

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
 Data File : BG043765.D
 Acq On : 23 Nov 2019 20:55
 Operator : JU
 Sample : K5676-25MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 25 02:05:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35282	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	192790	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	185638	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	551131	20.00	ng	0.00
76) Chrysene-d12	21.66	240	688024	20.00	ng	0.00
87) Perylene-d12	24.85	264	613566	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	350171	178.43	ng	0.00
7) Phenol-d6	7.18	99	570476	199.97	ng	0.00
23) Nitrobenzene-d5	9.18	82	306467	87.40	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	353732	157.98	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	899445	79.64	ng	0.00
79) Terphenyl-d14	20.01	244	2402553	78.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	26044	29.929	ng	# 37
3) Pyridine	3.92	79	109223	44.578	ng	94
4) n-Nitrosodimethylamine	3.82	42	58298	47.898	ng	# 95
6) Aniline	7.35	93	107298	28.861	ng	97
8) 2-Chlorophenol	7.59	128	137690	61.514	ng	95
9) Benzaldehyde	7.16	77	26894	15.782	ng	94
10) Phenol	7.21	94	197904	67.574	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	122309	50.040	ng	93
12) 1,3-Dichlorobenzene	7.92	146	108522	41.185	ng	99
13) 1,4-Dichlorobenzene	8.07	146	113914	42.682	ng	97
14) 1,2-Dichlorobenzene	8.38	146	113010	44.751	ng	99
15) Benzyl Alcohol	8.26	79	154948	65.026	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	193929	46.135	ng	99
17) 2-Methylphenol	8.46	107	141655	67.651	ng	99
18) Hexachloroethane	9.12	117	38767	38.478	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	127035	56.624	ng	94
20) 3+4-Methylphenols	8.79	107	205050	70.193	ng	97
22) Acetophenone	8.84	105	217956	42.655	ng	# 97
24) Nitrobenzene	9.22	77	161207	44.728	ng	99
25) Isophorone	9.75	82	382484	50.872	ng	99
26) 2-Nitrophenol	9.93	139	69303	53.296	ng	99
27) 2,4-Dimethylphenol	9.99	122	168633	66.044	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	210441	45.413	ng	99
29) 2,4-Dichlorophenol	10.47	162	181165	58.364	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	147518	40.555	ng	100
31) Naphthalene	10.88	128	444482	46.477	ng	99
32) Benzoic acid	10.11	122	112435	61.062	ng	95
33) 4-Chloroaniline	10.98	127	43871	9.521	ng	96
34) Hexachlorobutadiene	11.18	225	83866	35.063	ng	99
35) Caprolactam	11.74	113	38325	30.364	ng	89
36) 4-Chloro-3-methylphenol	12.10	107	234403	67.195	ng	98
37) 2-Methylnaphthalene	12.48	142	379548	52.664	ng	97
38) 1-Methylnaphthalene	12.70	142	368449	53.868	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	210065	35.562	ng	98

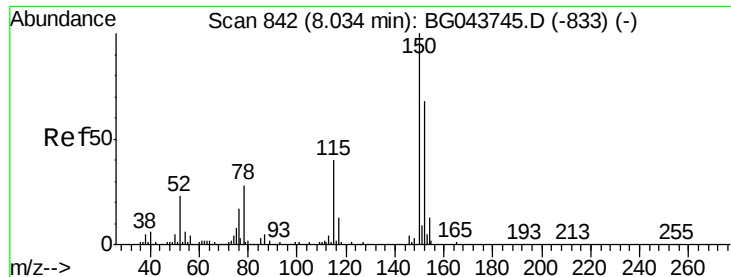
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
 Data File : BG043765.D
 Acq On : 23 Nov 2019 20:55
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	224957	70.488	ng	100
43) 2,4,6-Trichlorophenol	13.08	196	181192	47.694	ng	99
44) 2,4,5-Trichlorophenol	13.15	196	208433	52.738	ng	98
46) 1,1'-Biphenyl	13.49	154	527908	41.025	ng	100
47) 2-Chloronaphthalene	13.53	162	423753	40.382	ng	98
48) 2-Nitroaniline	13.72	65	154273	50.217	ng	97
49) Acenaphthylene	14.38	152	768291	46.535	ng	98
50) Dimethylphthalate	14.11	163	714396	48.580	ng	99
51) 2,6-Dinitrotoluene	14.22	165	152790	55.948	ng	97
52) Acenaphthene	14.72	154	529296	50.131	ng	100
53) 3-Nitroaniline	14.54	138	62362	19.550	ng	# 93
54) 2,4-Dinitrophenol	14.75	184	142040	127.303	ng	# 69
55) Dibenzofuran	15.05	168	783609	47.641	ng	100
56) 4-Nitrophenol	14.85	139	349432	130.055	ng	92
57) 2,4-Dinitrotoluene	15.00	165	231412	61.102	ng	95
58) Fluorene	15.70	166	660702	48.981	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.19	232	206842	52.107	ng	98
60) Diethylphthalate	15.48	149	739701	50.252	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	350636	47.213	ng	96
62) 4-Nitroaniline	15.70	138	170172	46.525	ng	95
63) Azobenzene	15.99	77	666271	48.137	ng	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	109945	52.890	ng	96
66) n-Nitrosodiphenylamine	15.91	169	634650	43.493	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	246542	42.420	ng	98
68) Hexachlorobenzene	16.71	284	262945	41.384	ng	96
69) Atrazine	16.85	200	247184	42.268	ng	99
70) Pentachlorophenol	17.05	266	391671	101.022	ng	98
71) Phenanthrene	17.44	178	1245836	45.684	ng	98
72) Anthracene	17.53	178	1276986	46.356	ng	98
73) Carbazole	17.79	167	1282246	48.824	ng	98
74) Di-n-butylphthalate	18.37	149	1476231	42.260	ng	98
75) Fluoranthene	19.45	202	1760011	44.992	ng	95
77) Benzidine	19.63	184	174424	8.679	ng	99
78) Pyrene	19.80	202	1820581	41.000	ng	97
80) Butylbenzylphthalate	20.70	149	881090	43.558	ng	99
81) Benzo(a)anthracene	21.64	228	2024815	44.021	ng	96
82) 3,3'-Dichlorobenzidine	21.56	252	221326	12.831	ng	99
83) Chrysene	21.71	228	1901522	43.689	ng	96
84) Bis(2-ethylhexyl)phthalate	21.58	149	1250111	43.923	ng	97
85) Di-n-octyl phthalate	22.80	149	1820632	39.438	ng	98
86) Indeno(1,2,3-cd)pyrene	28.46	276	1949961	38.515	ng	93
88) Benzo(b)fluoranthene	23.84	252	1741445	47.537	ng	98
89) Benzo(k)fluoranthene	23.91	252	1600248	45.515	ng	97
90) Benzo(a)pyrene	24.70	252	1527287	44.337	ng	98
91) Dibenzo(a,h)anthracene	28.54	278	1600148	47.890	ng	98
92) Benzo(g,h,i)perylene	29.59	276	1621411	49.208	ng	98

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

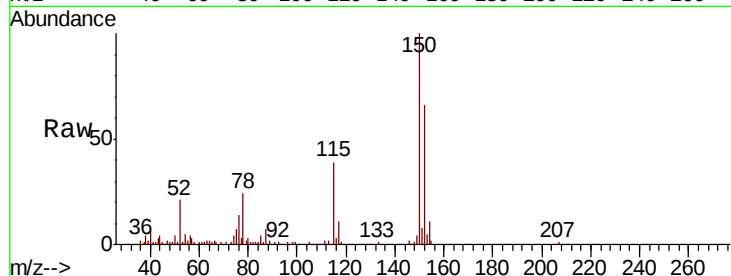


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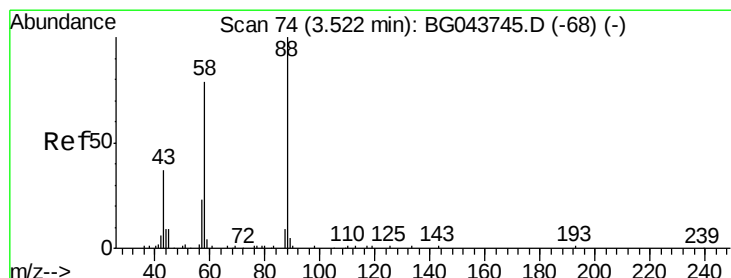
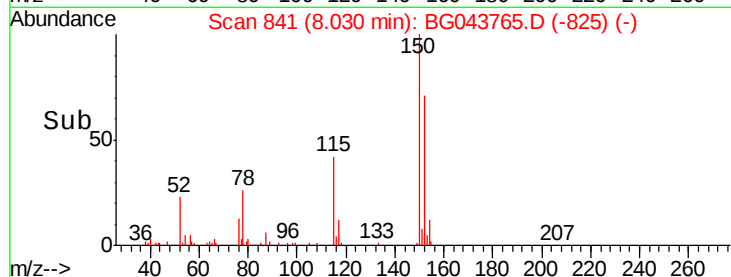
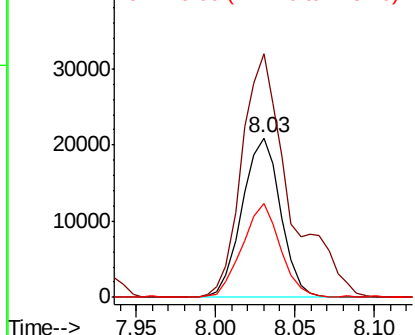
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	35282
Ion Ratio	Lower	Upper	
152	100		
150	152.4	117.8	176.8
115	58.8	47.0	70.4



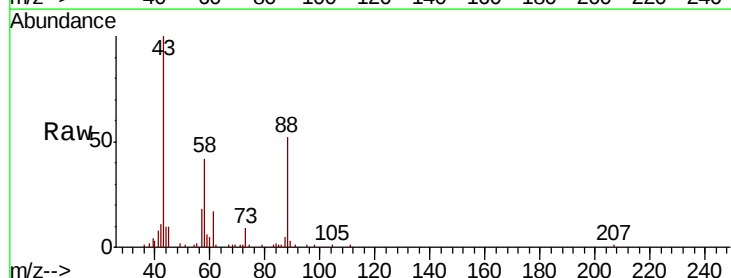
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



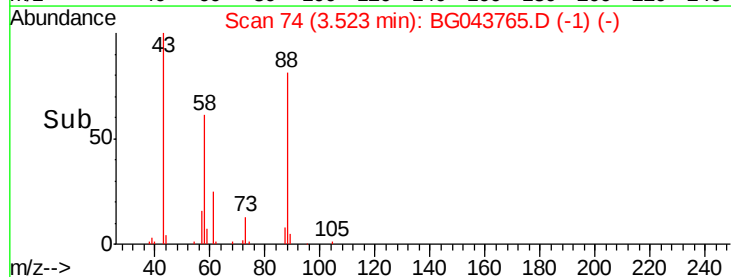
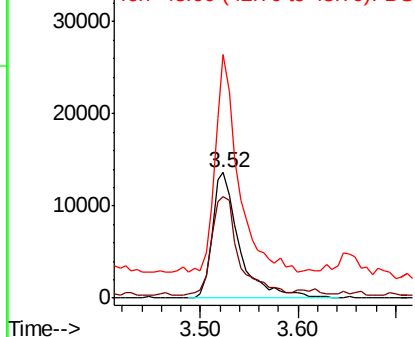
#2

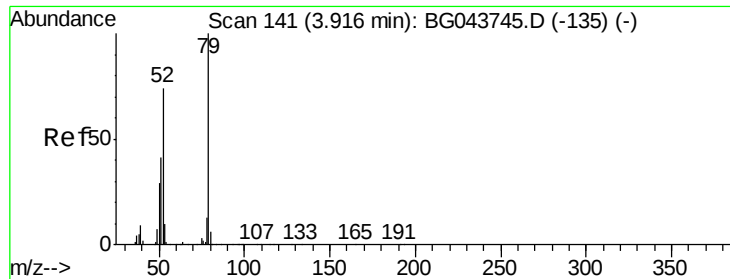
1,4-Dioxane
Concen: 29.929 ng
RT: 3.52 min Scan# 74
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	88	Resp	26044
Ion Ratio	Lower	Upper	
88	100		
58	81.3	62.3	93.5
43	148.6	28.9	43.3#



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: 44.578 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

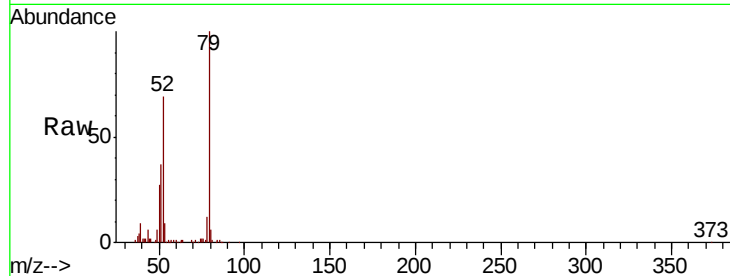
Tot Ion: 79 Resp: 109223

Ion Ratio Lower Upper

79 100

52 69.1 59.0 88.6

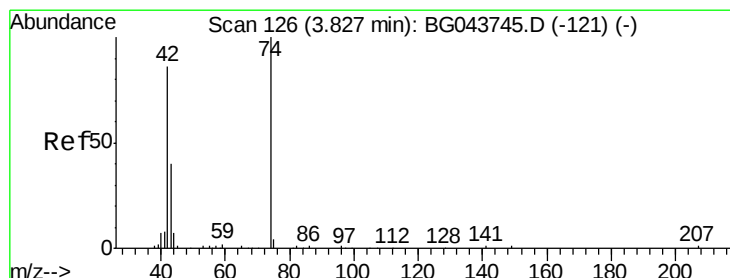
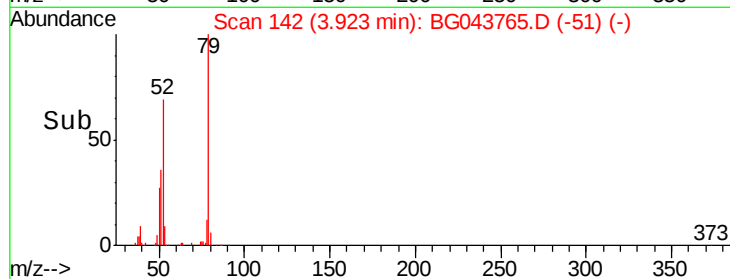
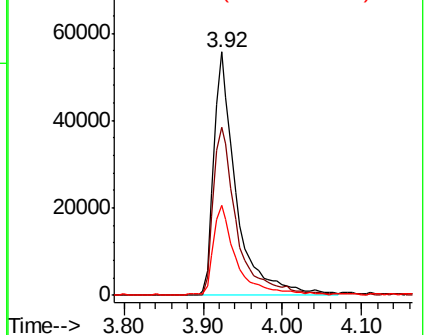
51 36.8 32.9 49.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 47.898 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

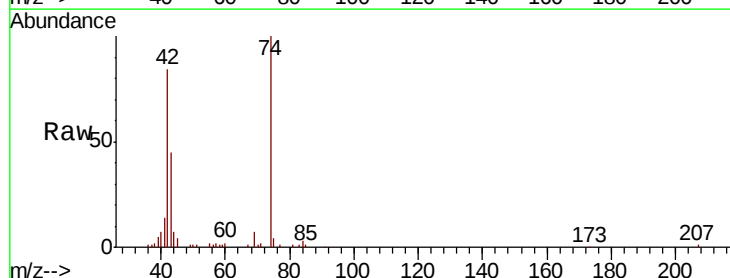
Tgt Ion: 42 Resp: 58298

Ion Ratio Lower Upper

42 100

74 119.7 91.9 137.9

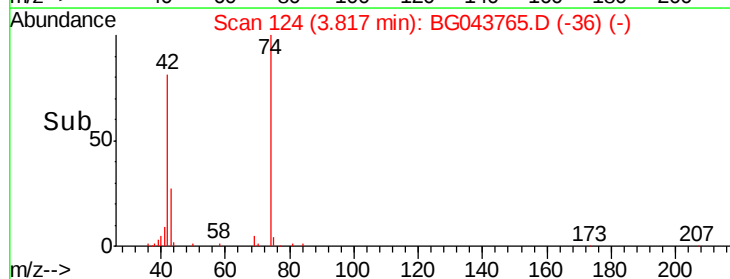
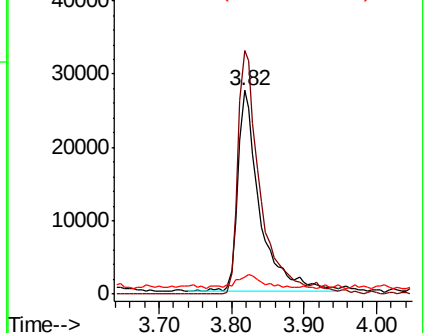
44 8.6 9.1 13.7#

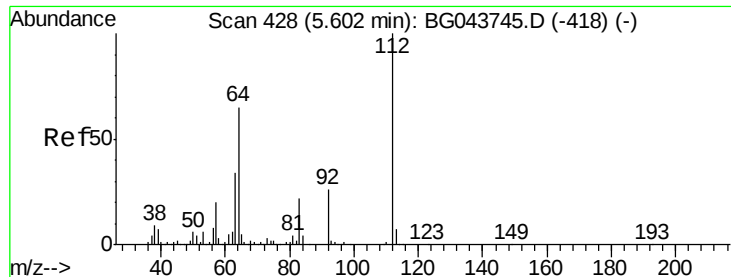


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 178.428 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

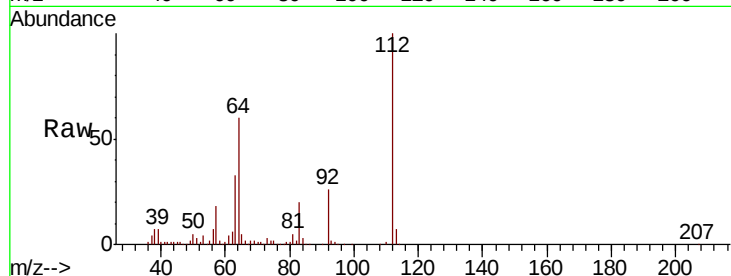
Tot Ion:112 Resp: 350171

Ion Ratio Lower Upper

112 100

64 60.3 51.7 77.5

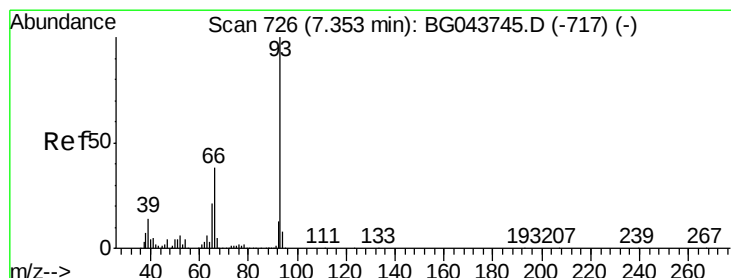
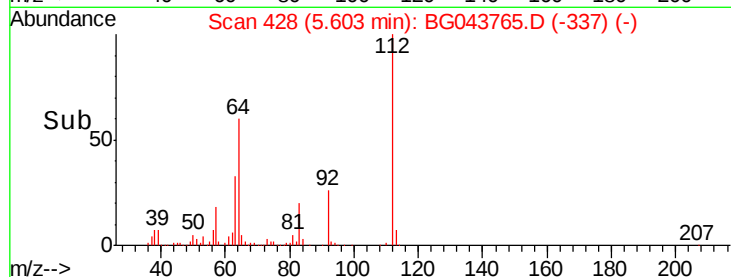
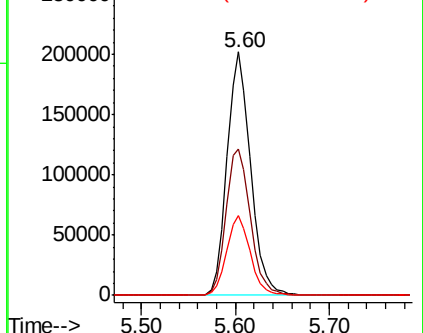
63 32.7 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.861 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

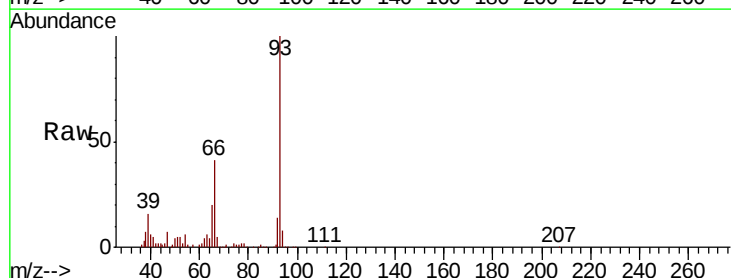
Tgt Ion: 93 Resp: 107298

Ion Ratio Lower Upper

93 100

66 40.6 30.6 46.0

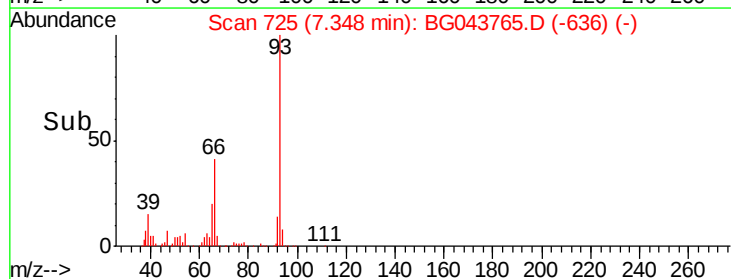
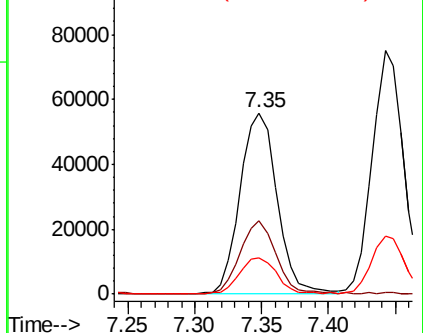
65 20.0 16.8 25.2

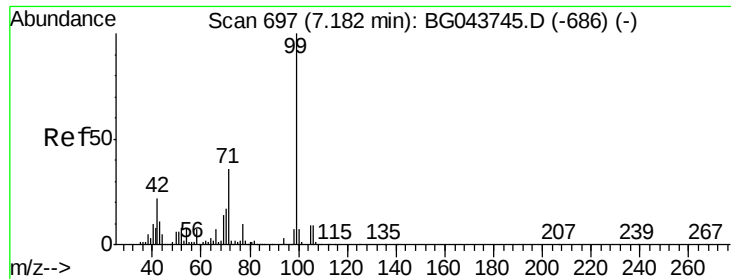


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 199.965 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

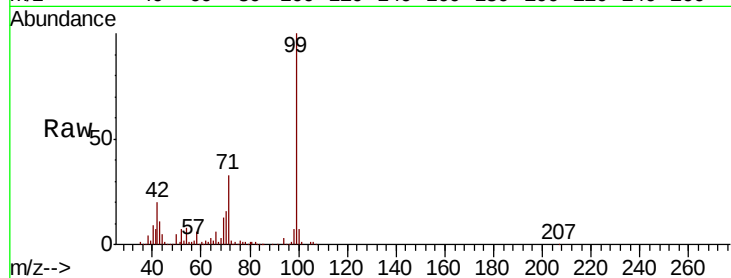
Tot Ion: 99 Resp: 570476

Ion Ratio Lower Upper

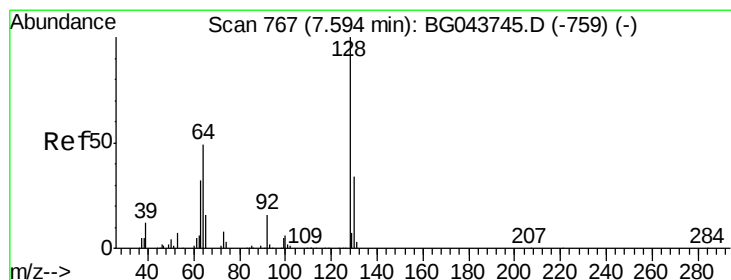
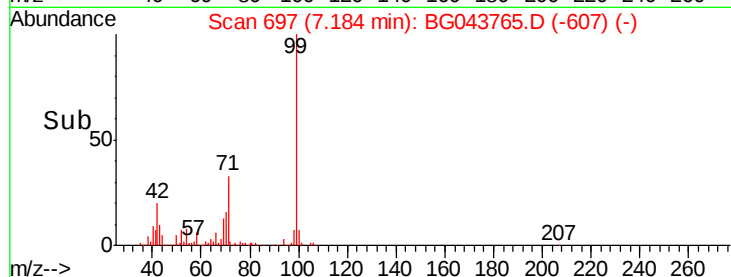
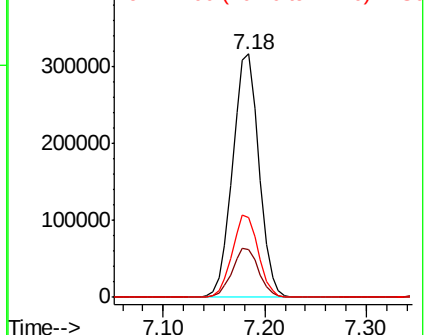
99 100

42 19.9 17.4 26.0

71 32.9 29.5 44.3



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: 61.514 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

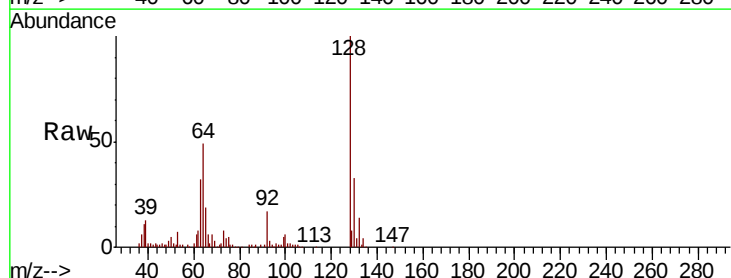
Tgt Ion: 128 Resp: 137690

Ion Ratio Lower Upper

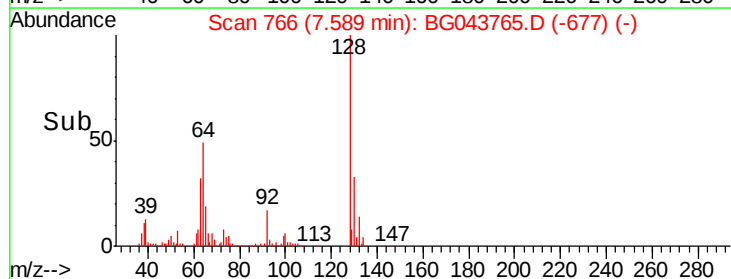
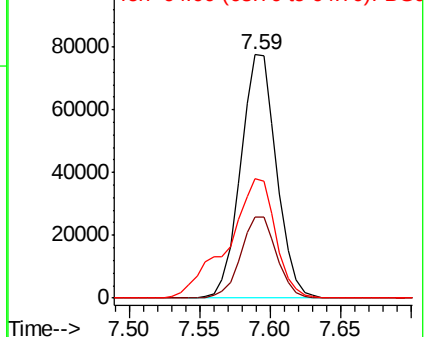
128 100

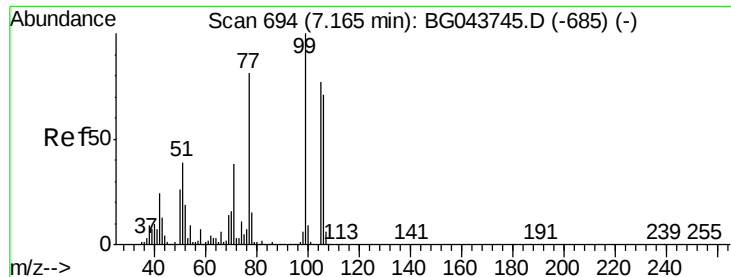
130 33.3 14.3 54.3

64 49.3 34.5 74.5



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





#9

Benzaldehyde

Concen: 15.782 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

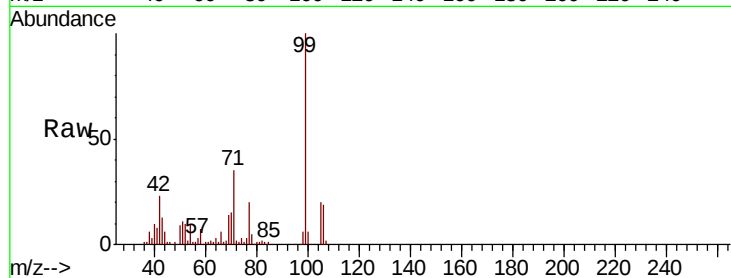
Tot Ion: 77 Resp: 26894

Ion Ratio Lower Upper

77 100

105 100.0 75.0 115.0

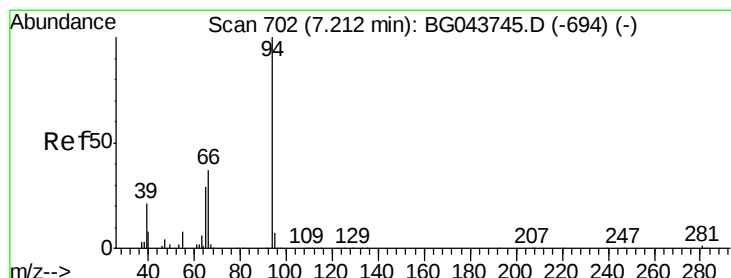
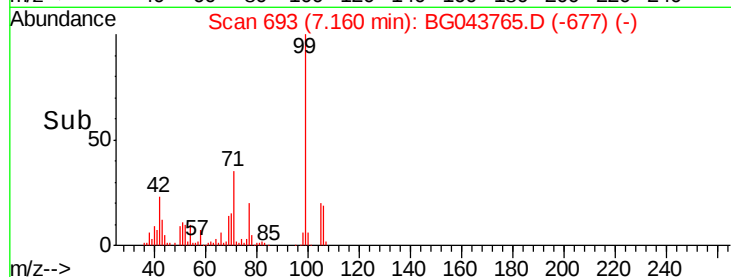
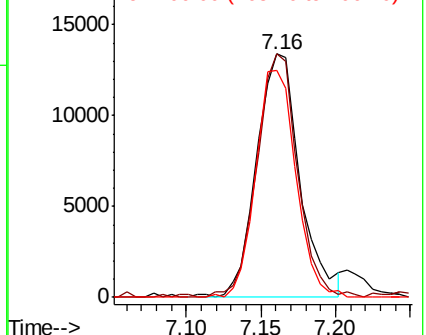
106 93.2 67.4 107.4



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: 67.574 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

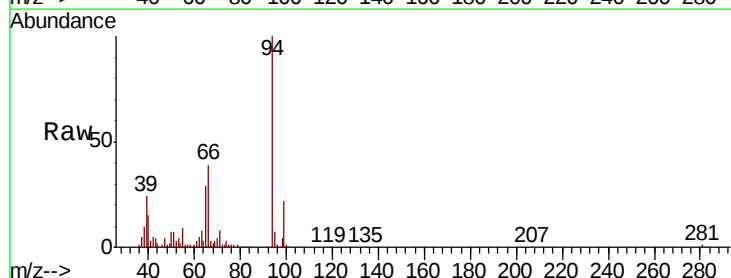
Tgt Ion: 94 Resp: 197904

Ion Ratio Lower Upper

94 100

65 29.1 10.3 50.3

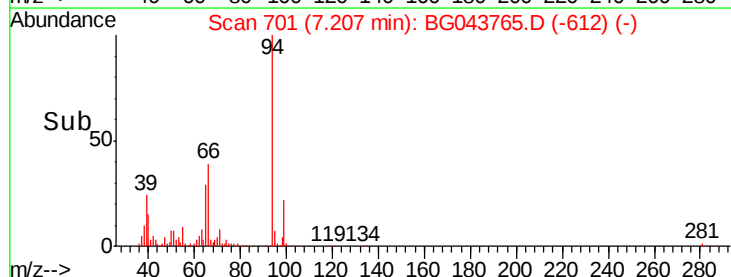
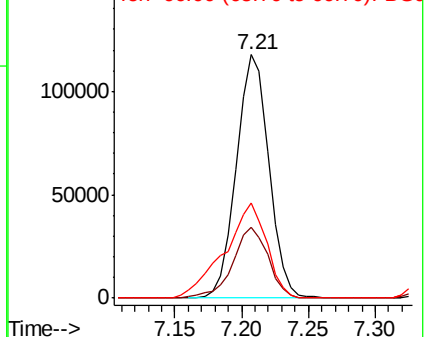
66 39.3 20.5 60.5

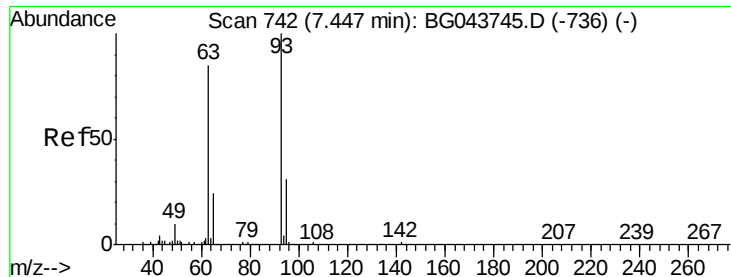


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

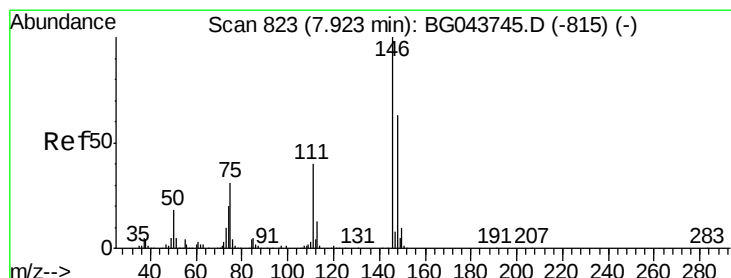
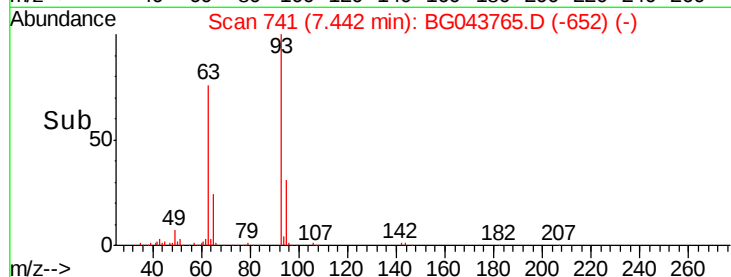
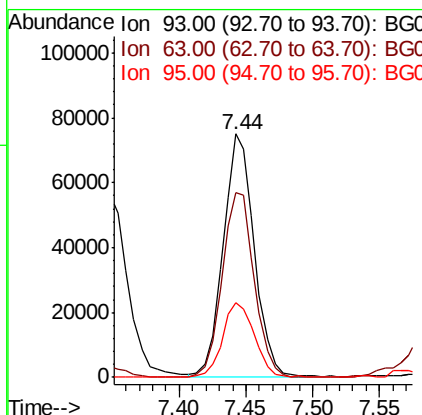
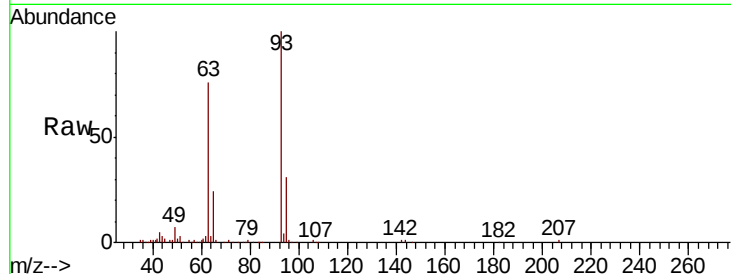




#11
bis(2-Chloroethyl)ether
Concen: 50.040 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

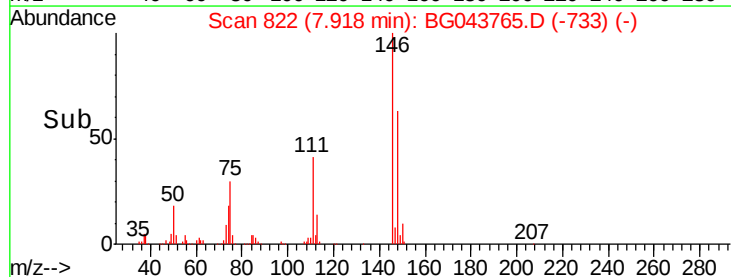
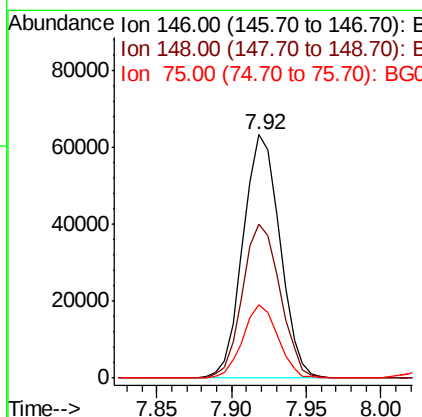
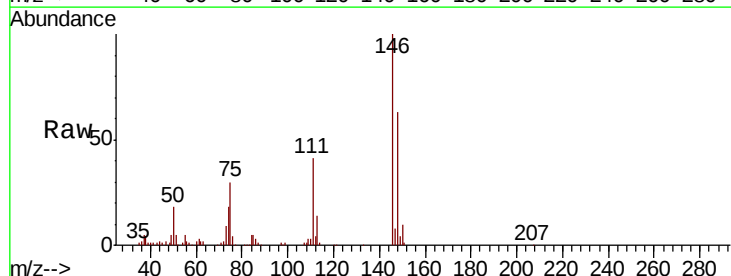
Instrument :
BNA_G
ClientSampleId :

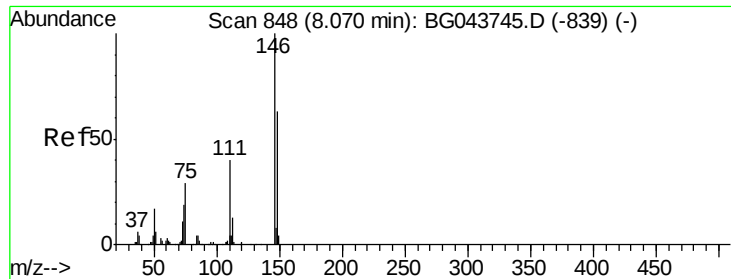
Tot Ion	93	Resp	122309
Ion Ratio	Lower	Upper	
93	100		
63	76.1	64.4	104.4
95	30.7	11.3	51.3



#12
1,3-Dichlorobenzene
Concen: 41.185 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	146	Resp	108522
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.6	75.8
75	30.2	25.2	37.8

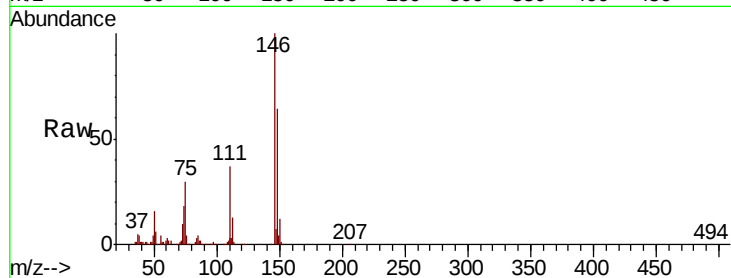




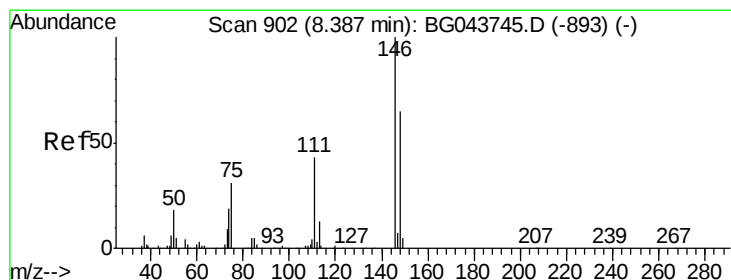
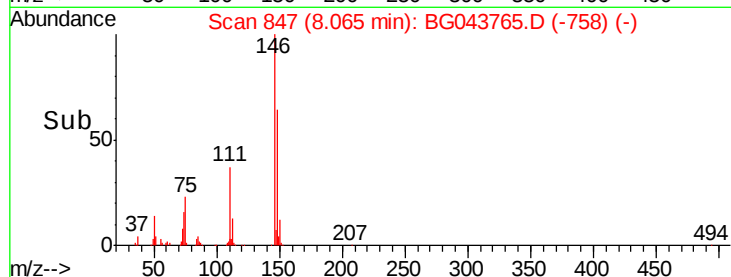
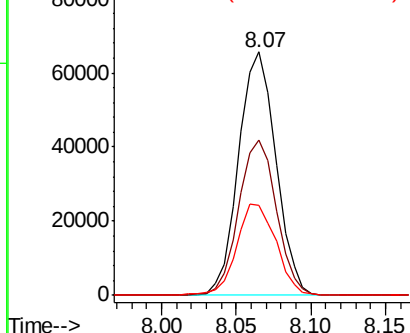
#13
 1,4-Dichlorobenzene
 Concen: 42.682 ng
 RT: 8.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 113914
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.1 75.1
 111 37.0 32.1 48.1

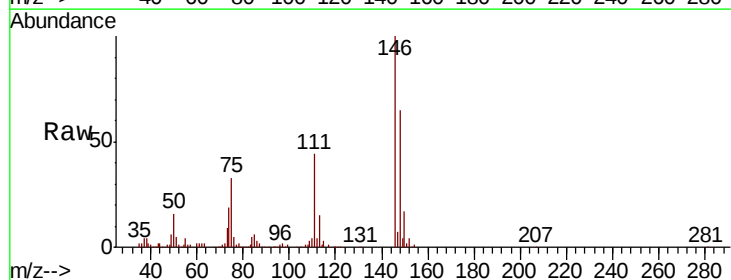


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

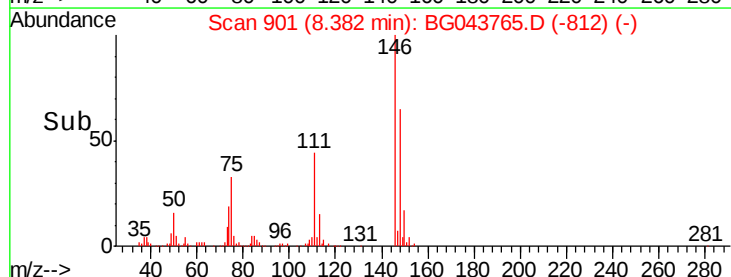
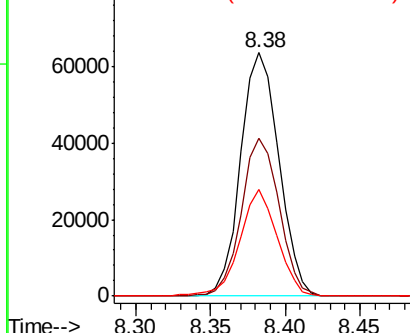


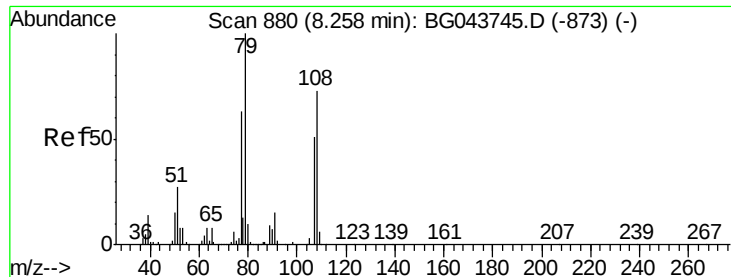
#14
 1,2-Dichlorobenzene
 Concen: 44.751 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion:146 Resp: 113010
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.1 78.1
 111 44.0 34.7 52.1



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





#15

Benzyl Alcohol

Concen: 65.026 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

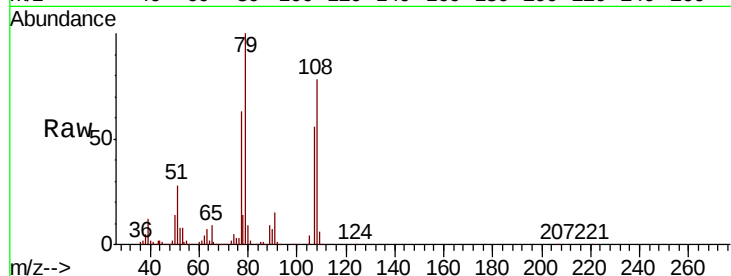
Tot Ion: 79 Resp: 154948

Ion Ratio Lower Upper

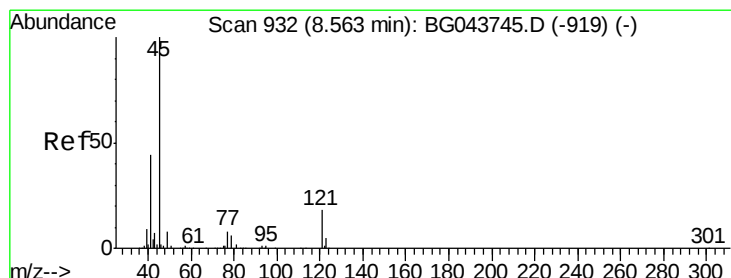
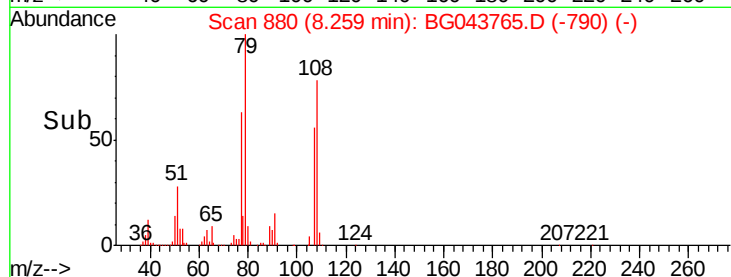
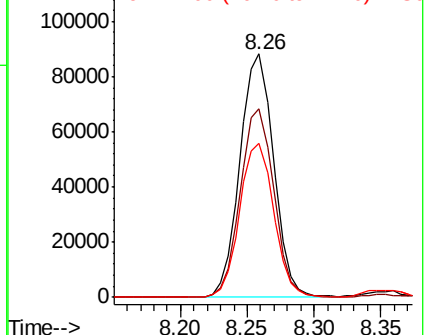
79 100

108 77.6 58.2 87.2

77 63.1 50.2 75.4



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: 46.135 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

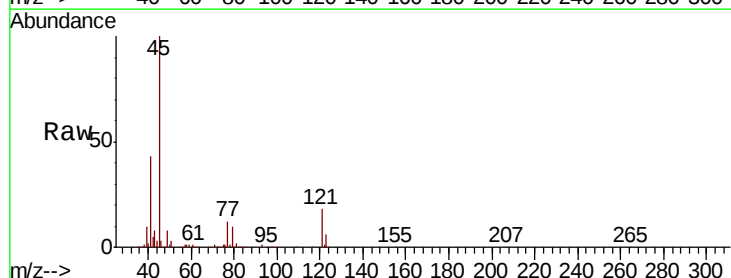
Tgt Ion: 45 Resp: 193929

Ion Ratio Lower Upper

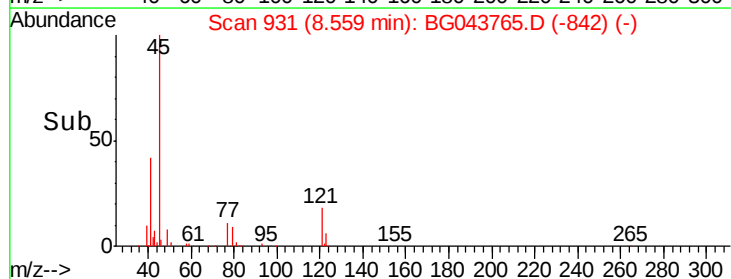
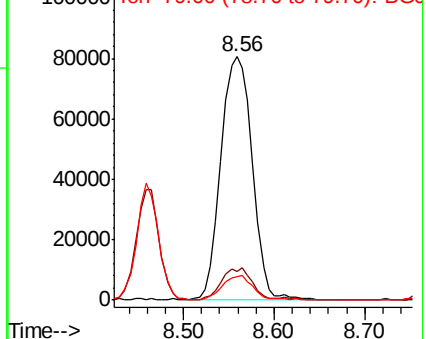
45 100

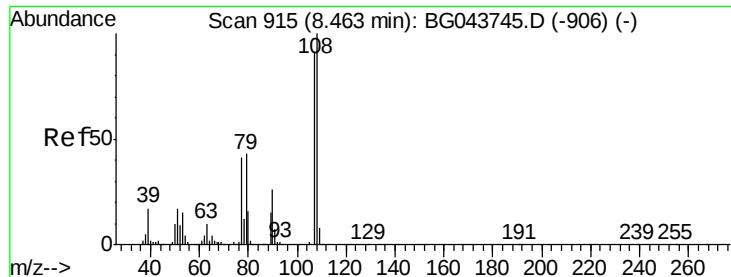
77 11.7 0.0 32.2

79 9.7 0.0 29.9



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: 67.651 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 141655

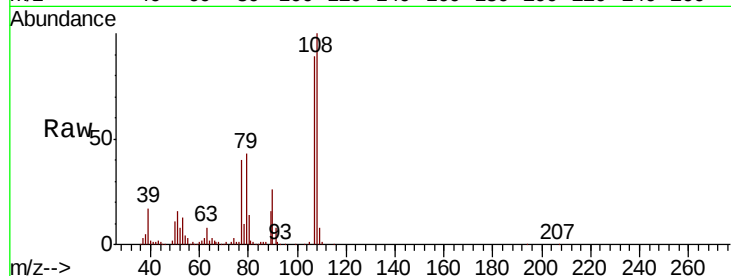
Ion Ratio Lower Upper

107 100

108 111.9 88.0 132.0

77 45.0 35.9 53.9

79 48.1 38.2 57.2

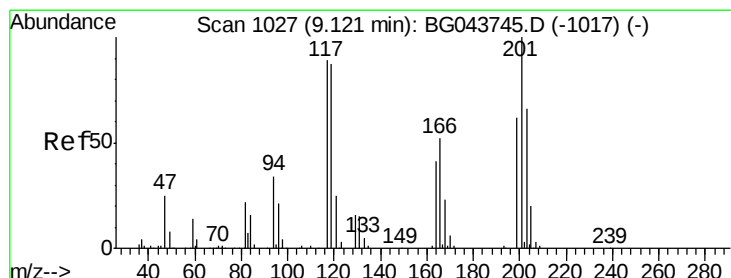
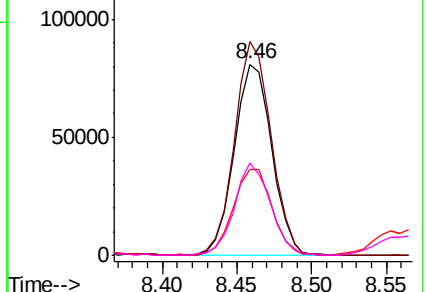
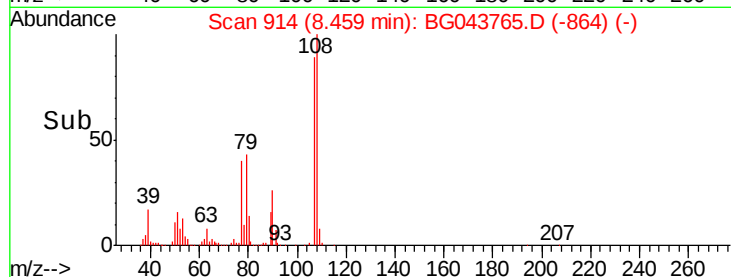


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.478 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

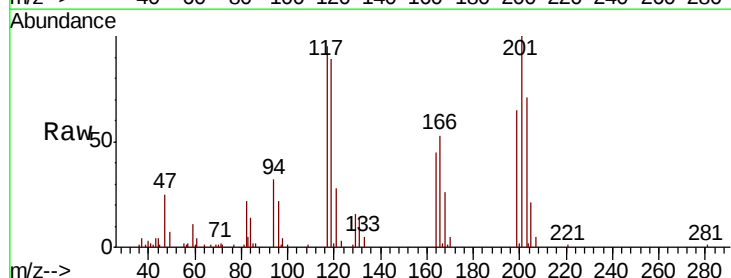
Tgt Ion:117 Resp: 38767

Ion Ratio Lower Upper

117 100

119 93.5 77.7 116.5

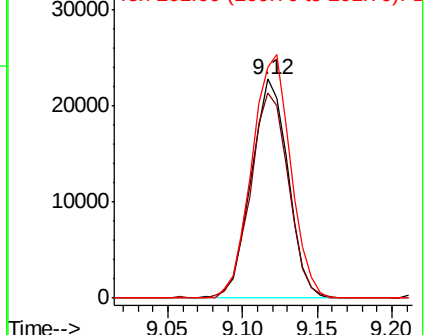
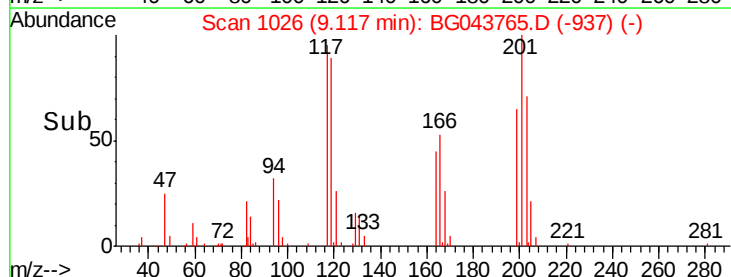
201 105.5 89.4 134.0

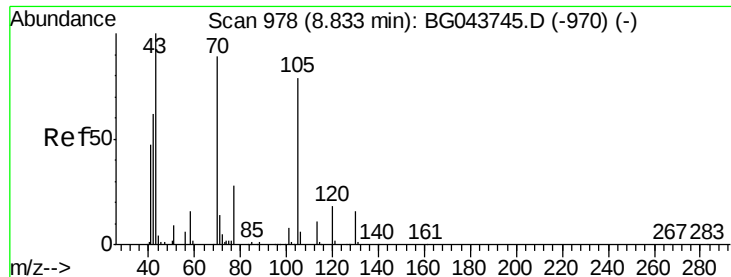


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

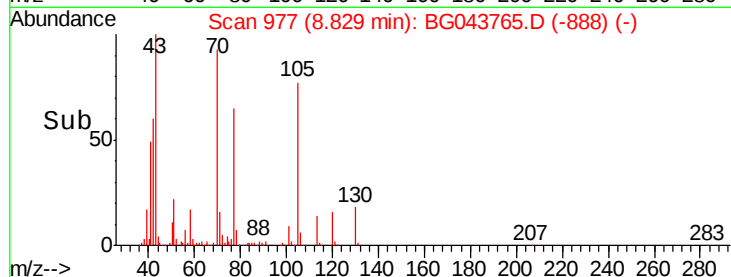
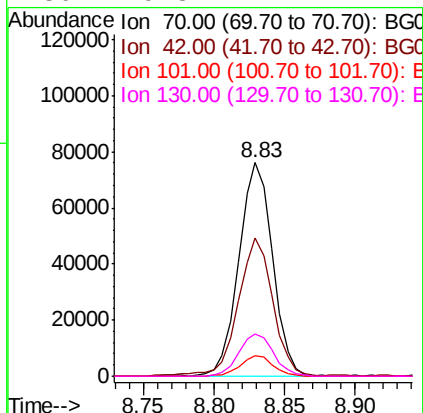
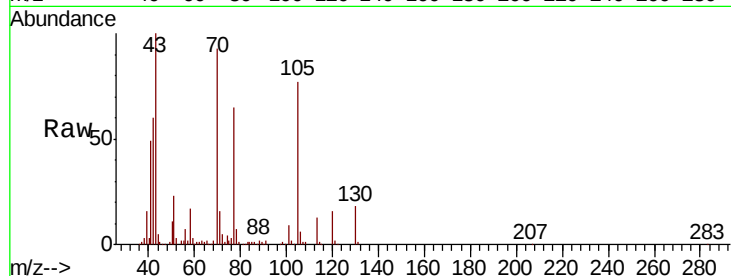




#19
n-Nitroso-di-n-propylamine
Concen: 56.624 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

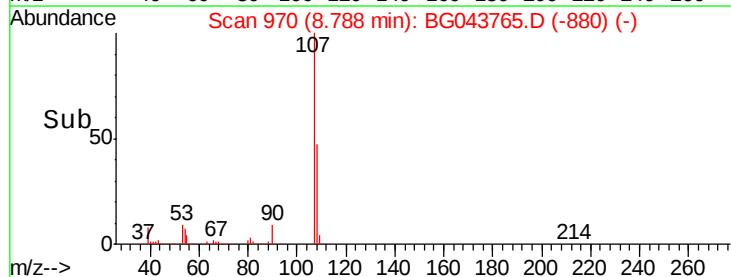
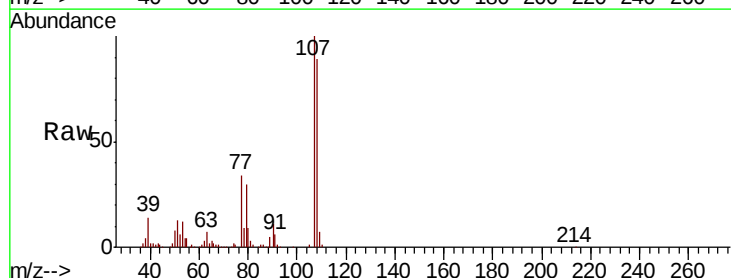
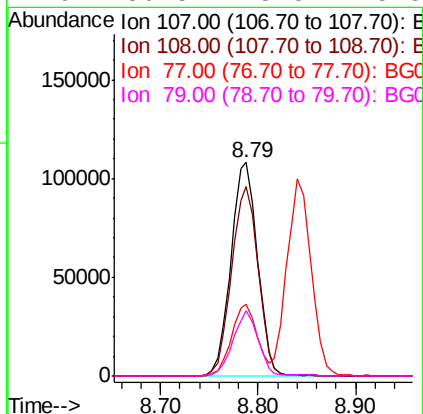
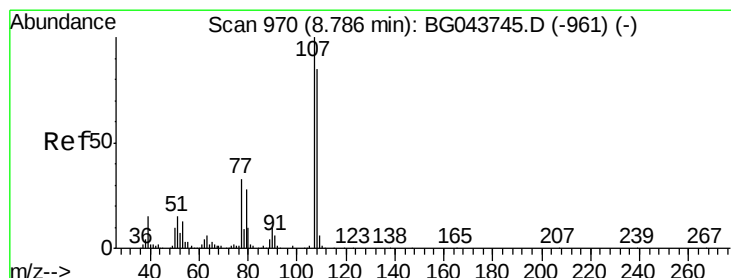
Instrument :
BNA_G
ClientSampleId :

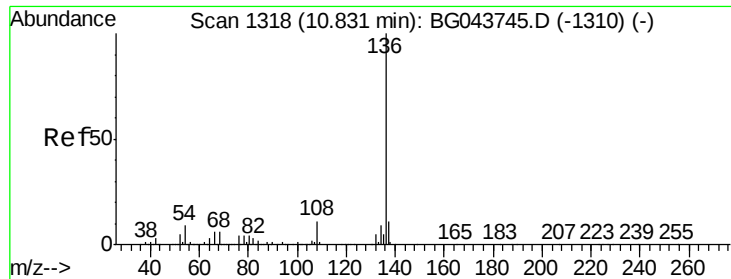
Tot Ion:	70	Resp:	127035
Ion	Ratio	Lower	Upper
70	100		
42	64.6	56.4	84.6
101	9.3	6.7	10.1
130	19.8	14.7	22.1



#20
3+4-Methylphenols
Concen: 70.193 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion:	107	Resp:	205050
Ion	Ratio	Lower	Upper
107	100		
108	88.5	64.6	104.6
77	33.5	13.7	53.7
79	30.5	8.5	48.5

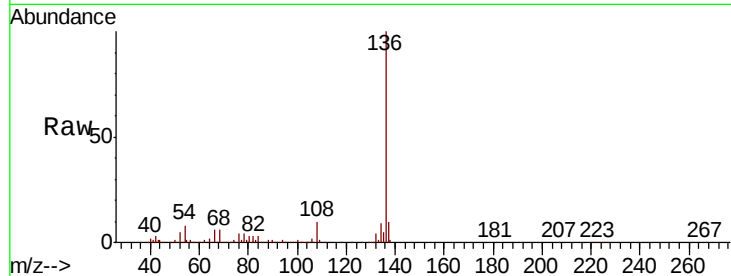




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	192790
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.8 13.2
54	8.1	7.5 11.3
68	5.8	4.9 7.3



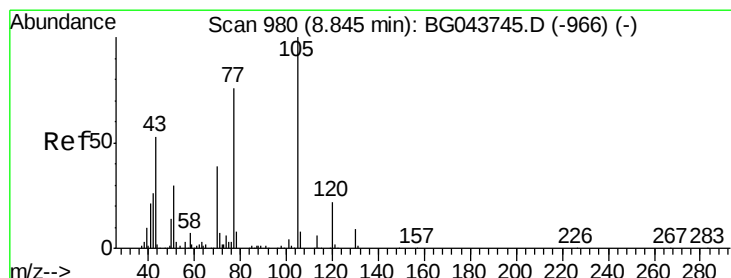
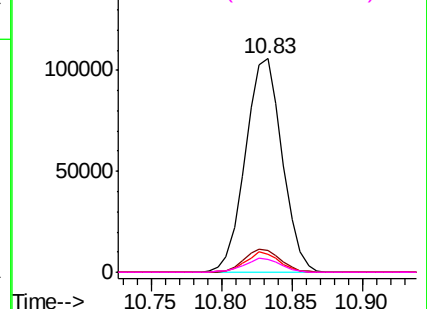
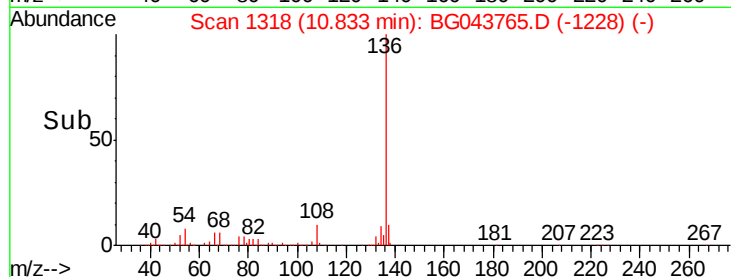
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

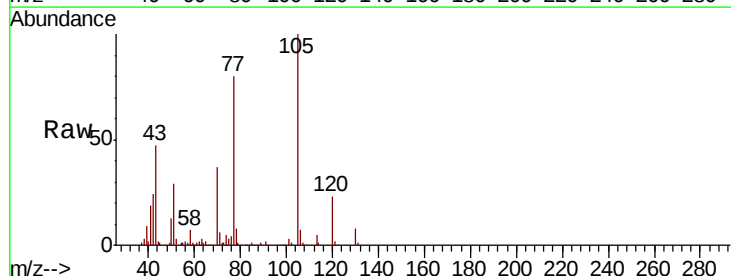
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.655 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion:105	Resp:	217956
Ion Ratio	Lower	Upper
105	100	
71	5.9	6.3 9.5#
51	28.8	24.7 37.1
120	23.1	17.7 26.5



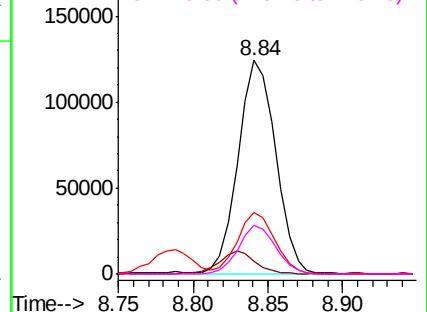
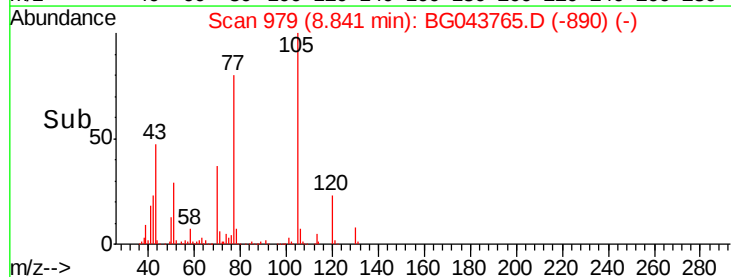
Abundance

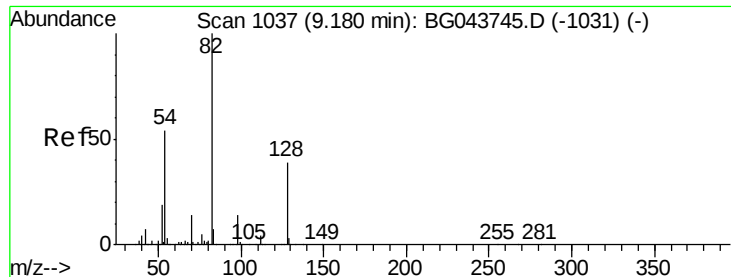
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

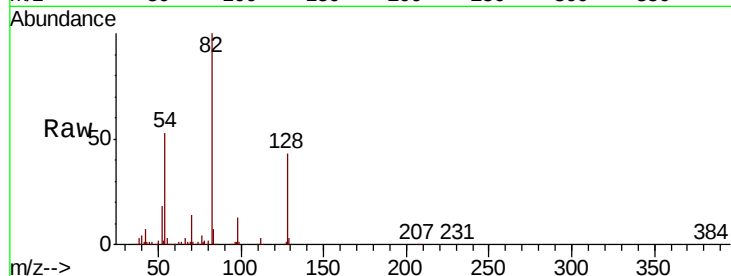




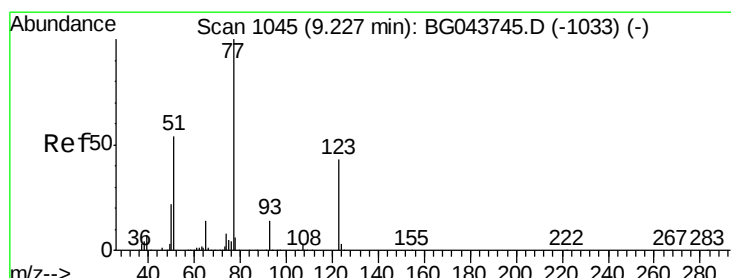
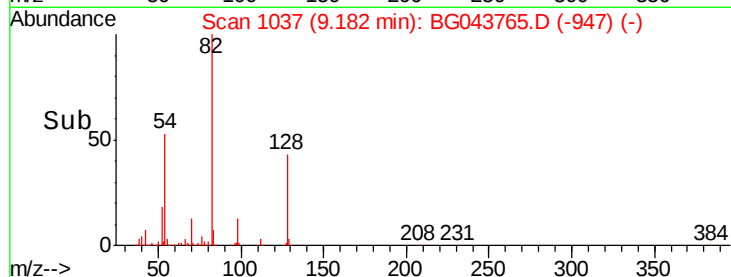
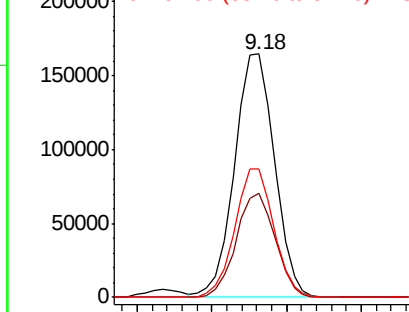
#23
Nitrobenzene-d5
Concen: 87.402 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	306467
Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.3	46.9
54	52.9	42.7	64.1

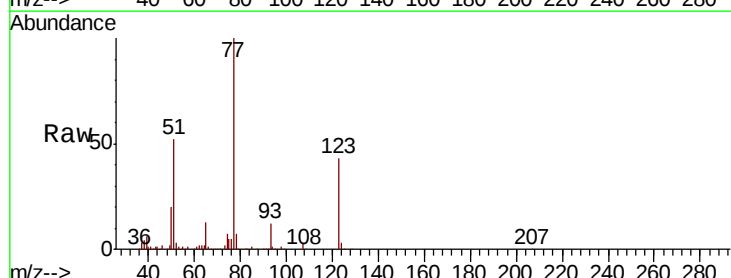


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

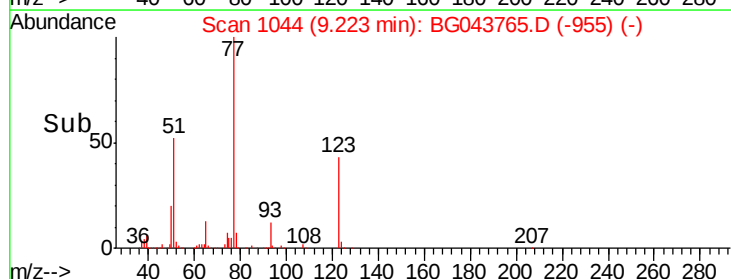
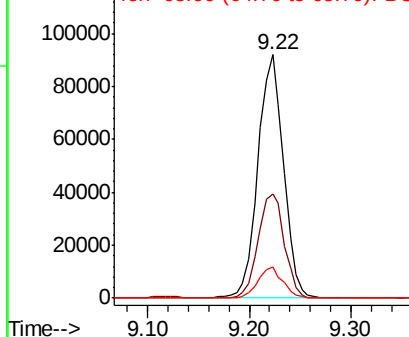


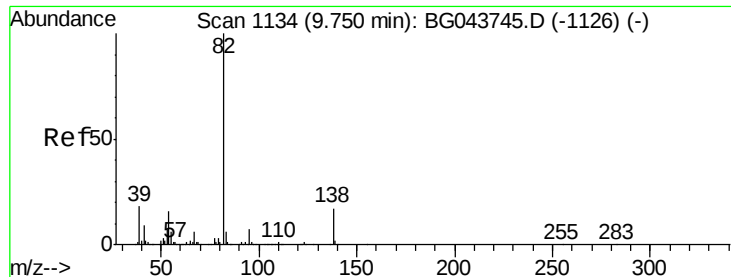
#24
Nitrobenzene
Concen: 44.728 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	77	Resp	161207
Ion	Ratio	Lower	Upper
77	100		
123	43.0	34.7	52.1
65	12.9	11.0	16.6



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





#25

Isophorone

Concen: 50.872 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

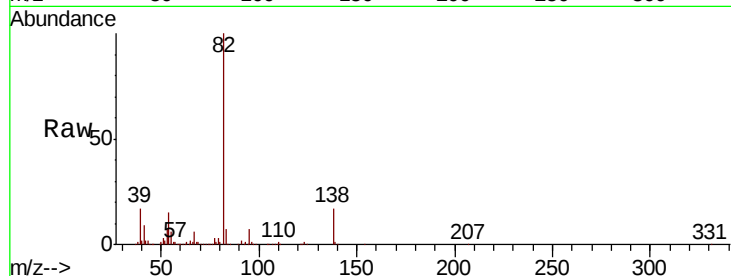
Tot Ion: 82 Resp: 382484

Ion Ratio Lower Upper

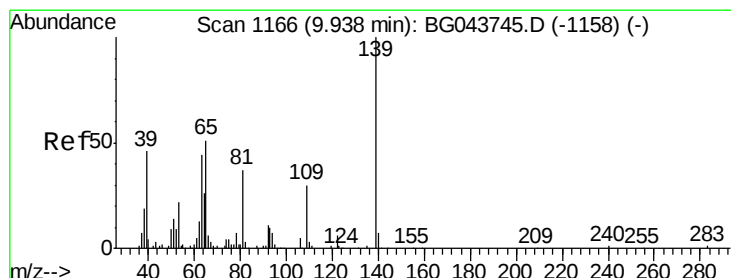
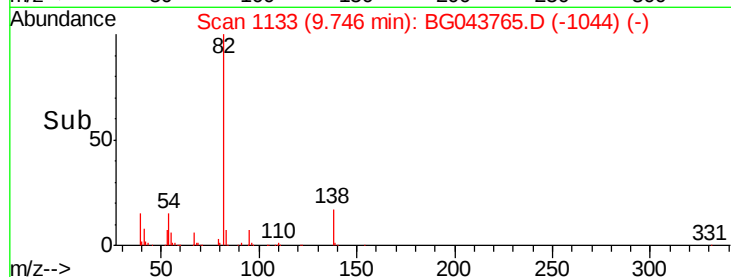
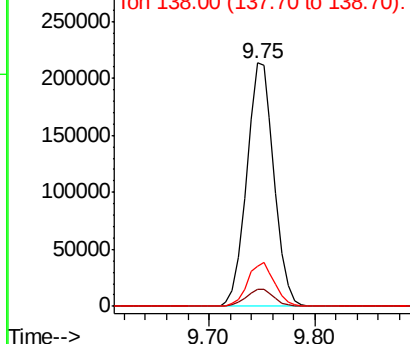
82 100

95 6.8 5.9 8.9

138 16.6 13.3 19.9



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



#26

2-Nitrophenol

Concen: 53.296 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

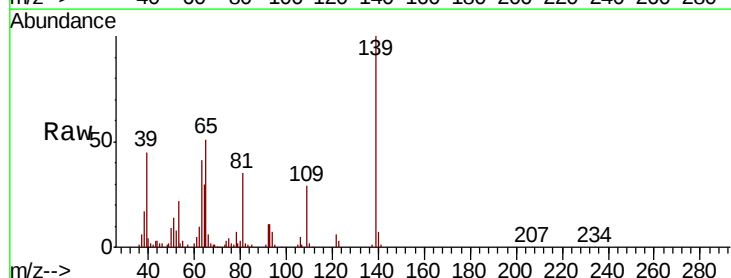
Tgt Ion: 139 Resp: 69303

Ion Ratio Lower Upper

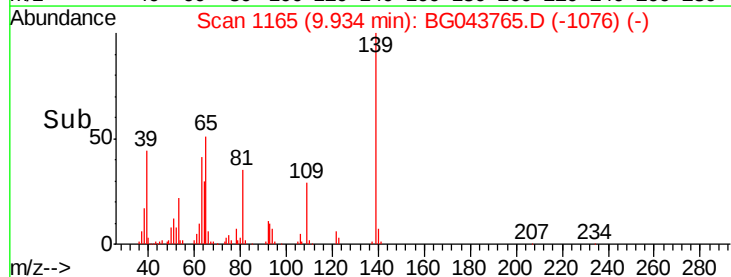
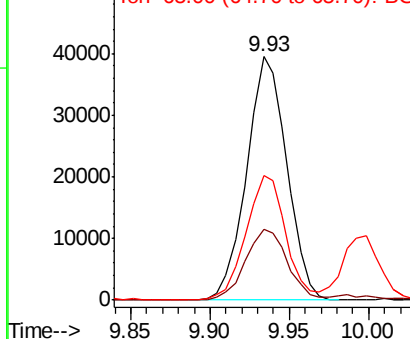
139 100

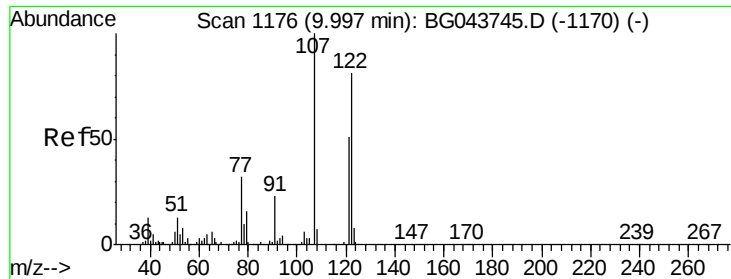
109 29.0 24.1 36.1

65 50.9 41.1 61.7



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

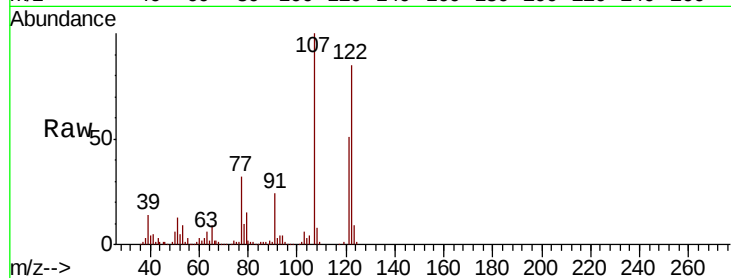




#27
 2,4-Dimethylphenol
 Concen: 66.044 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.7	98.5	147.7
121	60.1	49.6	74.4

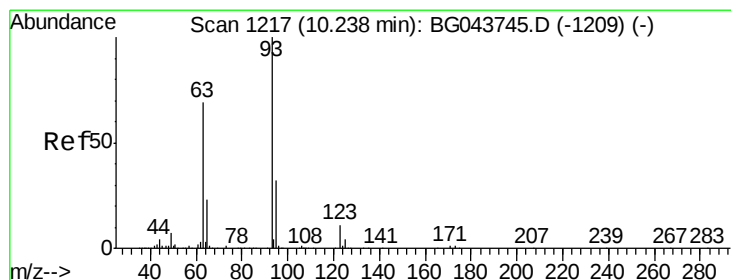
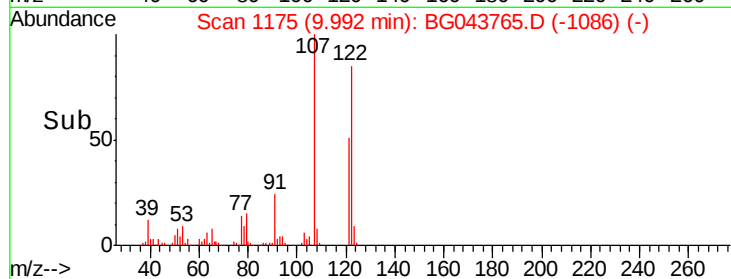
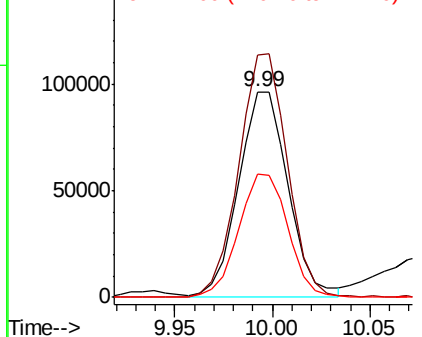


Abundance

Ion 122.00 (121.70 to 122.70): E

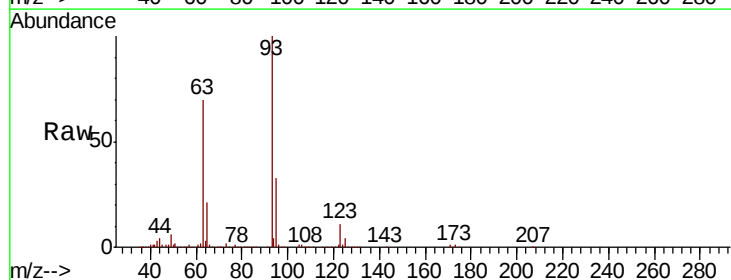
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.413 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	10.8	8.7	13.1

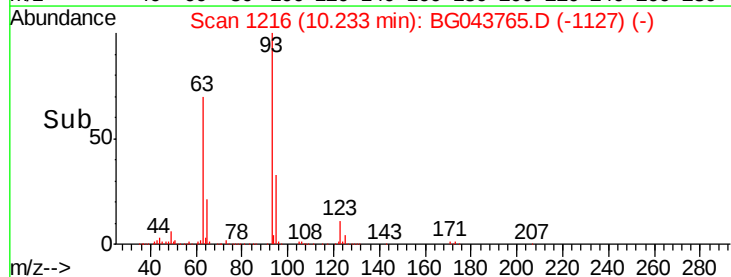
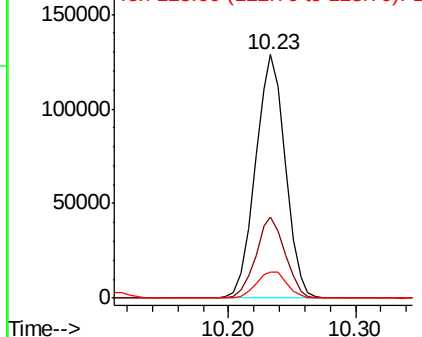


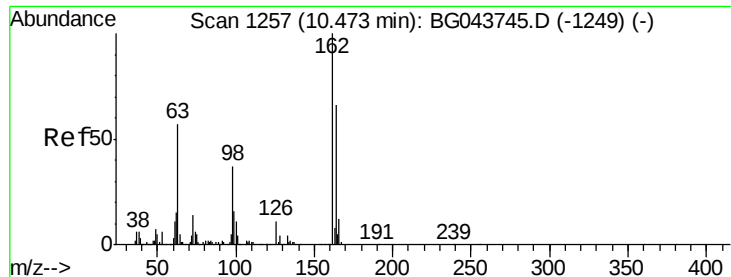
Abundance

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: 58.364 ng

RT: 10.47 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

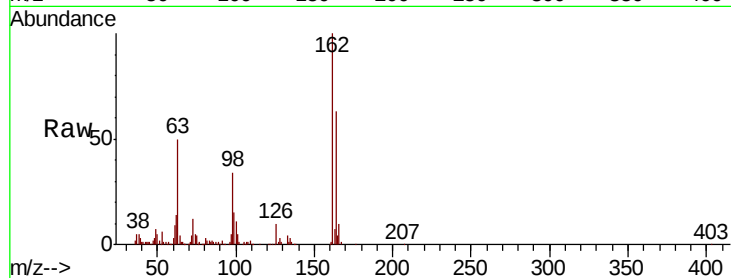
Tot Ion:162 Resp: 181165

Ion Ratio Lower Upper

162 100

164 62.7 46.4 86.4

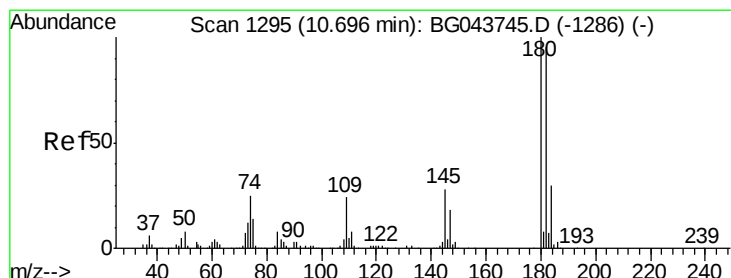
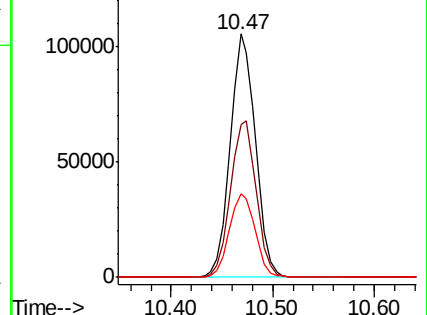
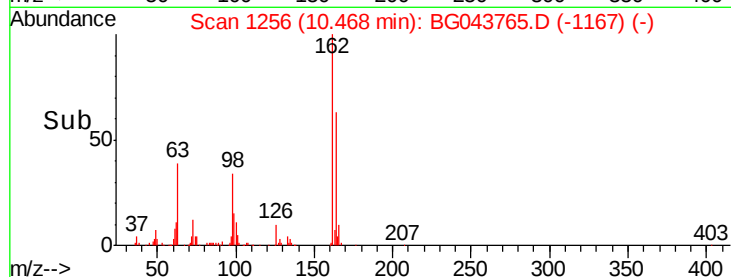
98 34.2 17.3 57.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 40.555 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

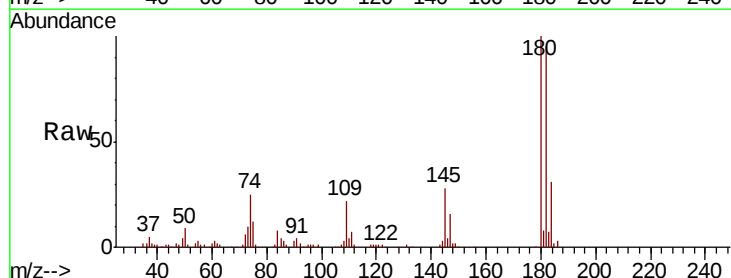
Tgt Ion:180 Resp: 147518

Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.6

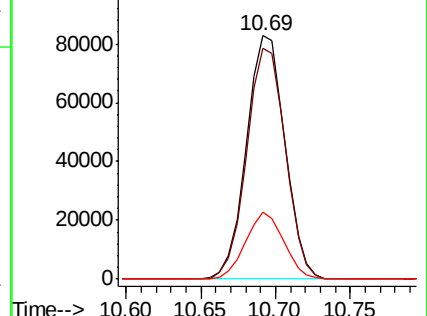
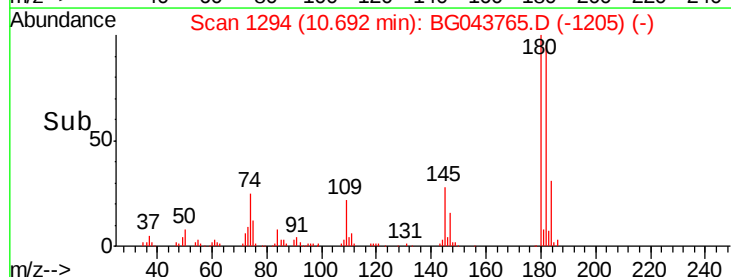
145 27.5 22.5 33.7

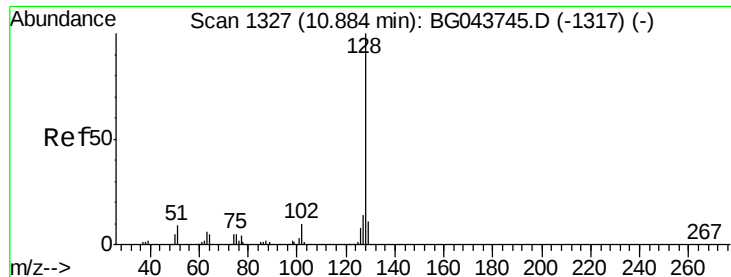


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

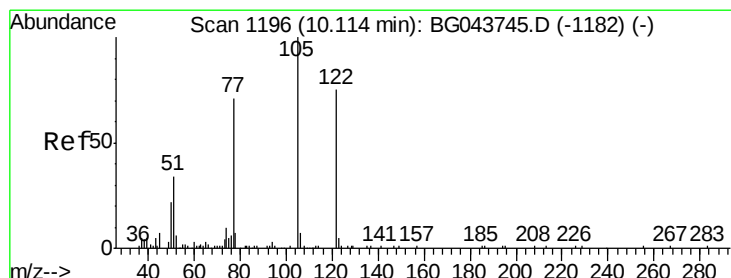
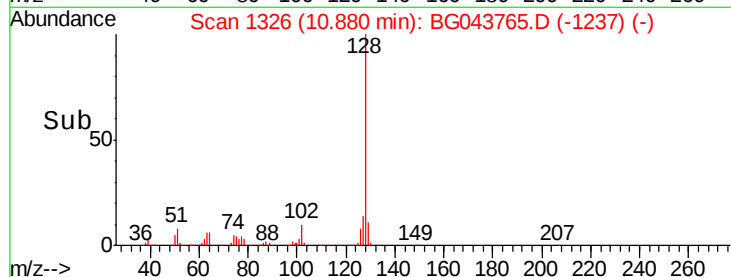
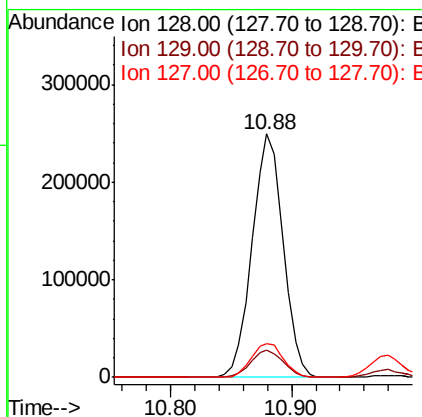
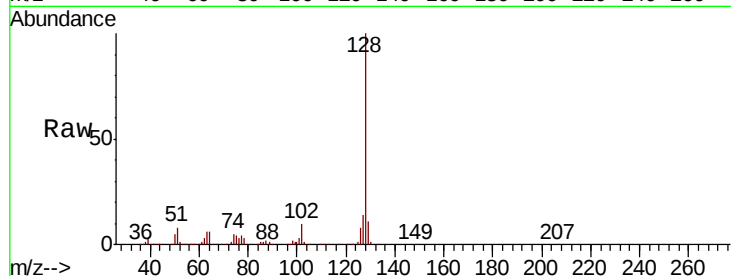




#31
Naphthalene
Concen: 46.477 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

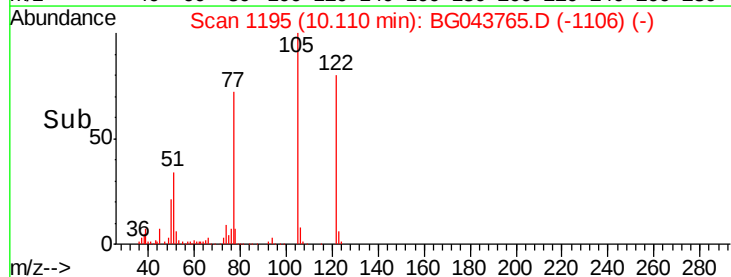
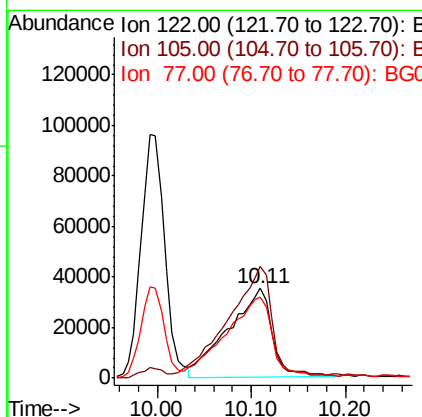
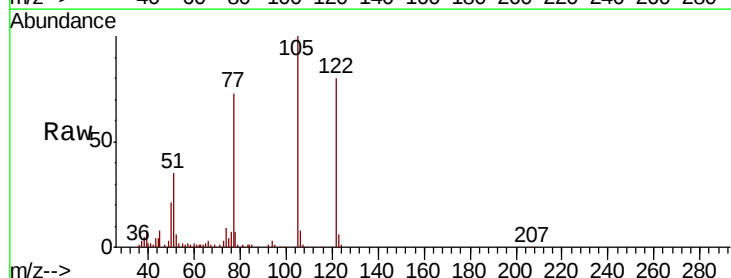
Instrument :
BNA_G
ClientSampleId :

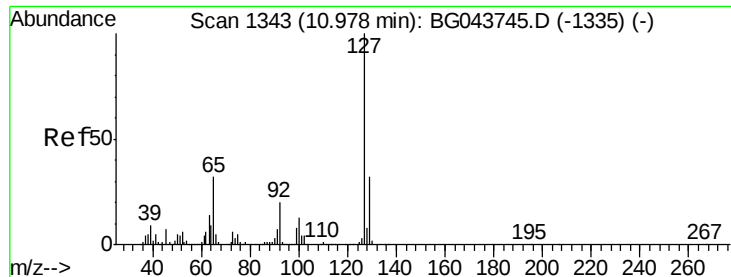
Tot Ion:128 Resp: 444482
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.9 11.4 17.0



#32
Benzoic acid
Concen: 61.062 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion:122 Resp: 112435
Ion Ratio Lower Upper
122 100
105 124.6 109.3 149.3
77 90.4 76.1 116.1

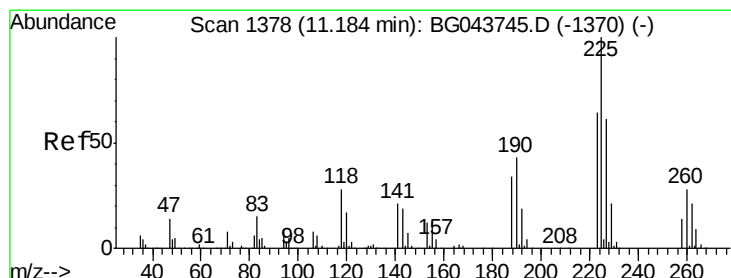
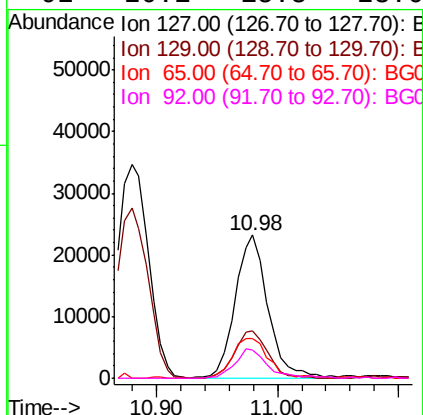
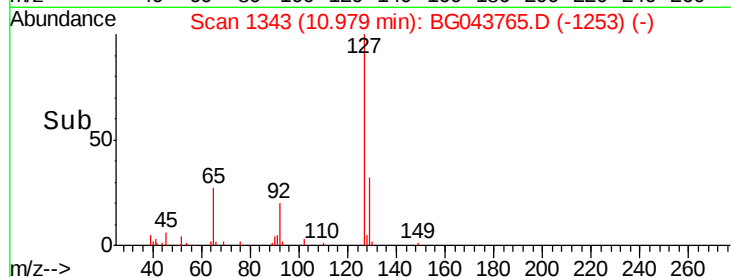
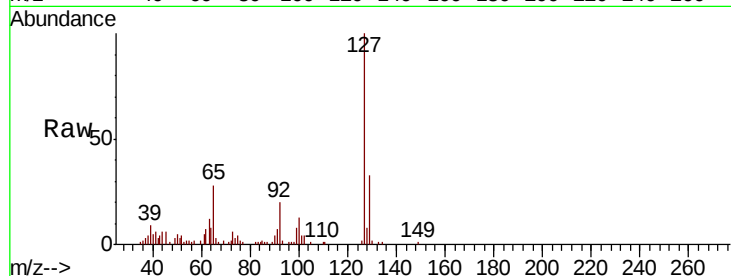




#33
4-Chloroaniline
Concen: 9.521 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

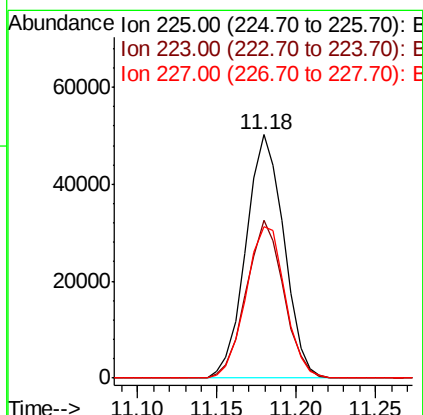
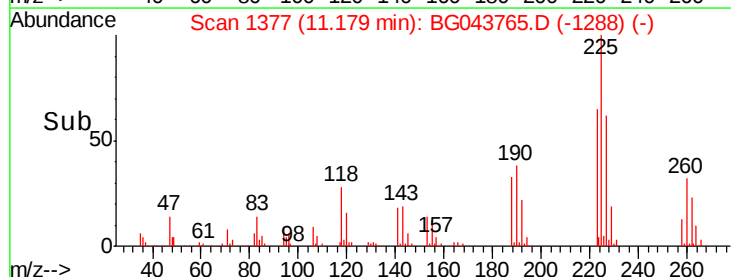
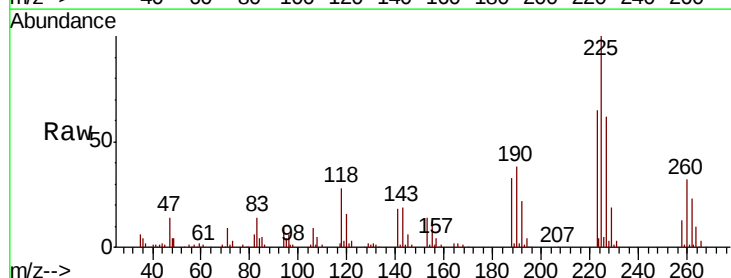
Instrument :
BNA_G
ClientSampled :

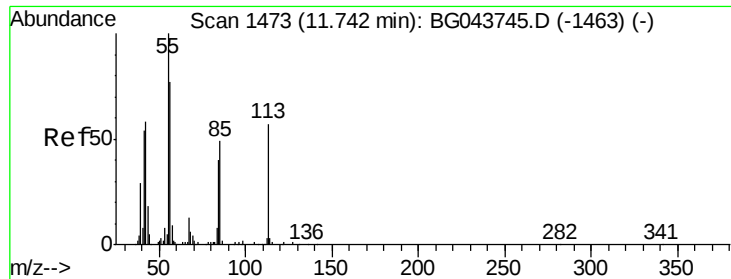
Tot Ion:127 Resp: 43871
Ion Ratio Lower Upper
127 100
129 33.3 25.9 38.9
65 27.5 25.8 38.8
92 20.1 15.8 23.6



#34
Hexachlorobutadiene
Concen: 35.063 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion:225 Resp: 83866
Ion Ratio Lower Upper
225 100
223 64.7 51.2 76.8
227 65.2 51.0 76.4





#35

Caprolactam

Concen: 30.364 ng

RT: 11.74 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

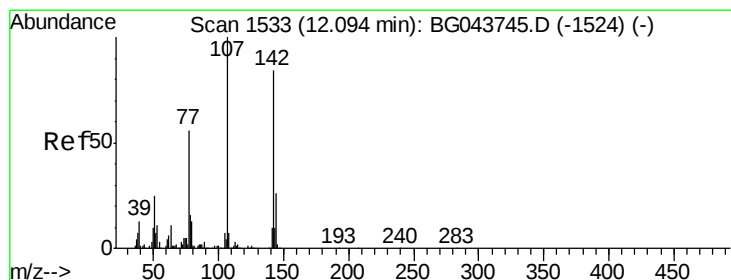
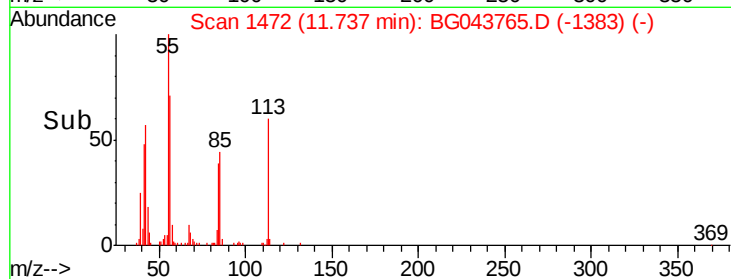
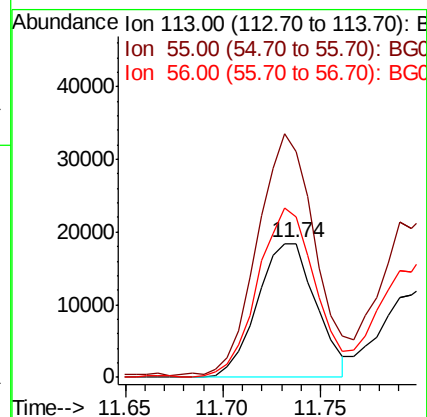
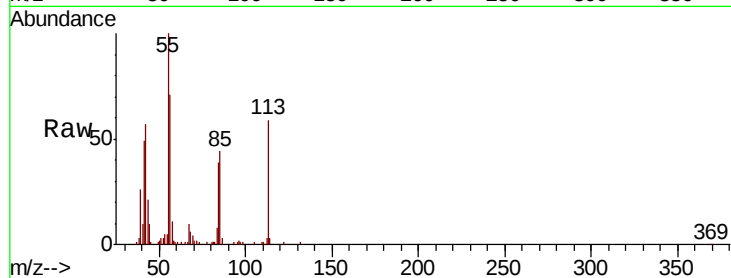
Tot Ion:113 Resp: 38325

Ion Ratio Lower Upper

113 100

55 168.5 160.9 200.9

56 119.7 116.8 156.8



#36

4-Chloro-3-methylphenol

Concen: 67.195 ng

RT: 12.10 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

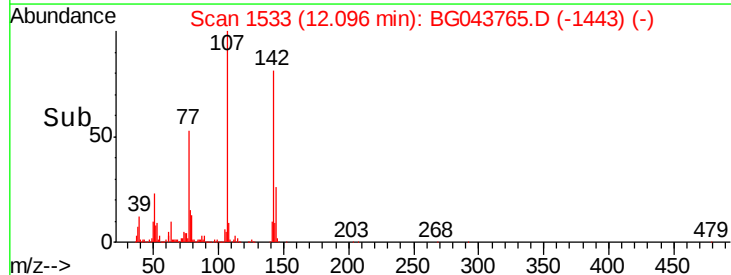
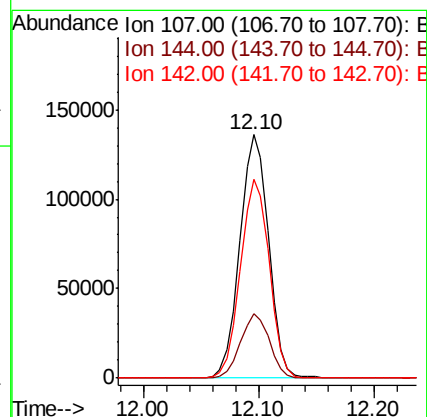
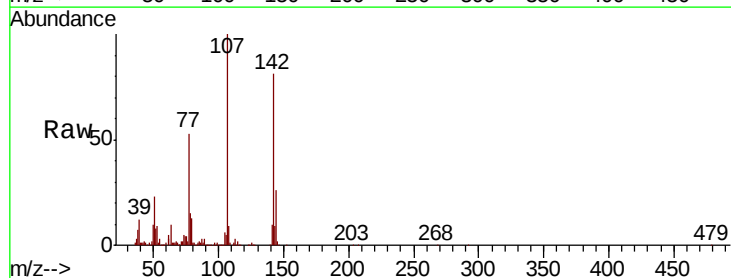
Tgt Ion:107 Resp: 234403

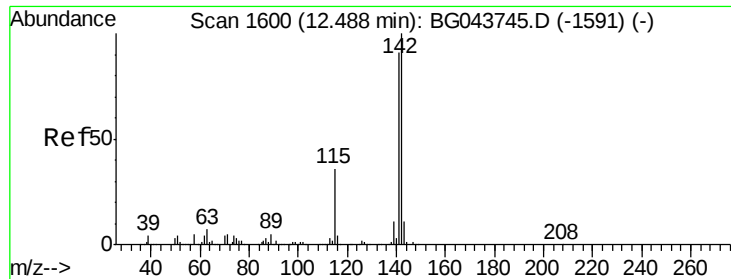
Ion Ratio Lower Upper

107 100

144 26.4 21.0 31.4

142 81.4 67.0 100.4

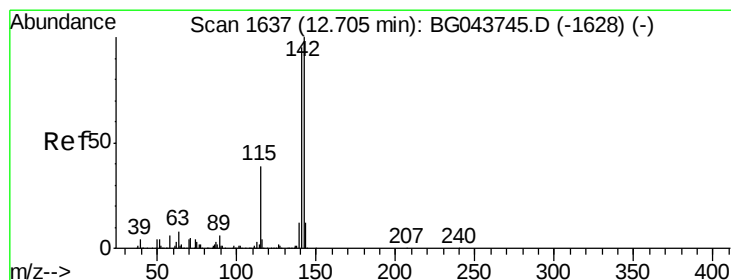
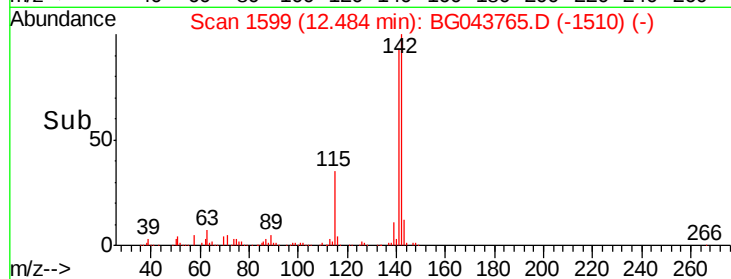
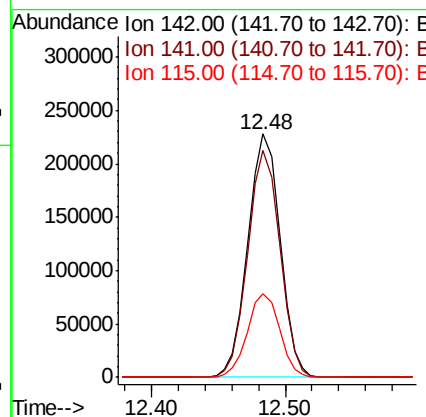
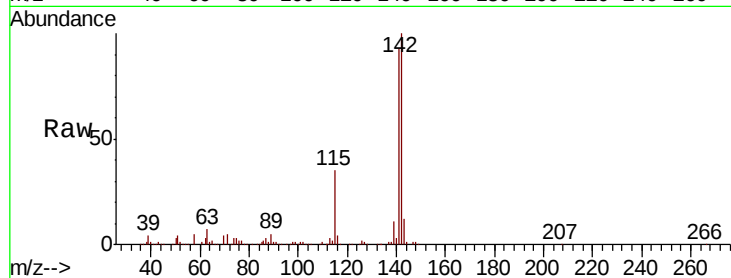




#37
 2-Methylnaphthalene
 Concen: 52.664 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

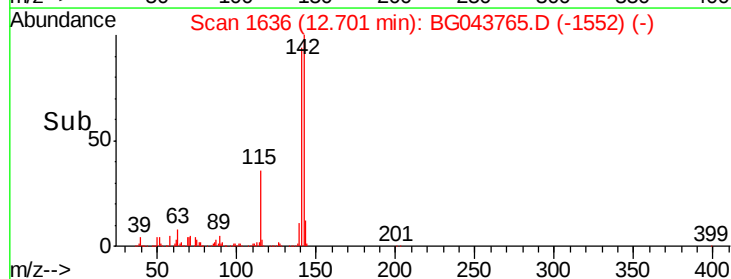
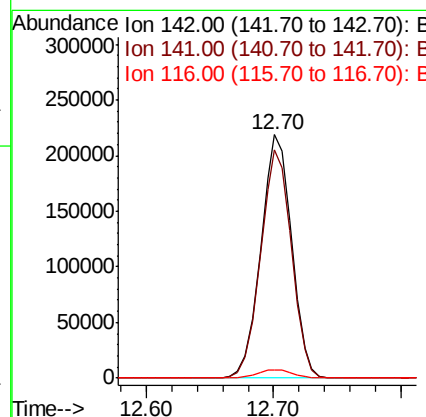
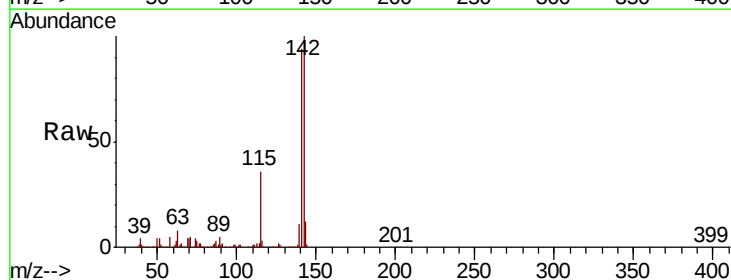
Instrument :
 BNA_G
 ClientSampleId :

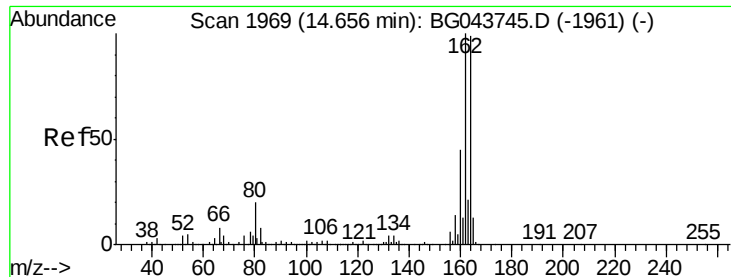
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.8	109.2
115	34.5	28.9	43.3



#38
 1-Methylnaphthalene
 Concen: 53.868 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.8	113.8
116	3.4	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

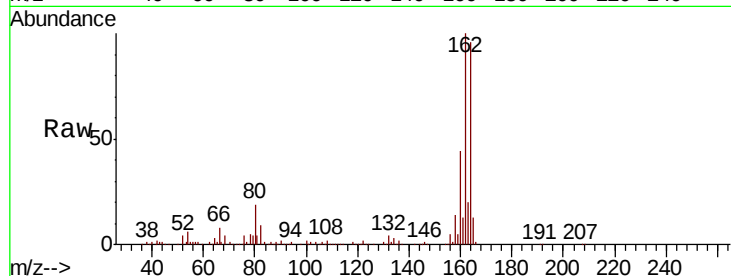
Tot Ion:164 Resp: 185638

Ion Ratio Lower Upper

164 100

162 103.9 80.6 121.0

160 46.1 36.3 54.5

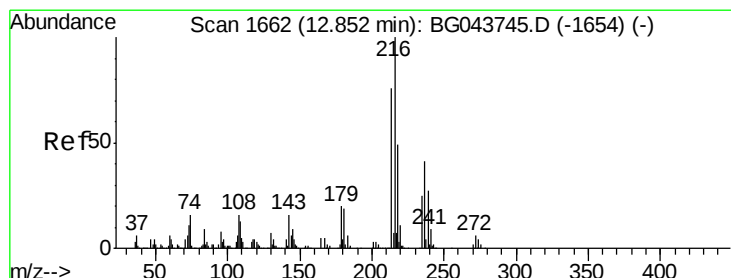
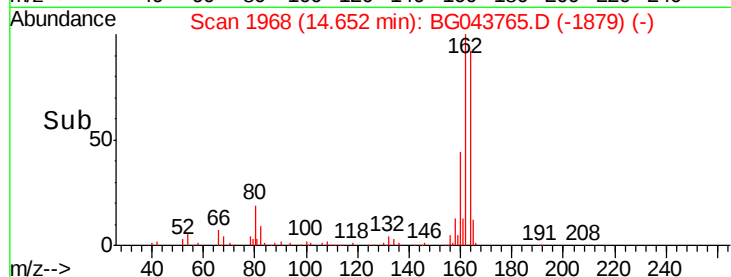
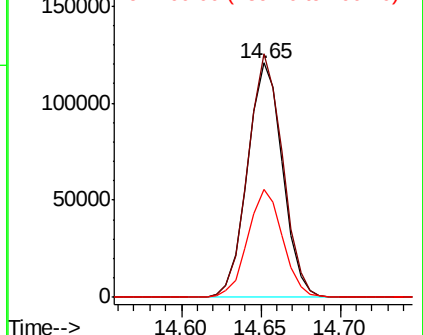


Abundance

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: 35.562 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Tgt Ion:216 Resp: 210065

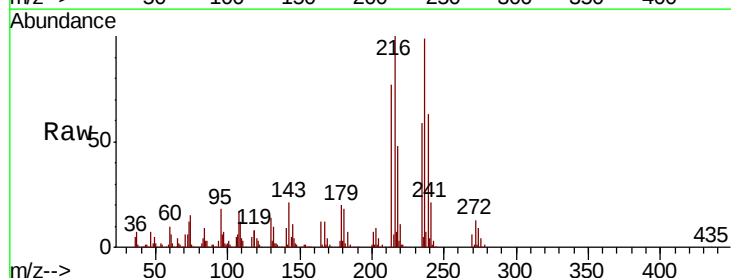
Ion Ratio Lower Upper

216 100

214 76.2 62.0 93.0

179 19.5 16.3 24.5

108 18.0 13.0 19.6



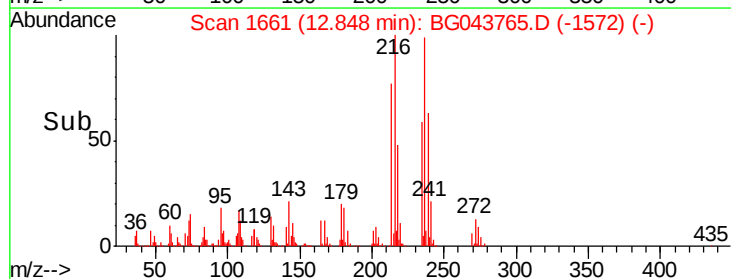
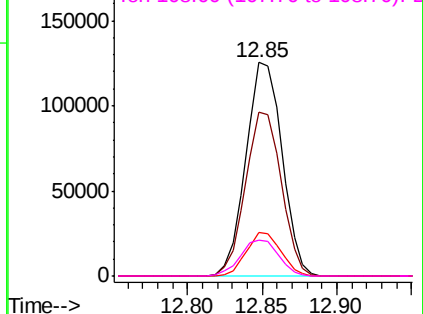
Abundance

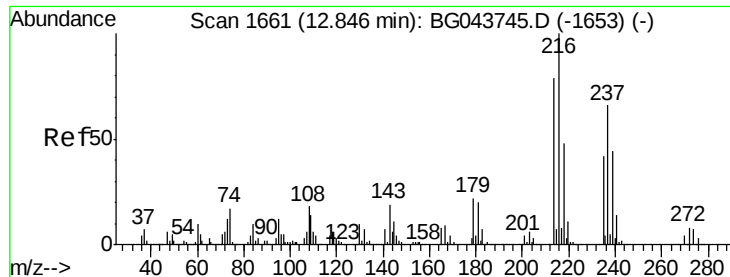
Ion 216.00 (215.70 to 216.70): E

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: 70.488 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

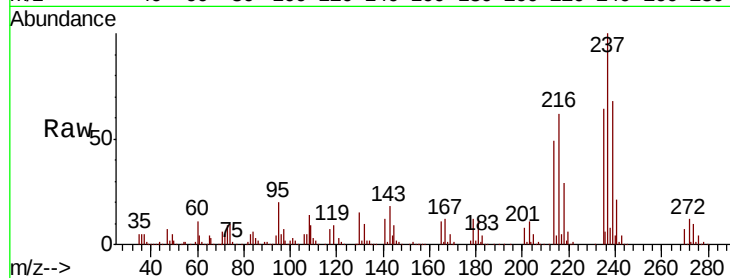
Tot Ion:237 Resp: 224957

Ion Ratio Lower Upper

237 100

235 63.8 43.8 83.8

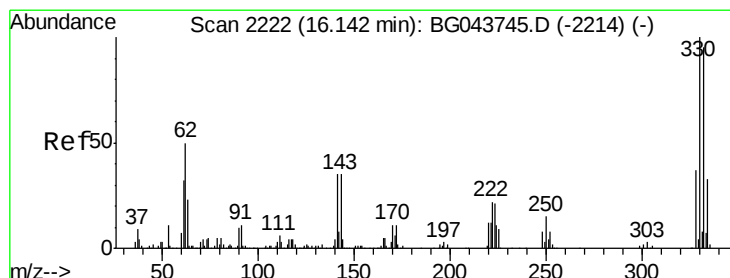
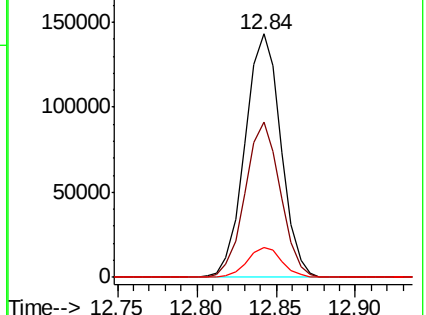
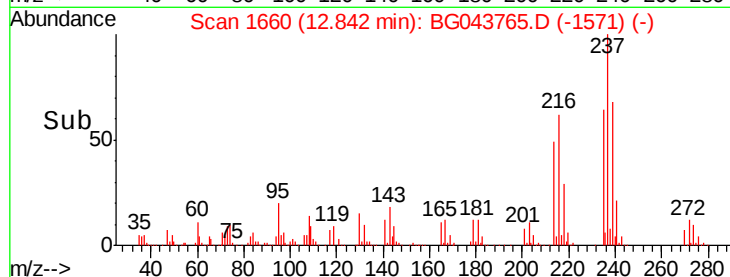
272 12.0 0.0 31.8



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: 157.981 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

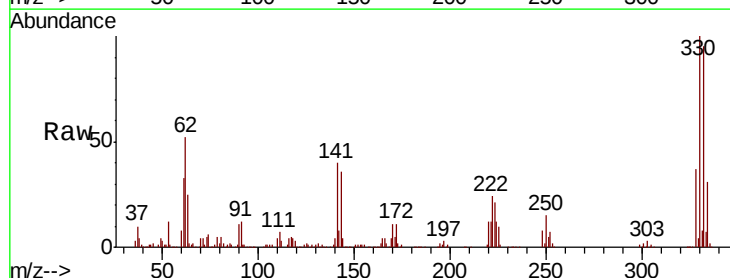
Tgt Ion:330 Resp: 353732

Ion Ratio Lower Upper

330 100

332 94.5 77.3 115.9

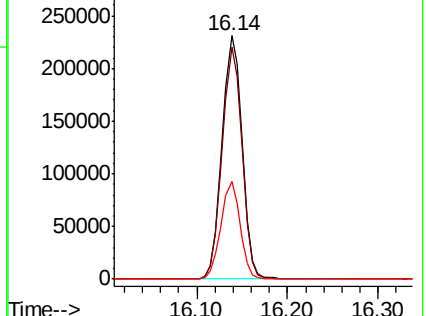
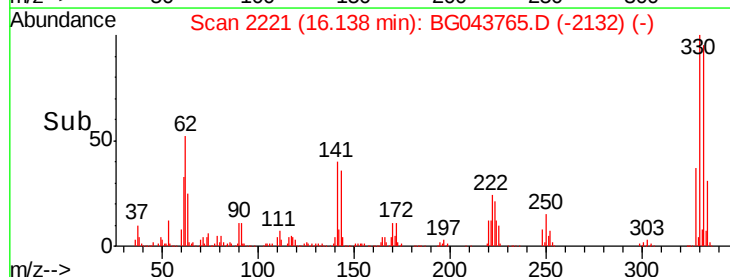
141 38.5 31.4 47.2

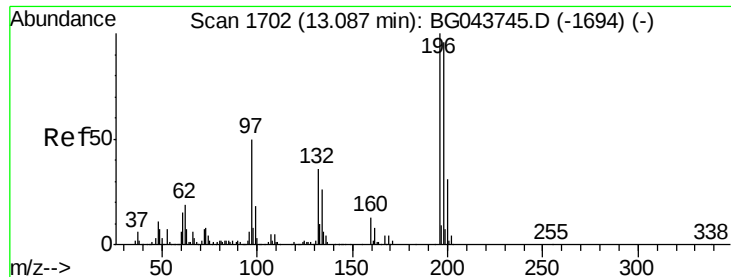


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

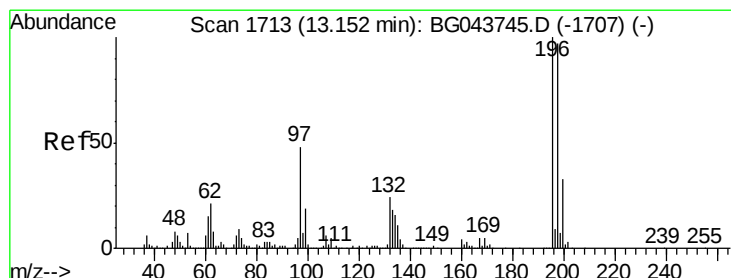
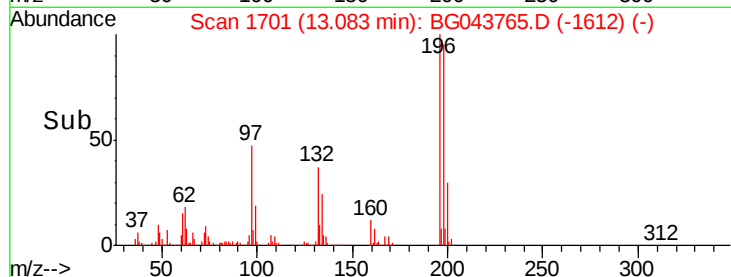
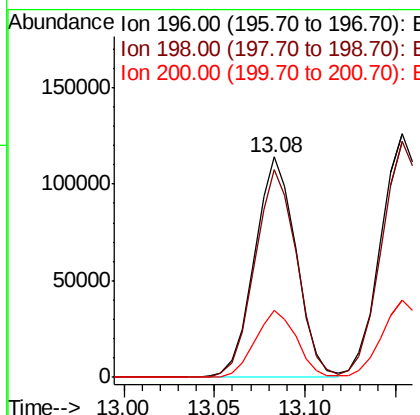
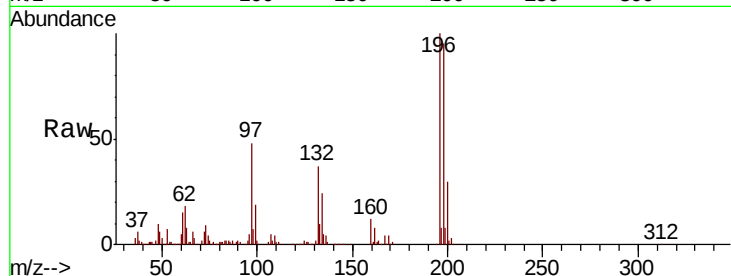




#43
 2,4,6-Trichlorophenol
 Concen: 47.694 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

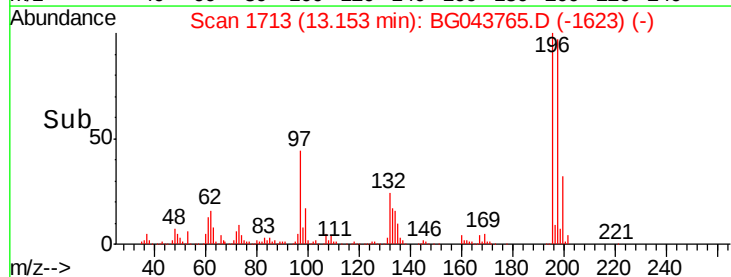
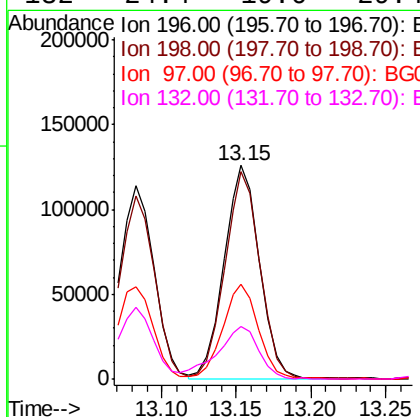
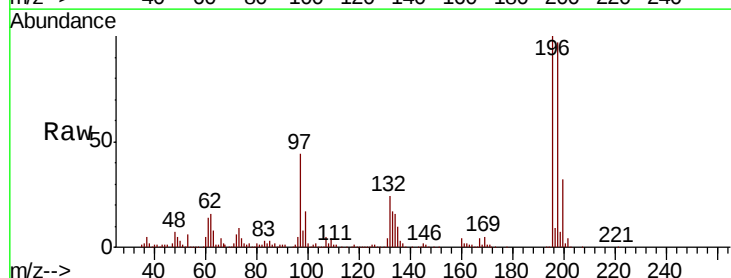
Instrument :
 BNA_G
 ClientSampleId :

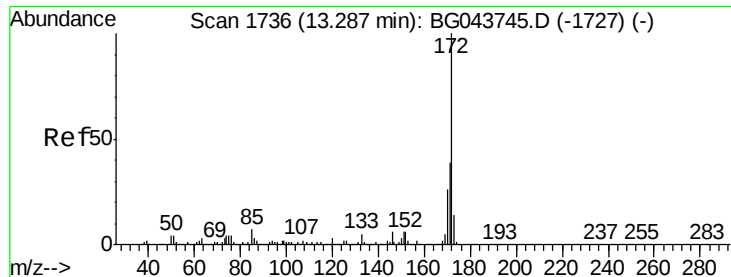
Tot Ion	196	Resp	181192
Ion Ratio	Lower	Upper	
196	100		
198	94.5	76.5	114.7
200	30.3	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 52.738 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion	196	Resp	208433
Ion Ratio	Lower	Upper	
196	100		
198	97.1	78.2	117.2
97	44.3	39.1	58.7
132	24.4	19.6	29.4

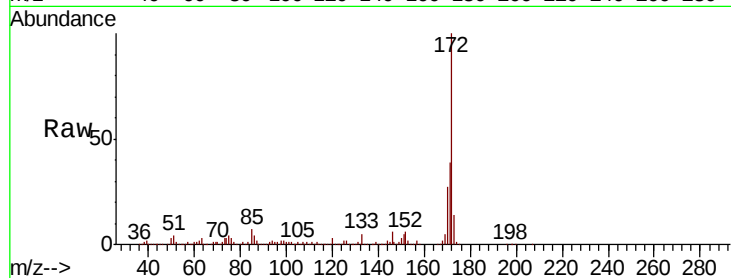




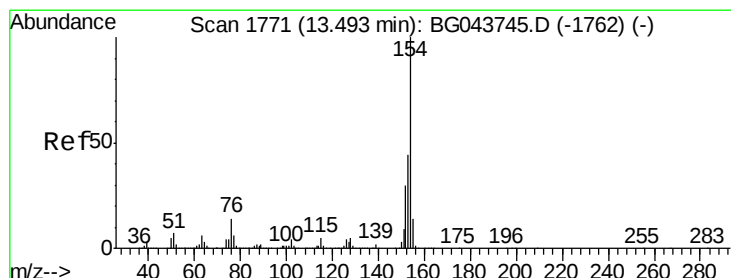
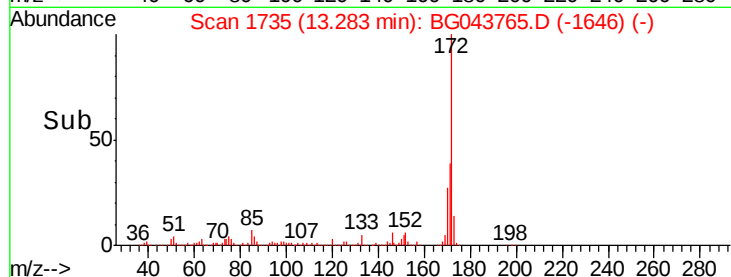
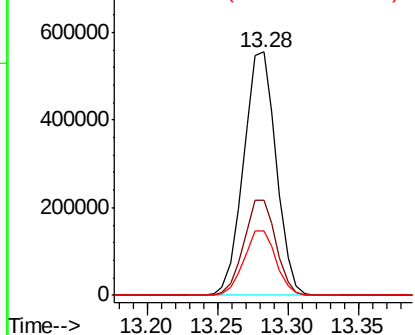
#45
 2-Fluorobiphenyl
 Concen: 79.644 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.6
170	26.7	21.0	31.4

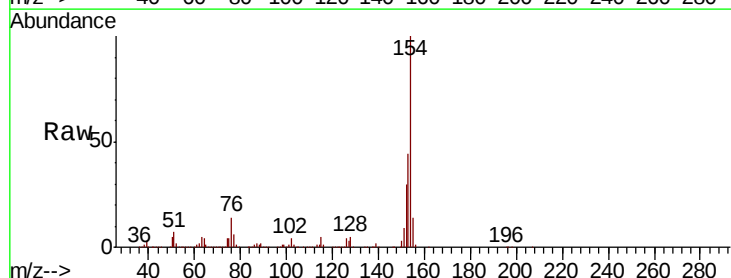


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

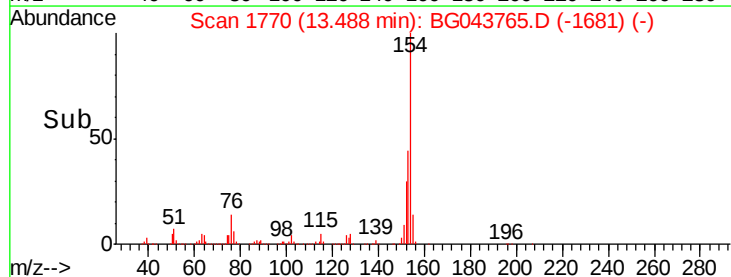
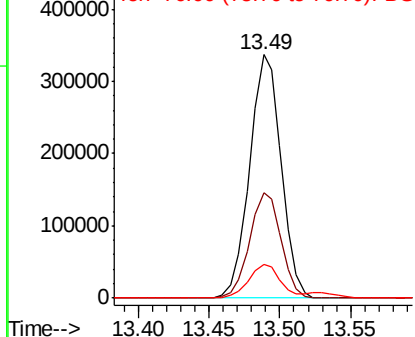


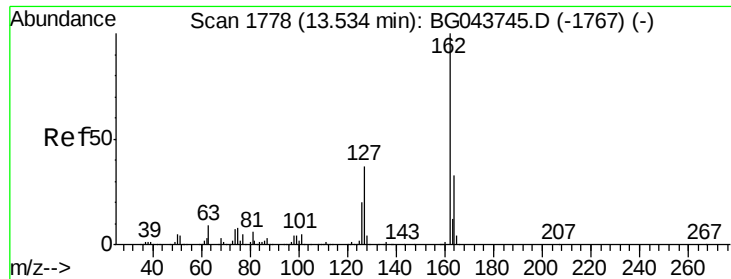
#46
 1,1'-Biphenyl
 Concen: 41.025 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	23.5	63.5
76	13.8	0.0	33.6



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): BGC

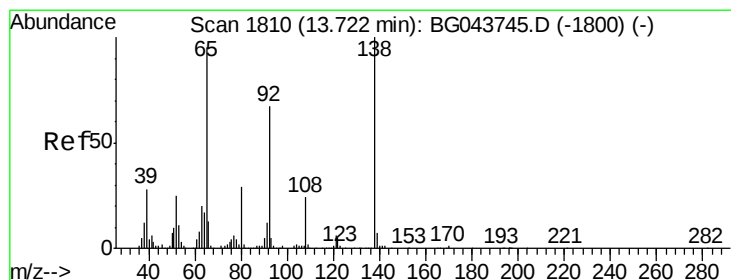
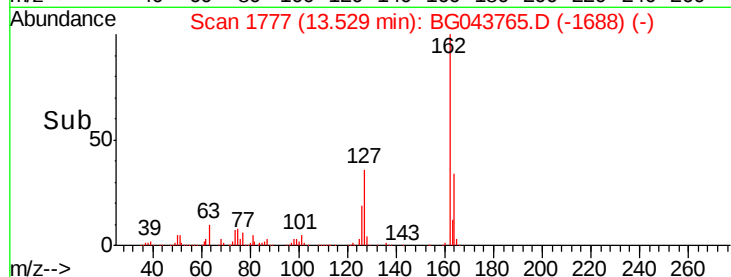
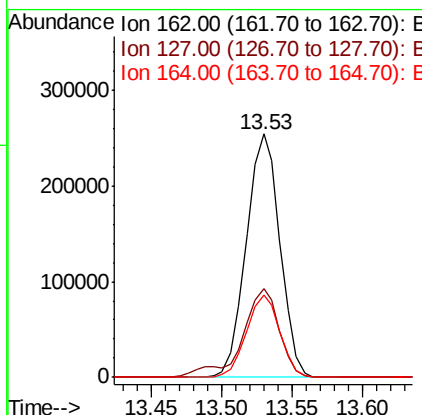
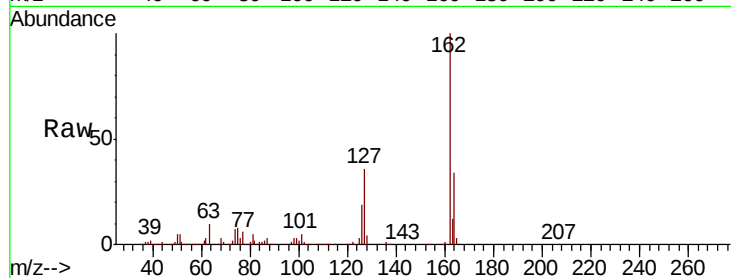




#47
 2-Chloronaphthalene
 Concen: 40.382 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

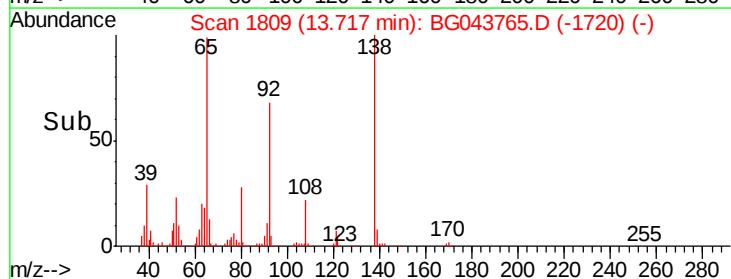
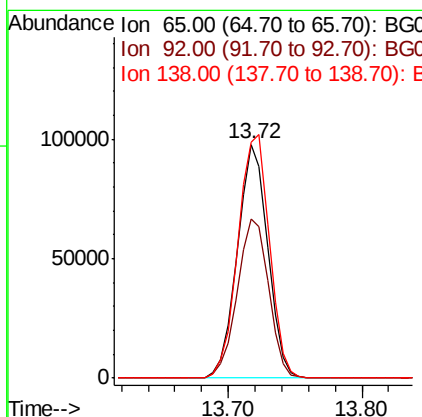
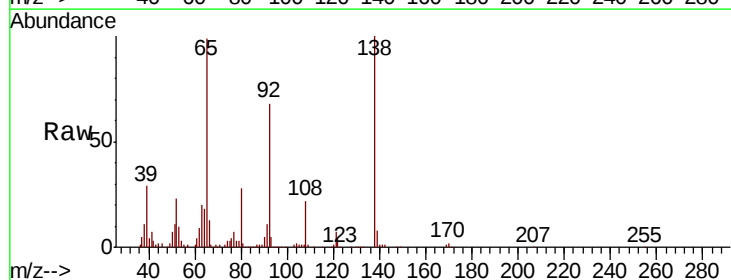
Instrument :
 BNA_G
 ClientSampleId :

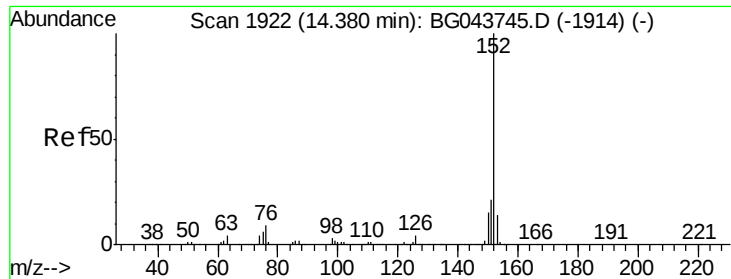
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.0	45.0
164	34.0	26.4	39.6



#48
 2-Nitroaniline
 Concen: 50.217 ng
 RT: 13.72 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.2	56.1	84.1
138	101.1	84.2	126.4





#49

Acenaphthylene

Concen: 46.535 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

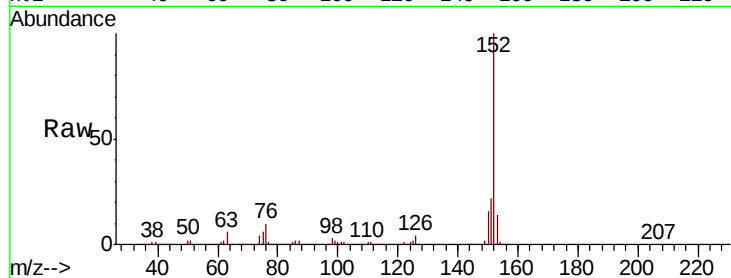
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 768291

Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.0	25.6
153	14.2	10.8	16.2

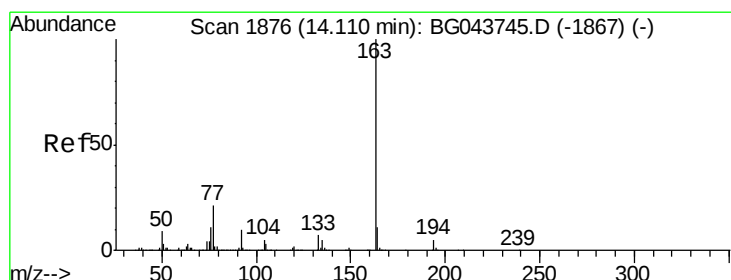
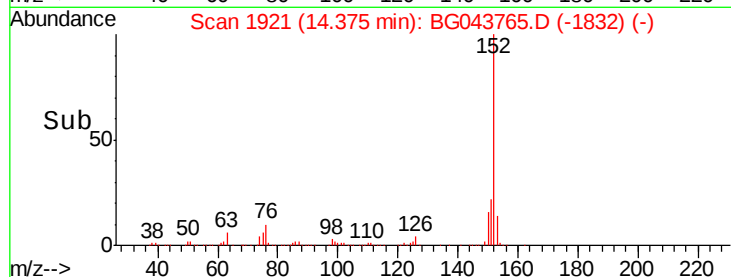
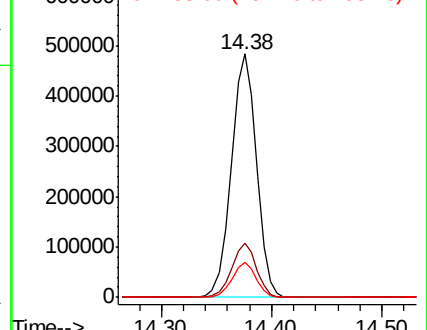


Abundance

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: 48.580 ng

RT: 14.11 min Scan# 1876

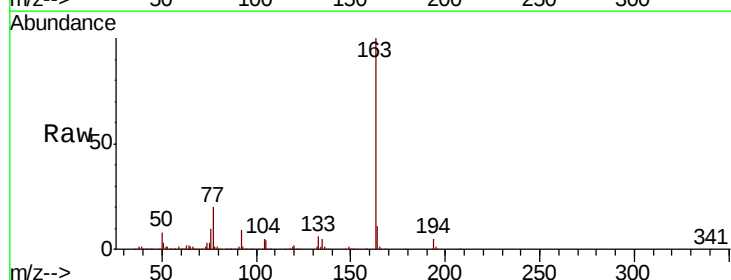
Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Tgt Ion:163 Resp: 714396

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	11.5	8.7	13.1

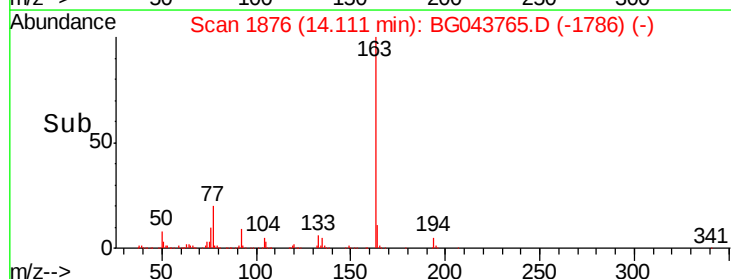
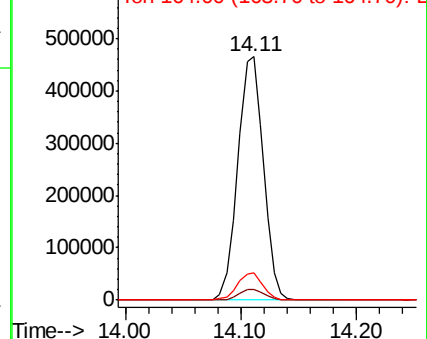


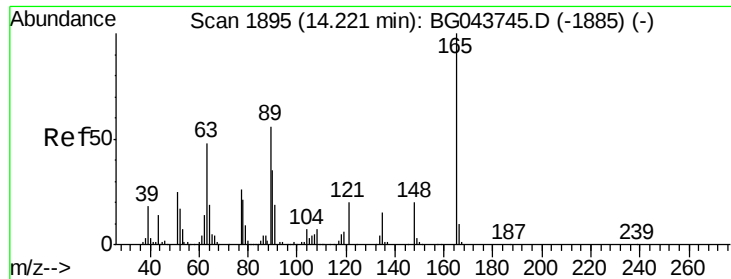
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

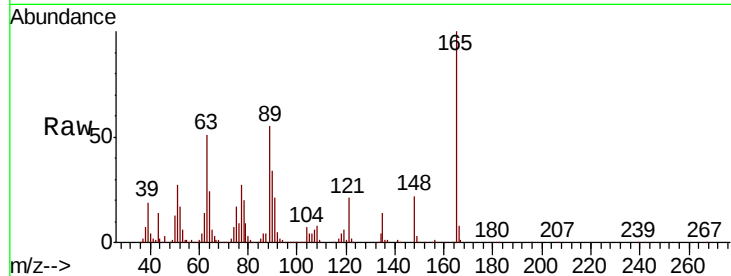




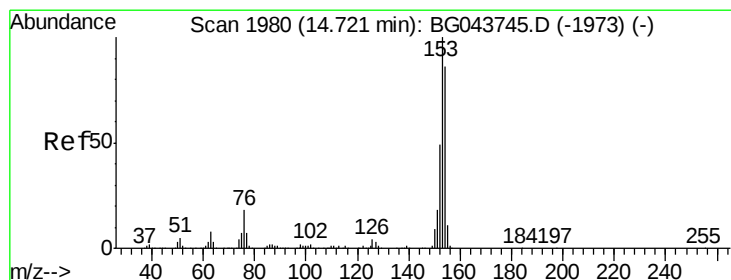
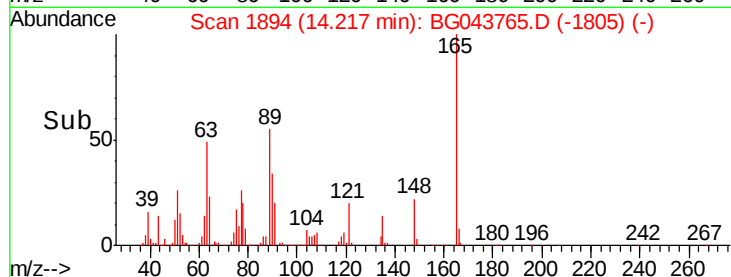
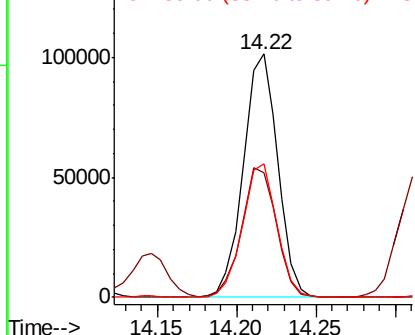
#51
 2,6-Dinitrotoluene
 Concen: 55.948 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	43.4	65.2
89	54.7	44.6	67.0

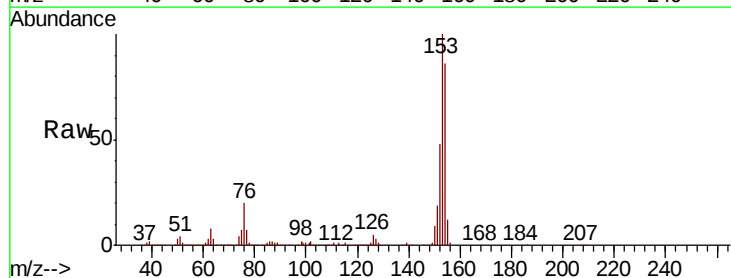


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

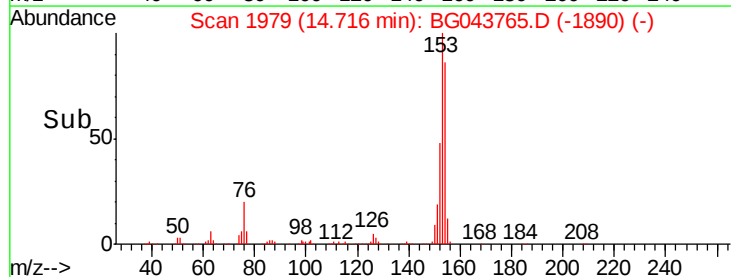
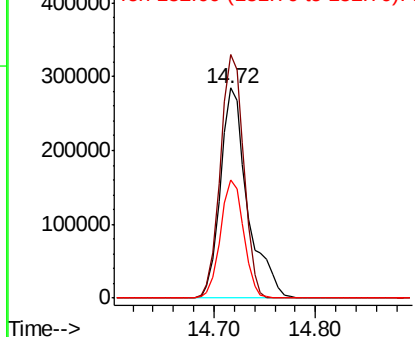


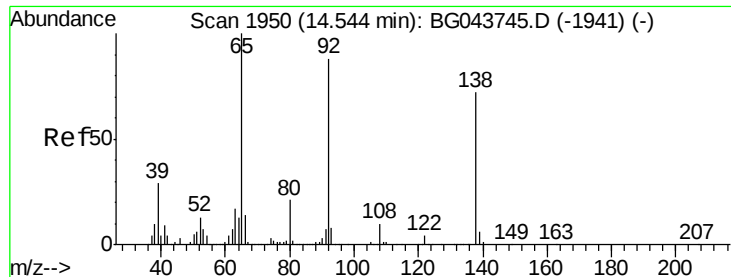
#52
 Acenaphthene
 Concen: 50.131 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.1	92.9	139.3
152	56.2	45.2	67.8



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

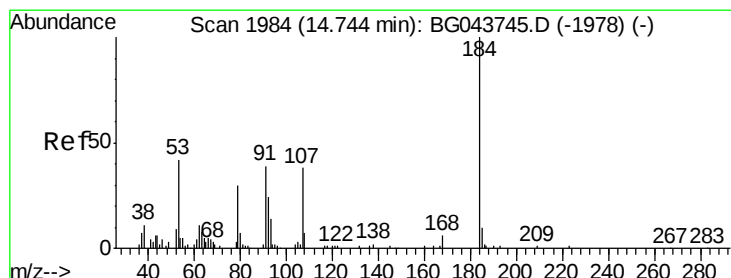
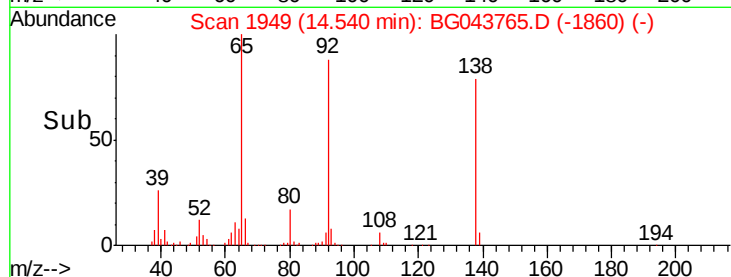
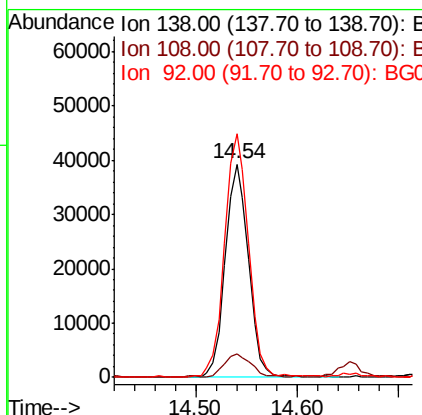
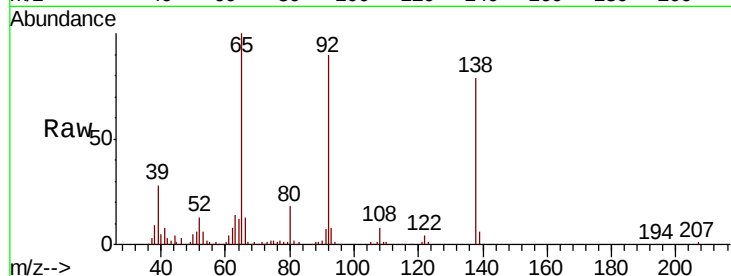




#53
3-Nitroaniline
Concen: 19.550 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

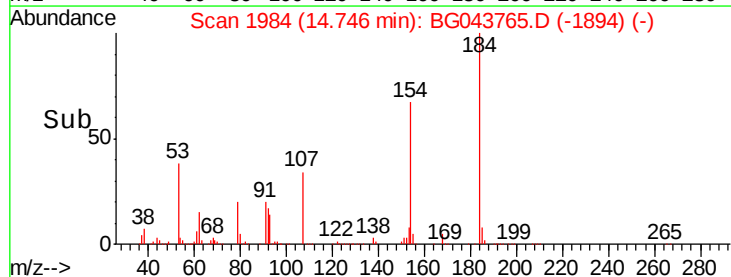
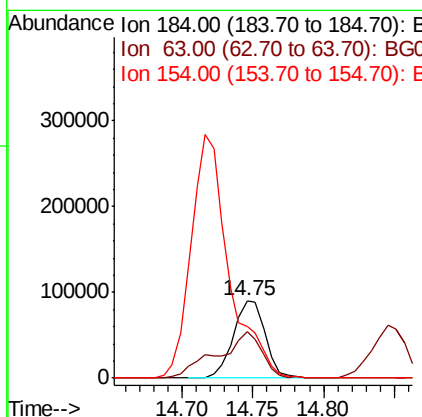
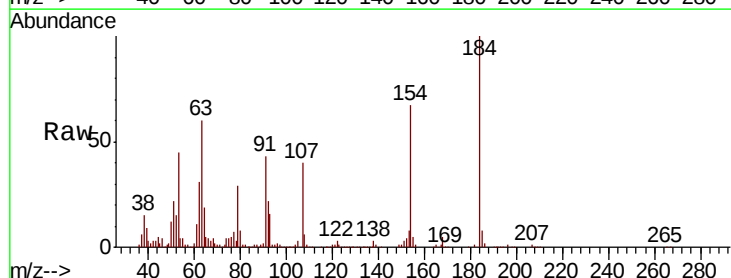
Instrument :
BNA_G
ClientSampleId :

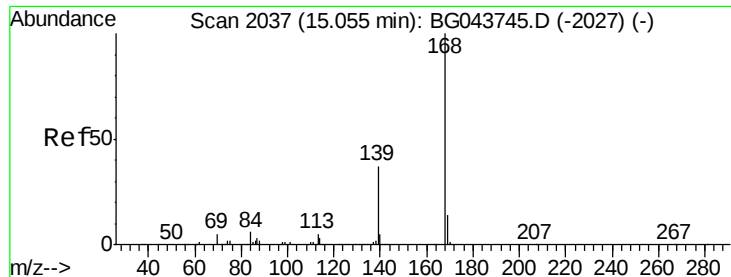
Tot Ion:138 Resp: 62362
Ion Ratio Lower Upper
138 100
108 10.8 11.7 17.5#
92 114.3 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 127.303 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion:184 Resp: 142040
Ion Ratio Lower Upper
184 100
63 59.9 52.4 78.6
154 66.8 92.8 139.2#

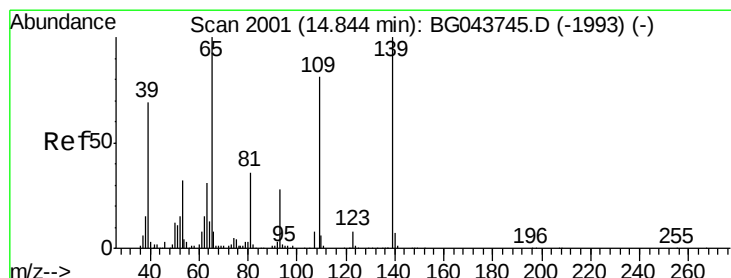
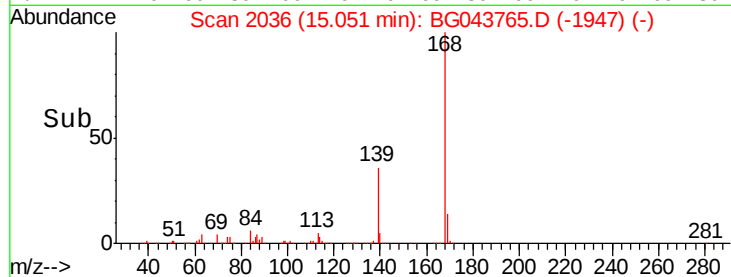
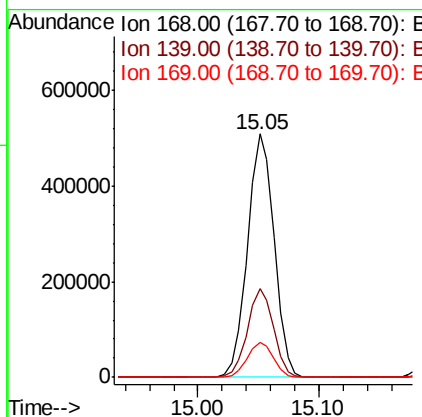
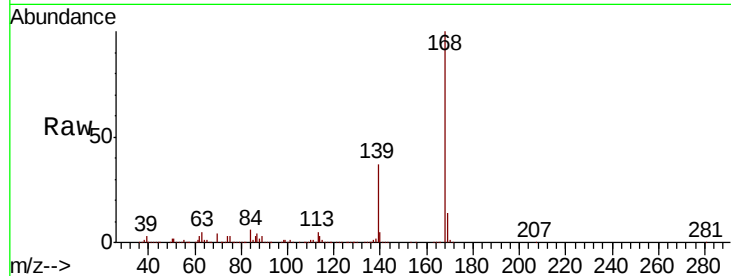




#55
Dibenzofuran
Concen: 47.641 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

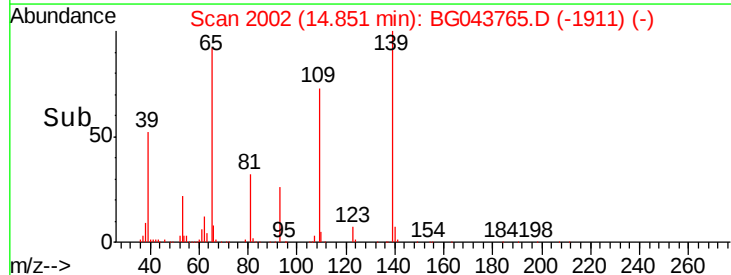
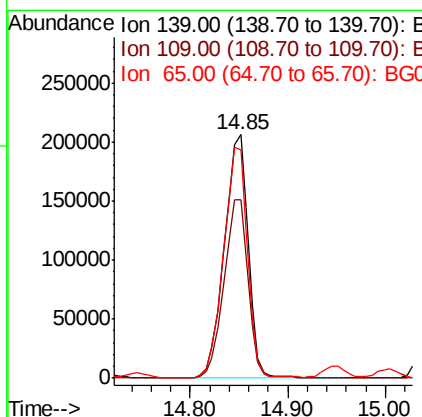
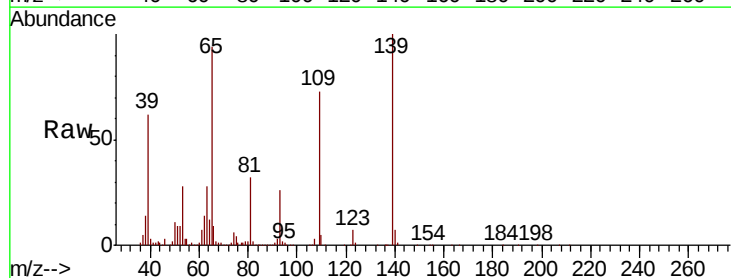
Instrument :
BNA_G
ClientSampleId :

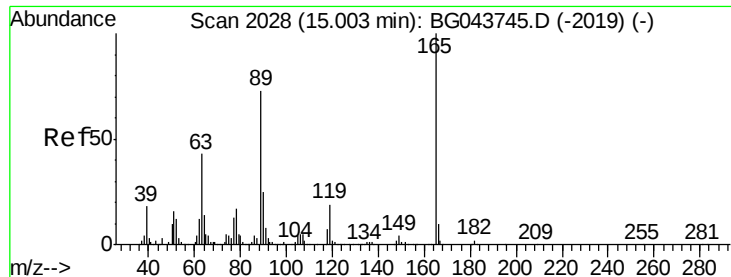
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	29.4	44.2
169	14.3	11.3	16.9



#56
4-Nitrophenol
Concen: 130.055 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.3	61.4	101.4
65	93.8	80.3	120.3

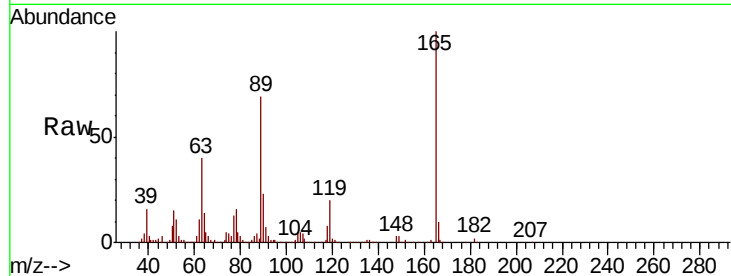




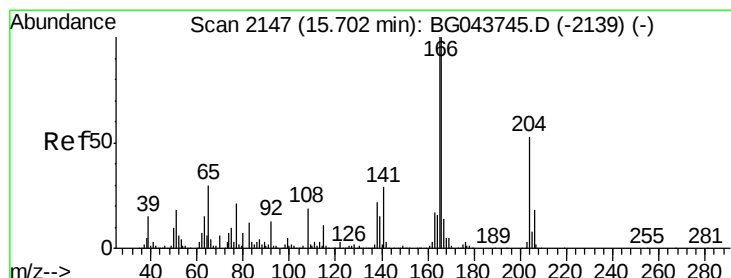
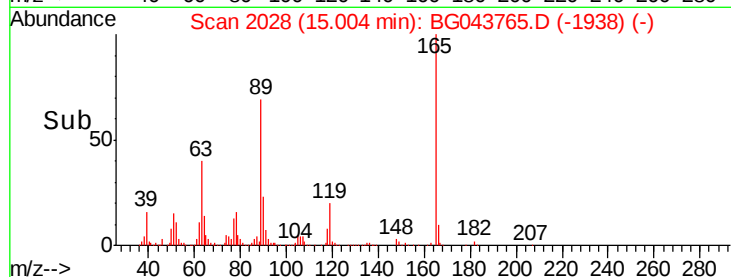
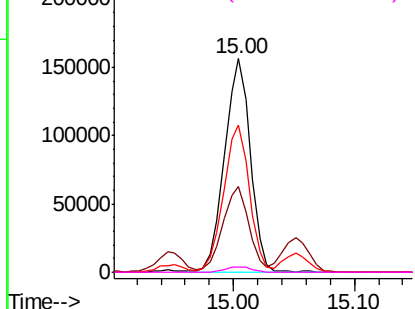
#57
2,4-Dinitrotoluene
Concen: 61.102 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:165	Resp:	231412
Ion	Ratio	Lower Upper
165	100	
63	40.1	34.6 51.8
89	69.0	58.3 87.5
182	2.4	1.9 2.9

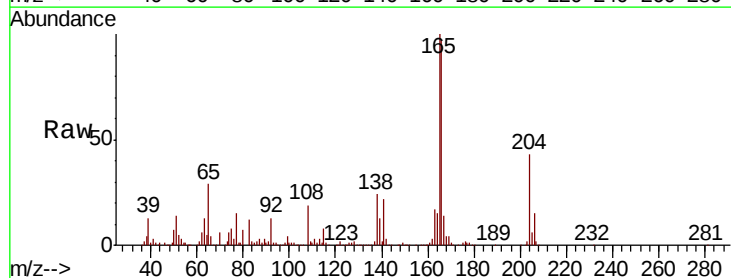


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

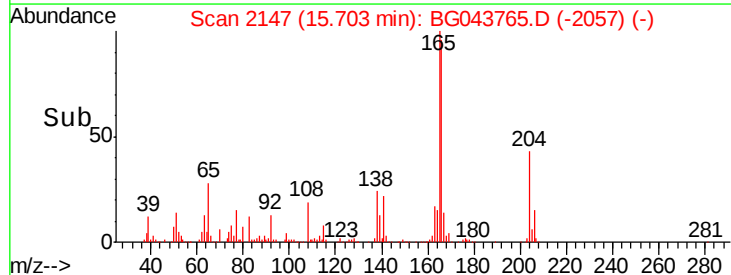
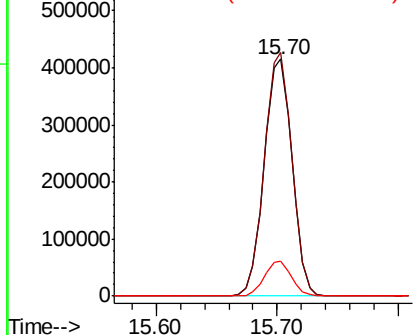


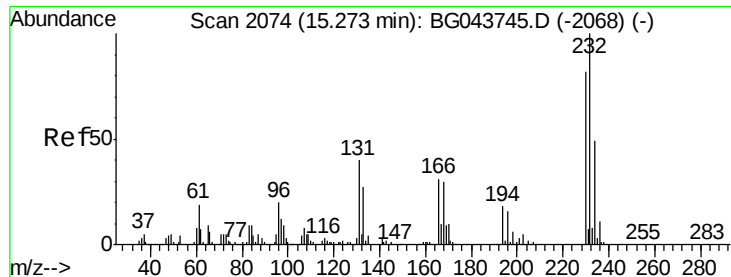
#58
Fluorene
Concen: 48.981 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion:166	Resp:	660702
Ion	Ratio	Lower Upper
166	100	
165	102.7	79.9 119.9
167	14.5	11.4 17.0



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

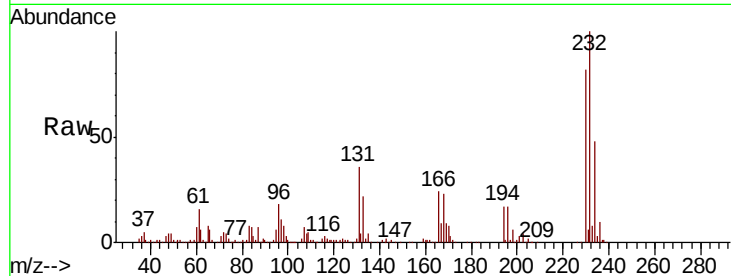




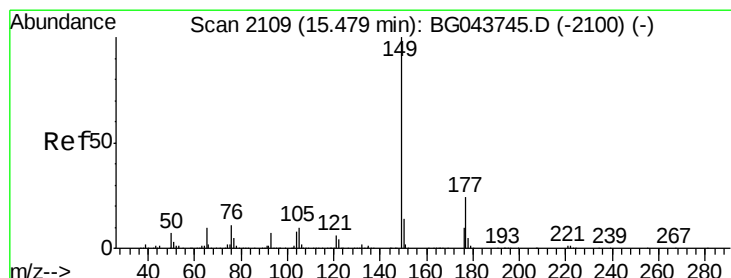
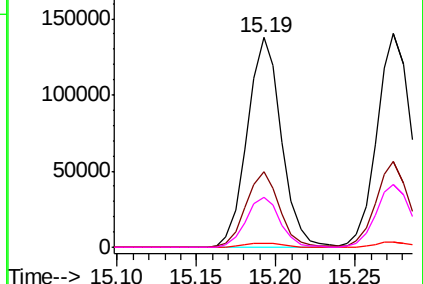
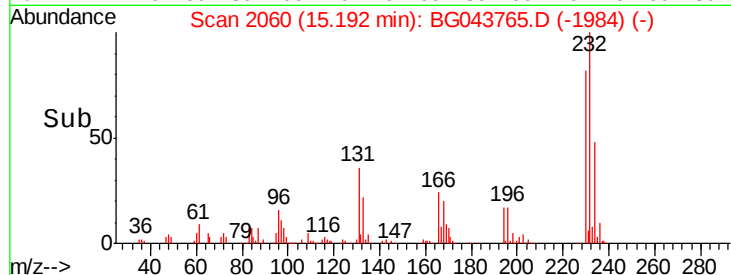
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.107 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.08 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232	Resp:	206842
Ion Ratio	Lower	Upper
232	100	
131	35.1	27.0 40.6
130	2.4	1.6 2.4
166	23.6	18.2 27.2

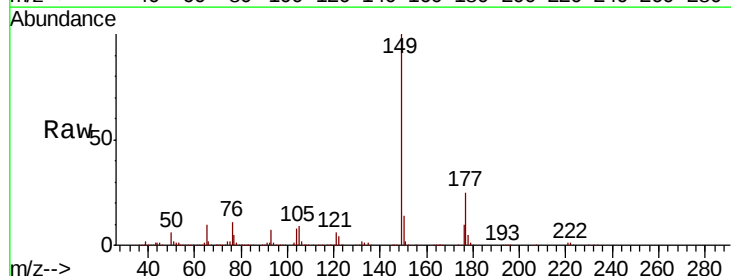


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

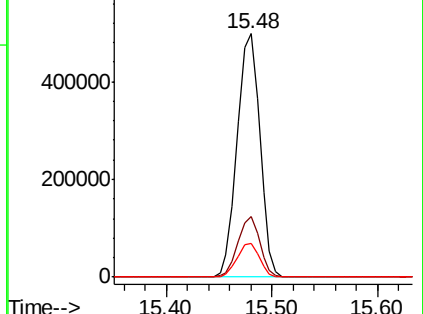
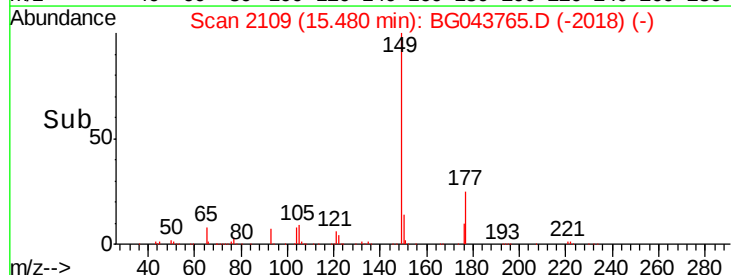


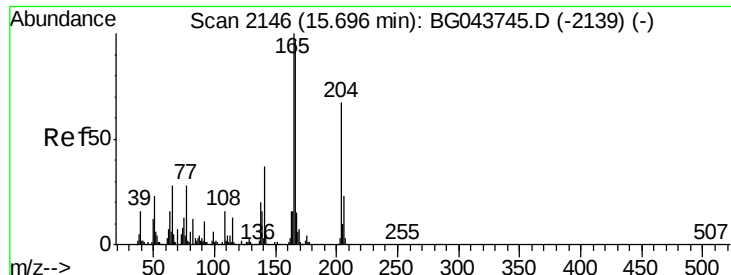
#60
Diethylphthalate
Concen: 50.252 ng
RT: 15.48 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion:149	Resp:	739701
Ion Ratio	Lower	Upper
149	100	
177	24.6	19.3 28.9
150	13.8	11.1 16.7



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

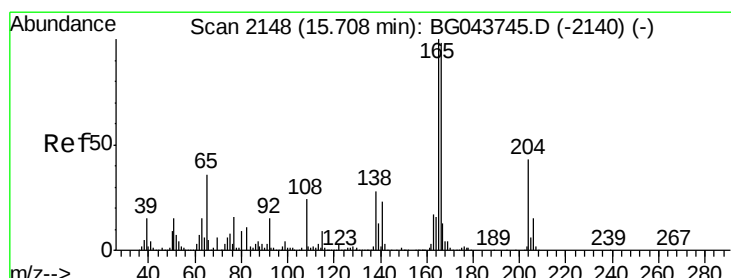
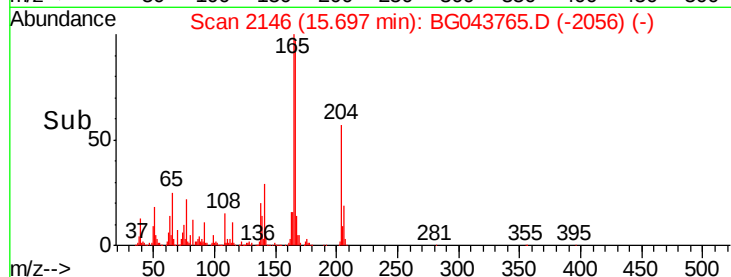
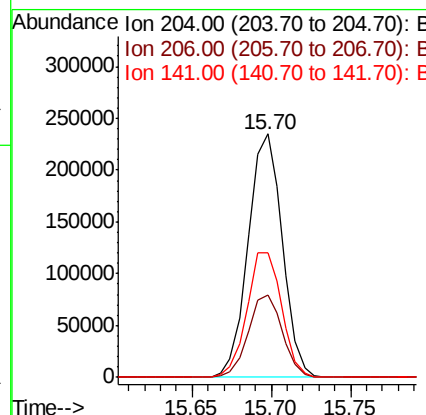
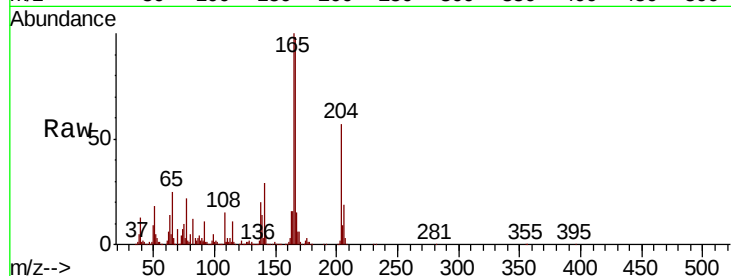




#61
4-Chlorophenyl-phenylether
Concen: 47.213 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

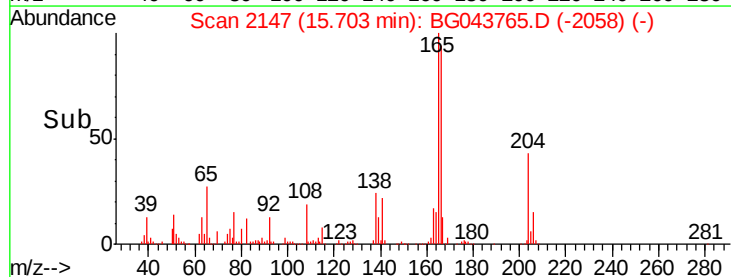
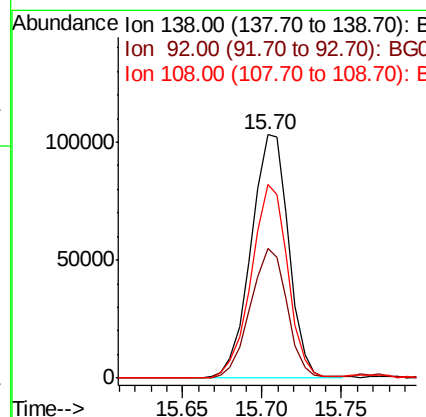
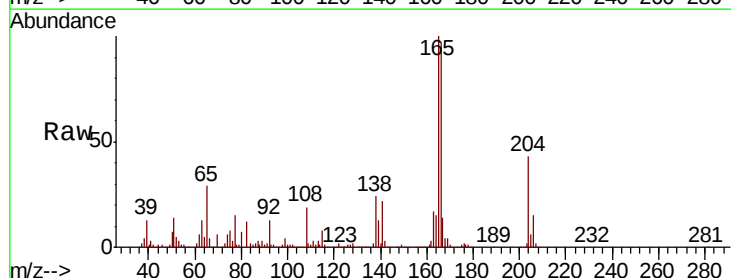
Instrument :
BNA_G
ClientSampled :

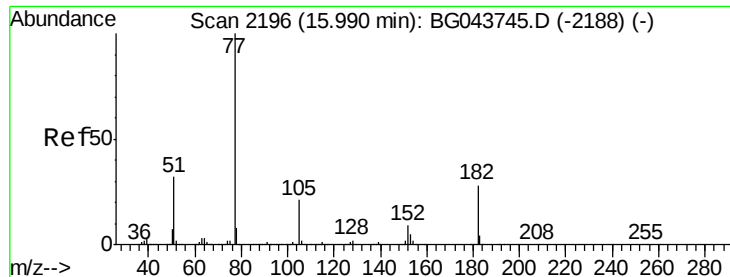
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.4	41.0
141	51.0	44.3	66.5



#62
4-Nitroaniline
Concen: 46.525 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.5	34.6	74.6
108	79.5	65.7	105.7





#63

Azobenzene

Concen: 48.137 ng

RT: 15.99 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 666271

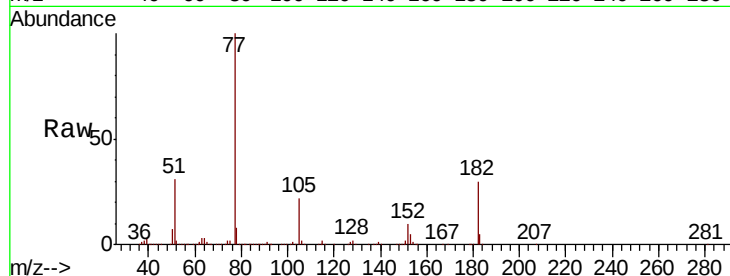
Ion Ratio Lower Upper

77 100

182 30.1 7.6 47.6

105 21.5 0.7 40.7

51 31.3 12.1 52.1

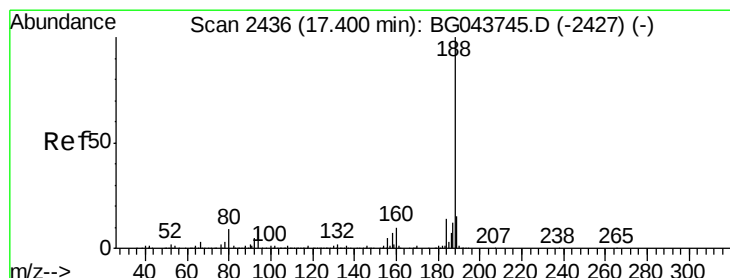
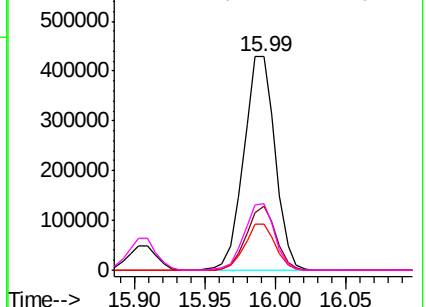
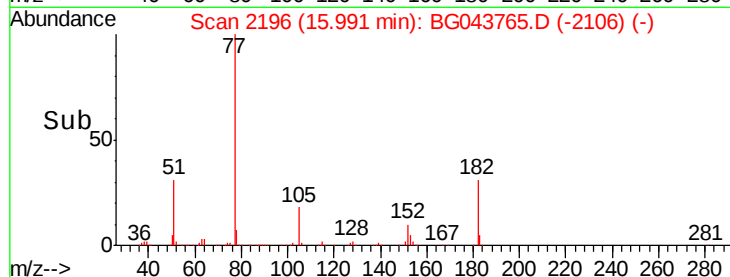


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

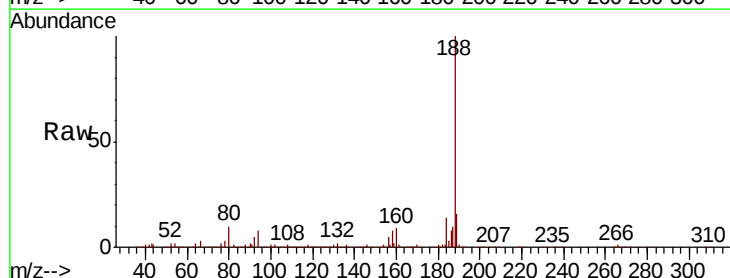
Tgt Ion: 188 Resp: 551131

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

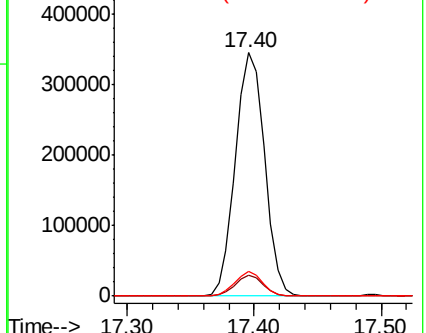
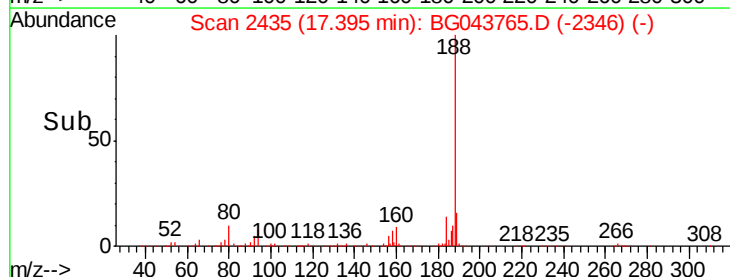
80 9.9 7.5 11.3

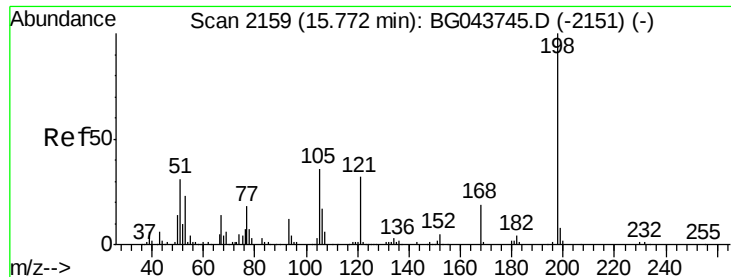


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 52.890 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

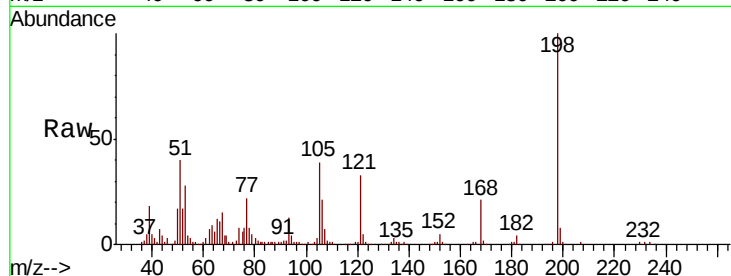
Tot Ion:198 Resp: 109945

Ion	Ratio	Lower	Upper
198	100		
51	40.3	16.8	56.8
105	38.8	17.3	57.3

198 100

51 40.3 16.8 56.8

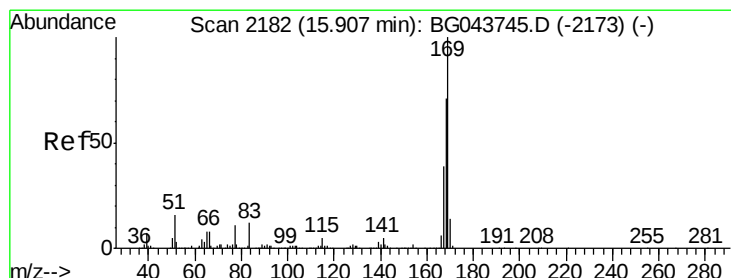
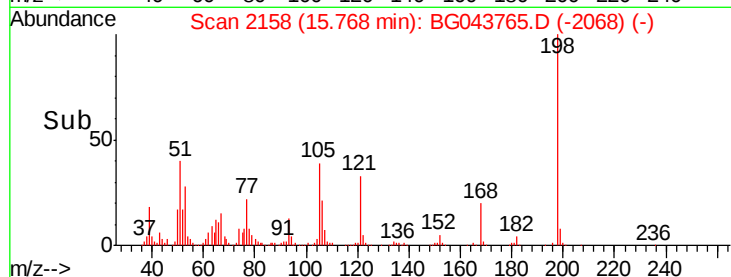
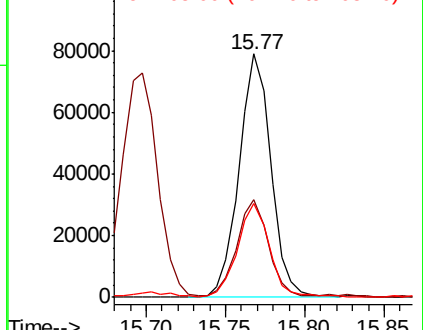
105 38.8 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.493 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

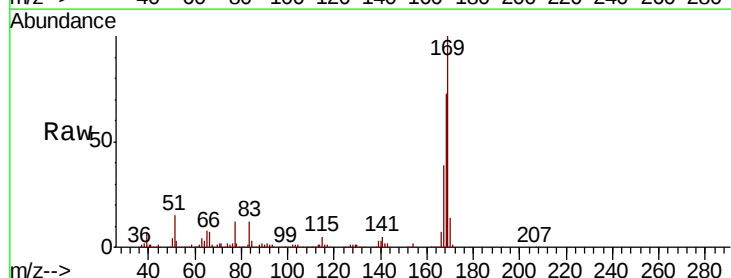
Tgt Ion:169 Resp: 634650

Ion	Ratio	Lower	Upper
169	100		
168	72.6	56.6	85.0
167	39.4	30.8	46.2

169 100

168 72.6 56.6 85.0

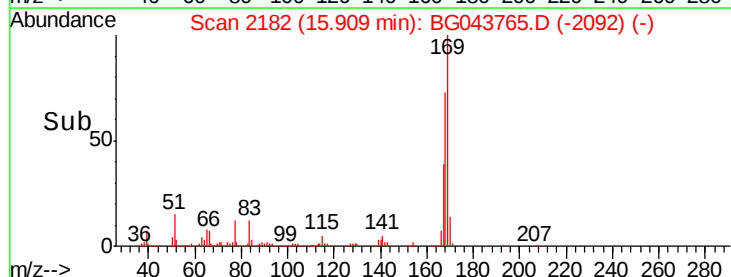
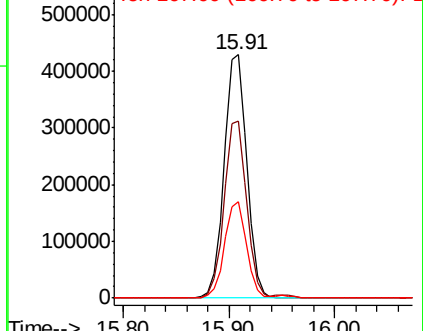
167 39.4 30.8 46.2

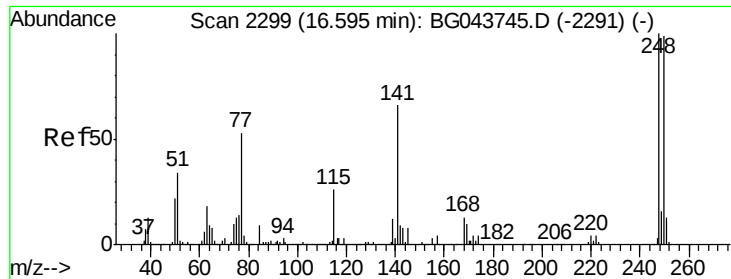


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

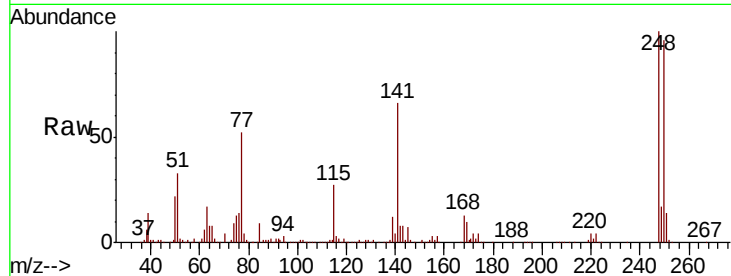




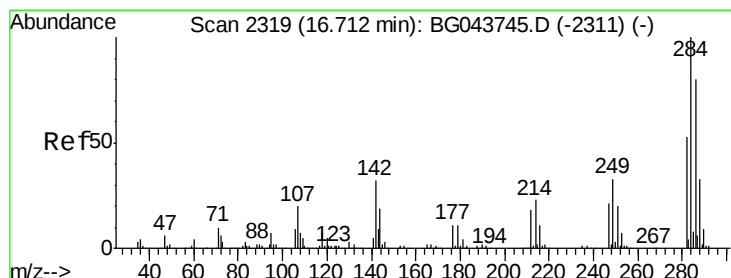
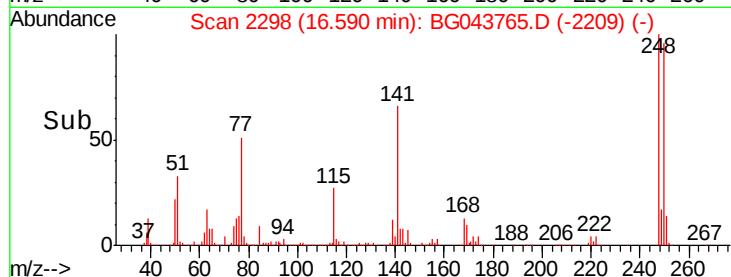
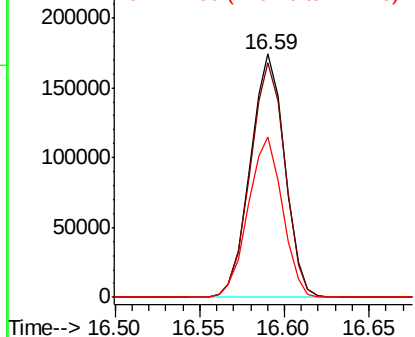
#67
 4-Bromophenyl-phenylether
 Concen: 42.420 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 246542
 Ion Ratio Lower Upper
 248 100
 250 96.4 79.3 118.9
 141 66.1 53.0 79.6

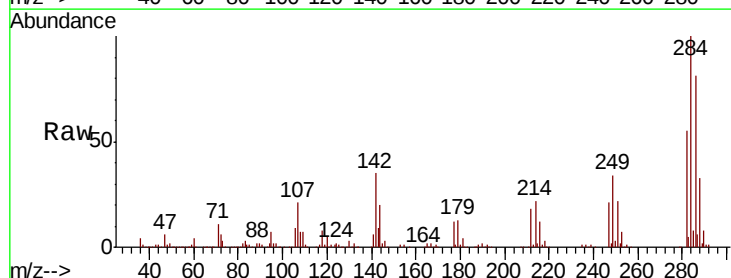


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

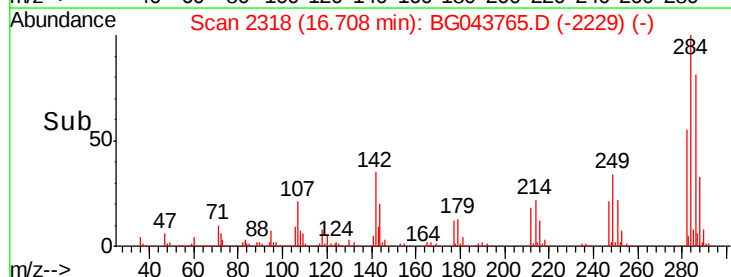
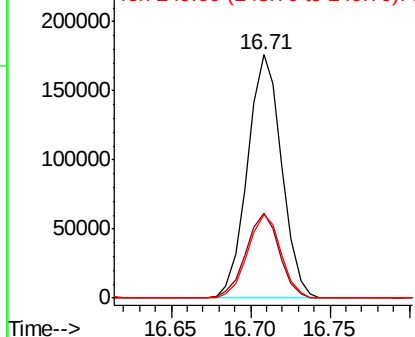


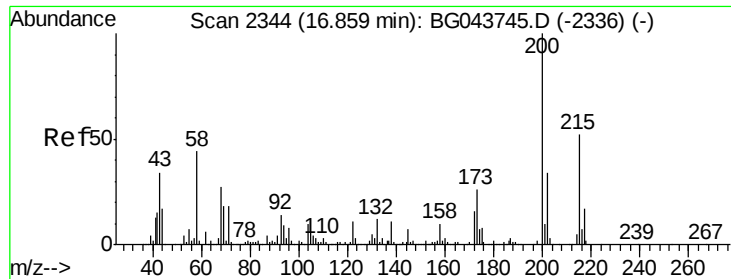
#68
 Hexachlorobenzene
 Concen: 41.384 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion:284 Resp: 262945
 Ion Ratio Lower Upper
 284 100
 142 35.0 25.4 38.0
 249 34.4 26.2 39.4



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: 42.268 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

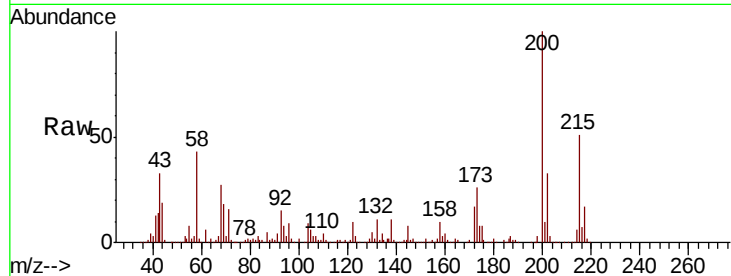
Tot Ion:200 Resp: 247184

Ion Ratio Lower Upper

200 100

173 26.2 6.0 46.0

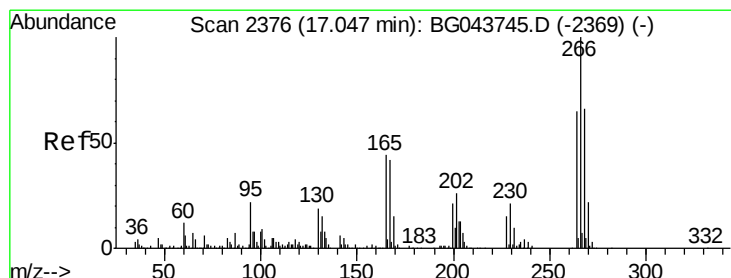
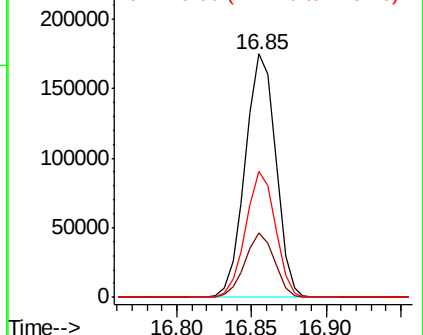
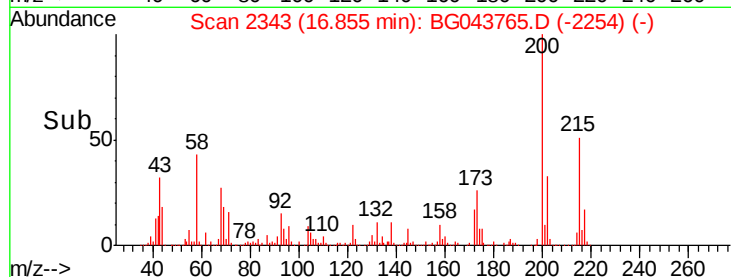
215 51.5 32.4 72.4



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: 101.022 ng

RT: 17.05 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

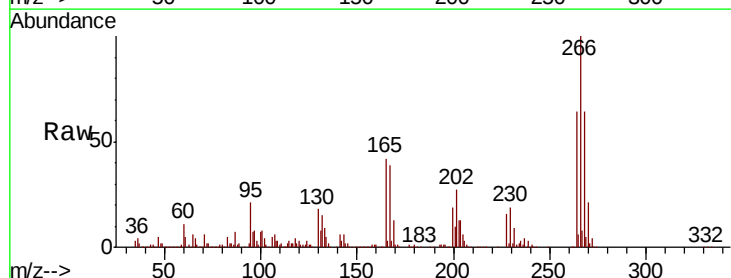
Tgt Ion:266 Resp: 391671

Ion Ratio Lower Upper

266 100

268 64.2 52.9 79.3

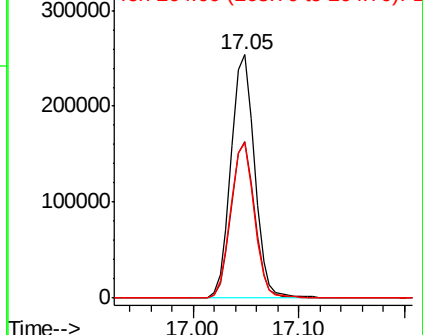
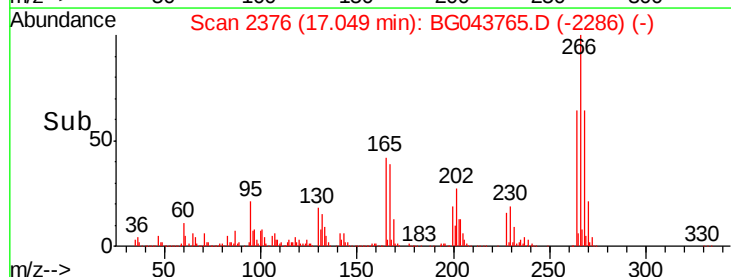
264 63.7 51.6 77.4

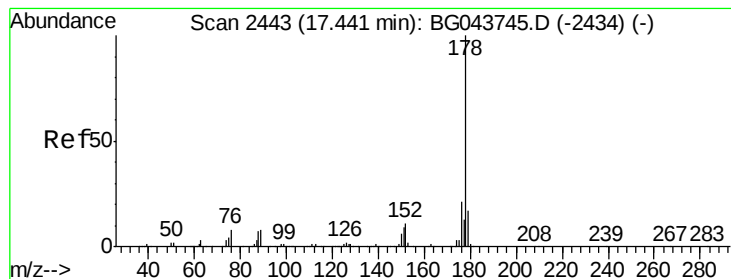


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.684 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

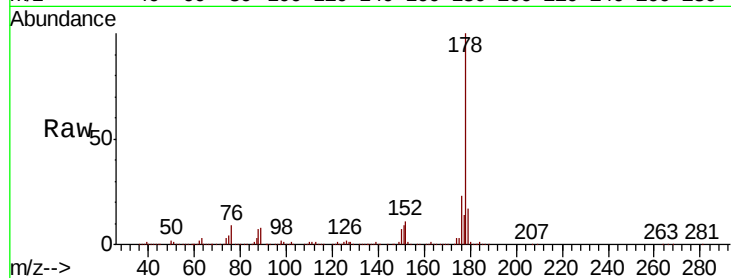
Tot Ion:178 Resp: 1245836

Ion Ratio Lower Upper

178 100

176 22.5 16.9 25.3

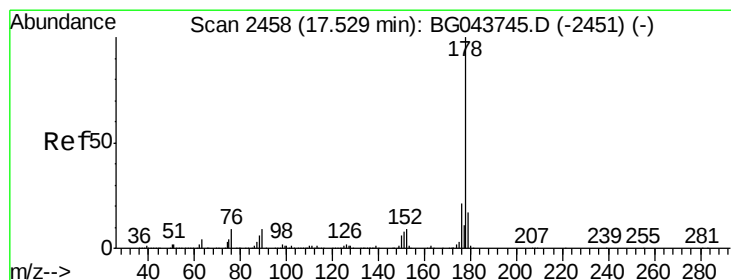
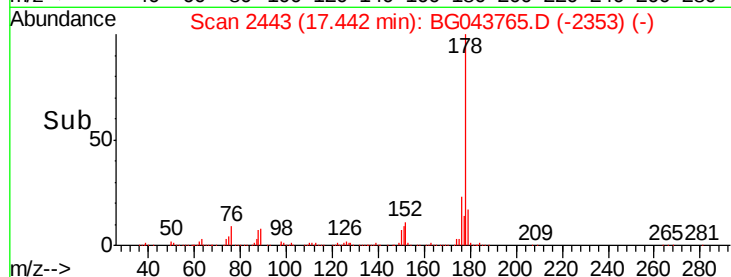
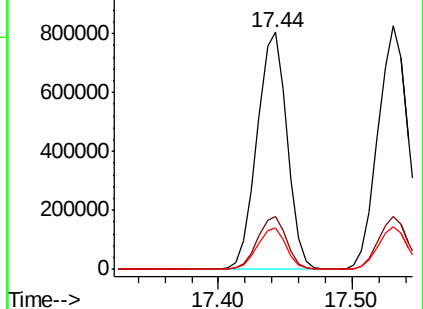
179 17.5 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.356 ng

RT: 17.53 min Scan# 2458

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

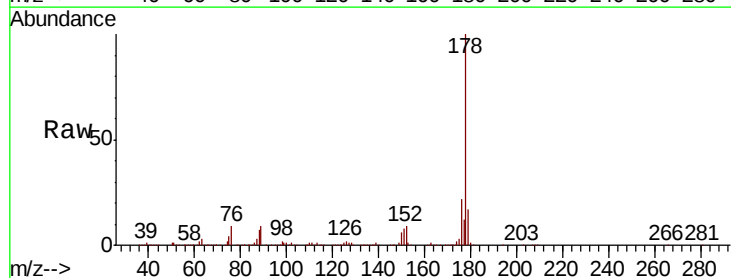
Tgt Ion:178 Resp: 1276986

Ion Ratio Lower Upper

178 100

176 21.5 16.5 24.7

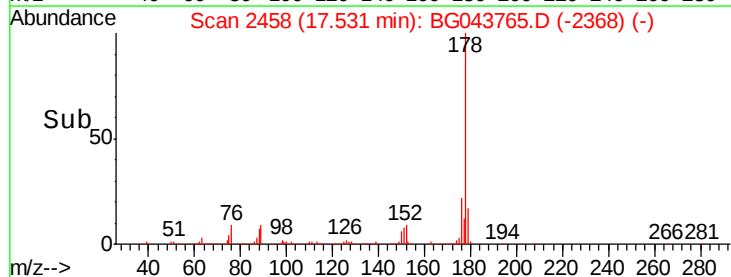
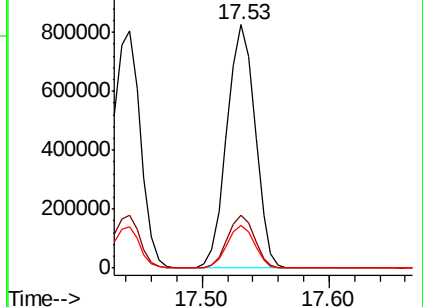
179 17.3 13.4 20.2

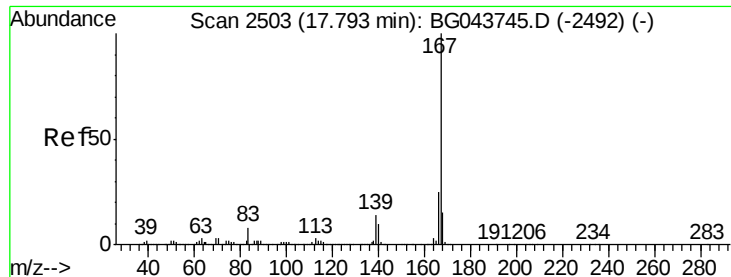


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 48.824 ng

RT: 17.79 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

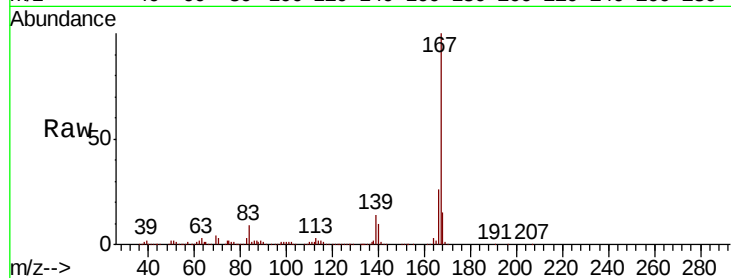
Tot Ion:167 Resp: 1282246

Ion Ratio Lower Upper

167 100

166 26.0 19.8 29.6

139 13.6 10.9 16.3

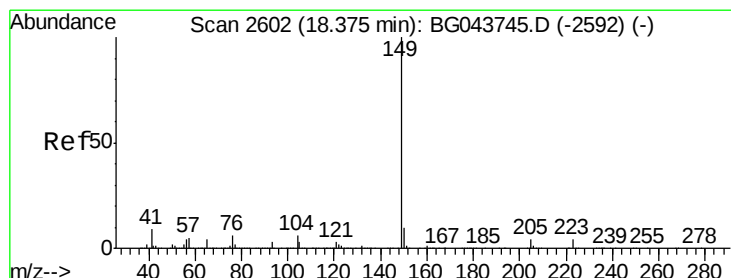
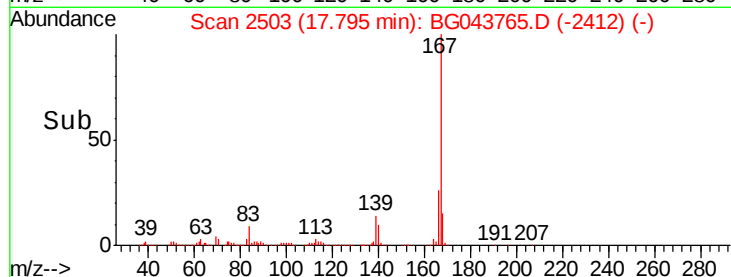
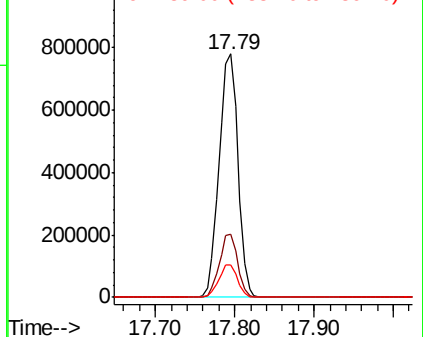


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.260 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

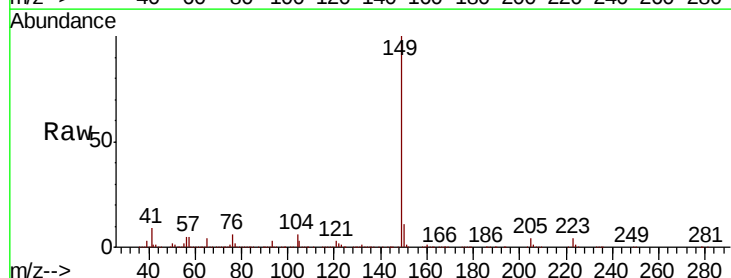
Tgt Ion:149 Resp: 1476231

Ion Ratio Lower Upper

149 100

150 11.4 8.4 12.6

104 6.3 4.6 7.0

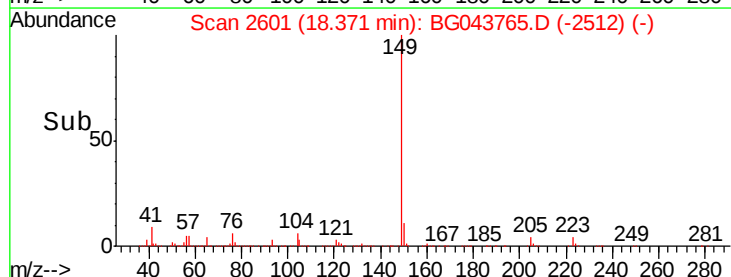
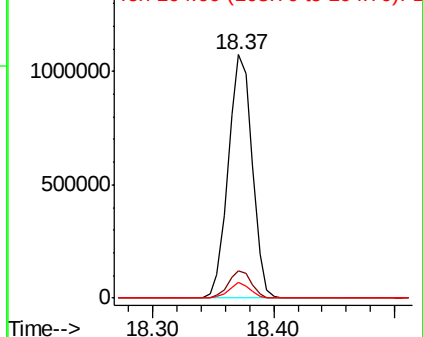


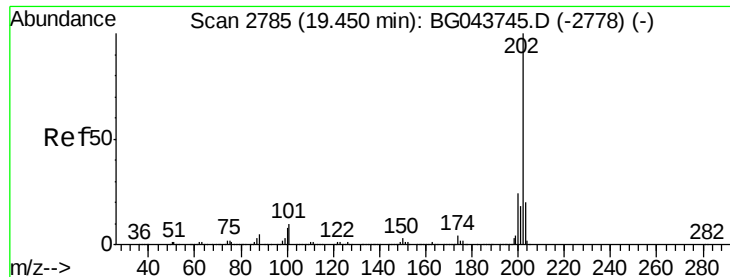
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.992 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

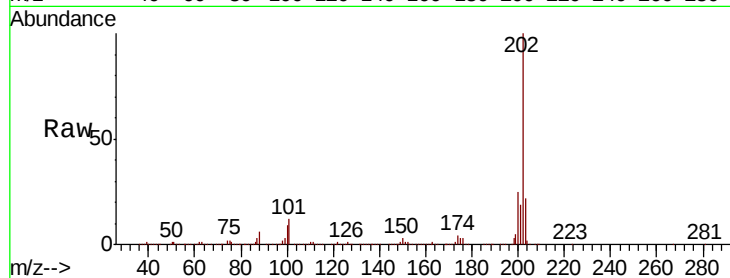
Tot Ion:202 Resp: 1760011

Ion Ratio Lower Upper

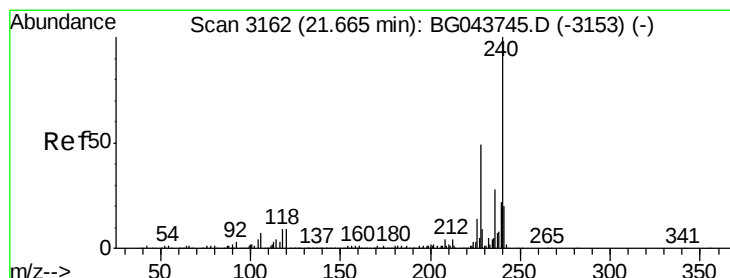
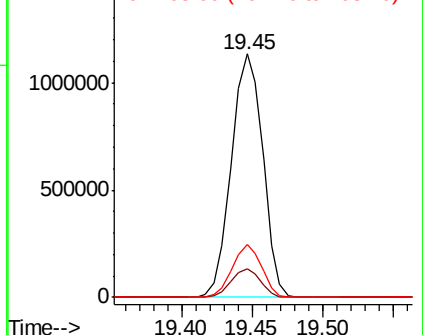
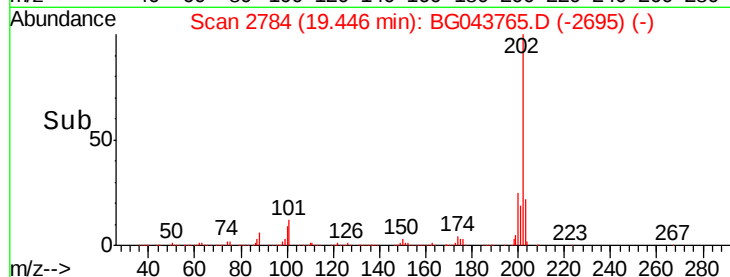
202 100

101 11.6 0.0 30.1

203 21.9 0.0 39.7



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: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

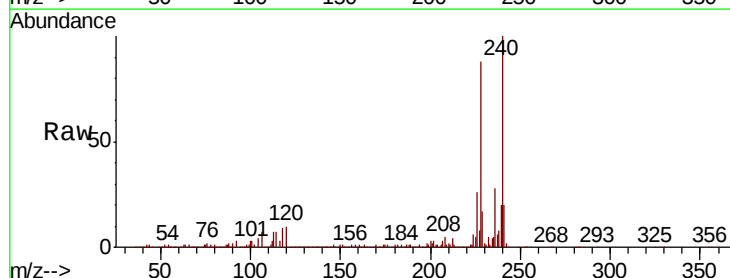
Tgt Ion:240 Resp: 688024

Ion Ratio Lower Upper

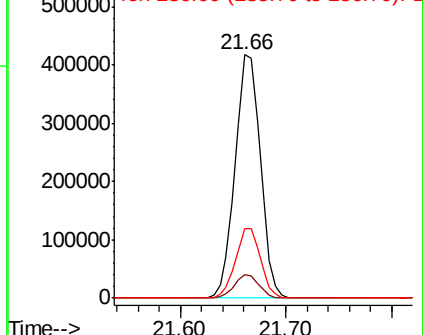
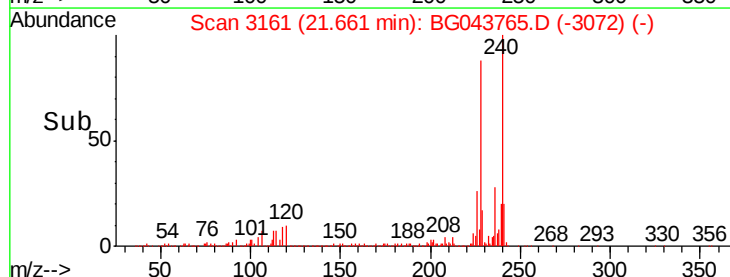
240 100

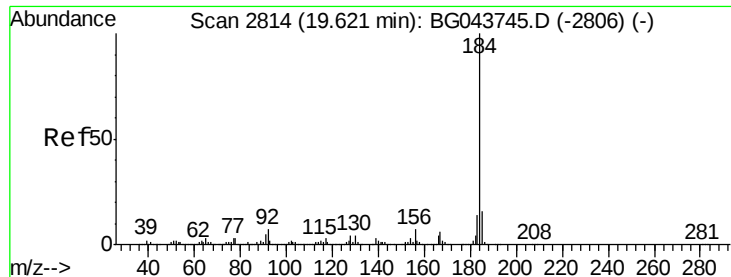
120 9.5 7.5 11.3

236 28.3 22.6 34.0



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: 8.679 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

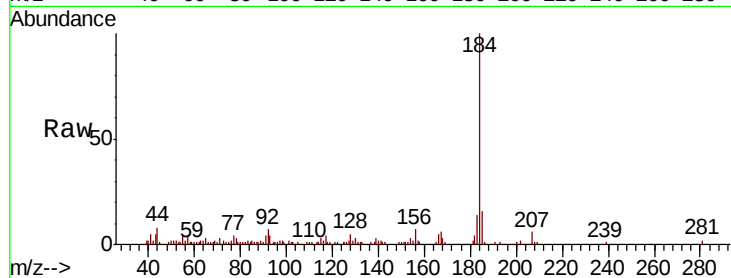
Tot Ion:184 Resp: 174424

Ion Ratio Lower Upper

184 100

185 16.5 12.8 19.2

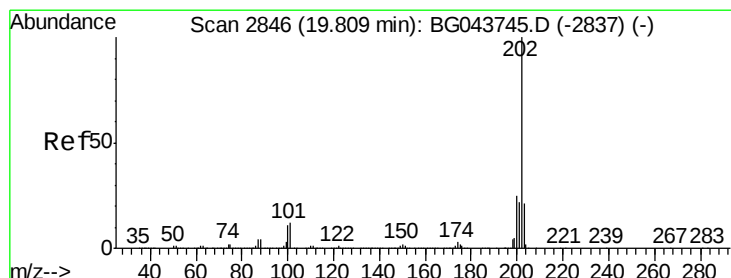
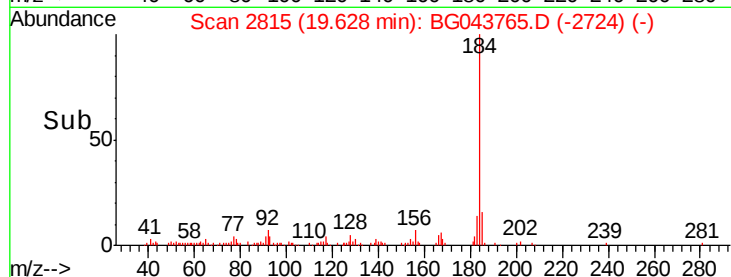
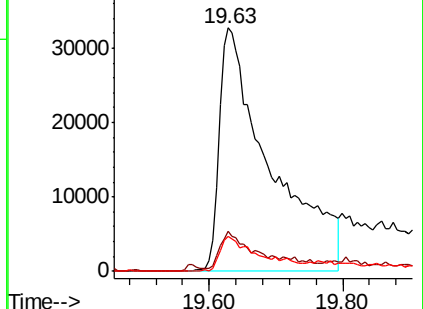
183 14.1 11.3 16.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.000 ng

RT: 19.80 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

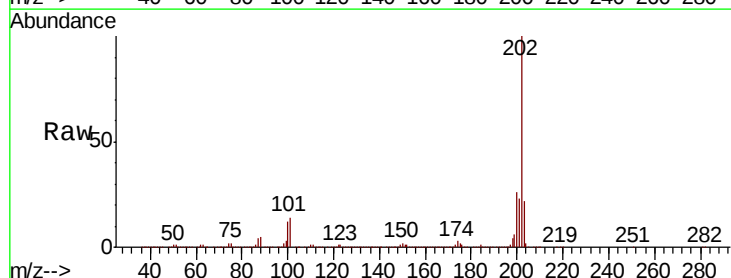
Tgt Ion:202 Resp: 1820581

Ion Ratio Lower Upper

202 100

200 26.4 19.8 29.6

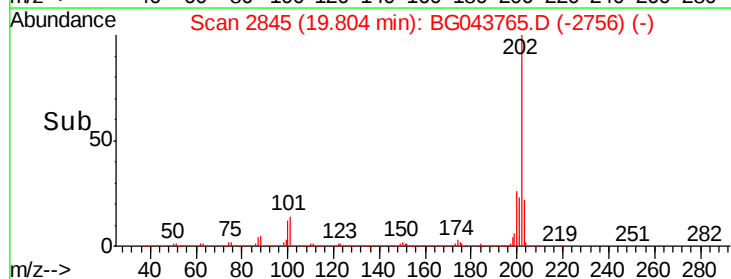
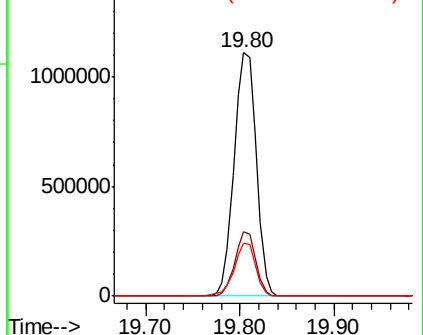
203 21.7 16.6 24.8

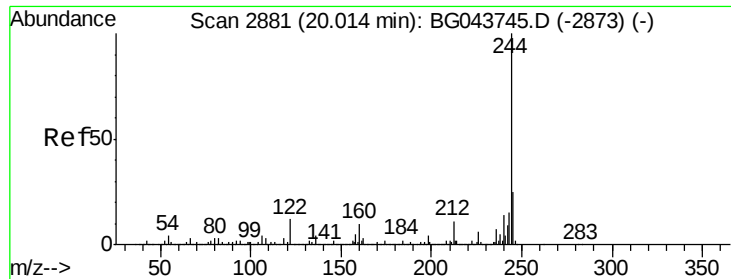


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.906 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

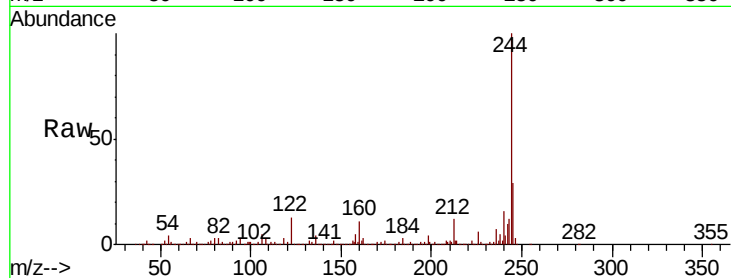
Tot Ion:244 Resp: 2402553

Ion Ratio Lower Upper

244 100

212 11.7 8.5 12.7

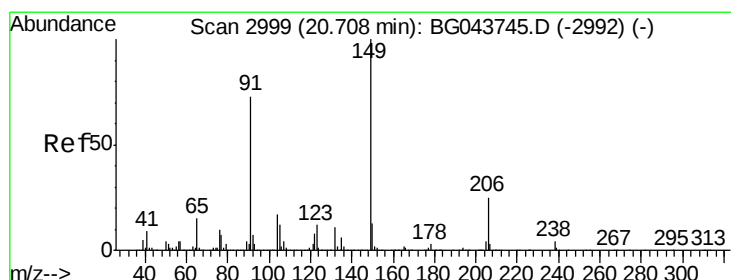
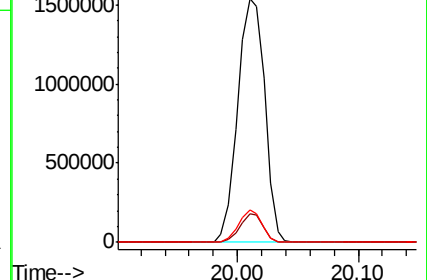
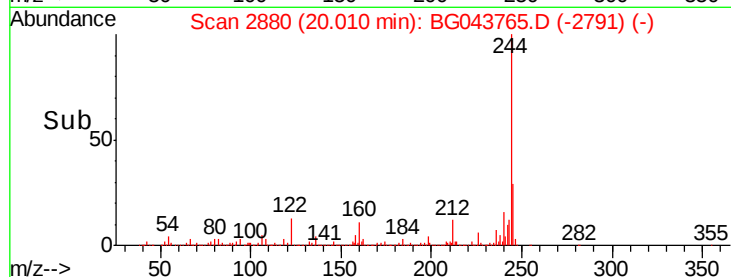
122 13.5 9.5 14.3



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: 43.558 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

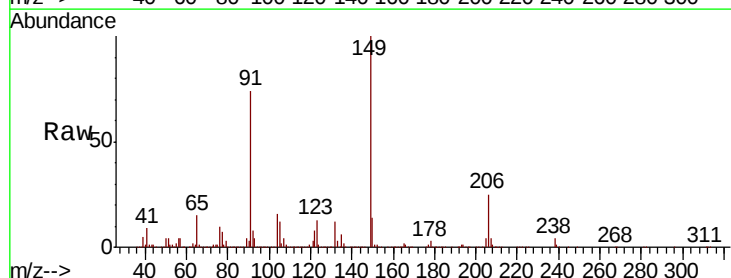
Tgt Ion:149 Resp: 881090

Ion Ratio Lower Upper

149 100

91 74.0 58.8 88.2

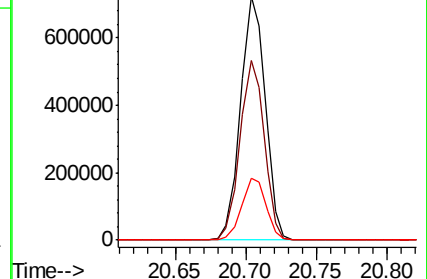
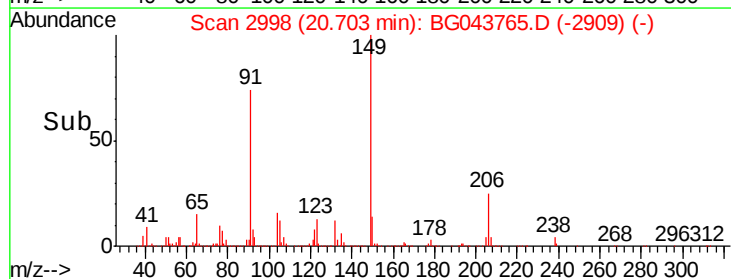
206 25.4 19.8 29.6

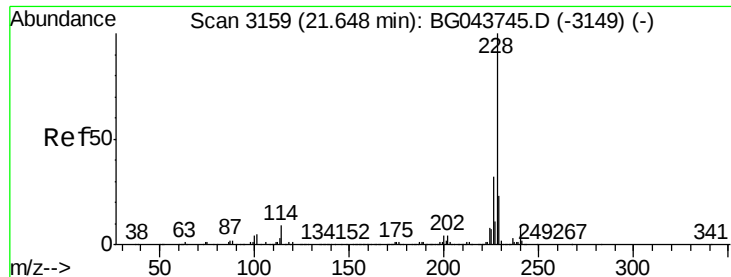


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.021 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

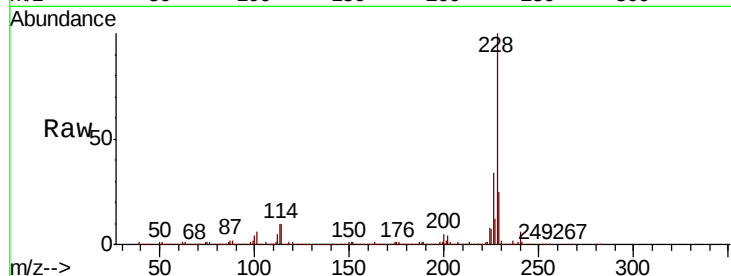
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 2024815

Ion	Ratio	Lower	Upper
228	100		
226	34.1	25.4	38.2
229	24.6	18.1	27.1

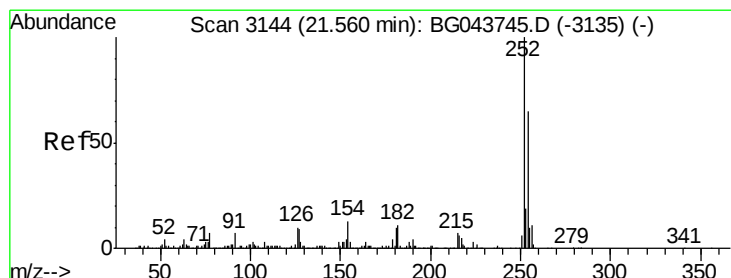
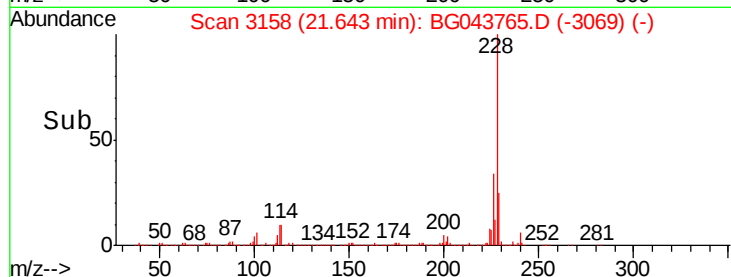
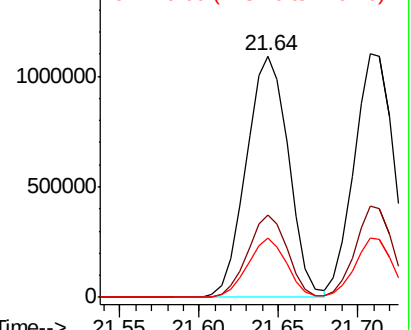


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 12.831 ng

RT: 21.56 min Scan# 3143

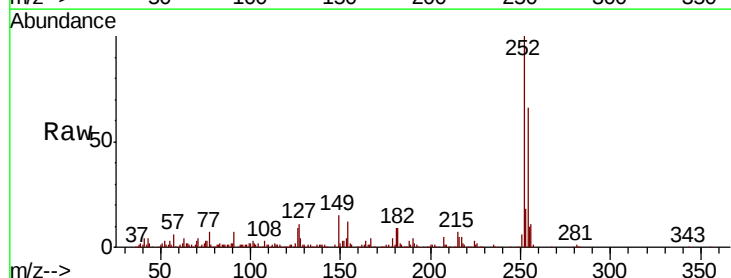
Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Tgt Ion:252 Resp: 221326

Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.1	78.1
126	9.2	7.8	11.6

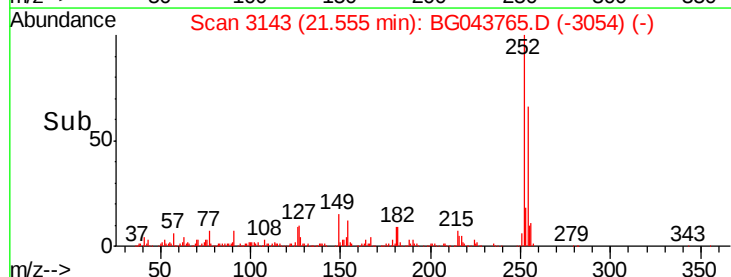
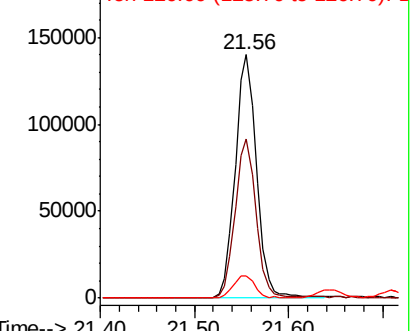


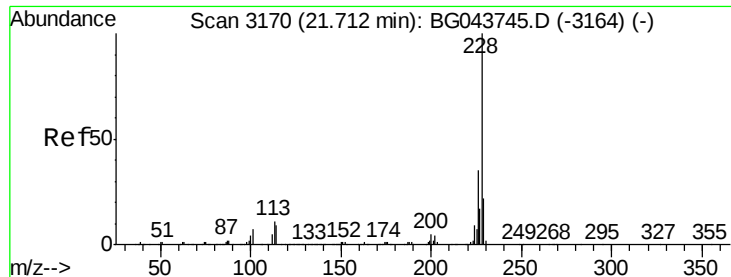
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



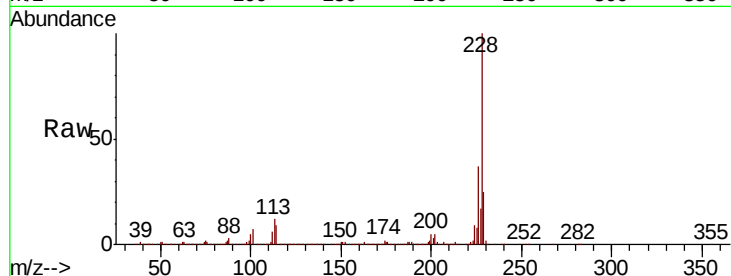


#83
 Chrysene
 Concen: 43.689 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

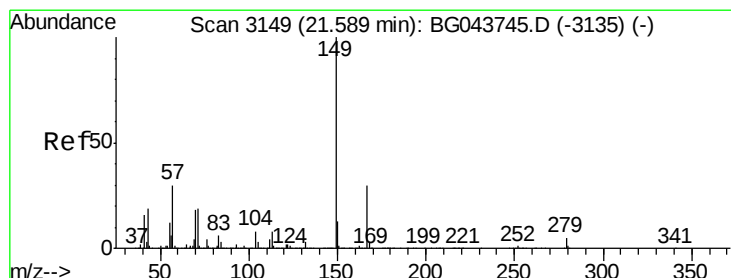
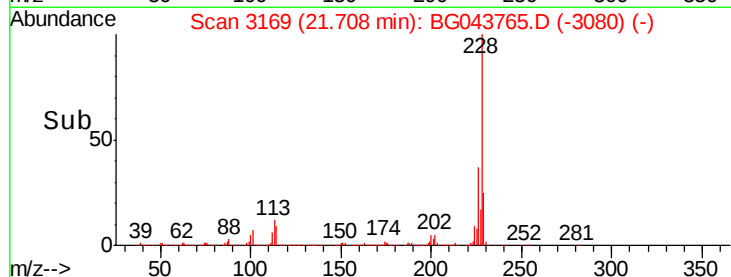
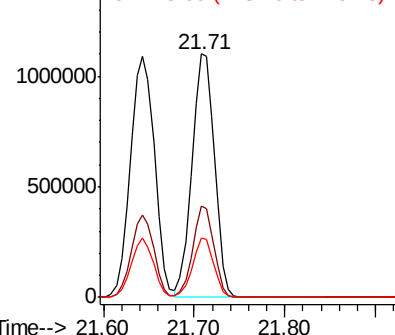
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:228 Resp: 1901522

Ion	Ratio	Lower	Upper
228	100		
226	37.4	27.8	41.8
229	24.5	17.9	26.9



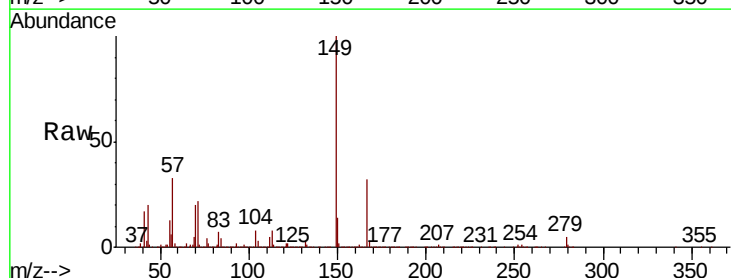
Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



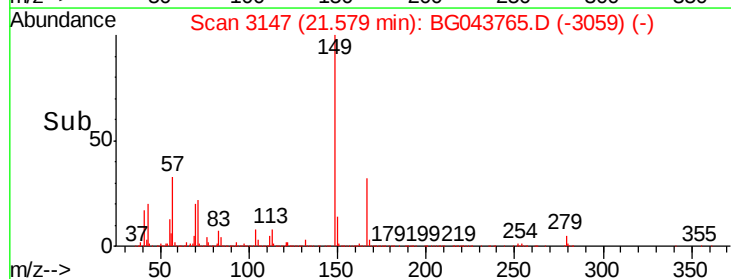
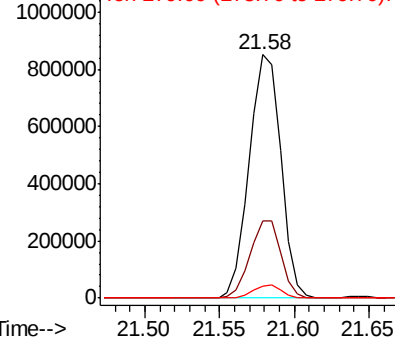
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.923 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

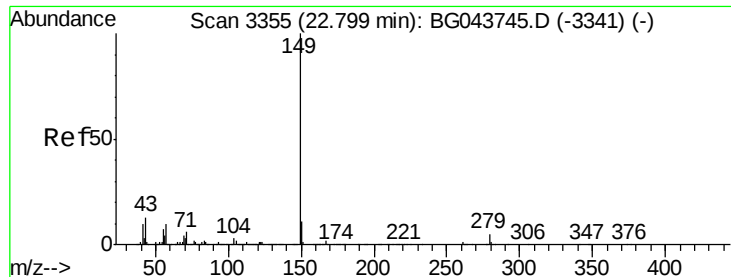
Tgt Ion:149 Resp: 1250111

Ion	Ratio	Lower	Upper
149	100		
167	31.9	23.8	35.6
279	5.1	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.438 ng

RT: 22.80 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampled :

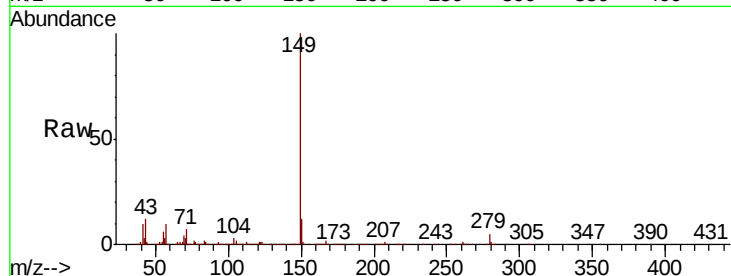
Tot Ion:149 Resp: 1820632

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

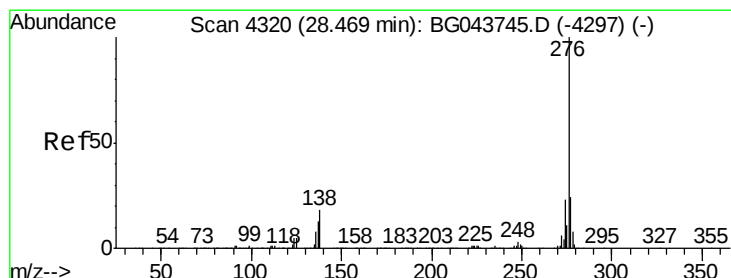
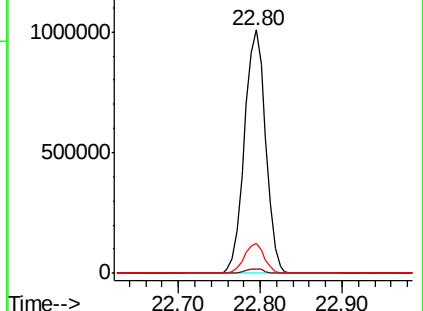
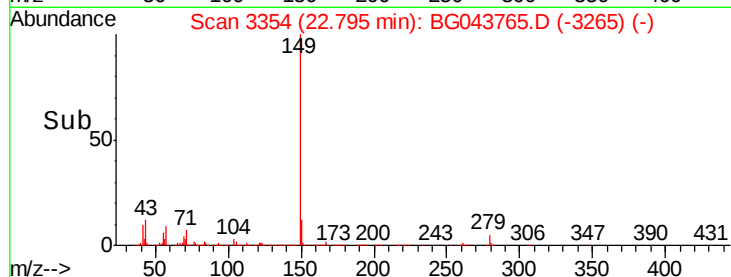
43 11.4 9.8 14.6



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: 38.515 ng

RT: 28.46 min Scan# 4319

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

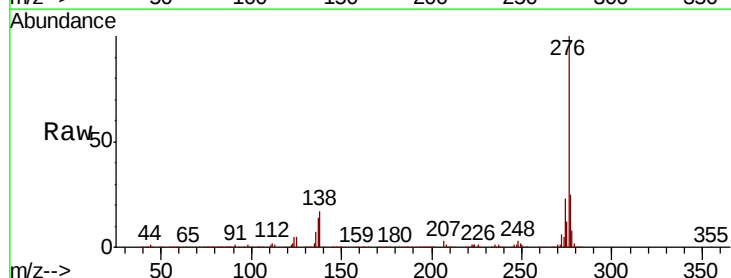
Tgt Ion:276 Resp: 1949961

Ion Ratio Lower Upper

276 100

138 15.9 14.5 21.7

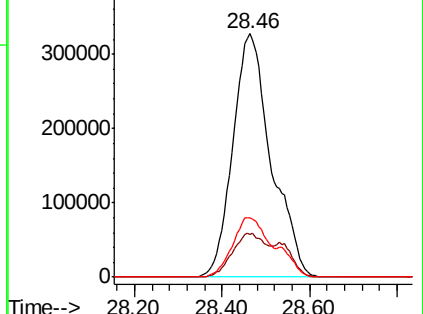
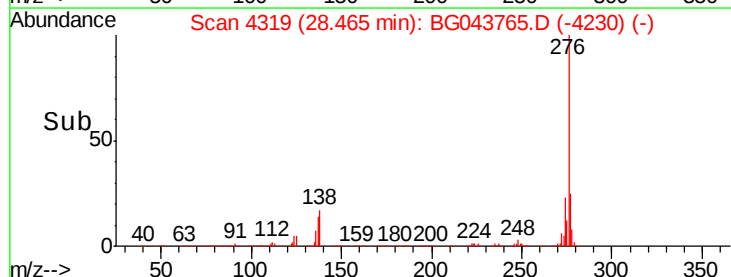
277 21.9 21.1 31.7

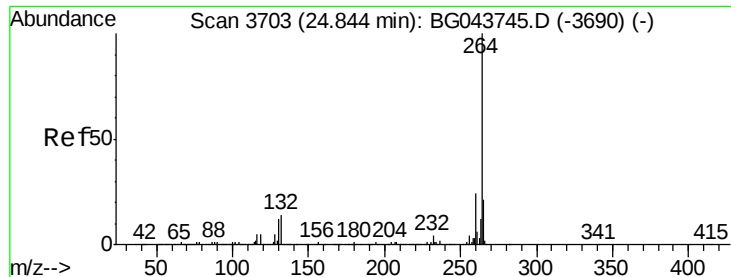


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.85 min Scan# 3703

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

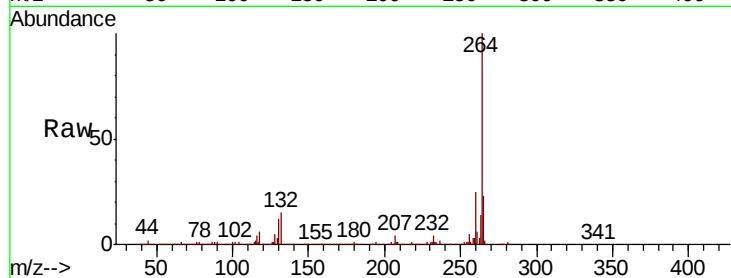
Tot Ion:264 Resp: 613566

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

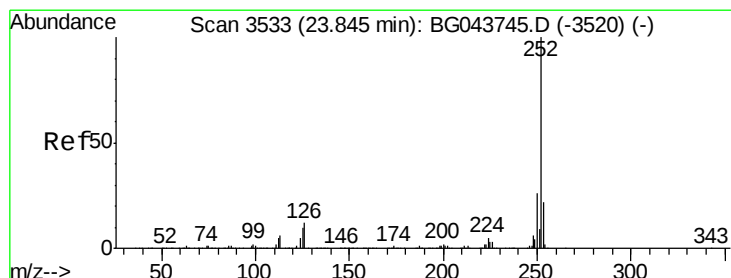
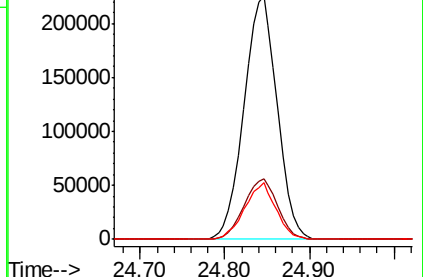
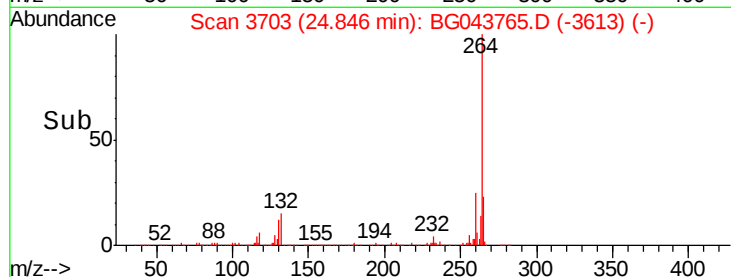
265 23.2 17.0 25.6



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: 47.537 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

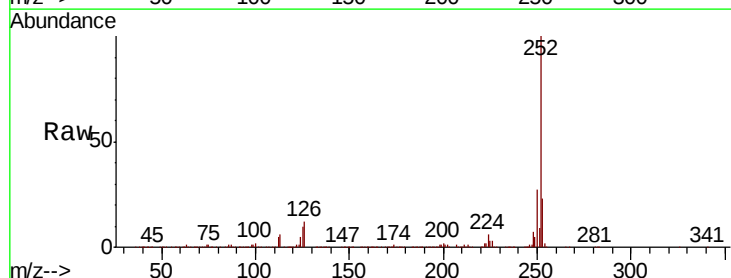
Tgt Ion:252 Resp: 1741445

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

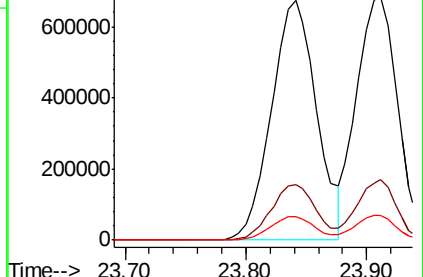
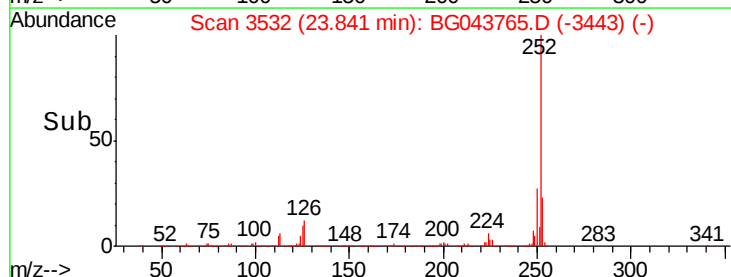
125 9.9 8.0 12.0

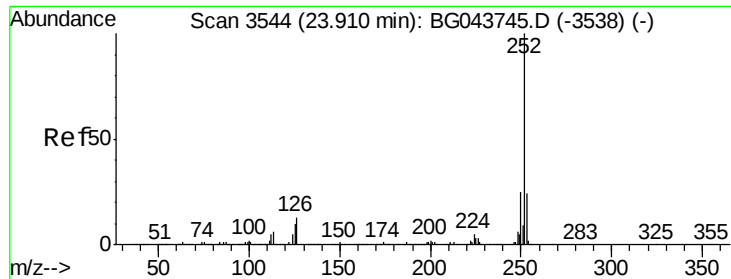


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

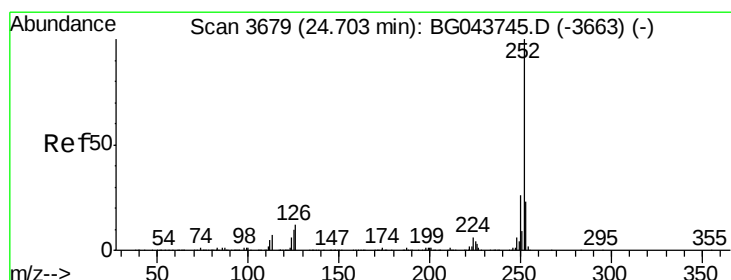
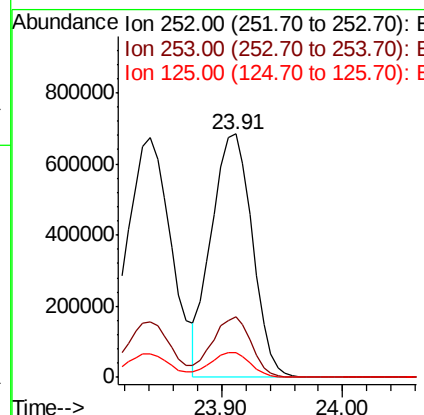
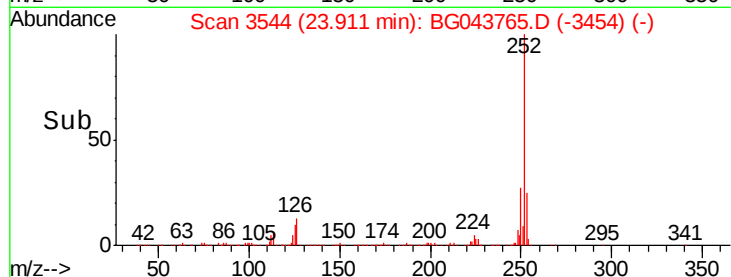
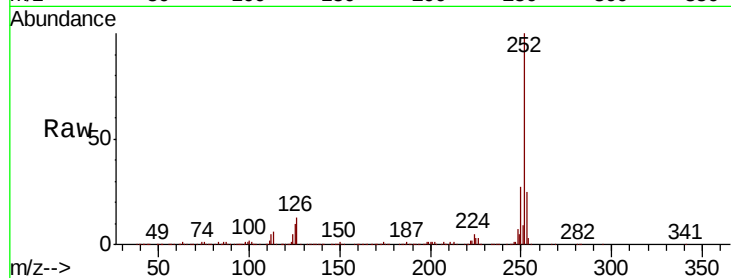




#89
Benzo(k)fluoranthene
Concen: 45.515 ng
RT: 23.91 min Scan# 3544
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

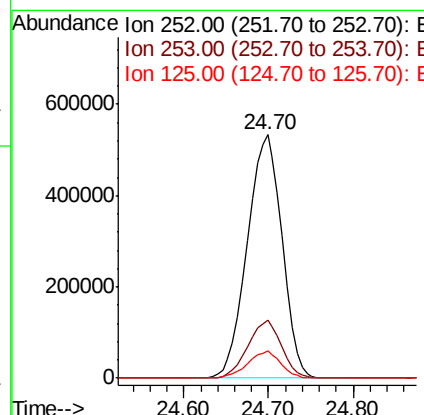
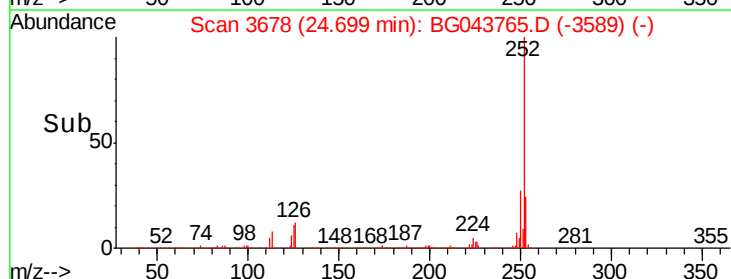
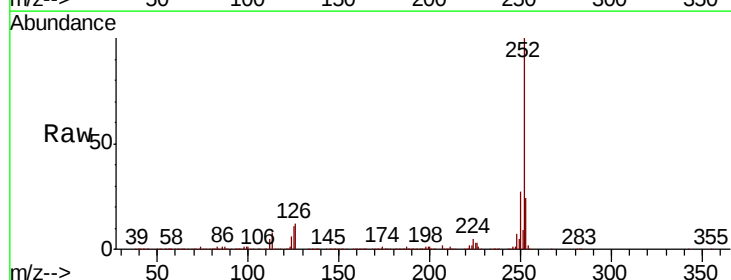
Instrument :
BNA_G
ClientSampled :

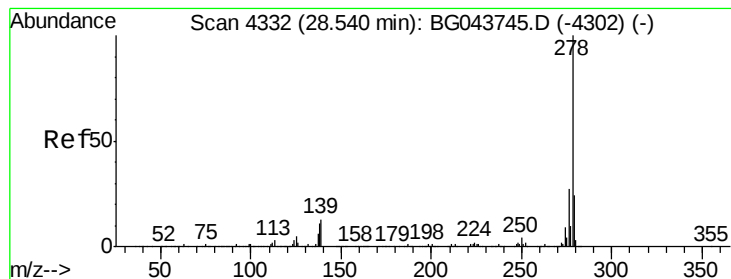
Tot Ion:252 Resp: 1600248
Ion Ratio Lower Upper
252 100
253 25.1 18.8 28.2
125 10.0 7.7 11.5



#90
Benzo(a)pyrene
Concen: 44.337 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion:252 Resp: 1527287
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.4
125 11.2 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 47.890 ng

RT: 28.54 min Scan# 4331

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampled :

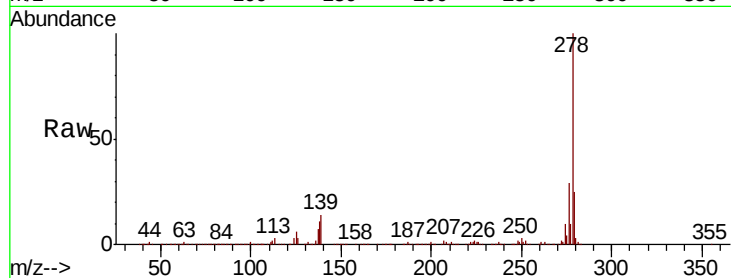
Tot Ion:278 Resp: 1600148

Ion Ratio Lower Upper

278 100

139 13.9 10.4 15.6

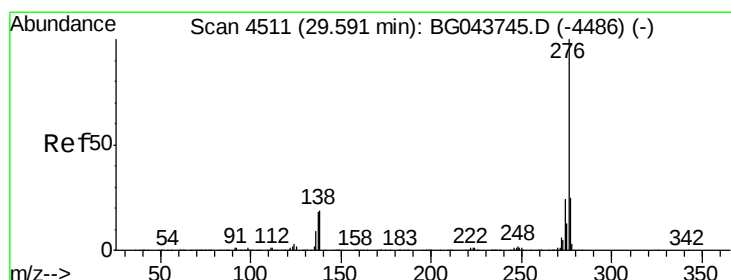
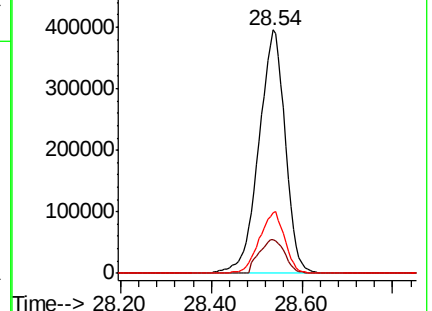
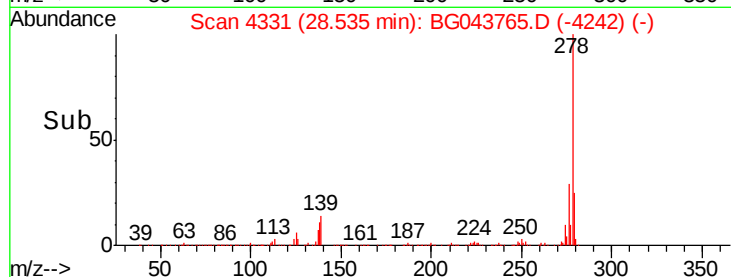
279 24.8 19.3 28.9



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: 49.208 ng

RT: 29.59 min Scan# 4511

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

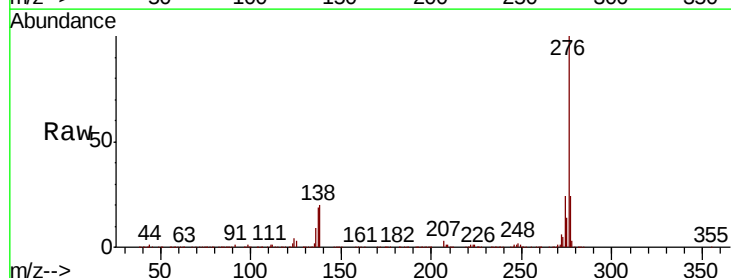
Tgt Ion:276 Resp: 1621411

Ion Ratio Lower Upper

276 100

277 24.5 19.7 29.5

138 20.4 14.9 22.3



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

