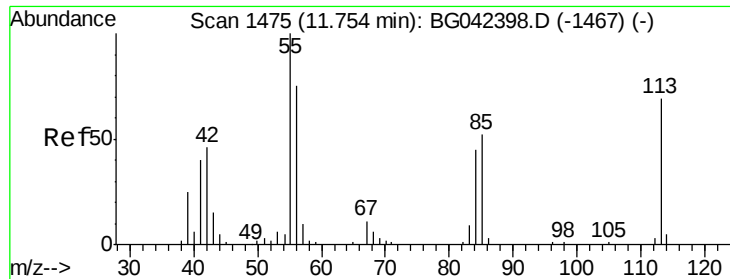
#34
Hexachlorobutadiene
Concen: 47.257 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion:	225	Resp:	71212
Ion	Ratio	Lower	Upper
225	100		
223	66.4	49.8	74.6
227	66.7	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

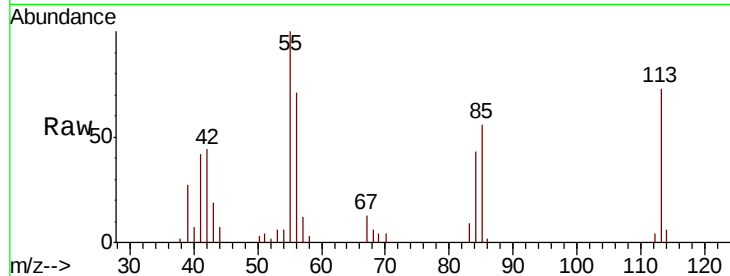




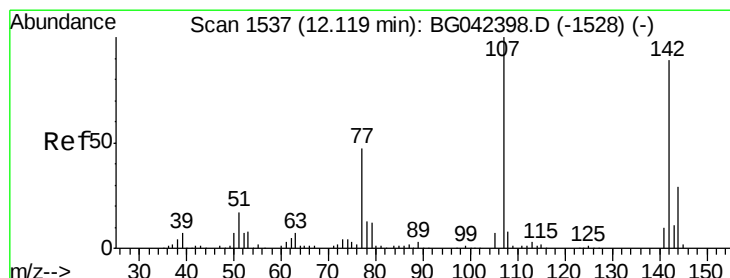
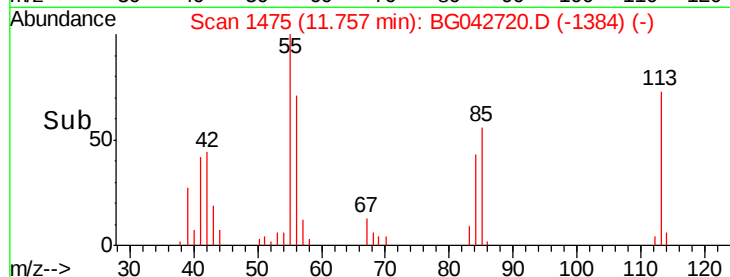
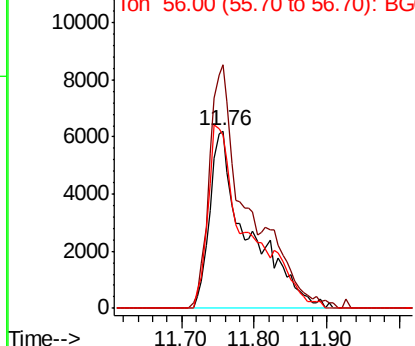
#35
Caprolactam
Concen: 37.659 ng
RT: 11.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:113 Resp: 22955
Ion Ratio Lower Upper
113 100
55 137.5 124.6 164.6
56 97.8 88.3 128.3

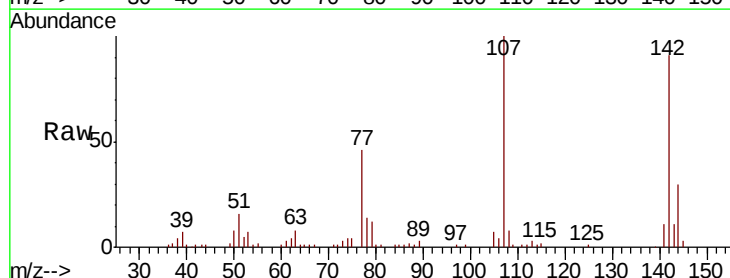


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

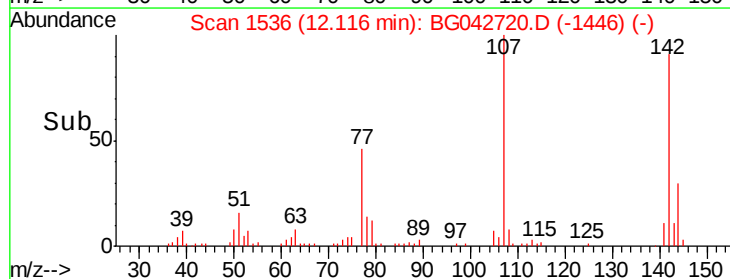
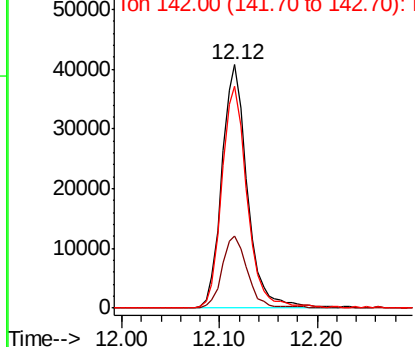


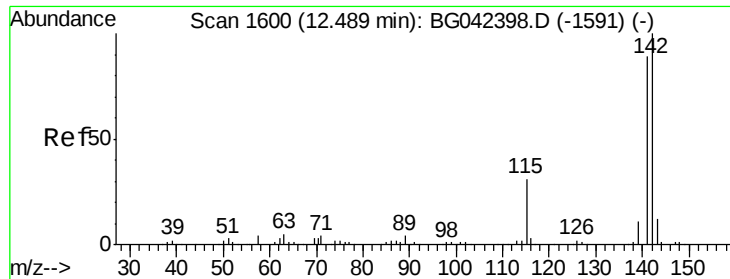
#36
4-Chloro-3-methylphenol
Concen: 42.536 ng
RT: 12.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion:107 Resp: 73763
Ion Ratio Lower Upper
107 100
144 29.5 23.6 35.4
142 91.0 71.0 106.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

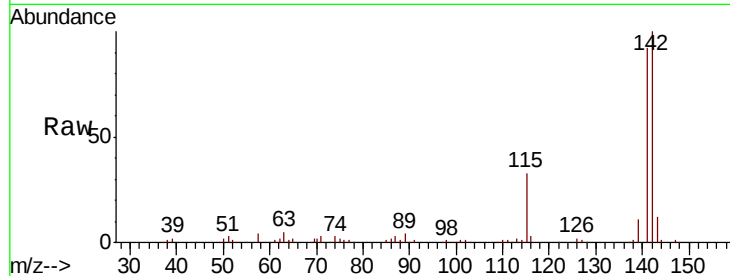




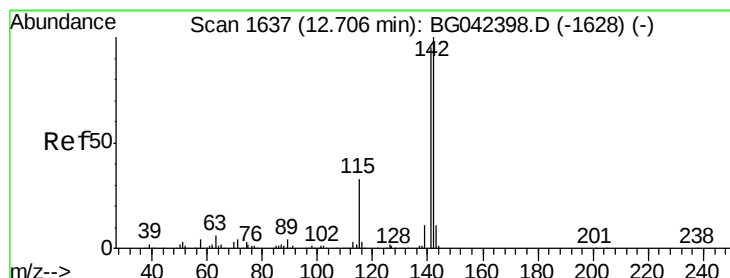
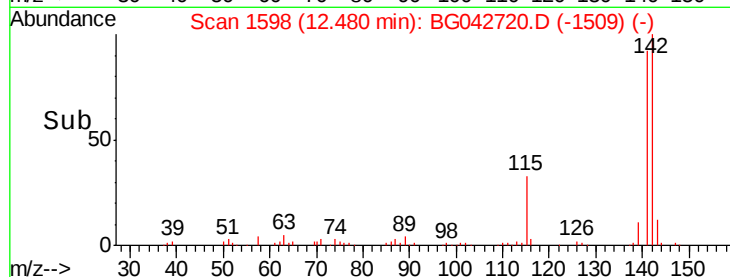
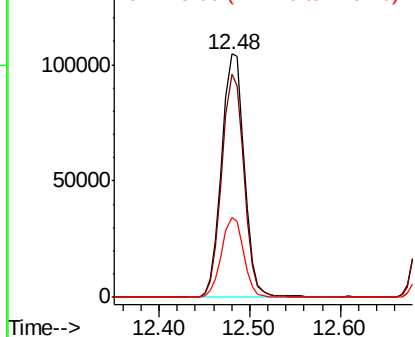
#37
 2-Methylnaphthalene
 Concen: 44.278 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.4	107.2
115	32.8	25.2	37.8

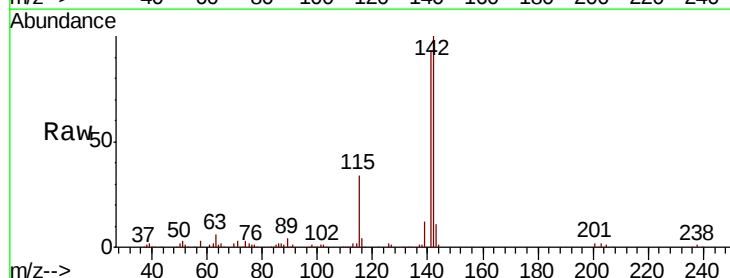


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

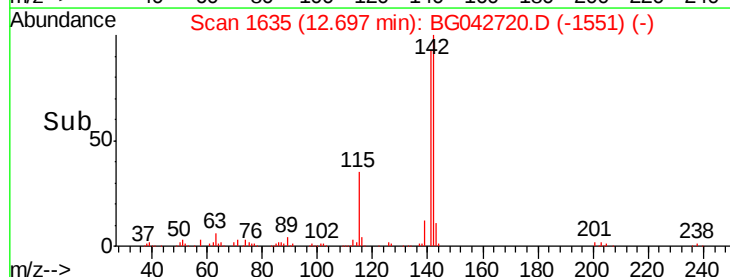
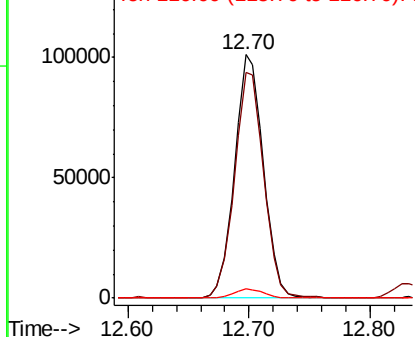


#38
 1-Methylnaphthalene
 Concen: 43.049 ng
 RT: 12.70 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	76.2	114.2
116	3.7	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# 1969

Delta R.T. -0.00 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Instrument :

BNA_G

ClientSampleId :

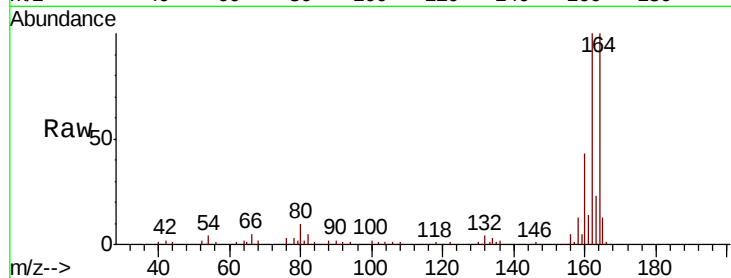
Tot Ion:164 Resp: 78976

Ion Ratio Lower Upper

164 100

162 99.7 79.9 119.9

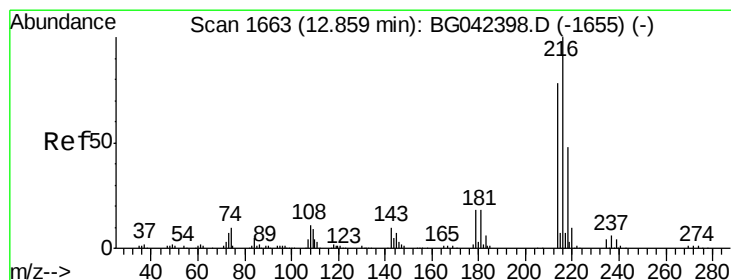
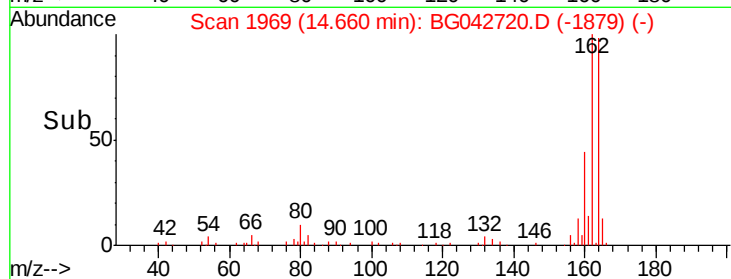
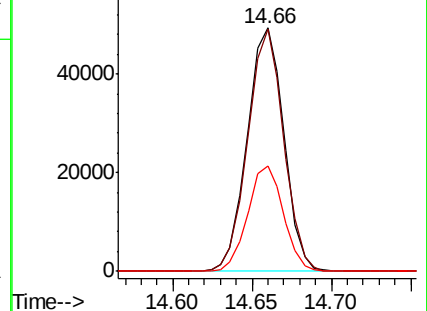
160 43.4 34.3 51.5



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: 49.937 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Tgt Ion:216 Resp: 126650

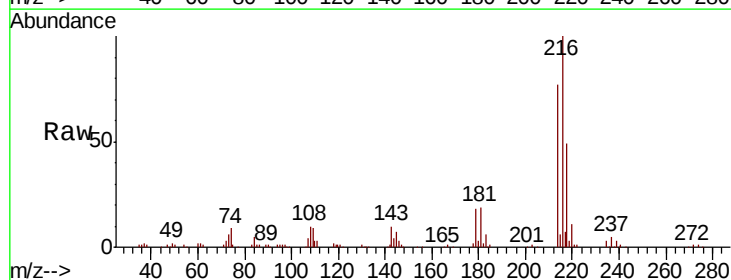
Ion Ratio Lower Upper

216 100

214 76.6 61.4 92.2

179 18.2 15.1 22.7

108 11.9 9.4 14.0

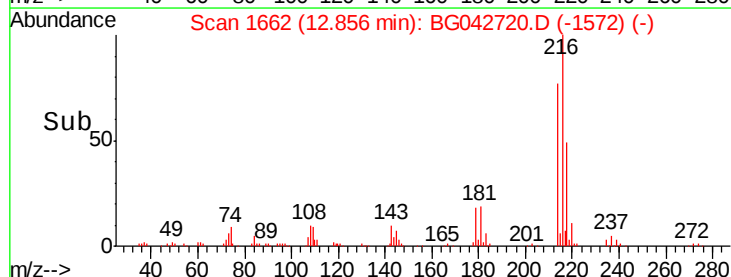
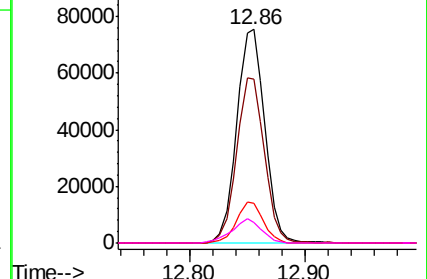


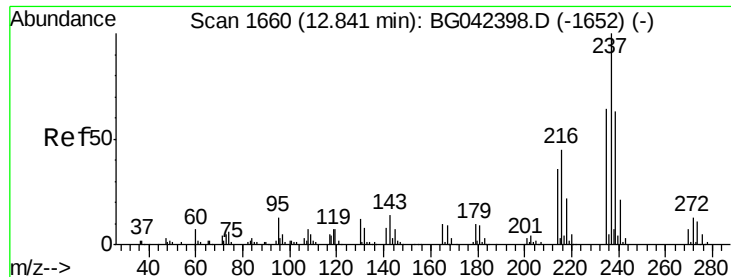
Abundance Ion 216.00 (215.70 to 216.70): E

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

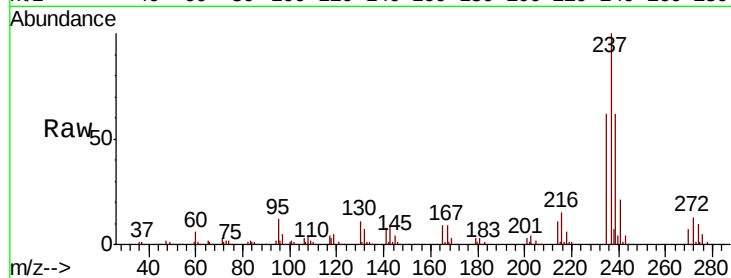




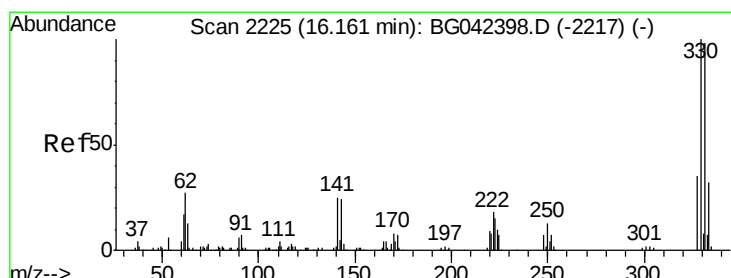
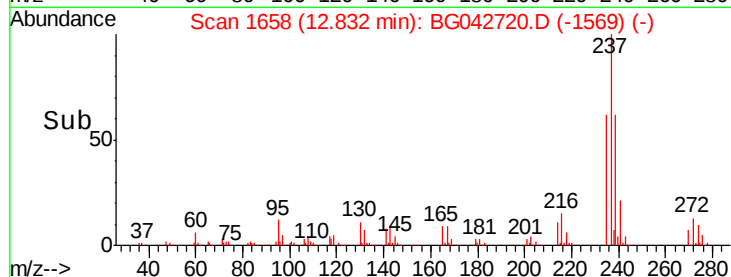
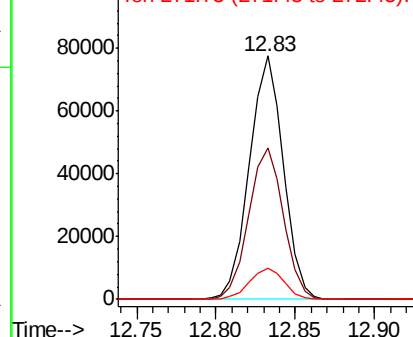
#41
Hexachlorocyclopentadiene
Concen: 86.587 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:237 Resp: 115354
Ion Ratio Lower Upper
237 100
235 62.1 43.7 83.7
272 12.6 0.0 33.3

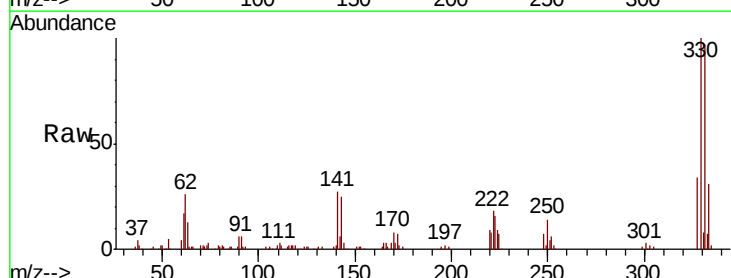


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

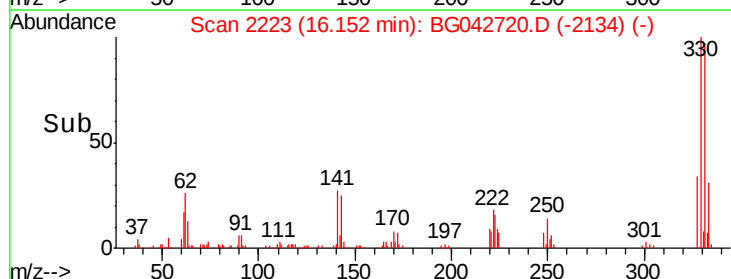
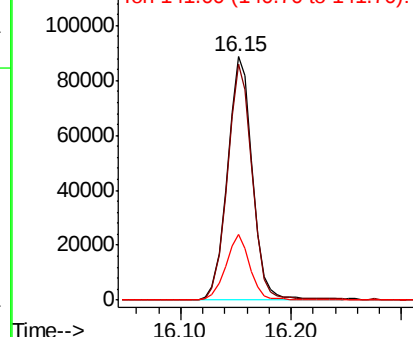


#42
2,4,6-Tribromophenol
Concen: 124.512 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion:330 Resp: 139767
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 25.9 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

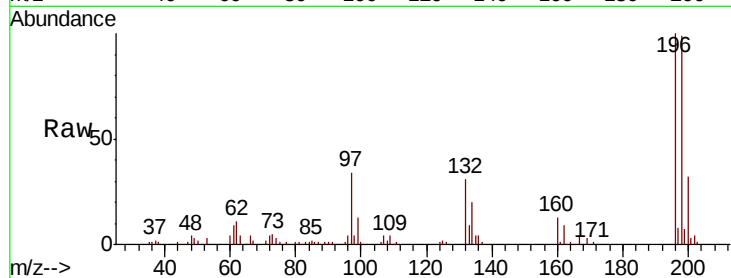




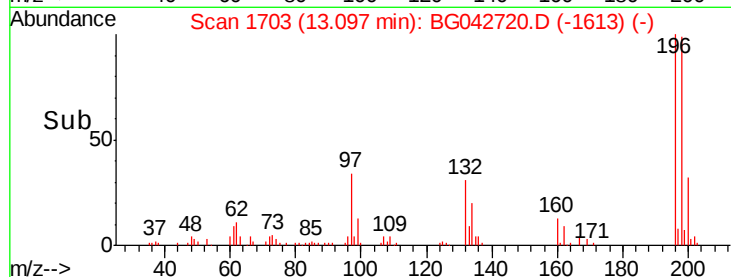
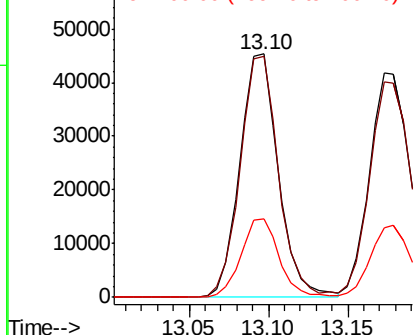
#43
 2,4,6-Trichlorophenol
 Concen: 44.586 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 76434
 Ion Ratio Lower Upper
 196 100
 198 99.2 80.7 121.1
 200 32.2 25.7 38.5



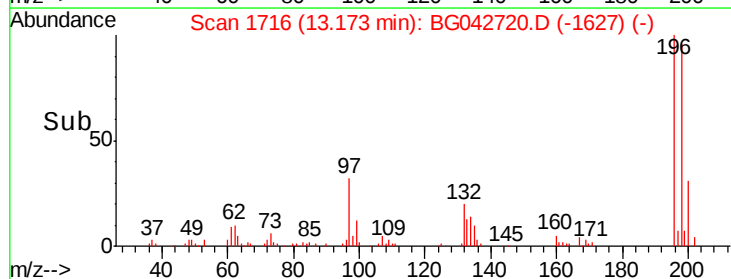
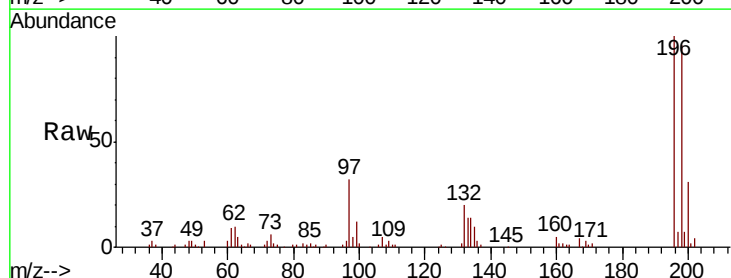
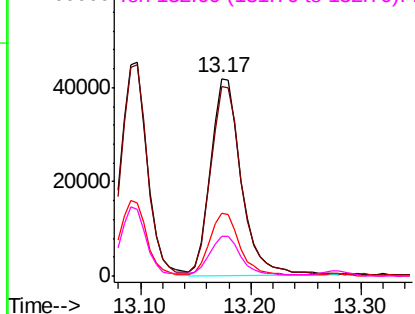
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

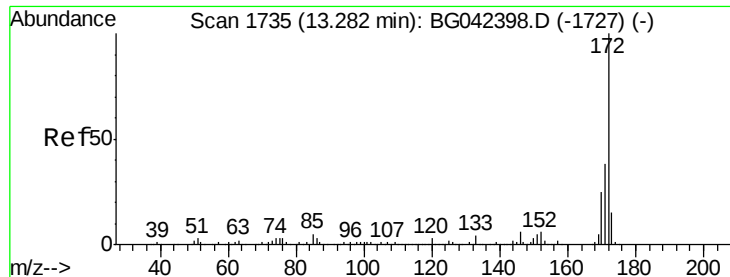


#44
 2,4,5-Trichlorophenol
 Concen: 44.978 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Tgt Ion:196 Resp: 79904
 Ion Ratio Lower Upper
 196 100
 198 95.7 80.2 120.4
 97 32.0 26.3 39.5
 132 19.9 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

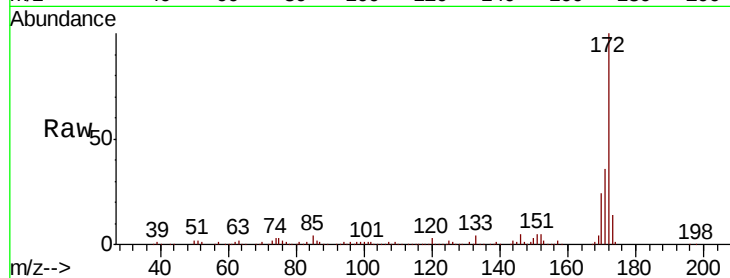




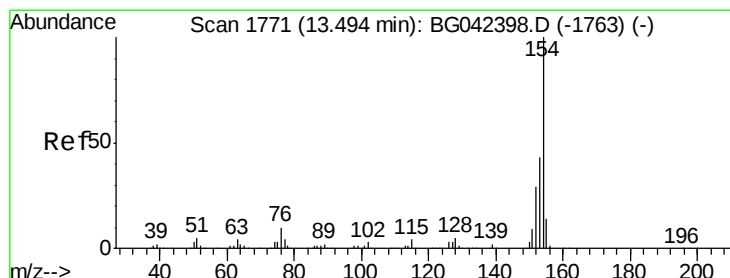
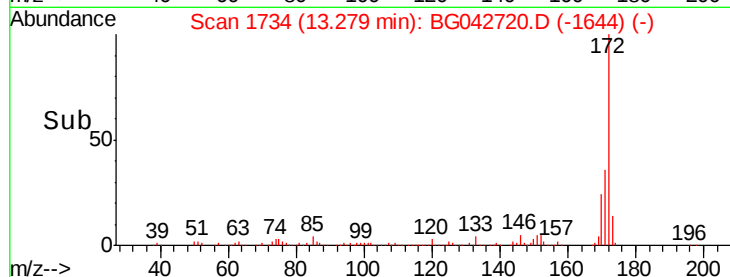
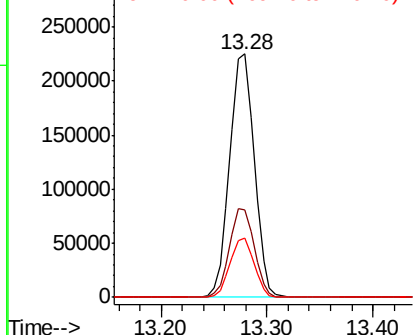
#45
 2-Fluorobiphenyl
 Concen: 77.642 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	24.3	20.2	30.2

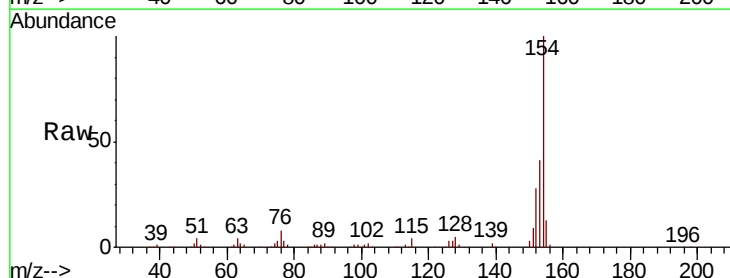


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

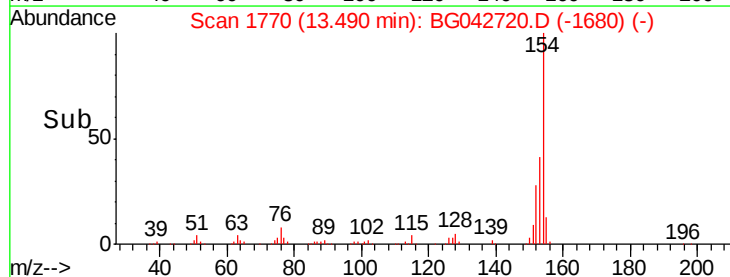
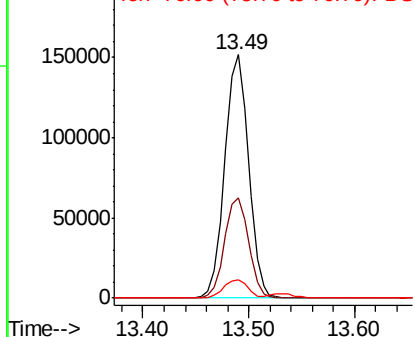


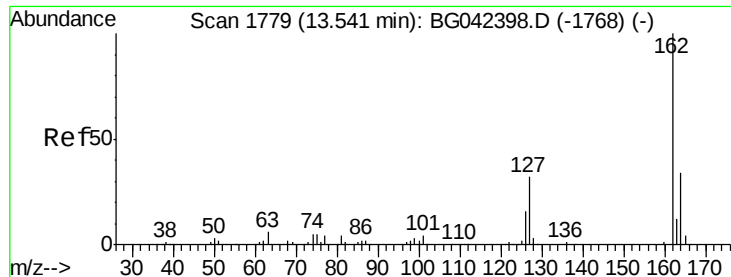
#46
 1,1'-Biphenyl
 Concen: 46.448 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	23.0	63.0
76	7.5	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

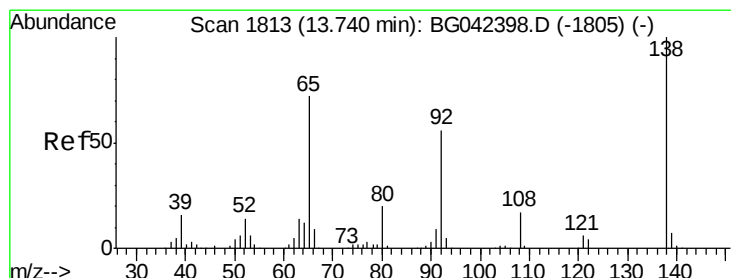
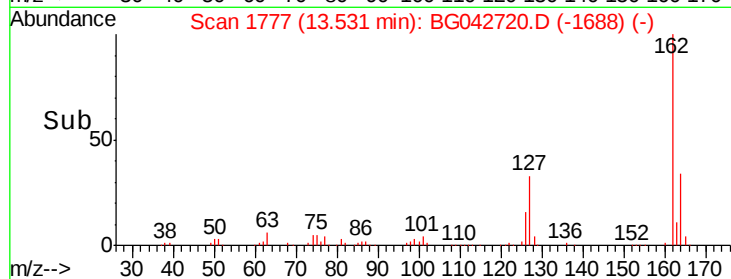
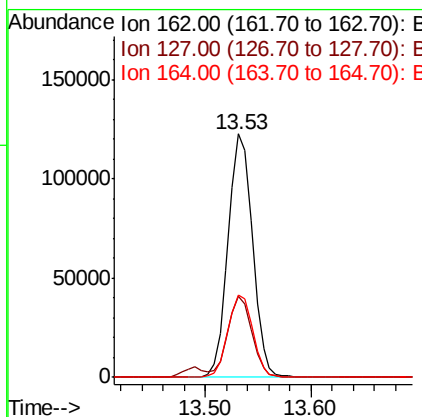
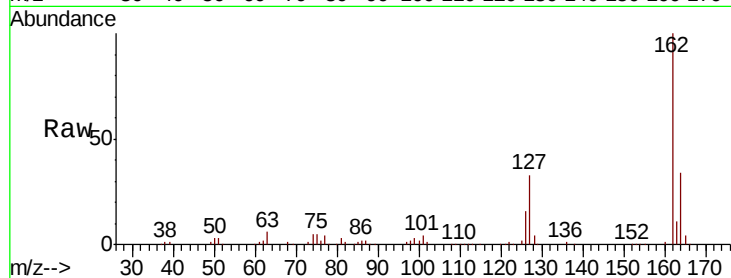




#47
 2-Chloronaphthalene
 Concen: 44.504 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

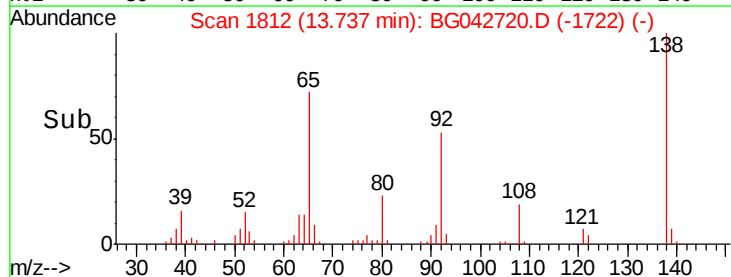
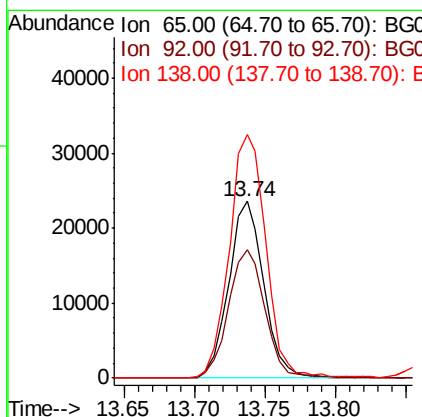
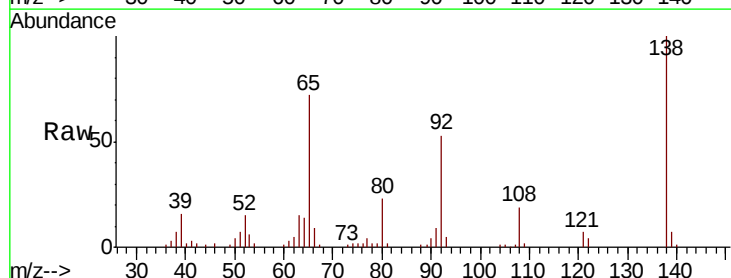
Instrument :
 BNA_G
 ClientSampleId :

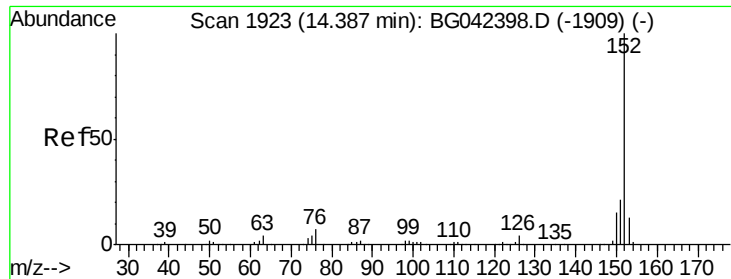
Tot Ion	Ratio	Lower	Upper
162	100		
127	33.2	26.0	39.0
164	33.9	27.4	41.0



#48
 2-Nitroaniline
 Concen: 38.303 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.9	61.8	92.6
138	138.0	111.0	166.6





#49

Acenaphthylene

Concen: 45.119 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Instrument :

BNA_G

ClientSampleId :

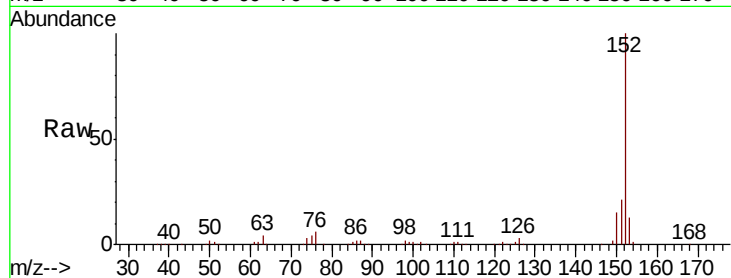
Tot Ion:152 Resp: 298799

Ion Ratio Lower Upper

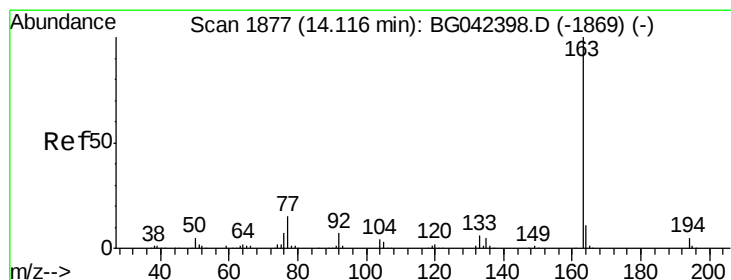
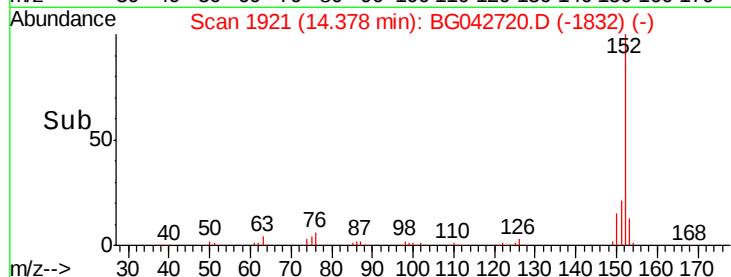
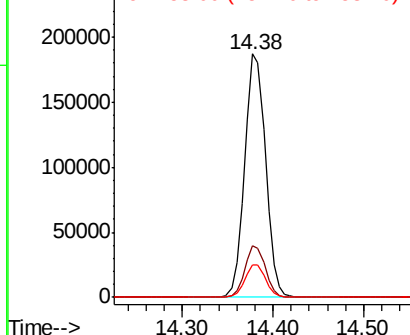
152 100

151 21.2 17.0 25.4

153 13.3 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.838 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

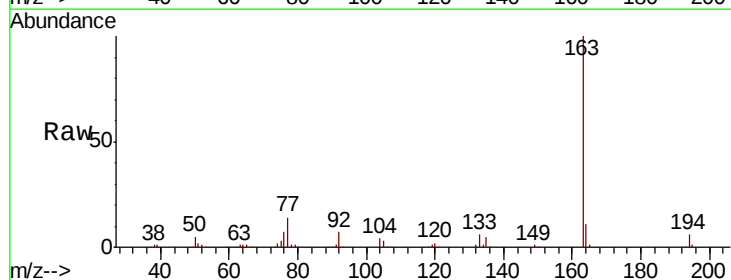
Tgt Ion:163 Resp: 244108

Ion Ratio Lower Upper

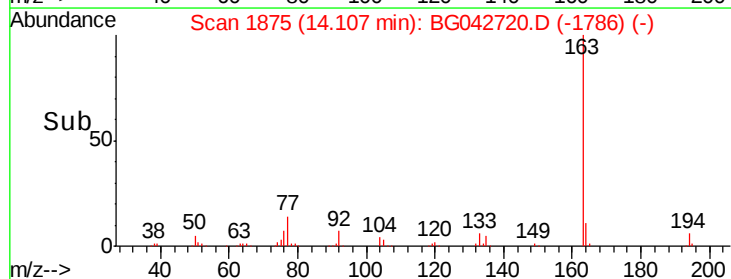
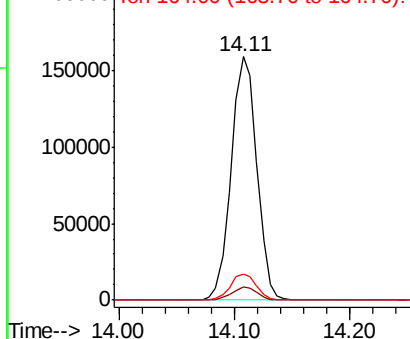
163 100

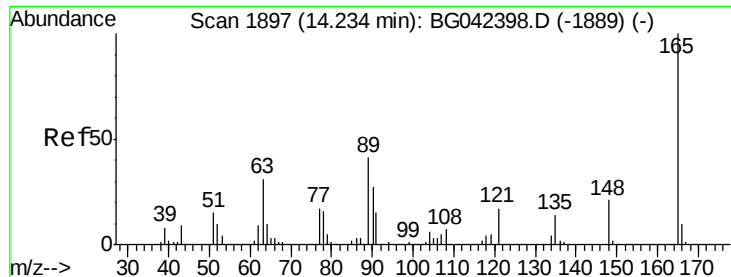
194 5.6 4.2 6.2

164 10.8 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

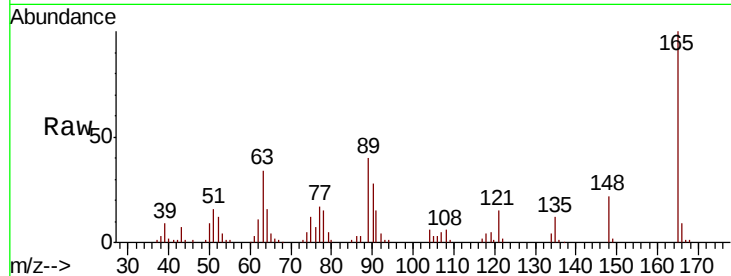




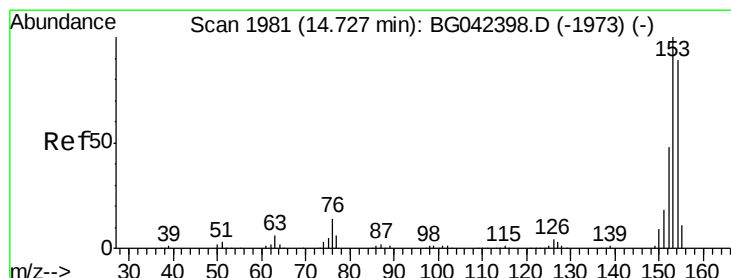
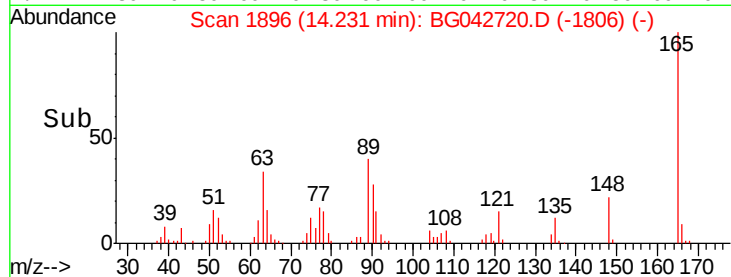
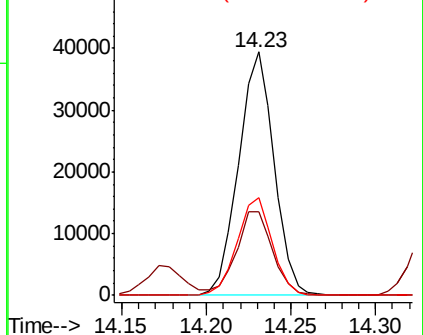
#51
 2,6-Dinitrotoluene
 Concen: 43.670 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 57681
 Ion Ratio Lower Upper
 165 100
 63 34.4 30.6 45.8
 89 40.3 32.6 49.0

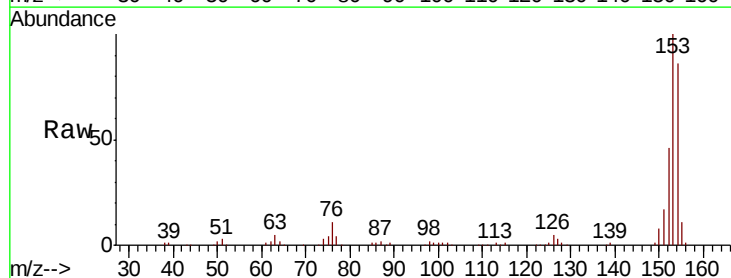


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

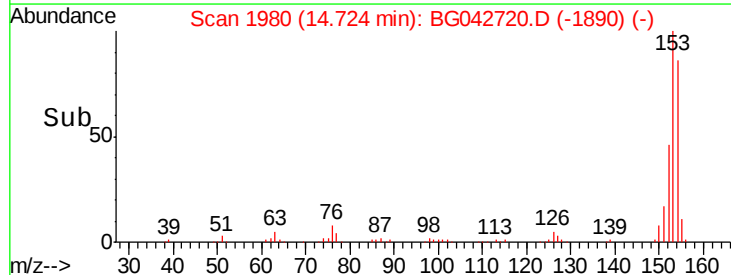
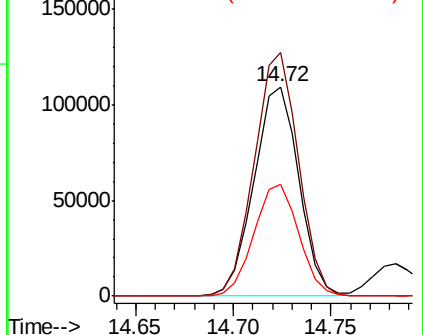


#52
 Acenaphthene
 Concen: 43.367 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Tgt Ion:154 Resp: 174394
 Ion Ratio Lower Upper
 154 100
 153 116.1 90.2 135.4
 152 53.4 43.2 64.8



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

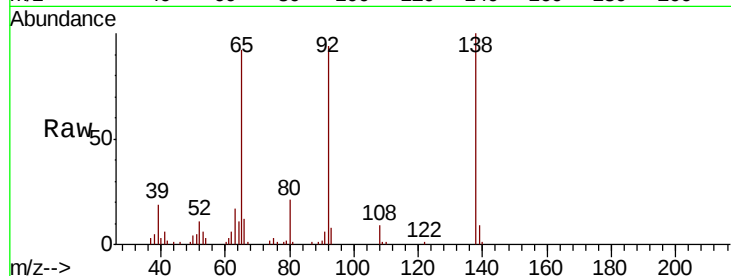




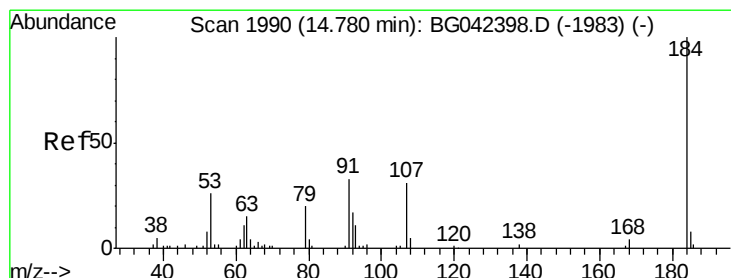
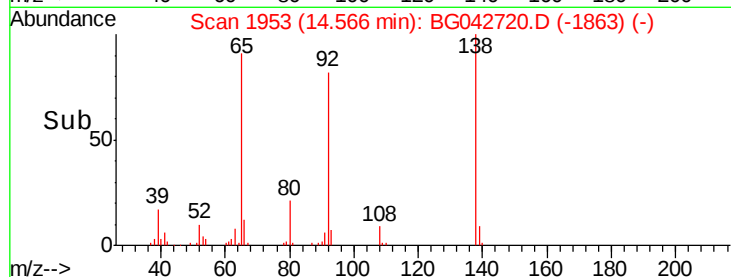
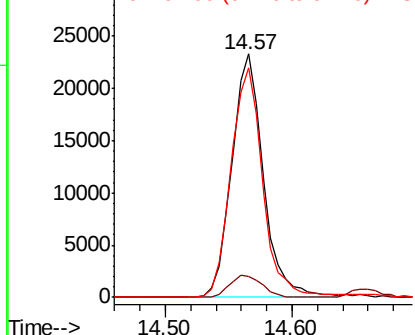
#53
3-Nitroaniline
Concen: 30.249 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 39958
Ion Ratio Lower Upper
138 100
108 8.7 8.3 12.5
92 94.2 78.2 117.4

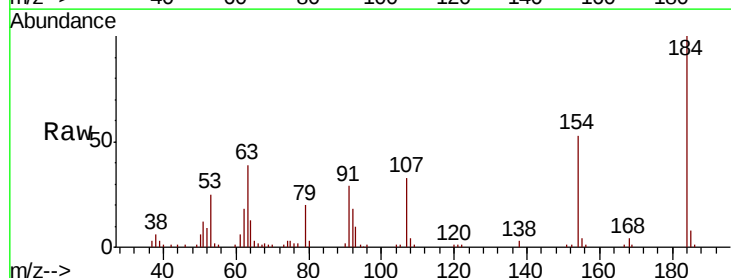


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

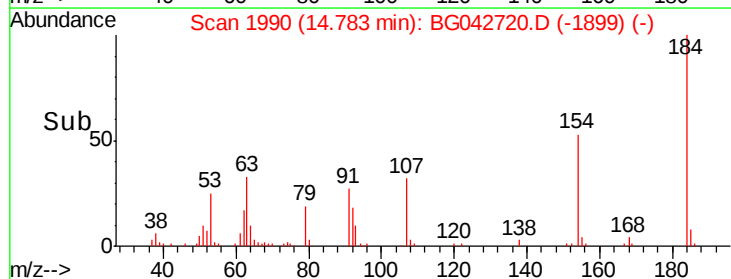
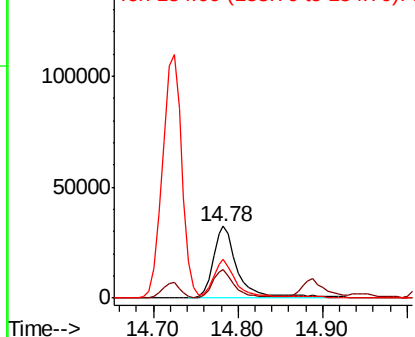


#54
2,4-Dinitrophenol
Concen: 74.764 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion:184 Resp: 66172
Ion Ratio Lower Upper
184 100
63 39.1 31.7 47.5
154 53.3 42.0 63.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

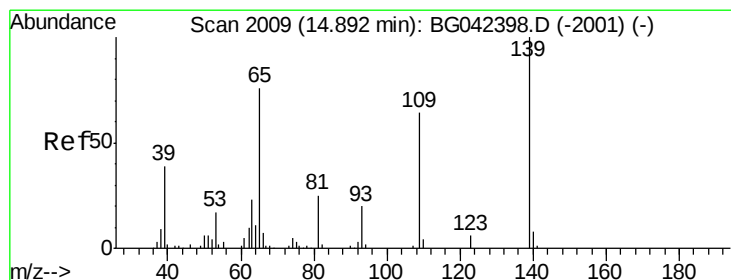
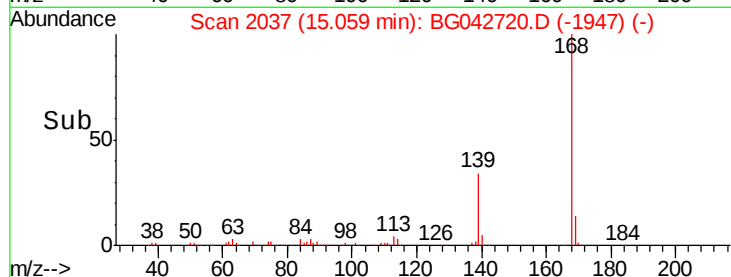
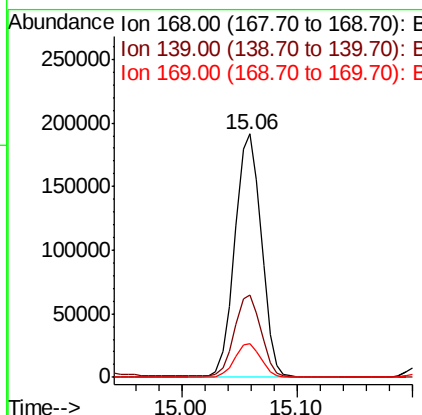
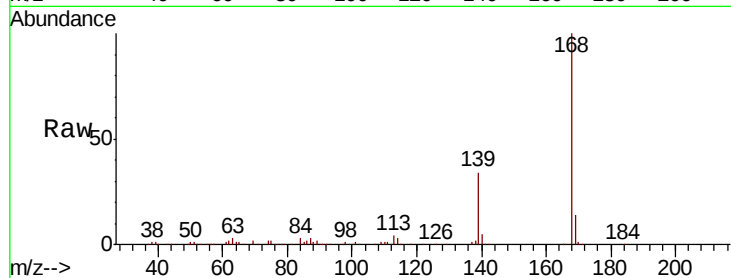




#55
Dibenzenofuran
Concen: 45.739 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

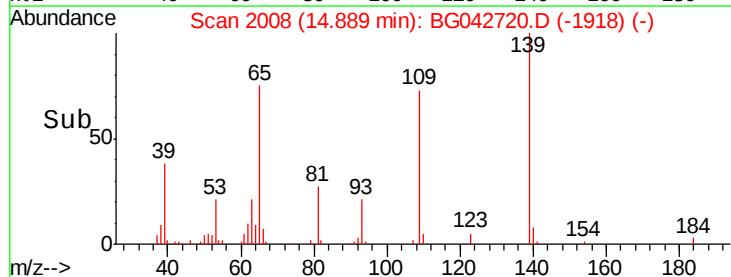
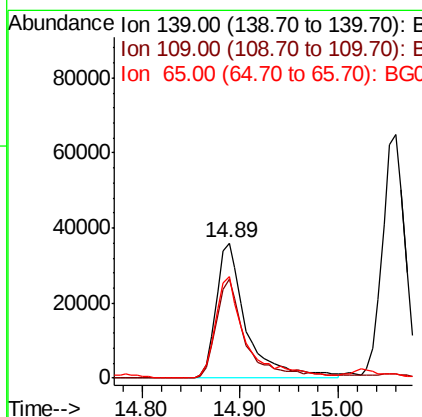
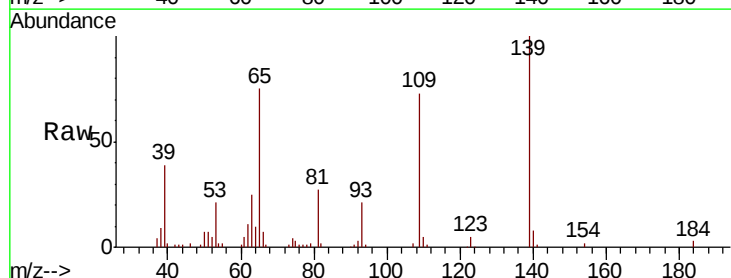
Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 304459
Ion Ratio Lower Upper
168 100
139 33.9 27.2 40.8
169 14.1 11.5 17.3



#56
4-Nitrophenol
Concen: 82.416 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion:139 Resp: 77360
Ion Ratio Lower Upper
139 100
109 73.4 43.9 83.9
65 74.9 56.3 96.3

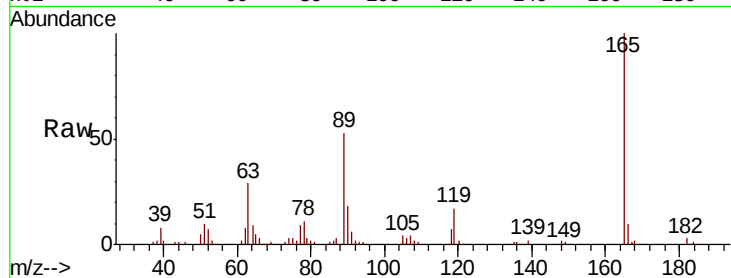




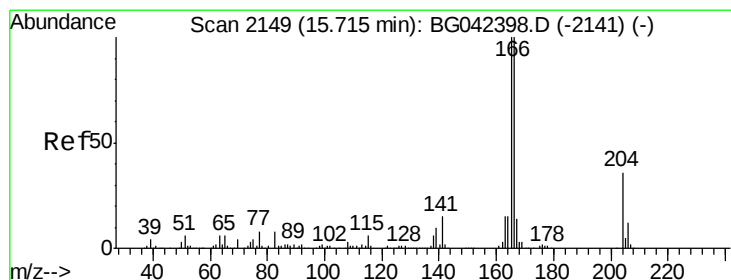
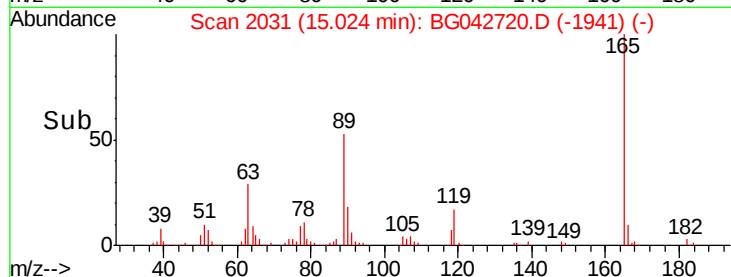
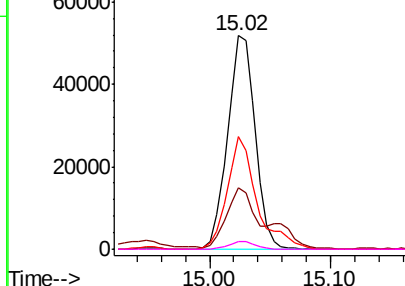
#57
 2,4-Dinitrotoluene
 Concen: 43.388 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	82065
Ion Ratio	Lower	Upper
165	100	
63	28.7	22.5 33.7
89	52.9	37.8 56.6
182	3.3	3.0 4.4

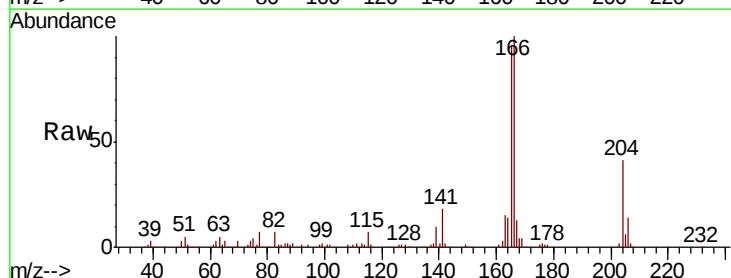


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

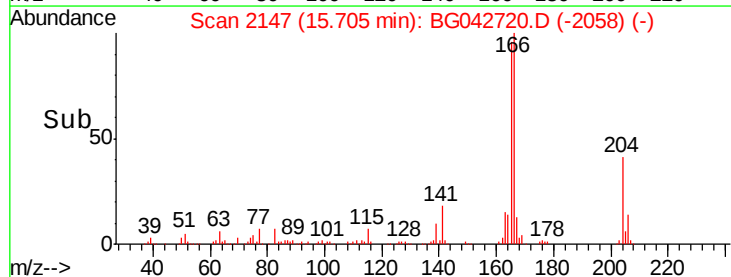
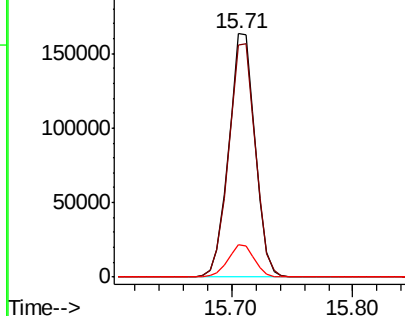


#58
 Fluorene
 Concen: 45.405 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Tgt Ion:166	Resp:	247059
Ion Ratio	Lower	Upper
166	100	
165	95.6	79.7 119.5
167	13.3	10.9 16.3



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

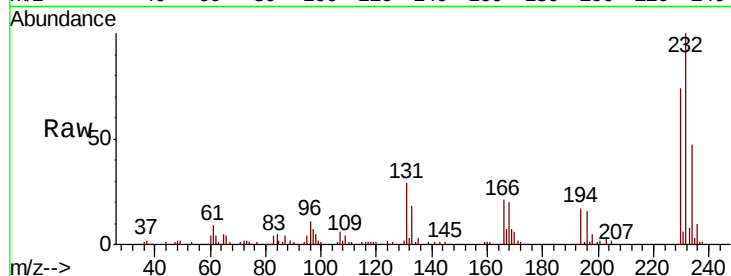




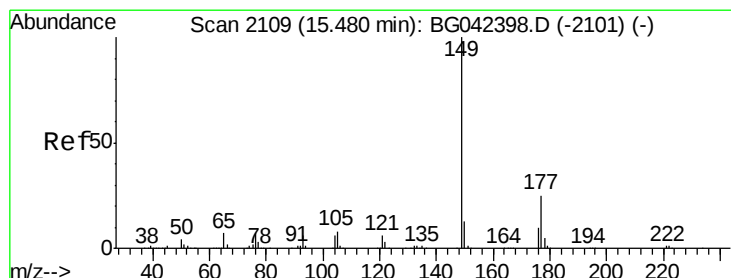
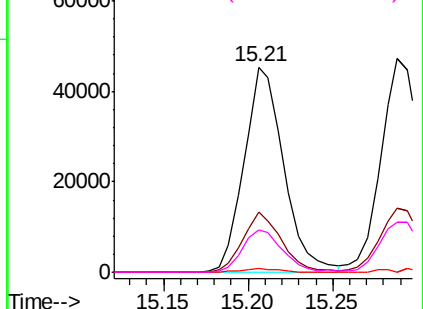
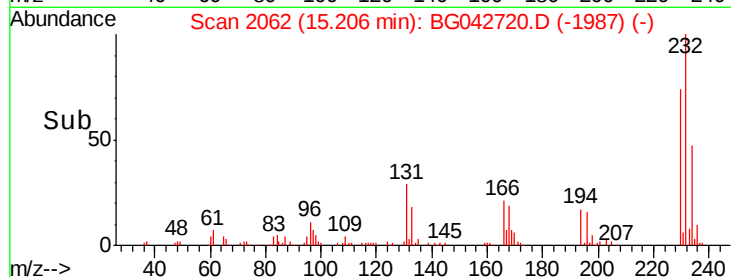
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.255 ng
 RT: 15.21 min Scan# 2062
 Delta R.T. -0.09 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp: 74235
Ion Ratio	Lower Upper
232 100	
131 28.3	22.9 34.3
130 1.5	1.4 2.0
166 21.3	17.0 25.4

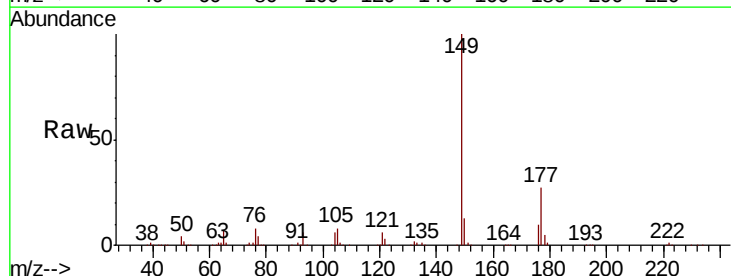


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

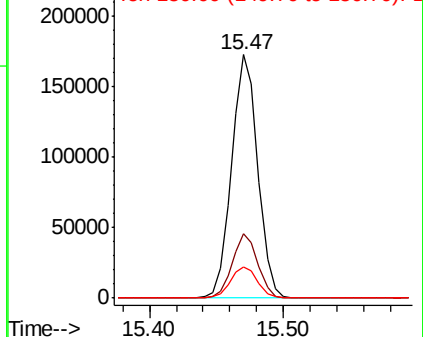
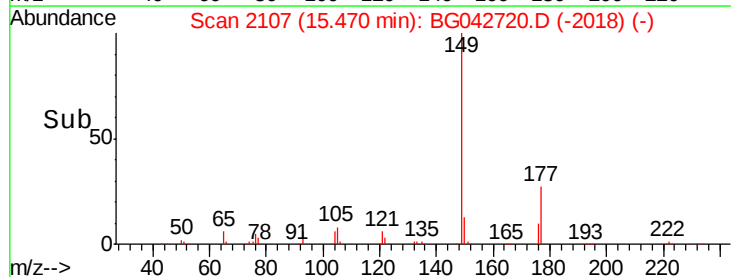


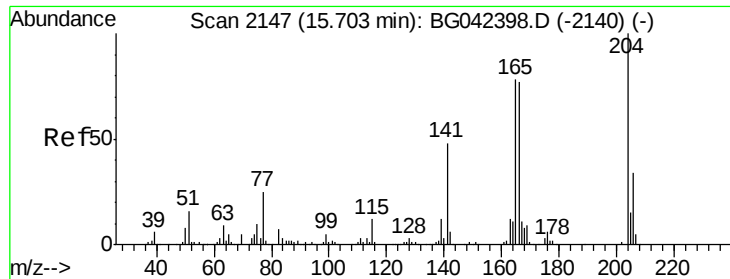
#60
 Diethylphthalate
 Concen: 42.153 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Tgt Ion	Ion:149	Resp: Lower	234814 Upper
	Ratio		
149	100		
177	26.7	20.4	30.6
150	12.9	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

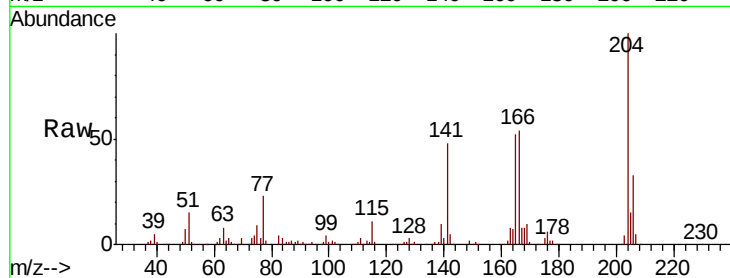




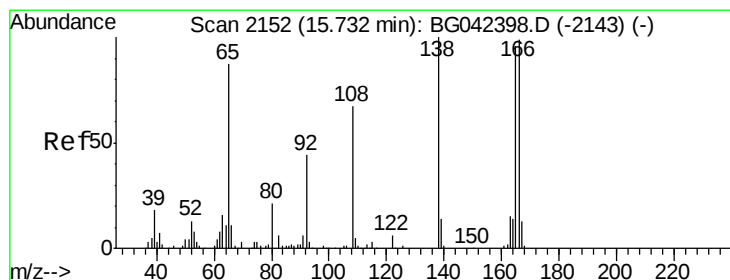
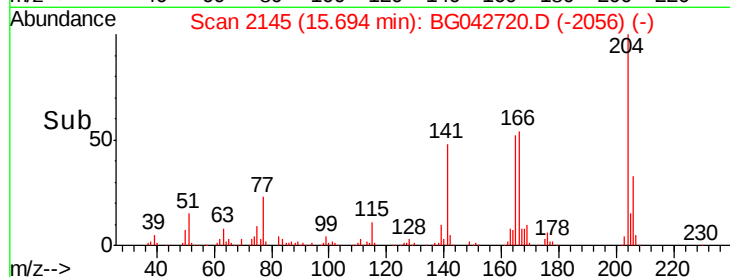
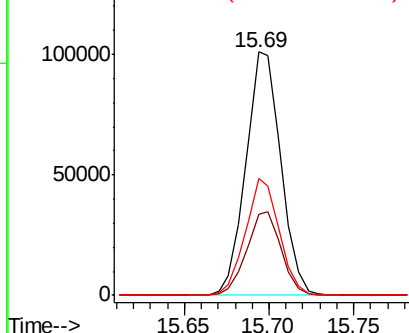
#61
 4-Chlorophenyl-phenylether
 Concen: 44.203 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.2	40.8
141	48.3	38.7	58.1

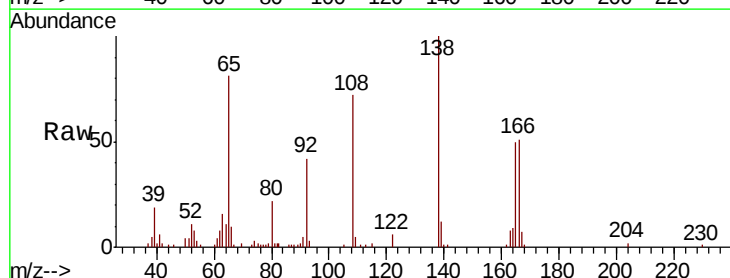


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

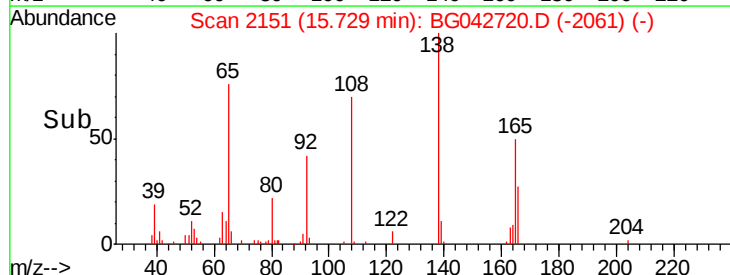
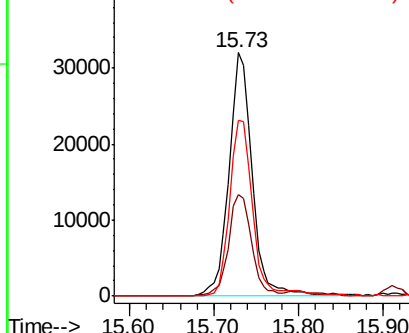


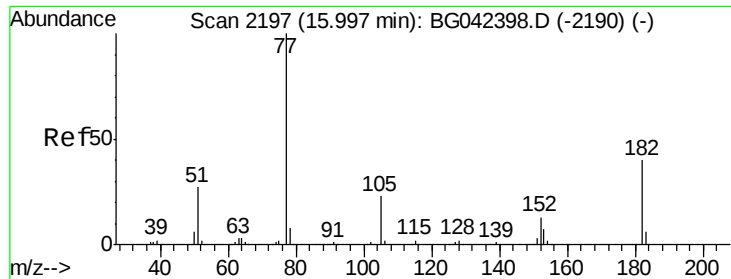
#62
 4-Nitroaniline
 Concen: 42.774 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.0	24.2	64.2
108	72.2	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

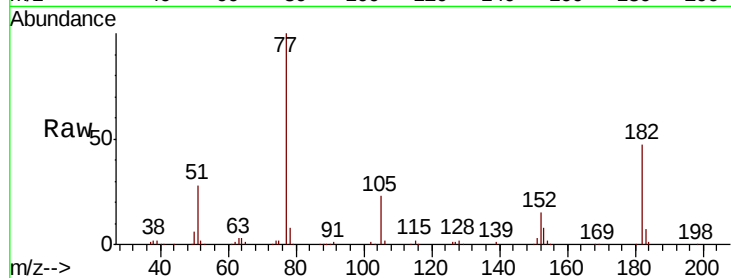




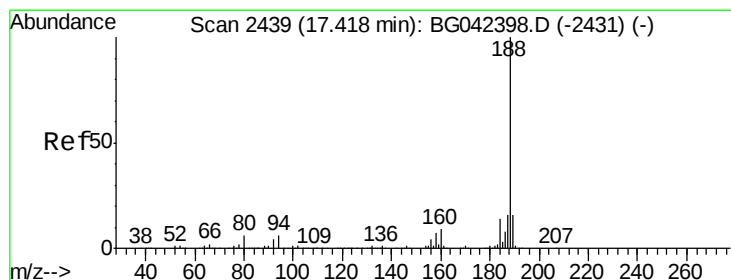
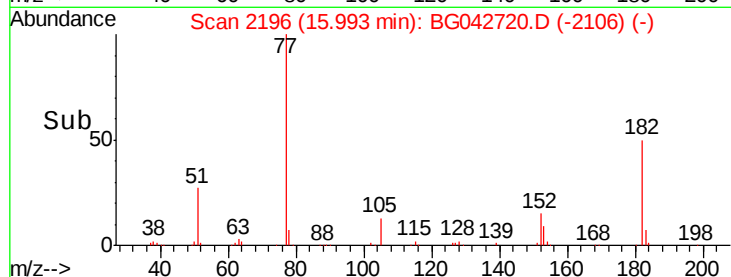
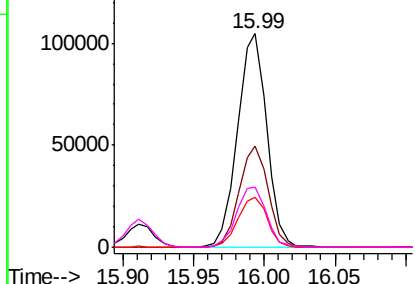
#63
Azobenzene
Concen: 39.784 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 151859
Ion Ratio Lower Upper
77 100
182 47.3 19.9 59.9
105 23.5 2.9 42.9
51 28.3 7.6 47.6

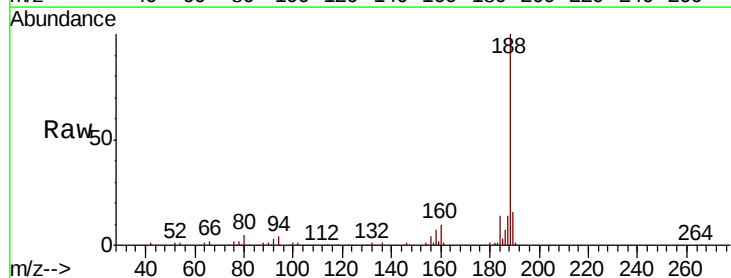


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

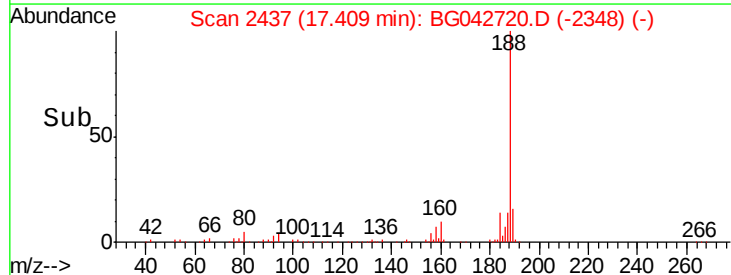
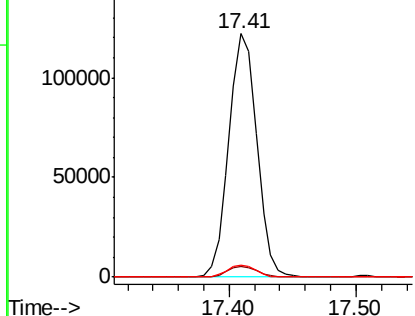


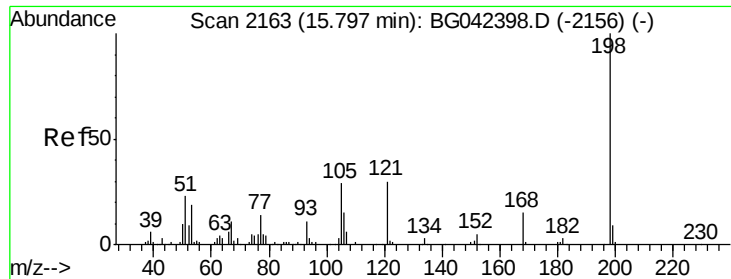
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion: 188 Resp: 186015
Ion Ratio Lower Upper
188 100
94 4.4 4.5 6.7#
80 4.8 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

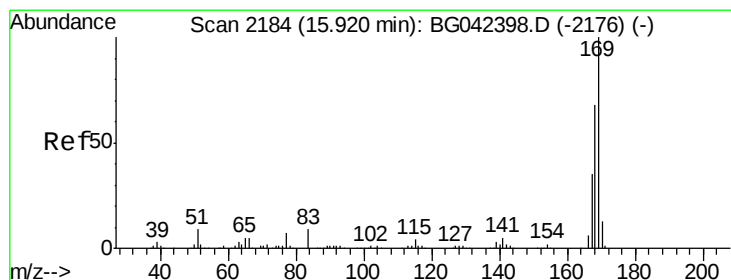
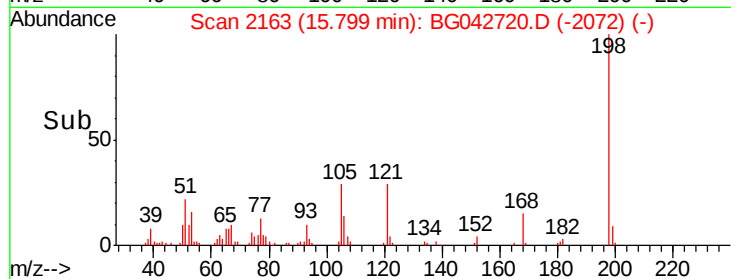
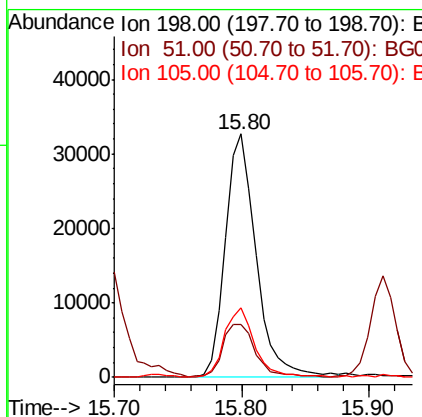
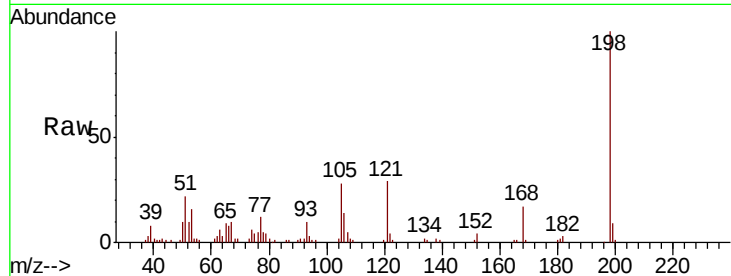




#65
4,6-Dinitro-2-methylphenol
Concen: 47.207 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

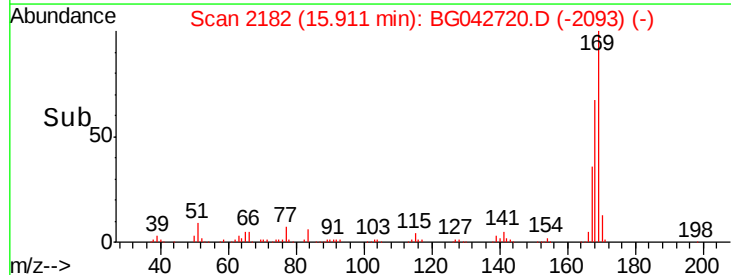
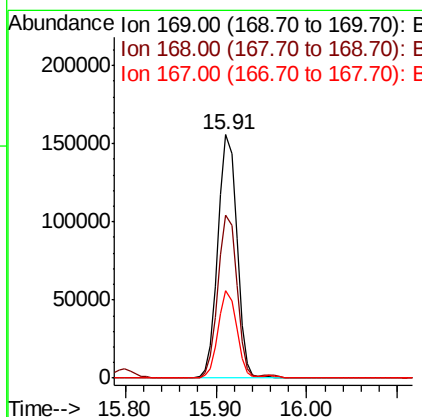
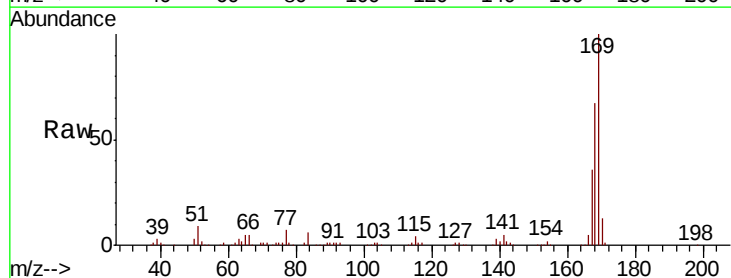
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	21.5	4.2	44.2
105	28.4	8.8	48.8



#66
n-Nitrosodiphenylamine
Concen: 44.314 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.3	81.5
167	35.7	28.2	42.2

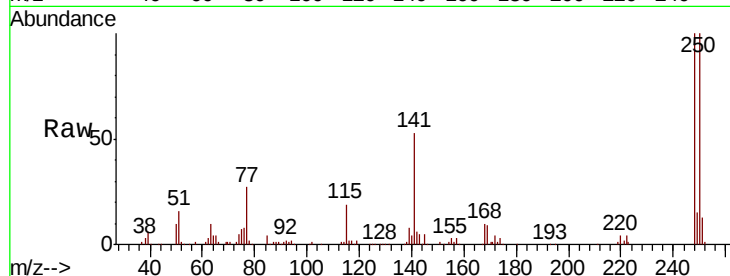




#67
 4-Bromophenyl-phenylether
 Concen: 43.796 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.2	78.9	118.3
141	52.8	43.3	64.9

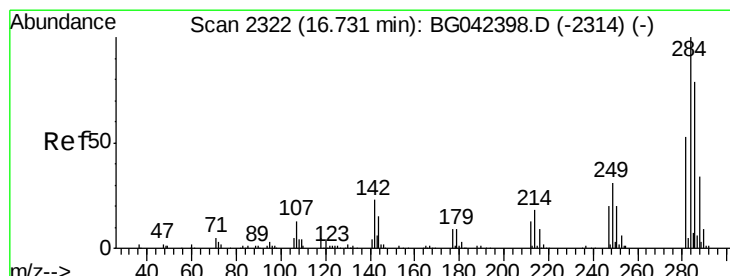
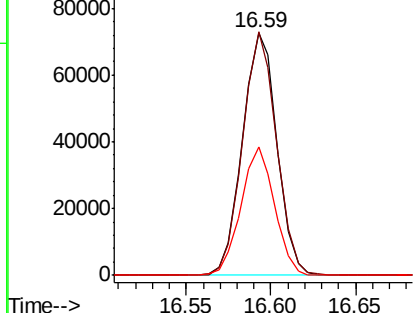
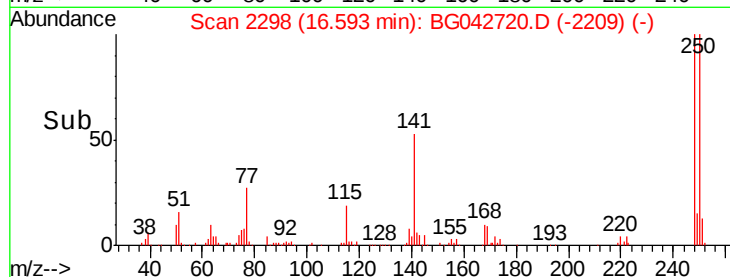


Abundance

Ion 248.00 (247.70 to 248.70): E

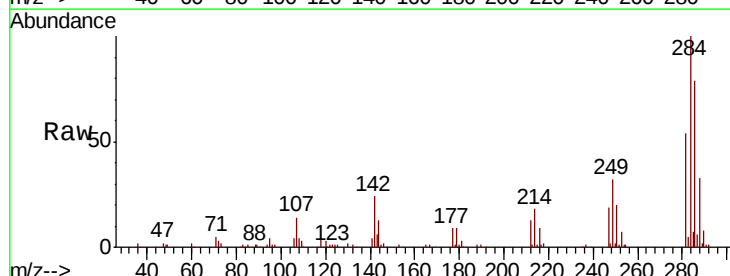
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 43.878 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.6	18.2	27.4
249	32.0	25.0	37.4

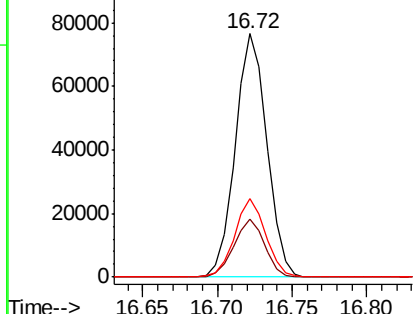
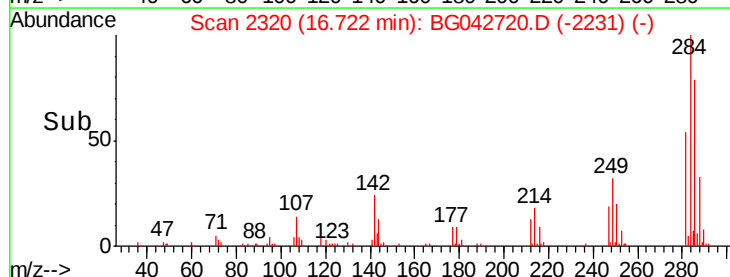


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 49.316 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Instrument :

BNA_G

ClientSampleId :

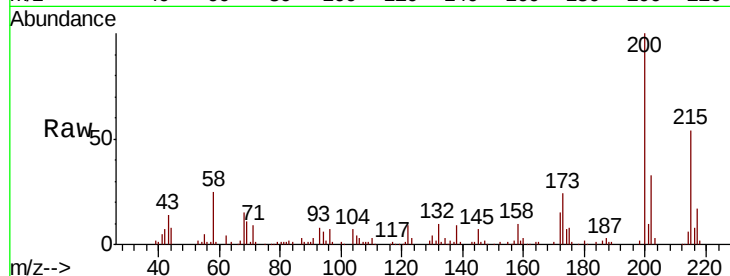
Tot Ion:200 Resp: 89213

Ion Ratio Lower Upper

200 100

173 23.7 4.9 44.9

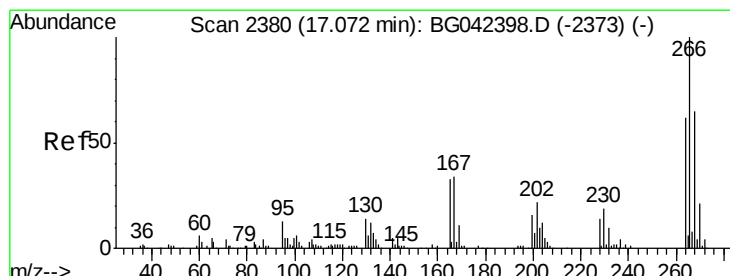
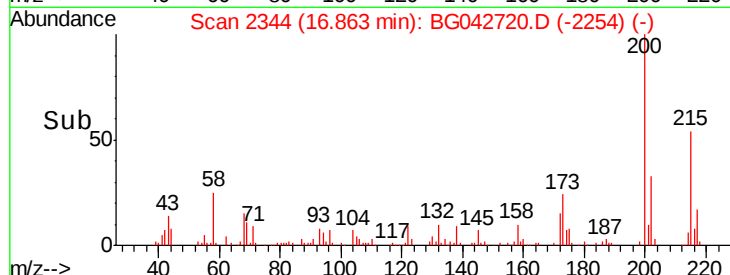
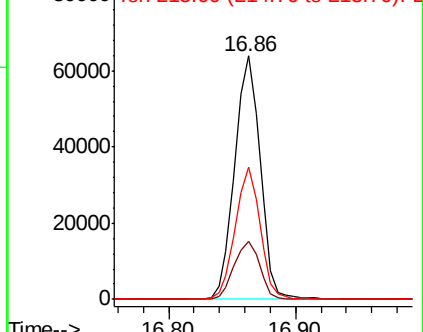
215 54.4 30.7 70.7



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: 87.662 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

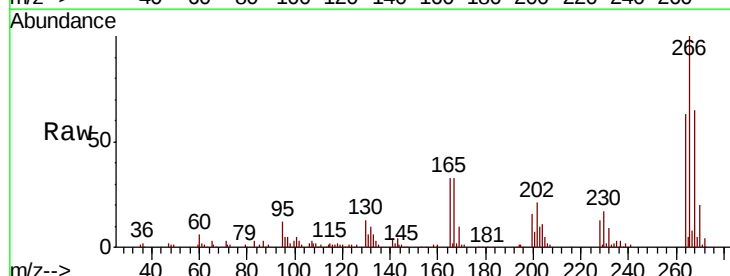
Tgt Ion:266 Resp: 116827

Ion Ratio Lower Upper

266 100

268 65.1 52.1 78.1

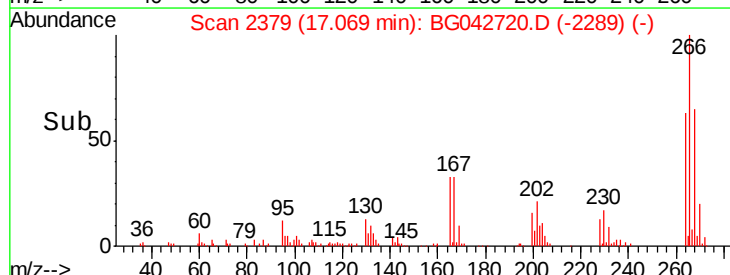
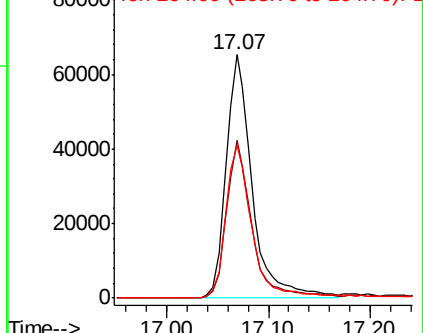
264 62.8 49.4 74.2

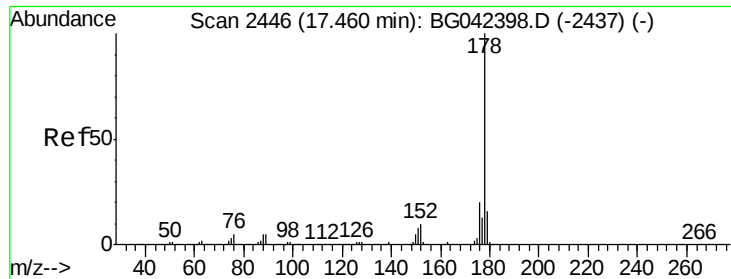


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

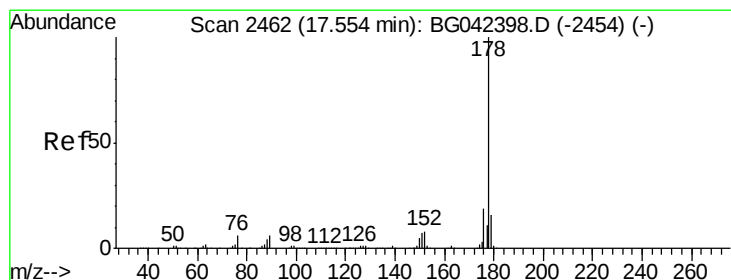
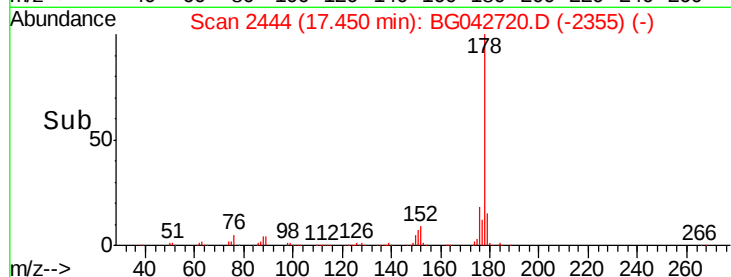
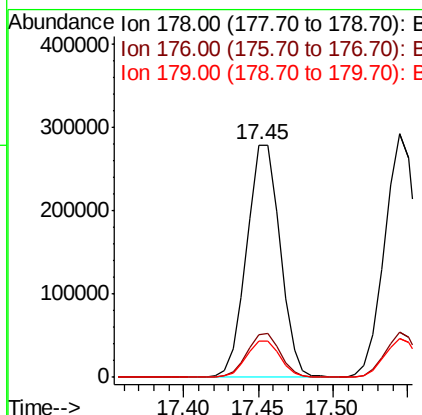
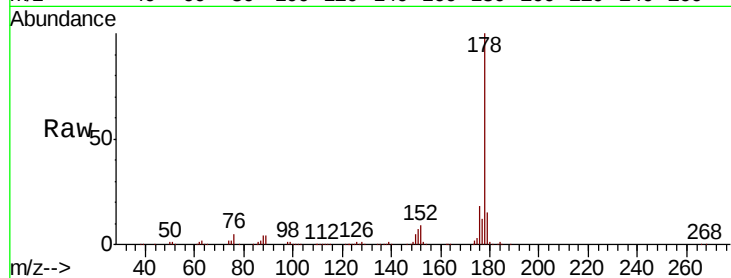




#71
Phenanthrene
Concen: 46.892 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

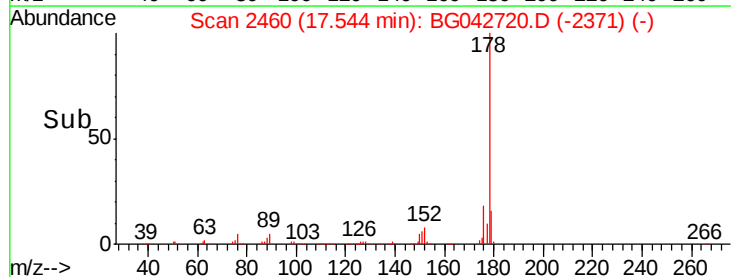
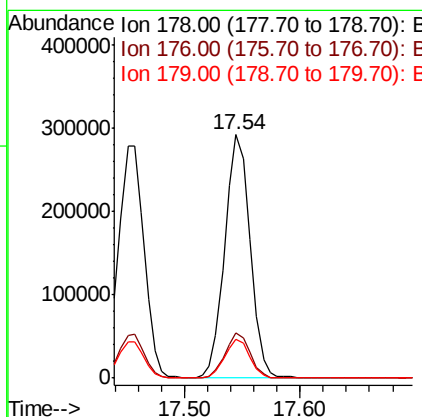
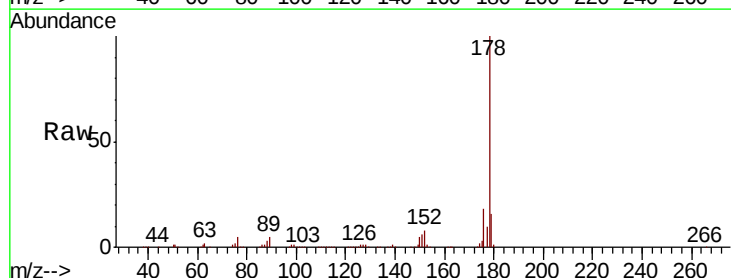
Instrument :
BNA_G
ClientSampleId :

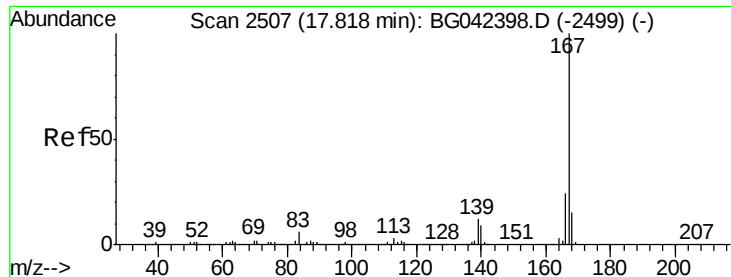
Tot Ion:178 Resp: 433270
Ion Ratio Lower Upper
178 100
176 18.4 15.9 23.9
179 15.3 12.7 19.1



#72
Anthracene
Concen: 48.115 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion:178 Resp: 443808
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 15.7 12.9 19.3





#73

Carbazole

Concen: 48.305 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Instrument :

BNA_G

ClientSampleId :

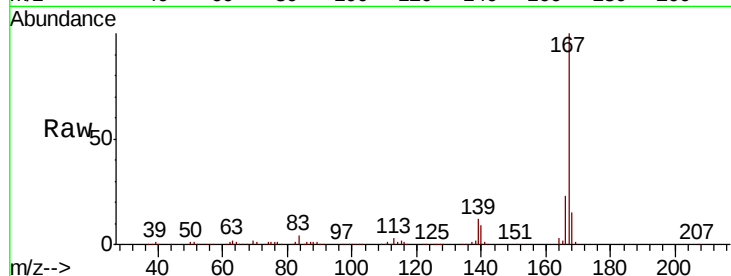
Tot Ion:167 Resp: 397104

Ion Ratio Lower Upper

167 100

166 23.0 18.9 28.3

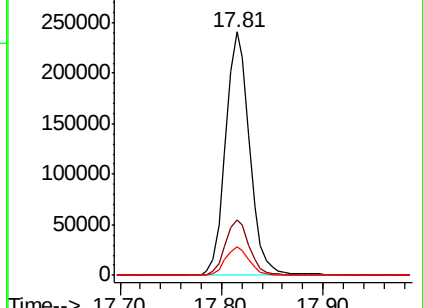
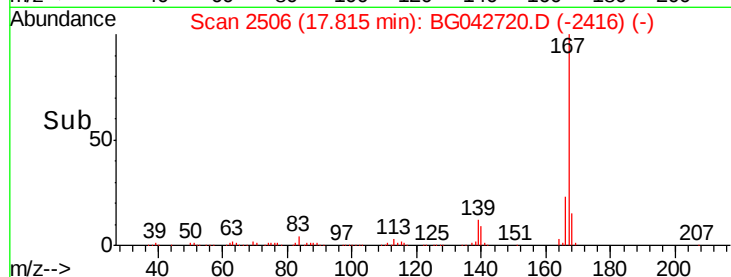
139 11.9 9.8 14.6



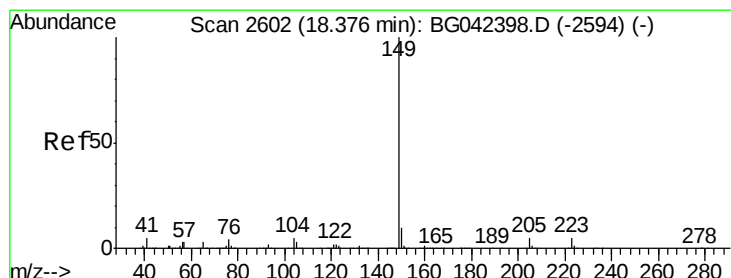
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 17.70 17.80 17.90



#74

Di-n-butylphthalate

Concen: 47.028 ng

RT: 18.37 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

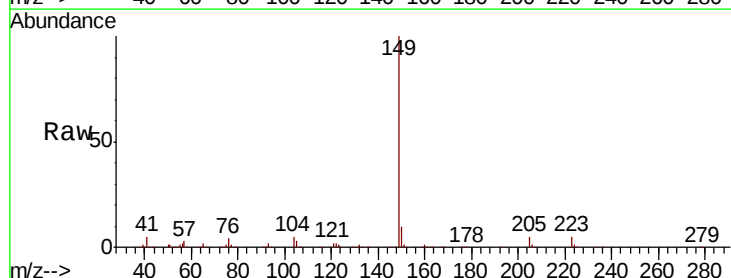
Tgt Ion:149 Resp: 457001

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

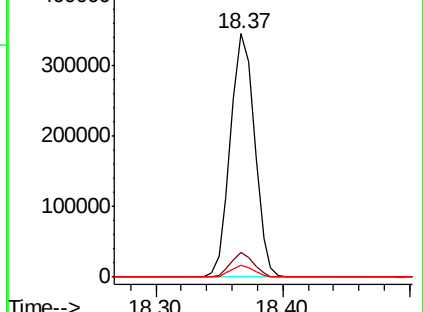
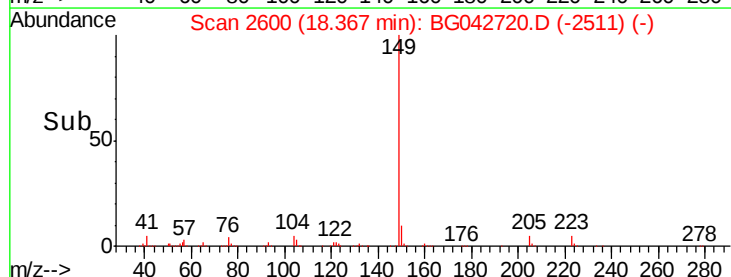
104 4.7 3.7 5.5



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



Time--> 18.30 18.40



#75

Fluoranthene

Concen: 54.318 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Instrument :

BNA_G

ClientSampled :

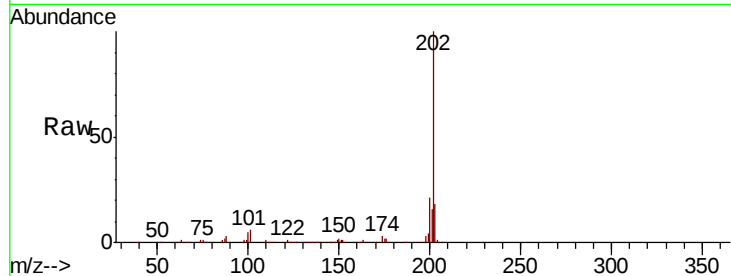
Tot Ion:202 Resp: 612510

Ion Ratio Lower Upper

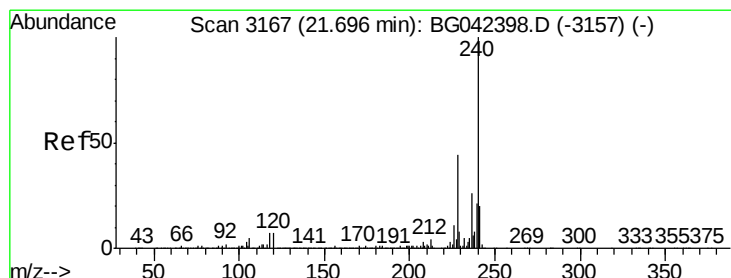
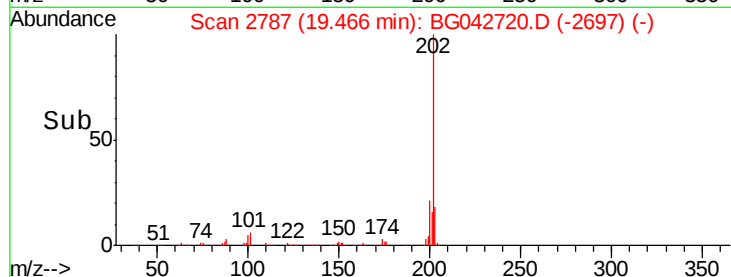
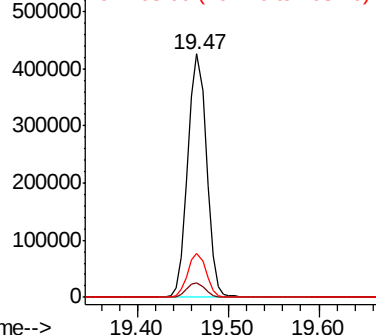
202 100

101 5.7 0.0 28.3

203 18.3 0.0 39.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

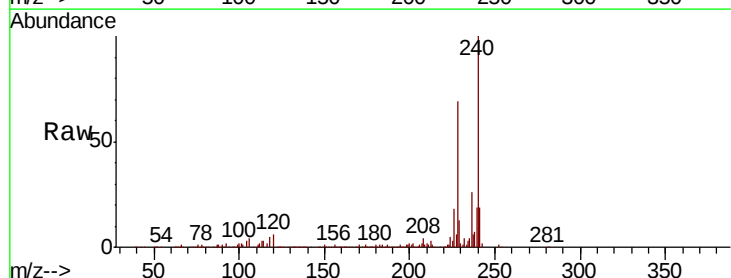
Tgt Ion:240 Resp: 226356

Ion Ratio Lower Upper

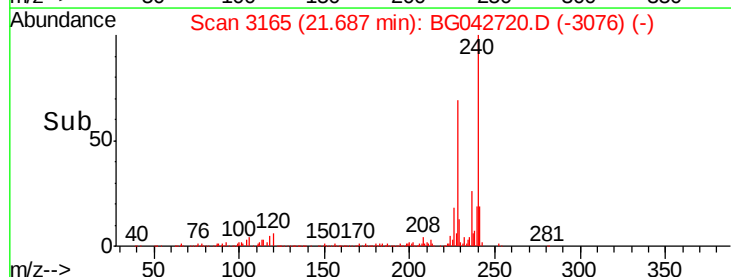
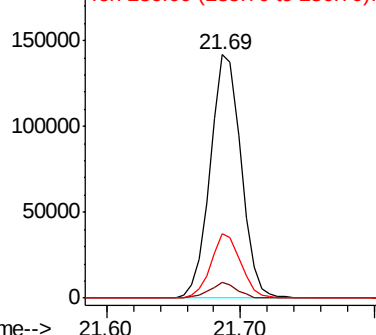
240 100

120 6.2 5.7 8.5

236 26.3 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: 35.891 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Instrument :

BNA_G

ClientSampleId :

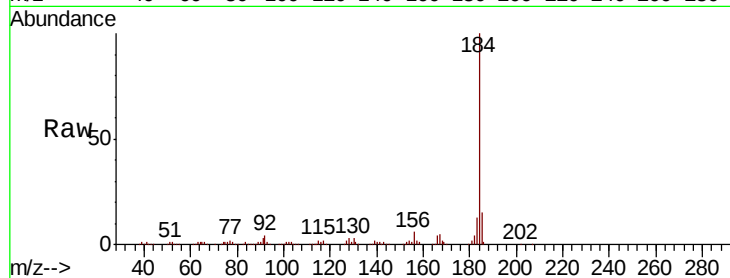
Tot Ion:184 Resp: 232924

Ion Ratio Lower Upper

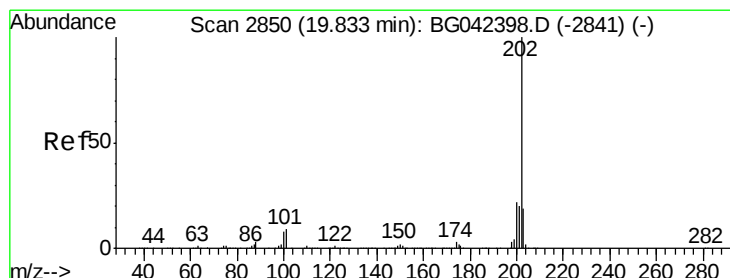
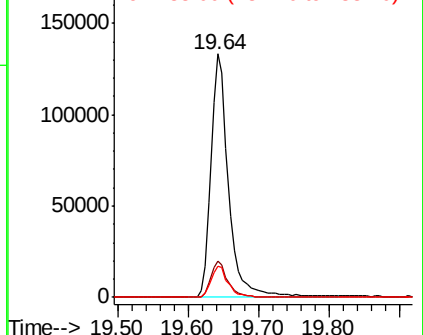
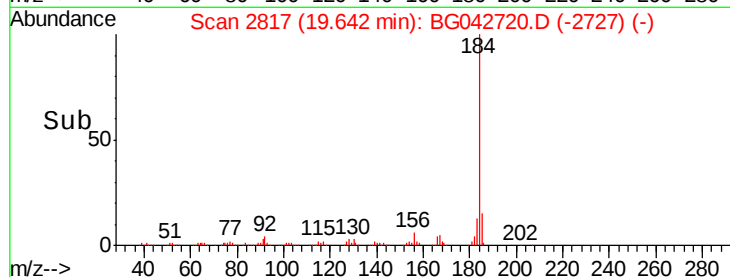
184 100

185 14.8 12.2 18.4

183 12.9 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: 44.375 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

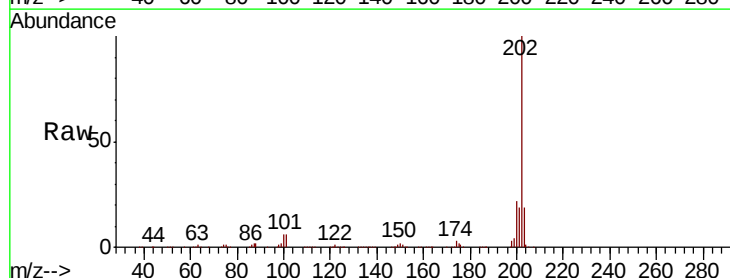
Tgt Ion:202 Resp: 615831

Ion Ratio Lower Upper

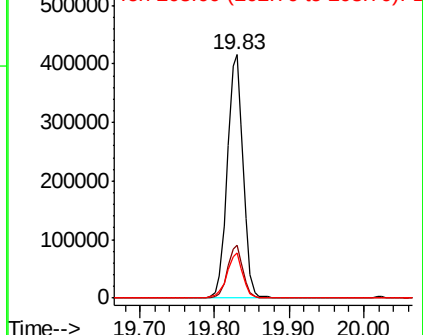
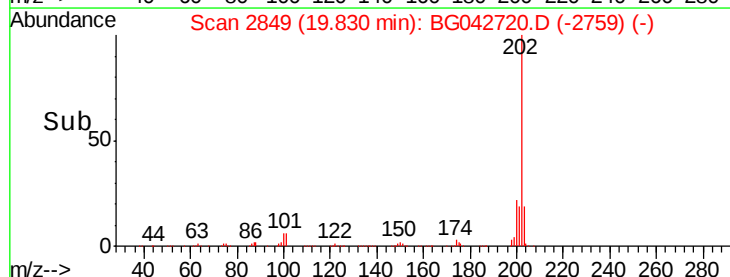
202 100

200 21.5 17.8 26.6

203 18.7 15.5 23.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.824 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Instrument :

BNA_G

ClientSampleId :

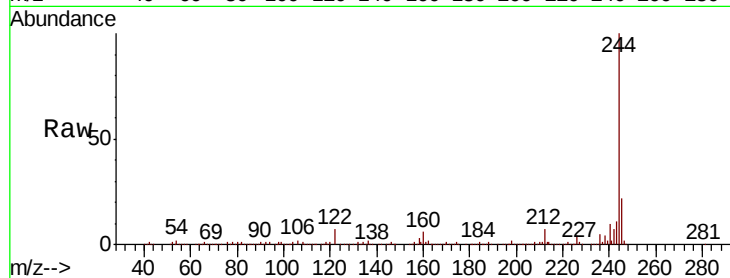
Tot Ion:244 Resp: 793884

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

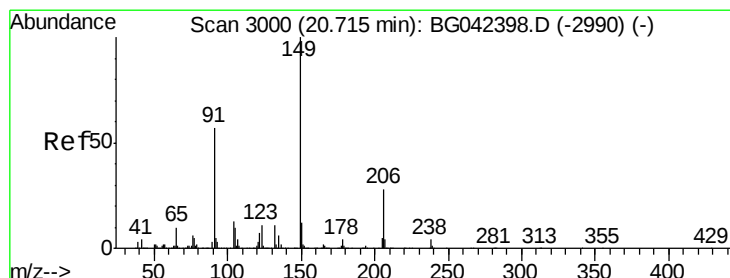
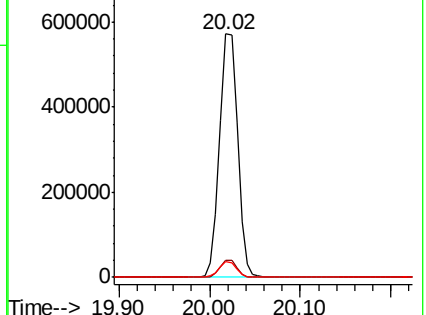
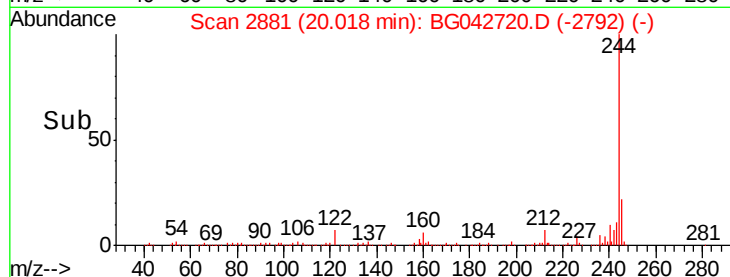
122 6.7 6.7 10.1



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: 40.636 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

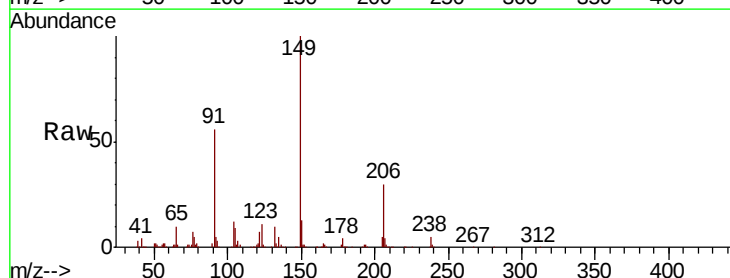
Tgt Ion:149 Resp: 221811

Ion Ratio Lower Upper

149 100

91 55.5 45.9 68.9

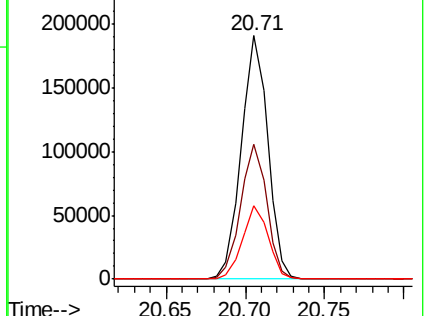
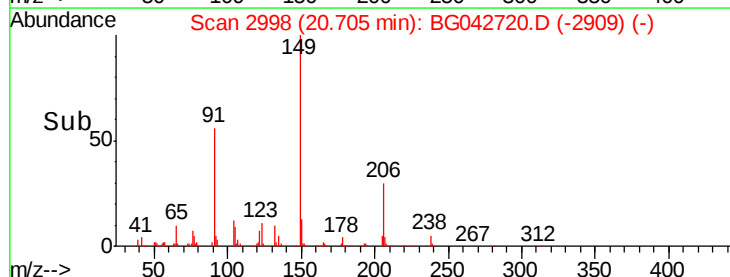
206 29.9 22.5 33.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.483 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

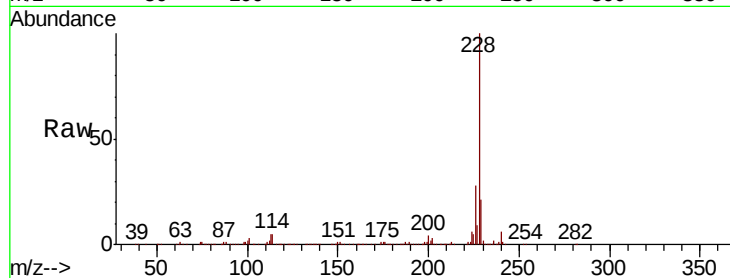
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 626286

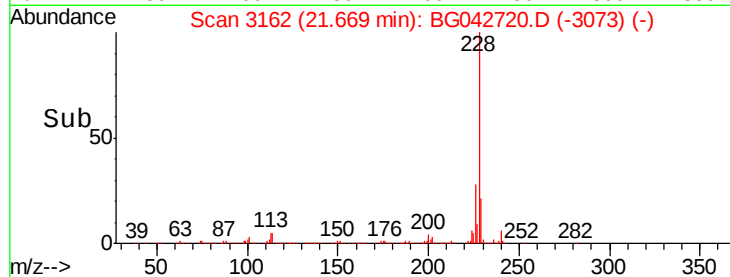
Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.2
229	21.2	17.4	26.2



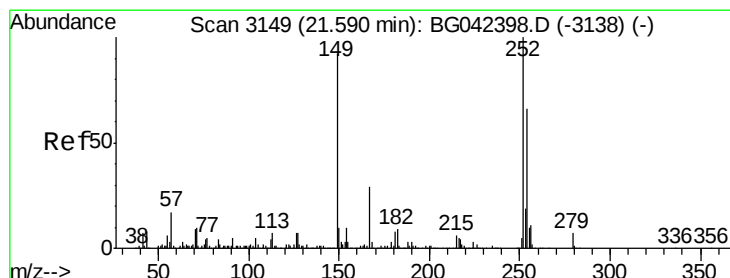
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 37.300 ng

RT: 21.58 min Scan# 3147

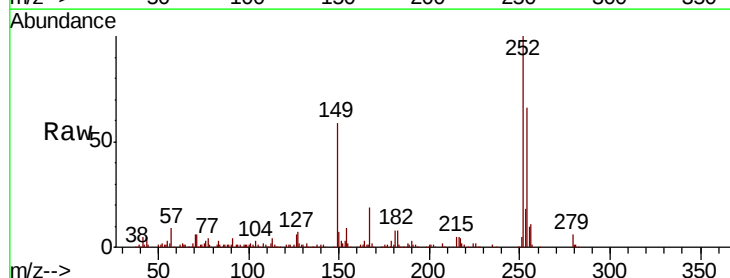
Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Tgt Ion:252 Resp: 206563

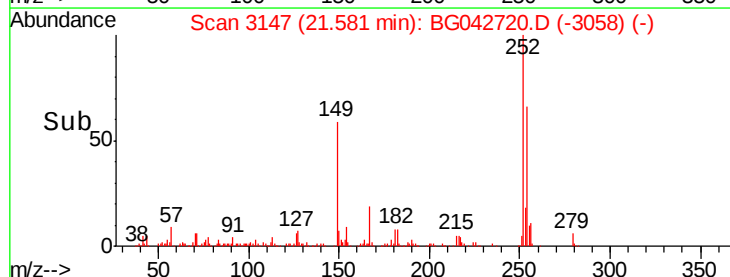
Ion	Ratio	Lower	Upper
252	100		
254	66.1	53.0	79.4
126	5.9	5.7	8.5



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



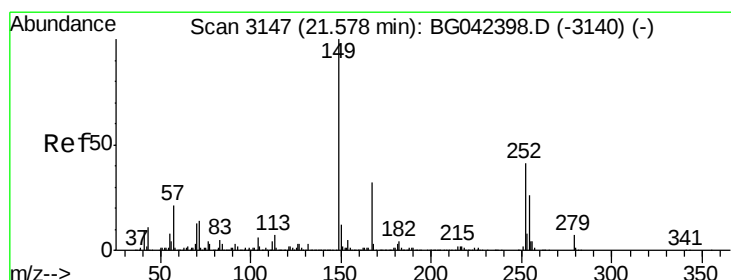
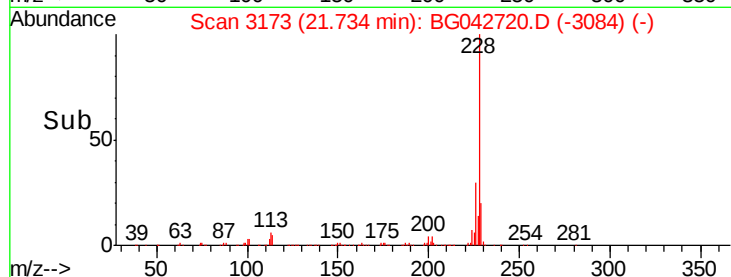
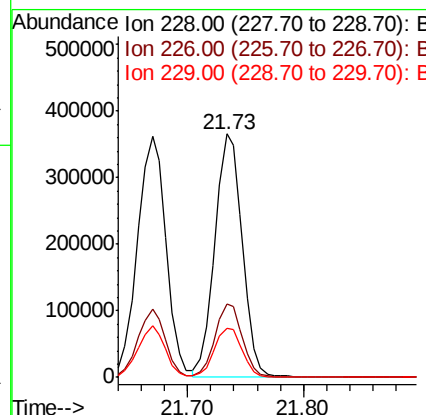
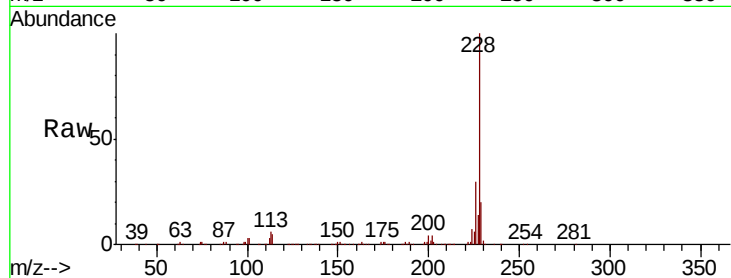
Time-->



#83
 Chrvsene
 Concen: 45.326 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

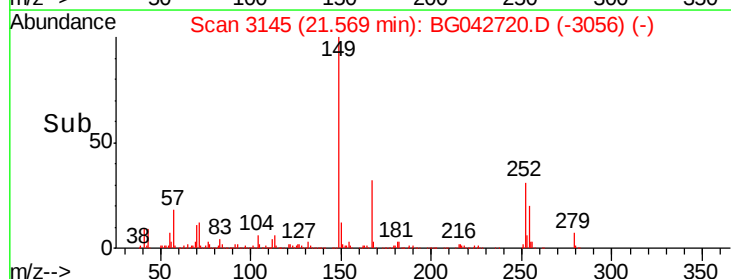
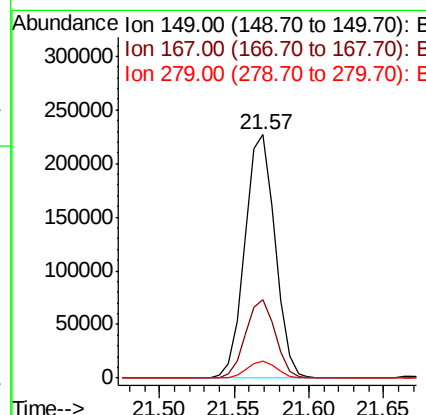
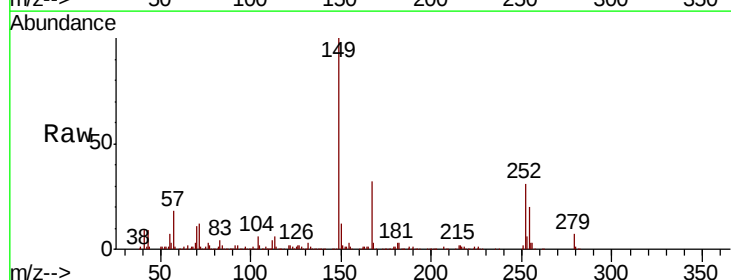
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.4	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.826 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042720.D
 Acq: 5 Sep 2019 14:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.1	26.0	39.0
279	7.1	5.4	8.0

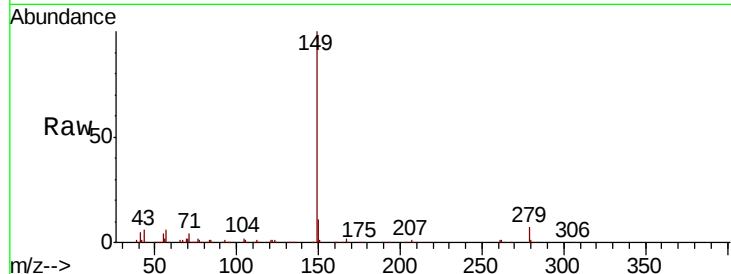




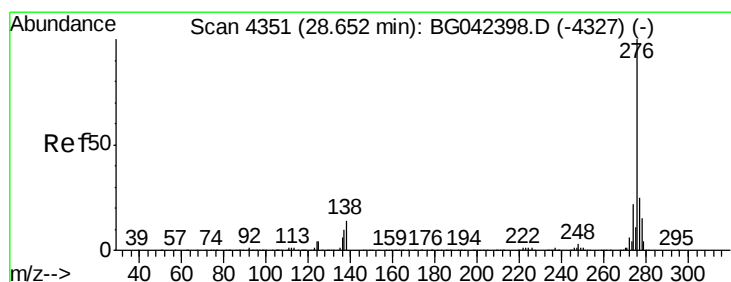
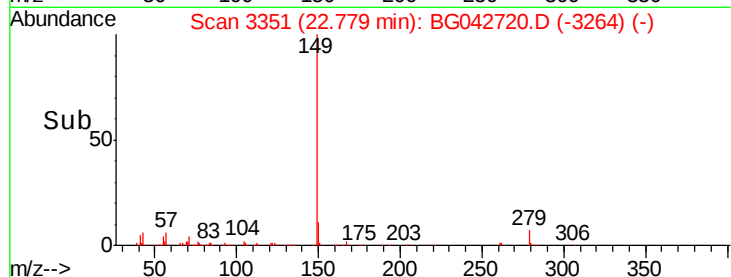
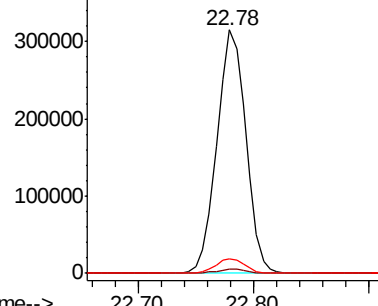
#85
Di-n-octyl phthalate
Concen: 42.173 ng
RT: 22.78 min Scan# 3351
Delta R.T. -0.02 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.1	5.3	7.9

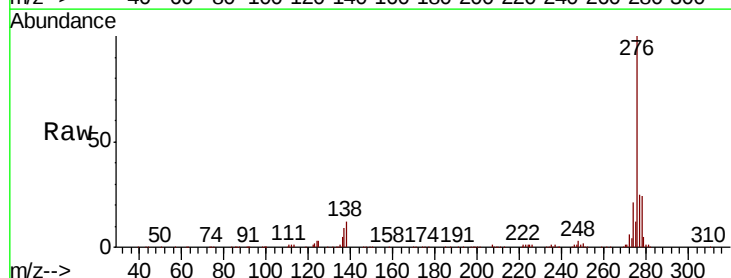


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

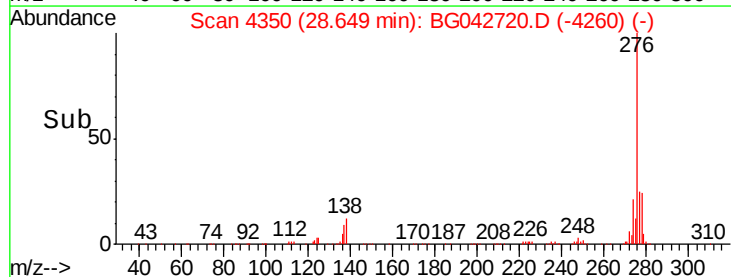
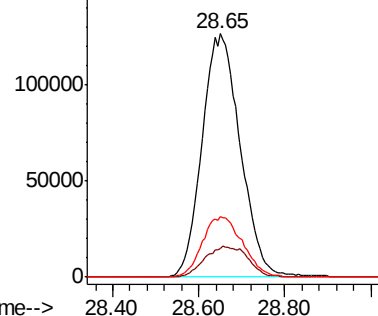


#86
Indeno(1,2,3-cd)pyrene
Concen: 43.374 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.00 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	9.2	13.8#
277	26.3	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# 3717

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Instrument :

BNA_G

ClientSampleId :

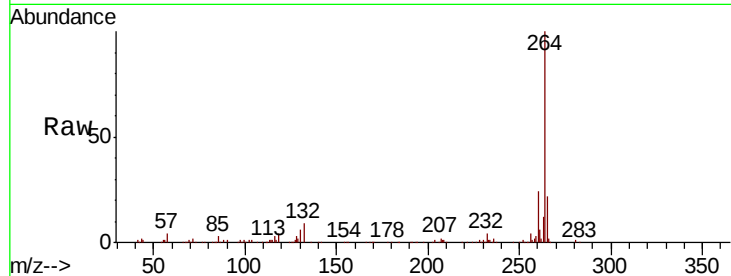
Tot Ion:264 Resp: 247323

Ion Ratio Lower Upper

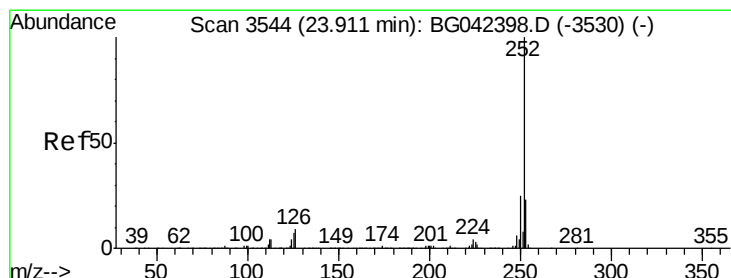
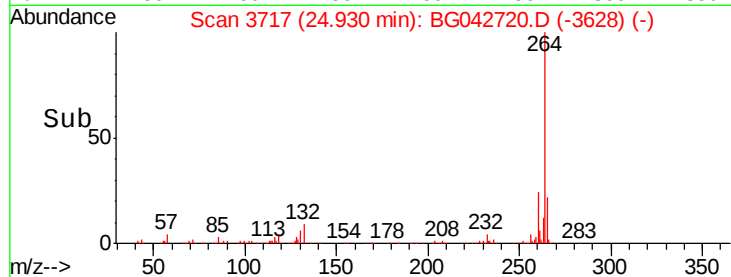
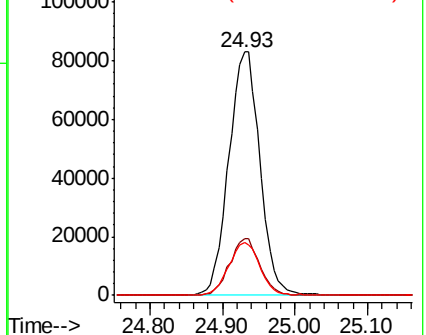
264 100

260 23.5 18.5 27.7

265 21.7 17.6 26.4



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



#88

Benzo(b)fluoranthene

Concen: 50.546 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

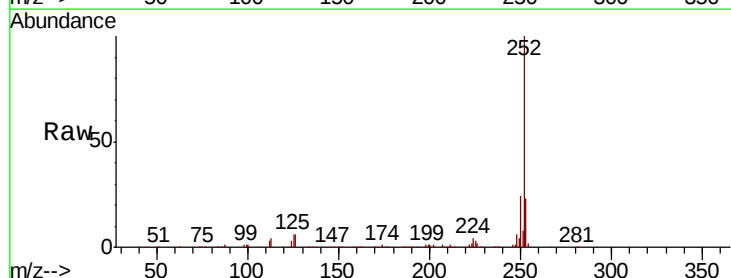
Tgt Ion:252 Resp: 687266

Ion Ratio Lower Upper

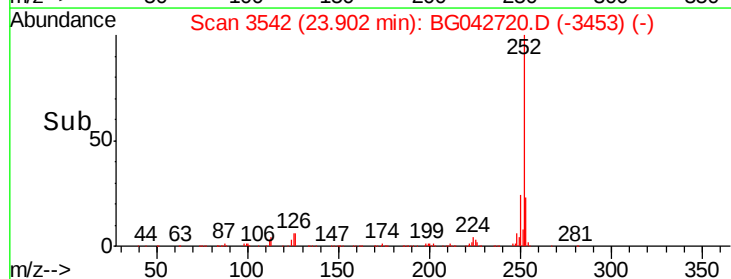
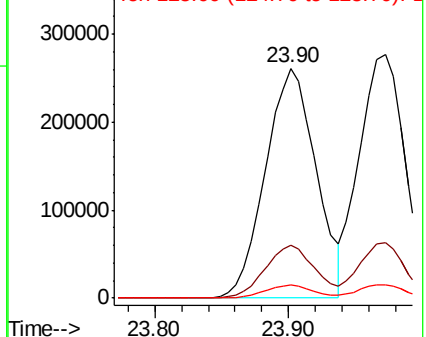
252 100

253 22.8 18.6 27.8

125 5.8 5.6 8.4



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

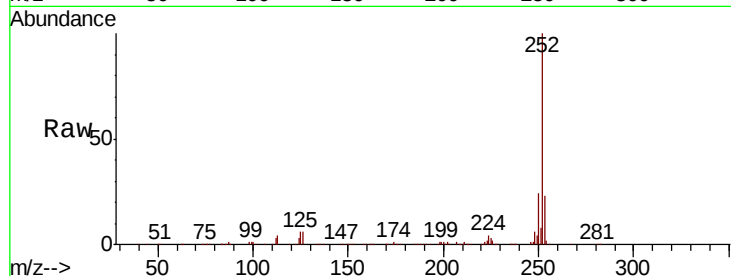




#89
Benzo(k)fluoranthene
Concen: 52.585 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.07 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	5.8	5.8	8.6

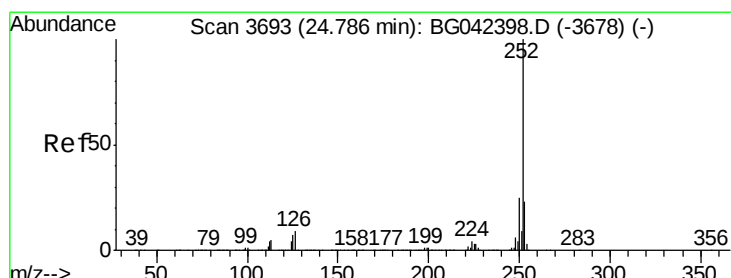
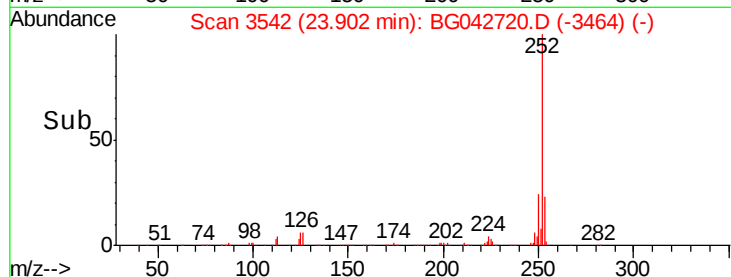
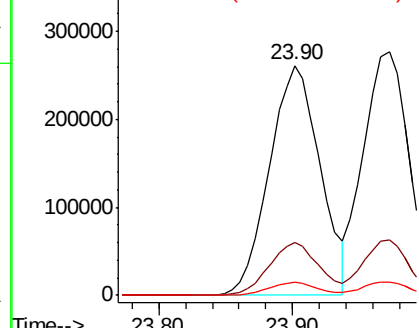


Abundance

Ion 252.00 (251.70 to 252.70): E

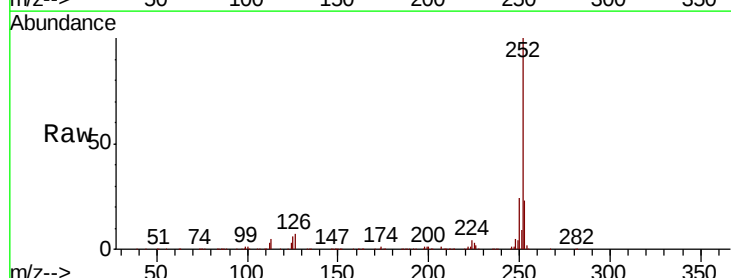
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 51.823 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042720.D
Acq: 5 Sep 2019 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	5.8	6.0	9.0

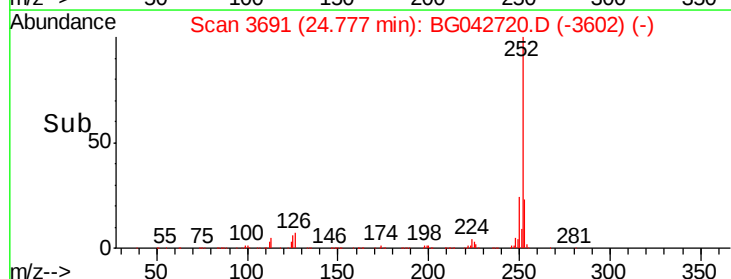
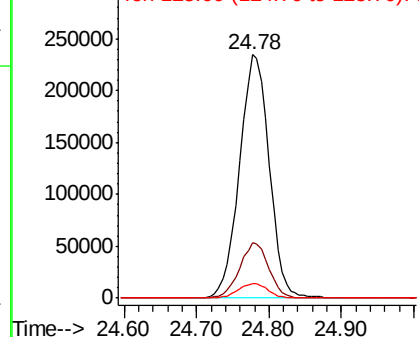


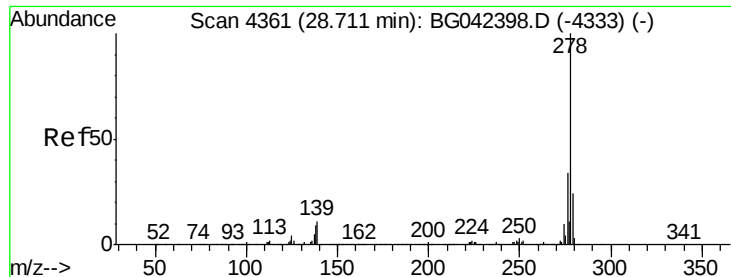
Abundance

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: 50.319 ng

RT: 28.70 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

Instrument :

BNA_G

ClientSampleId :

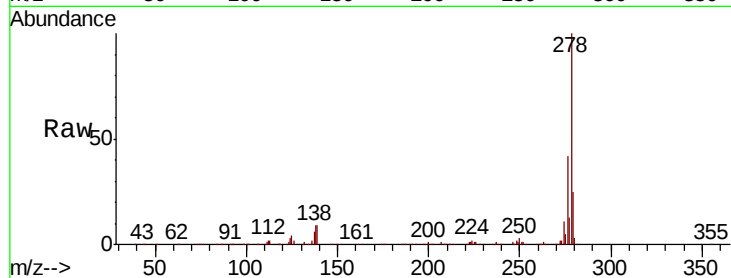
Tot Ion:278 Resp: 657351

Ion Ratio Lower Upper

278 100

139 9.3 8.8 13.2

279 25.0 19.1 28.7

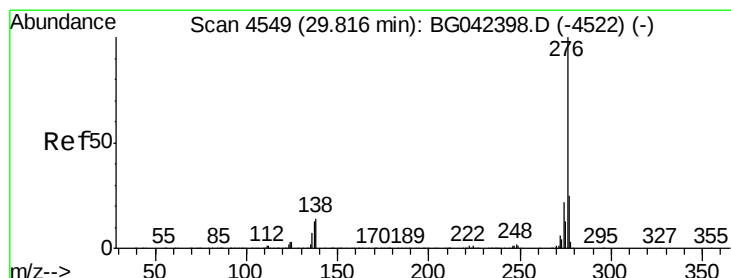
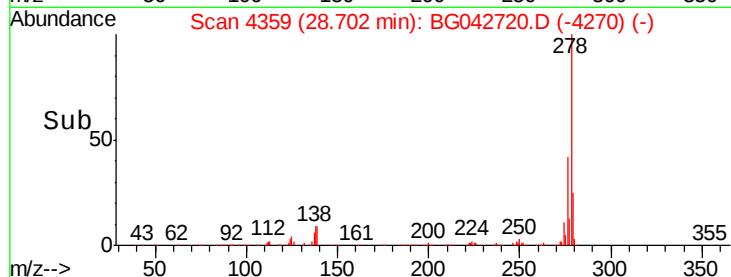
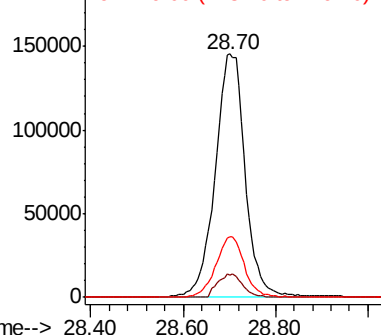


Abundance

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: 50.412 ng

RT: 29.81 min Scan# 4547

Delta R.T. -0.01 min

Lab File: BG042720.D

Acq: 5 Sep 2019 14:56

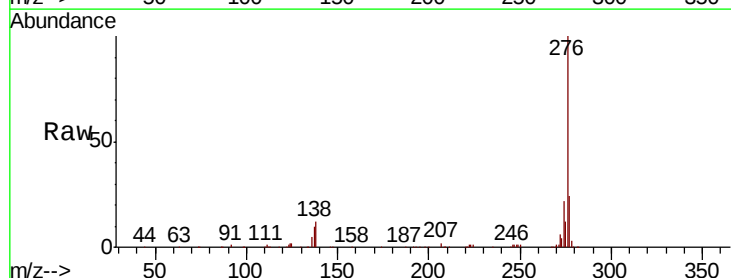
Tgt Ion:276 Resp: 658662

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.8

138 12.4 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

