

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041296.D
 Acq On : 18 Jun 2019 14:19
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 18 16:24:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34092	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	137247	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	94952	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	239517	20.00	ng	0.00
76) Chrysene-d12	21.74	240	253862	20.00	ng	0.00
87) Perylene-d12	25.05	264	267080	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	163370	88.05	ng	0.00
7) Phenol-d6	7.23	99	230805	85.82	ng	0.00
23) Nitrobenzene-d5	9.26	82	271648	83.24	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	119944	82.28	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	600627	85.97	ng	0.00
79) Terphenyl-d14	20.06	244	1081962	84.46	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	40150	43.154	ng	98
3) Pyridine	3.89	79	104531	42.351	ng	96
4) n-Nitrosodimethylamine	3.82	42	53856	40.916	ng	96
6) Aniline	7.41	93	154406	41.304	ng	96
8) 2-Chlorophenol	7.64	128	92846	42.587	ng	99
9) Benzaldehyde	7.22	77	70864	41.195	ng	94
10) Phenol	7.26	94	121138	41.885	ng	98
11) bis(2-Chloroethyl)ether	7.50	93	95404	43.476	ng	93
12) 1,3-Dichlorobenzene	7.96	146	116463	42.664	ng	91
13) 1,4-Dichlorobenzene	8.12	146	117335	42.080	ng	97
14) 1,2-Dichlorobenzene	8.43	146	111877	42.006	ng	95
15) Benzyl Alcohol	8.32	79	105422	40.912	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	152399	42.424	ng	99
17) 2-Methylphenol	8.52	107	86975	42.065	ng	97
18) Hexachloroethane	9.16	117	46960	42.499	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	88220	40.557	ng	98
20) 3+4-Methylphenols	8.85	107	118185	42.937	ng	96
22) Acetophenone	8.91	105	166460	41.678	ng	# 96
24) Nitrobenzene	9.30	77	137833	41.995	ng	98
25) Isophorone	9.81	82	244392	40.819	ng	98
26) 2-Nitrophenol	10.01	139	57396	43.135	ng	98
27) 2,4-Dimethylphenol	10.06	122	85026	42.629	ng	93
28) bis(2-Chloroethoxy)methane	10.30	93	127969	41.021	ng	96
29) 2,4-Dichlorophenol	10.54	162	105063	42.482	ng	94
30) 1,2,4-Trichlorobenzene	10.76	180	133827	42.252	ng	94
31) Naphthalene	10.95	128	310296	41.599	ng	99
32) Benzoic acid	10.19	122	50805	39.129	ng	98
33) 4-Chloroaniline	11.07	127	131578	41.535	ng	97
34) Hexachlorobutadiene	11.21	225	104880	41.716	ng	97
35) Caprolactam	11.85	113	33229	39.029	ng	94
36) 4-Chloro-3-methylphenol	12.18	107	117918	41.279	ng	99
37) 2-Methylnaphthalene	12.55	142	225743	41.090	ng	97
38) 1-Methylnaphthalene	12.77	142	213577	40.633	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	170450	43.473	ng	99

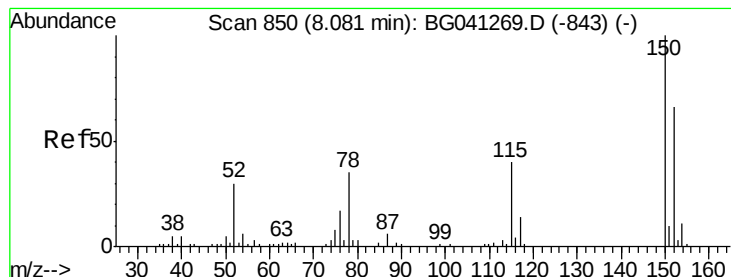
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041296.D
 Acq On : 18 Jun 2019 14:19
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 18 16:24:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	98880	37.440	ng	94
43) 2,4,6-Trichlorophenol	13.15	196	104951	43.270	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	106436	42.648	ng	97
46) 1,1'-Biphenyl	13.55	154	306469	42.694	ng	99
47) 2-Chloronaphthalene	13.60	162	266462	43.116	ng	99
48) 2-Nitroaniline	13.81	65	93220	41.186	ng	93
49) Acenaphthylene	14.44	152	390328	41.621	ng	99
50) Dimethylphthalate	14.16	163	350349	41.469	ng	99
51) 2,6-Dinitrotoluene	14.30	165	72807	40.871	ng	97
52) Acenaphthene	14.78	154	228079	41.417	ng	97
53) 3-Nitroaniline	14.63	138	72153	41.111	ng	97
54) 2,4-Dinitrophenol	14.84	184	45951	38.547	ng	92
55) Dibenzofuran	15.11	168	398256	41.595	ng	98
56) 4-Nitrophenol	14.93	139	50850	39.821	ng	97
57) 2,4-Dinitrotoluene	15.09	165	105566	40.539	ng	# 98
58) Fluorene	15.76	166	311491	41.356	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.34	232	104448	40.471	ng	# 97
60) Diethylphthalate	15.51	149	351394	40.921	ng	98
61) 4-Chlorophenyl-phenylether	15.75	204	198960	40.600	ng	97
62) 4-Nitroaniline	15.80	138	77911	41.505	ng	98
63) Azobenzene	16.04	77	314290	41.026	ng	98
65) 4,6-Dinitro-2-methylphenol	15.84	198	54701	35.185	ng	98
66) n-Nitrosodiphenylamine	15.97	169	276270	43.440	ng	100
67) 4-Bromophenyl-phenylether	16.64	248	134517	43.434	ng	99
68) Hexachlorobenzene	16.75	284	142313	42.912	ng	95
69) Atrazine	16.91	200	99962	43.455	ng	98
70) Pentachlorophenol	17.11	266	70005	41.223	ng	96
71) Phenanthrene	17.51	178	541781	42.412	ng	99
72) Anthracene	17.59	178	539032	42.802	ng	99
73) Carbazole	17.87	167	470766	42.732	ng	98
74) Di-n-butylphthalate	18.40	149	591797	43.052	ng	98
75) Fluoranthene	19.51	202	722280	42.560	ng	100
77) Benzidine	19.69	184	255876	41.671	ng	98
78) Pyrene	19.87	202	723785	42.276	ng	99
80) Butylbenzylphthalate	20.74	149	282155	43.570	ng	99
81) Benzo(a)anthracene	21.72	228	725611	42.214	ng	99
82) 3,3'-Dichlorobenzidine	21.64	252	262428	43.492	ng	99
83) Chrysene	21.79	228	696164	42.115	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	375230	42.518	ng	# 98
85) Di-n-octyl phthalate	22.82	149	635713	42.577	ng	100
86) Indeno(1,2,3-cd)pyrene	28.86	276	804957	41.045	ng	# 98
88) Benzo(b)fluoranthene	23.99	252	702089	42.417	ng	99
89) Benzo(k)fluoranthene	24.06	252	678021	41.350	ng	99
90) Benzo(a)pyrene	24.90	252	658974	42.156	ng	98
91) Dibenzo(a,h)anthracene	28.92	278	655648	41.662	ng	99
92) Benzo(g,h,i)perylene	30.06	276	629105	40.451	ng	97

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

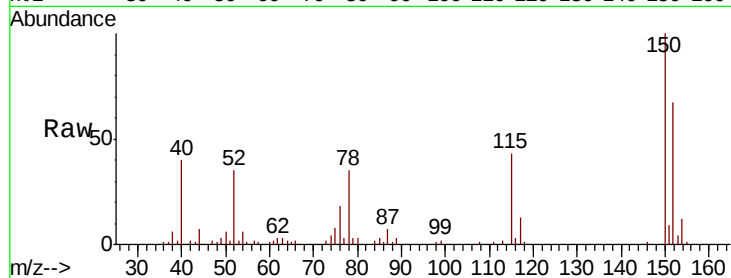


#1

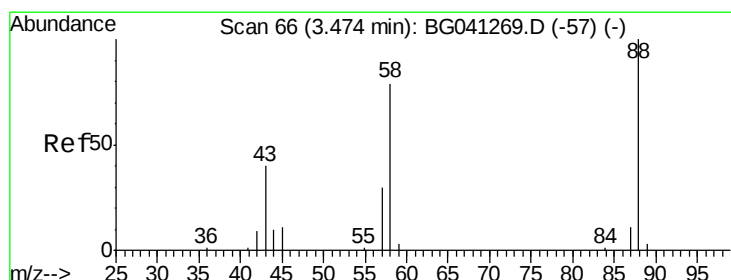
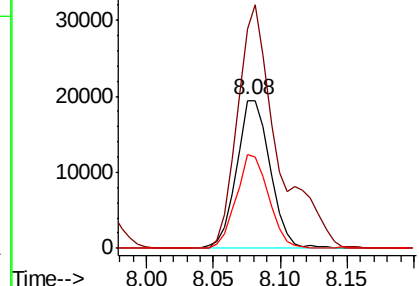
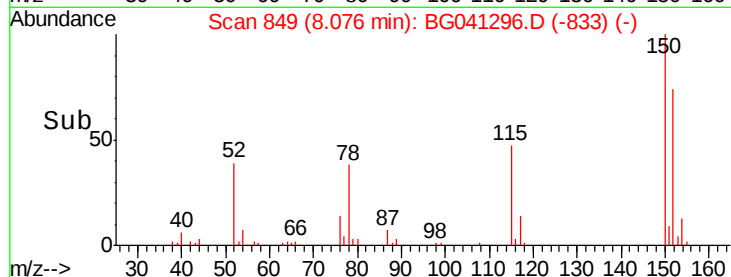
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34092
Ion Ratio Lower Upper
152 100
150 148.4 120.6 181.0
115 63.7 47.9 71.9



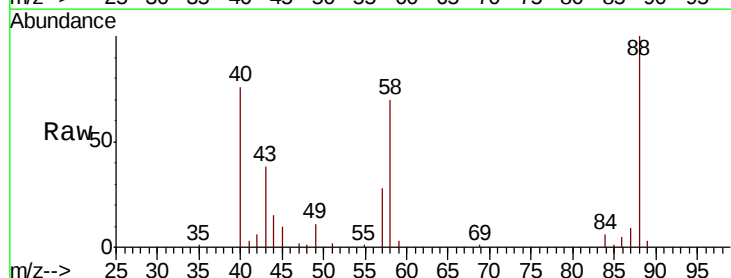
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



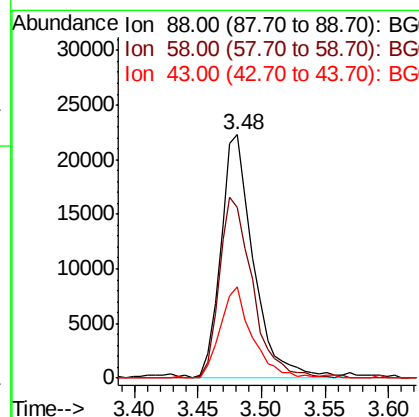
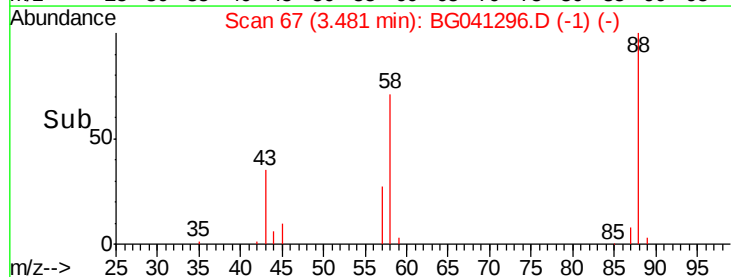
#2

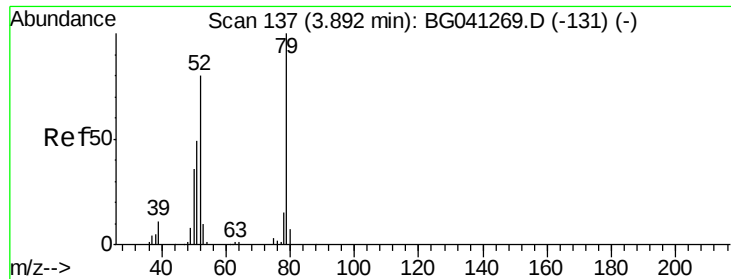
1,4-Dioxane
Concen: 43.154 ng
RT: 3.48 min Scan# 67
Delta R.T. 0.01 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Tgt Ion: 88 Resp: 40150
Ion Ratio Lower Upper
88 100
58 75.1 59.7 89.5
43 36.5 31.9 47.9



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: 42.351 ng

RT: 3.89 min Scan# 137

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Instrument :

BNA_G

ClientSampleId :

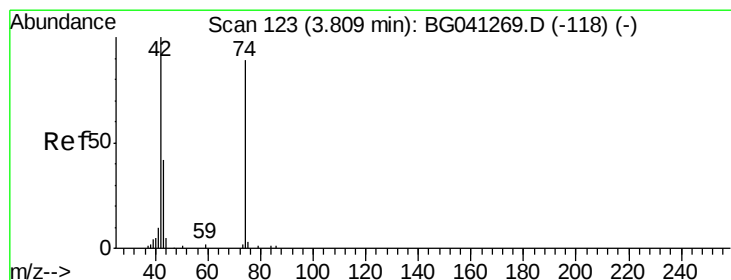
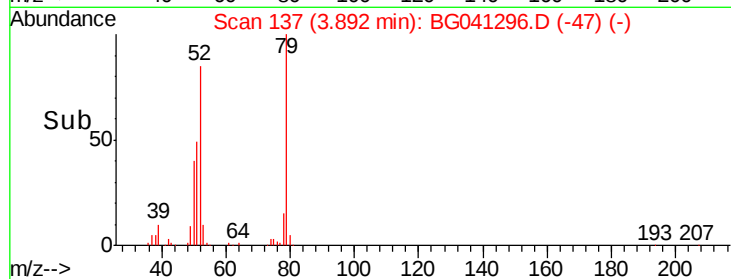
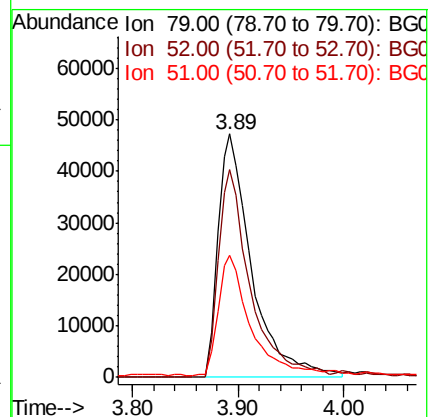
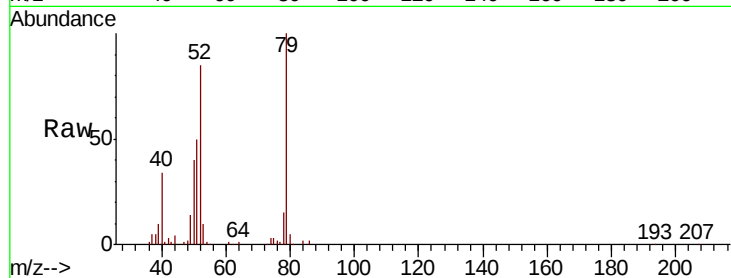
Tot Ion: 79 Resp: 104531

Ion Ratio Lower Upper

79 100

52 85.3 63.6 95.4

51 49.9 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 40.916 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

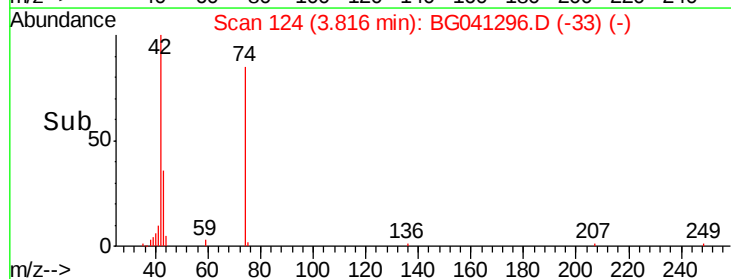
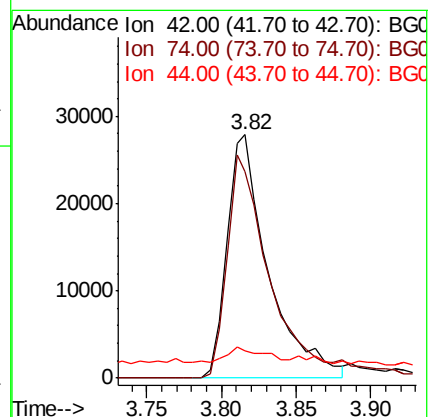
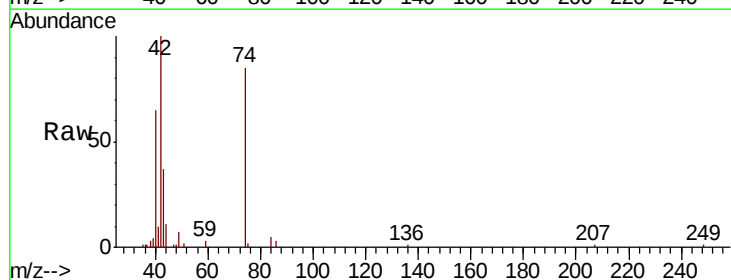
Tgt Ion: 42 Resp: 53856

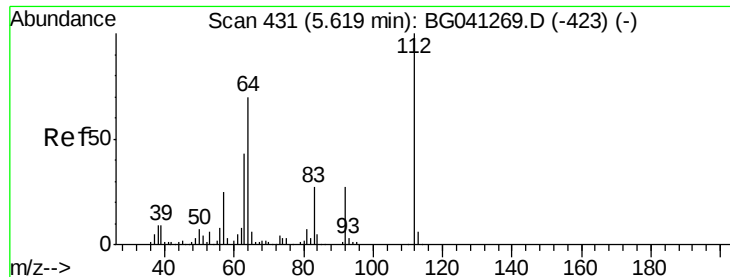
Ion Ratio Lower Upper

42 100

74 84.9 71.6 107.4

44 11.1 9.0 13.4





#5

2-Fluorophenol

Concen: 88.050 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.01 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Instrument :

BNA_G

ClientSampled :

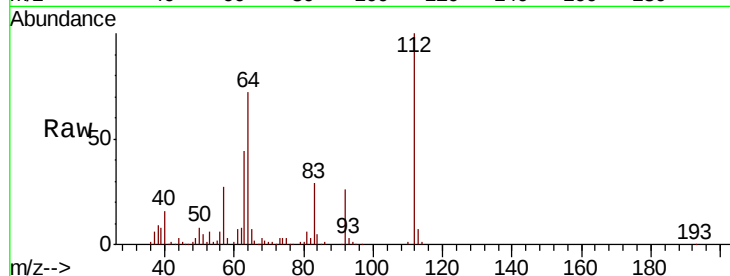
Tot Ion:112 Resp: 163370

Ion Ratio Lower Upper

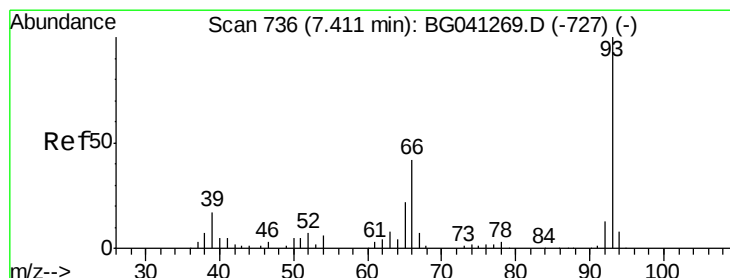
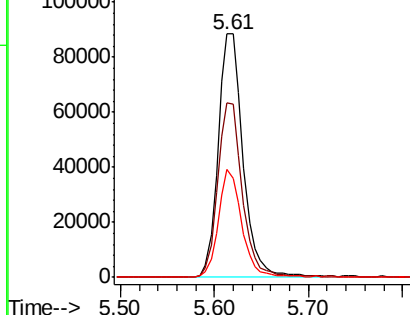
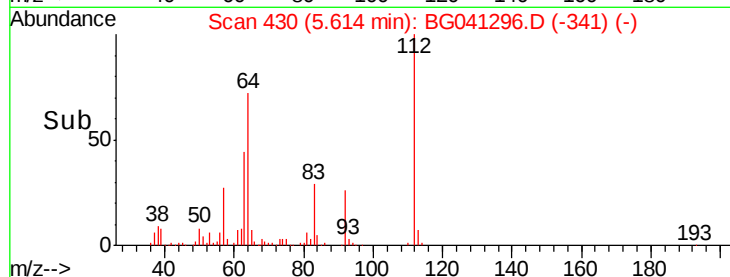
112 100

64 71.6 55.9 83.9

63 44.3 34.6 51.8



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: 41.304 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

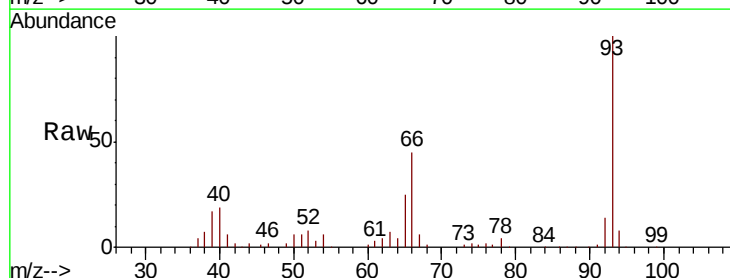
Tgt Ion: 93 Resp: 154406

Ion Ratio Lower Upper

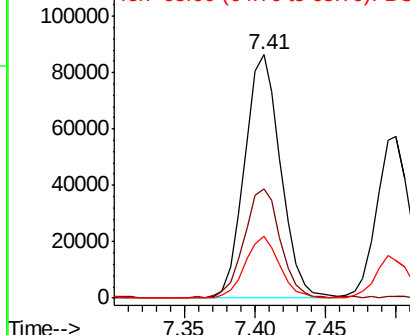
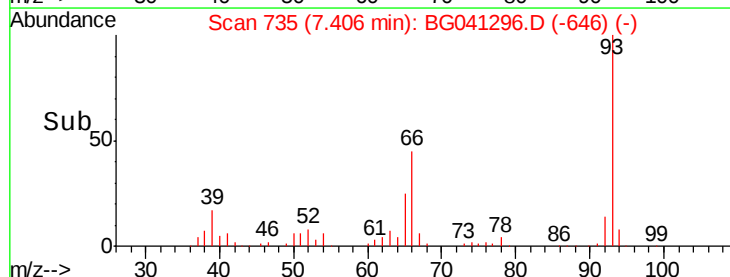
93 100

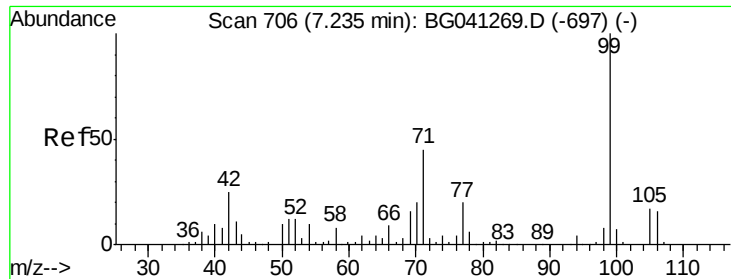
66 44.7 34.2 51.2

65 25.5 17.7 26.5



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





#7

Phenol-d6

Concen: 85.818 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Instrument :

BNA_G

ClientSampleId :

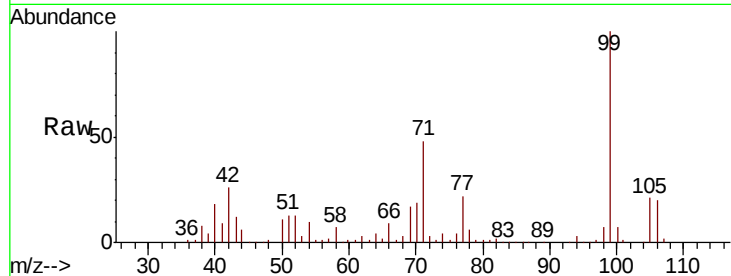
Tot Ion: 99 Resp: 230805

Ion Ratio Lower Upper

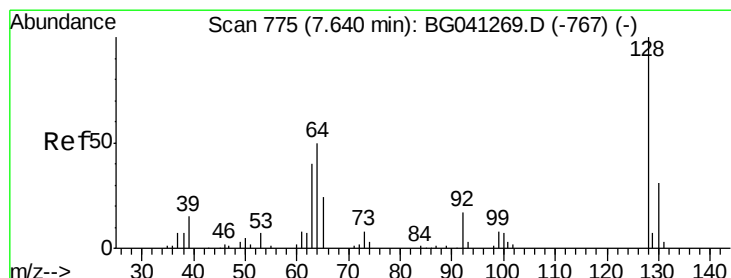
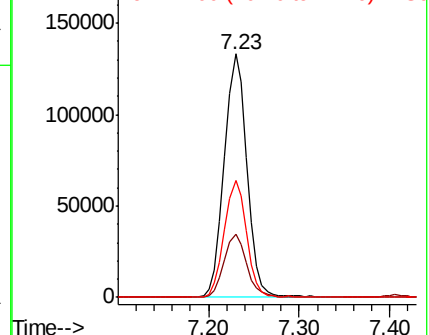
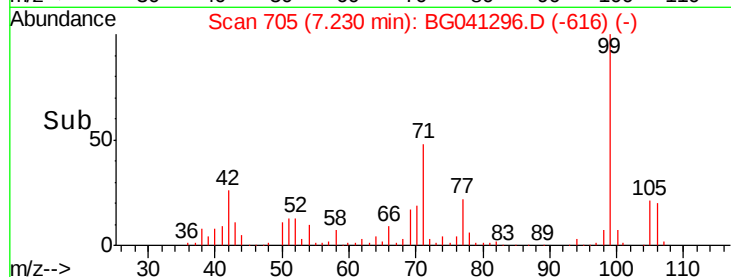
99 100

42 25.8 19.9 29.9

71 47.8 36.4 54.6



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: 42.587 ng

RT: 7.64 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

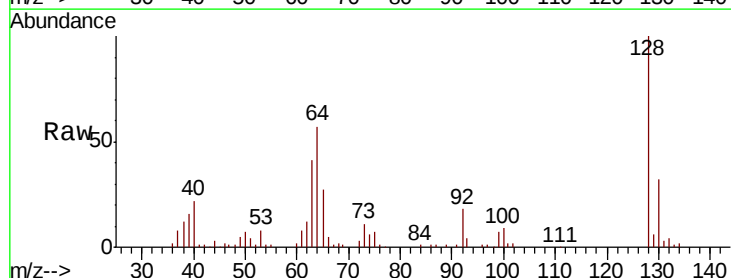
Tgt Ion: 128 Resp: 92846

Ion Ratio Lower Upper

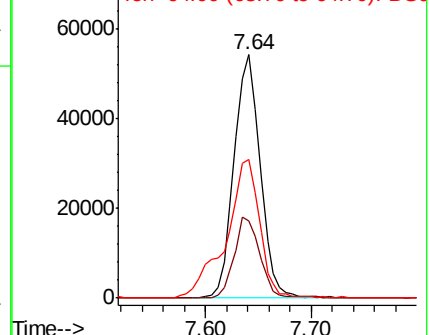
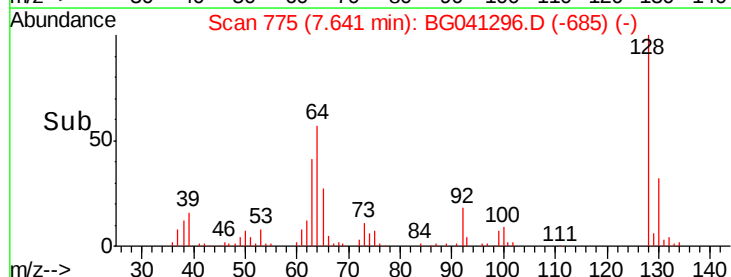
128 100

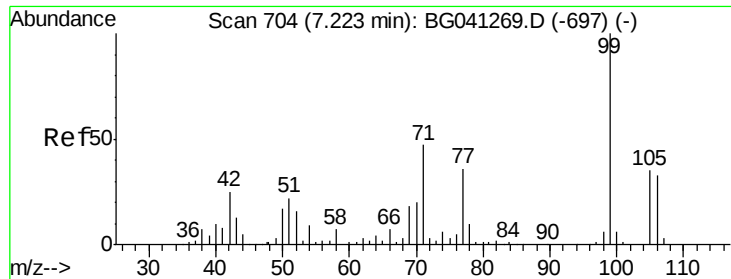
130 31.9 11.1 51.1

64 57.2 36.6 76.6



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

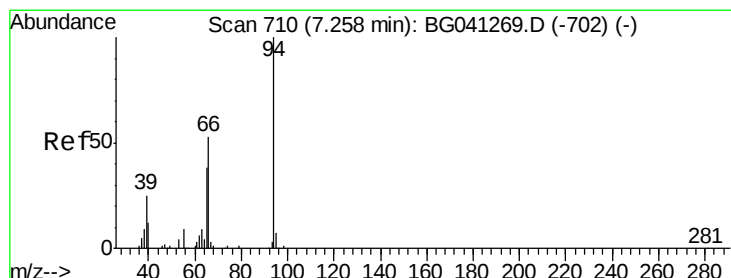
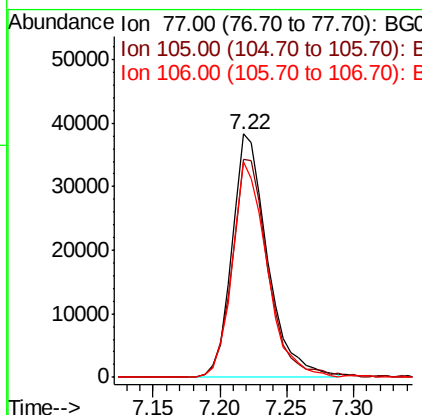
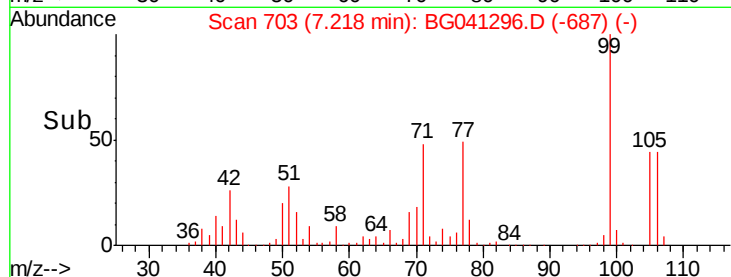
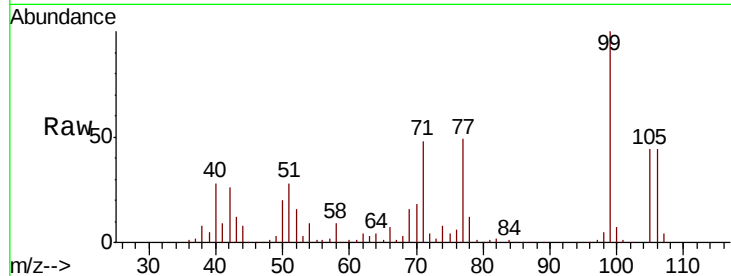




#9
Benzaldehyde
Concen: 41.195 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.01 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

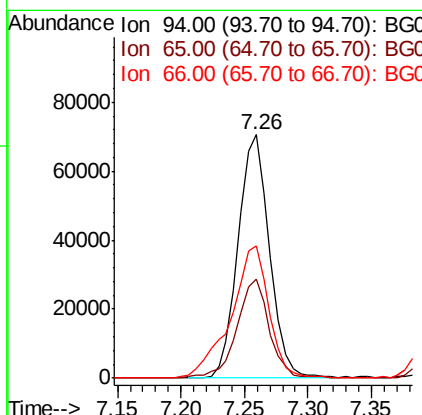
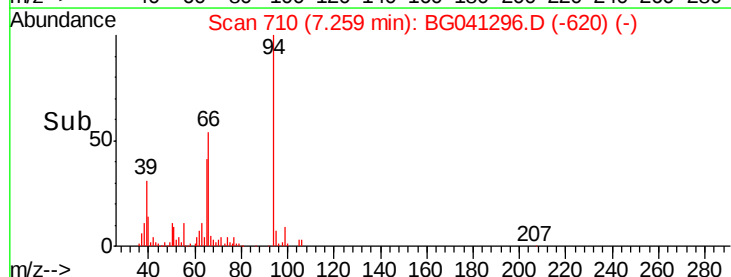
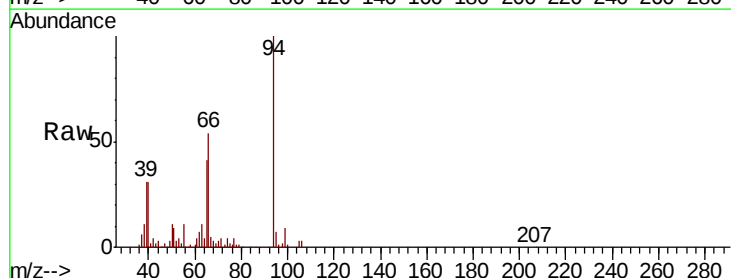
Instrument :
BNA_G
ClientSampled :

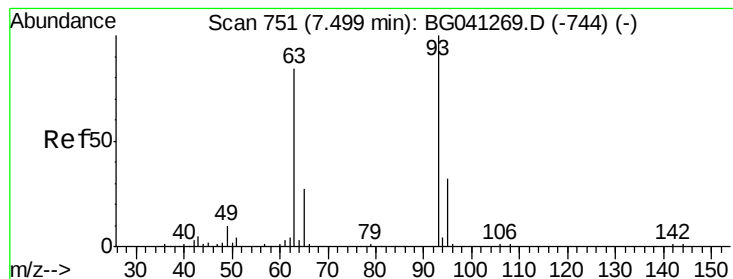
Tot Ion: 77 Resp: 70864
Ion Ratio Lower Upper
77 100
105 89.5 78.7 118.7
106 88.6 71.1 111.1



#10
Phenol
Concen: 41.885 ng
RT: 7.26 min Scan# 710
Delta R.T. 0.00 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Tgt Ion: 94 Resp: 121138
Ion Ratio Lower Upper
94 100
65 40.7 18.7 58.7
66 54.2 35.5 75.5



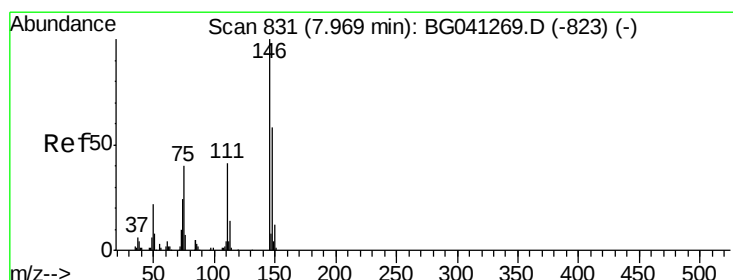
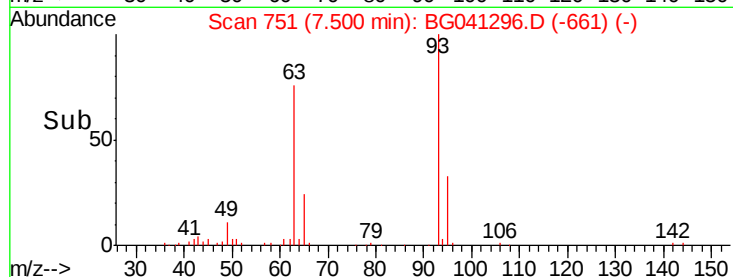
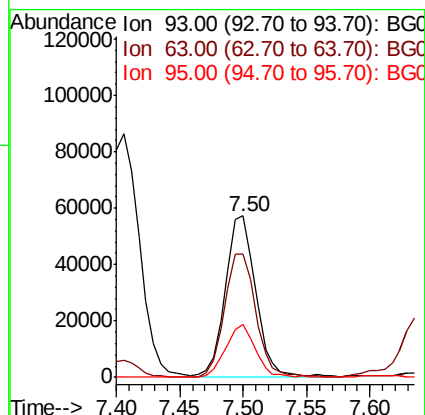
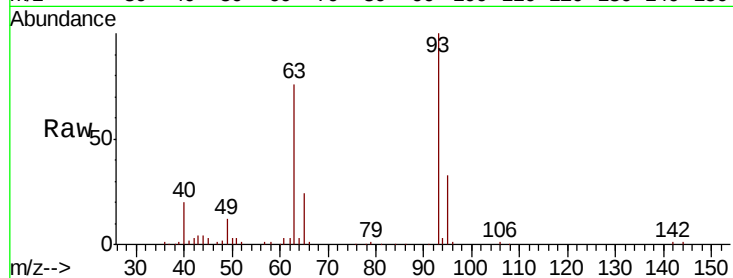


#11

bis(2-Chloroethyl)ether
Concen: 43.476 ng
RT: 7.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Instrument :
BNA_G
ClientSampleId :

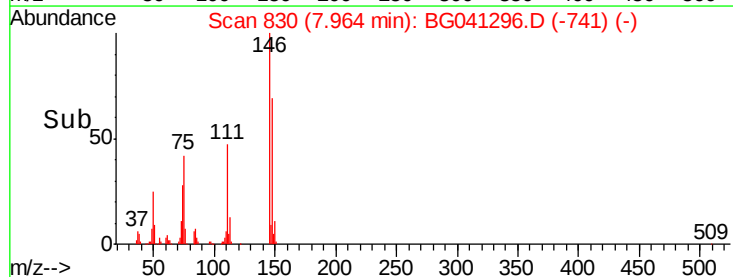
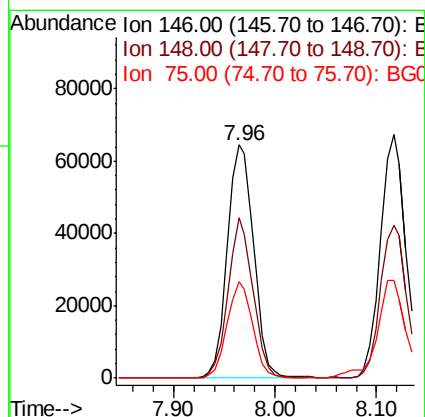
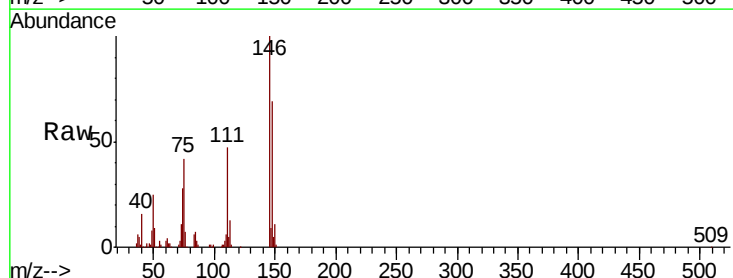
Tot Ion: 93 Resp: 95404
Ion Ratio Lower Upper
93 100
63 76.0 63.6 103.6
95 32.7 11.2 51.2

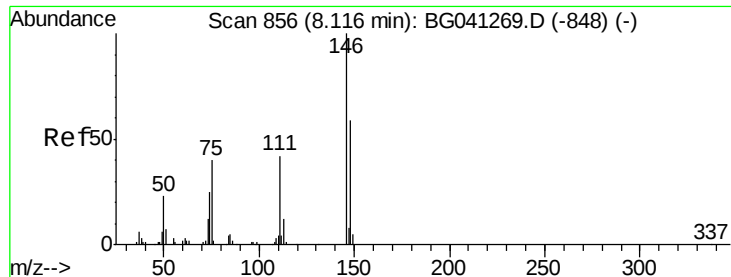


#12

1,3-Dichlorobenzene
Concen: 42.664 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Tgt Ion: 146 Resp: 116463
Ion Ratio Lower Upper
146 100
148 68.7 46.5 69.7
75 41.6 32.2 48.4

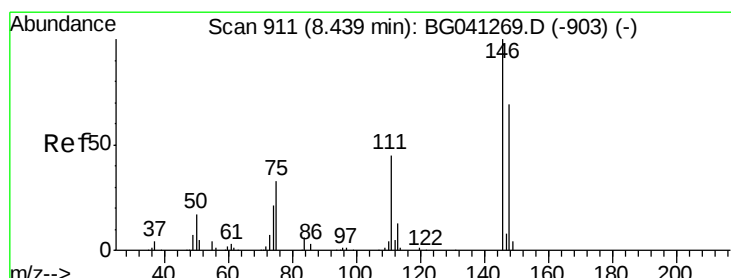
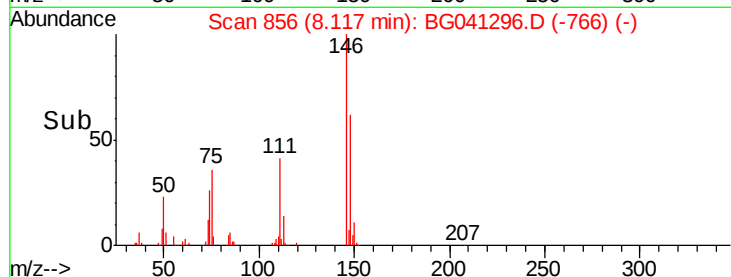
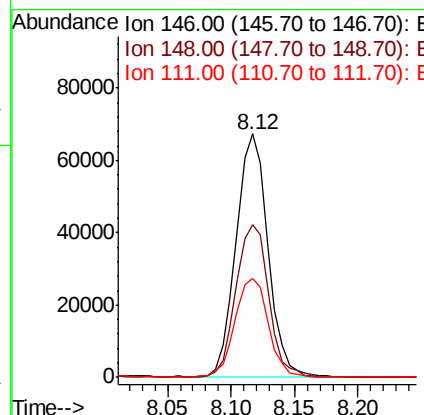
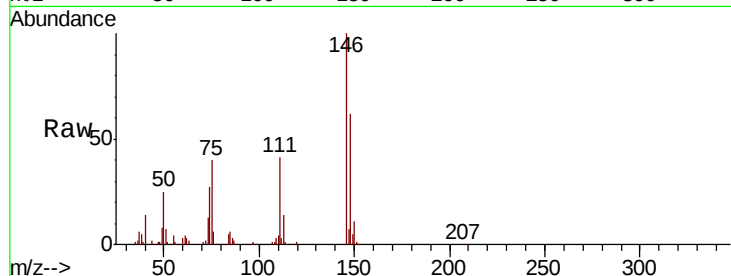




#13
1,4-Dichlorobenzene
Concen: 42.080 ng
RT: 8.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

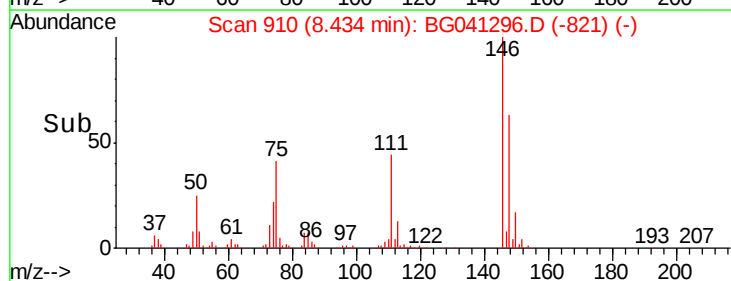
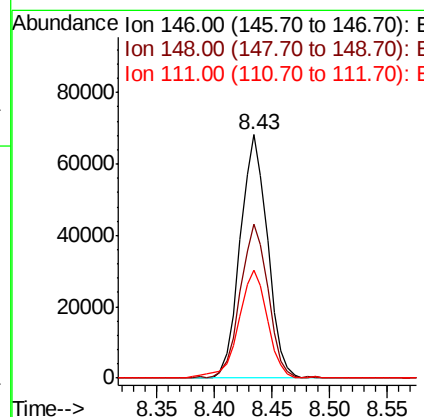
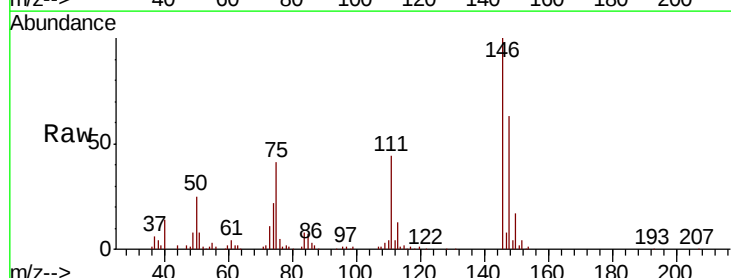
Instrument :
BNA_G
ClientSampled :

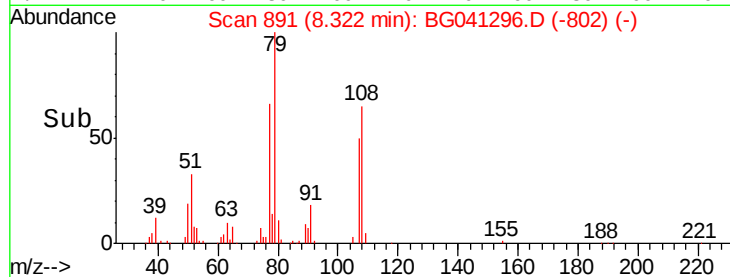
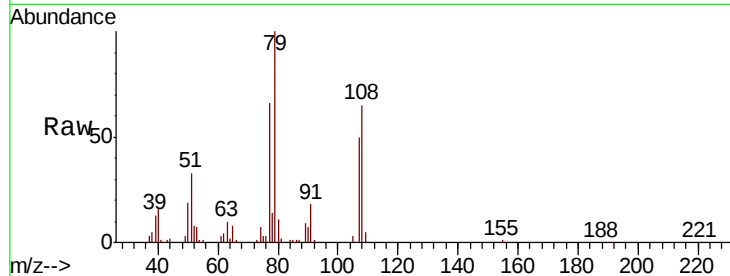
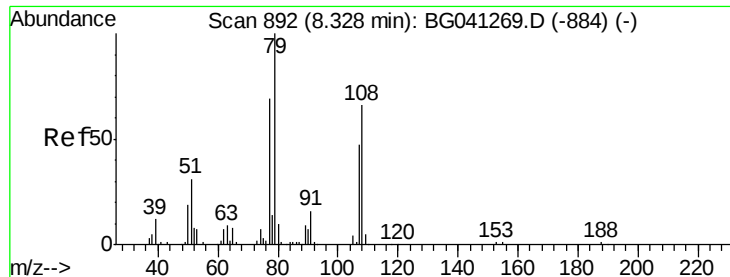
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	47.3	70.9
111	40.6	33.4	50.0



#14
1,2-Dichlorobenzene
Concen: 42.006 ng
RT: 8.43 min Scan# 910
Delta R.T. -0.01 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	54.9	82.3
111	44.4	37.0	55.6





#15

Benzyl Alcohol

Concen: 40.912 ng

RT: 8.32 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

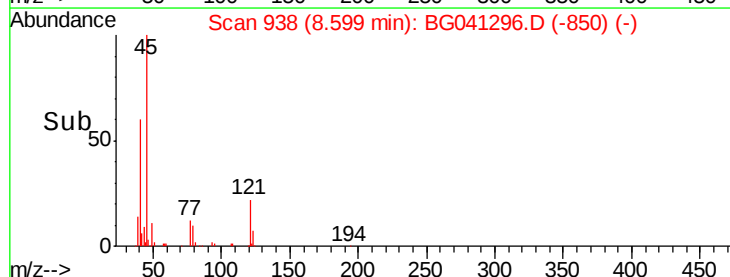
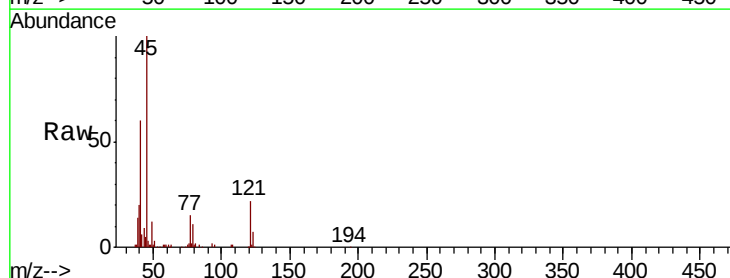
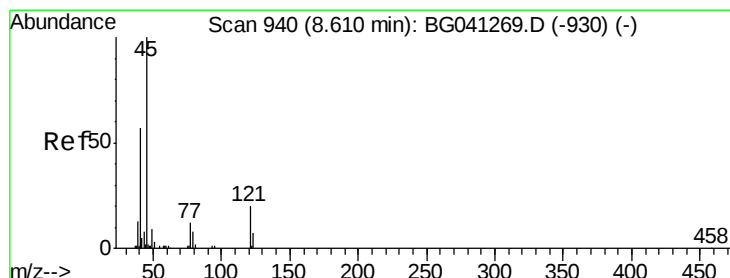
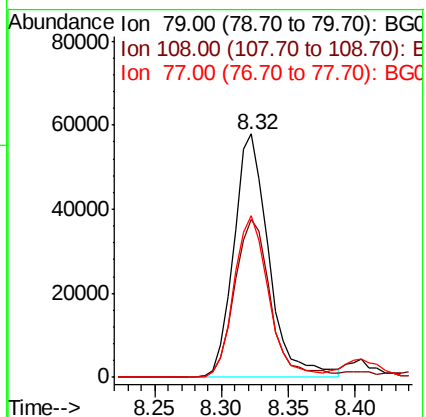
Tot Ion: 79 Resp: 105422

Ion Ratio Lower Upper

79 100

108 65.0 52.7 79.1

77 66.2 55.2 82.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.424 ng

RT: 8.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

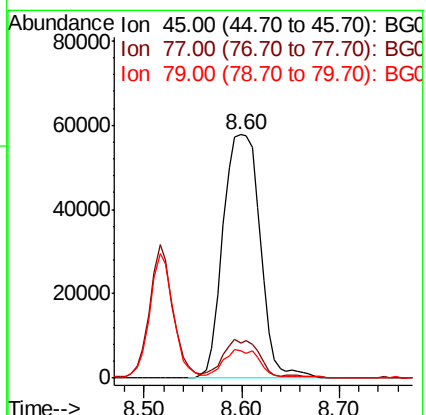
Tgt Ion: 45 Resp: 152399

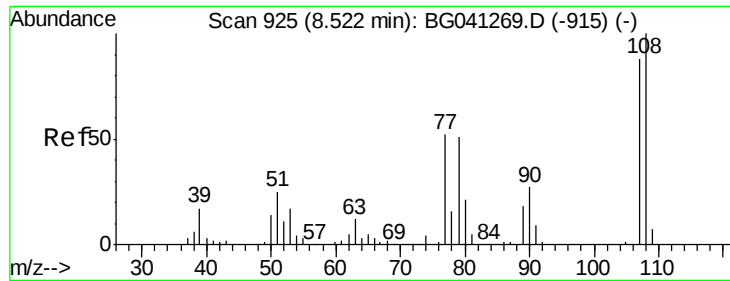
Ion Ratio Lower Upper

45 100

77 14.6 0.0 35.2

79 11.3 0.0 31.6

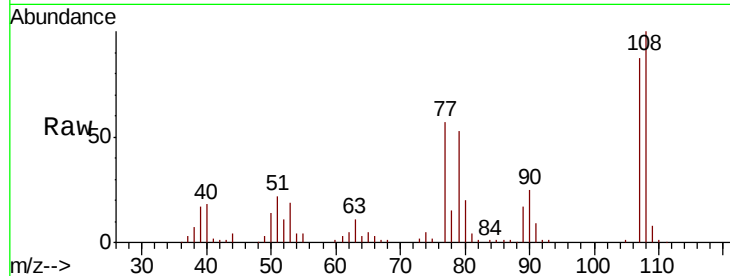




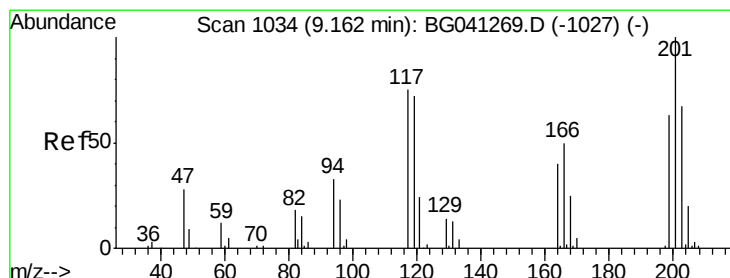
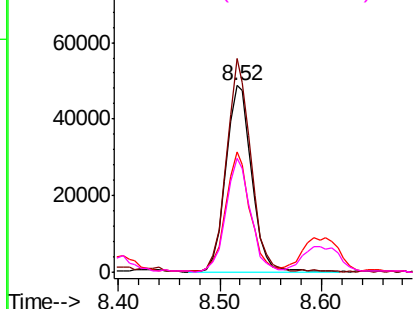
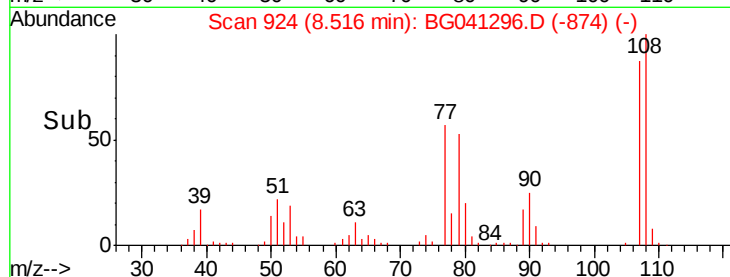
#17
2-Methylphenol
Concen: 42.065 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 86975
Ion Ratio Lower Upper
107 100
108 114.4 91.7 137.5
77 64.7 47.8 71.8
79 60.8 46.8 70.2

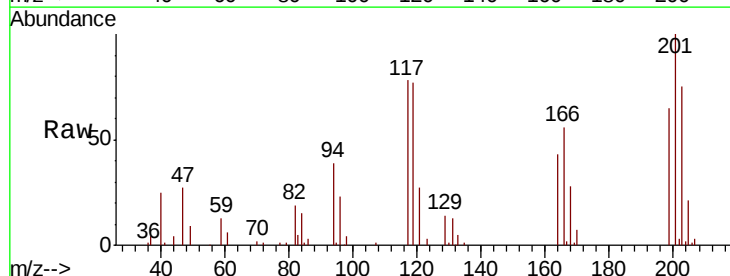


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

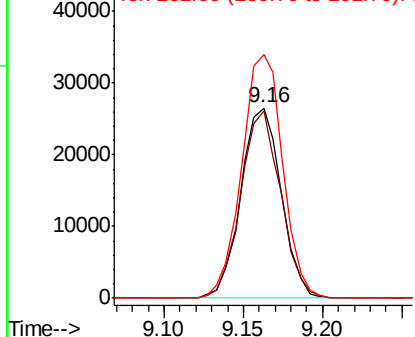
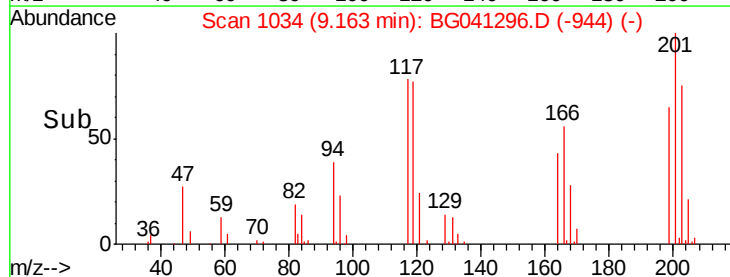


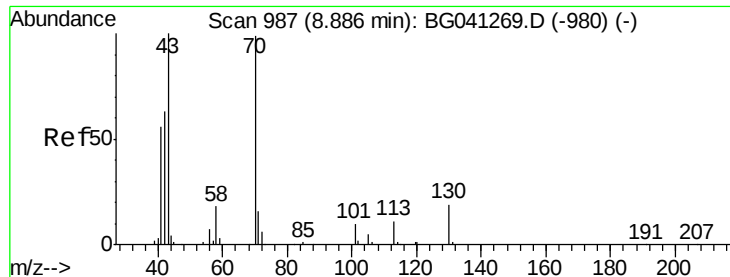
#18
Hexachloroethane
Concen: 42.499 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Tgt Ion:117 Resp: 46960
Ion Ratio Lower Upper
117 100
119 98.6 76.8 115.2
201 128.1 106.3 159.5



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

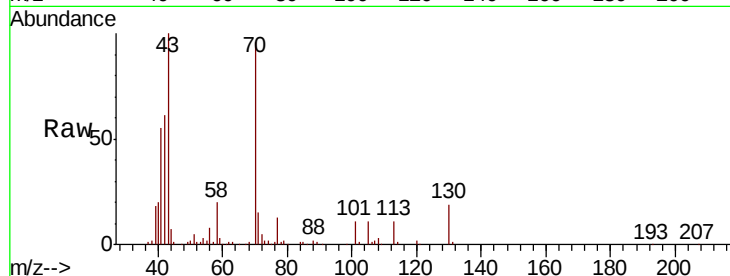




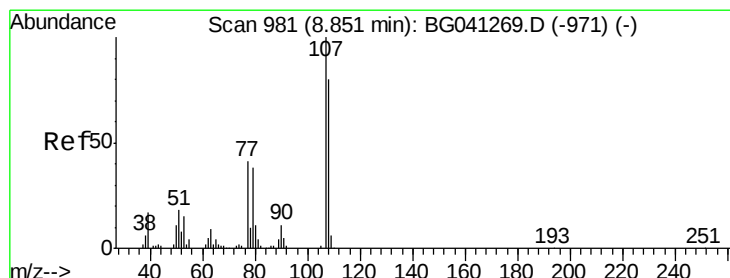
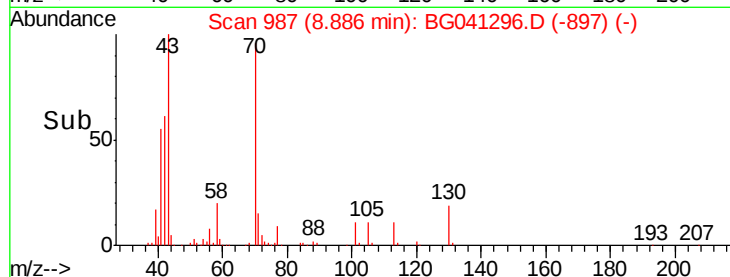
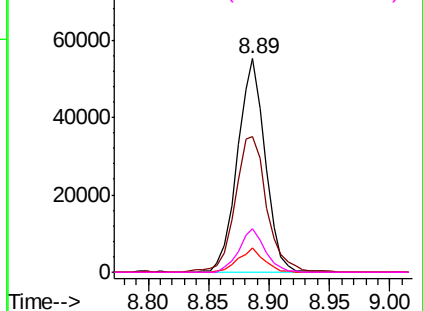
#19
n-Nitroso-di-n-propylamine
Concen: 40.557 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	88220
Ion	Ratio	Lower	Upper
70	100		
42	63.3	51.4	77.2
101	11.2	8.2	12.2
130	20.2	15.2	22.8

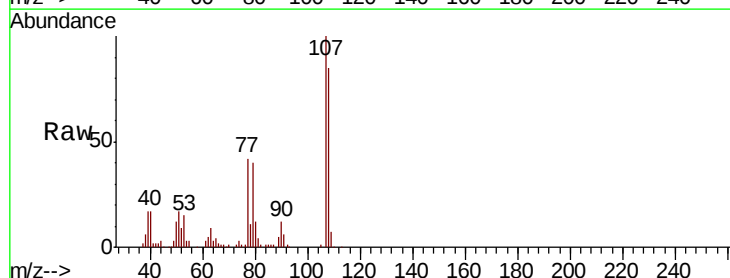


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

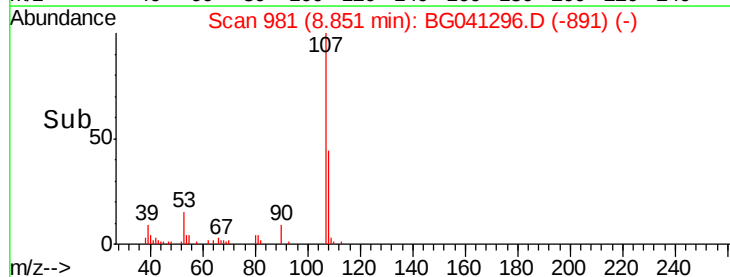
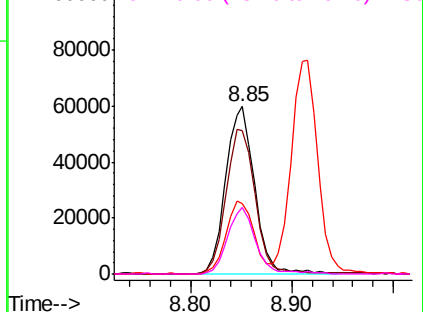


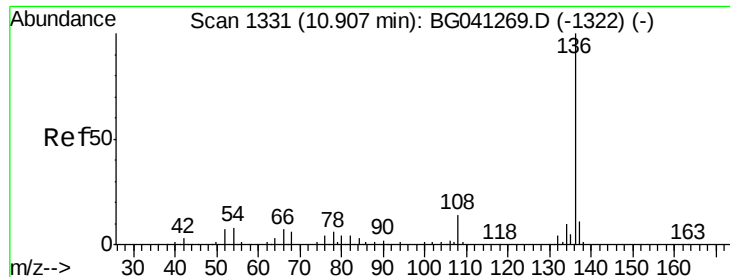
#20
3+4-Methylphenols
Concen: 42.937 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.00 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Tgt Ion:	107	Resp:	118185
Ion	Ratio	Lower	Upper
107	100		
108	85.3	60.4	100.4
77	42.4	21.2	61.2
79	39.6	17.7	57.7



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BG041296.D

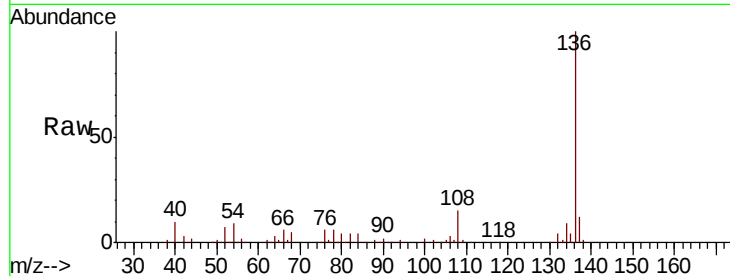
Acq: 18 Jun 2019 14:19

Instrument :

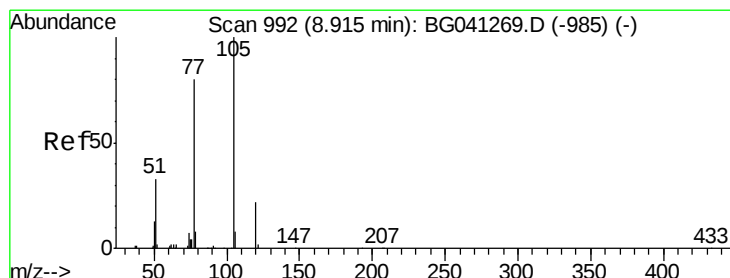
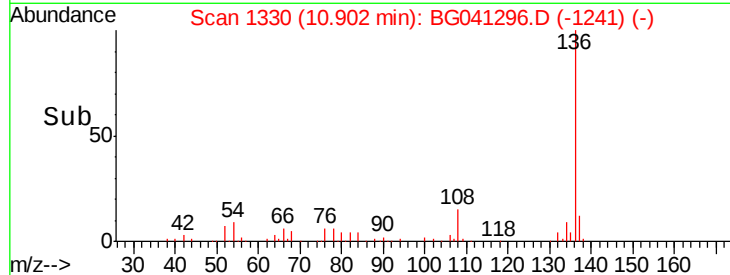
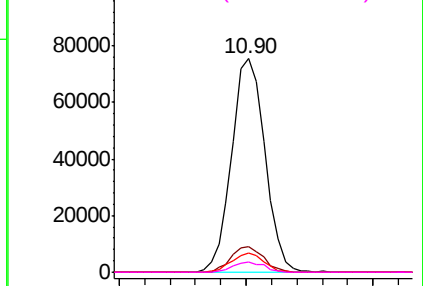
BNA_G

ClientSampleId :

Tot Ion:136	Resp:	137247
Ion Ratio	Lower	Upper
136	100	
137	12.0	8.8 13.2
54	8.8	6.4 9.6
68	4.8	4.8 7.2#



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: 41.678 ng

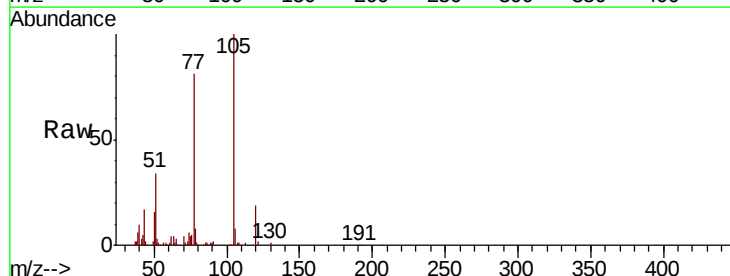
RT: 8.91 min Scan# 991

Delta R.T. -0.01 min

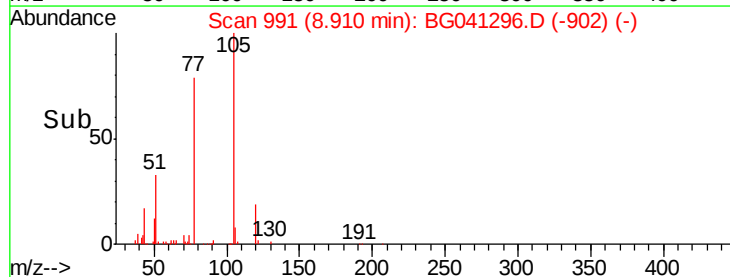
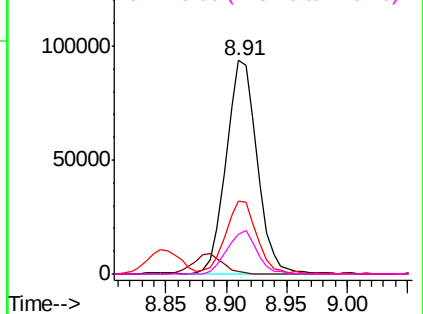
Lab File: BG041296.D

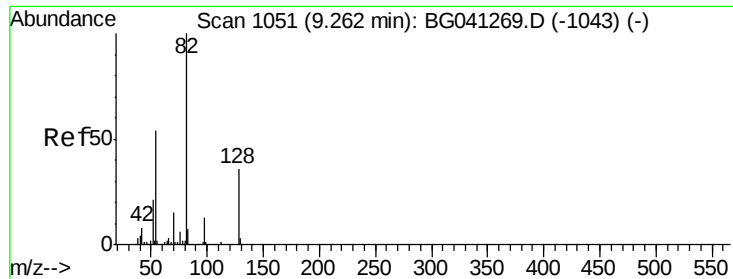
Acq: 18 Jun 2019 14:19

Tgt Ion:105	Resp:	166460
Ion Ratio	Lower	Upper
105	100	
71	1.1	0.4 0.6#
51	34.1	28.2 42.4
120	18.5	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

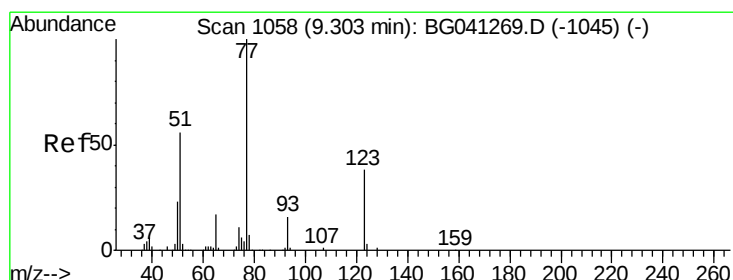
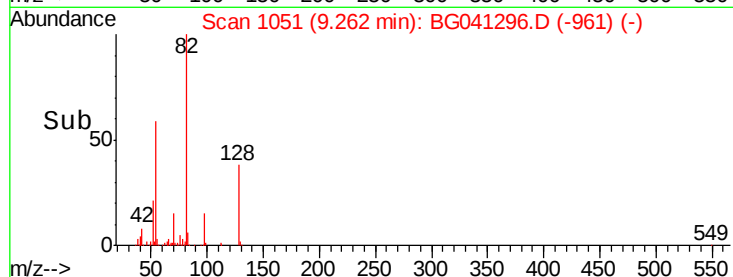
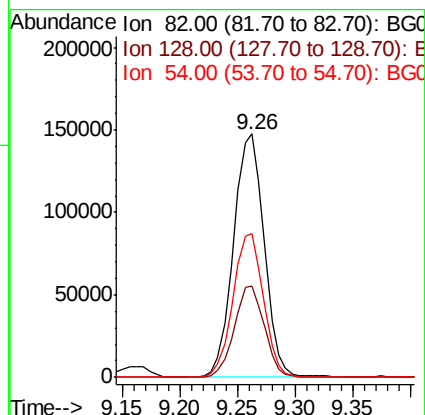
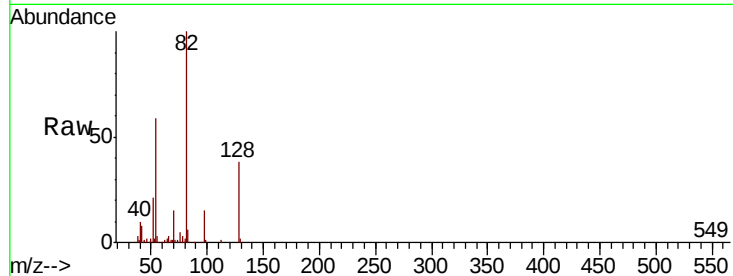




#23
 Nitrobenzene-d5
 Concen: 83.240 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

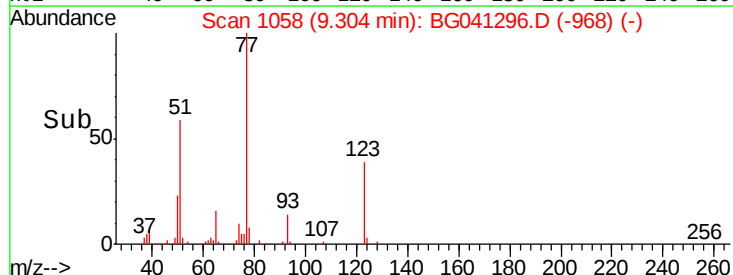
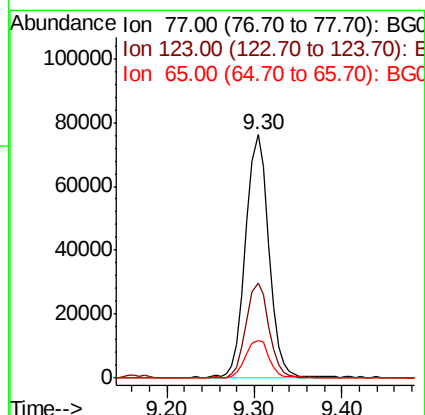
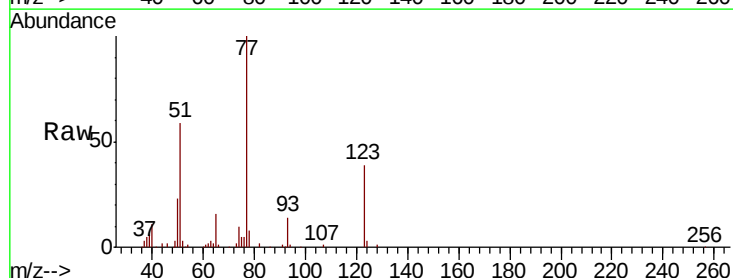
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	271648
Ion Ratio	Lower	Upper	
82	100		
128	37.7	29.2	43.8
54	59.1	43.4	65.0



#24
 Nitrobenzene
 Concen: 41.995 ng
 RT: 9.30 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

Tgt Ion	77	Resp	137833
Ion Ratio	Lower	Upper	
77	100		
123	39.0	30.4	45.6
65	15.7	13.3	19.9





#25

Isophorone

Concen: 40.819 ng

RT: 9.81 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Instrument :

BNA_G

ClientSampleId :

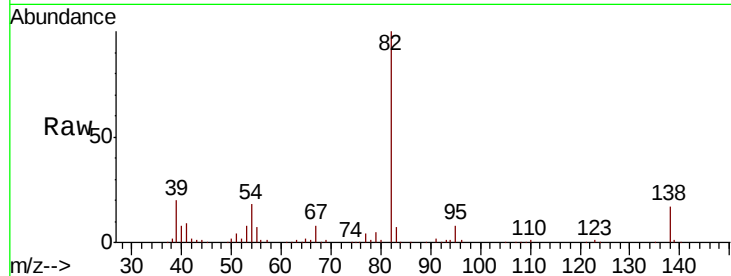
Tot Ion: 82 Resp: 244392

Ion Ratio Lower Upper

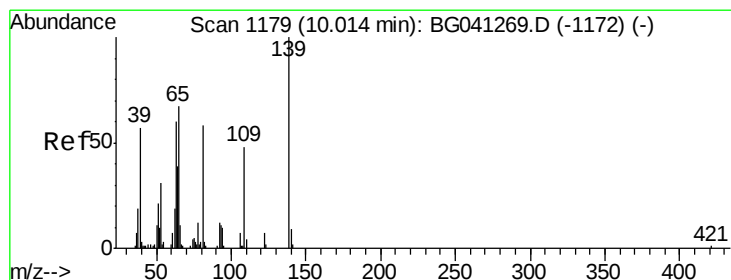
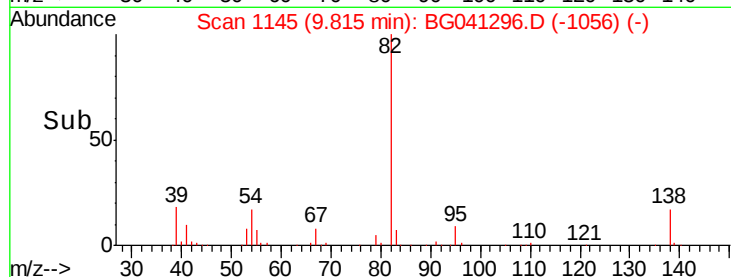
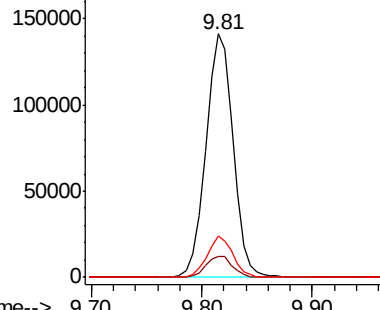
82 100

95 8.4 6.6 10.0

138 16.8 12.3 18.5



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: 43.135 ng

RT: 10.01 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

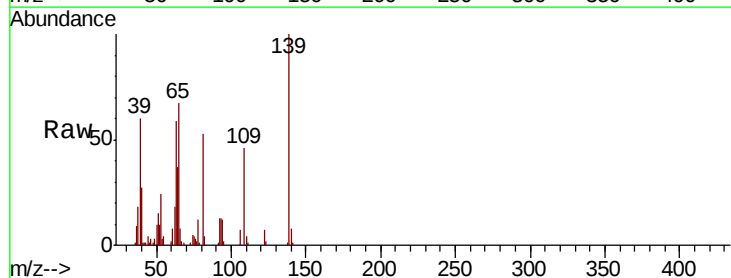
Tgt Ion: 139 Resp: 57396

Ion Ratio Lower Upper

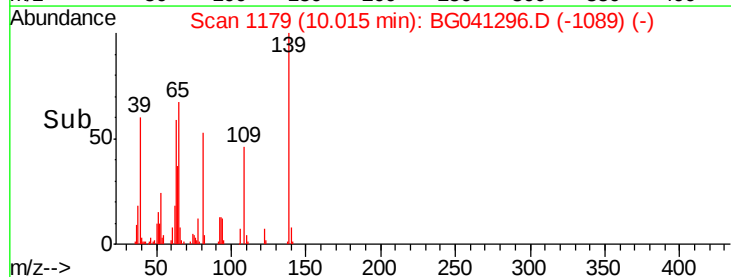
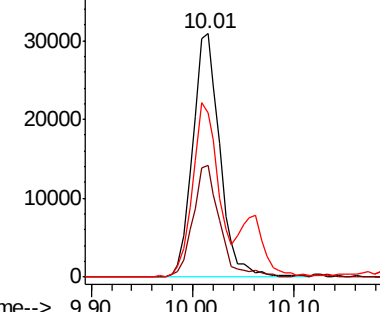
139 100

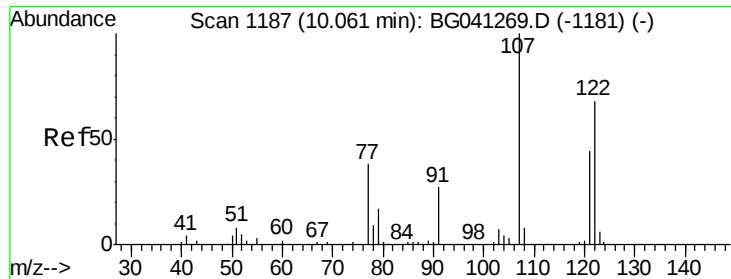
109 46.1 38.4 57.6

65 67.5 53.6 80.4



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

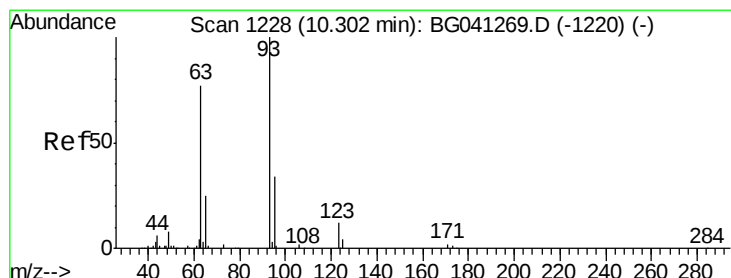
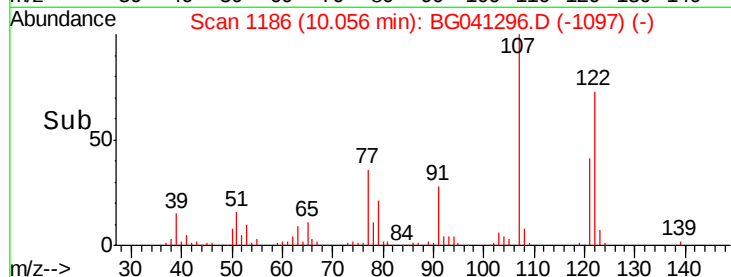
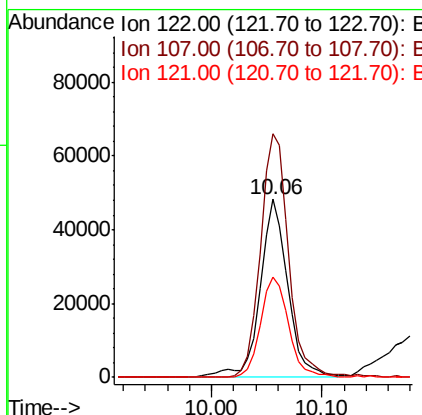
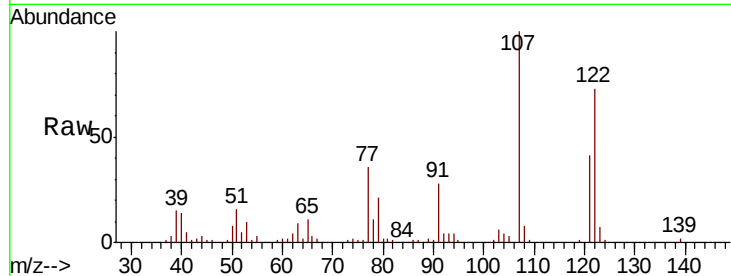




#27
 2,4-Dimethylphenol
 Concen: 42.629 ng
 RT: 10.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

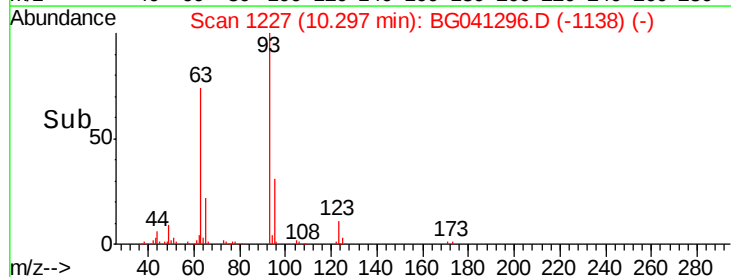
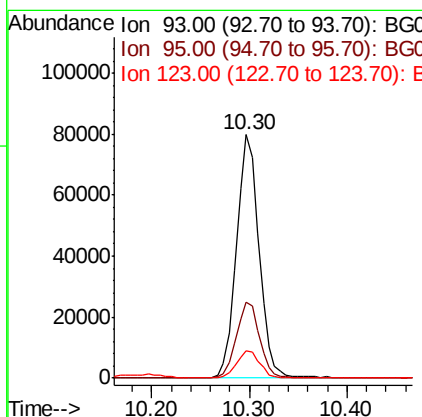
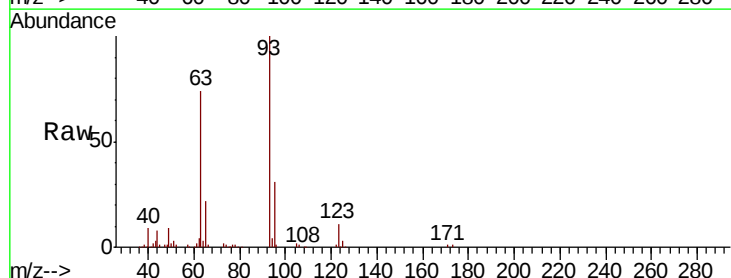
Instrument :
 BNA_G
 ClientSampled :

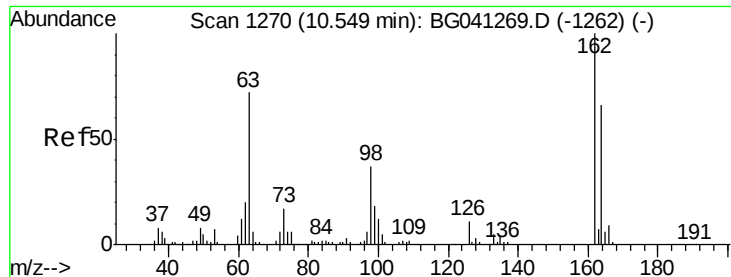
Tot Ion:122 Resp: 85026
 Ion Ratio Lower Upper
 122 100
 107 136.9 115.1 172.7
 121 56.0 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.021 ng
 RT: 10.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

Tgt Ion: 93 Resp: 127969
 Ion Ratio Lower Upper
 93 100
 95 31.3 27.3 40.9
 123 11.4 9.6 14.4

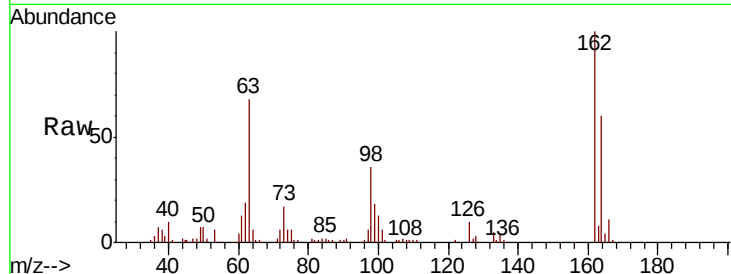




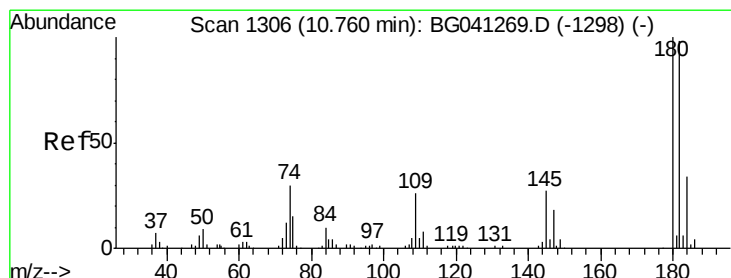
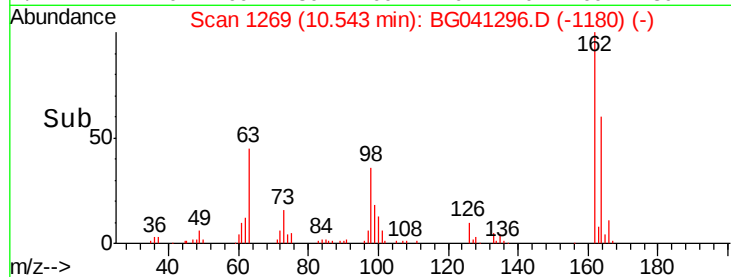
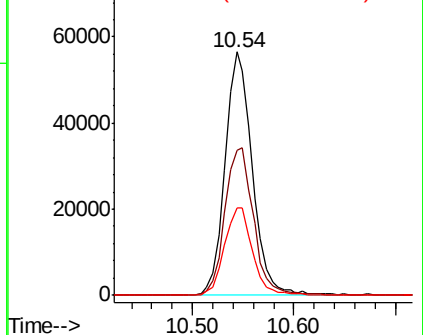
#29
 2,4-Dichlorophenol
 Concen: 42.482 ng
 RT: 10.54 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	59.6	46.0	86.0
98	36.1	17.4	57.4

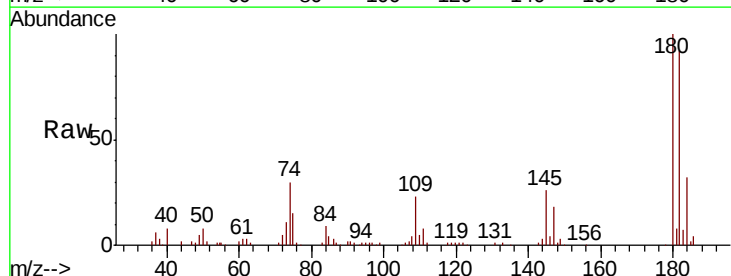


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

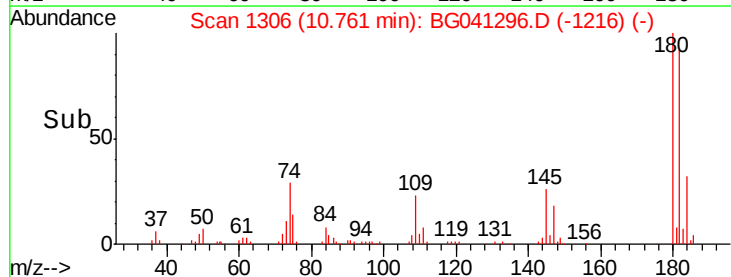
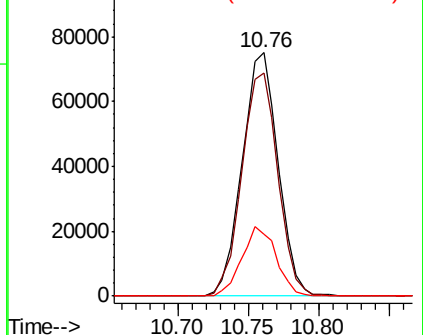


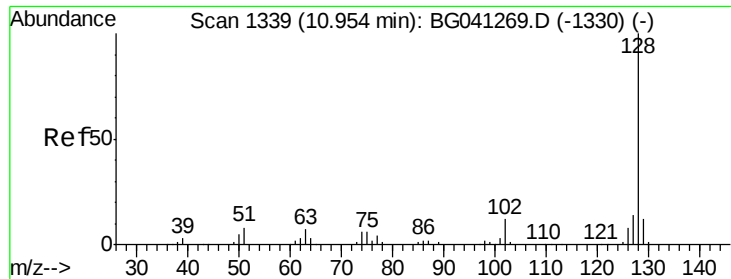
#30
 1,2,4-Trichlorobenzene
 Concen: 42.252 ng
 RT: 10.76 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.7	78.6	117.8
145	25.6	21.7	32.5



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

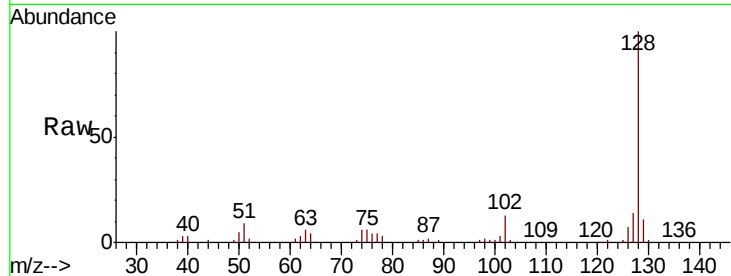




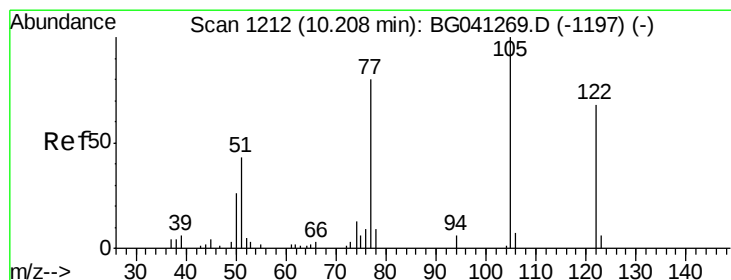
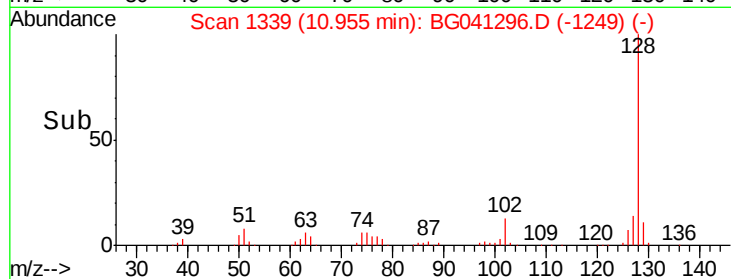
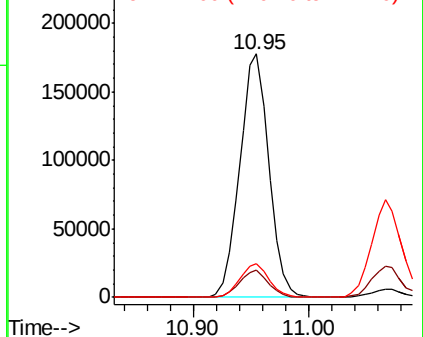
#31
Naphthalene
Concen: 41.599 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 310296
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.8 11.2 16.8

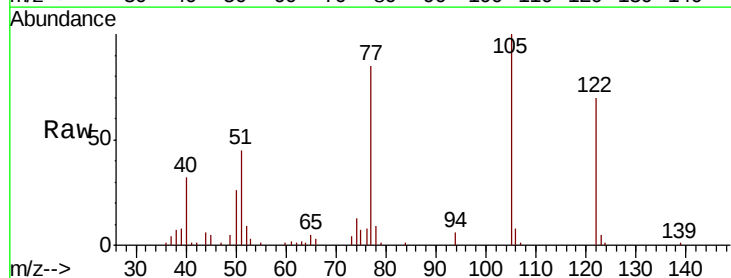


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

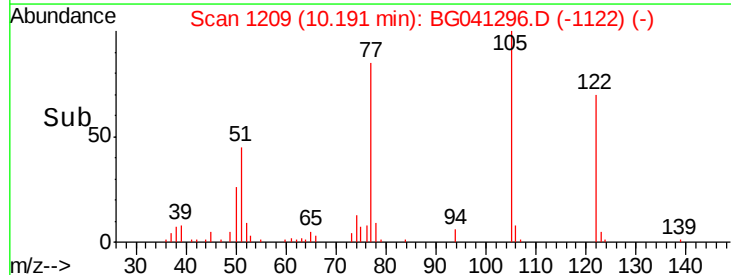
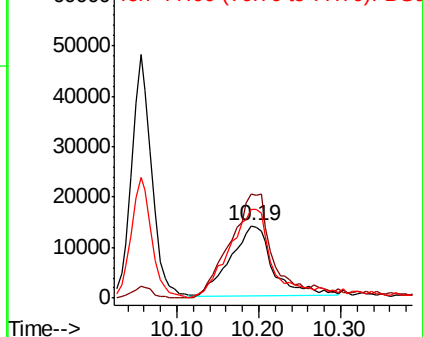


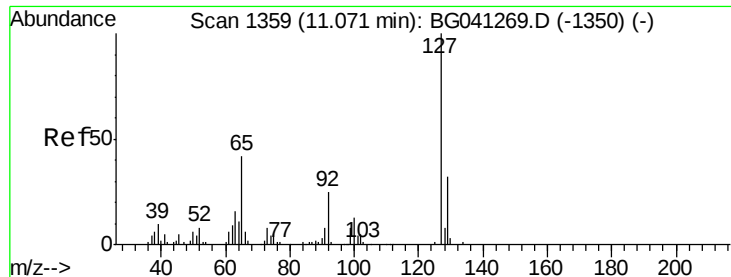
#32
Benzoic acid
Concen: 39.129 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Tgt Ion:122 Resp: 50805
Ion Ratio Lower Upper
122 100
105 143.5 124.2 164.2
77 122.0 97.2 137.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

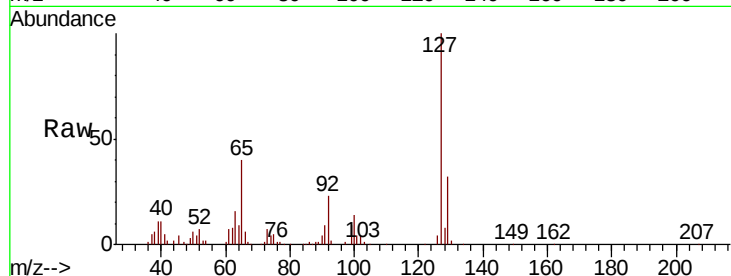




#33
4-Chloroaniline
Concen: 41.535 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	131578
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	40.1	33.8	50.8
92	23.0	20.2	30.4



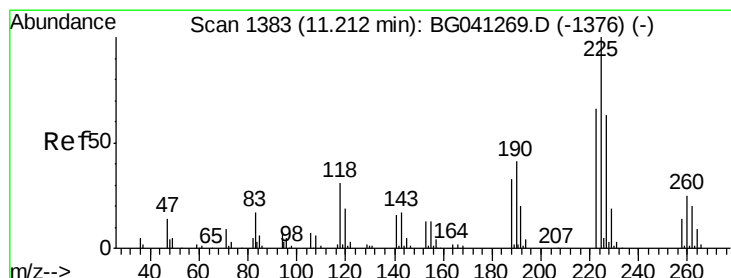
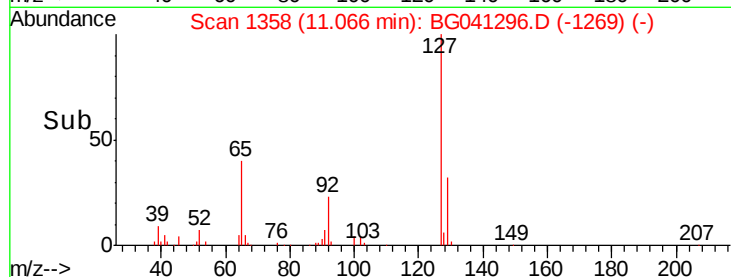
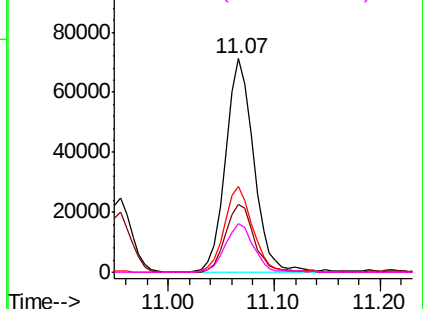
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

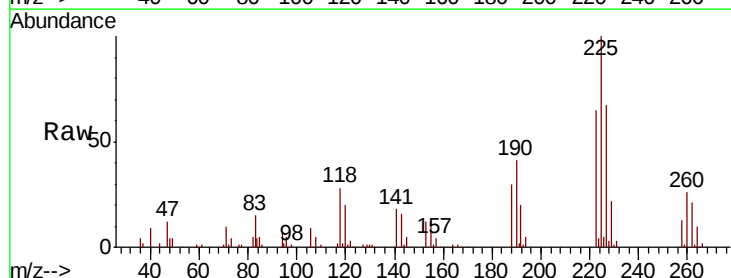
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.716 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Tgt Ion:	225	Resp:	104880
Ion	Ratio	Lower	Upper
225	100		
223	65.3	52.5	78.7
227	66.9	50.2	75.2

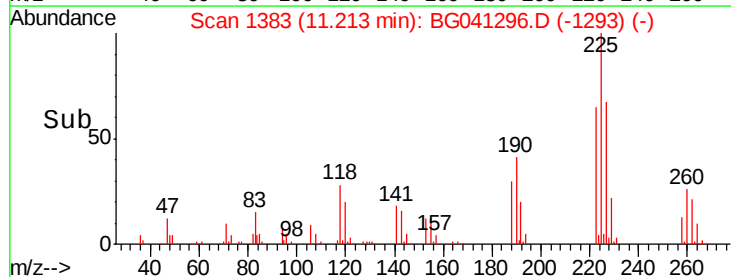
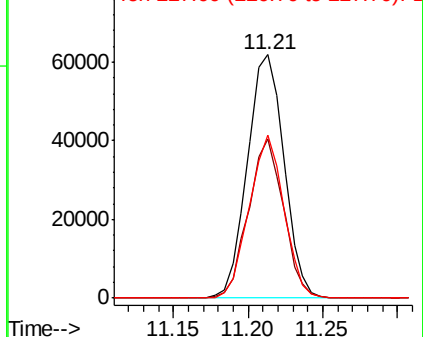


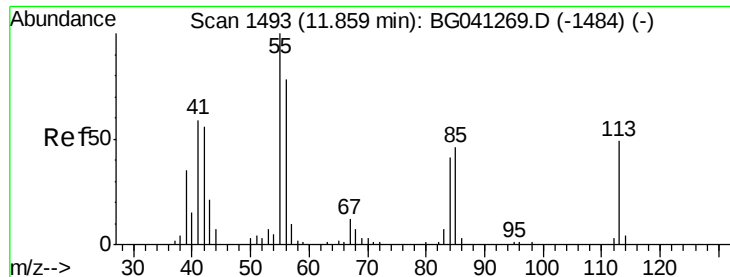
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.029 ng

RT: 11.85 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Instrument :

BNA_G

ClientSampled :

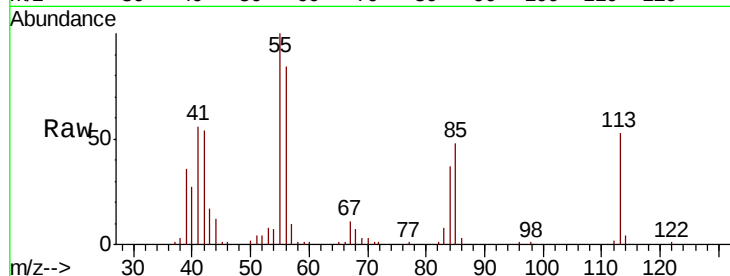
Tot Ion:113 Resp: 33229

Ion Ratio Lower Upper

113 100

55 187.9 182.6 222.6

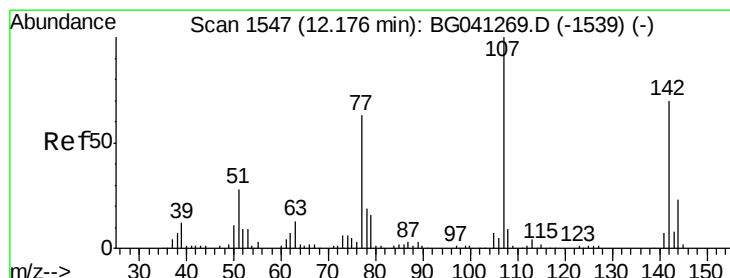
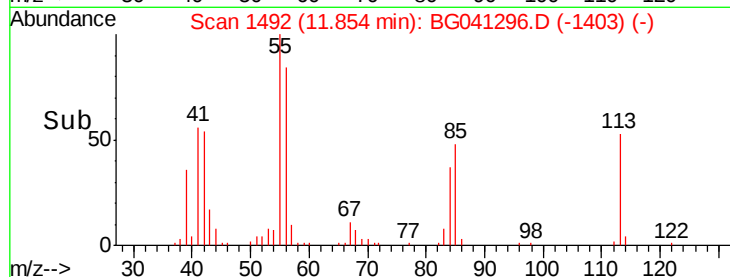
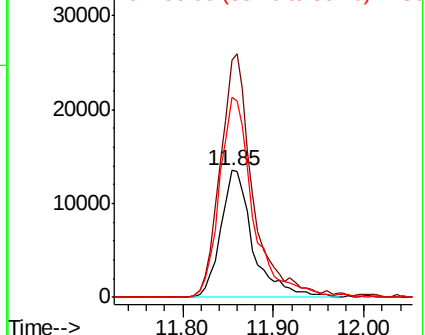
56 158.0 137.5 177.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 41.279 ng

RT: 12.18 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

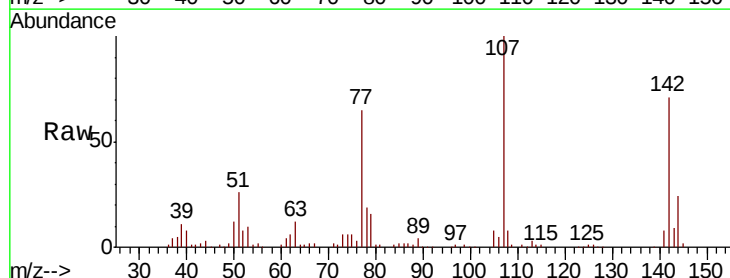
Tgt Ion:107 Resp: 117918

Ion Ratio Lower Upper

107 100

144 24.2 18.5 27.7

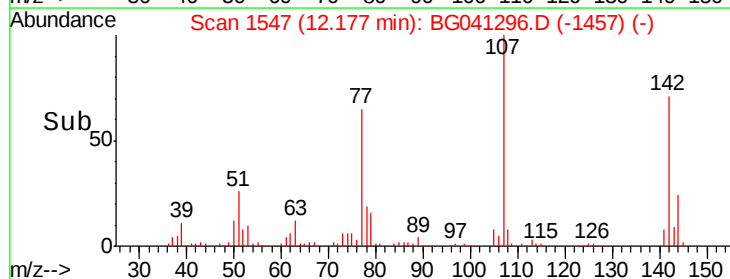
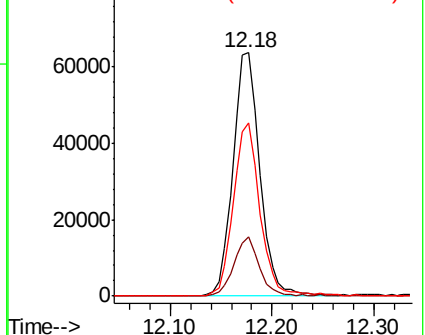
142 71.4 56.3 84.5

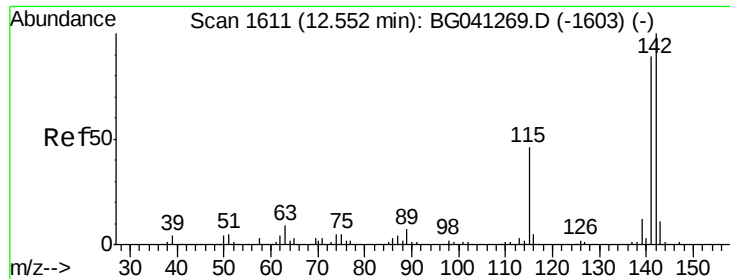


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

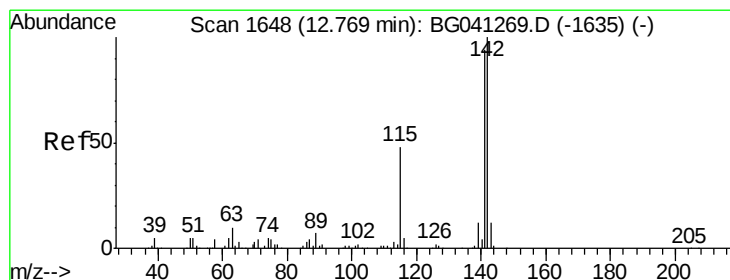
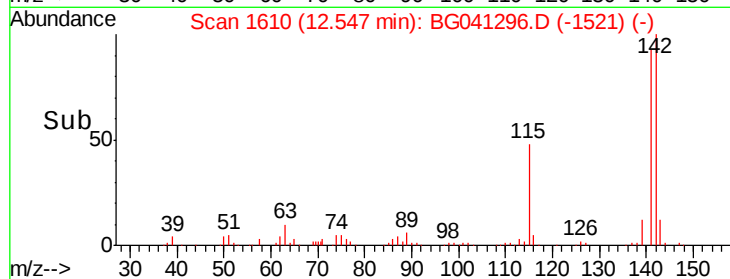
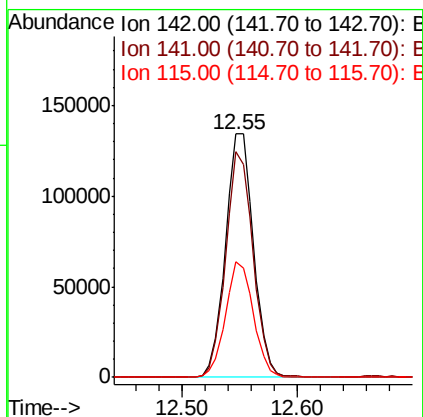
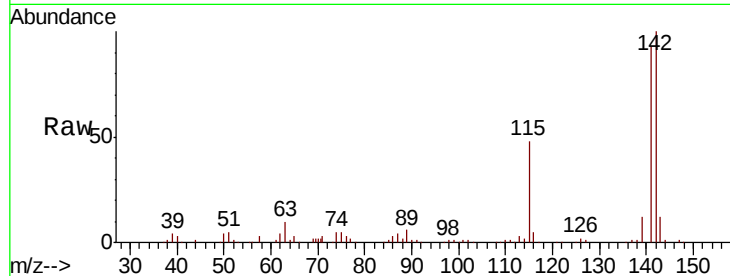




#37
2-Methylnaphthalene
Concen: 41.090 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

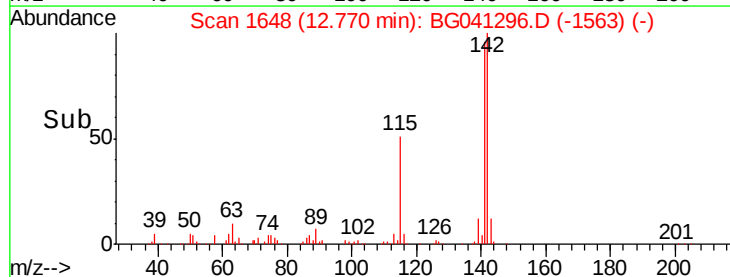
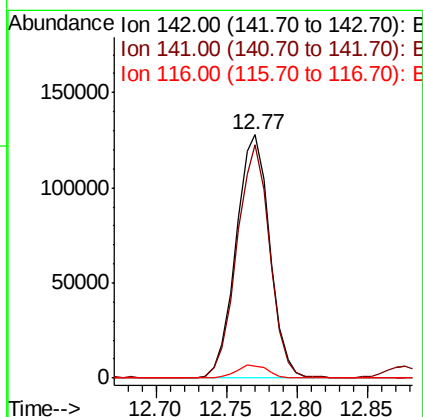
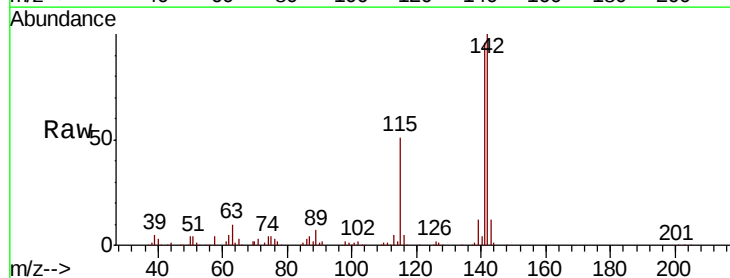
Instrument :
BNA_G
ClientSampled :

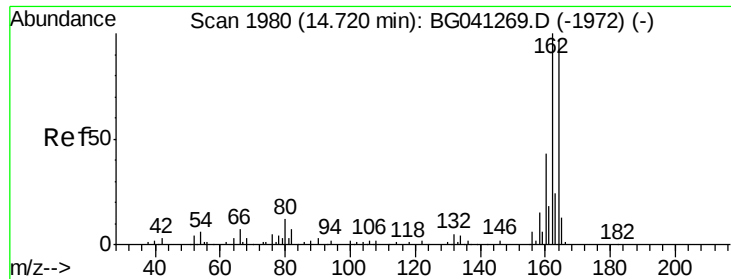
Tot Ion:142 Resp: 225743
Ion Ratio Lower Upper
142 100
141 92.8 71.5 107.3
115 47.6 37.0 55.6



#38
1-Methylnaphthalene
Concen: 40.633 ng
RT: 12.77 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Tgt Ion:142 Resp: 213577
Ion Ratio Lower Upper
142 100
141 96.0 75.0 112.6
116 4.7 4.2 6.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

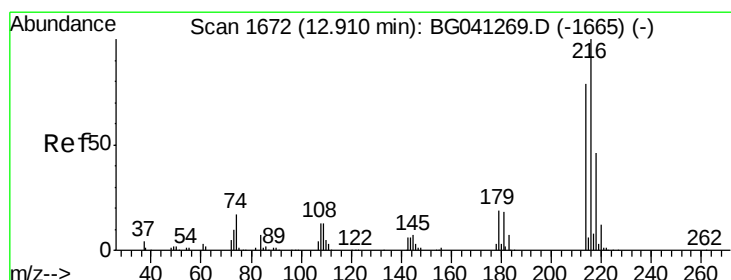
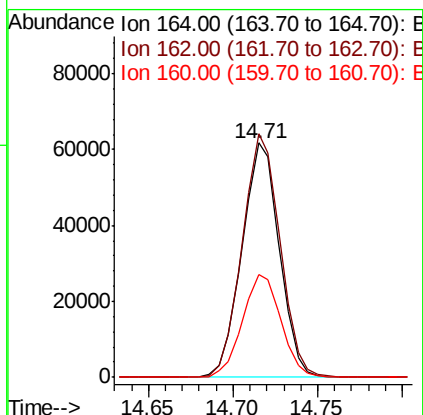
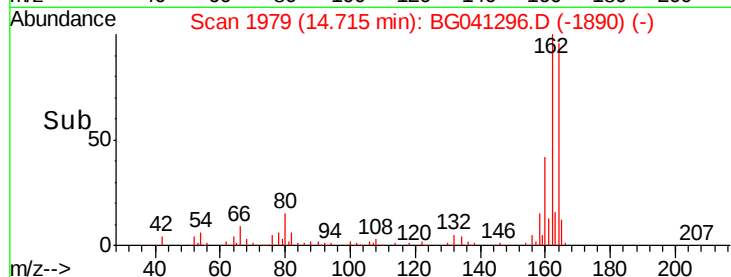
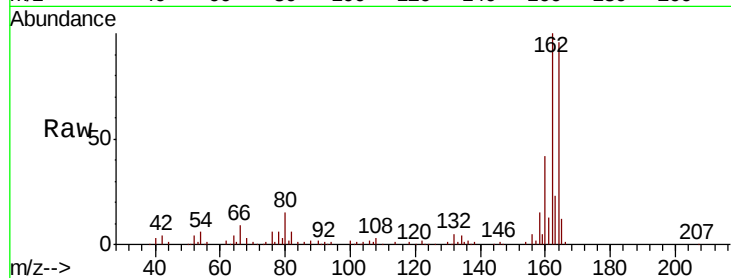
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 94952

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.8	124.2
160	43.9	35.8	53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.473 ng

RT: 12.91 min Scan# 1672

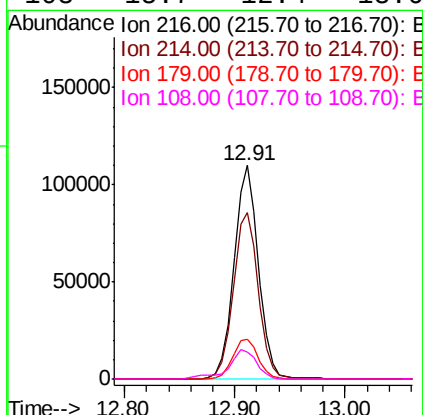
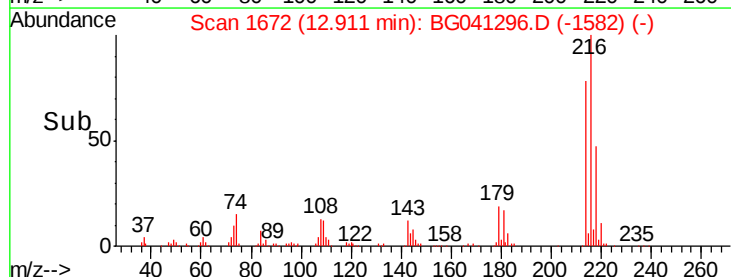
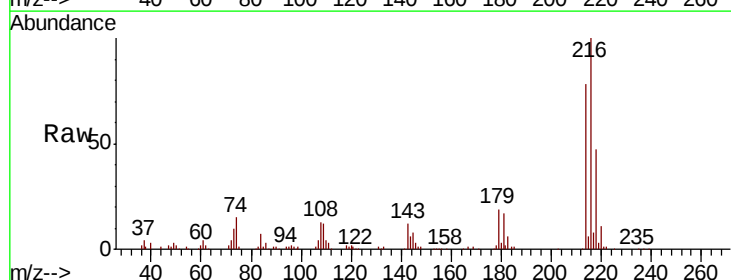
Delta R.T. 0.00 min

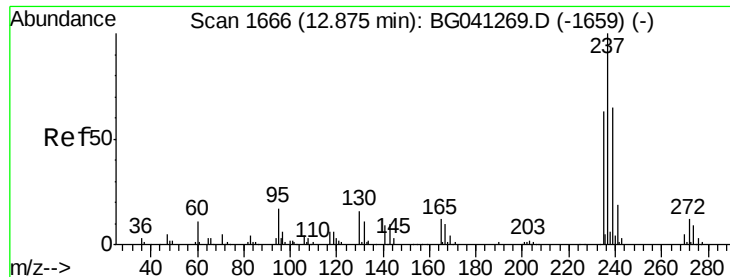
Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Tgt Ion:216 Resp: 170450

Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.8	94.2
179	19.4	15.2	22.8
108	15.7	12.4	18.6





#41

Hexachlorocyclopentadiene

Concen: 37.440 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Instrument :

BNA_G

ClientSampleId :

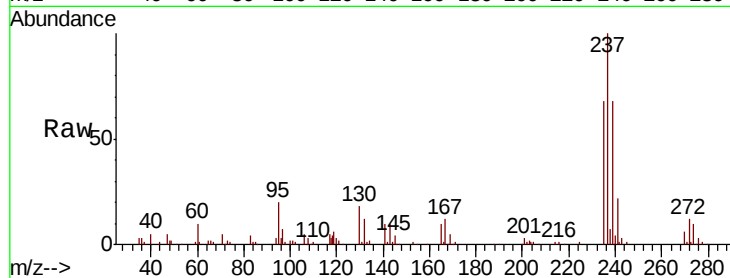
Tot Ion:237 Resp: 98880

Ion Ratio Lower Upper

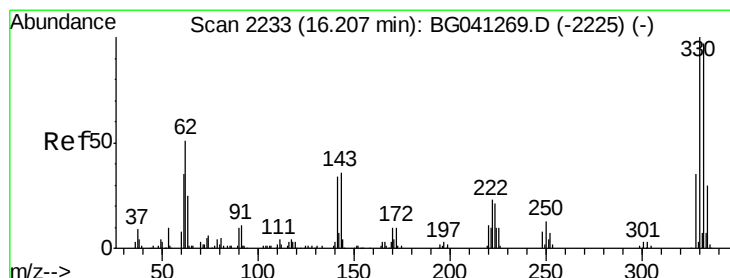
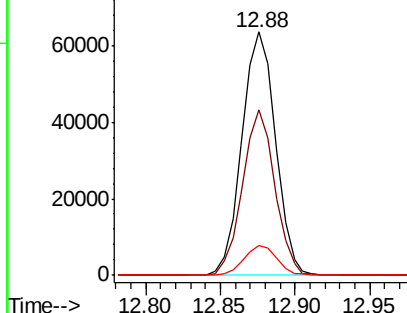
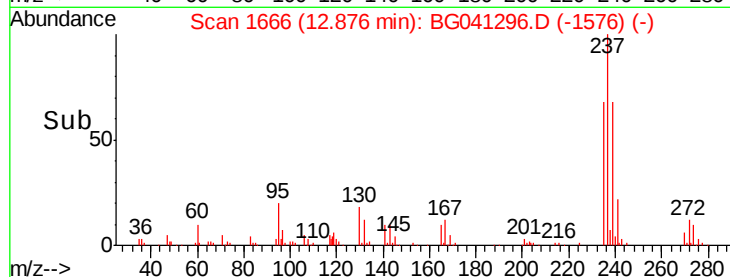
237 100

235 68.0 42.9 82.9

272 12.1 0.0 32.0



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



#42

2,4,6-Tribromophenol

Concen: 82.282 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

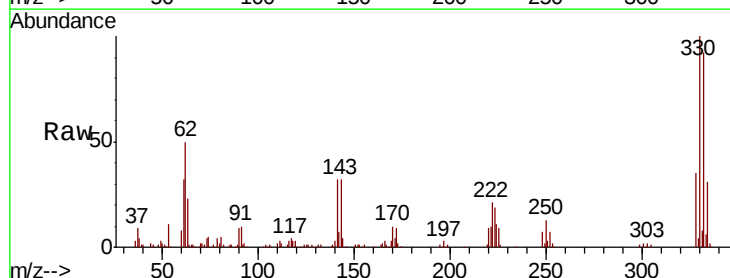
Tgt Ion:330 Resp: 119944

Ion Ratio Lower Upper

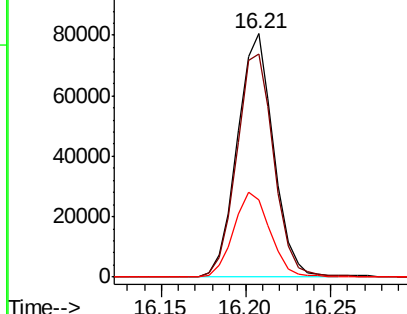
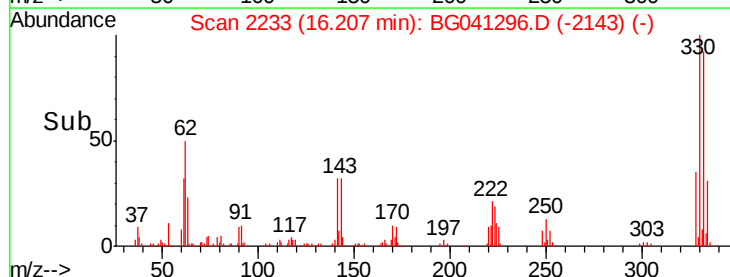
330 100

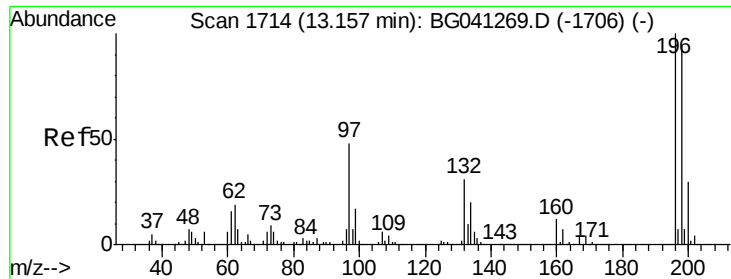
332 94.1 75.5 113.3

141 35.4 29.0 43.4



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

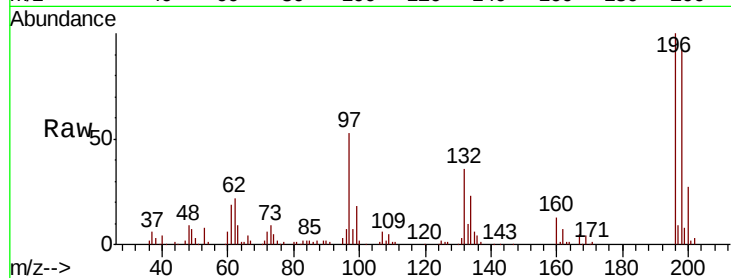




#43
 2,4,6-Trichlorophenol
 Concen: 43.270 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.2	74.9	112.3
200	27.5	24.2	36.2

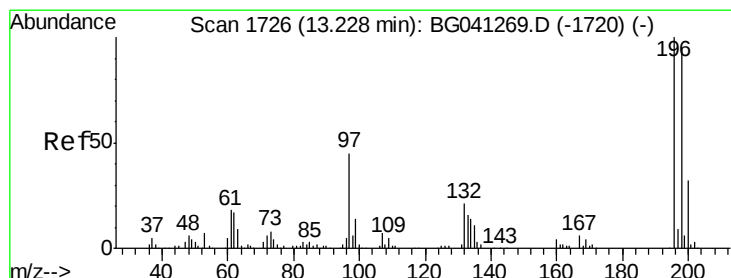
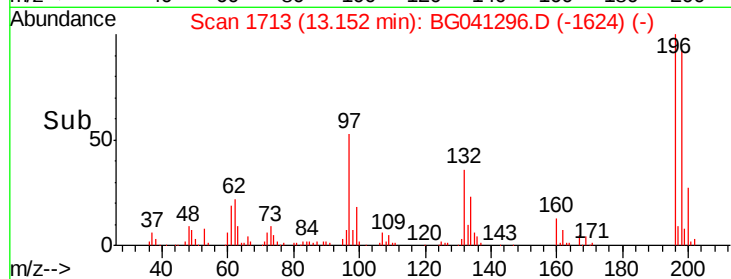
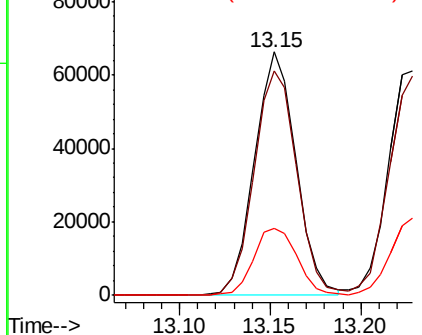


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.648 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.1	114.1
97	43.1	35.9	53.9
132	22.7	17.0	25.6

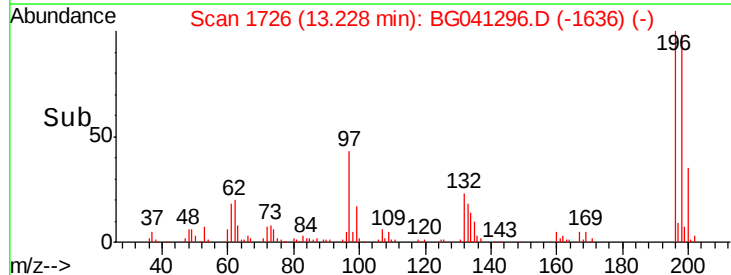
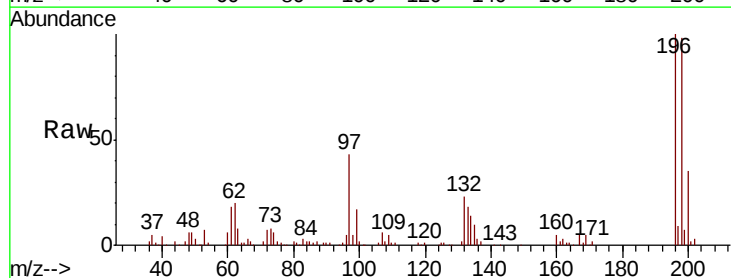
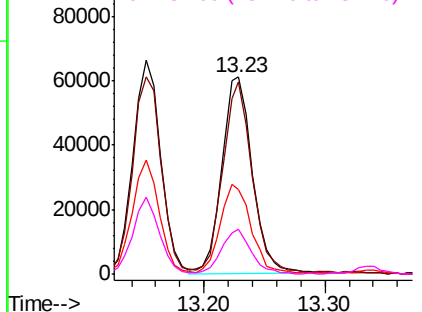
Abundance

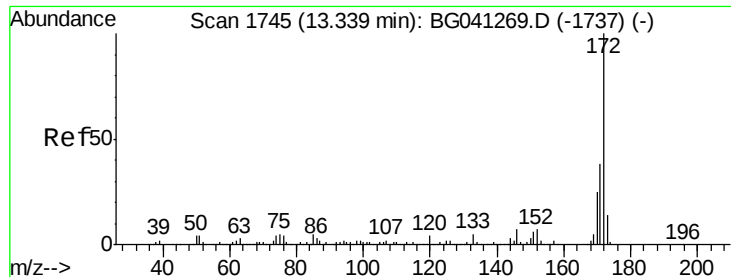
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

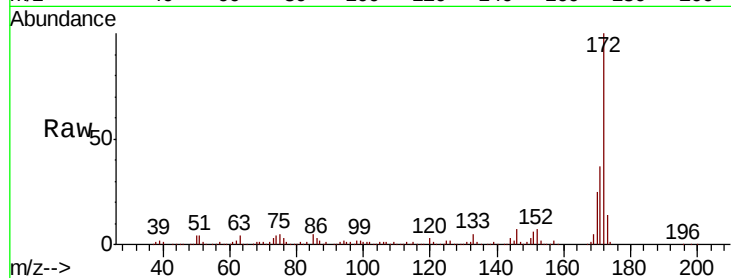




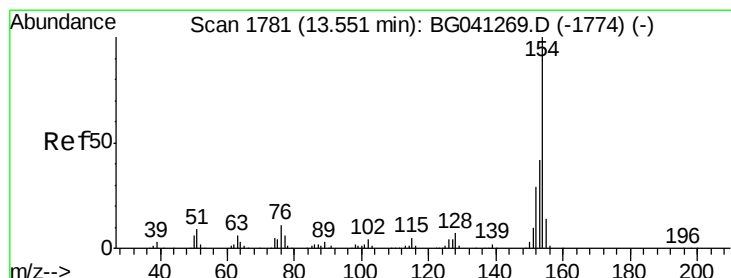
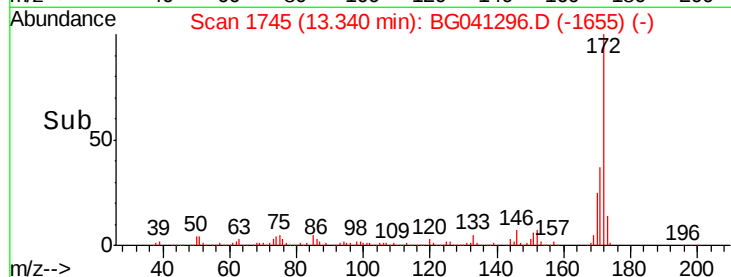
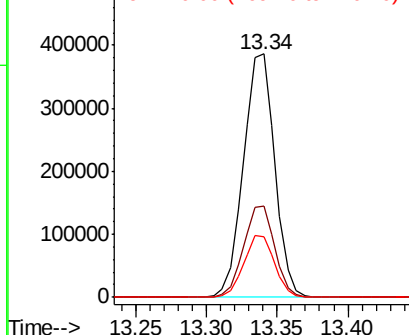
#45
 2-Fluorobiphenyl
 Concen: 85.975 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 600627
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 25.0 19.8 29.6

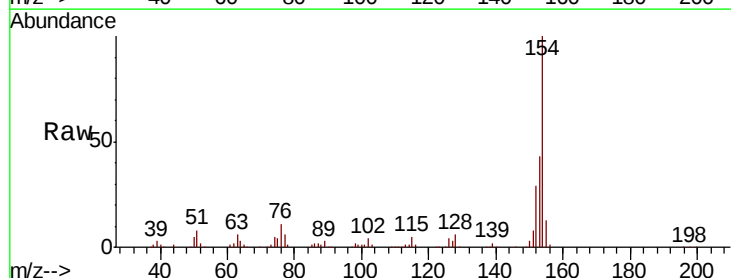


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

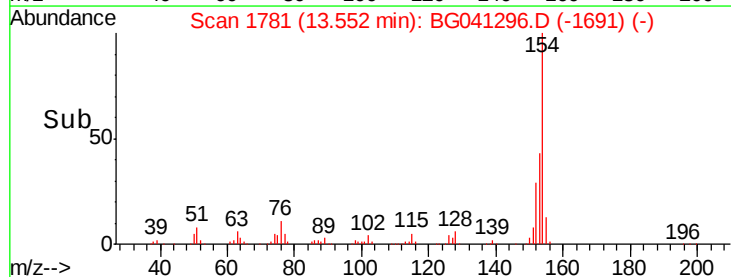
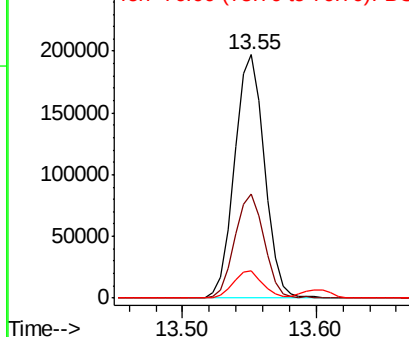


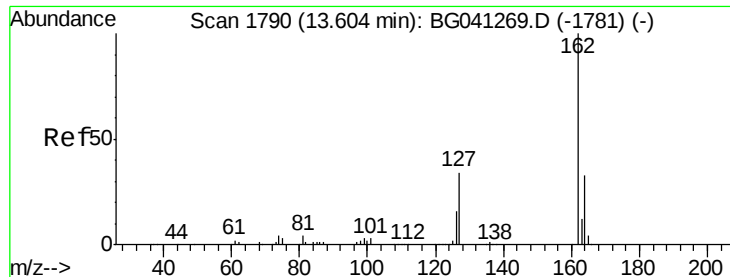
#46
 1,1'-Biphenyl
 Concen: 42.694 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

Tgt Ion:154 Resp: 306469
 Ion Ratio Lower Upper
 154 100
 153 42.7 22.3 62.3
 76 11.2 0.0 30.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

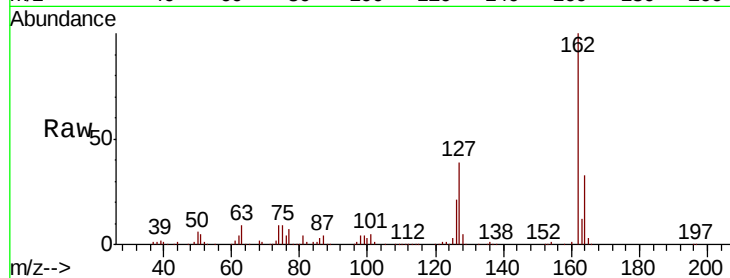




#47
2-Chloronaphthalene
Concen: 43.116 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.0	46.4
164	33.0	26.1	39.1

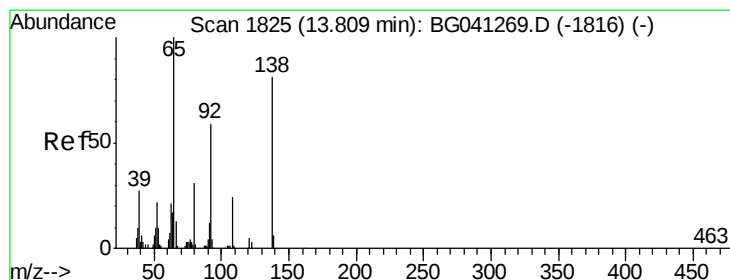
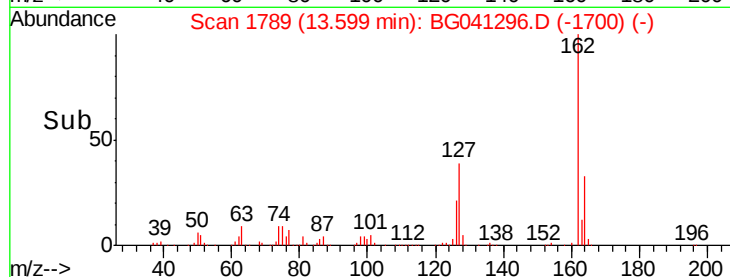
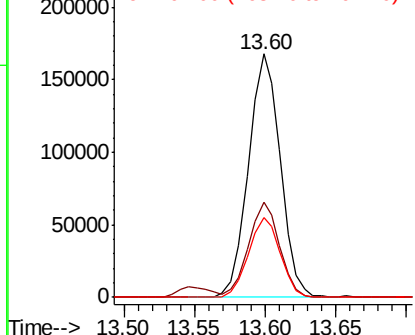


Abundance

Ion 162.00 (161.70 to 162.70): E

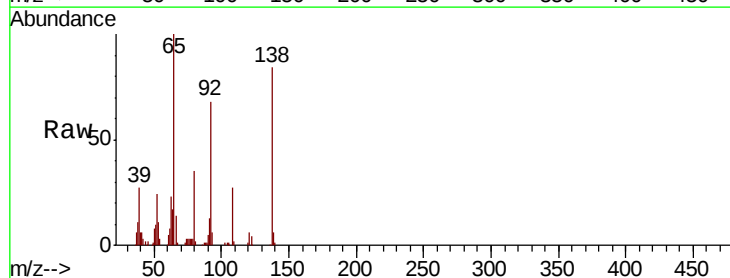
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.186 ng
RT: 13.81 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	47.4	71.2
138	84.3	64.7	97.1

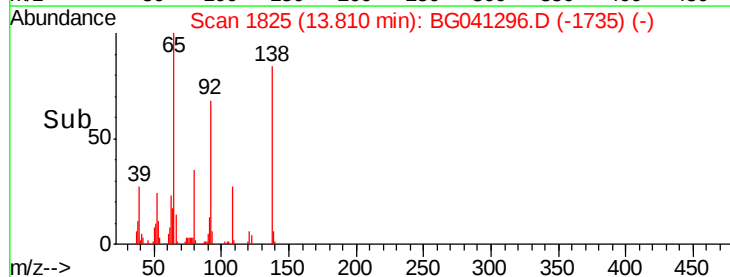
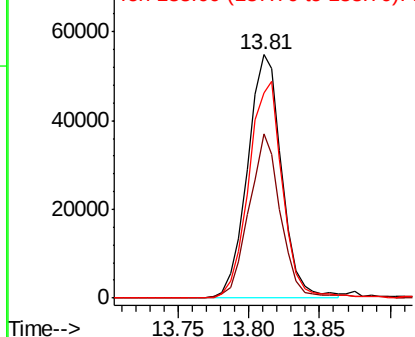


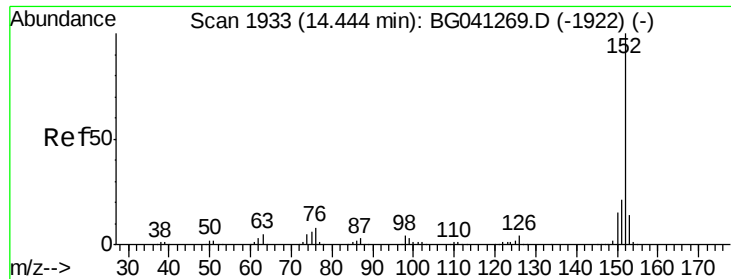
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.621 ng

RT: 14.44 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Instrument :

BNA_G

ClientSampleId :

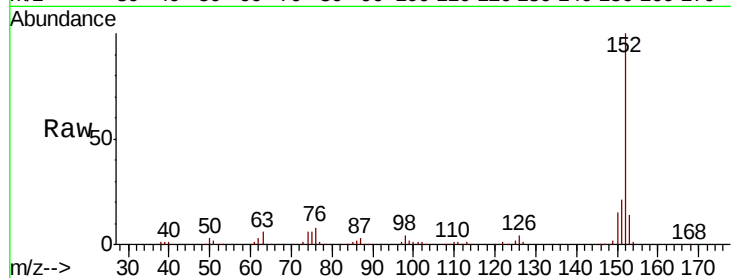
Tot Ion:152 Resp: 390328

Ion Ratio Lower Upper

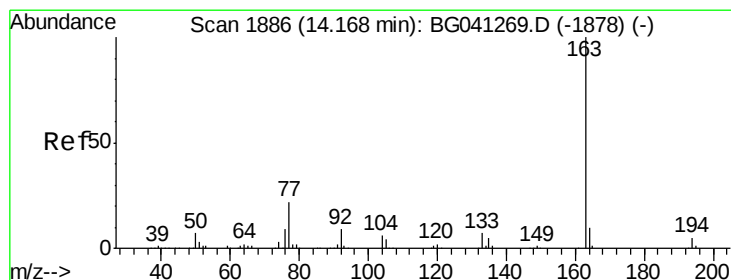
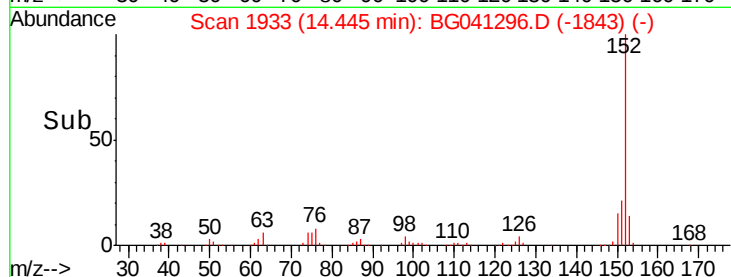
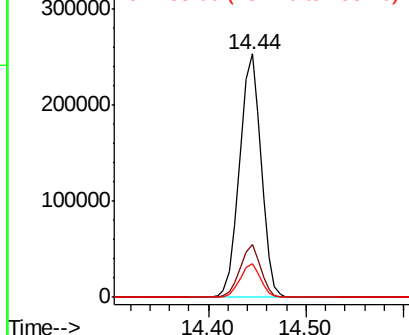
152 100

151 21.5 16.8 25.2

153 13.9 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: 41.469 ng

RT: 14.16 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

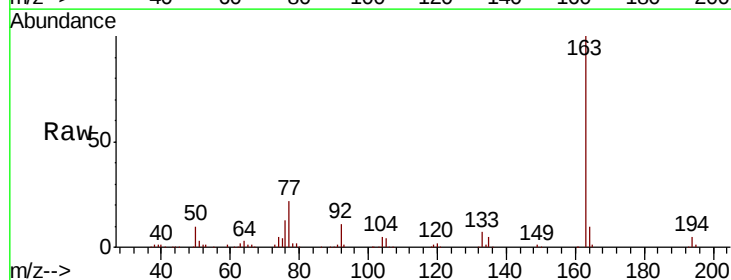
Tgt Ion:163 Resp: 350349

Ion Ratio Lower Upper

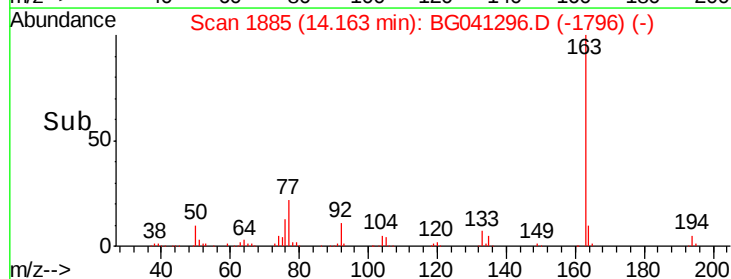
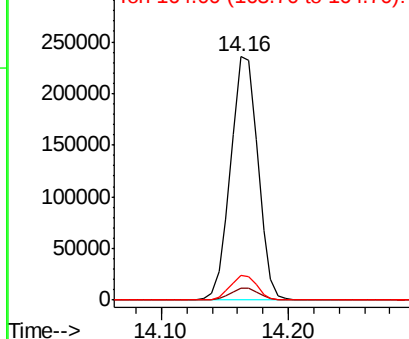
163 100

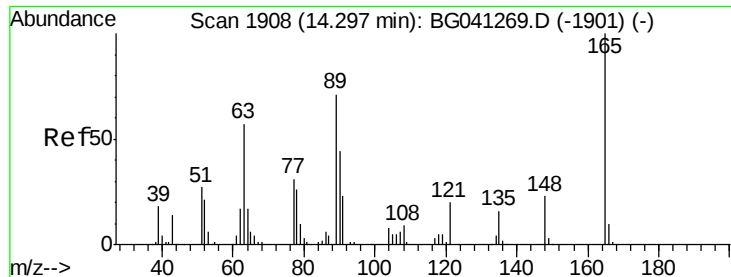
194 5.0 3.9 5.9

164 10.1 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.871 ng

RT: 14.30 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Instrument :

BNA_G

ClientSampleId :

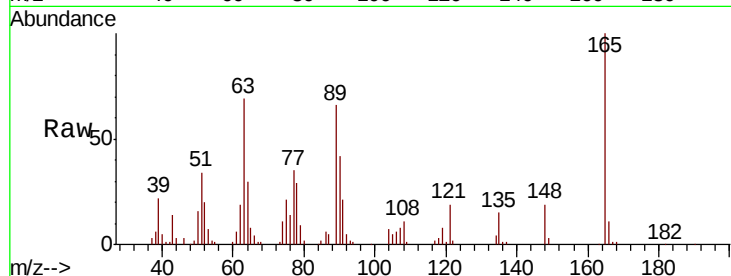
Tot Ion:165 Resp: 72807

Ion Ratio Lower Upper

165 100

63 69.4 55.4 83.0

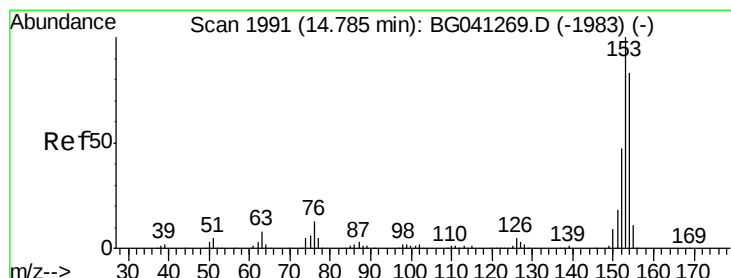
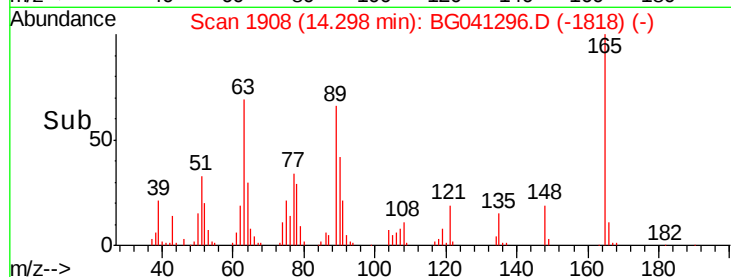
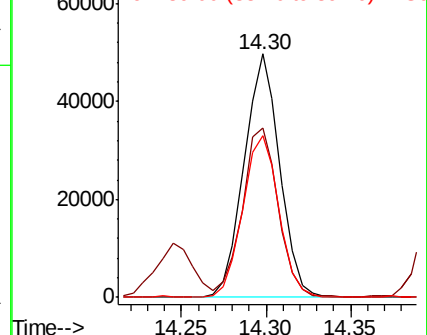
89 66.4 56.5 84.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 41.417 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

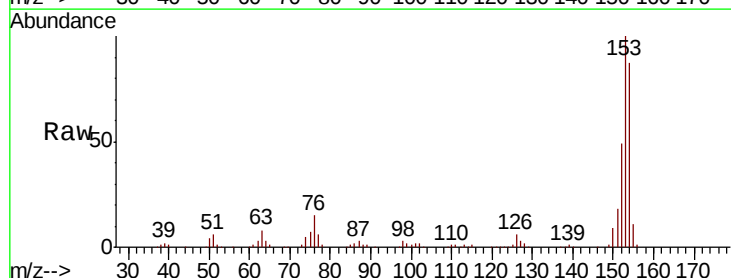
Tgt Ion:154 Resp: 228079

Ion Ratio Lower Upper

154 100

153 115.2 96.6 145.0

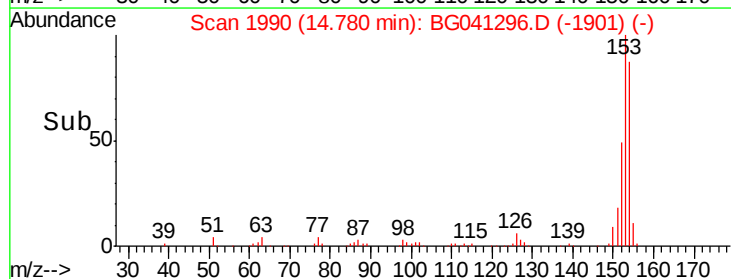
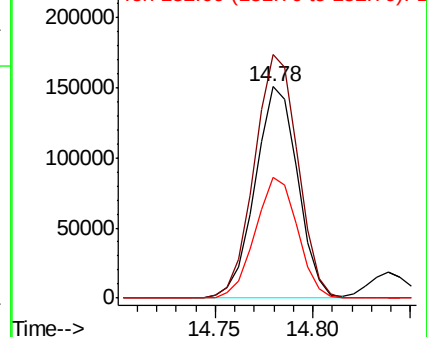
152 56.8 45.5 68.3

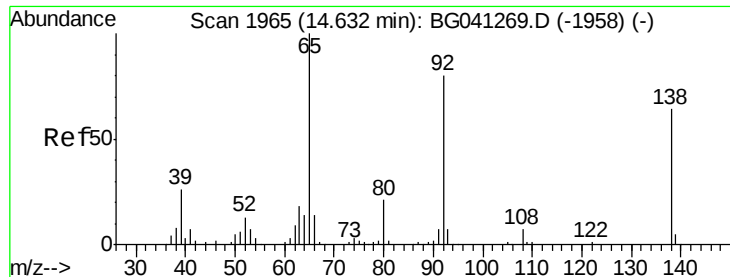


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

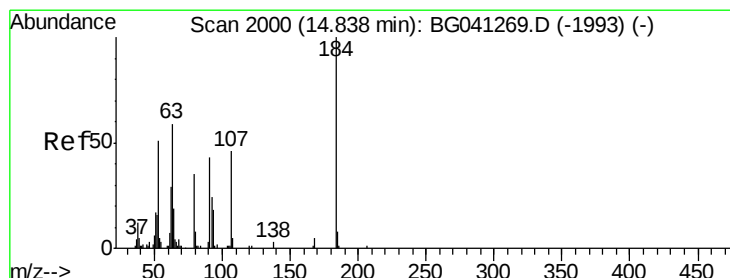
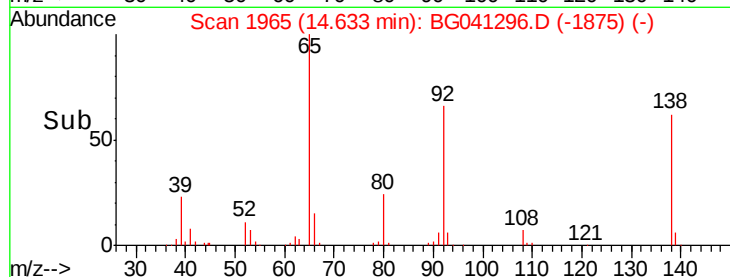
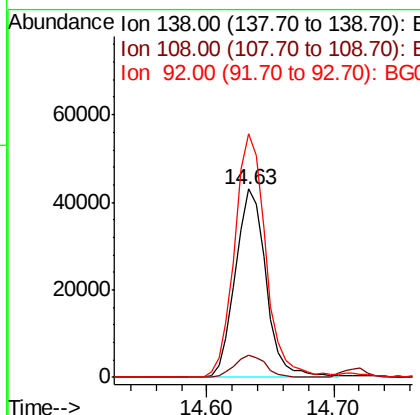
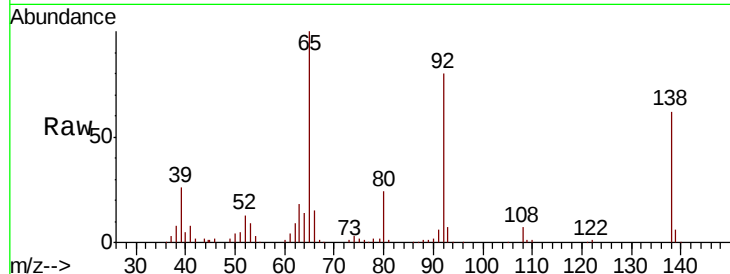




#53
3-Nitroaniline
Concen: 41.111 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

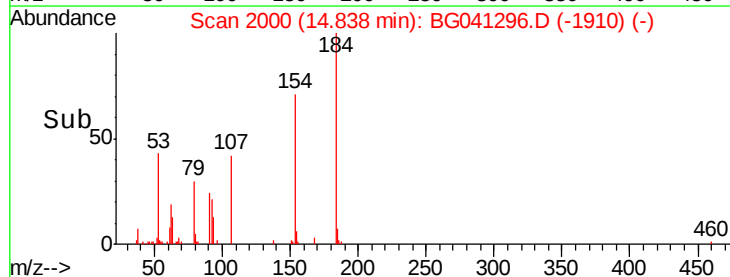
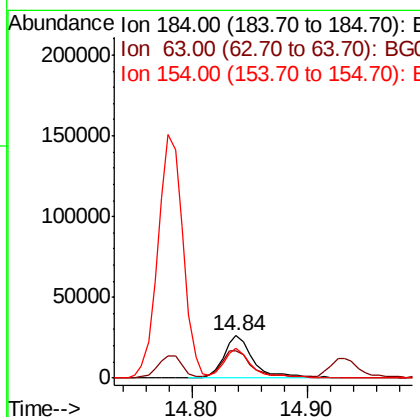
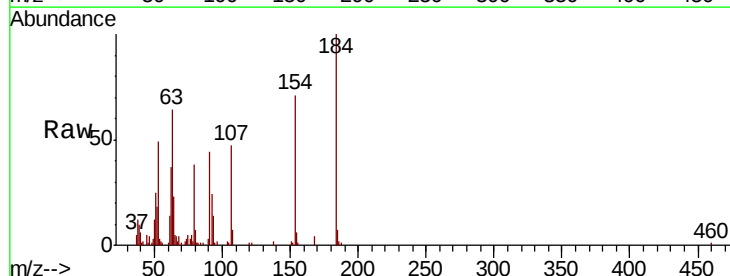
Instrument :
BNA_G
ClientSampleId :

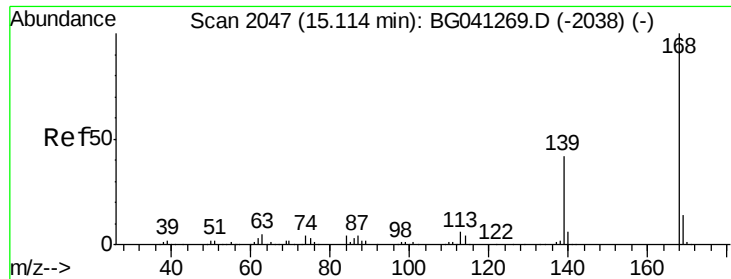
Tot Ion:138 Resp: 72153
Ion Ratio Lower Upper
138 100
108 11.5 8.3 12.5
92 129.2 100.2 150.4



#54
2,4-Dinitrophenol
Concen: 38.547 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Tgt Ion:184 Resp: 45951
Ion Ratio Lower Upper
184 100
63 64.0 60.0 90.0
154 70.5 58.3 87.5

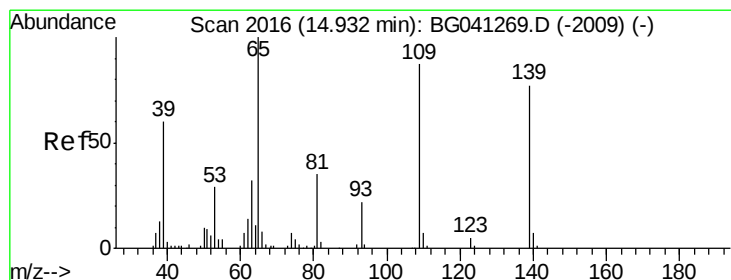
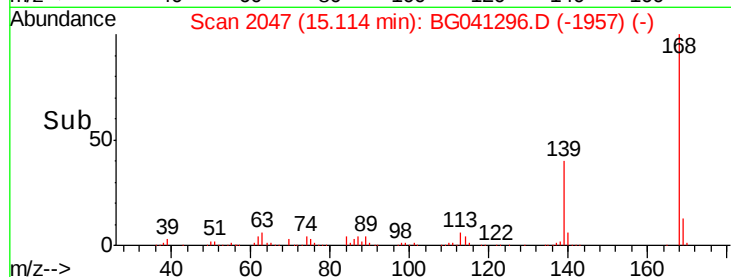
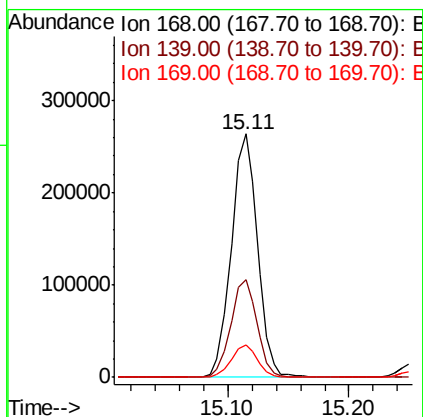
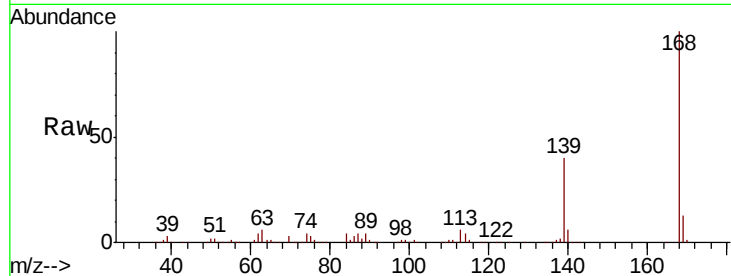




#55
Dibenzenofuran
Concen: 41.595 ng
RT: 15.11 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

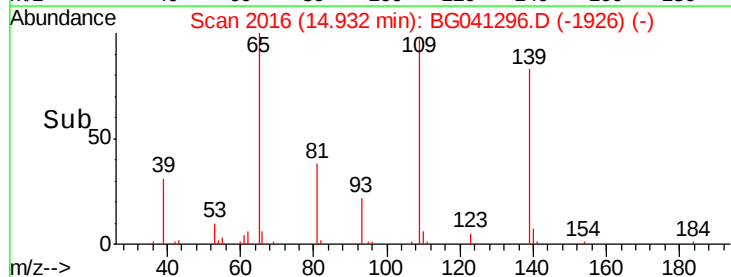
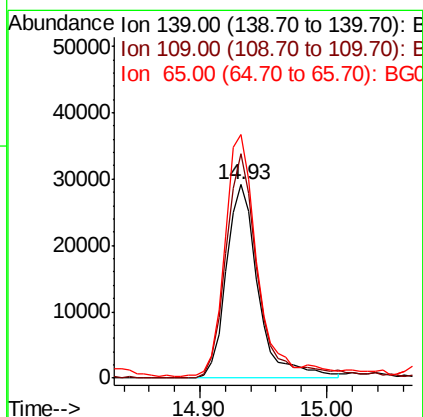
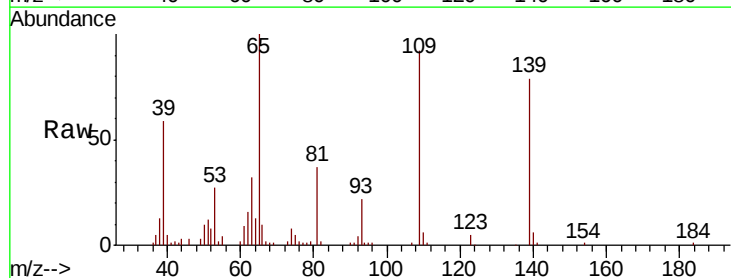
Instrument :
BNA_G
ClientSampleId :

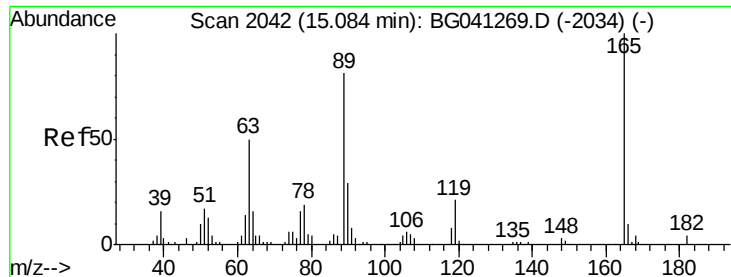
Tot Ion:168 Resp: 398256
Ion Ratio Lower Upper
168 100
139 40.1 33.6 50.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 39.821 ng
RT: 14.93 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Tgt Ion:139 Resp: 50850
Ion Ratio Lower Upper
139 100
109 115.9 93.2 133.2
65 126.0 110.2 150.2

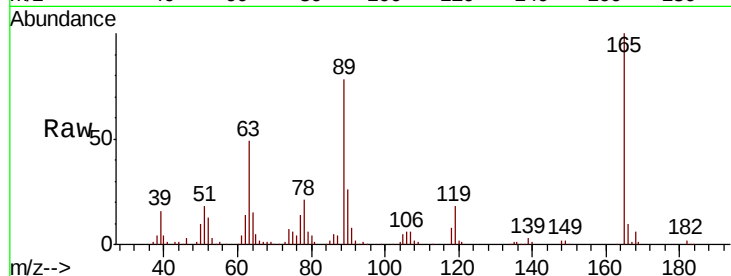




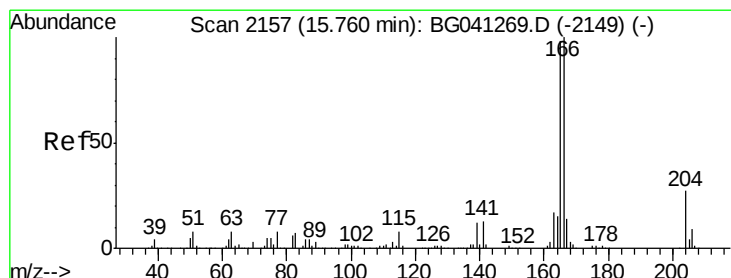
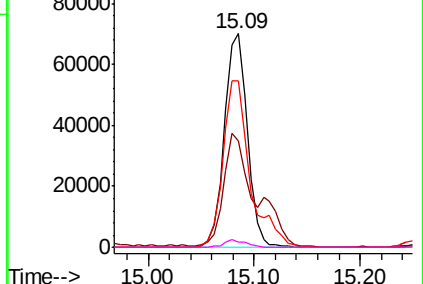
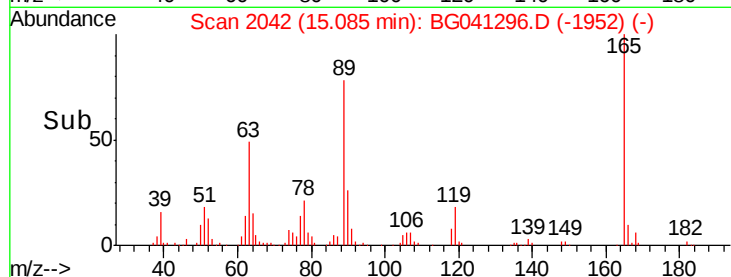
#57
 2,4-Dinitrotoluene
 Concen: 40.539 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.5	40.0	60.0
89	78.0	64.6	96.8
182	2.3	2.9	4.3

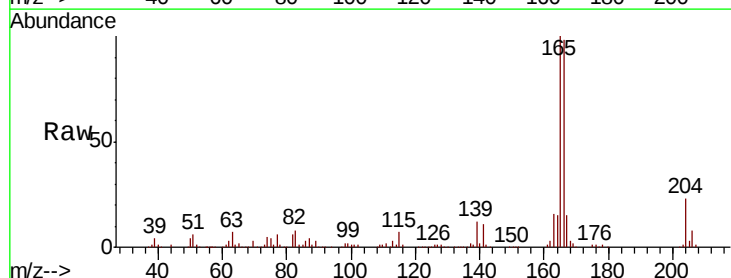


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

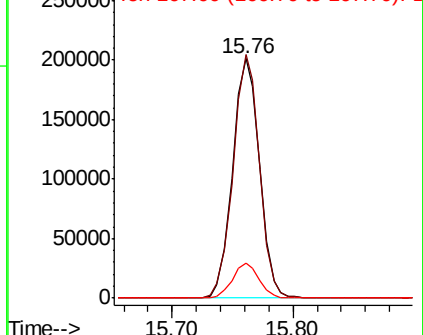
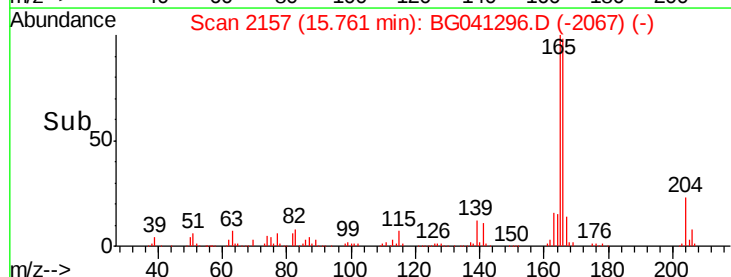


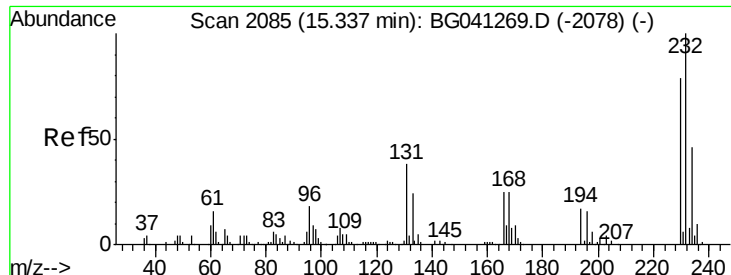
#58
 Fluorene
 Concen: 41.356 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.7	78.8	118.2
167	14.8	11.3	16.9



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

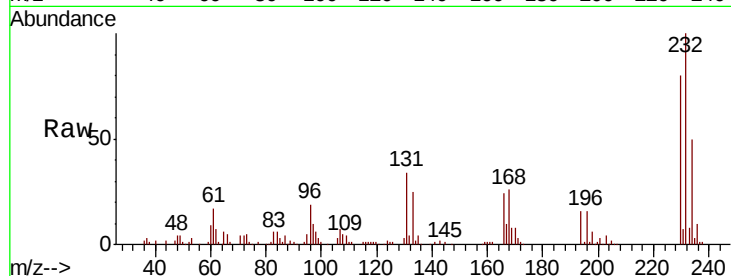




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.471 ng
RT: 15.34 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.6	29.0	43.6
130	2.7	1.6	2.4
166	25.8	21.0	31.4



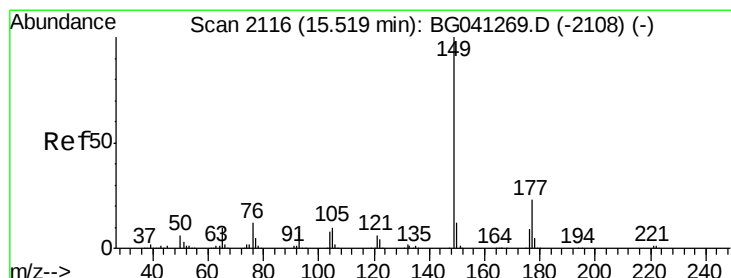
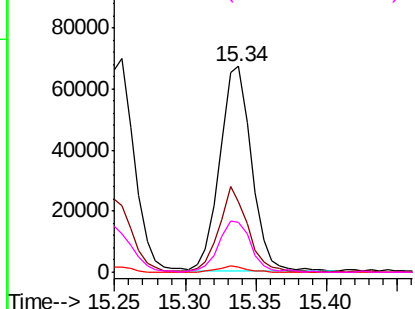
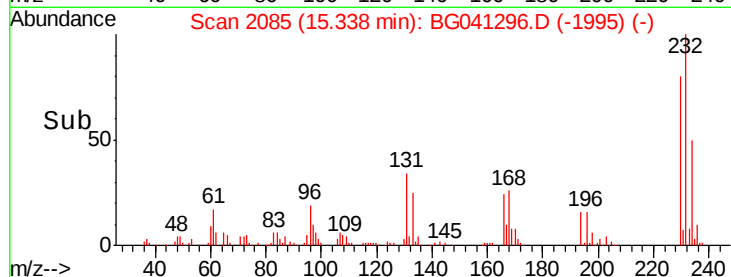
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

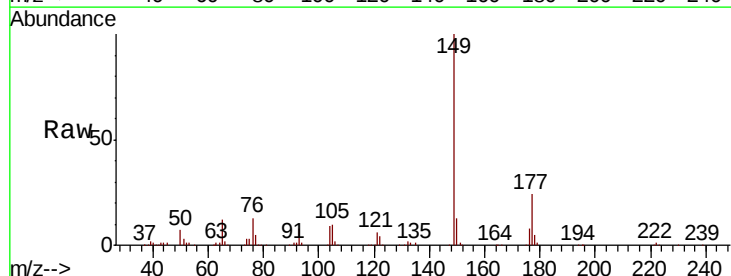
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.921 ng
RT: 15.51 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.4	27.6
150	12.7	9.9	14.9

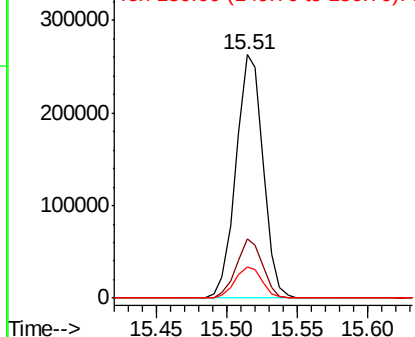
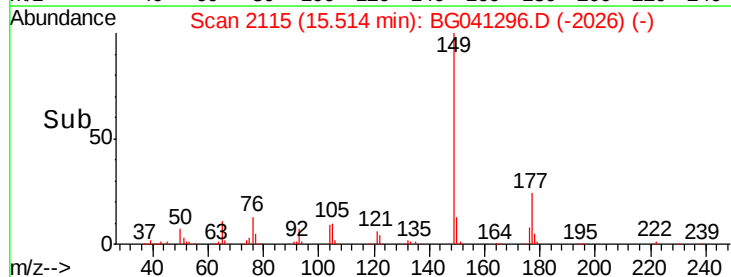


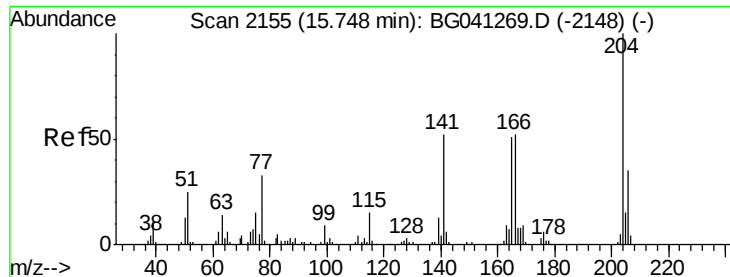
Abundance

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

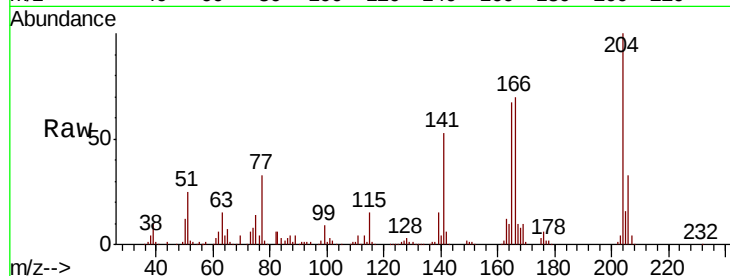




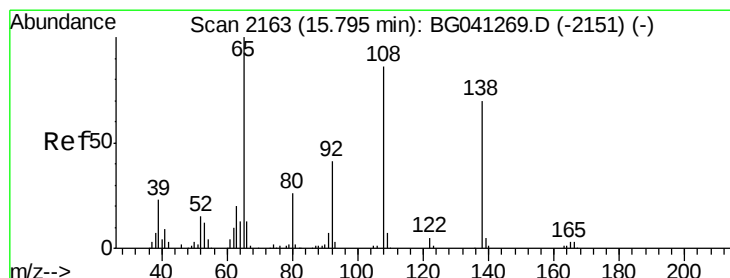
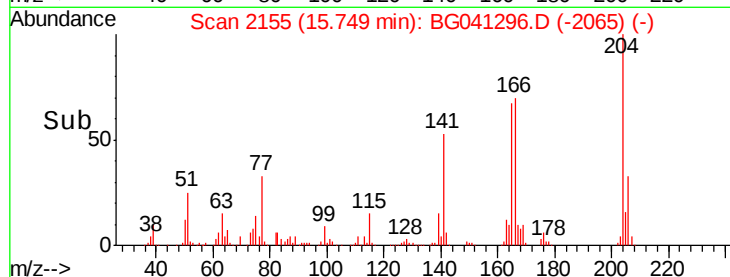
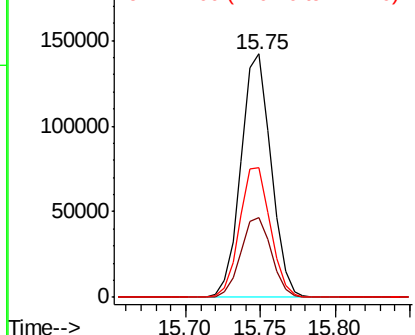
#61
4-Chlorophenyl-phenylether
Concen: 40.600 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 198960
Ion Ratio Lower Upper
204 100
206 32.9 27.9 41.9
141 53.4 41.4 62.0

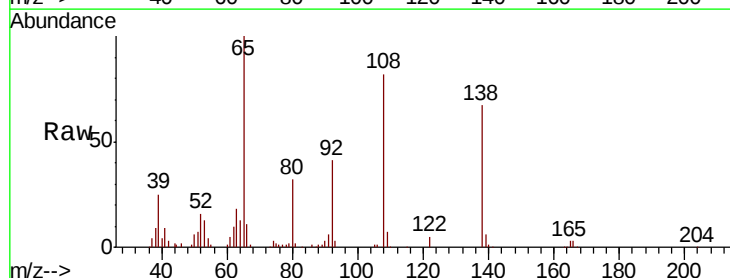


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

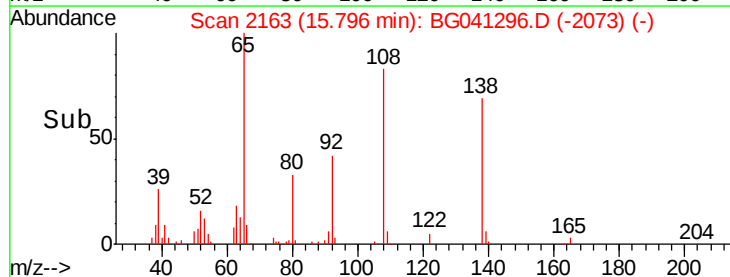
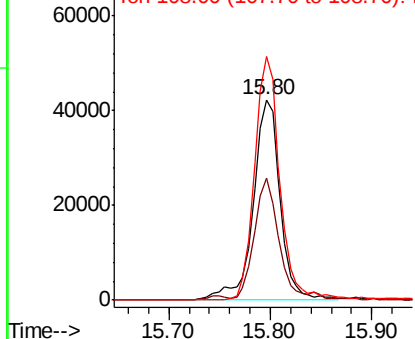


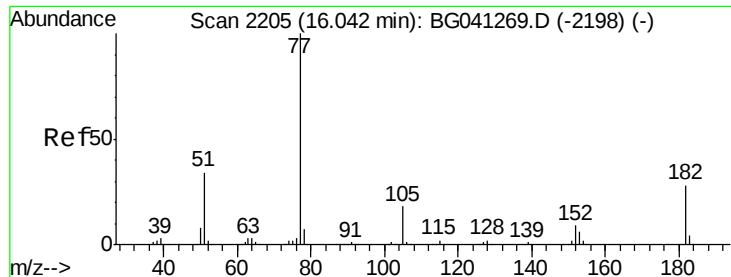
#62
4-Nitroaniline
Concen: 41.505 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Tgt Ion:138 Resp: 77911
Ion Ratio Lower Upper
138 100
92 60.7 38.8 78.8
108 121.4 103.4 143.4



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





#63

Azobenzene

Concen: 41.026 ng

RT: 16.04 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 314290

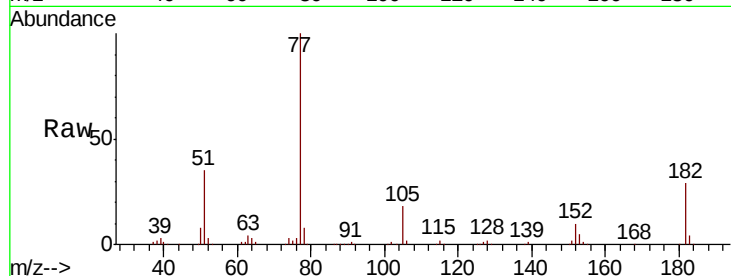
Ion Ratio Lower Upper

77 100

182 29.2 7.5 47.5

105 17.8 0.0 37.7

51 35.3 14.6 54.6

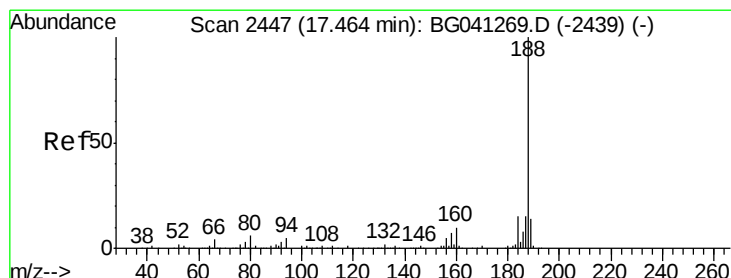
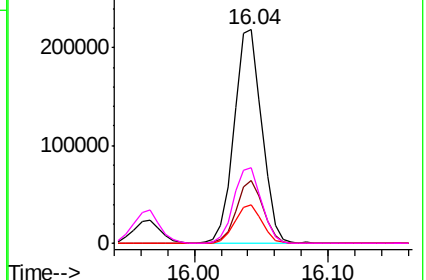
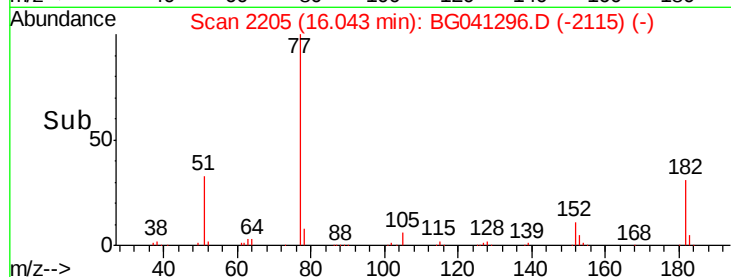


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

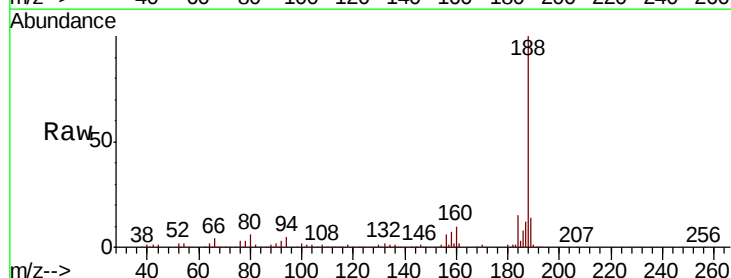
Tgt Ion: 188 Resp: 239517

Ion Ratio Lower Upper

188 100

94 4.7 3.6 5.4

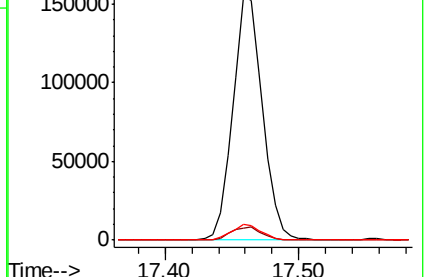
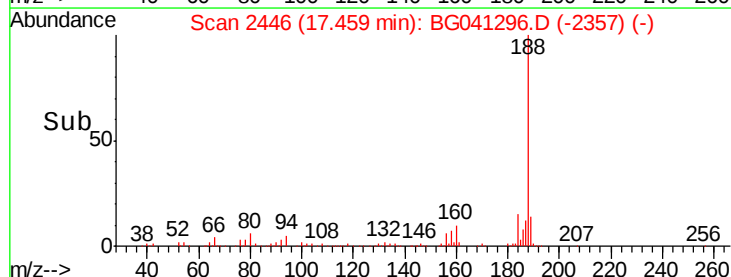
80 6.2 4.8 7.2

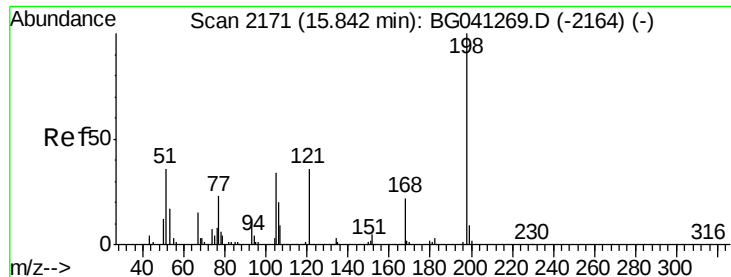


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 35.185 ng

RT: 15.84 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Instrument :

BNA_G

ClientSampled :

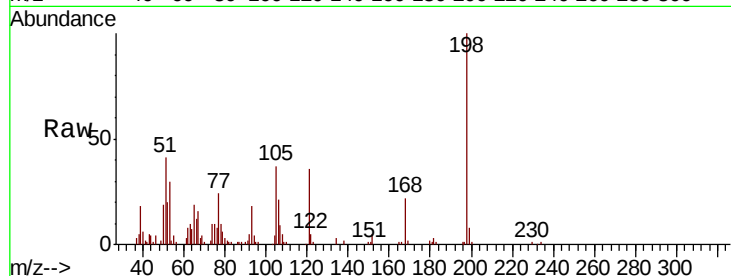
Tot Ion:198 Resp: 54701

Ion Ratio Lower Upper

198 100

51 41.4 23.4 63.4

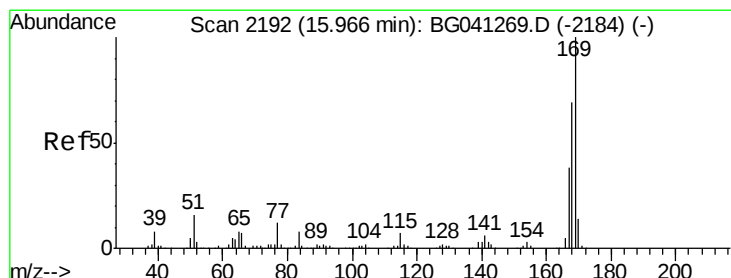
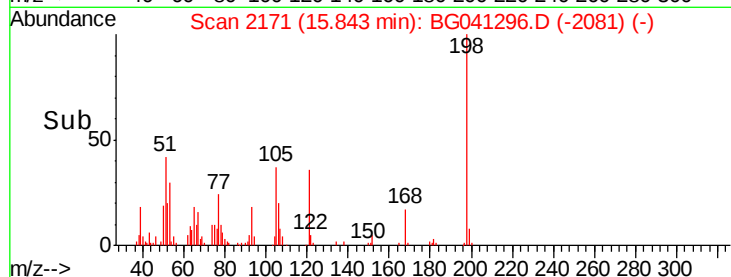
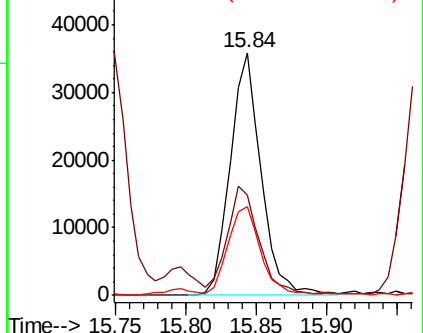
105 36.7 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.440 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

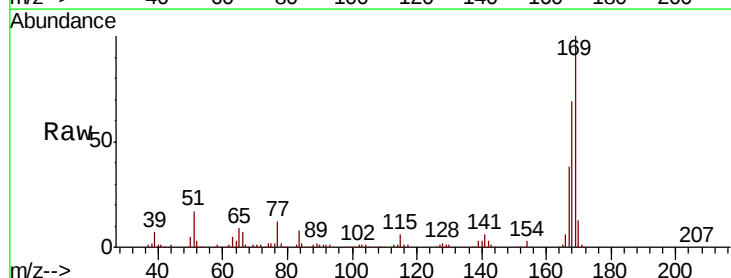
Tgt Ion:169 Resp: 276270

Ion Ratio Lower Upper

169 100

168 69.0 55.2 82.8

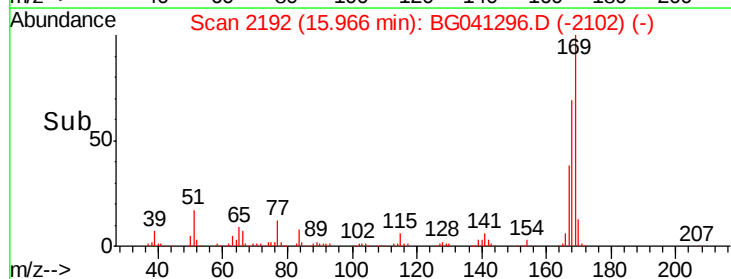
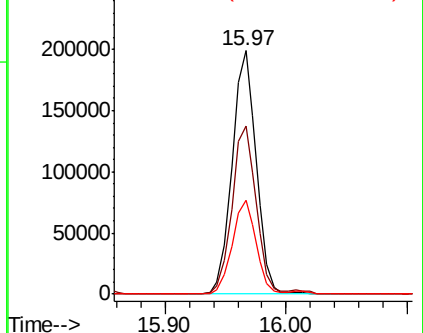
167 38.3 30.4 45.6

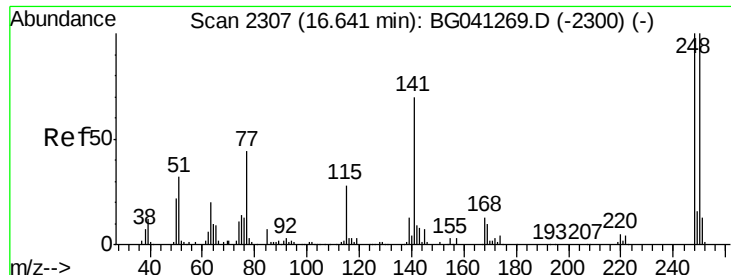


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

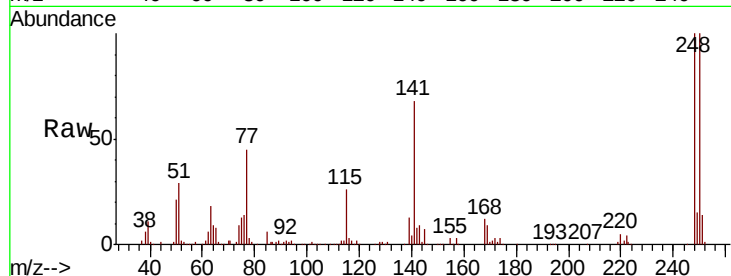




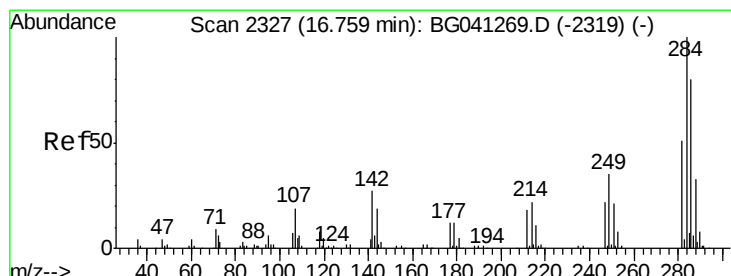
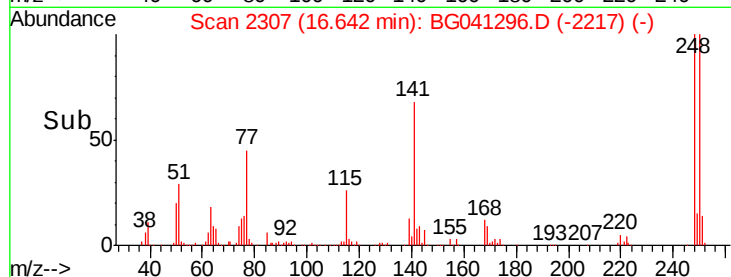
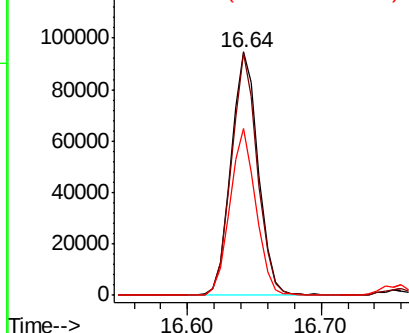
#67
 4-Bromophenyl-phenylether
 Concen: 43.434 ng
 RT: 16.64 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 134517
 Ion Ratio Lower Upper
 248 100
 250 99.6 79.8 119.8
 141 68.4 55.8 83.6

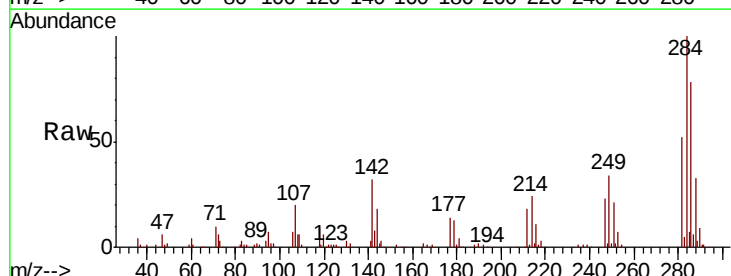


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

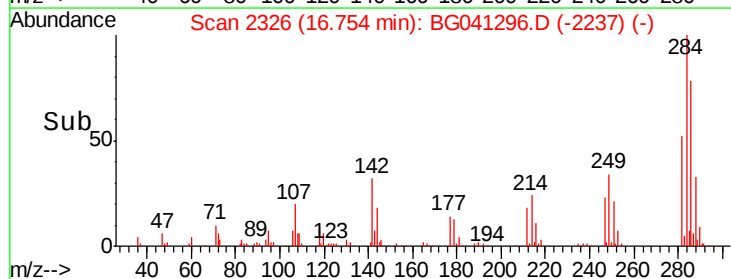
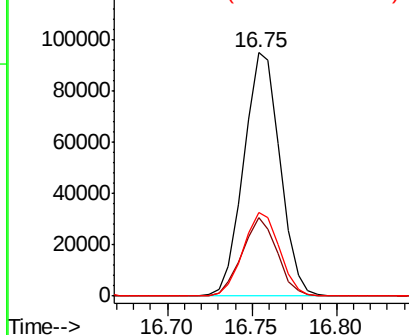


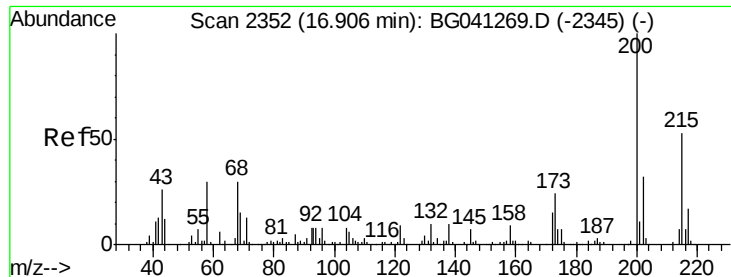
#68
 Hexachlorobenzene
 Concen: 42.912 ng
 RT: 16.75 min Scan# 2326
 Delta R.T. -0.01 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

Tgt Ion:284 Resp: 142313
 Ion Ratio Lower Upper
 284 100
 142 32.4 21.8 32.8
 249 34.3 27.8 41.6



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

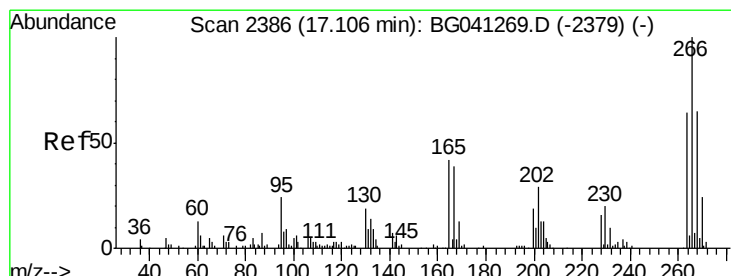
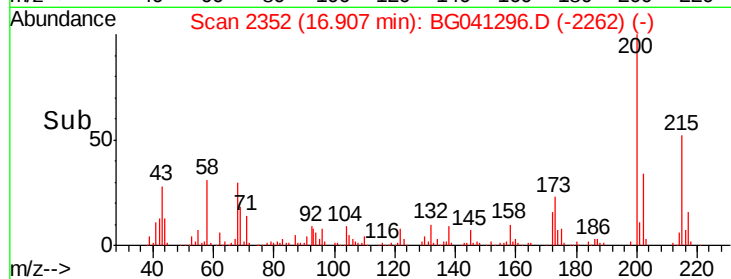
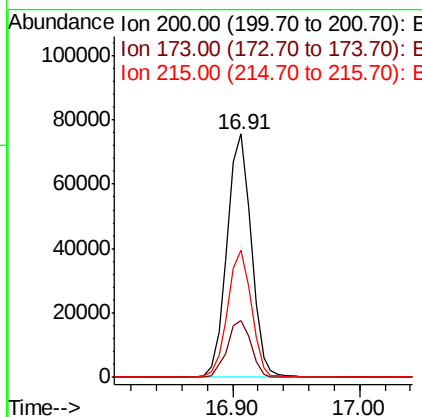
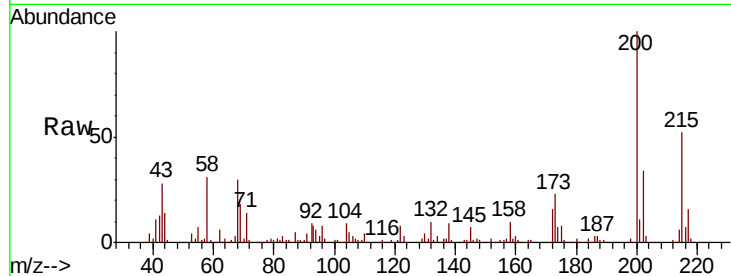




#69
 Atrazine
 Concen: 43.455 ng
 RT: 16.91 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

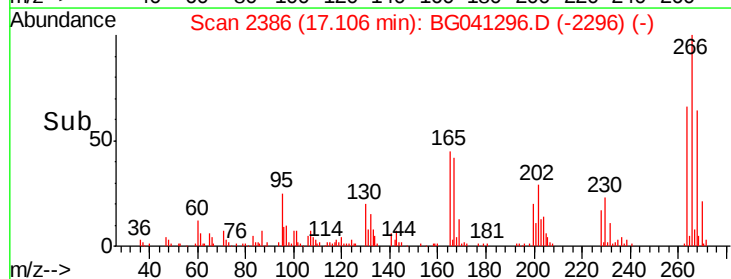
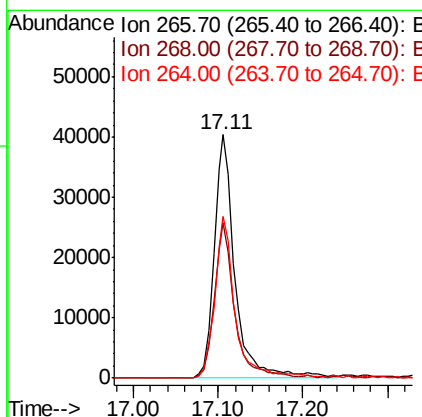
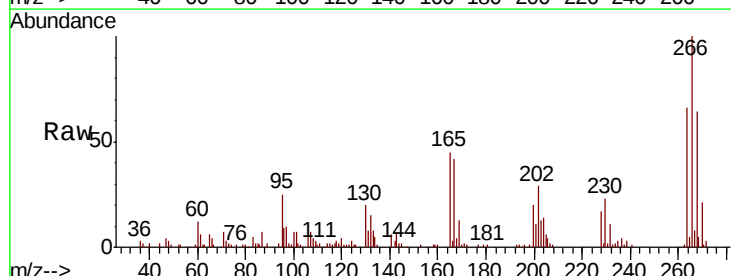
Instrument :
 BNA_G
 ClientSampled :

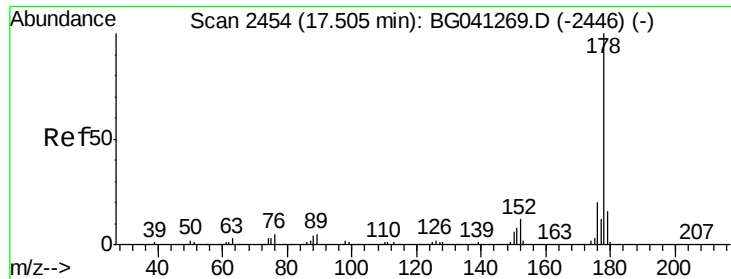
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.1	4.0	44.0
215	52.0	33.4	73.4



#70
 Pentachlorophenol
 Concen: 41.223 ng
 RT: 17.11 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.6	52.0	78.0
264	66.3	51.2	76.8

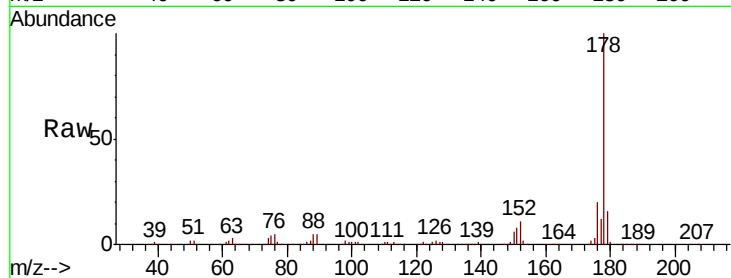




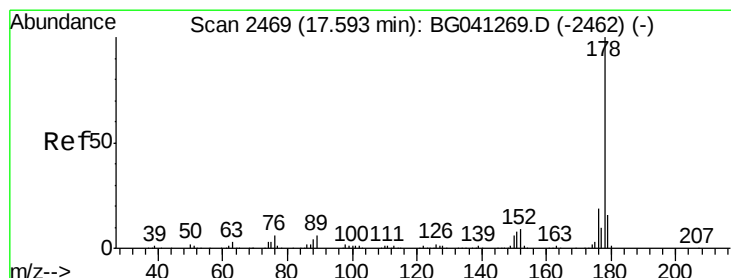
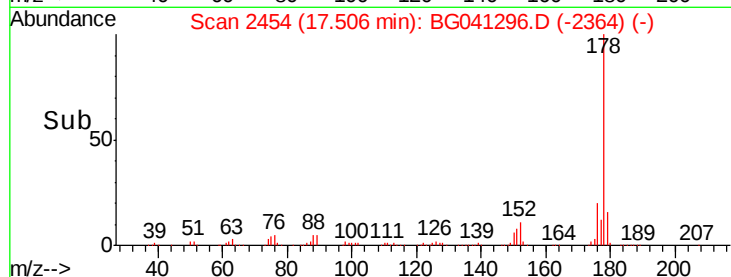
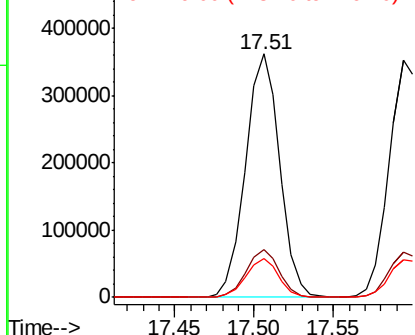
#71
 Phenanthrene
 Concen: 42.412 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:178 Resp: 541781
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.1 24.1
 179 15.9 12.9 19.3

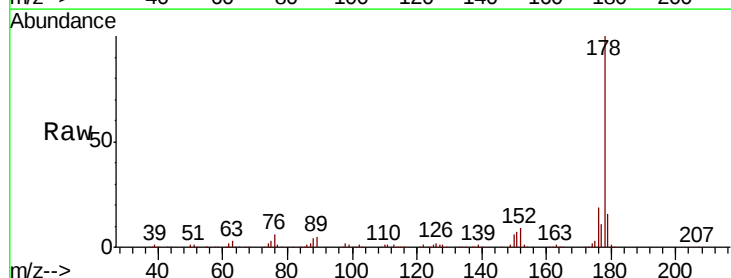


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

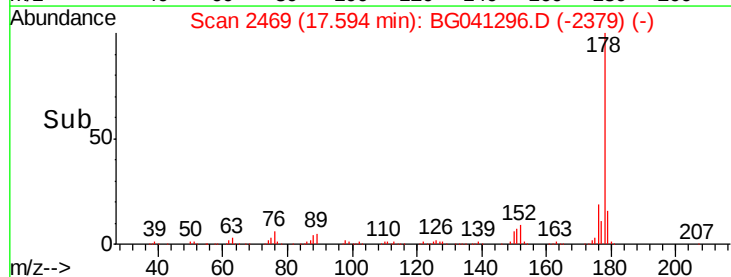
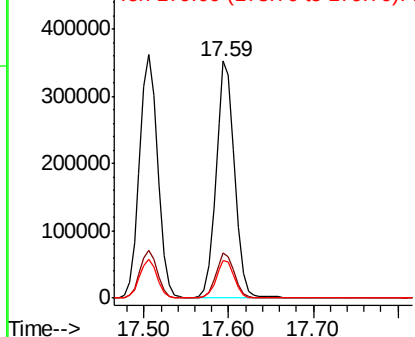


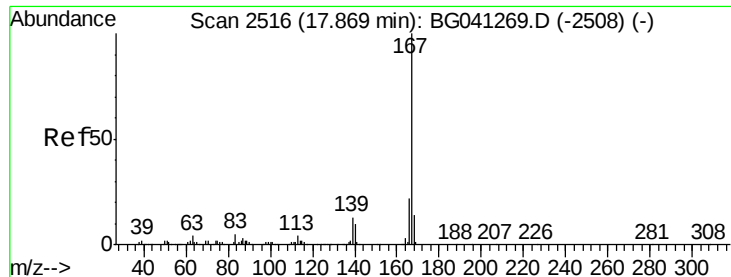
#72
 Anthracene
 Concen: 42.802 ng
 RT: 17.59 min Scan# 2469
 Delta R.T. 0.00 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

Tgt Ion:178 Resp: 539032
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 16.0 13.0 19.4



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

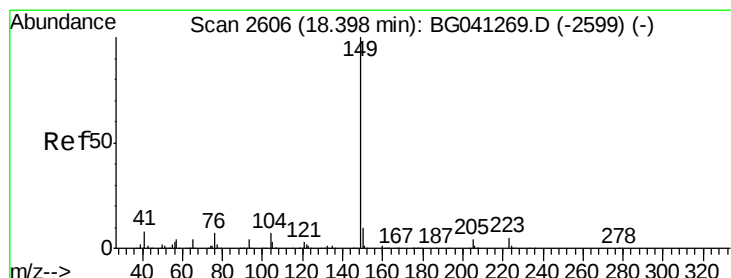
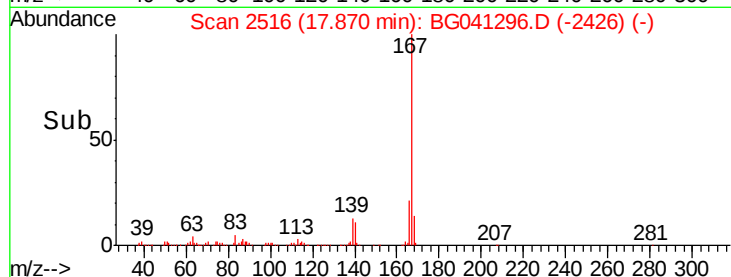
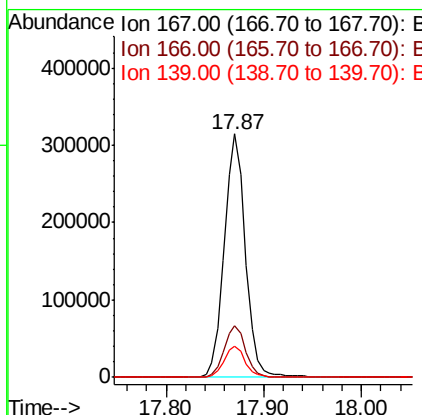
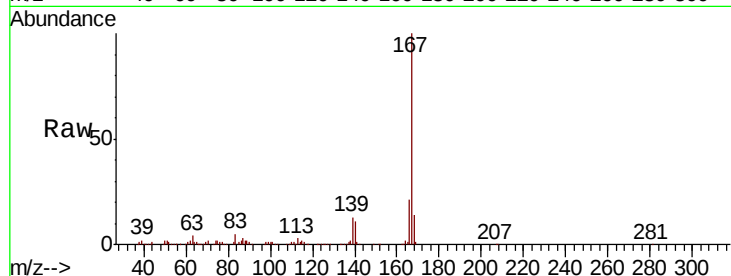




#73
 Carbazole
 Concen: 42.732 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. 0.00 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

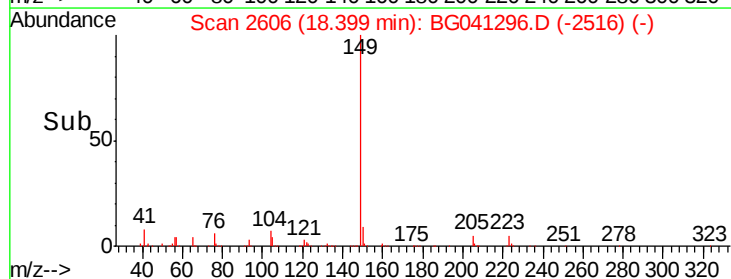
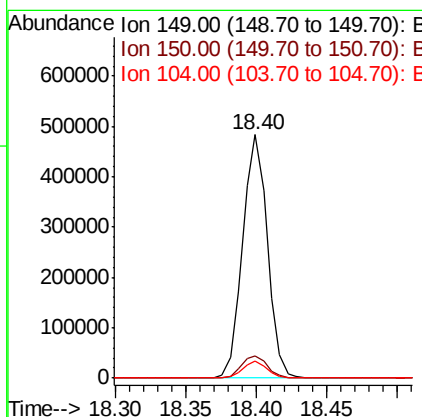
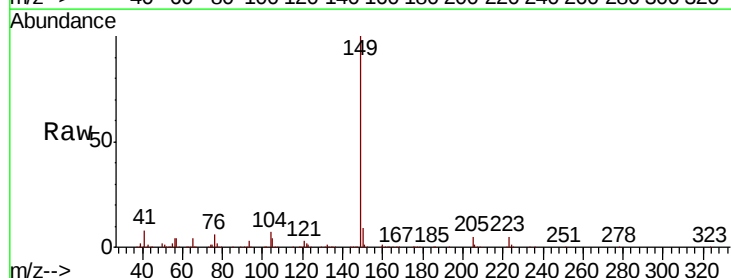
Instrument :
 BNA_G
 ClientSampleId :

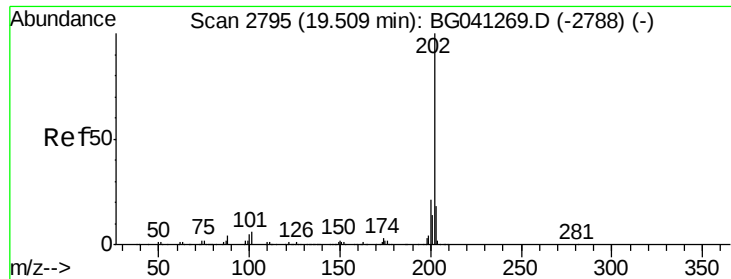
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.9	26.9
139	12.6	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 43.052 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG041296.D
 Acq: 18 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.1	12.1
104	7.0	5.4	8.0





#75

Fluoranthene

Concen: 42.560 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Instrument :

BNA_G

ClientSampleId :

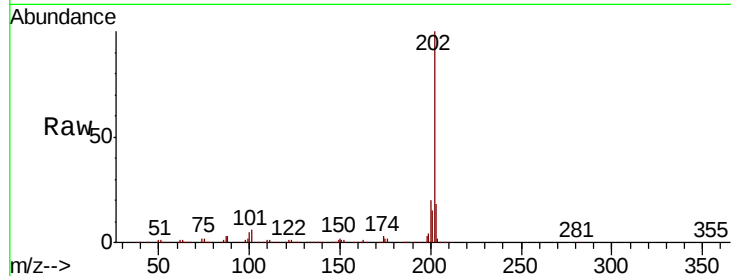
Tot Ion:202 Resp: 722280

Ion Ratio Lower Upper

202 100

101 6.1 0.0 26.0

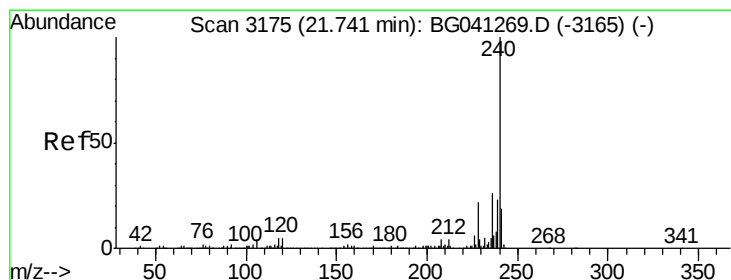
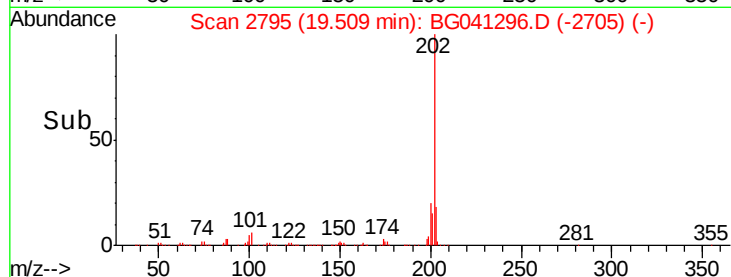
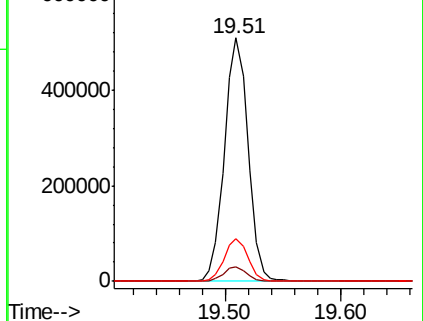
203 17.7 0.0 37.7



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: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

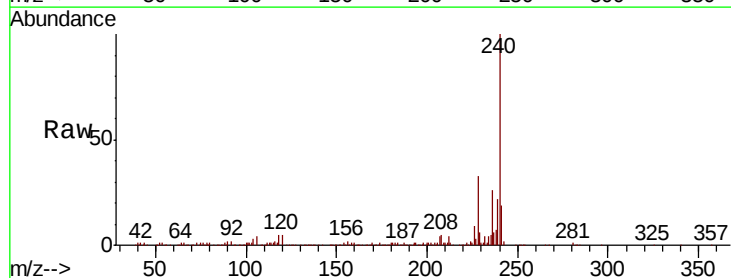
Tgt Ion:240 Resp: 253862

Ion Ratio Lower Upper

240 100

120 5.0 3.7 5.5

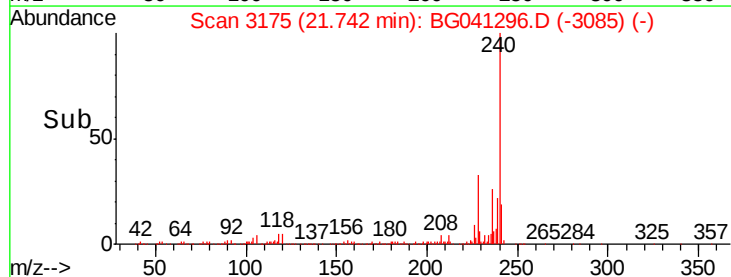
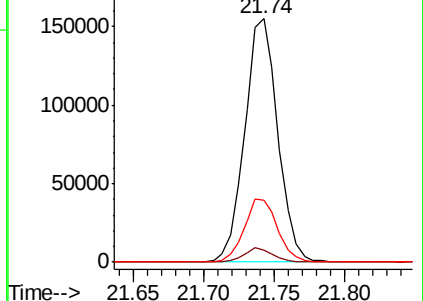
236 25.5 21.1 31.7

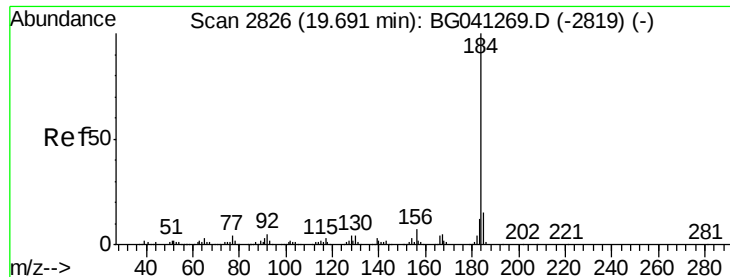


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.671 ng

RT: 19.69 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

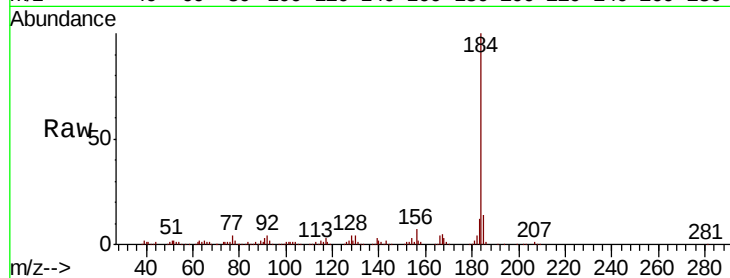
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 255876

Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.2	18.2
183	12.2	9.6	14.4

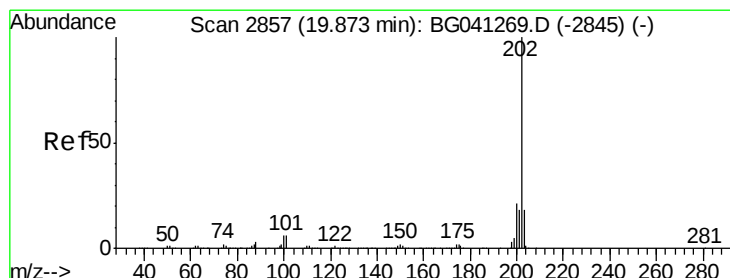
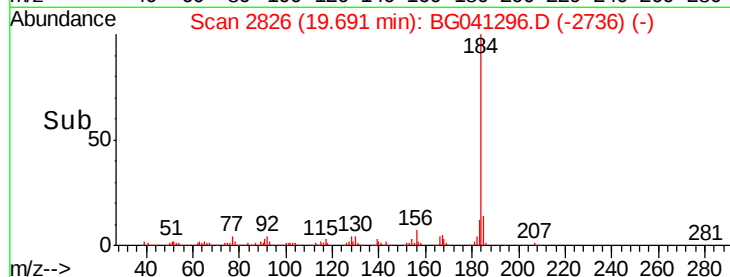
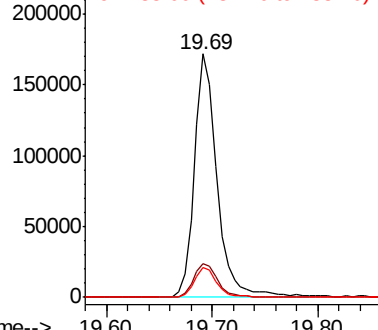


Abundance

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: 42.276 ng

RT: 19.87 min Scan# 2857

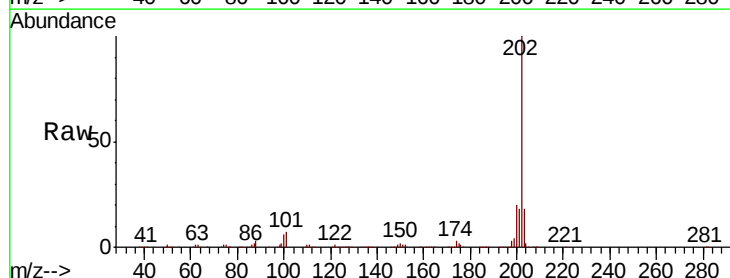
Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Tgt Ion:202 Resp: 723785

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.8	25.2
203	18.2	14.6	21.8

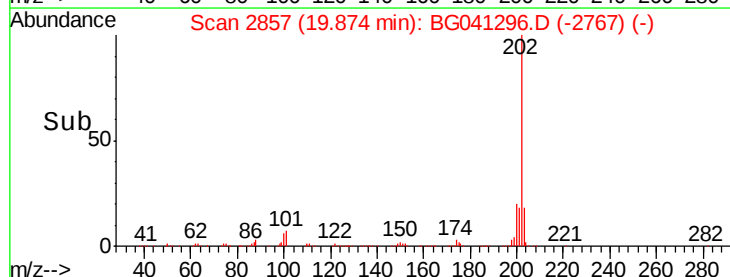
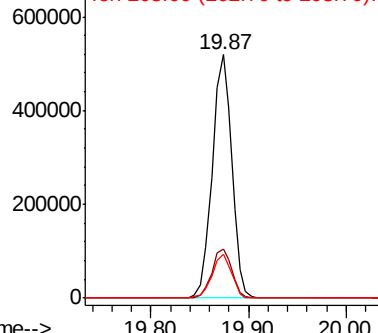


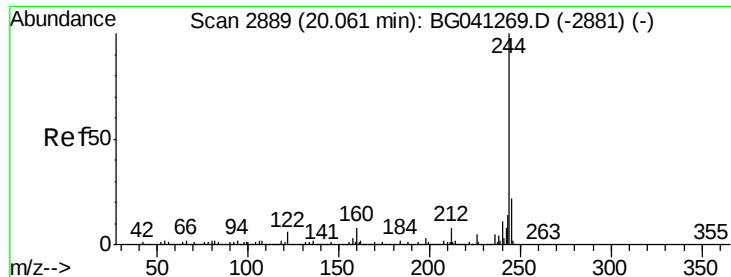
Abundance

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: 84.464 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

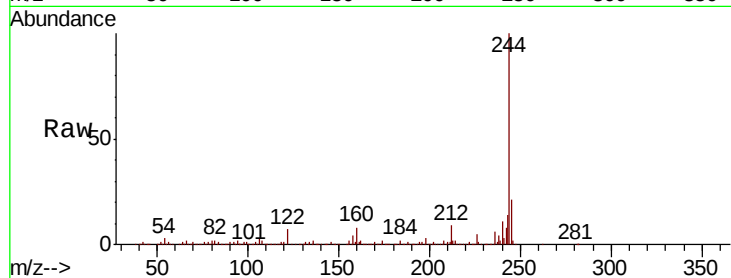
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1081962

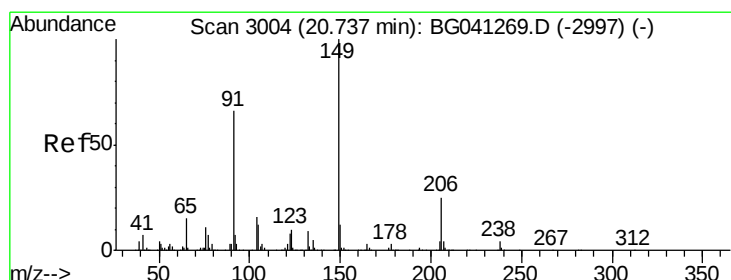
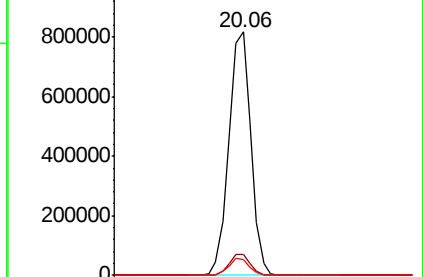
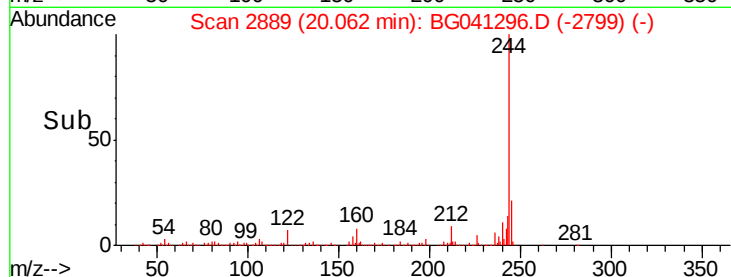
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.6	10.0
122	6.5	5.0	7.4



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: 43.570 ng

RT: 20.74 min Scan# 3004

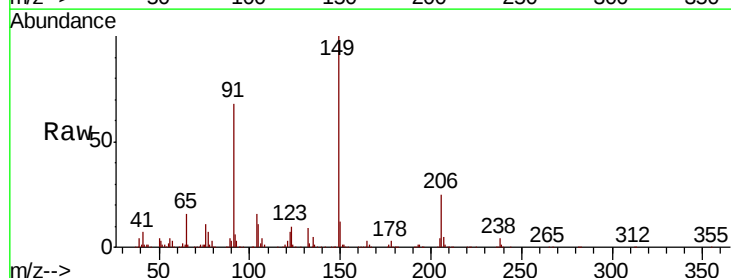
Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Tgt Ion:149 Resp: 282155

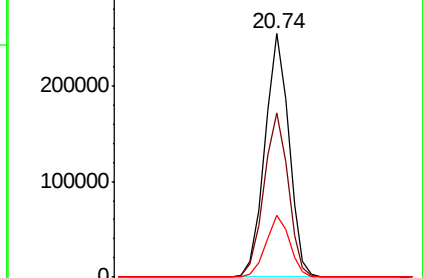
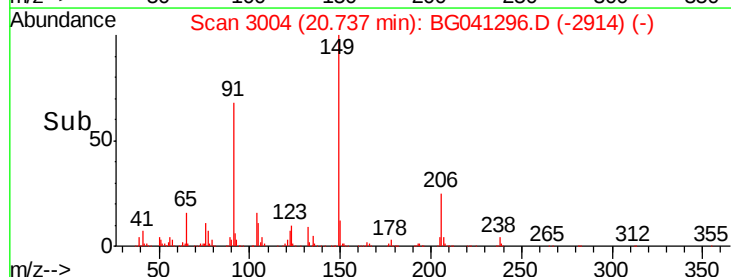
Ion	Ratio	Lower	Upper
149	100		
91	67.6	53.2	79.8
206	25.4	20.3	30.5

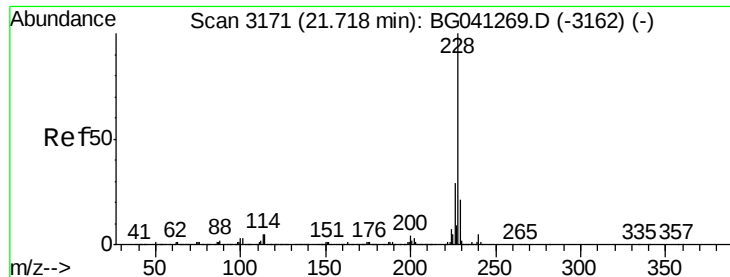


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.214 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

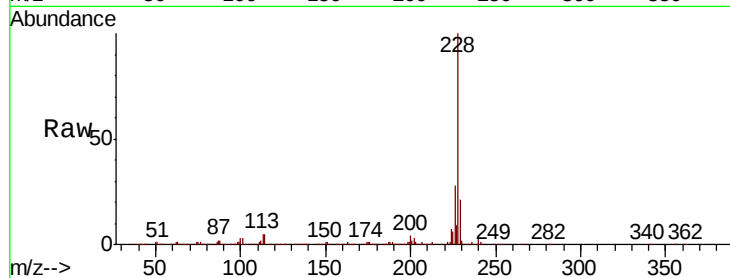
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 725611

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.2	34.8
229	20.9	16.8	25.2

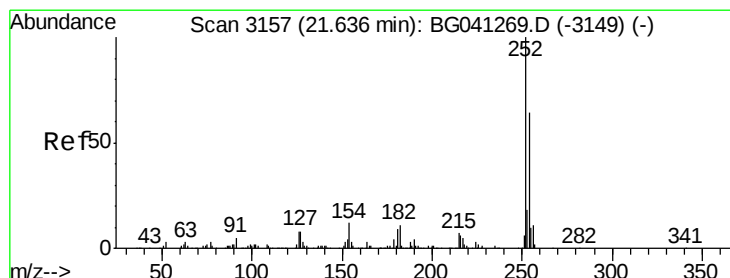
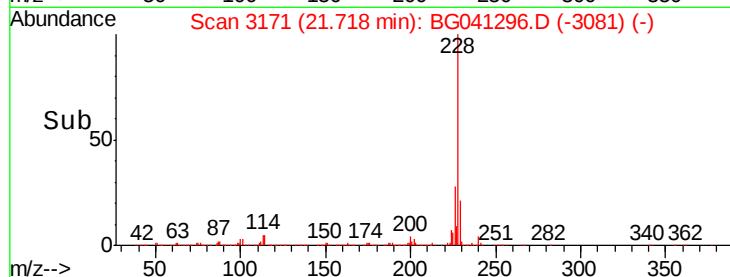
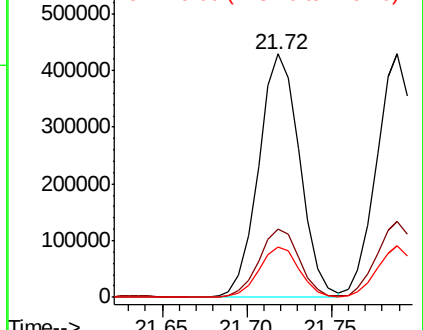


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.492 ng

RT: 21.64 min Scan# 3157

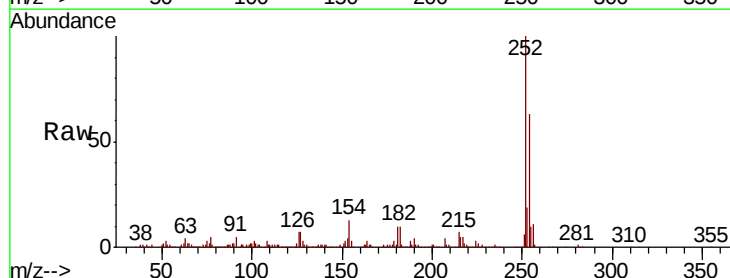
Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Tgt Ion:252 Resp: 262428

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.4	77.0
126	7.2	6.0	9.0

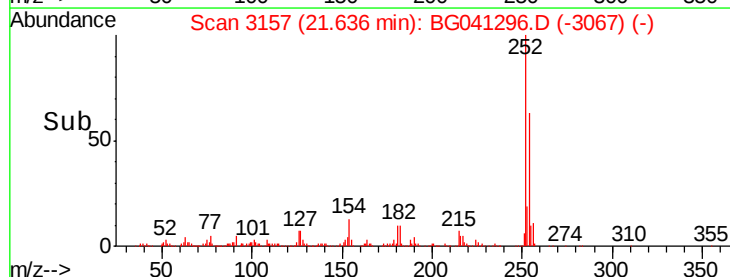
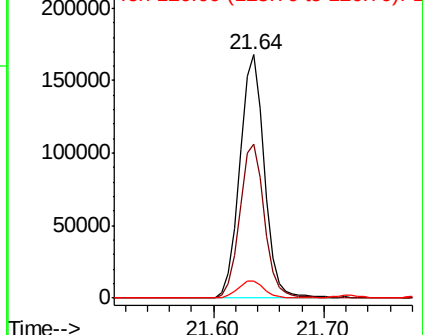


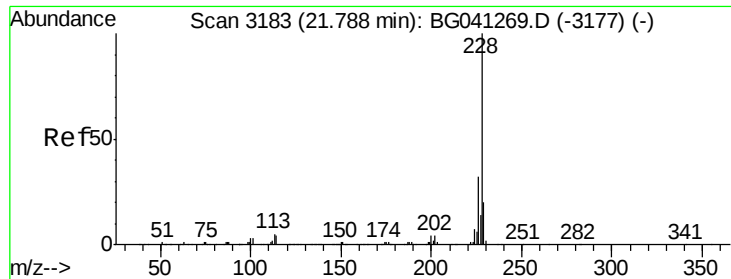
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.115 ng

RT: 21.79 min Scan# 3183

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Instrument :

BNA_G

ClientSampled :

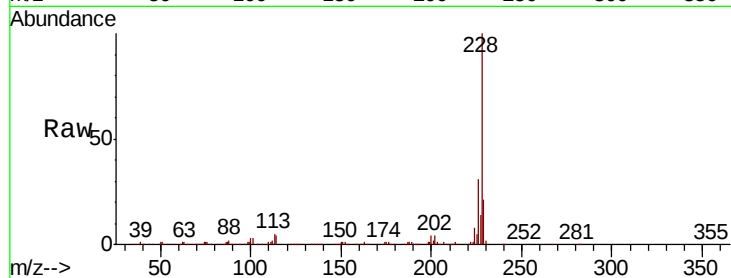
Tot Ion:228 Resp: 696164

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.0

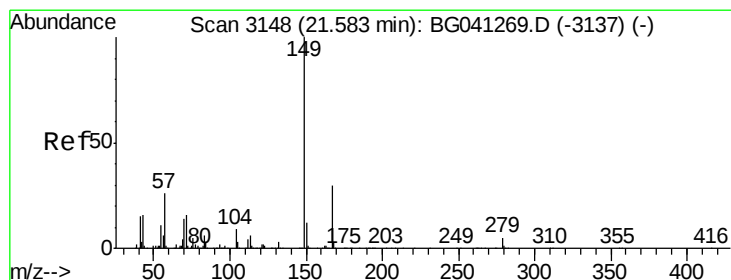
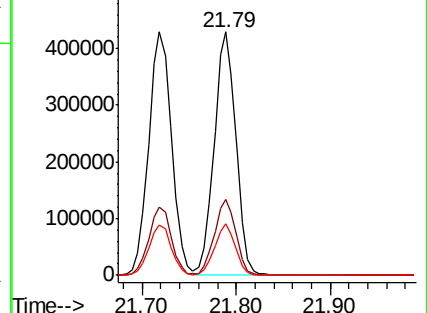
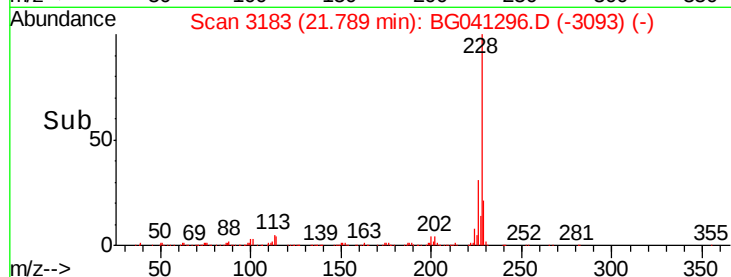
229 21.2 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.518 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.01 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

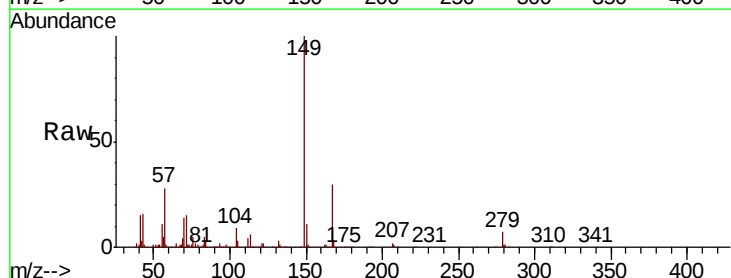
Tgt Ion:149 Resp: 375230

Ion Ratio Lower Upper

149 100

167 30.4 23.8 35.8

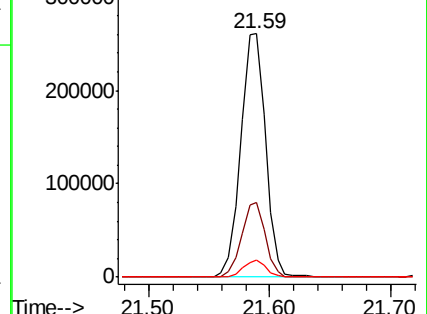
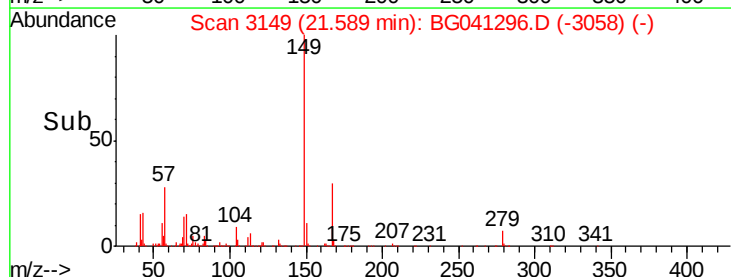
279 6.9 4.4 6.6#

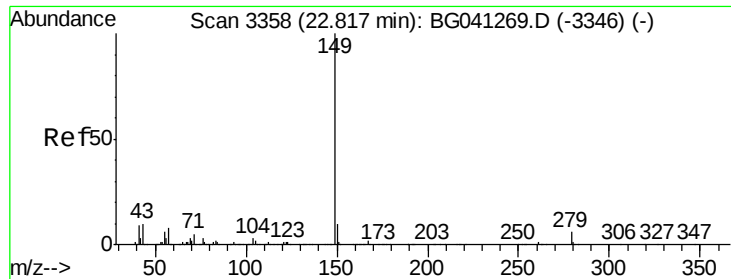


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.577 ng

RT: 22.82 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Instrument :

BNA_G

ClientSampleId :

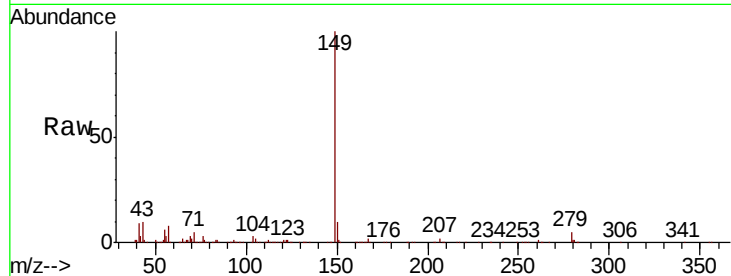
Tot Ion:149 Resp: 635713

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

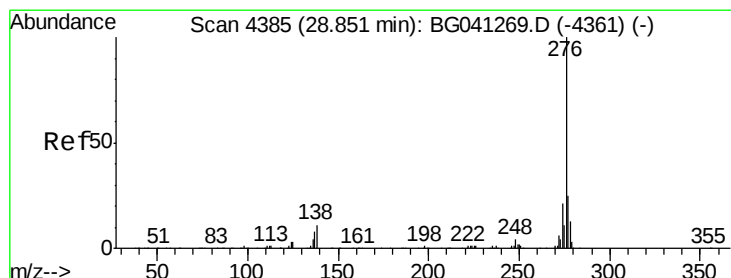
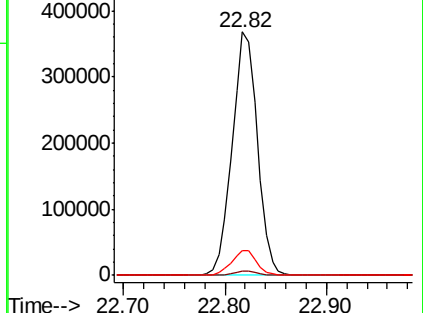
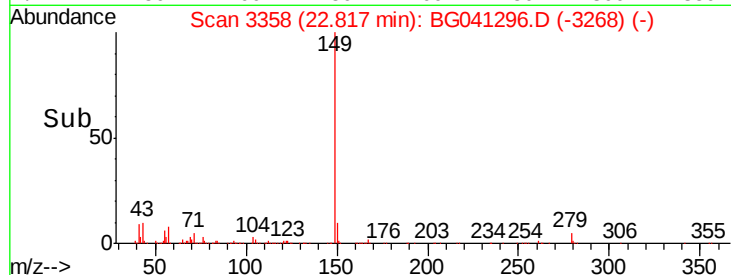
43 10.0 8.2 12.2



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: 41.045 ng

RT: 28.86 min Scan# 4386

Delta R.T. 0.01 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

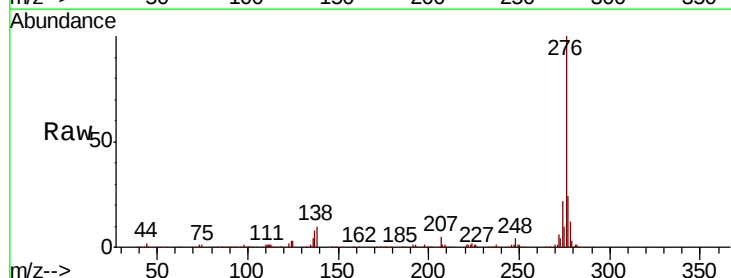
Tgt Ion:276 Resp: 804957

Ion Ratio Lower Upper

276 100

138 12.6 7.7 11.5#

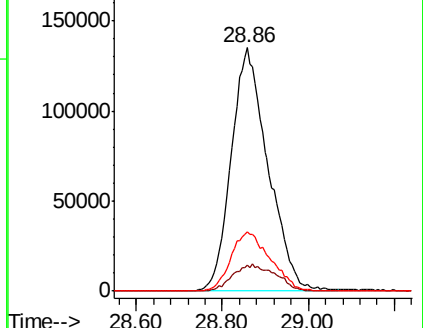
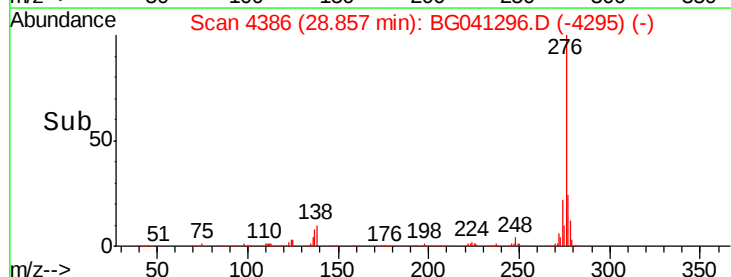
277 26.0 20.6 31.0

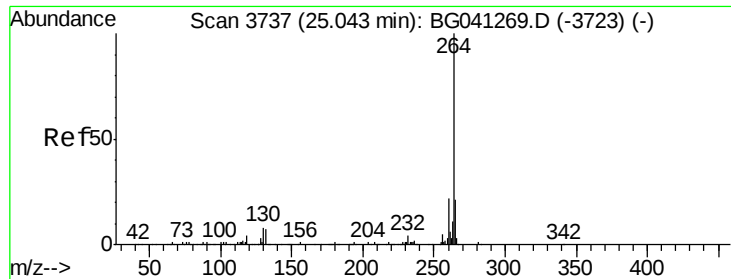


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.05 min Scan# 3738

Delta R.T. 0.01 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

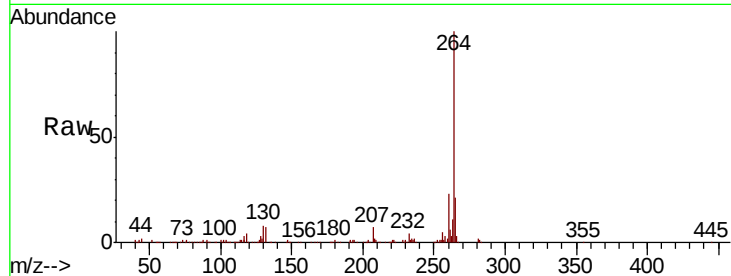
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 267080

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.2
265	20.9	17.2	25.8



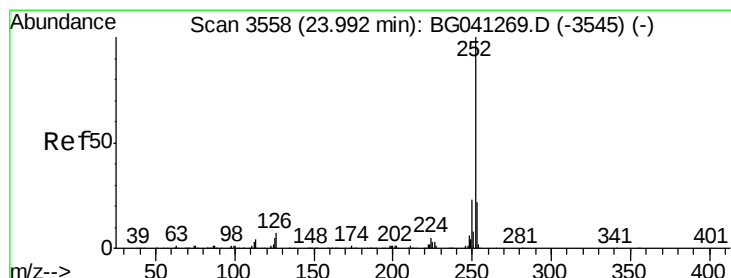
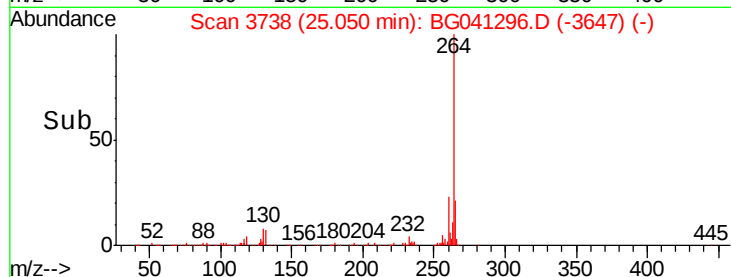
Abundance

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

Time-->



#88

Benzo(b)fluoranthene

Concen: 42.417 ng

RT: 23.99 min Scan# 3558

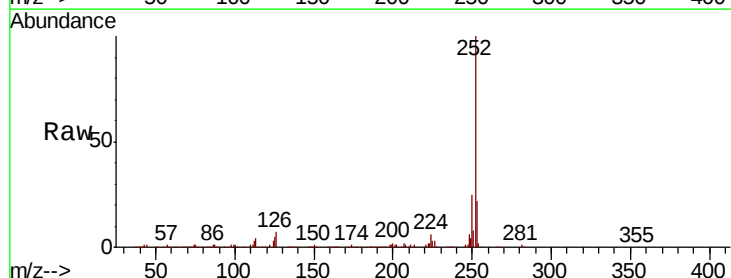
Delta R.T. 0.00 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Tgt Ion:252 Resp: 702089

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	5.3	3.9	5.9



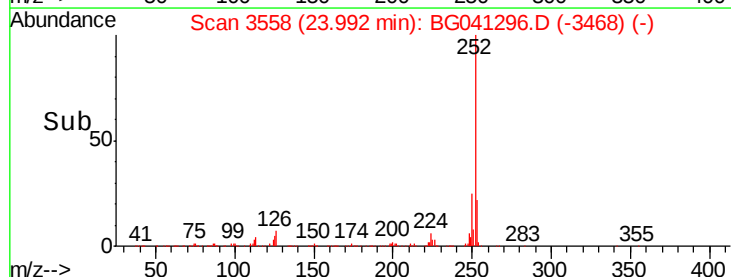
Abundance

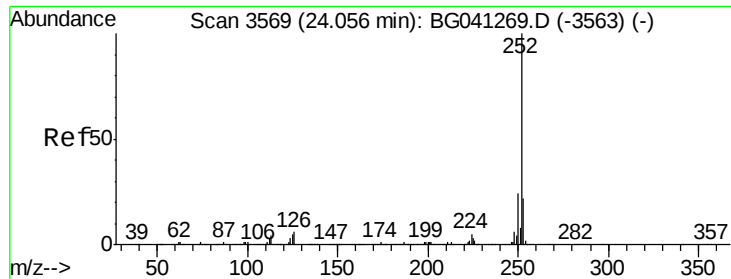
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->

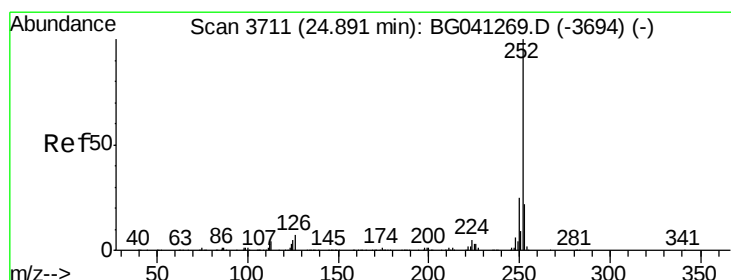
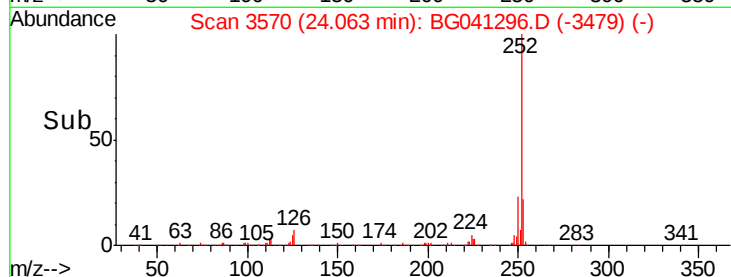
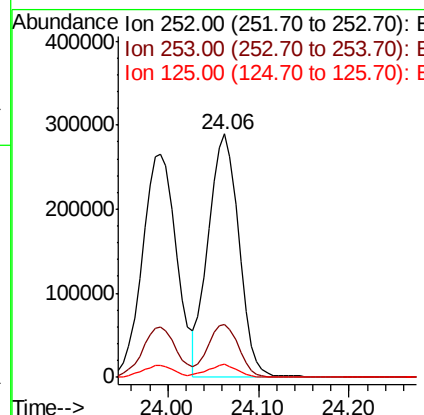
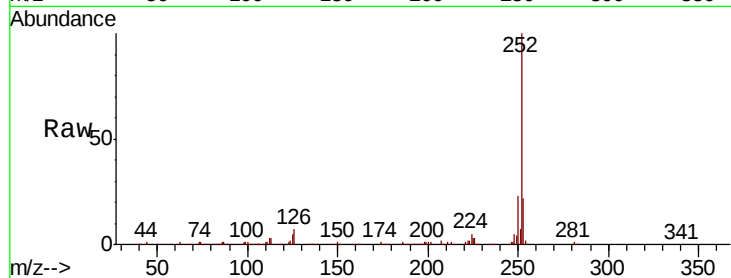




#89
Benzo(k)fluoranthene
Concen: 41.350 ng
RT: 24.06 min Scan# 3570
Delta R.T. 0.01 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

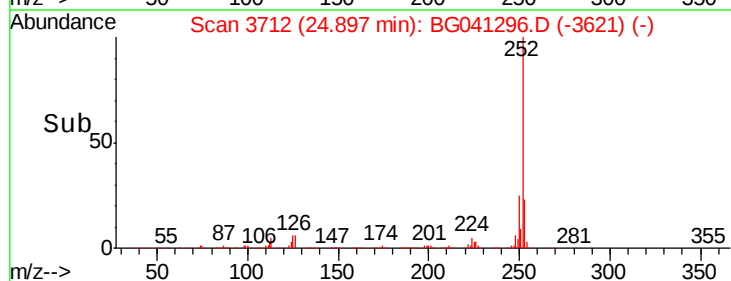
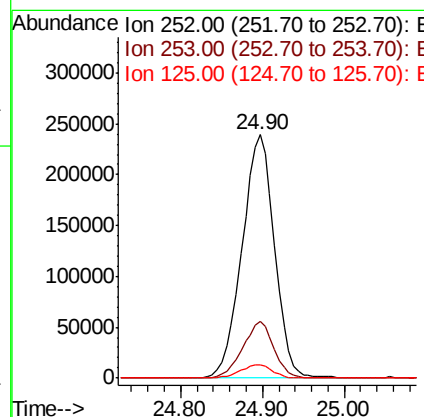
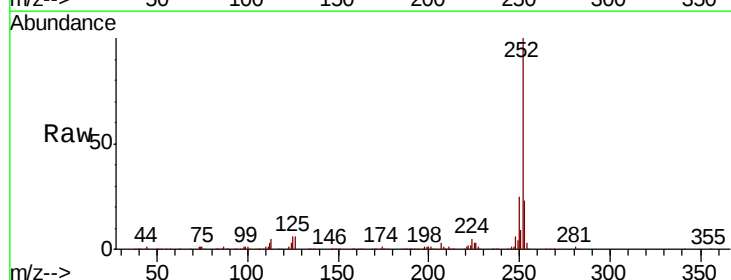
Instrument :
BNA_G
ClientSampleId :

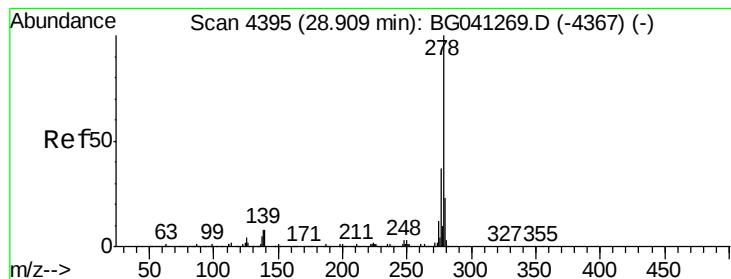
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	5.2	4.3	6.5



#90
Benzo(a)pyrene
Concen: 42.156 ng
RT: 24.90 min Scan# 3712
Delta R.T. 0.01 min
Lab File: BG041296.D
Acq: 18 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	5.6	4.2	6.4





#91

Dibenzo(a,h)anthracene

Concen: 41.662 ng

RT: 28.92 min Scan# 4397

Delta R.T. 0.01 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

Instrument :

BNA_G

ClientSampled :

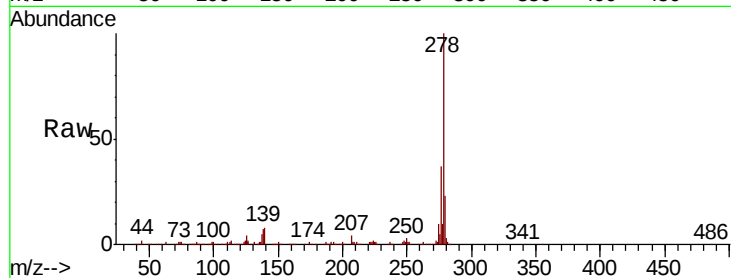
Tot Ion:278 Resp: 655648

Ion Ratio Lower Upper

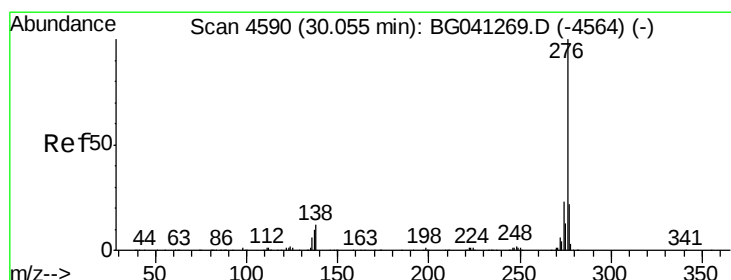
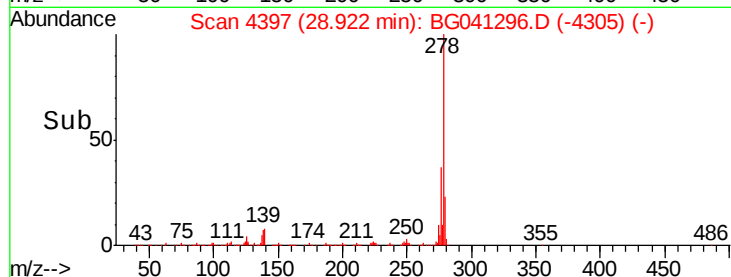
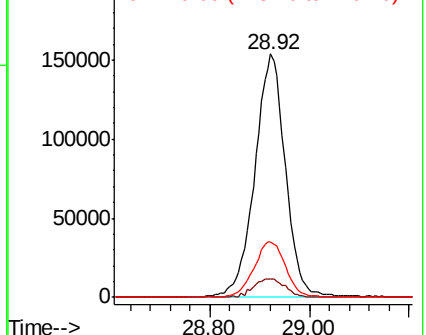
278 100

139 7.7 6.6 10.0

279 22.9 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.451 ng

RT: 30.06 min Scan# 4591

Delta R.T. 0.01 min

Lab File: BG041296.D

Acq: 18 Jun 2019 14:19

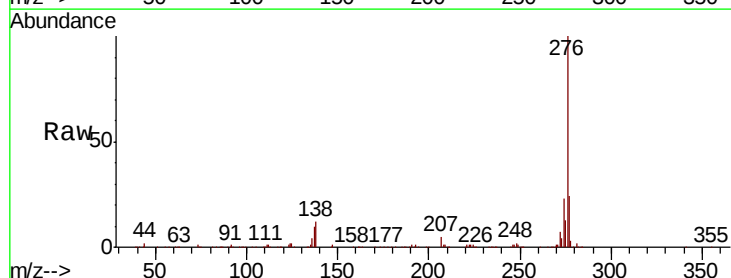
Tgt Ion:276 Resp: 629105

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 11.9 9.4 14.0



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

