

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041284.D
 Acq On : 17 Jun 2019 23:29
 Operator : HP/JU
 Sample : K3154-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 18 07:45:55 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	41847	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	154881	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	109059	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	271118	20.00	ng	0.00
76) Chrysene-d12	21.74	240	271265	20.00	ng	0.00
87) Perylene-d12	25.05	264	291395	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	298788	131.19	ng	0.00
7) Phenol-d6	7.24	99	381273	115.49	ng	0.00
23) Nitrobenzene-d5	9.27	82	342158	92.91	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	246235	147.07	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	756155	94.24	ng	0.00
79) Terphenyl-d14	20.06	244	1341195	97.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	32917	28.823	ng	# 1
3) Pyridine	3.91	79	79561	26.261	ng	93
4) n-Nitrosodimethylamine	3.81	42	60461	37.422	ng	95
6) Aniline	7.41	93	51775	11.283	ng	98
8) 2-Chlorophenol	7.64	128	111358	41.612	ng	95
9) Benzaldehyde	7.22	77	103416	48.978	ng	90
10) Phenol	7.27	94	125486	35.348	ng	94
11) bis(2-Chloroethyl)ether	7.50	93	105290	39.089	ng	97
12) 1,3-Dichlorobenzene	7.97	146	131029	39.105	ng	94
13) 1,4-Dichlorobenzene	8.12	146	131335	38.372	ng	94
14) 1,2-Dichlorobenzene	8.44	146	127176	38.902	ng	96
15) Benzyl Alcohol	8.33	79	123363	39.002	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.61	45	167587	38.006	ng	99
17) 2-Methylphenol	8.53	107	103428	40.752	ng	96
18) Hexachloroethane	9.17	117	50857	37.496	ng	92
19) n-Nitroso-di-n-propylamine	8.89	70	104112	38.993	ng	97
20) 3+4-Methylphenols	8.85	107	135633	40.144	ng	94
22) Acetophenone	8.92	105	199869	44.346	ng	97
24) Nitrobenzene	9.31	77	164828	44.502	ng	99
25) Isophorone	9.82	82	291232	43.105	ng	99
26) 2-Nitrophenol	10.02	139	69886	46.541	ng	97
27) 2,4-Dimethylphenol	10.06	122	118501	52.648	ng	99
28) bis(2-Chloroethoxy)methane	10.31	93	150169	42.657	ng	97
29) 2,4-Dichlorophenol	10.55	162	133135	47.704	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	152743	42.734	ng	97
31) Naphthalene	10.96	128	377506	44.847	ng	98
32) Benzoic acid	10.20	122	35156	23.994	ng	97
33) 4-Chloroaniline	11.08	127	13113	3.668	ng	# 91
34) Hexachlorobutadiene	11.22	225	115012	40.538	ng	99
35) Caprolactam	11.92	113	10541	10.971	ng	92
36) 4-Chloro-3-methylphenol	12.19	107	146773	45.530	ng	96
37) 2-Methylnaphthalene	12.56	142	277725	44.797	ng	95
38) 1-Methylnaphthalene	12.77	142	260910	43.986	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	209305	46.477	ng	99

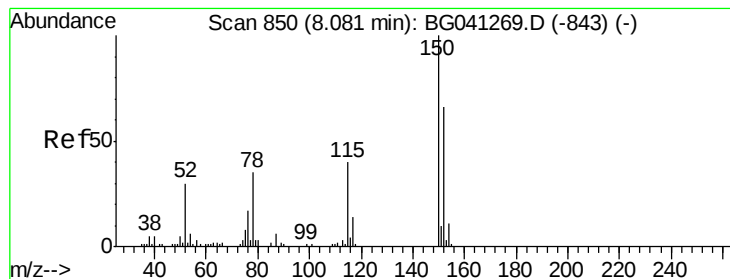
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
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 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	197750	65.190	ng	99
43) 2,4,6-Trichlorophenol	13.15	196	128272	46.044	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	137138	47.842	ng	95
46) 1,1'-Biphenyl	13.55	154	373973	45.359	ng	98
47) 2-Chloronaphthalene	13.60	162	317783	44.769	ng	98
48) 2-Nitroaniline	13.81	65	111317	42.820	ng	97
49) Acenaphthylene	14.45	152	487755	45.282	ng	99
50) Dimethylphthalate	14.17	163	407961	42.042	ng	99
51) 2,6-Dinitrotoluene	14.30	165	93367	45.633	ng	96
52) Acenaphthene	14.78	154	284976	45.055	ng	95
53) 3-Nitroaniline	14.64	138	28804	14.289	ng	# 95
54) 2,4-Dinitrophenol	14.84	184	69670	49.334	ng	93
55) Dibenzofuran	15.12	168	492393	44.774	ng	99
56) 4-Nitrophenol	14.94	139	121322	79.254	ng	97
57) 2,4-Dinitrotoluene	15.09	165	132509	44.304	ng	# 97
58) Fluorene	15.76	166	393253	45.458	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	133350	44.986	ng	94
60) Diethylphthalate	15.52	149	417603	42.341	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	241042	42.825	ng	97
62) 4-Nitroaniline	15.80	138	82228	38.139	ng	96
63) Azobenzene	16.04	77	391825	44.531	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	57105	32.450	ng	98
66) n-Nitrosodiphenylamine	15.97	169	353798	49.146	ng	98
67) 4-Bromophenyl-phenylether	16.64	248	157655	44.972	ng	97
68) Hexachlorobenzene	16.76	284	165242	44.018	ng	95
69) Atrazine	16.91	200	150584	Below Cal		98
70) Pentachlorophenol	17.11	266	180409	93.853	ng	98
71) Phenanthrene	17.51	178	665988	46.058	ng	100
72) Anthracene	17.60	178	680168	47.713	ng	99
73) Carbazole	17.87	167	585203	46.928	ng	99
74) Di-n-butylphthalate	18.40	149	695760	44.715	ng	100
75) Fluoranthene	19.51	202	861249	44.834	ng	98
77) Benzidine	19.69	184	118103	18.000	ng	99
78) Pyrene	19.88	202	871816	47.655	ng	99
80) Butylbenzylphthalate	20.74	149	314545	45.456	ng	98
81) Benzo(a)anthracene	21.72	228	850998	46.333	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	108117	16.769	ng	96
83) Chrysene	21.79	228	812148	45.980	ng	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	439023	46.555	ng	99
85) Di-n-octyl phthalate	22.82	149	746213	46.771	ng	99
86) Indeno(1,2,3-cd)pyrene	28.86	276	977818	46.660	ng	99
88) Benzo(b)fluoranthene	23.99	252	825923	45.735	ng	99
89) Benzo(k)fluoranthene	24.06	252	814353	45.521	ng	99
90) Benzo(a)pyrene	24.89	252	821185	48.149	ng	99
91) Dibenzo(a,h)anthracene	28.92	278	806058	46.945	ng	99
92) Benzo(g,h,i)perylene	30.06	276	805445	47.467	ng	99

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

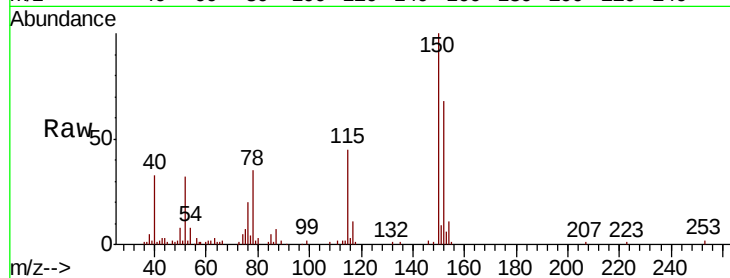


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.0	120.6	181.0
115	66.4	47.9	71.9

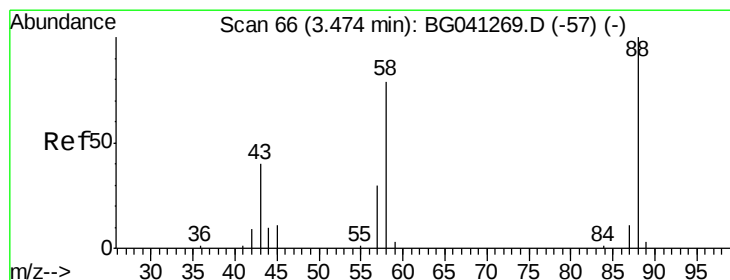
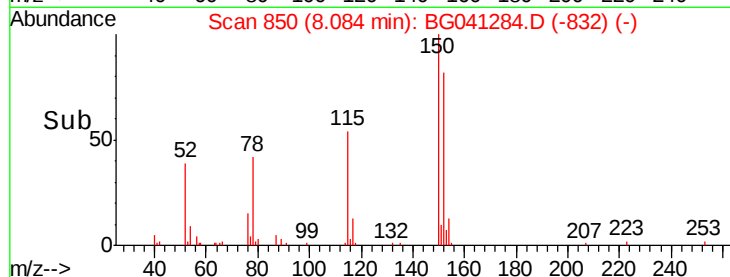
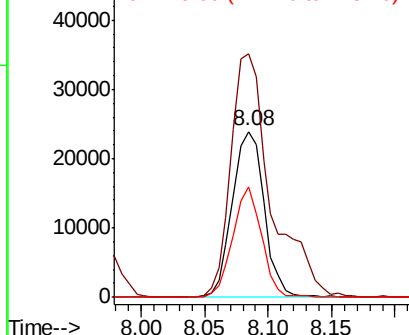


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

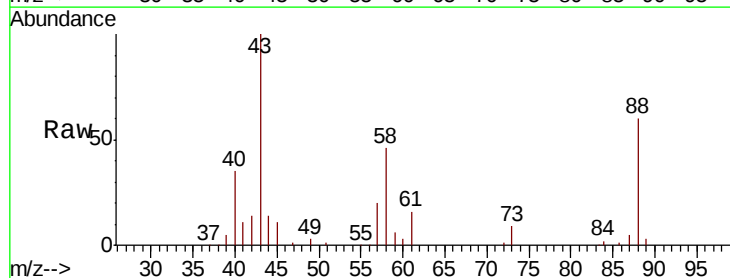
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.823 ng
RT: 3.49 min Scan# 68
Delta R.T. 0.02 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.2	59.7	89.5
43	225.3	31.9	47.9#

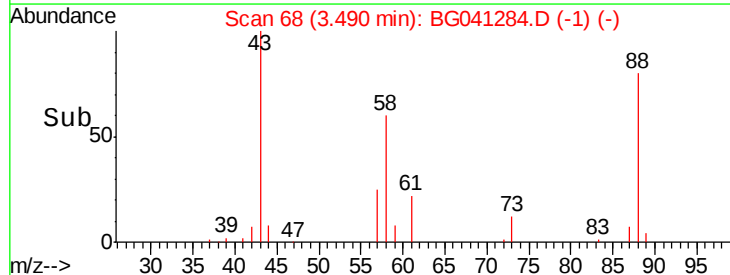
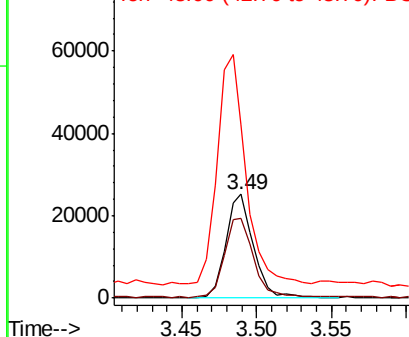


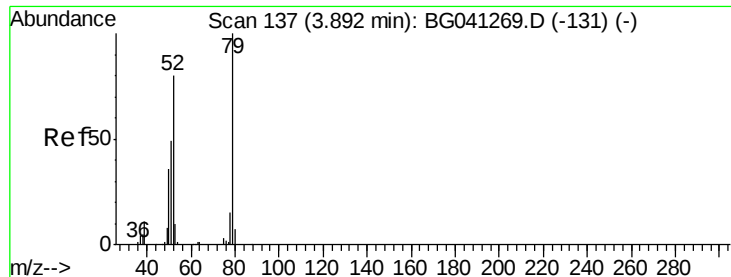
Abundance

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: 26.261 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.02 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampleId :

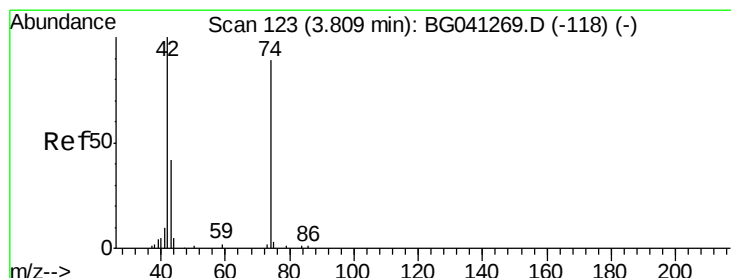
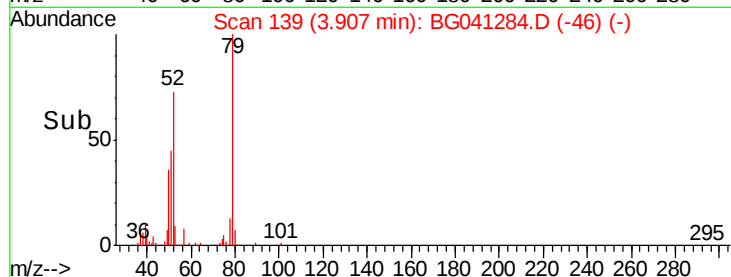
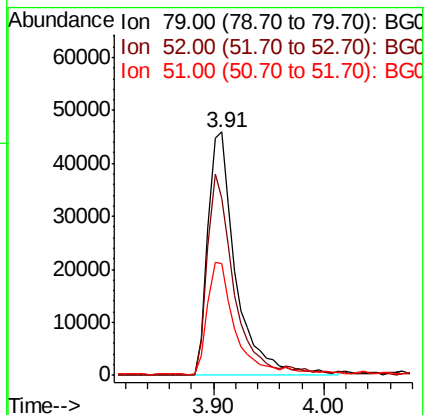
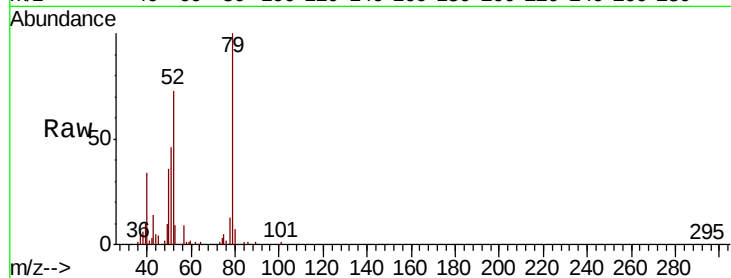
Tot Ion: 79 Resp: 79561

Ion Ratio Lower Upper

79 100

52 73.0 63.6 95.4

51 45.7 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 37.422 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

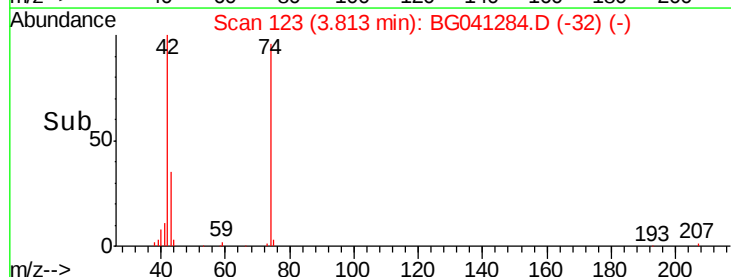
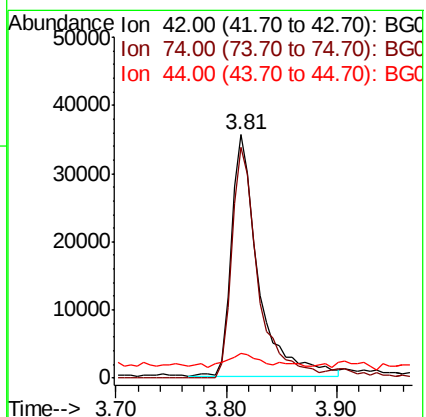
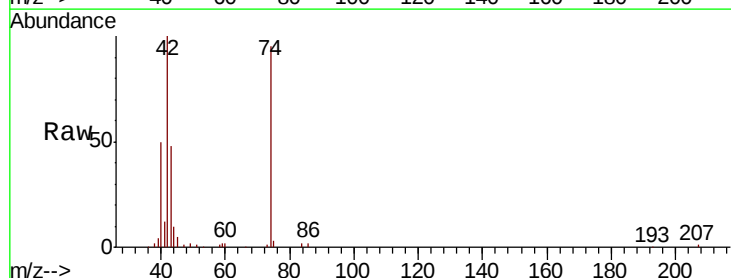
Tgt Ion: 42 Resp: 60461

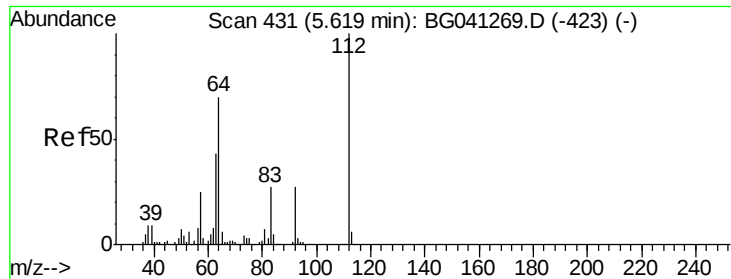
Ion Ratio Lower Upper

42 100

74 94.6 71.6 107.4

44 9.9 9.0 13.4





#5

2-Fluorophenol

Concen: 131.192 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampled :

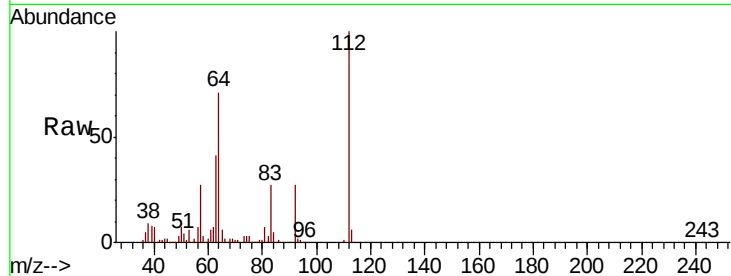
Tot Ion:112 Resp: 298788

Ion Ratio Lower Upper

112 100

64 70.7 55.9 83.9

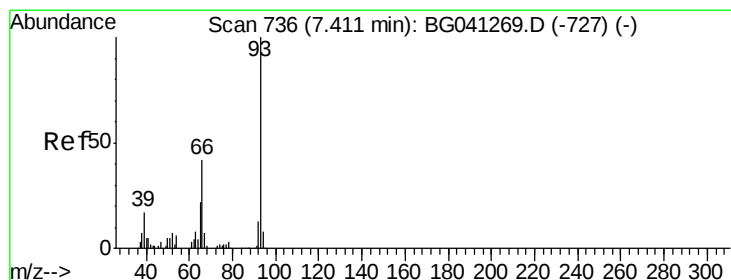
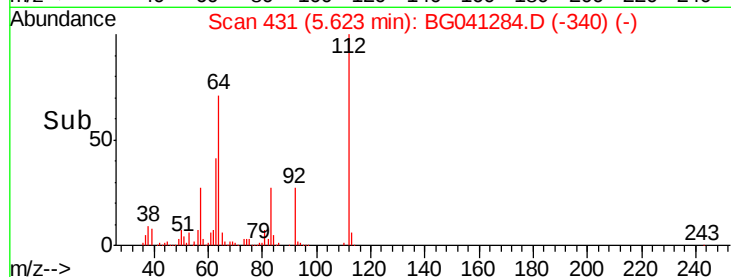
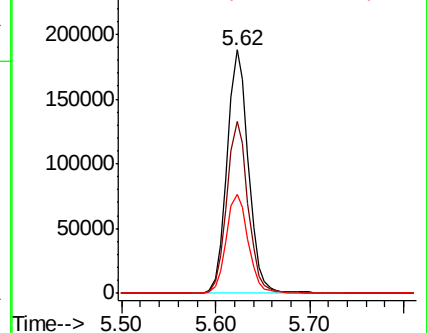
63 40.7 34.6 51.8



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: 11.283 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

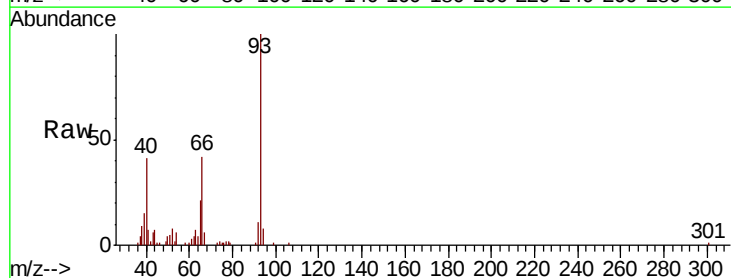
Tgt Ion: 93 Resp: 51775

Ion Ratio Lower Upper

93 100

66 42.3 34.2 51.2

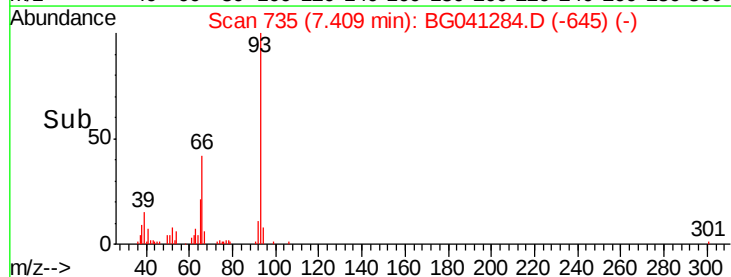
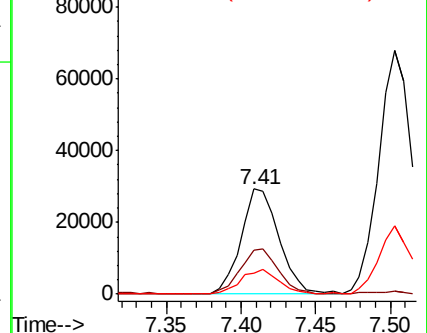
65 20.5 17.7 26.5

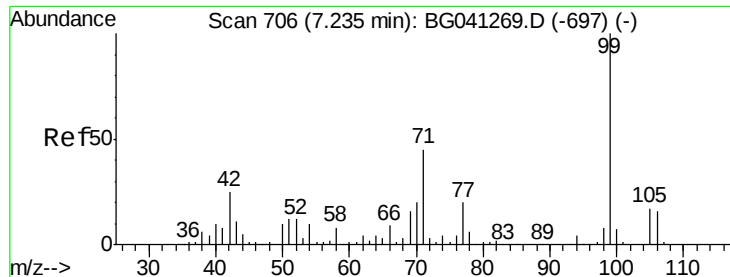


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.494 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampled :

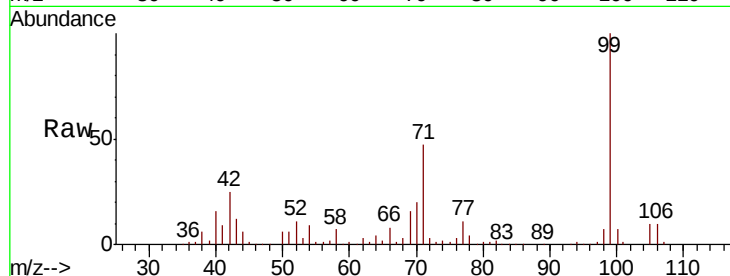
Tot Ion: 99 Resp: 381273

Ion Ratio Lower Upper

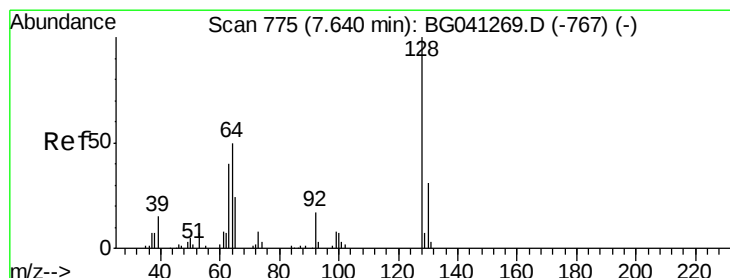
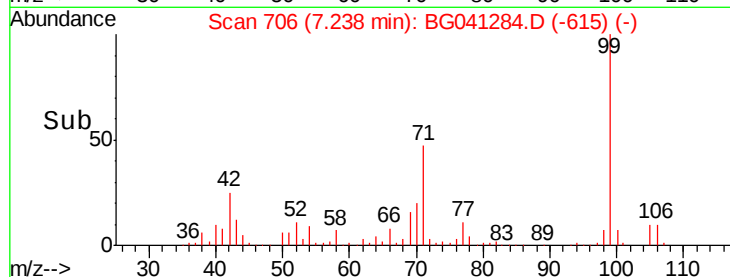
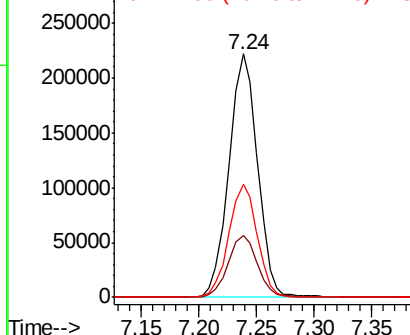
99 100

42 25.3 19.9 29.9

71 46.7 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: 41.612 ng

RT: 7.64 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

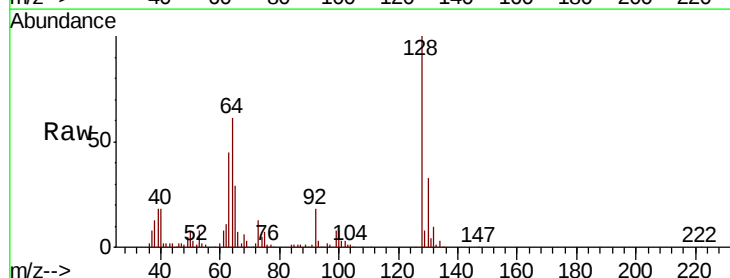
Tgt Ion: 128 Resp: 111358

Ion Ratio Lower Upper

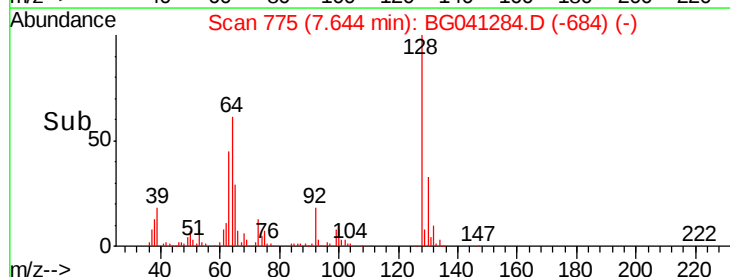
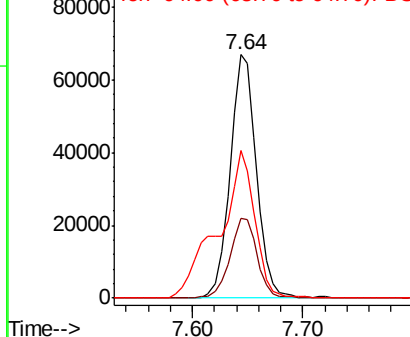
128 100

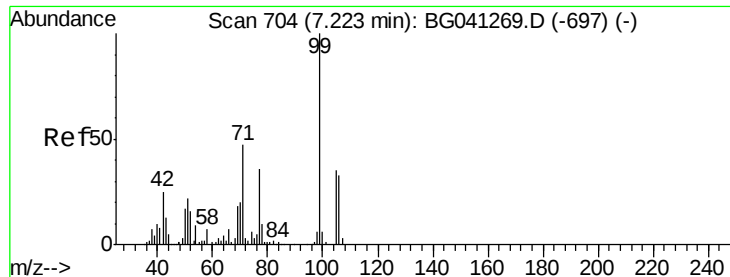
130 32.7 11.1 51.1

64 60.6 36.6 76.6



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





#9

Benzaldehyde

Concen: 48.978 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampleId :

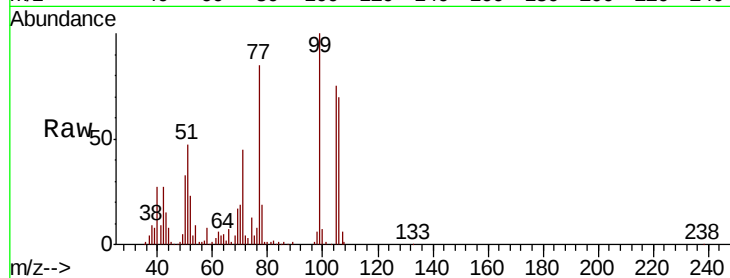
Tot Ion: 77 Resp: 103416

Ion Ratio Lower Upper

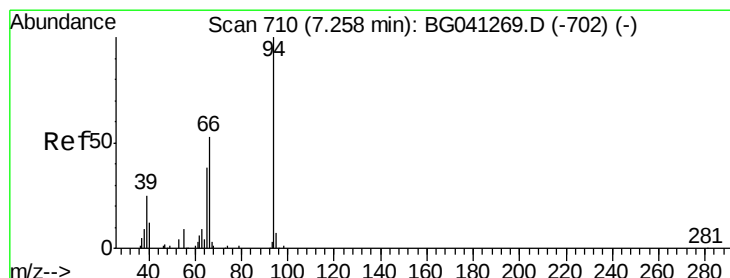
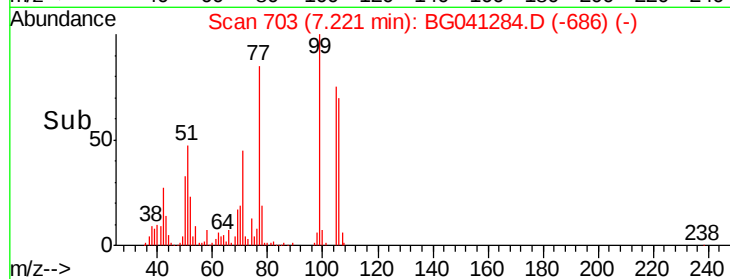
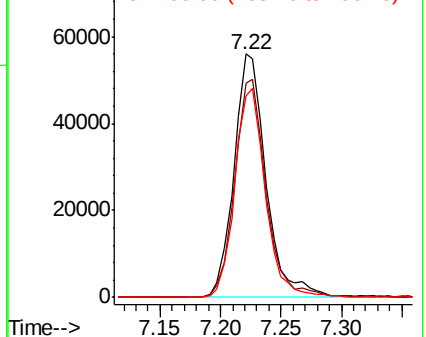
77 100

105 88.0 78.7 118.7

106 82.5 71.1 111.1



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



#10

Phenol

Concen: 35.348 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.01 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

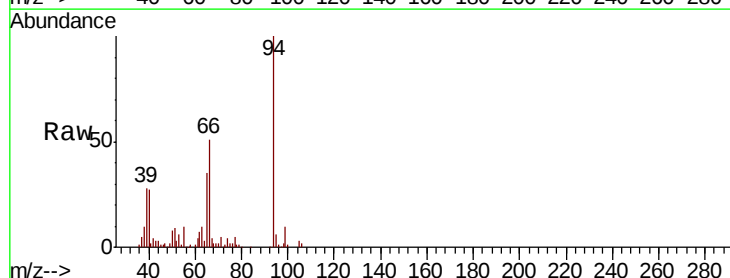
Tgt Ion: 94 Resp: 125486

Ion Ratio Lower Upper

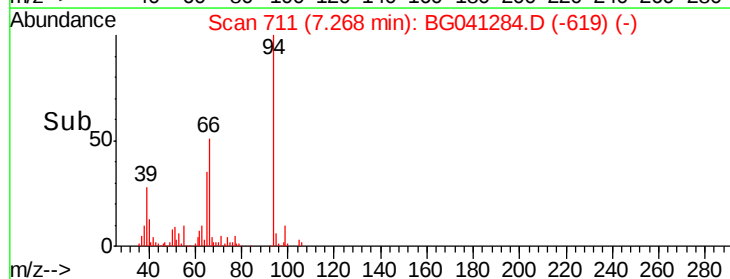
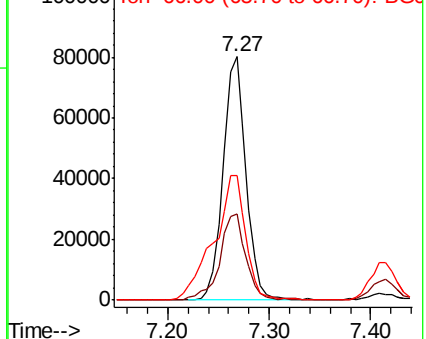
94 100

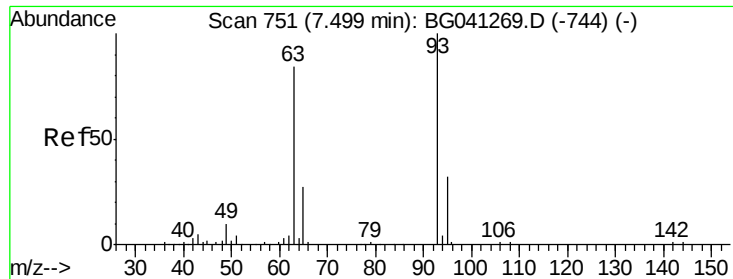
65 35.4 18.7 58.7

66 51.4 35.5 75.5



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





#11

bis(2-Chloroethyl)ether

Concen: 39.089 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampleId :

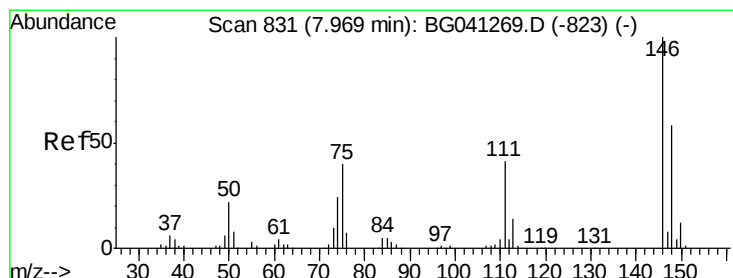
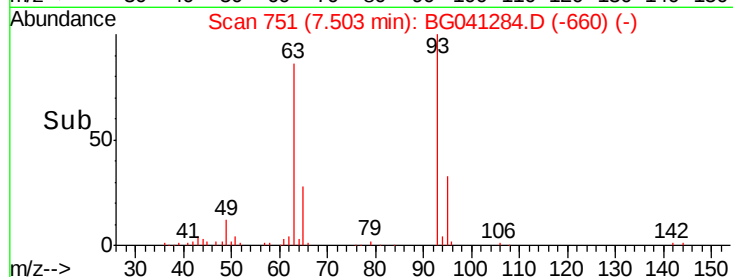
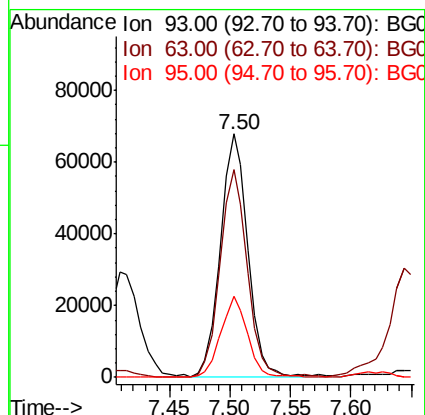
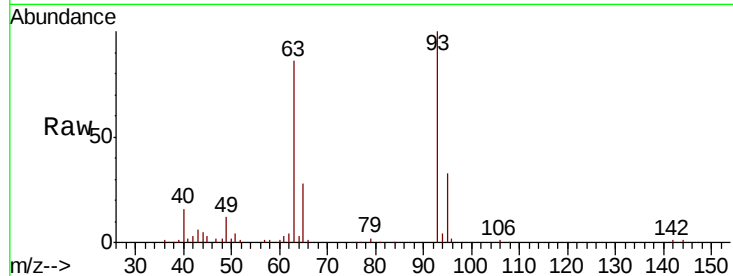
Tot Ion: 93 Resp: 105290

Ion Ratio Lower Upper

93 100

63 85.6 63.6 103.6

95 33.1 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 39.105 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

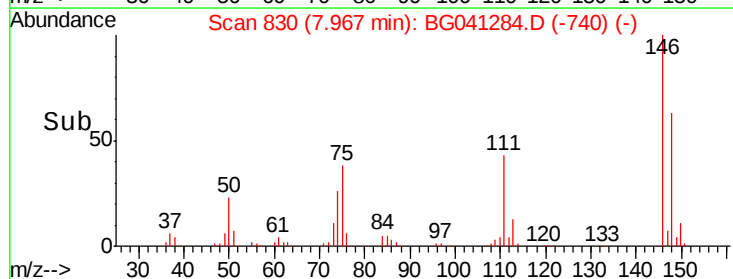
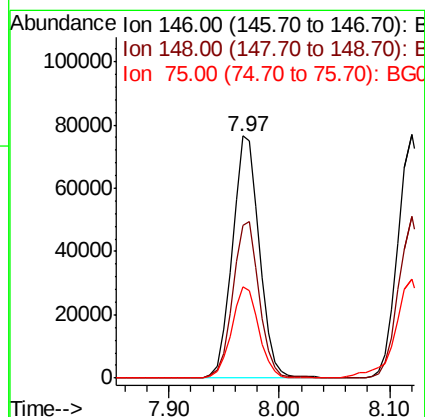
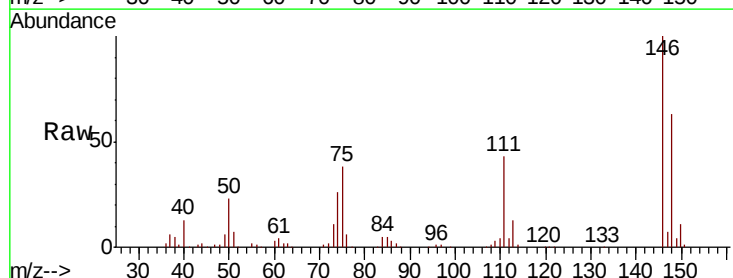
Tgt Ion: 146 Resp: 131029

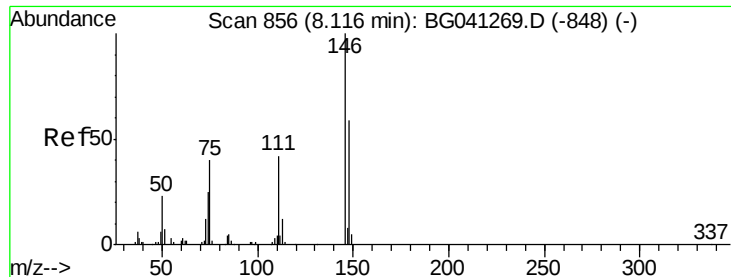
Ion Ratio Lower Upper

146 100

148 63.2 46.5 69.7

75 37.6 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 38.372 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampled :

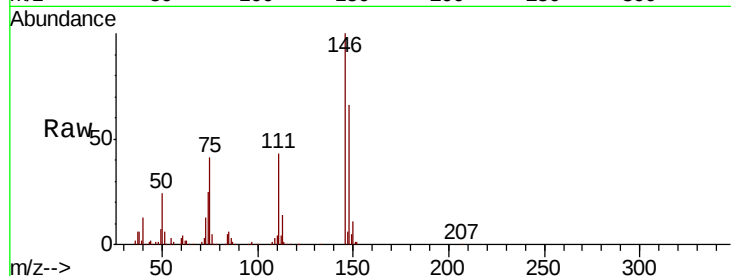
Tot Ion:146 Resp: 131335

Ion Ratio Lower Upper

146 100

148 66.2 47.3 70.9

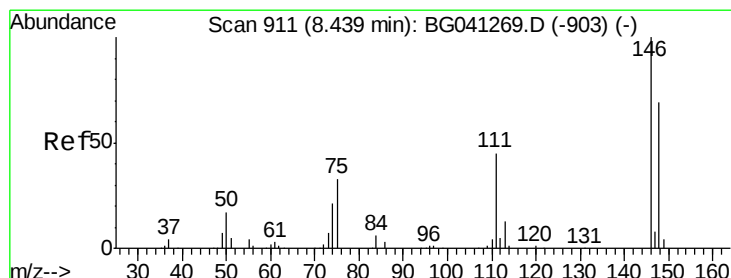
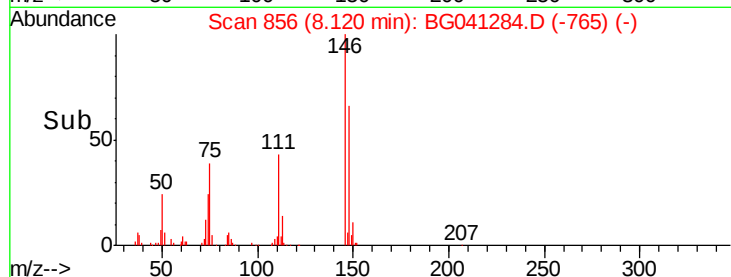
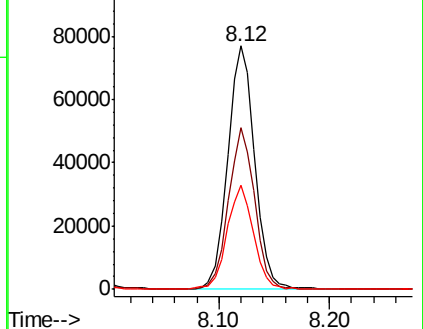
111 42.8 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.902 ng

RT: 8.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

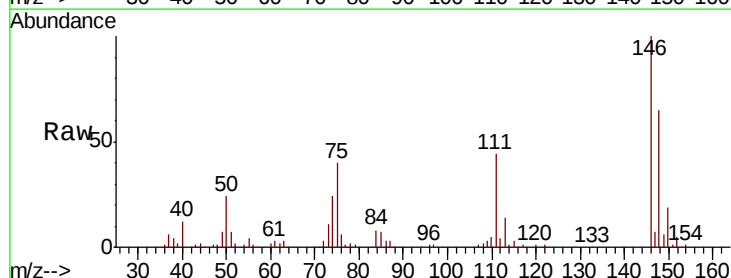
Tgt Ion:146 Resp: 127176

Ion Ratio Lower Upper

146 100

148 65.4 54.9 82.3

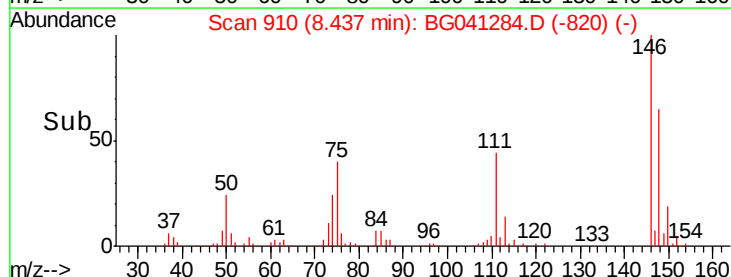
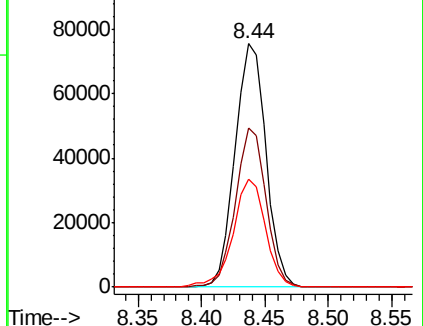
111 44.3 37.0 55.6

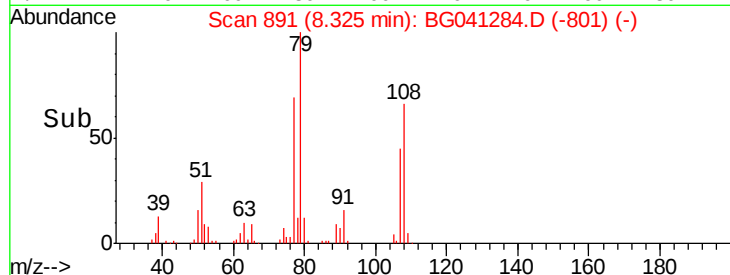
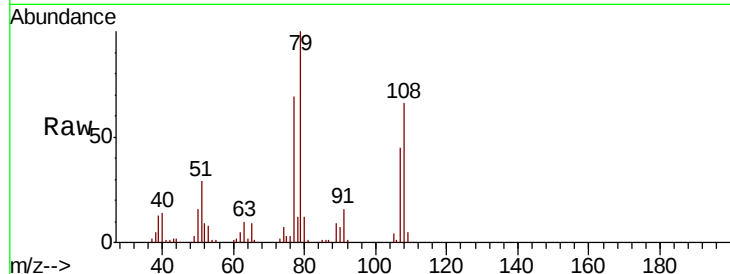
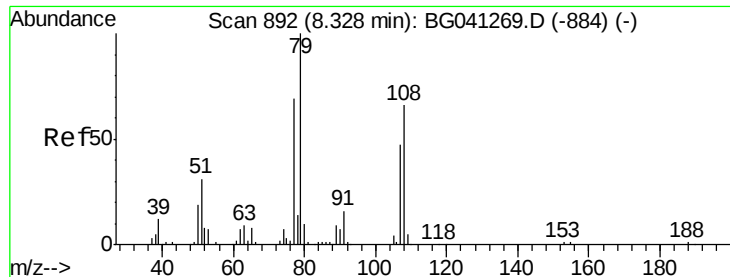


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

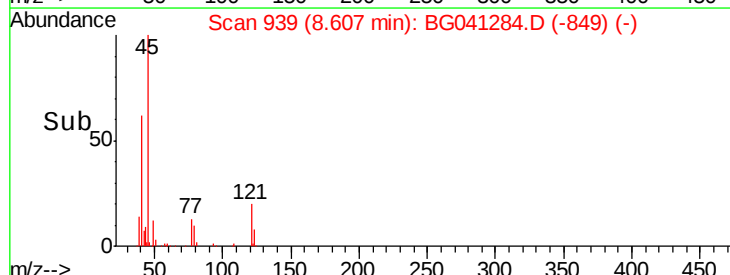
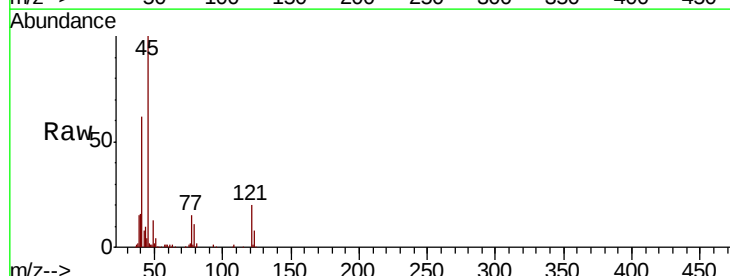
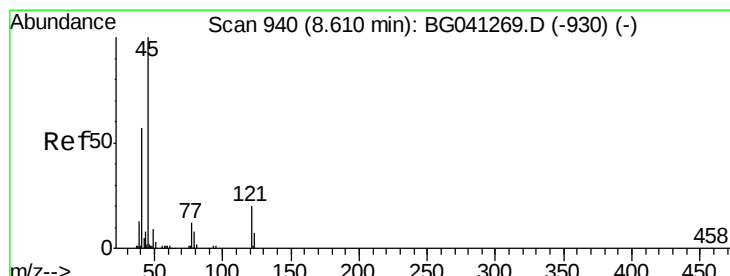
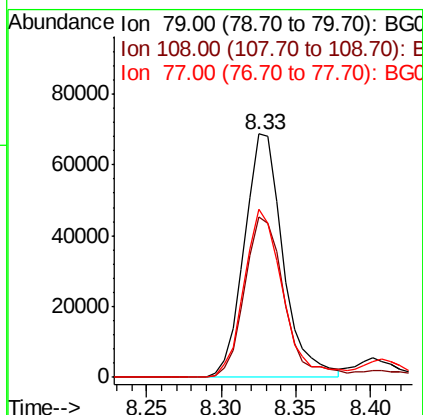




#15
Benzyl Alcohol
Concen: 39.002 ng
RT: 8.33 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

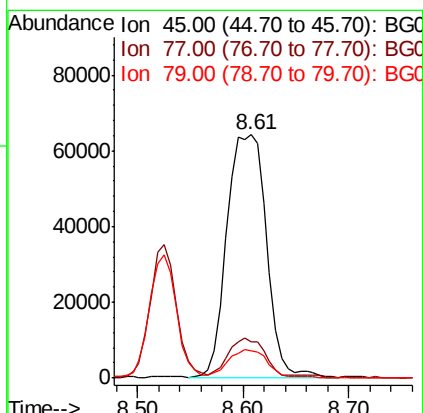
Instrument :
BNA_G
ClientSampleId :

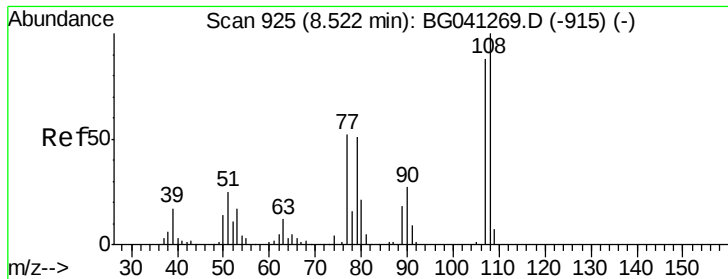
Tot Ion	Ratio	Lower	Upper
79	100		
108	65.9	52.7	79.1
77	68.8	55.2	82.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.006 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	35.2
79	11.2	0.0	31.6

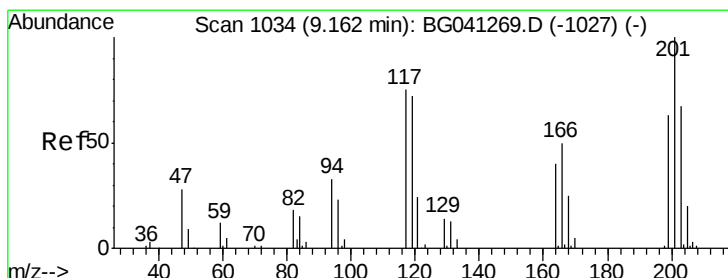
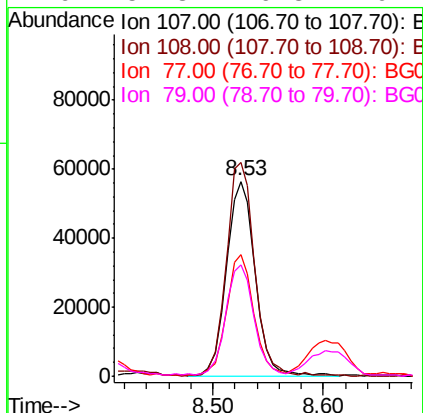
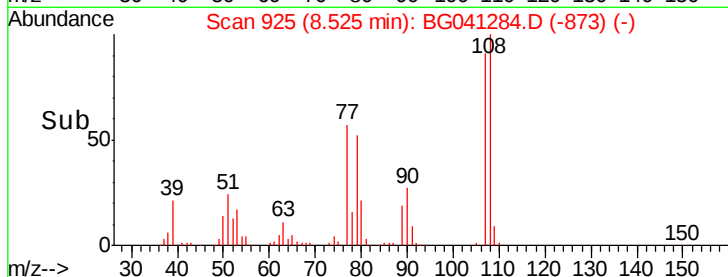
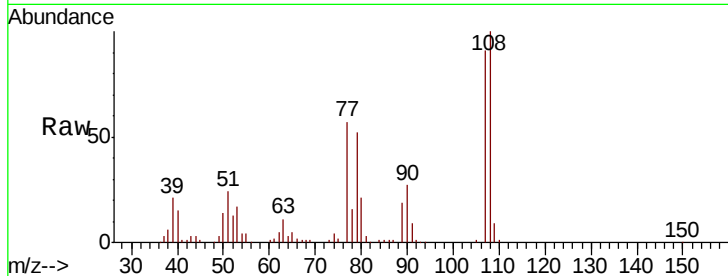




#17
2-Methylphenol
Concen: 40.752 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

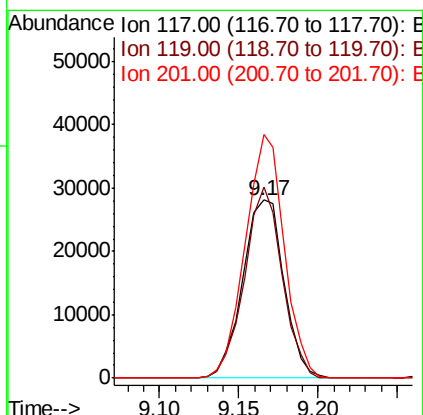
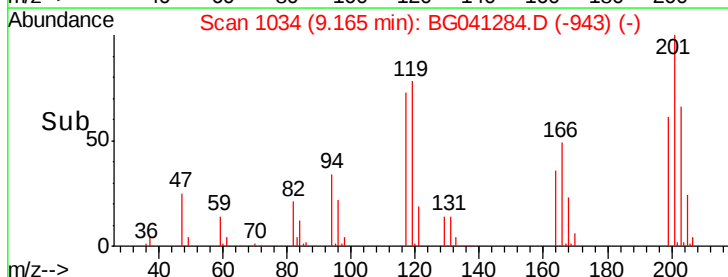
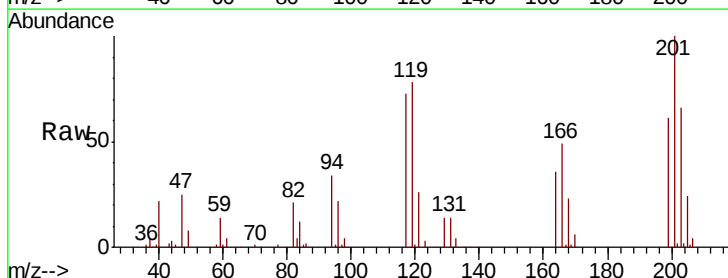
Instrument :
BNA_G
ClientSampleId :

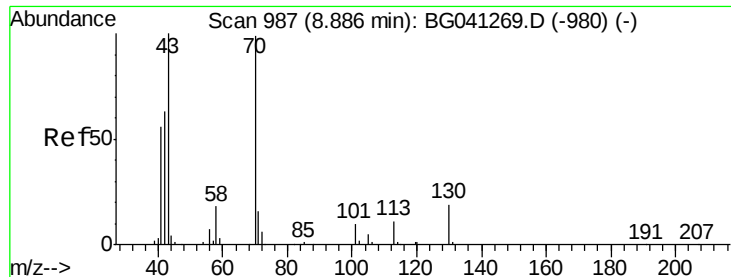
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.5	91.7	137.5
77	62.2	47.8	71.8
79	57.3	46.8	70.2



#18
Hexachloroethane
Concen: 37.496 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	107.4	76.8	115.2
201	140.1	106.3	159.5

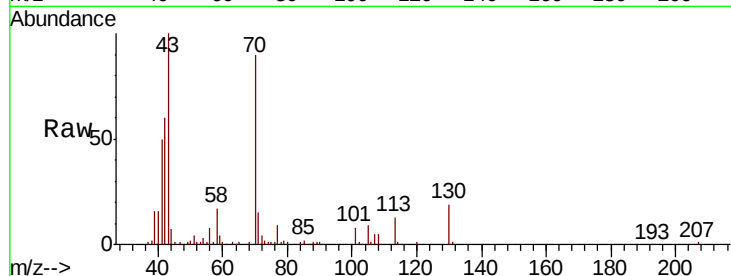




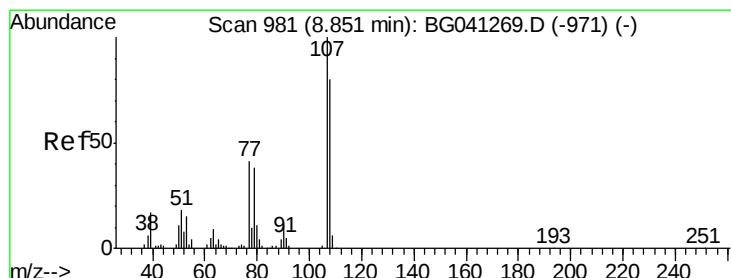
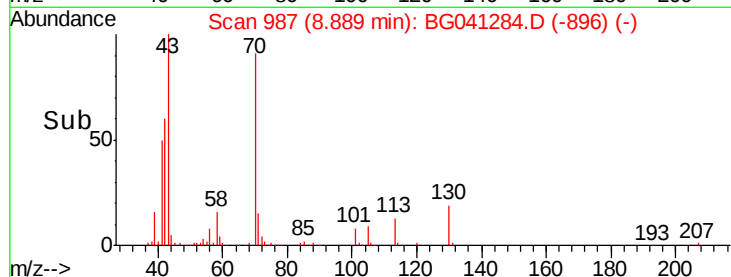
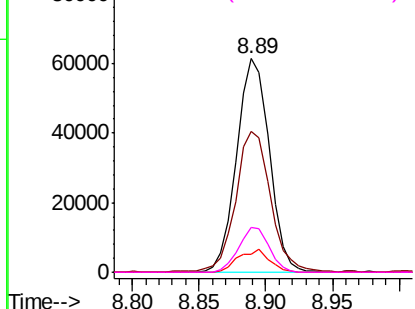
#19
n-Nitroso-di-n-propylamine
Concen: 38.993 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	104112
Ion	Ratio	Lower	Upper
70	100		
42	66.2	51.4	77.2
101	8.4	8.2	12.2
130	20.8	15.2	22.8

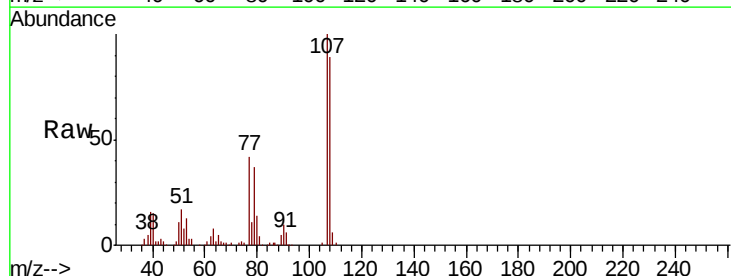


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

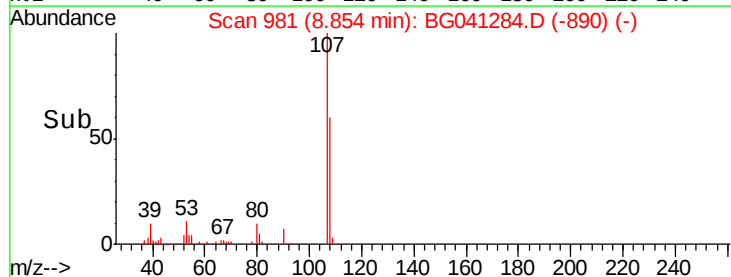
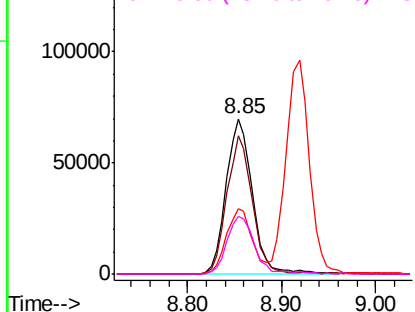


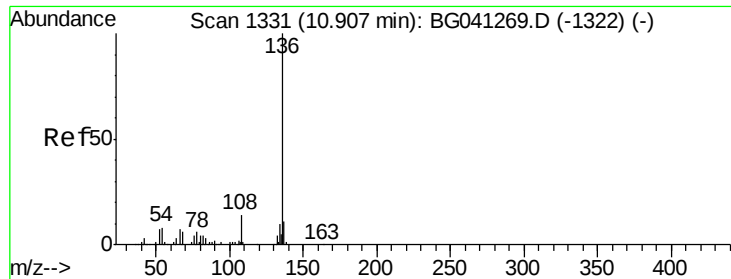
#20
3+4-Methylphenols
Concen: 40.144 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion:	107	Resp:	135633
Ion	Ratio	Lower	Upper
107	100		
108	89.1	60.4	100.4
77	42.4	21.2	61.2
79	36.8	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

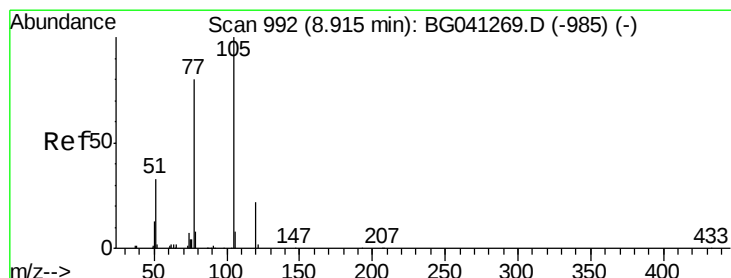
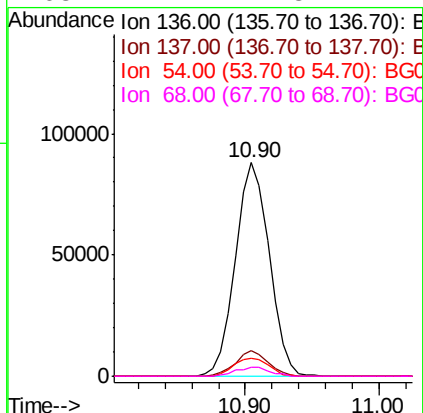
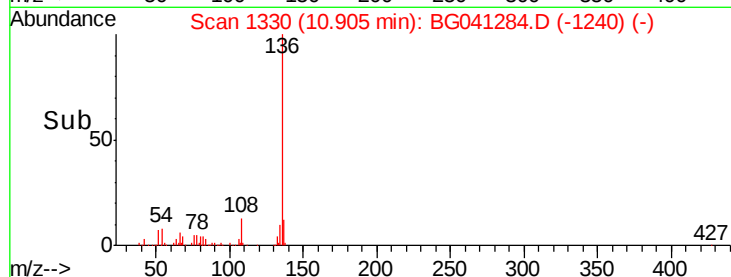
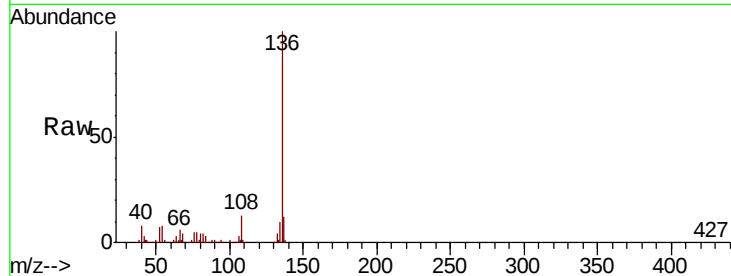




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

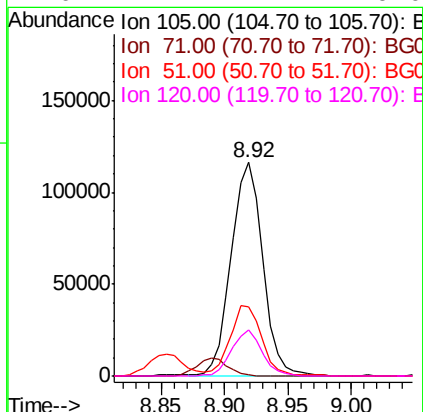
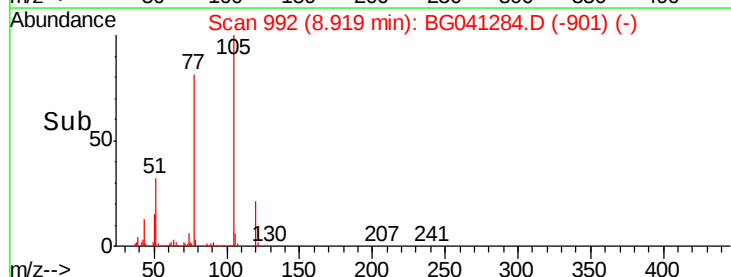
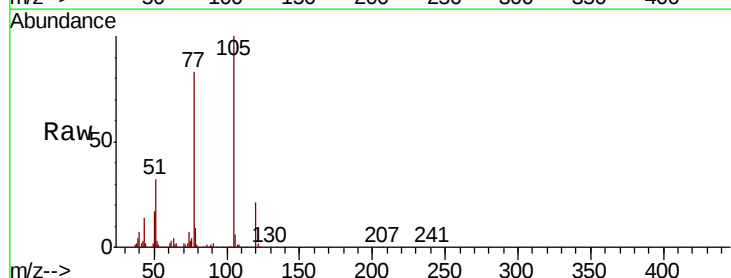
Instrument :
BNA_G
ClientSampled :

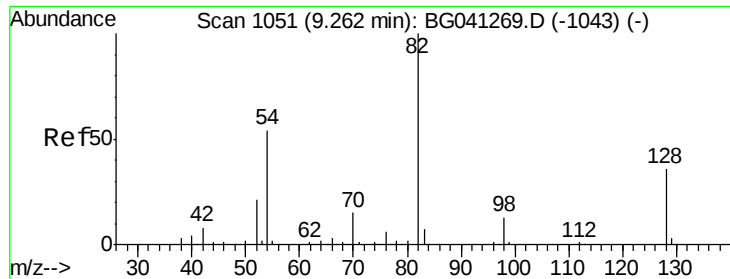
Tot Ion:136	Resp:	154881
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.8 13.2
54	8.2	6.4 9.6
68	4.4	4.8 7.2



#22
Acetophenone
Concen: 44.346 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion:105	Resp:	199869
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.4 0.6
51	32.3	28.2 42.4
120	21.4	17.4 26.0

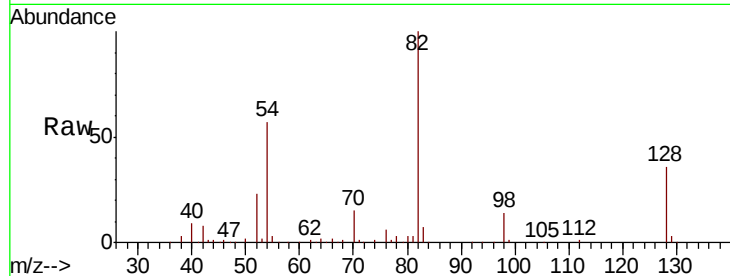




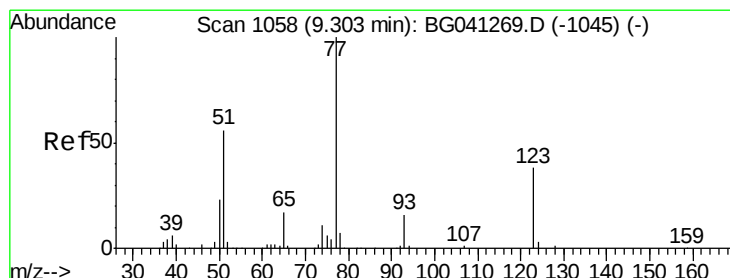
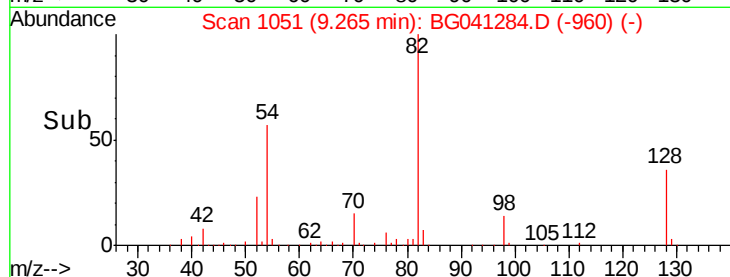
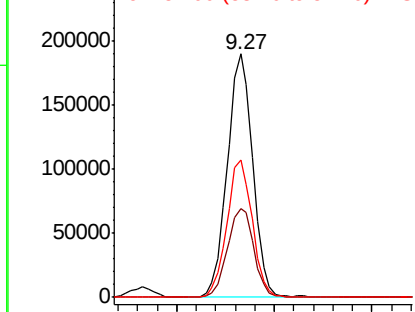
#23
Nitrobenzene-d5
Concen: 92.909 ng
RT: 9.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	342158
Ion Ratio	100	Lower	Upper
128	36.2	29.2	43.8
54	56.5	43.4	65.0

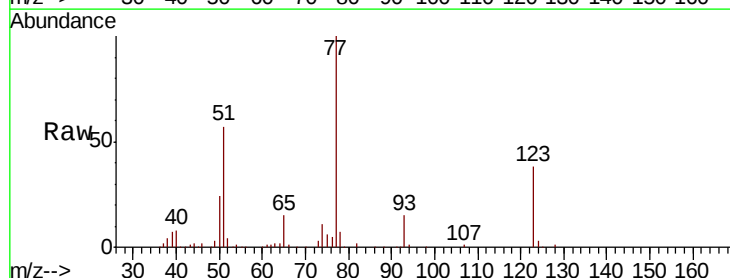


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

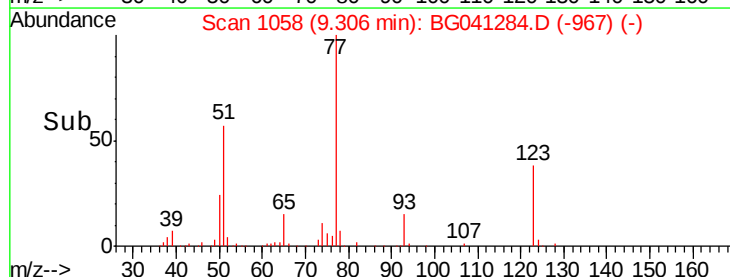
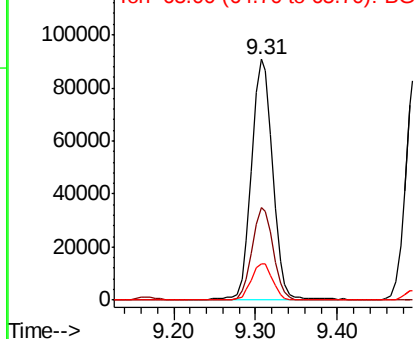


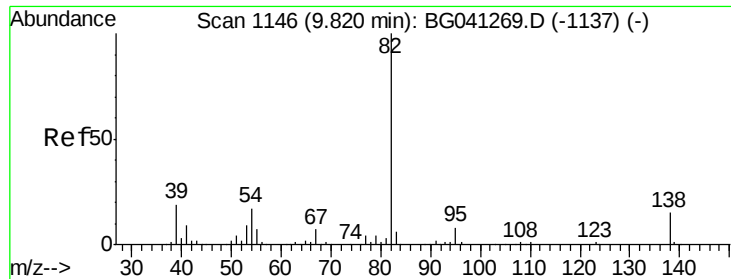
#24
Nitrobenzene
Concen: 44.502 ng
RT: 9.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion	77	Resp	164828
Ion Ratio	100	Lower	Upper
123	38.4	30.4	45.6
65	15.2	13.3	19.9



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





#25

Isophorone

Concen: 43.105 ng

RT: 9.82 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampleId :

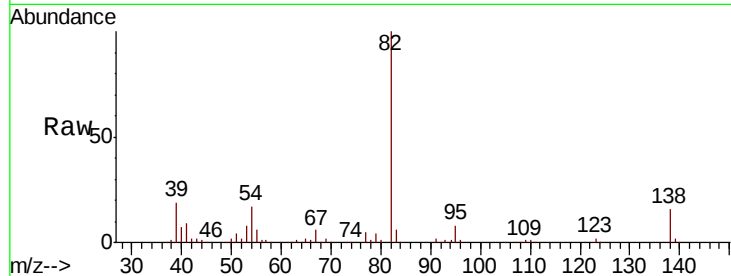
Tot Ion: 82 Resp: 291232

Ion Ratio Lower Upper

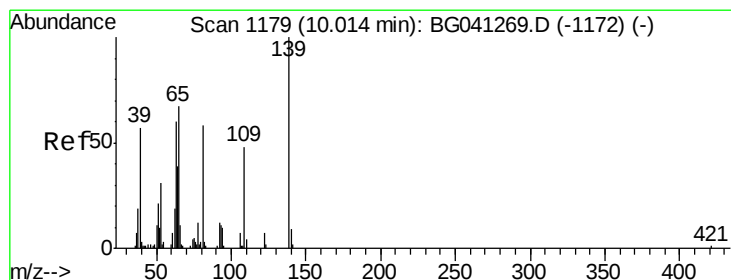
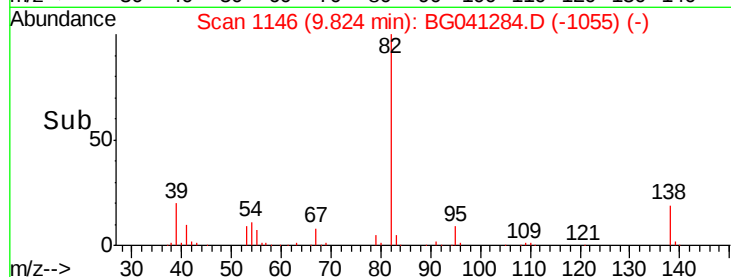
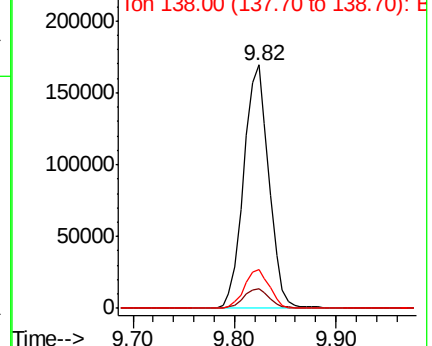
82 100

95 8.1 6.6 10.0

138 16.0 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: 46.541 ng

RT: 10.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

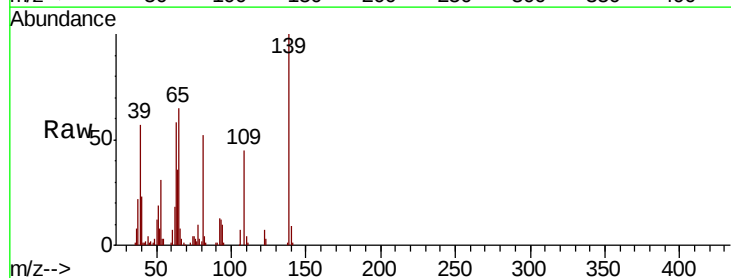
Tgt Ion: 139 Resp: 69886

Ion Ratio Lower Upper

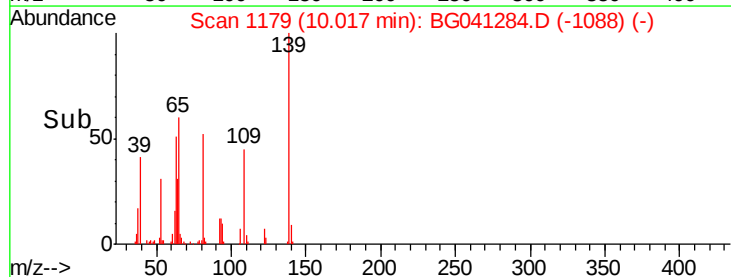
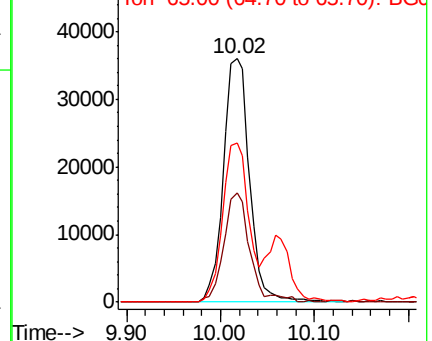
139 100

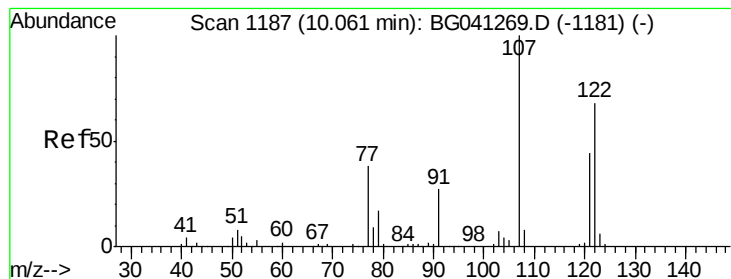
109 44.9 38.4 57.6

65 65.4 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: 52.648 ng

RT: 10.06 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampled :

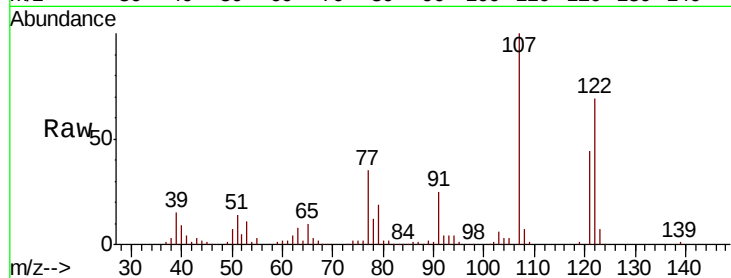
Tot Ion:122 Resp: 118501

Ion Ratio Lower Upper

122 100

107 144.5 115.1 172.7

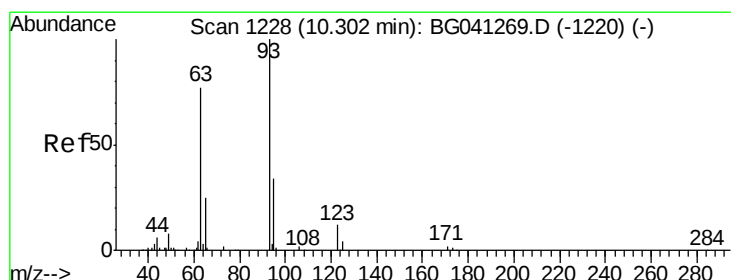
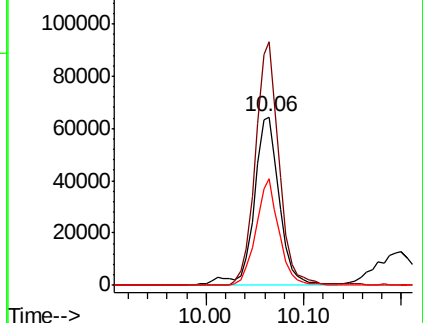
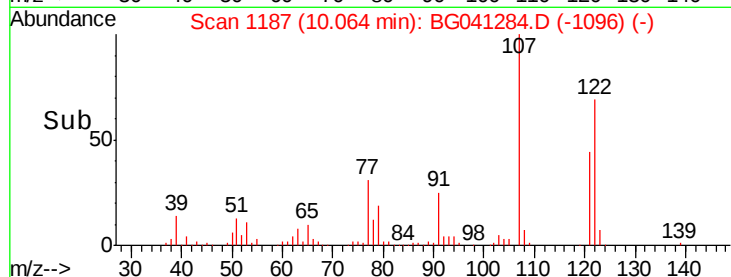
121 63.5 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.657 ng

RT: 10.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

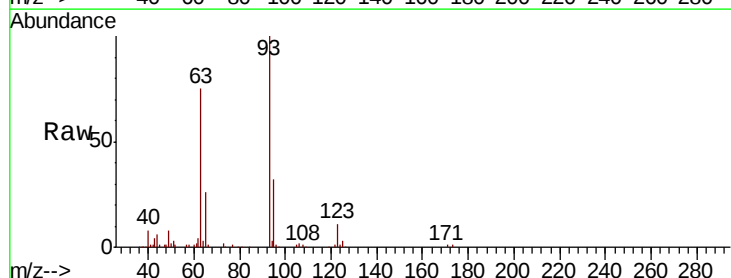
Tgt Ion: 93 Resp: 150169

Ion Ratio Lower Upper

93 100

95 32.4 27.3 40.9

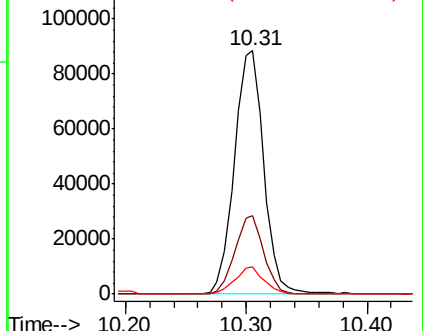
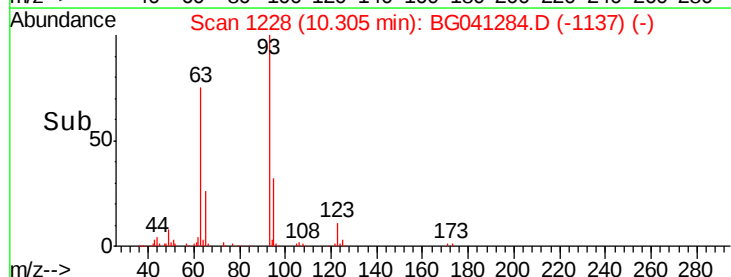
123 11.0 9.6 14.4

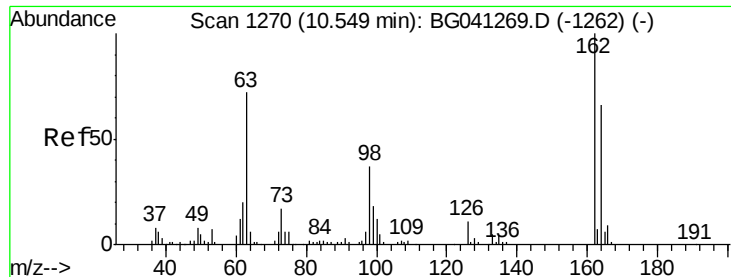


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

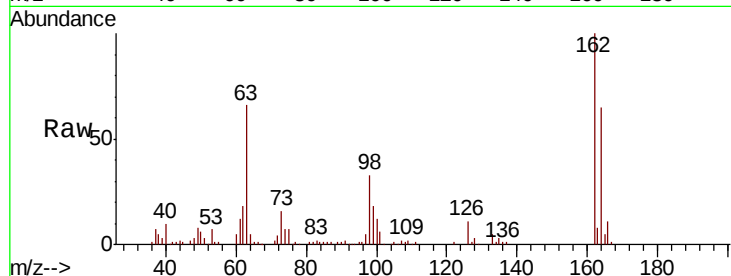




#29
 2,4-Dichlorophenol
 Concen: 47.704 ng
 RT: 10.55 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BG041284.D
 Acq: 17 Jun 2019 23:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	46.0	86.0
98	32.9	17.4	57.4

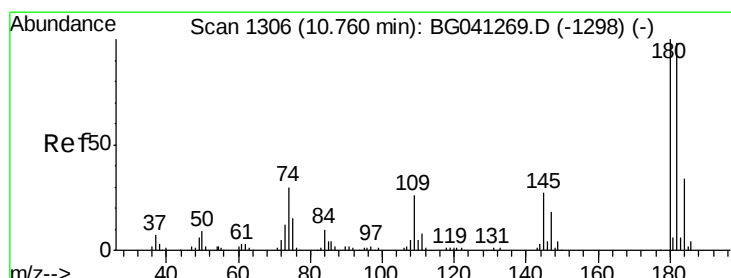
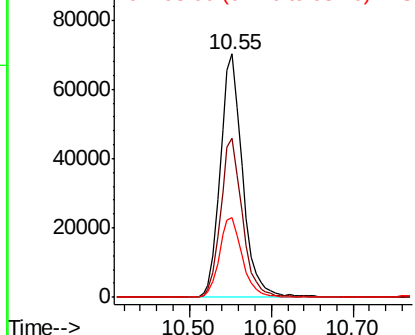
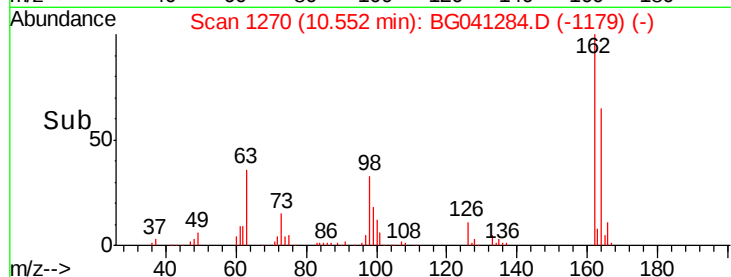


Abundance

Ion 162.00 (161.70 to 162.70): E

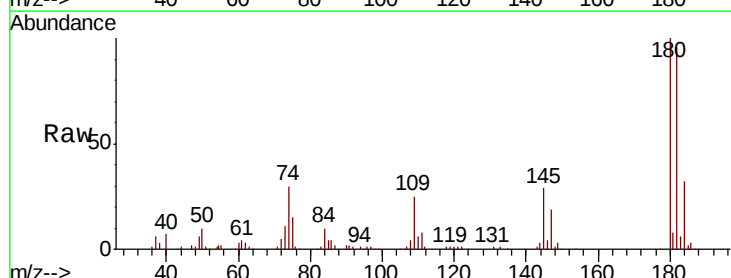
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 42.734 ng
 RT: 10.76 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BG041284.D
 Acq: 17 Jun 2019 23:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.6	117.8
145	28.8	21.7	32.5

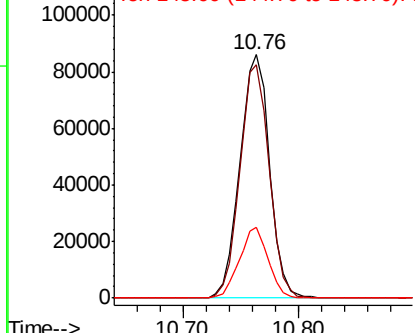
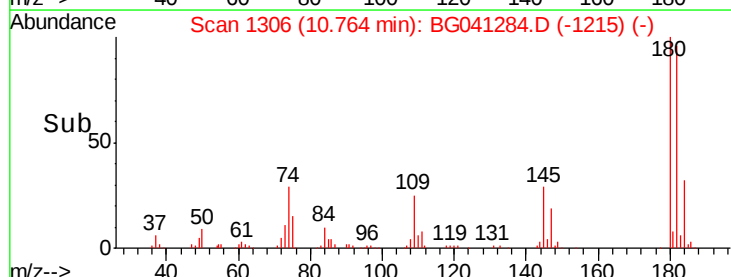


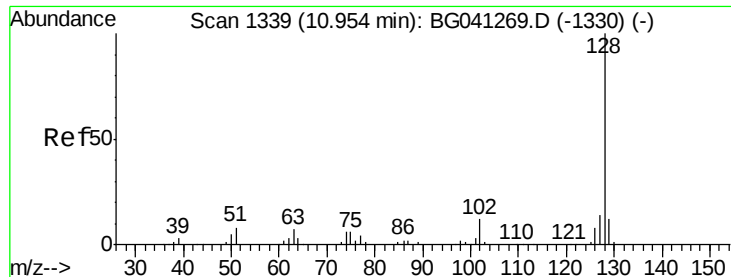
Abundance

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

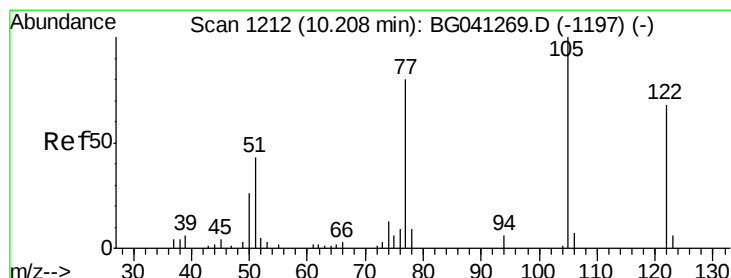
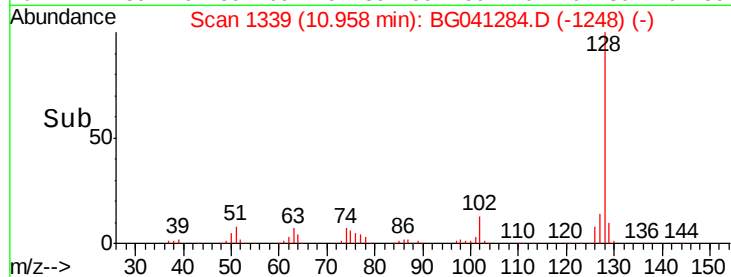
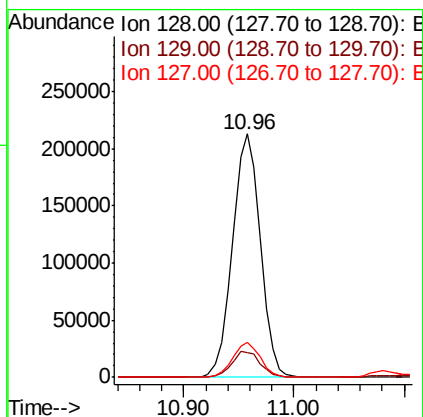
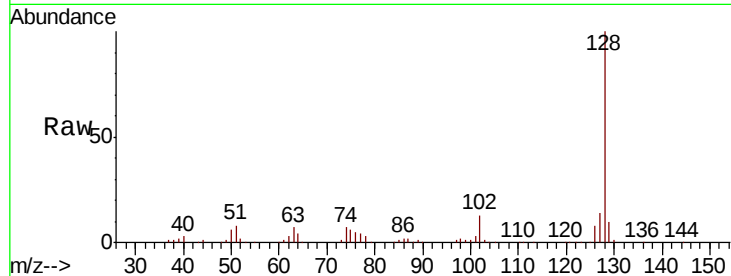




#31
Naphthalene
Concen: 44.847 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

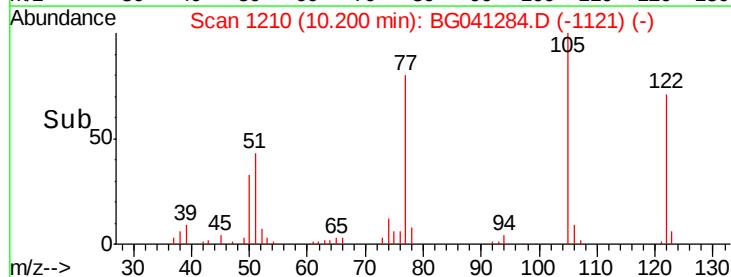
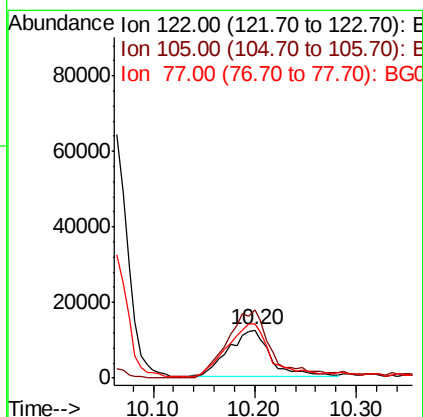
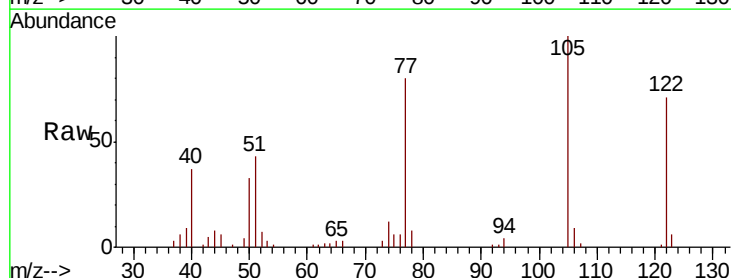
Instrument :
BNA_G
ClientSampled :

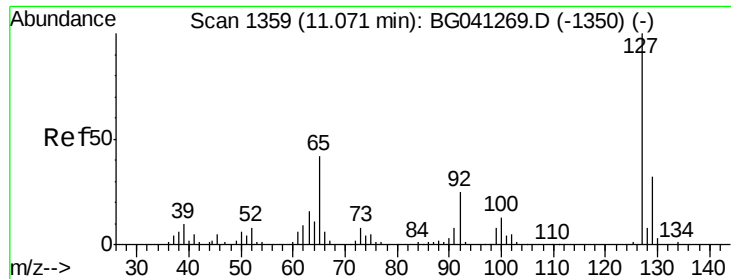
Tot Ion:128 Resp: 377506
Ion Ratio Lower Upper
128 100
129 10.4 9.4 14.0
127 14.2 11.2 16.8



#32
Benzoic acid
Concen: 23.994 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion:122 Resp: 35156
Ion Ratio Lower Upper
122 100
105 141.5 124.2 164.2
77 113.6 97.2 137.2

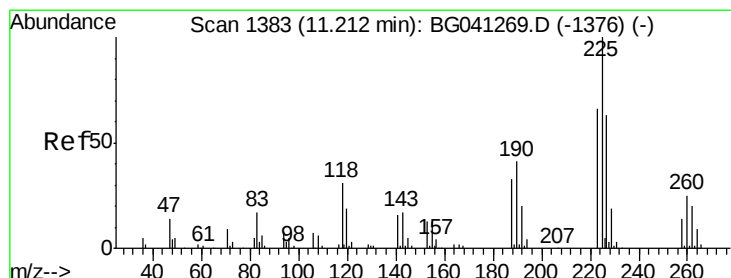
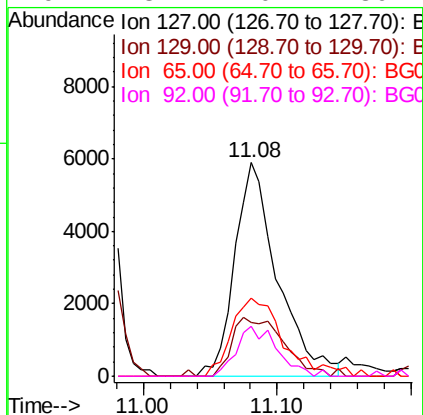
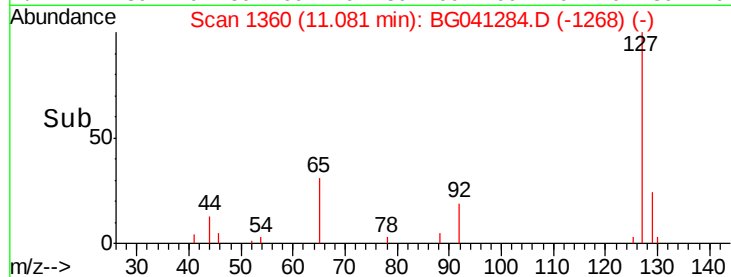
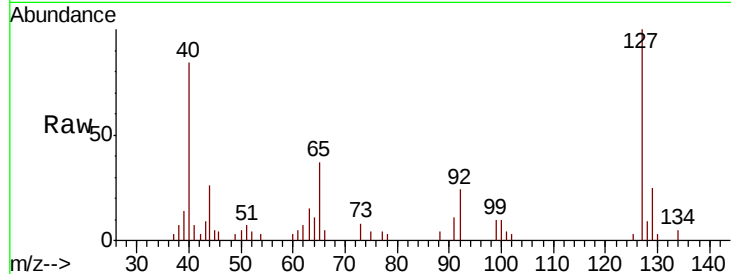




#33
4-Chloroaniline
Concen: 3.668 ng
RT: 11.08 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

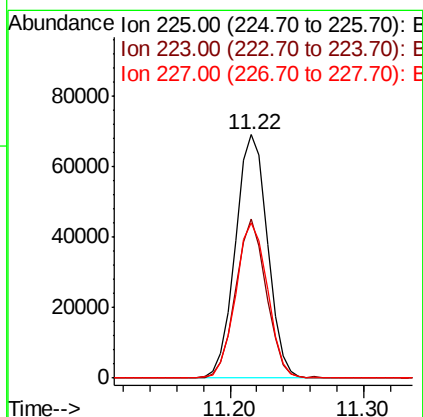
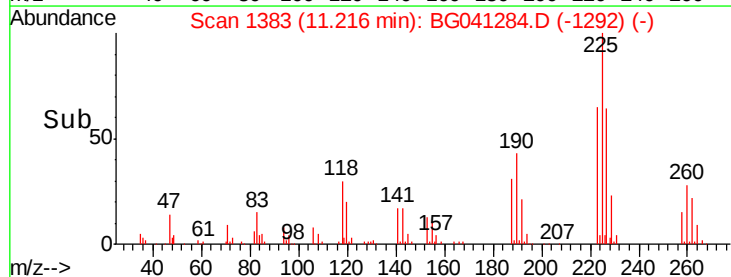
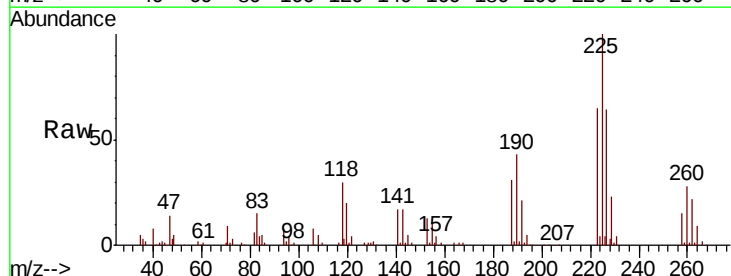
Instrument :
BNA_G
ClientSampleId :

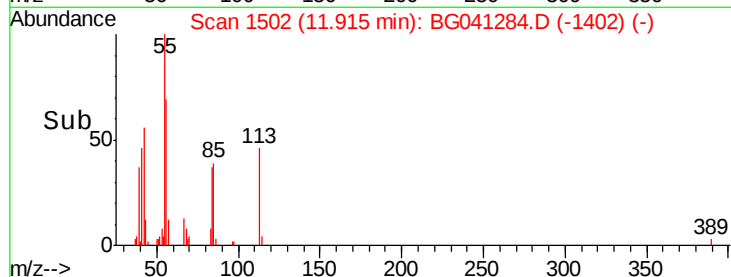
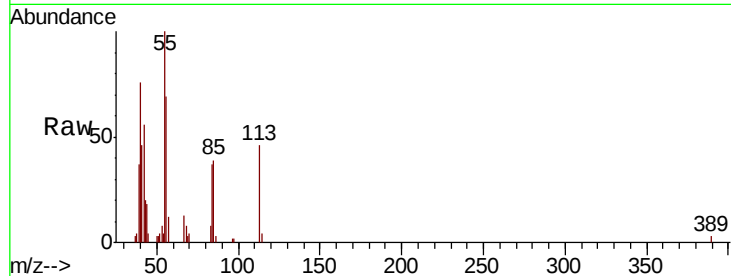
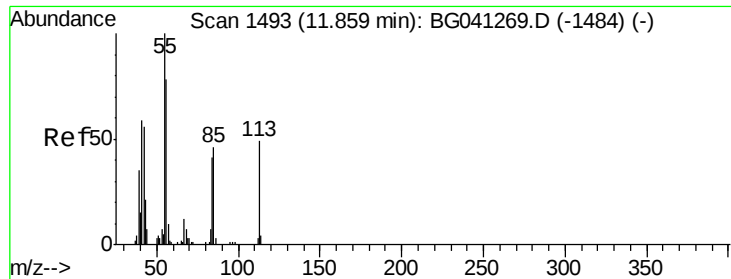
Tot Ion:127 Resp: 13113
Ion Ratio Lower Upper
127 100
129 25.1 25.8 38.8#
65 36.8 33.8 50.8
92 23.7 20.2 30.4



#34
Hexachlorobutadiene
Concen: 40.538 ng
RT: 11.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion:225 Resp: 115012
Ion Ratio Lower Upper
225 100
223 65.3 52.5 78.7
227 63.8 50.2 75.2

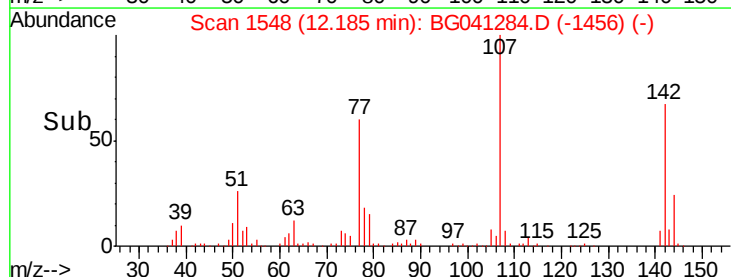
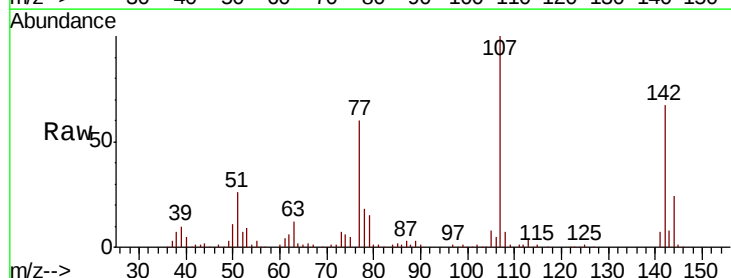
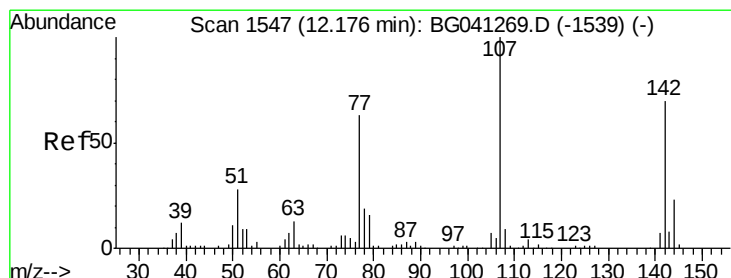
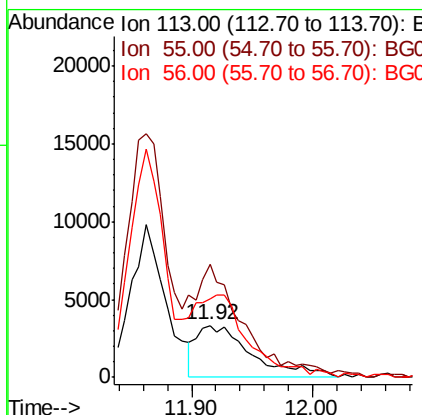




#35
Caprolactam
Concen: 10.971 ng
RT: 11.92 min Scan# 1502
Delta R.T. 0.06 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

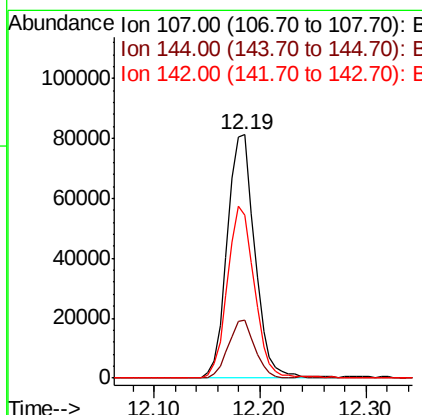
Instrument :
BNA_G
ClientSampleId :

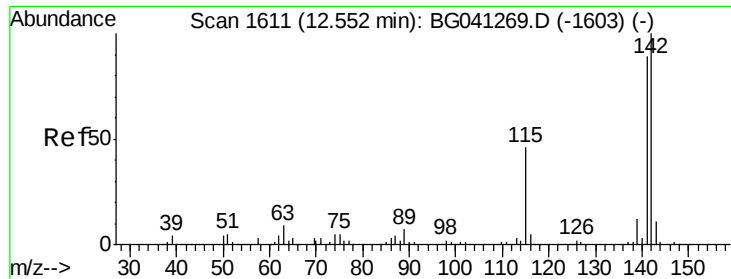
Tot Ion:113 Resp: 10541
Ion Ratio Lower Upper
113 100
55 218.3 182.6 222.6
56 150.6 137.5 177.5



#36
4-Chloro-3-methylphenol
Concen: 45.530 ng
RT: 12.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion:107 Resp: 146773
Ion Ratio Lower Upper
107 100
144 24.0 18.5 27.7
142 67.0 56.3 84.5

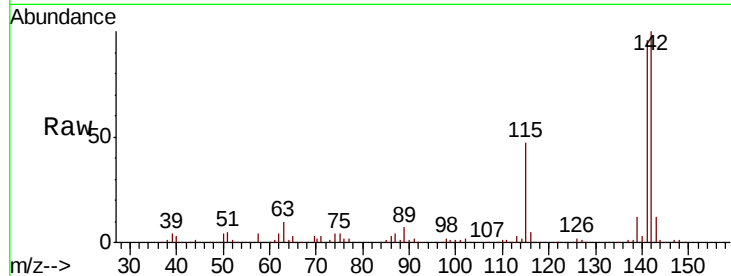




#37
2-Methylnaphthalene
Concen: 44.797 ng
RT: 12.56 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.7	71.5	107.3
115	47.1	37.0	55.6

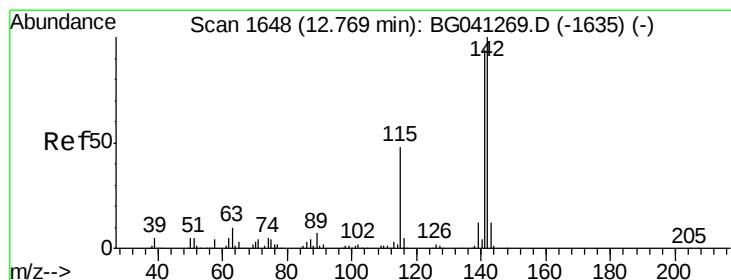
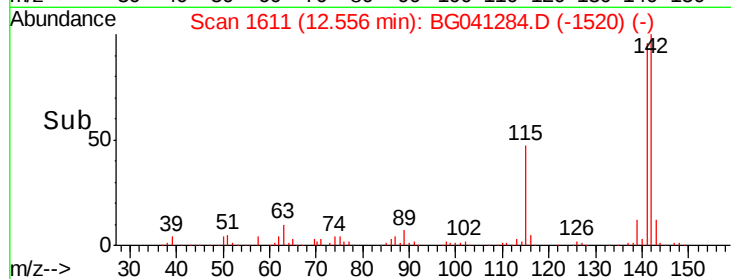
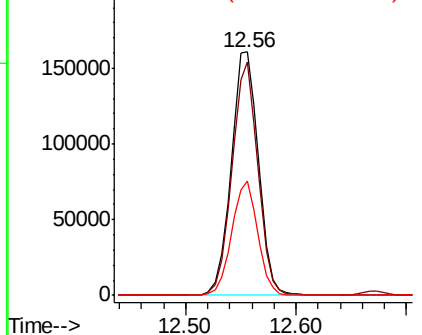


Abundance

Ion 142.00 (141.70 to 142.70): E

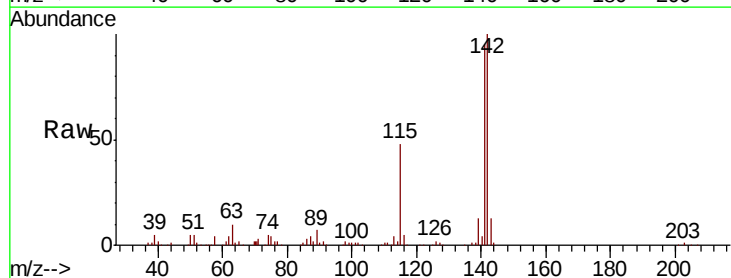
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.986 ng
RT: 12.77 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.0	112.6
116	5.0	4.2	6.2

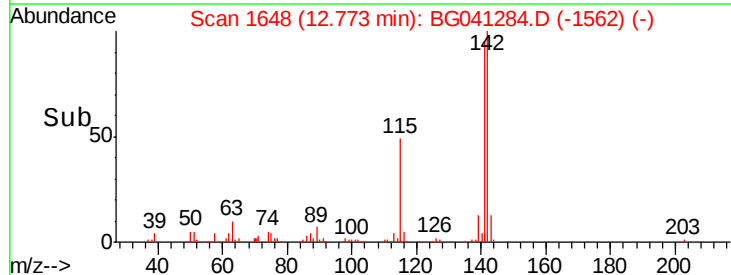
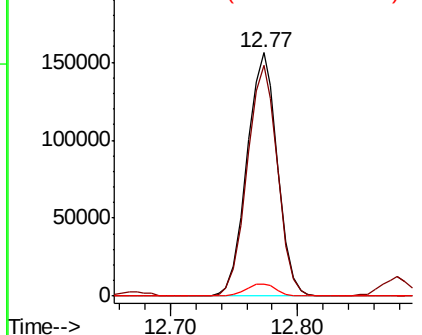


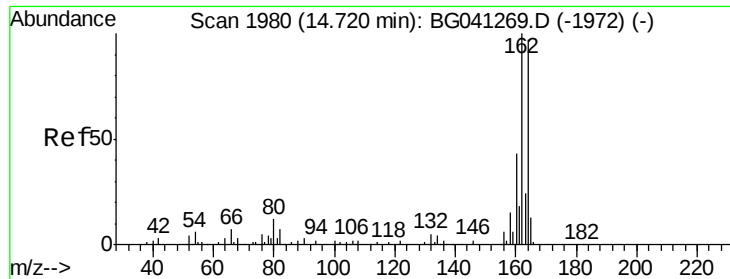
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampleId :

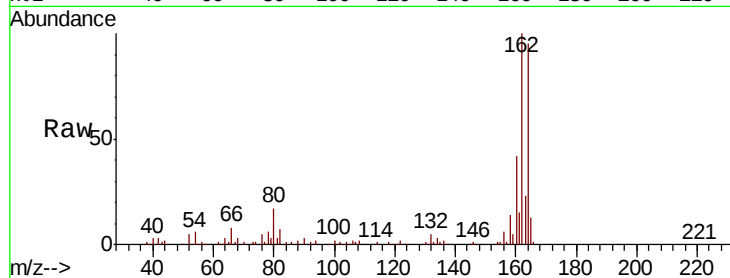
Tot Ion:164 Resp: 109059

Ion Ratio Lower Upper

164 100

162 104.8 82.8 124.2

160 44.3 35.8 53.8

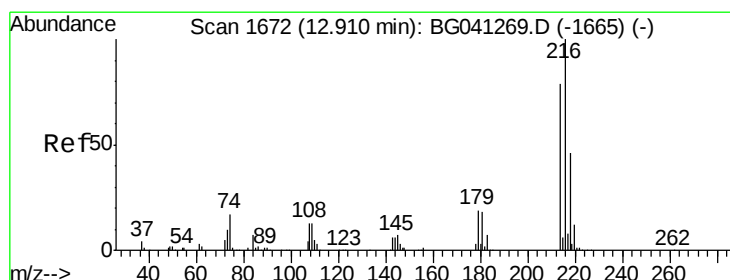
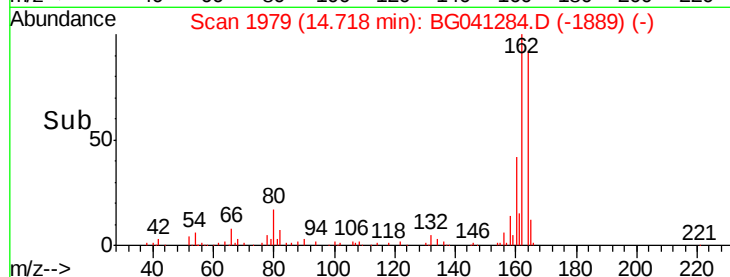
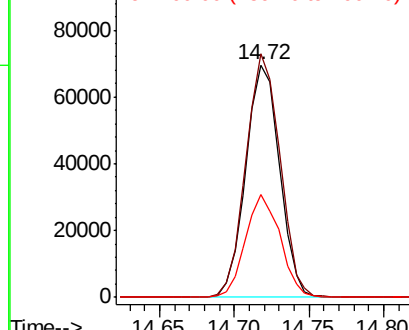


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.477 ng

RT: 12.91 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Tgt Ion:216 Resp: 209305

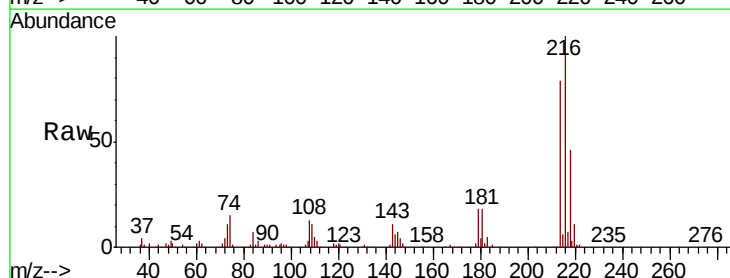
Ion Ratio Lower Upper

216 100

214 78.8 62.8 94.2

179 18.9 15.2 22.8

108 16.1 12.4 18.6



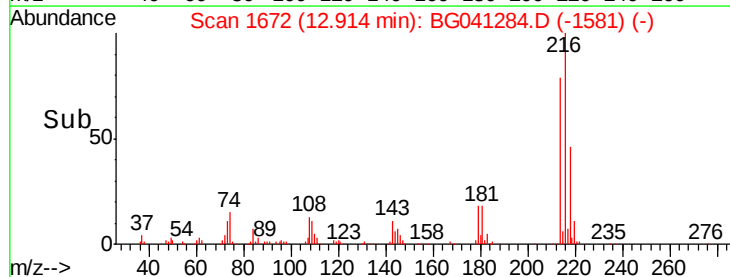
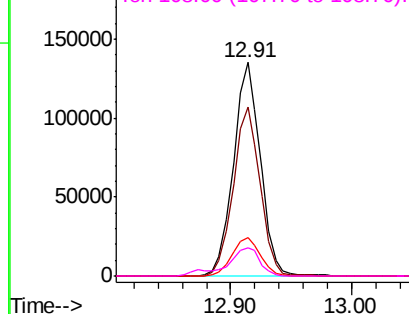
Abundance

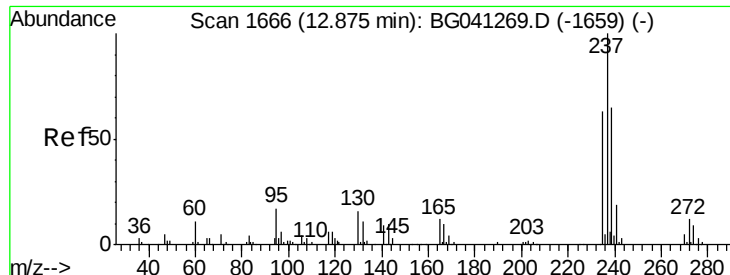
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 65.190 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

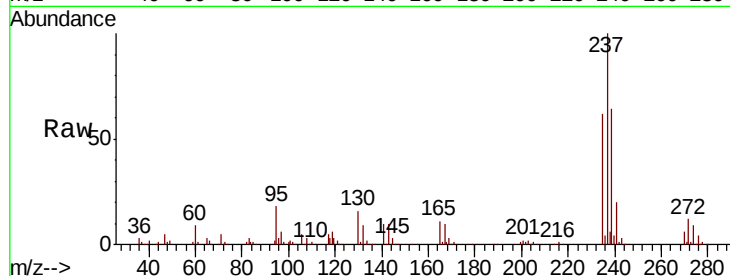
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 197750

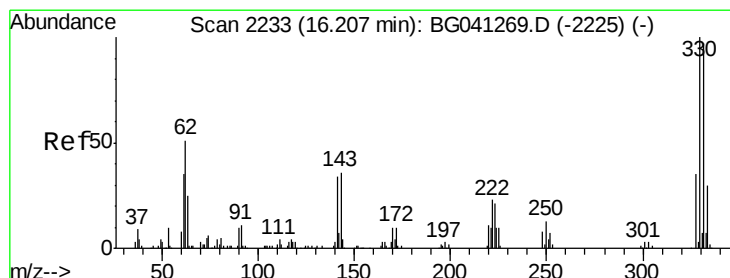
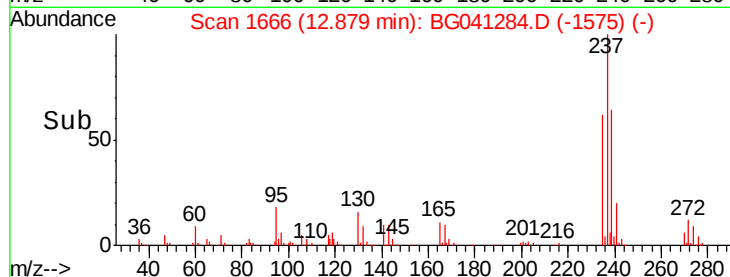
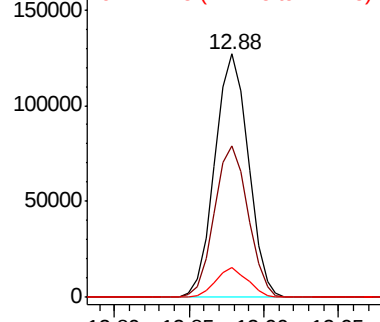
Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.9	82.9
272	12.5	0.0	32.0



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: 147.068 ng

RT: 16.21 min Scan# 2233

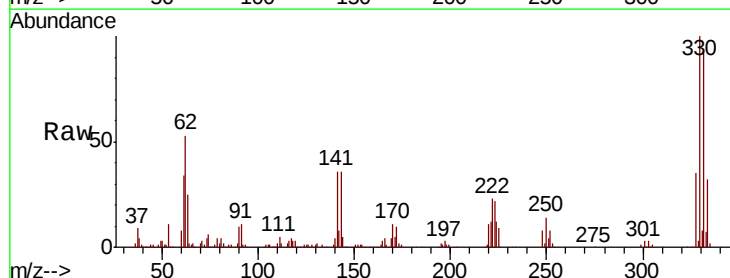
Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Tgt Ion:330 Resp: 246235

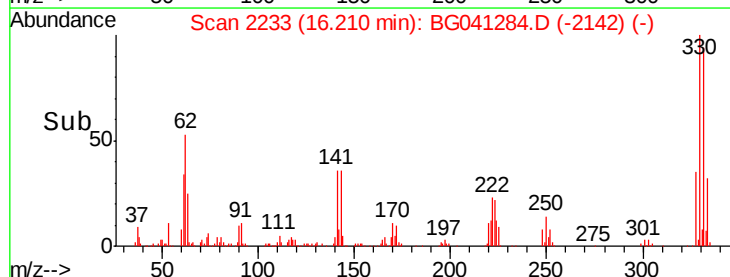
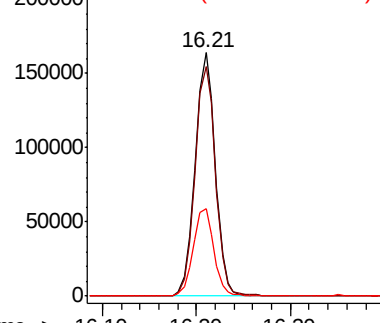
Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.5	113.3
141	36.8	29.0	43.4

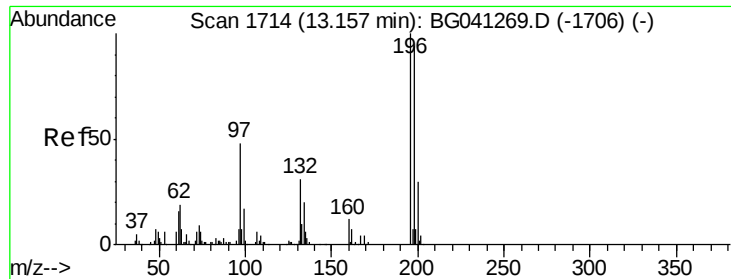


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

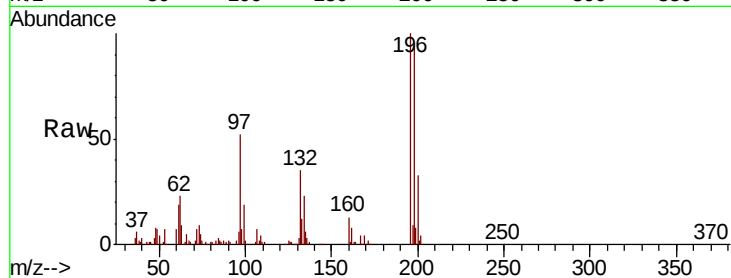




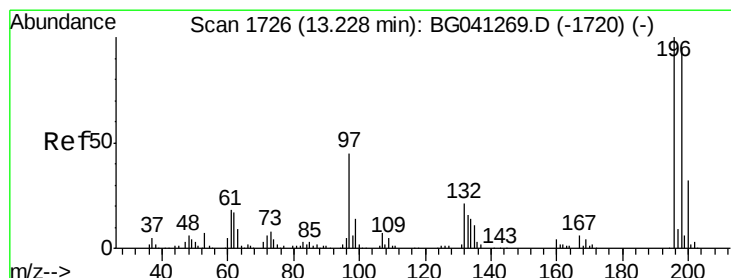
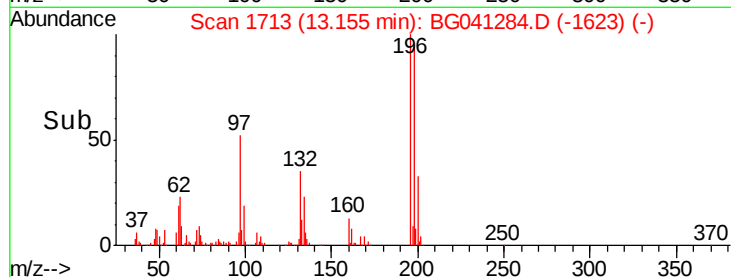
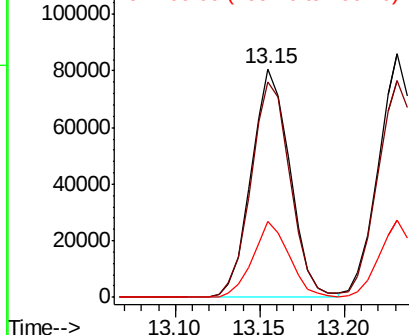
#43
 2,4,6-Trichlorophenol
 Concen: 46.044 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG041284.D
 Acq: 17 Jun 2019 23:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 128272
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.9 112.3
 200 33.2 24.2 36.2

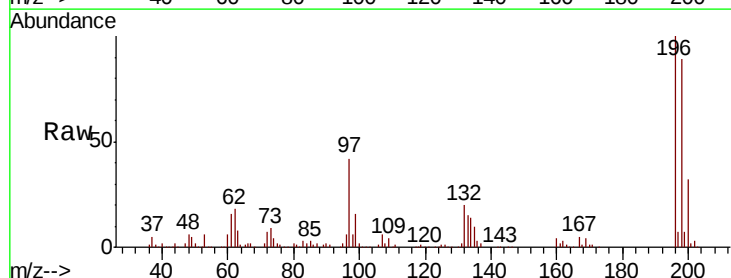


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

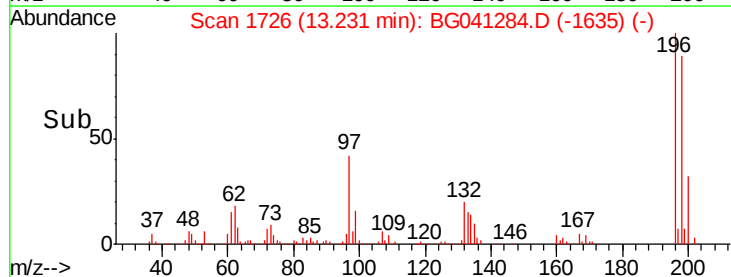
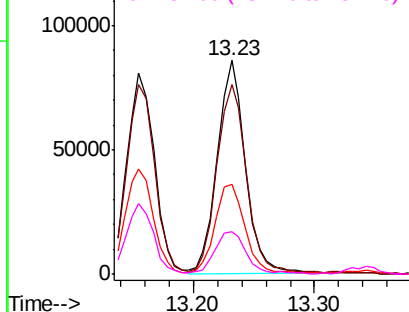


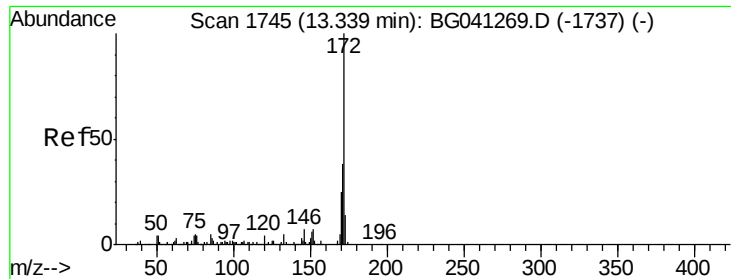
#44
 2,4,5-Trichlorophenol
 Concen: 47.842 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG041284.D
 Acq: 17 Jun 2019 23:29

Tgt Ion:196 Resp: 137138
 Ion Ratio Lower Upper
 196 100
 198 88.8 76.1 114.1
 97 42.1 35.9 53.9
 132 20.0 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

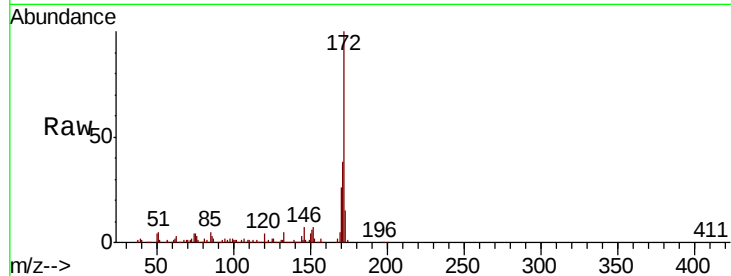




#45
2-Fluorobiphenyl
Concen: 94.236 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	25.7	19.8	29.6

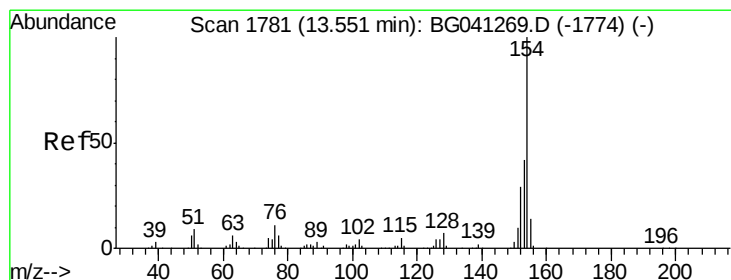
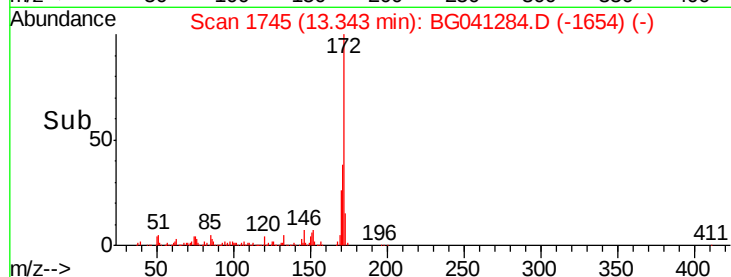
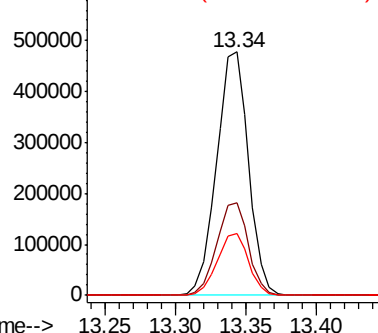


Abundance

Ion 172.00 (171.70 to 172.70): E

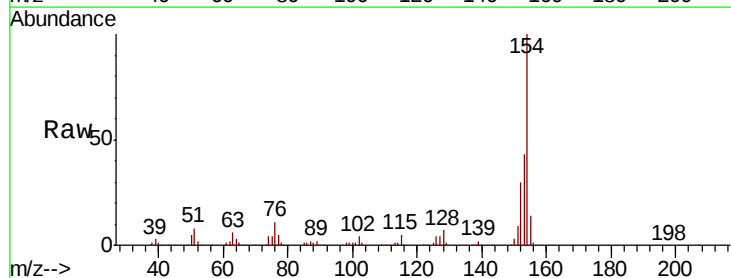
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.359 ng
RT: 13.55 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	22.3	62.3
76	11.5	0.0	30.8

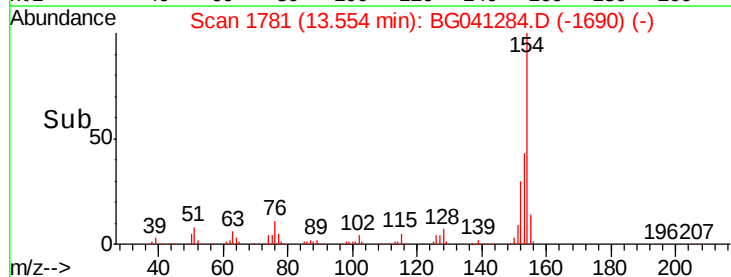
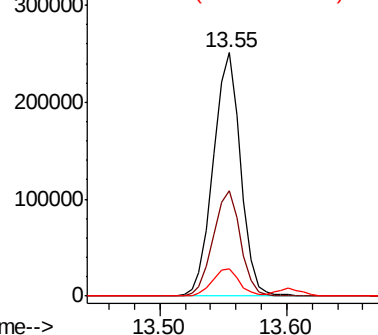


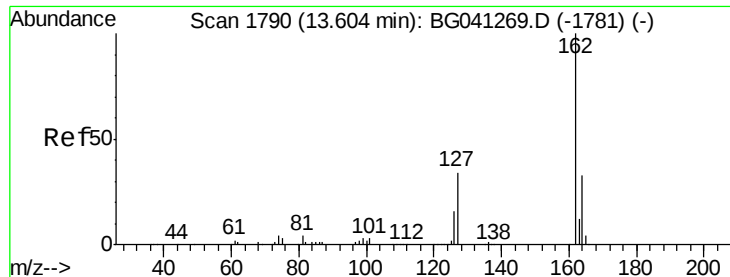
Abundance

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

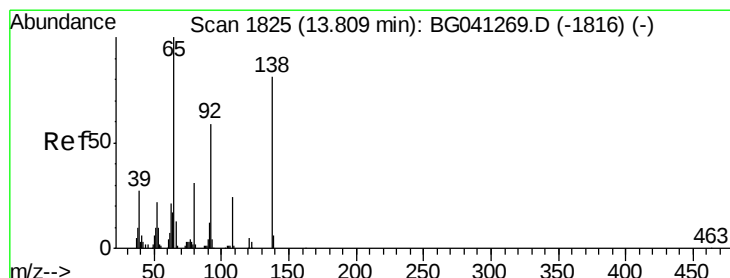
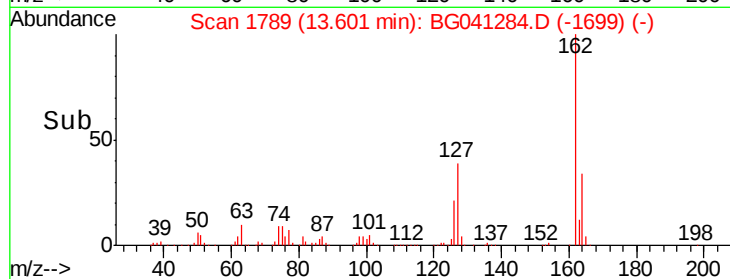
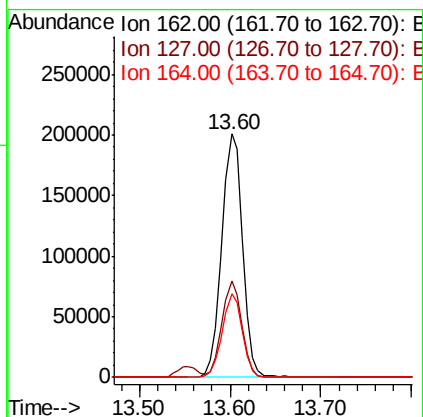
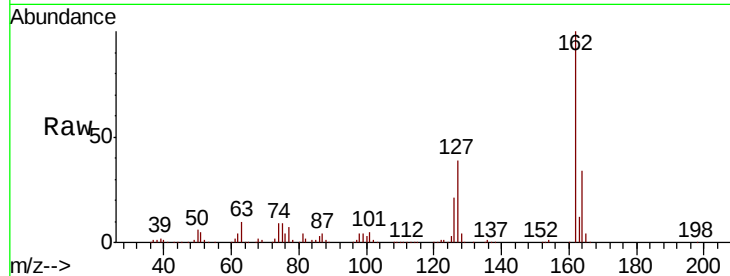




#47
2-Chloronaphthalene
Concen: 44.769 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

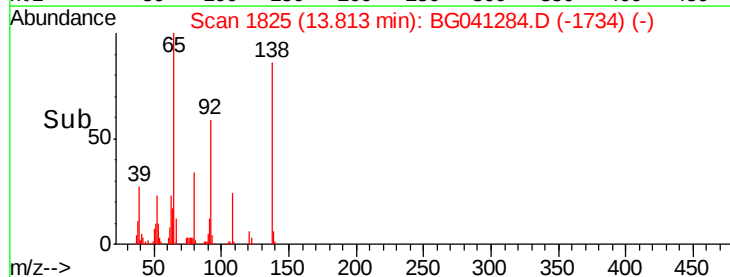
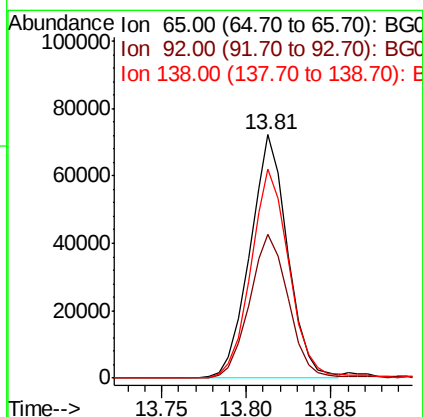
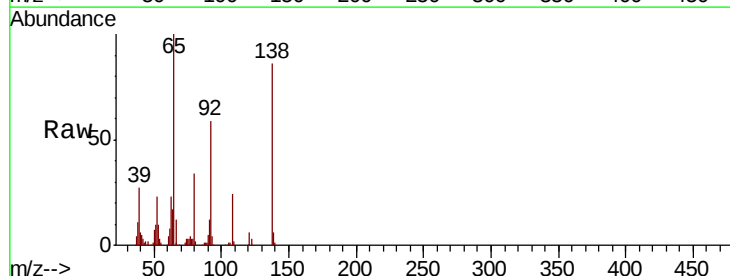
Instrument :
BNA_G
ClientSampleId :

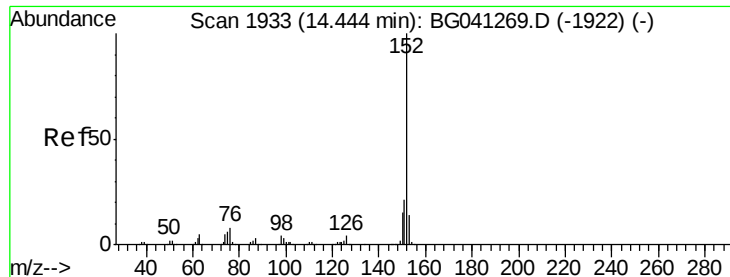
Tot Ion:162 Resp: 317783
Ion Ratio Lower Upper
162 100
127 39.5 31.0 46.4
164 34.2 26.1 39.1



#48
2-Nitroaniline
Concen: 42.820 ng
RT: 13.81 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion: 65 Resp: 111317
Ion Ratio Lower Upper
65 100
92 59.0 47.4 71.2
138 86.0 64.7 97.1





#49

Acenaphthylene

Concen: 45.282 ng

RT: 14.45 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampleId :

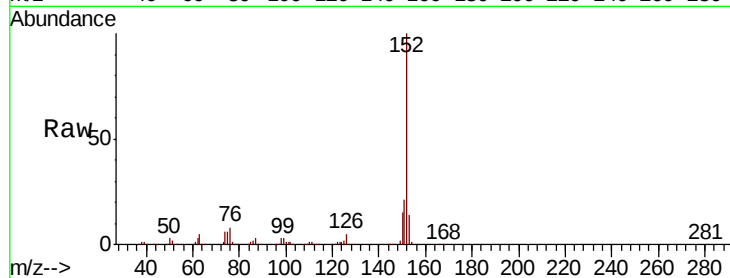
Tot Ion:152 Resp: 487755

Ion Ratio Lower Upper

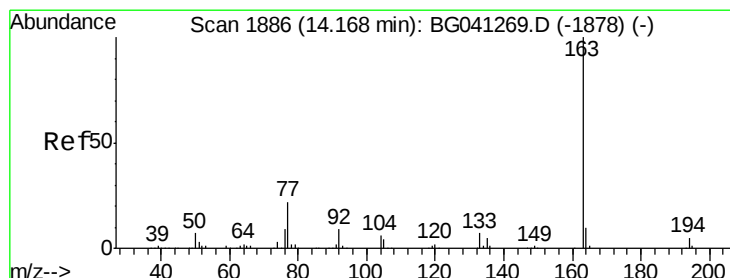
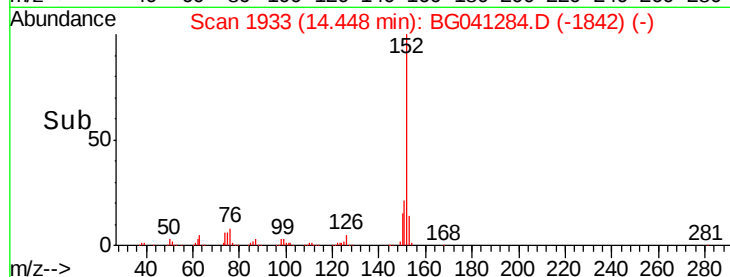
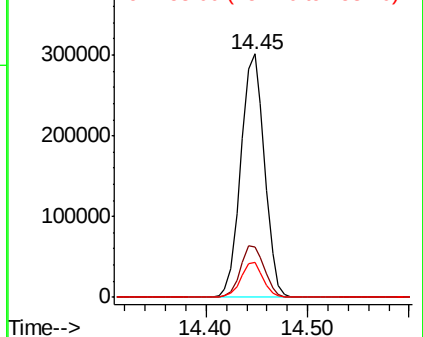
152 100

151 20.7 16.8 25.2

153 14.2 10.8 16.2



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



#50

Dimethylphthalate

Concen: 42.042 ng

RT: 14.17 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

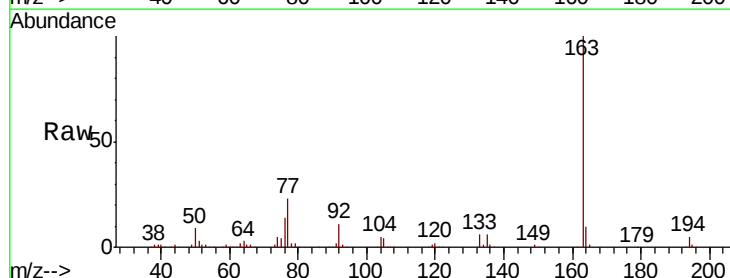
Tgt Ion:163 Resp: 407961

Ion Ratio Lower Upper

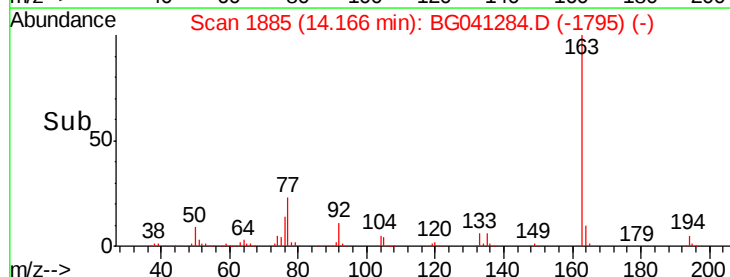
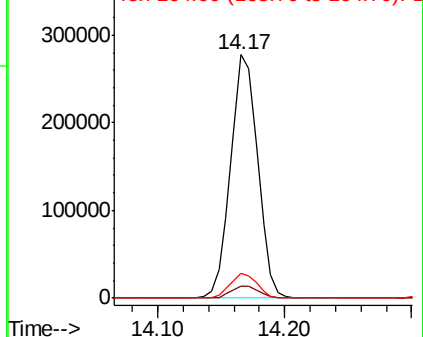
163 100

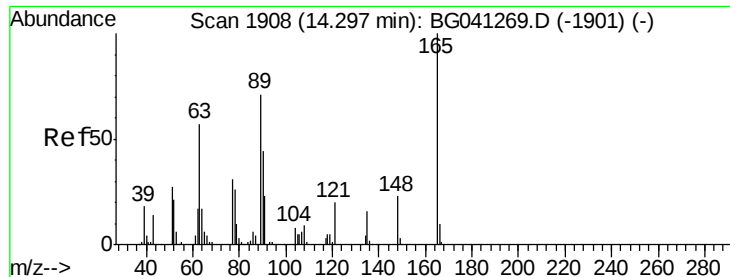
194 4.9 3.9 5.9

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

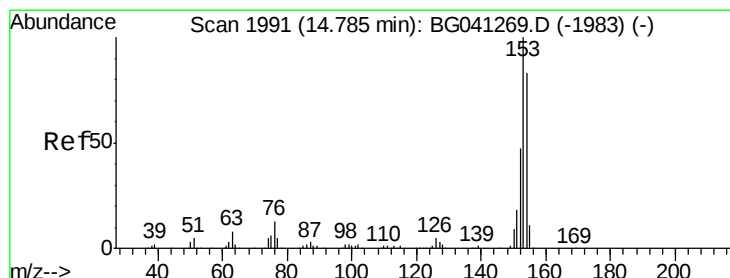
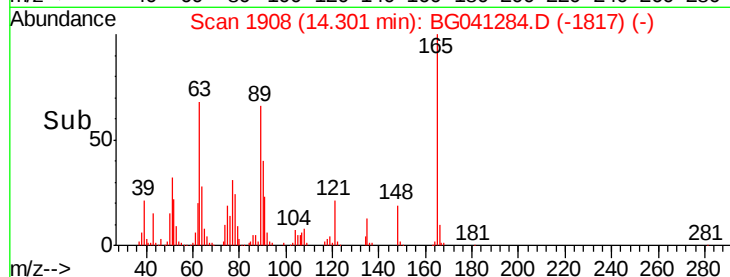
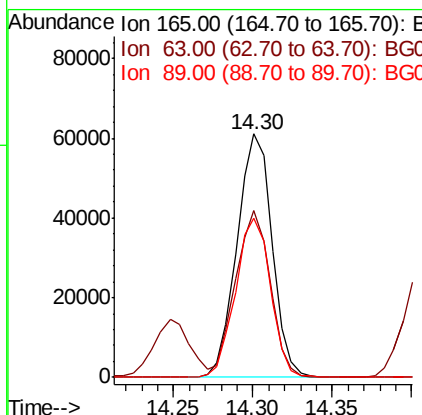
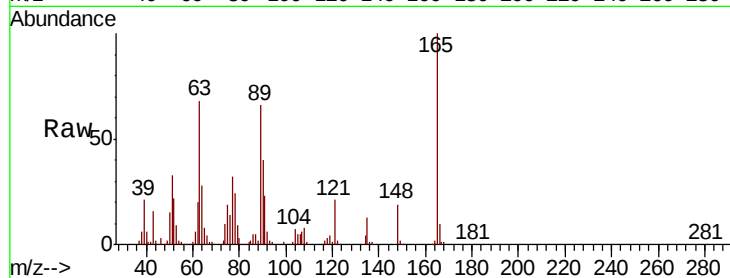




#51
 2,6-Dinitrotoluene
 Concen: 45.633 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: BG041284.D
 Acq: 17 Jun 2019 23:29

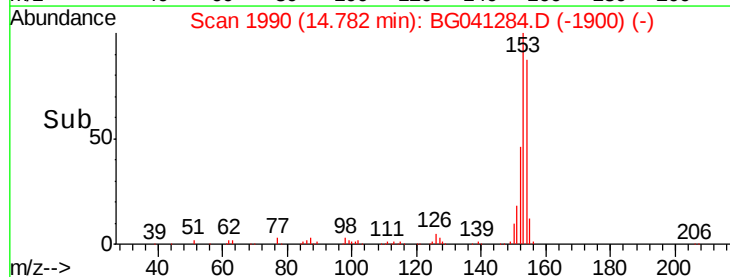
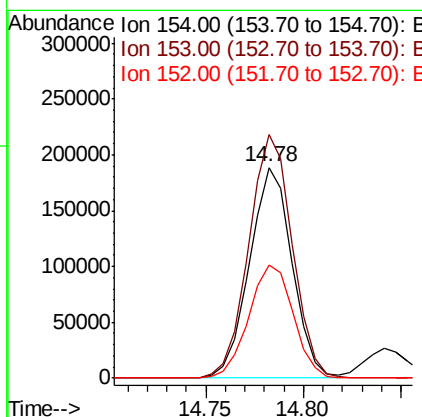
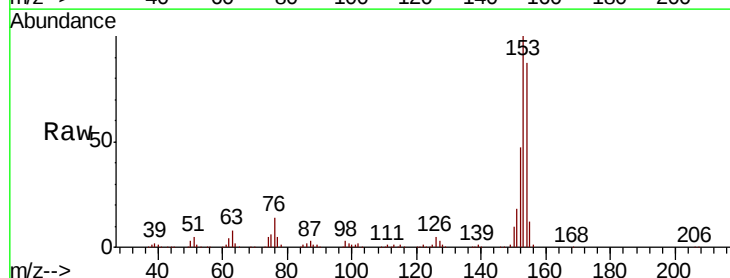
Instrument :
 BNA_G
 ClientSampleId :

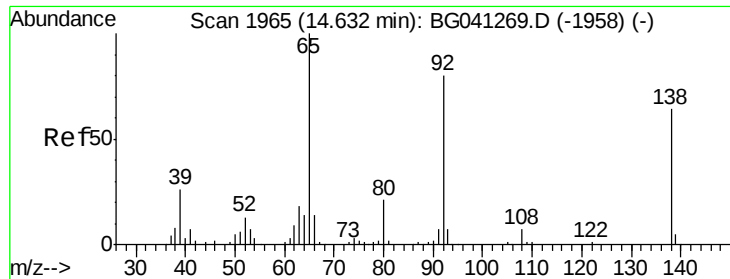
Tot Ion:165 Resp: 93367
 Ion Ratio Lower Upper
 165 100
 63 68.3 55.4 83.0
 89 65.5 56.5 84.7



#52
 Acenaphthene
 Concen: 45.055 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BG041284.D
 Acq: 17 Jun 2019 23:29

Tgt Ion:154 Resp: 284976
 Ion Ratio Lower Upper
 154 100
 153 115.5 96.6 145.0
 152 53.7 45.5 68.3





#53

3-Nitroaniline

Concen: 14.289 ng

RT: 14.64 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampleId :

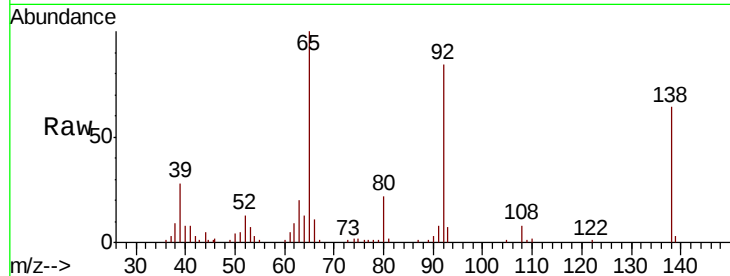
Tot Ion:138 Resp: 28804

Ion Ratio Lower Upper

138 100

108 12.9 8.3 12.5#

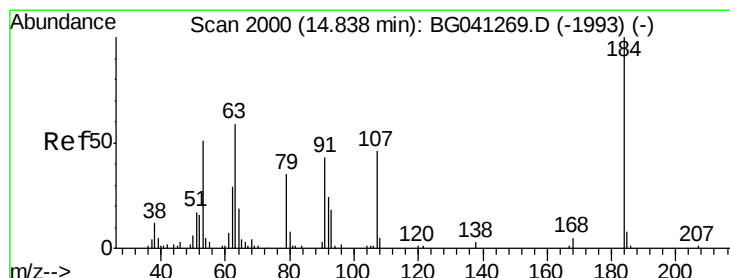
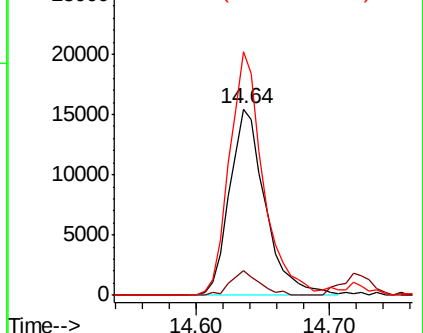
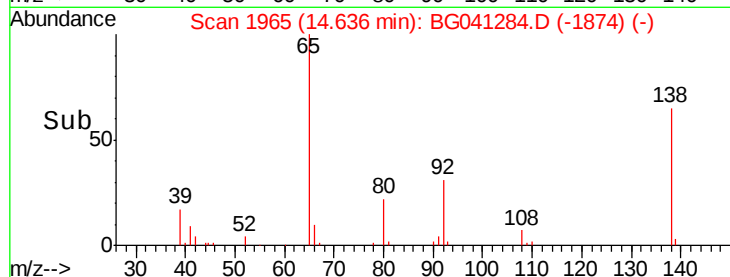
92 130.7 100.2 150.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 49.334 ng

RT: 14.84 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

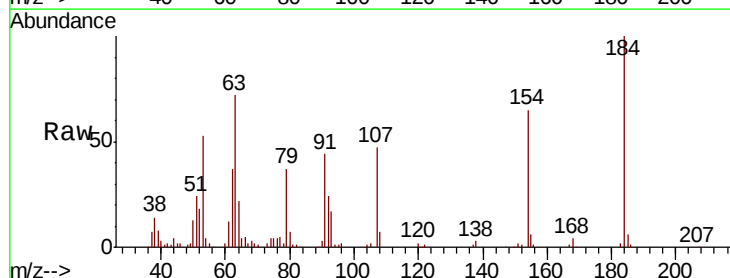
Tgt Ion:184 Resp: 69670

Ion Ratio Lower Upper

184 100

63 71.5 60.0 90.0

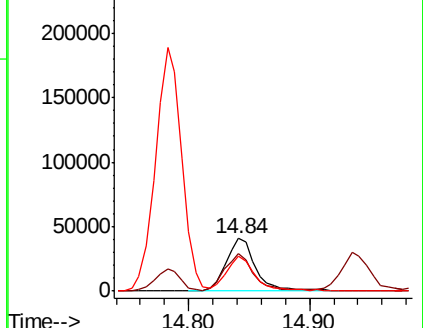
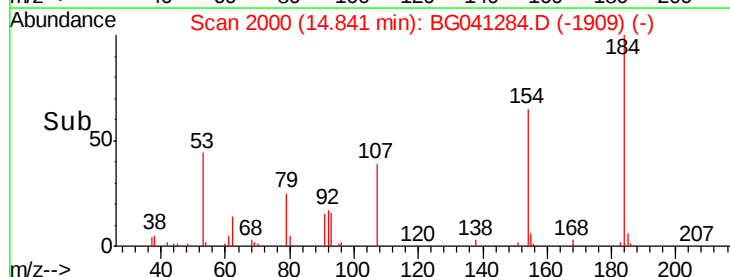
154 65.3 58.3 87.5

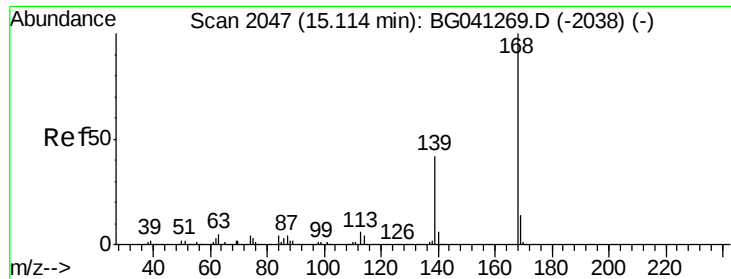


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

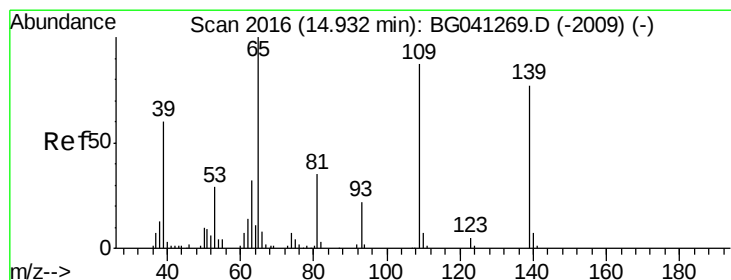
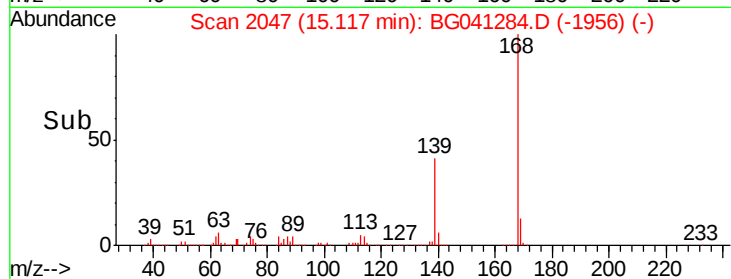
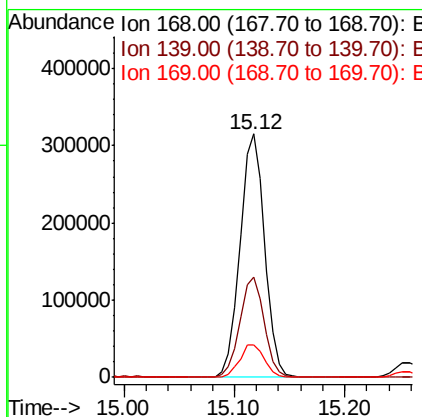
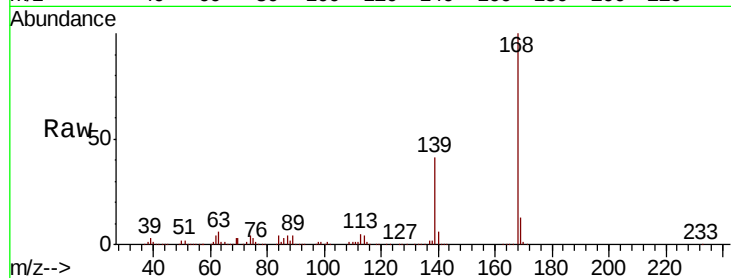




#55
Dibenzenofuran
Concen: 44.774 ng
RT: 15.12 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

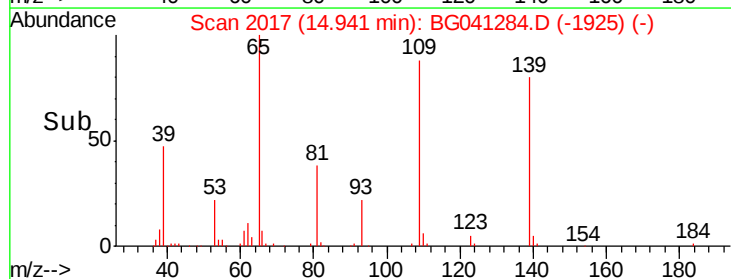
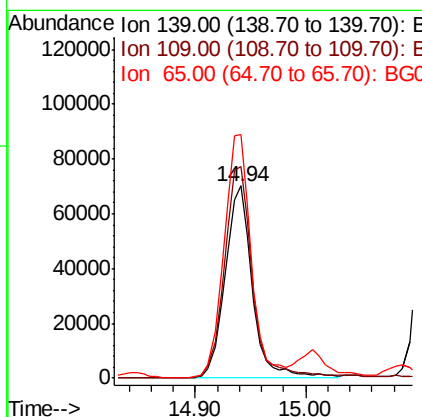
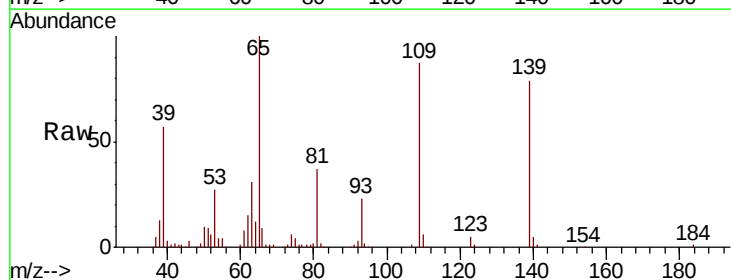
Instrument :
BNA_G
ClientSampleId :

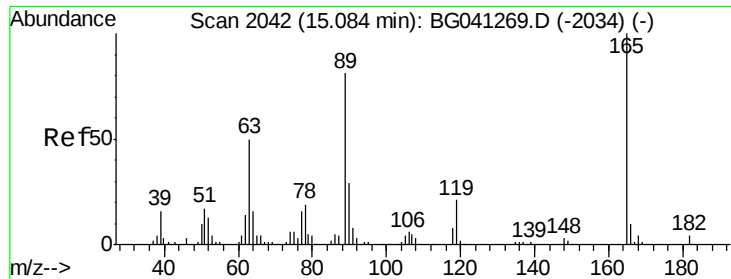
Tot Ion:168 Resp: 492393
Ion Ratio Lower Upper
168 100
139 41.1 33.6 50.4
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 79.254 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion:139 Resp: 121322
Ion Ratio Lower Upper
139 100
109 110.1 93.2 133.2
65 126.7 110.2 150.2

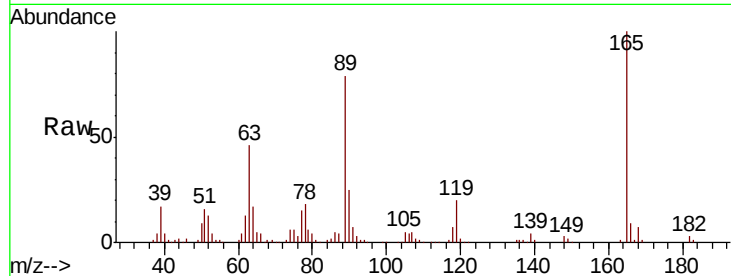




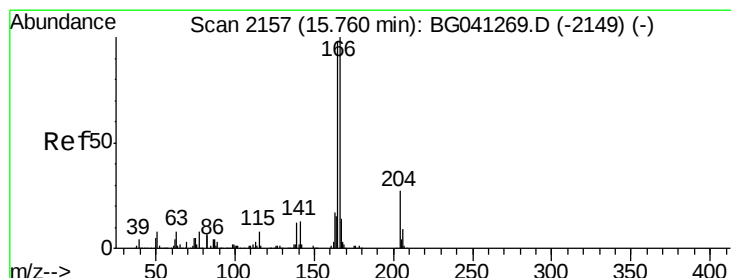
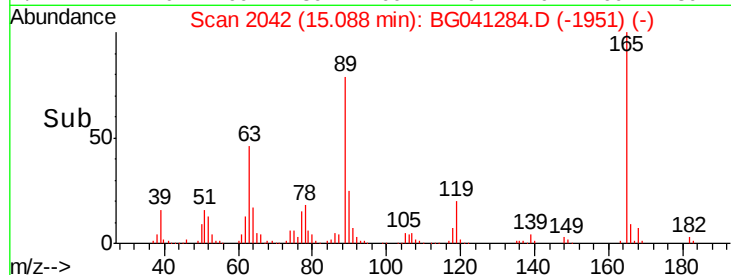
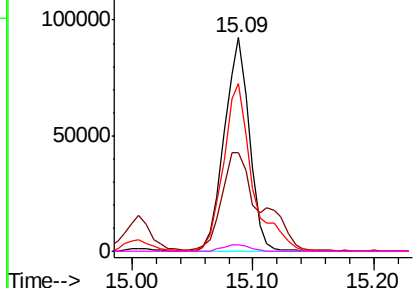
#57
 2,4-Dinitrotoluene
 Concen: 44.304 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BG041284.D
 Acq: 17 Jun 2019 23:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	132509
Ion	Ratio	Lower	Upper
165	100		
63	46.4	40.0	60.0
89	78.6	64.6	96.8
182	2.8	2.9	4.3#

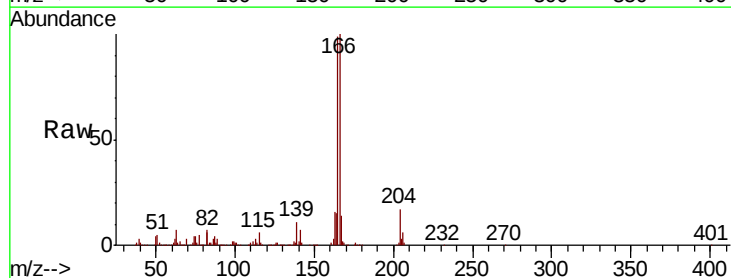


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

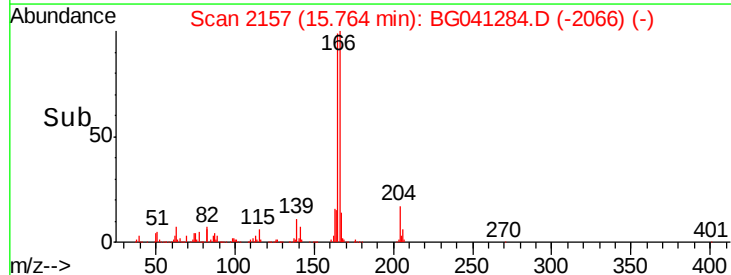
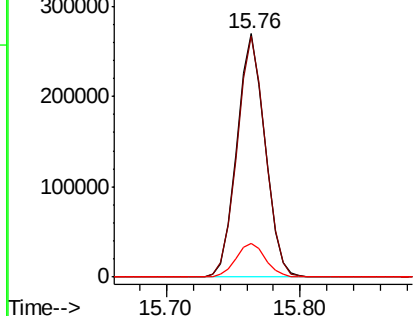


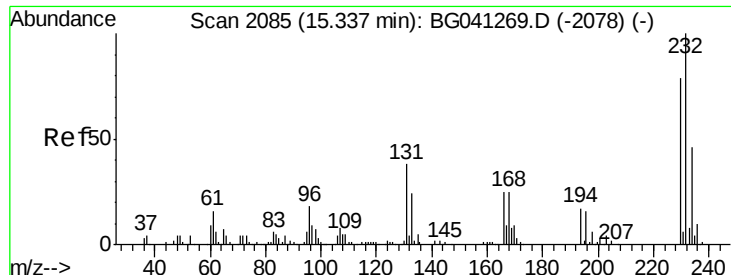
#58
 Fluorene
 Concen: 45.458 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG041284.D
 Acq: 17 Jun 2019 23:29

Tgt Ion:	166	Resp:	393253
Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.8	118.2
167	13.9	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

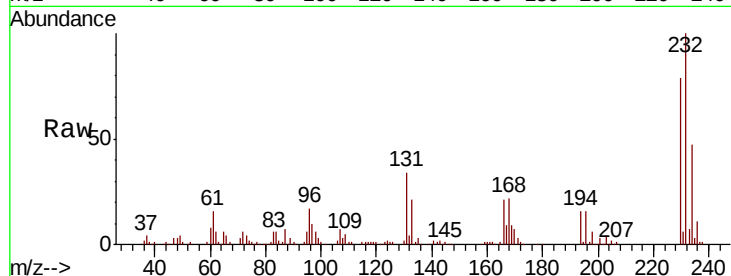




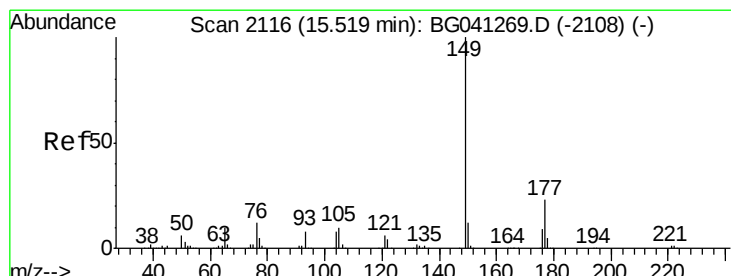
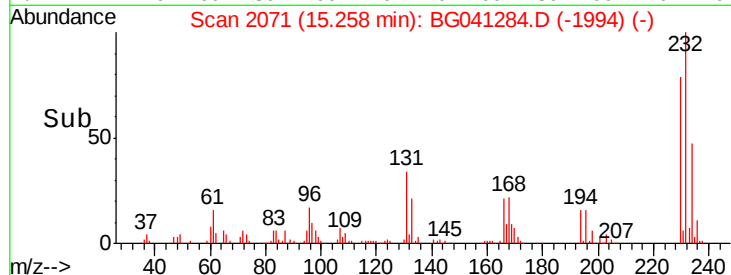
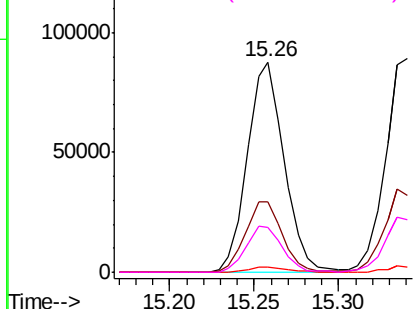
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.986 ng
 RT: 15.26 min Scan# 2071
 Delta R.T. -0.08 min
 Lab File: BG041284.D
 Acq: 17 Jun 2019 23:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	133350
Ion	Ratio	Lower	Upper
232	100		
131	33.8	29.0	43.6
130	2.4	1.6	2.4
166	21.5	21.0	31.4

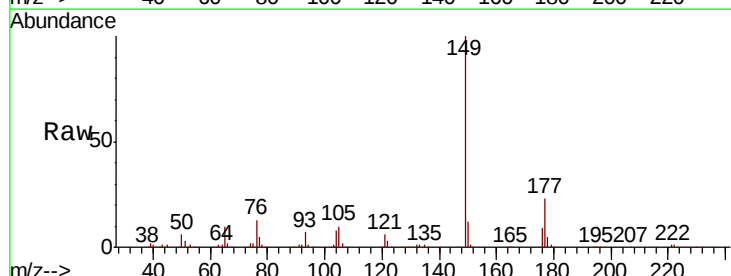


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

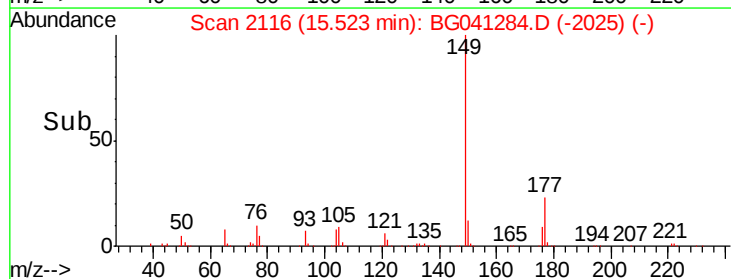
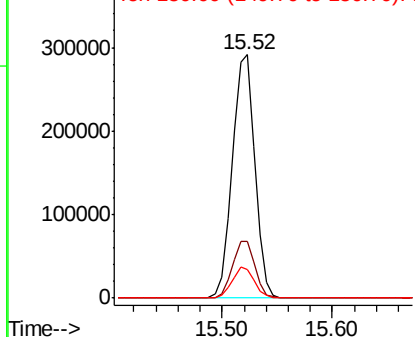


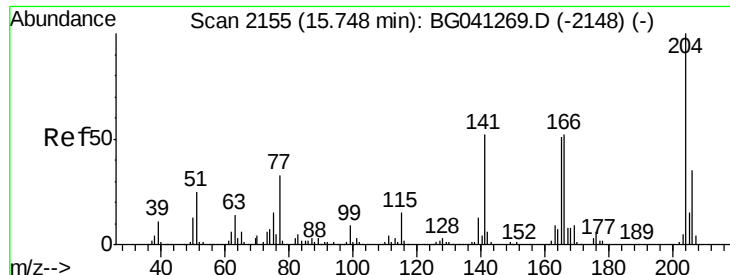
#60
 Diethylphthalate
 Concen: 42.341 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG041284.D
 Acq: 17 Jun 2019 23:29

Tgt Ion:	149	Resp:	417603
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.4	27.6
150	11.8	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

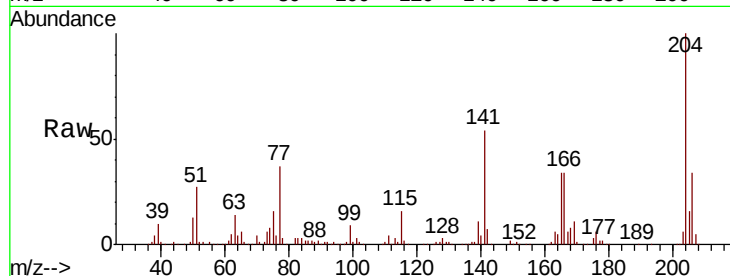




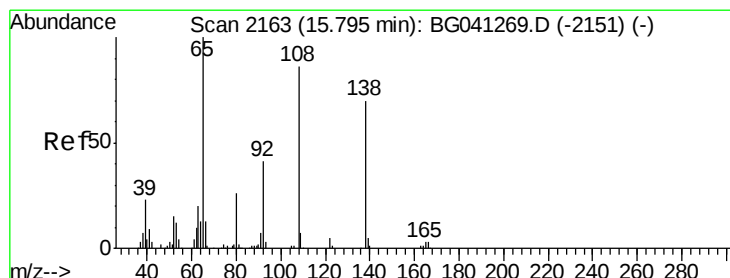
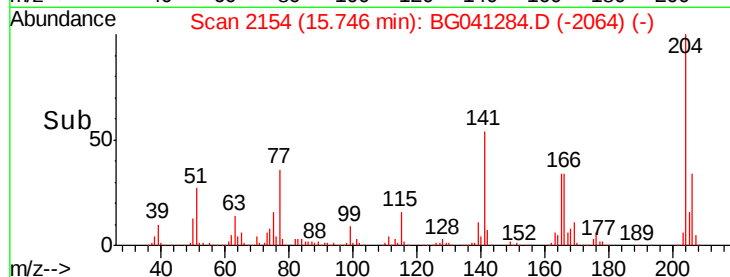
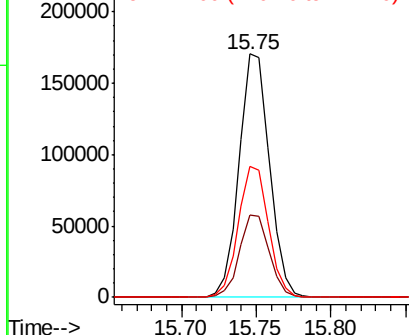
#61
4-Chlorophenyl-phenylether
Concen: 42.825 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 241042
Ion Ratio Lower Upper
204 100
206 33.6 27.9 41.9
141 54.0 41.4 62.0

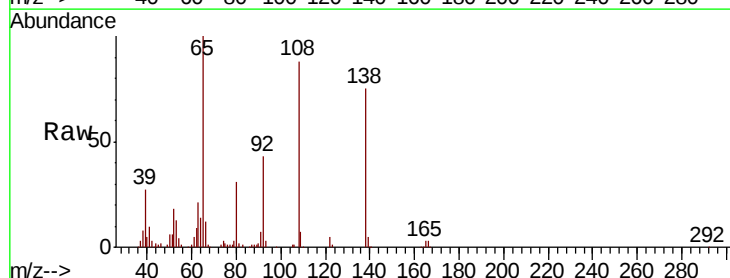


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

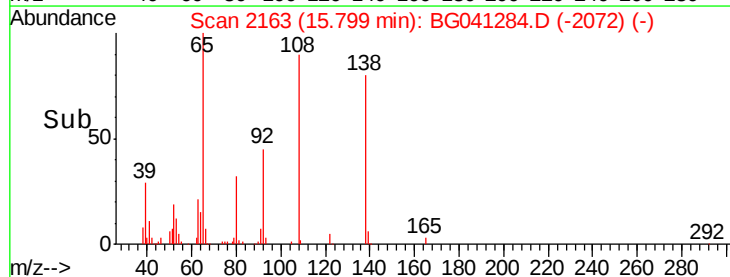
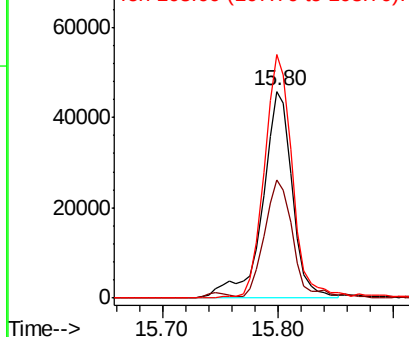


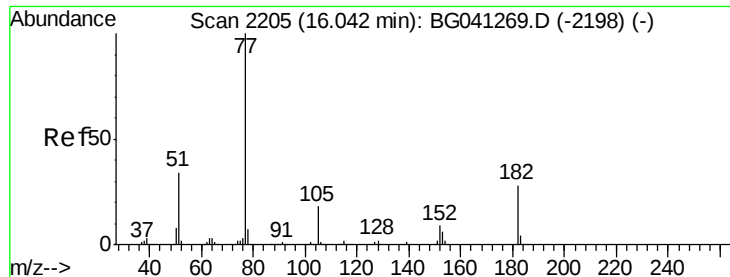
#62
4-Nitroaniline
Concen: 38.139 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion:138 Resp: 82228
Ion Ratio Lower Upper
138 100
92 56.8 38.8 78.8
108 117.7 103.4 143.4



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

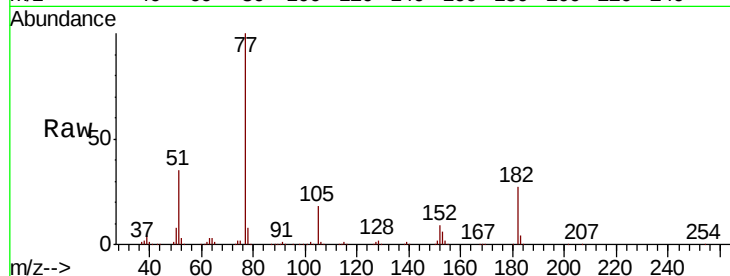




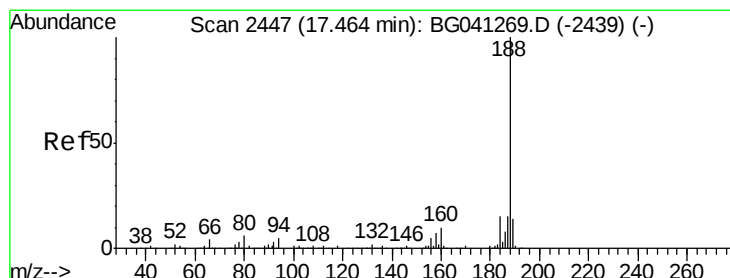
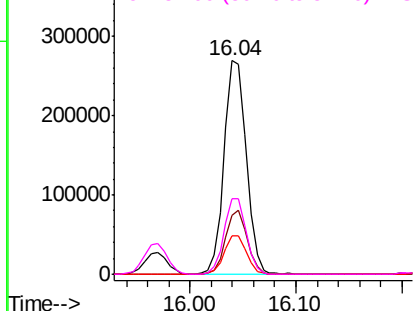
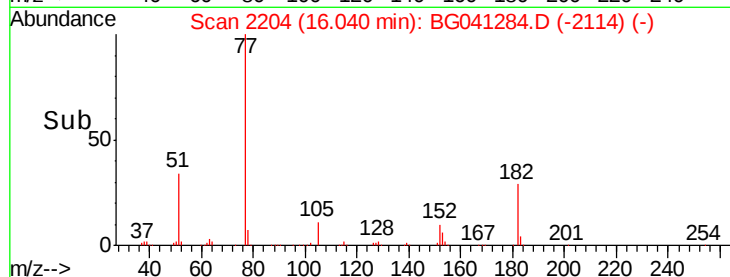
#63
Azobenzene
Concen: 44.531 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	391825
Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.5	47.5
105	18.2	0.0	37.7
51	35.5	14.6	54.6

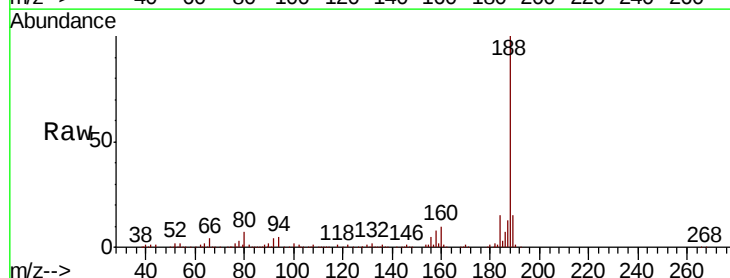


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

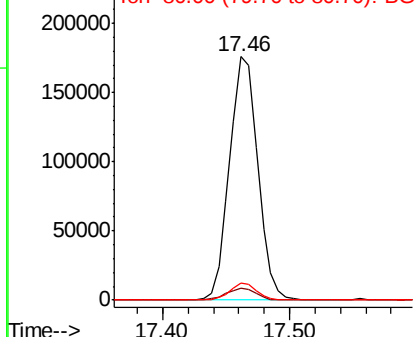
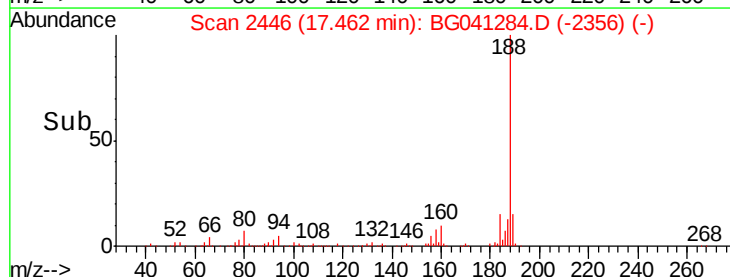


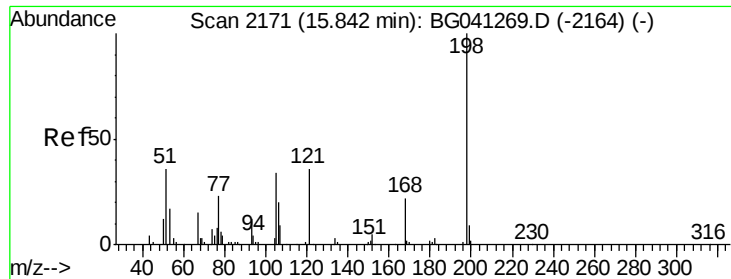
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion:	188	Resp:	271118
Ion	Ratio	Lower	Upper
188	100		
94	5.1	3.6	5.4
80	7.0	4.8	7.2



Abundance Ion 188.00 (187.70 to 188.70): E
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: 32.450 ng

RT: 15.85 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampleId :

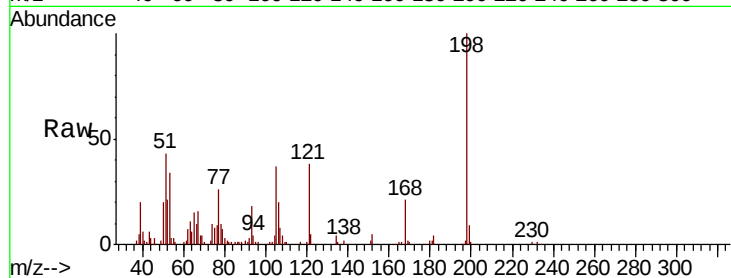
Tot Ion:198 Resp: 57105

Ion Ratio Lower Upper

198 100

51 42.6 23.4 63.4

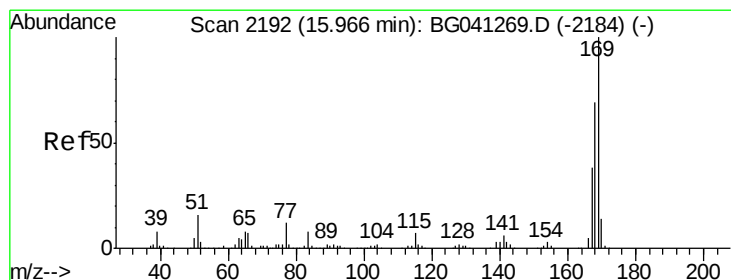
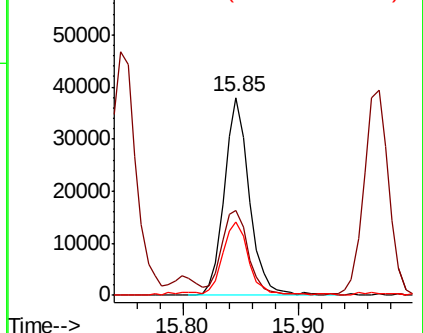
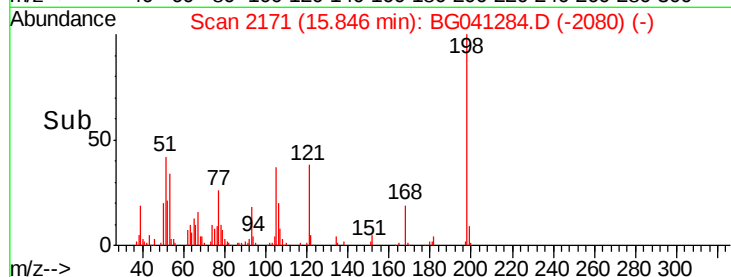
105 37.3 15.8 55.8



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: 49.146 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

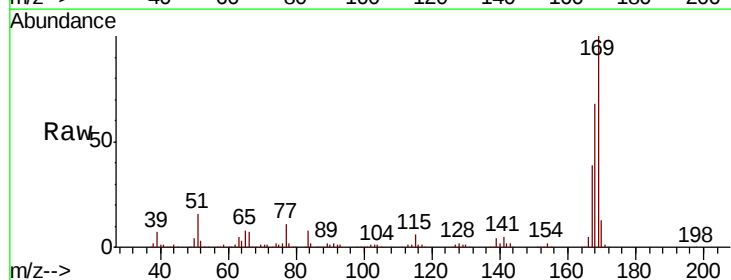
Tgt Ion:169 Resp: 353798

Ion Ratio Lower Upper

169 100

168 67.6 55.2 82.8

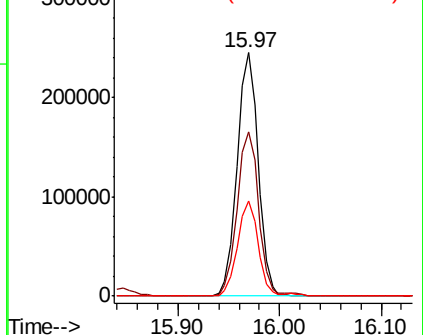
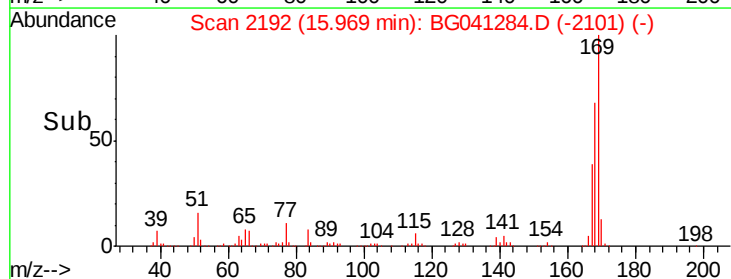
167 39.2 30.4 45.6

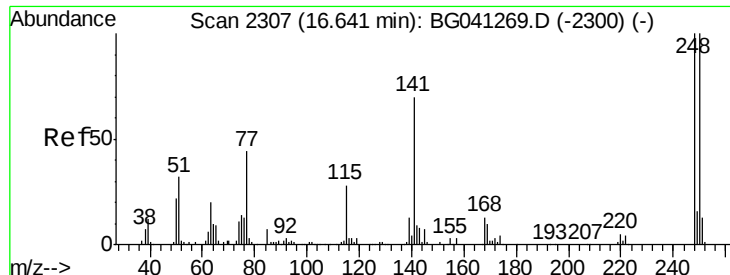


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

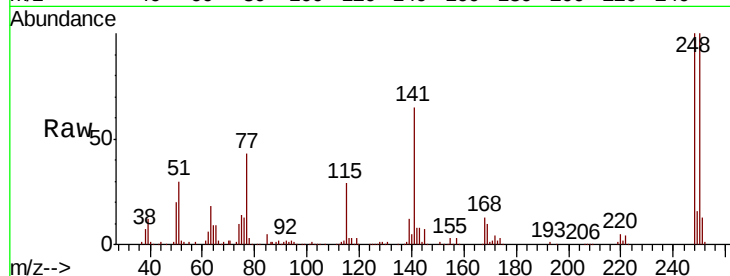




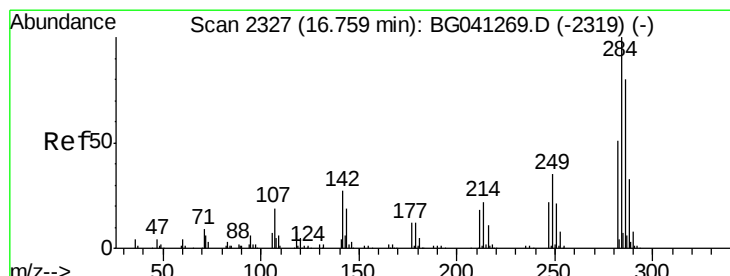
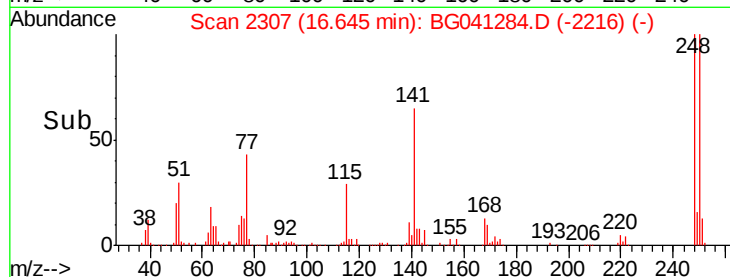
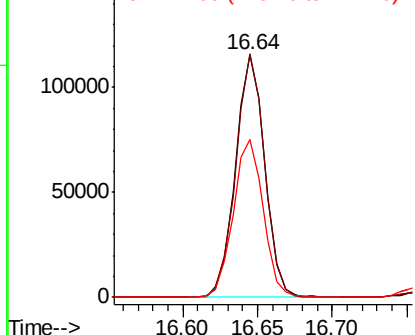
#67
 4-Bromophenyl-phenylether
 Concen: 44.972 ng
 RT: 16.64 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BG041284.D
 Acq: 17 Jun 2019 23:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 157655
 Ion Ratio Lower Upper
 248 100
 250 100.3 79.8 119.8
 141 65.0 55.8 83.6

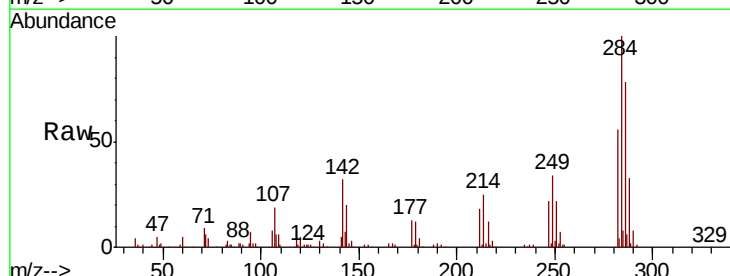


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

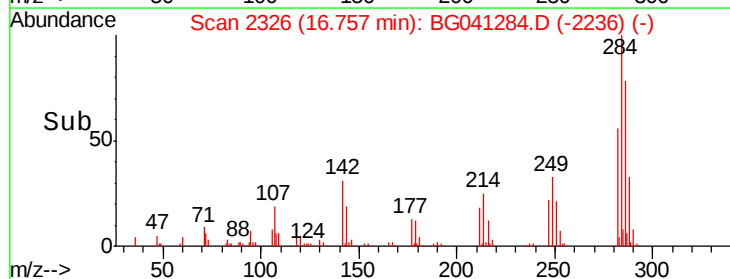
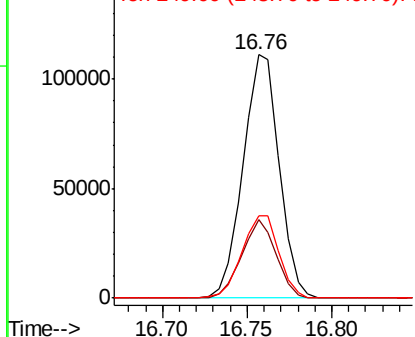


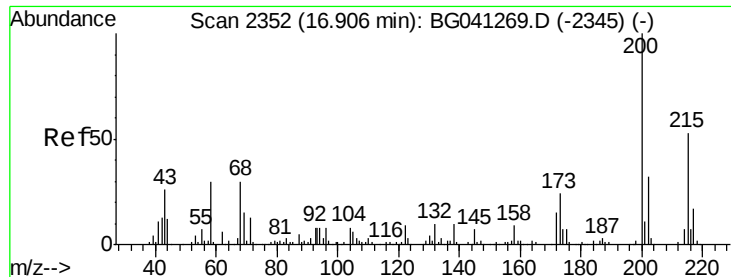
#68
 Hexachlorobenzene
 Concen: 44.018 ng
 RT: 16.76 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG041284.D
 Acq: 17 Jun 2019 23:29

Tgt Ion:284 Resp: 165242
 Ion Ratio Lower Upper
 284 100
 142 32.0 21.8 32.8
 249 33.7 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: Below Cal

RT: 16.91 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampleId :

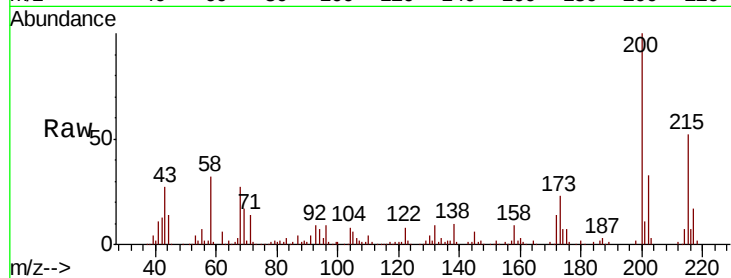
Tot Ion:200 Resp: 150584

Ion Ratio Lower Upper

200 100

173 22.6 4.0 44.0

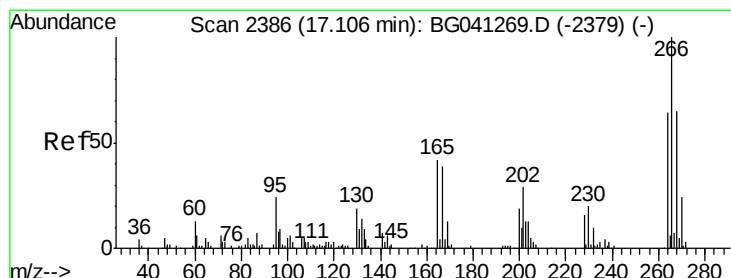
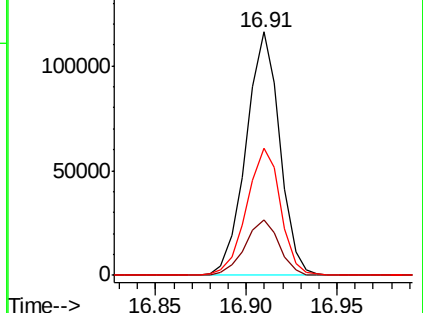
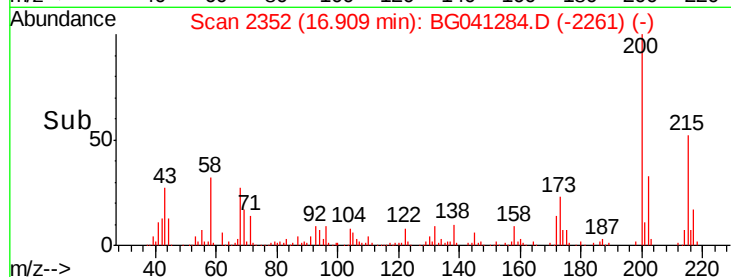
215 52.5 33.4 73.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 93.853 ng

RT: 17.11 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

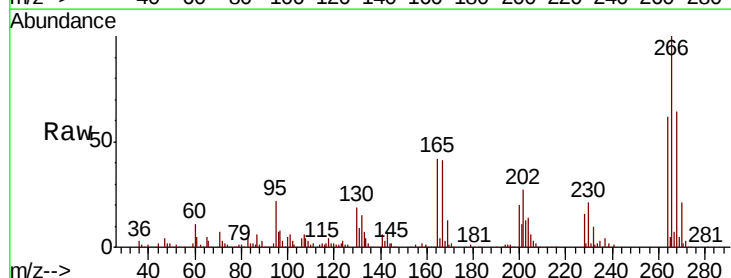
Tgt Ion:266 Resp: 180409

Ion Ratio Lower Upper

266 100

268 64.4 52.0 78.0

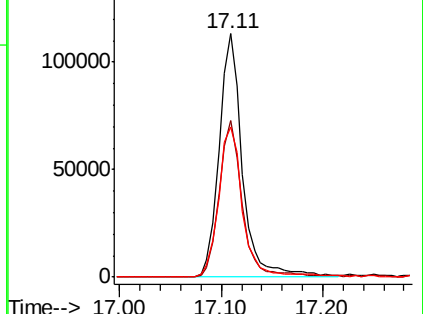
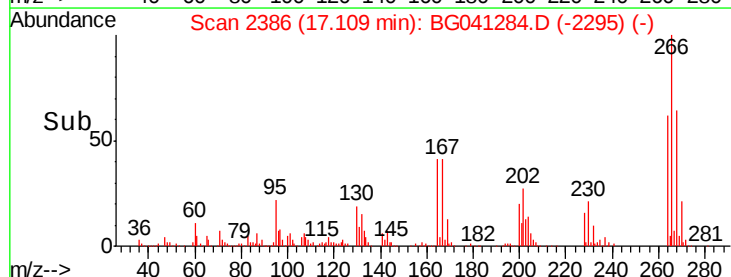
264 61.6 51.2 76.8

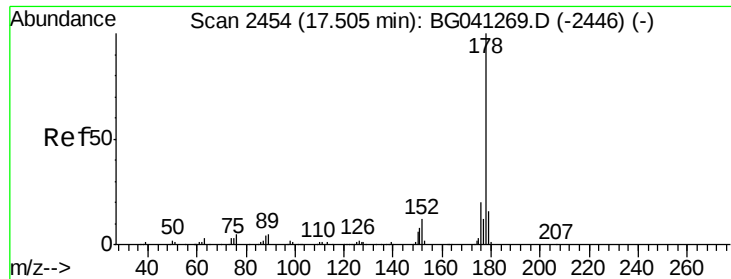


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

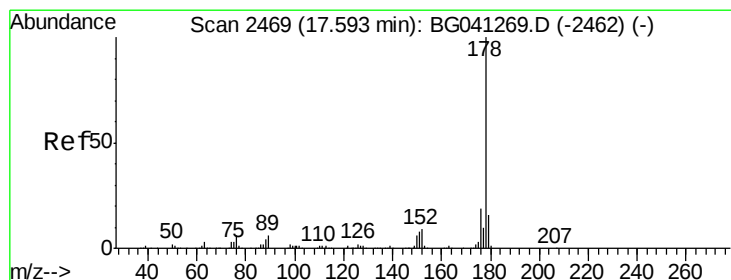
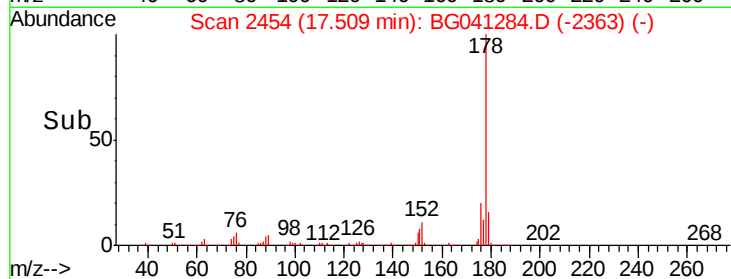
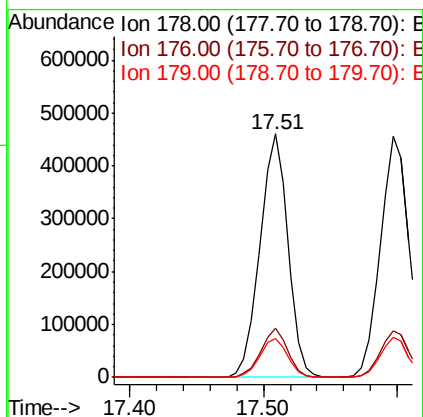
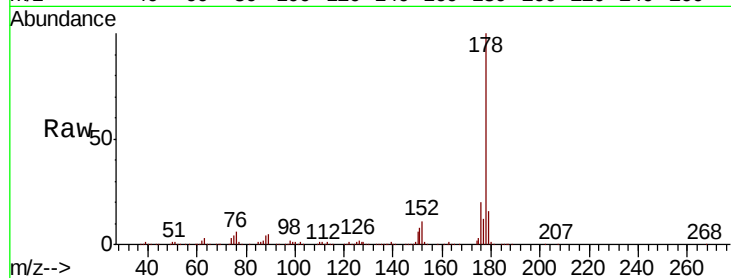




#71
Phenanthrene
Concen: 46.058 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

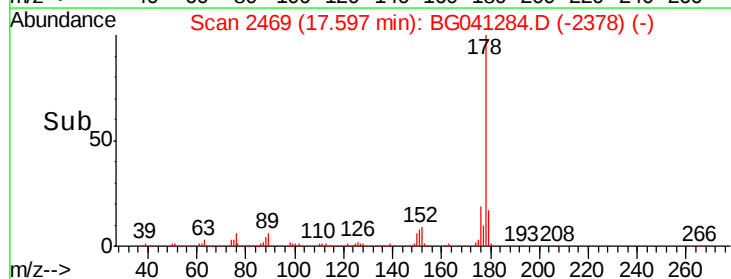
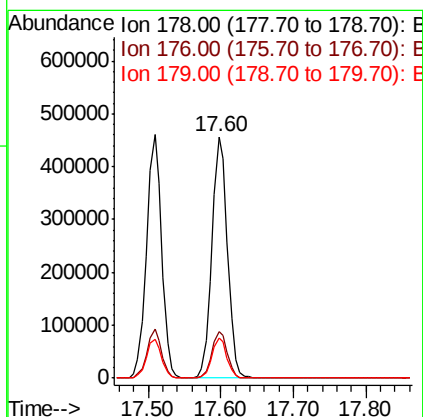
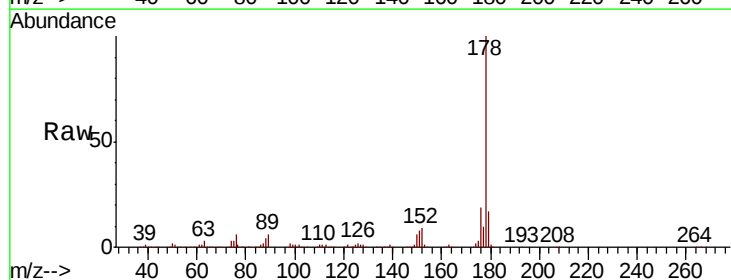
Instrument :
BNA_G
ClientSampleId :

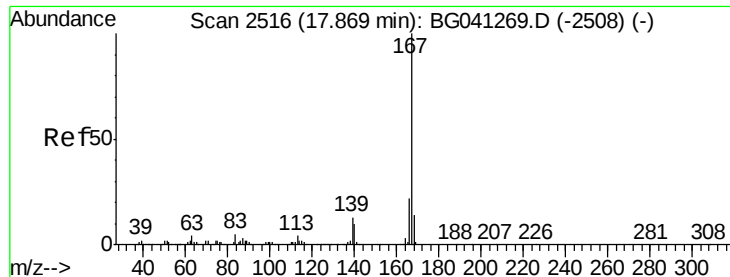
Tot Ion:178 Resp: 665988
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 16.1 12.9 19.3



#72
Anthracene
Concen: 47.713 ng
RT: 17.60 min Scan# 2469
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion:178 Resp: 680168
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.9 13.0 19.4

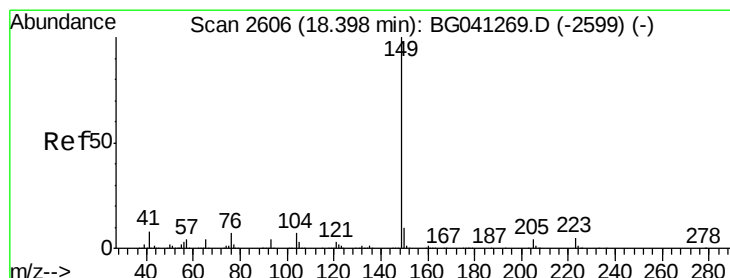
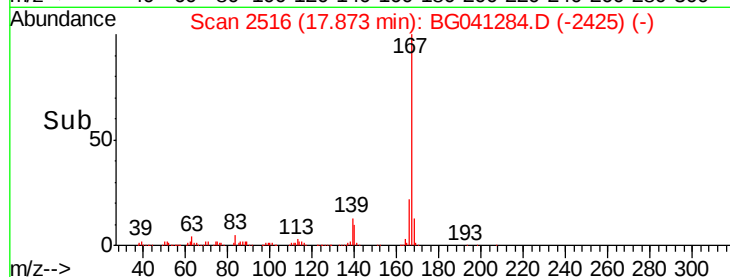
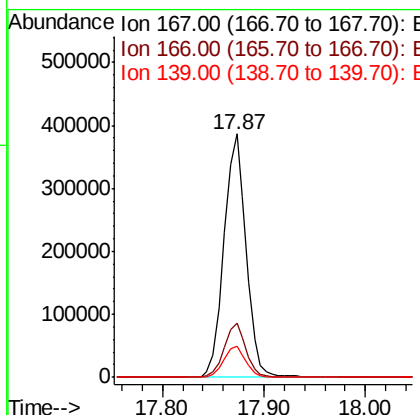
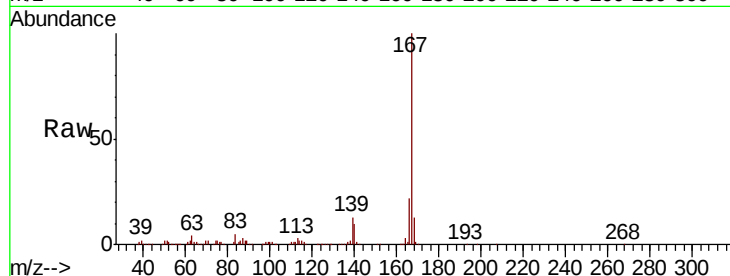




#73
 Carbazole
 Concen: 46.928 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. 0.00 min
 Lab File: BG041284.D
 Acq: 17 Jun 2019 23:29

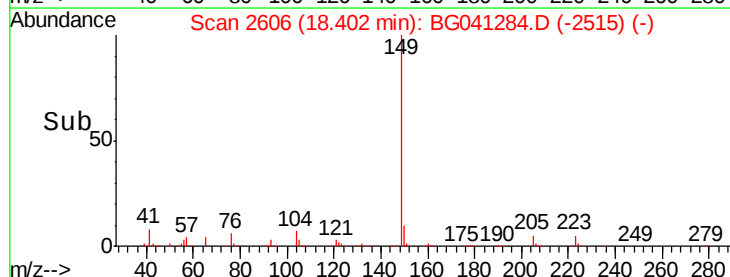
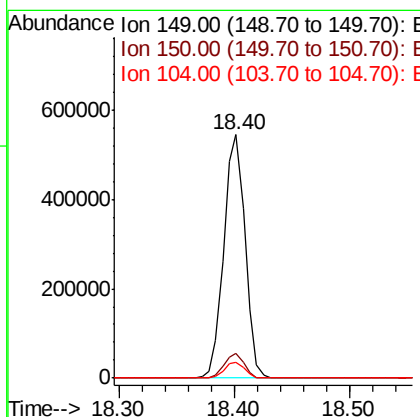
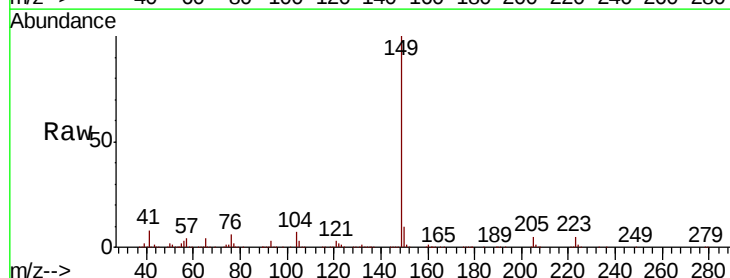
Instrument :
 BNA_G
 ClientSampled :

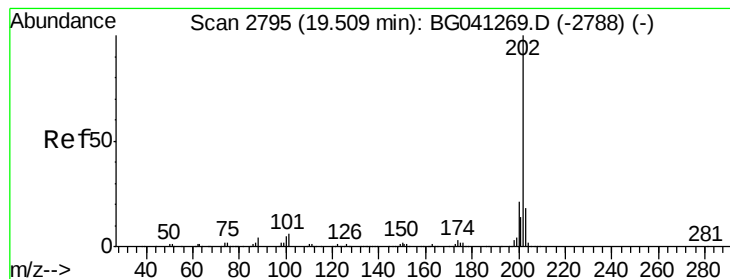
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	12.8	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 44.715 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG041284.D
 Acq: 17 Jun 2019 23:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	6.7	5.4	8.0





#75

Fluoranthene

Concen: 44.834 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampleId :

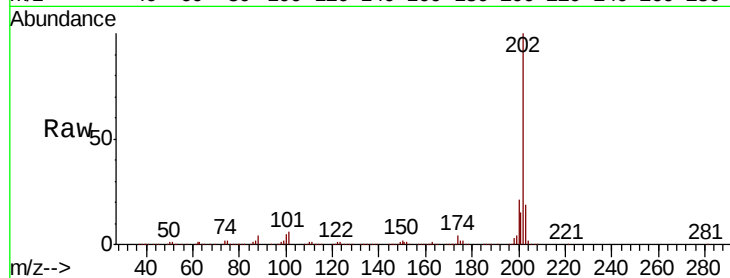
Tot Ion:202 Resp: 861249

Ion Ratio Lower Upper

202 100

101 5.7 0.0 26.0

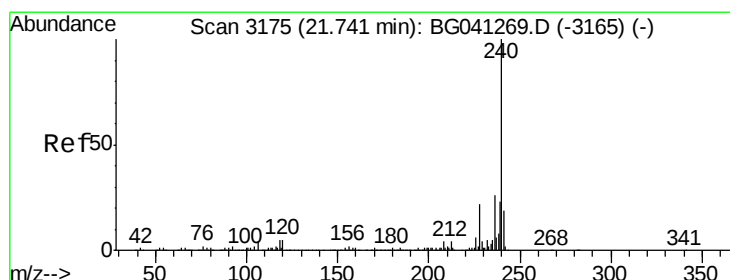
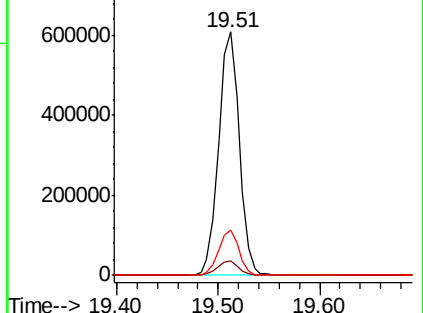
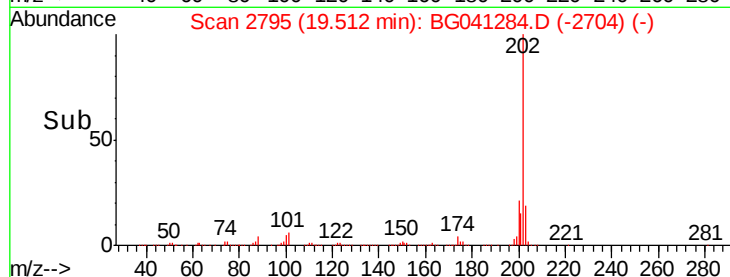
203 18.6 0.0 37.7



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# 3174

Delta R.T. -0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

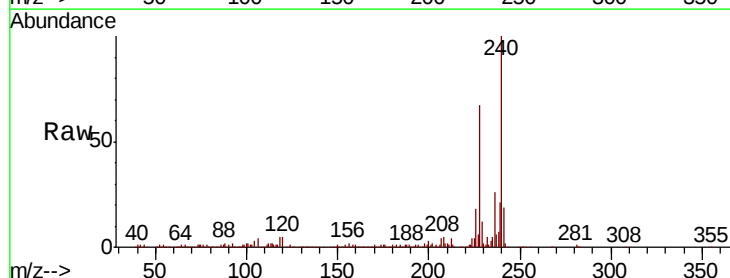
Tgt Ion:240 Resp: 271265

Ion Ratio Lower Upper

240 100

120 5.0 3.7 5.5

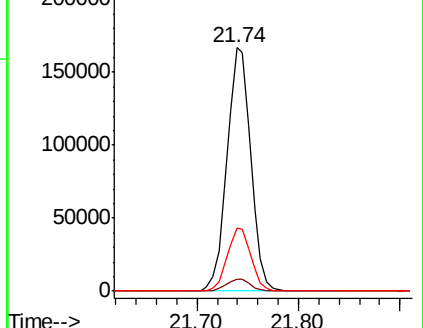
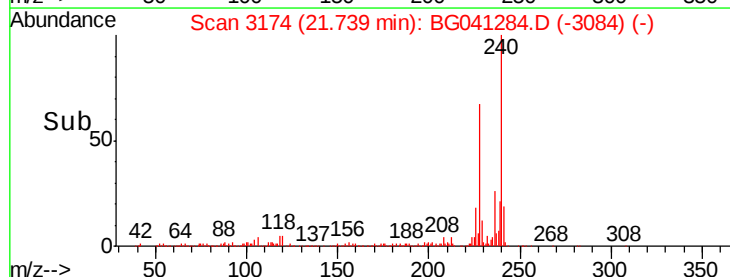
236 25.8 21.1 31.7

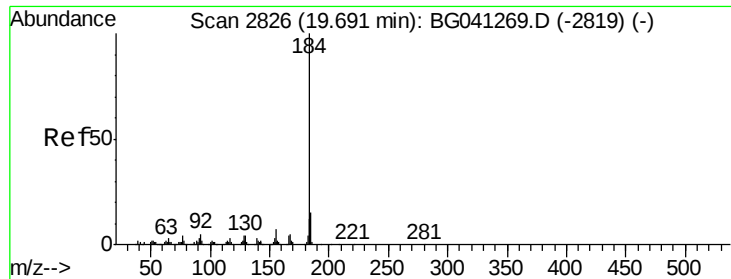


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.000 ng

RT: 19.69 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

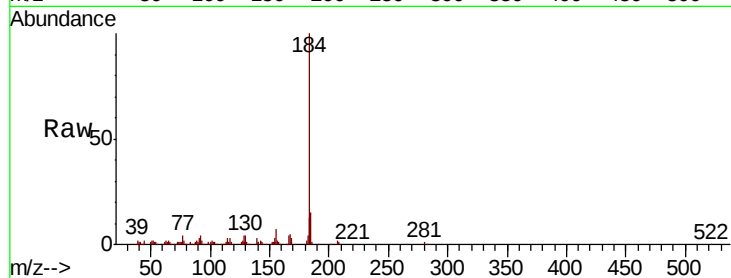
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 118103

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.2	18.2
183	12.6	9.6	14.4

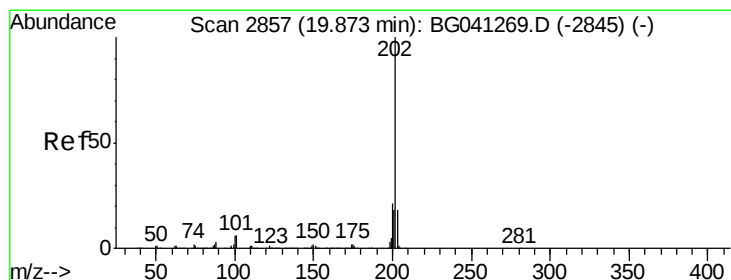
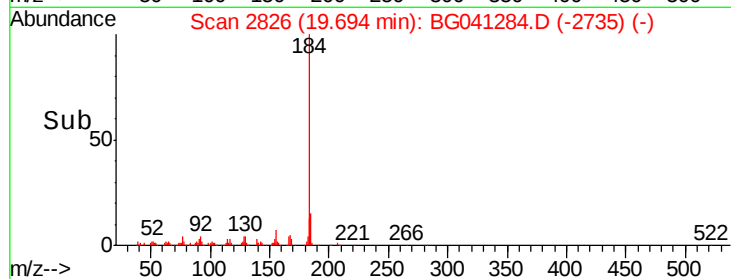
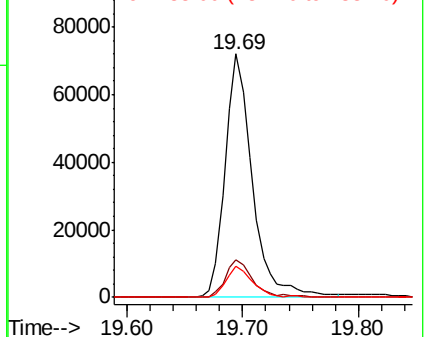


Abundance

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: 47.655 ng

RT: 19.88 min Scan# 2857

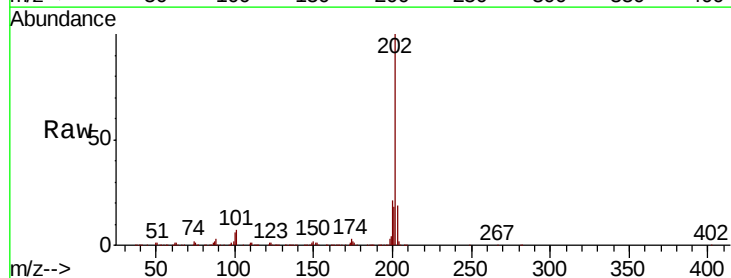
Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Tgt Ion:202 Resp: 871816

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.8	25.2
203	18.5	14.6	21.8

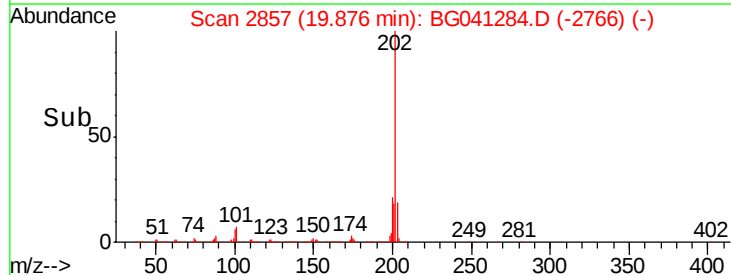
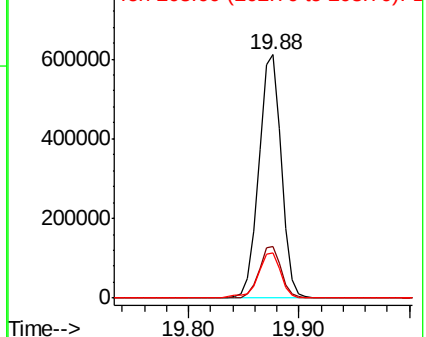


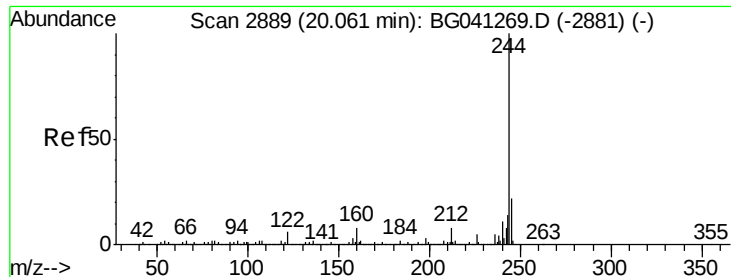
Abundance

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: 97.984 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampled :

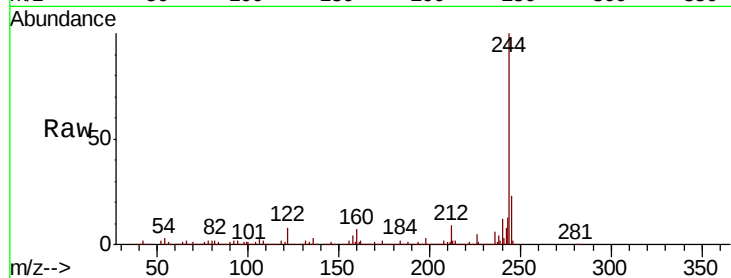
Tot Ion:244 Resp: 1341195

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

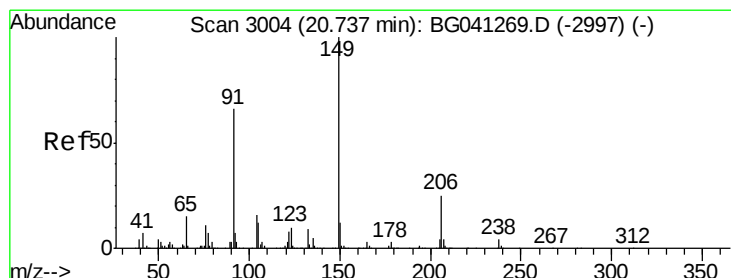
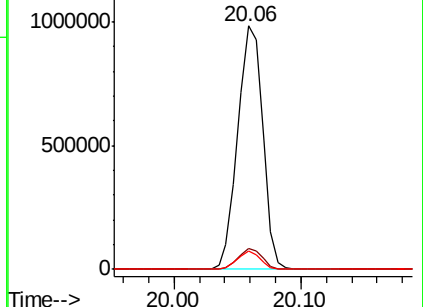
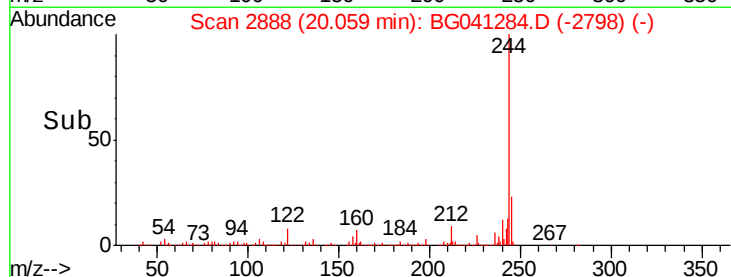
122 7.6 5.0 7.4#



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: 45.456 ng

RT: 20.74 min Scan# 3004

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

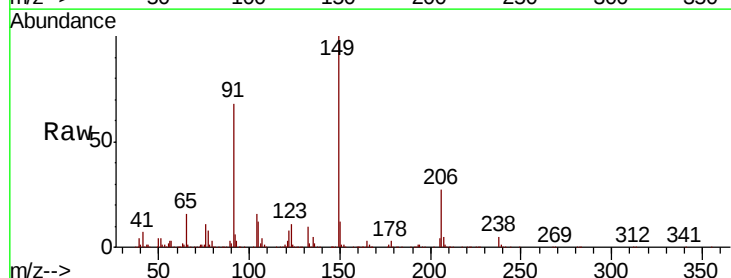
Tgt Ion:149 Resp: 314545

Ion Ratio Lower Upper

149 100

91 67.7 53.2 79.8

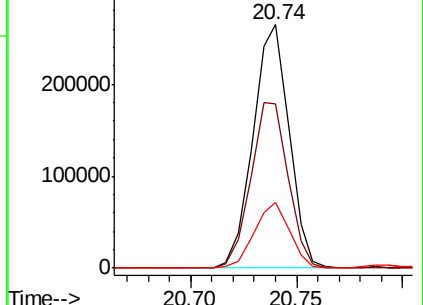
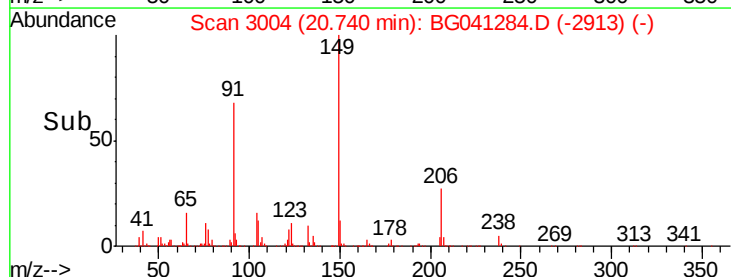
206 26.8 20.3 30.5

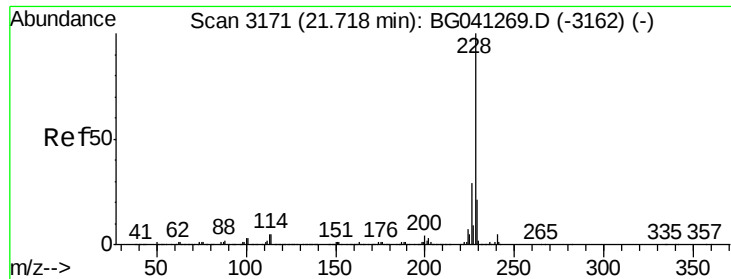


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.333 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampleId :

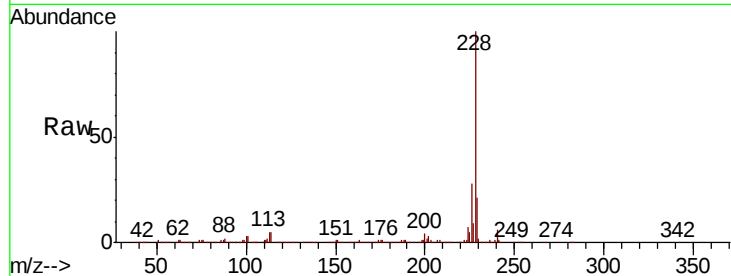
Tot Ion:228 Resp: 850998

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.2	34.8
229	20.9	16.8	25.2

228 100

226 28.5 23.2 34.8

229 20.9 16.8 25.2

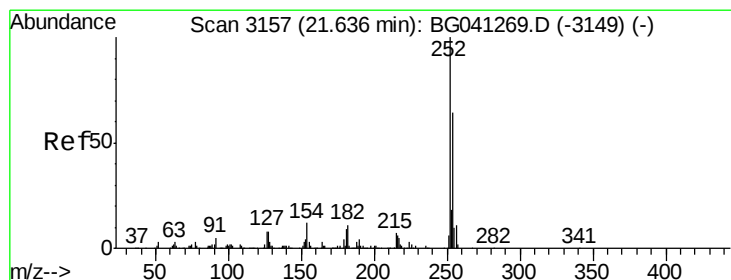
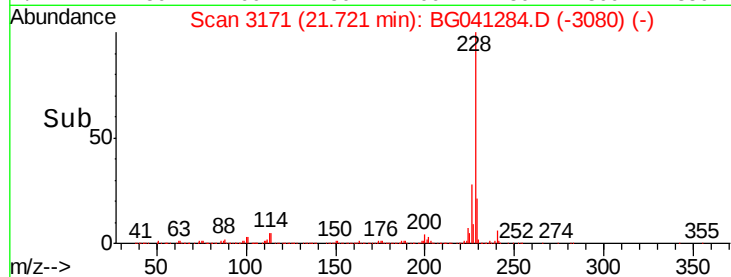
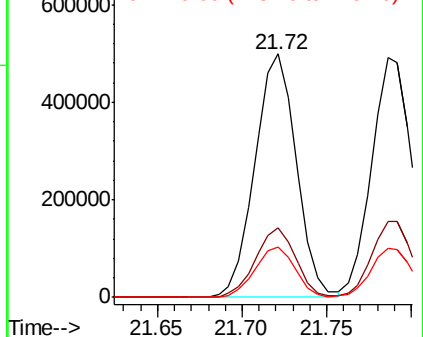


Abundance

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: 16.769 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

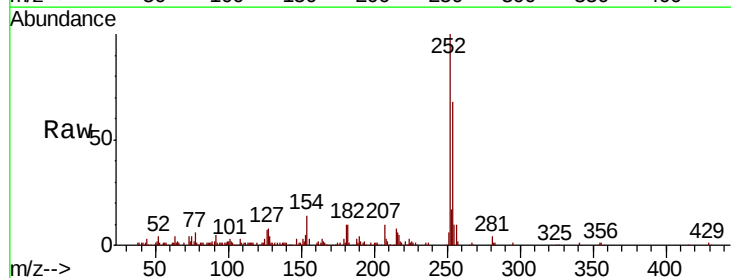
Tgt Ion:252 Resp: 108117

Ion	Ratio	Lower	Upper
252	100		
254	67.5	51.4	77.0
126	7.4	6.0	9.0

252 100

254 67.5 51.4 77.0

126 7.4 6.0 9.0

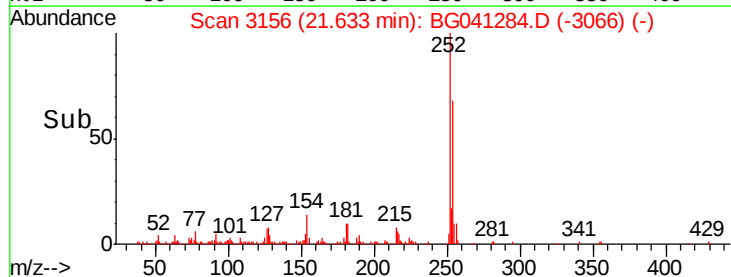
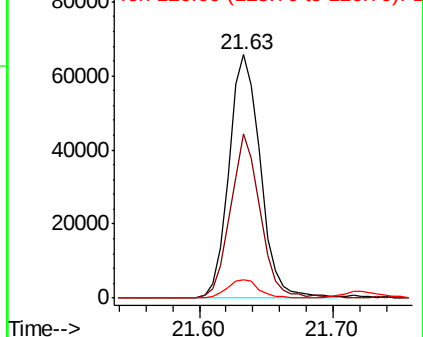


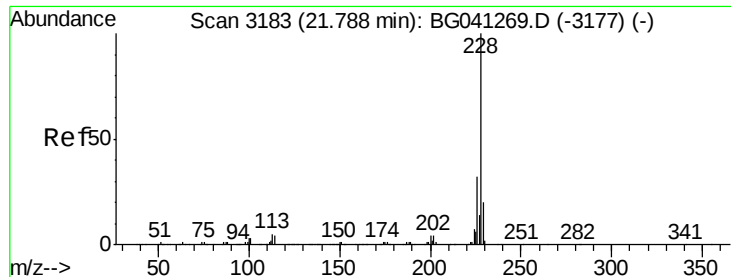
Abundance

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

Chrysene

Concen: 45.980 ng

RT: 21.79 min Scan# 3182

Delta R.T. -0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampleId :

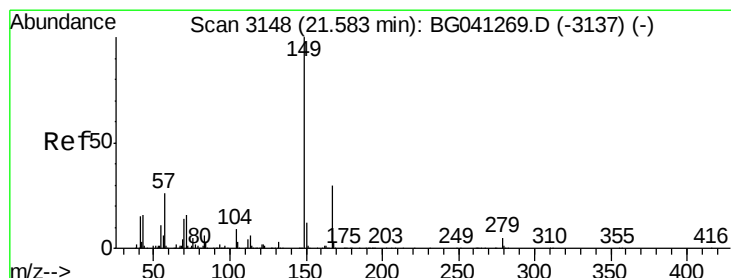
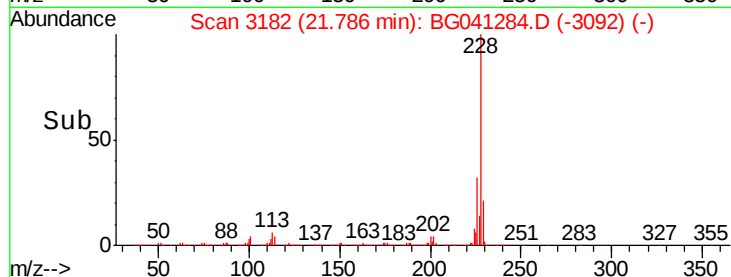
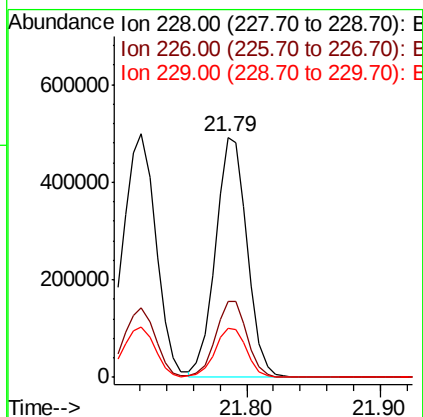
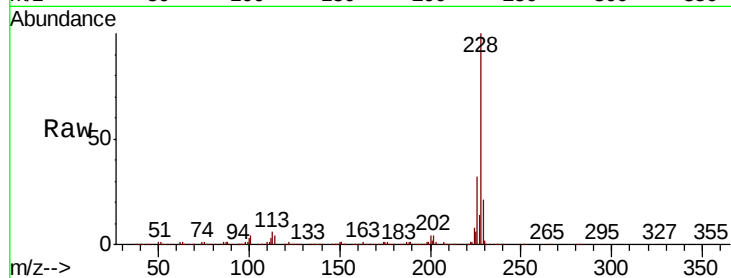
Tot Ion:228 Resp: 812148

Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.0

229 20.6 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.555 ng

RT: 21.59 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

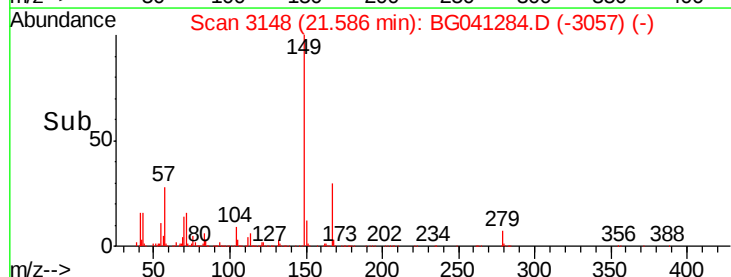
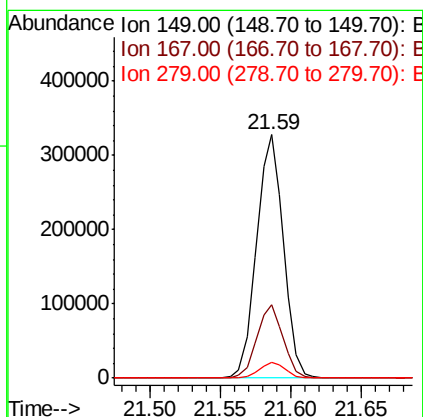
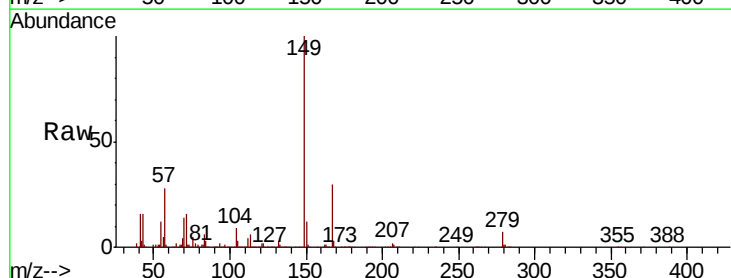
Tgt Ion:149 Resp: 439023

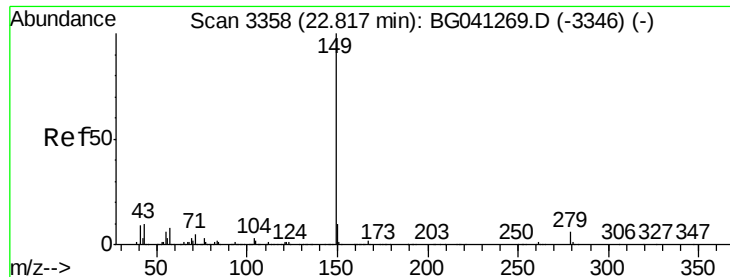
Ion Ratio Lower Upper

149 100

167 30.0 23.8 35.8

279 6.5 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 46.771 ng

RT: 22.82 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

Instrument :

BNA_G

ClientSampled :

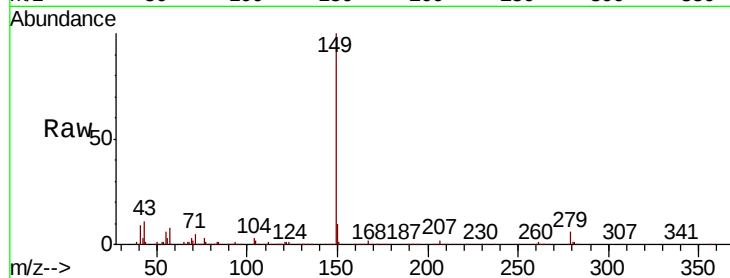
Tot Ion:149 Resp: 746213

Ion Ratio Lower Upper

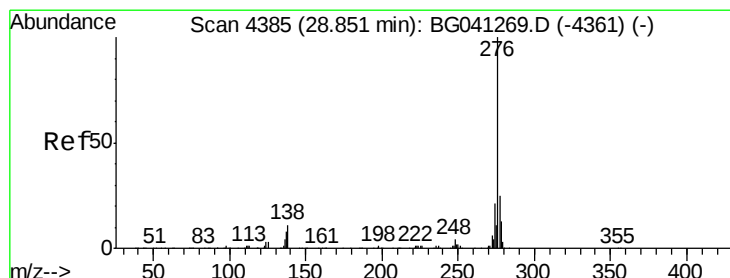
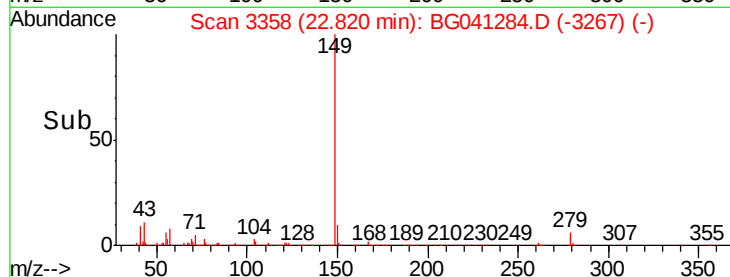
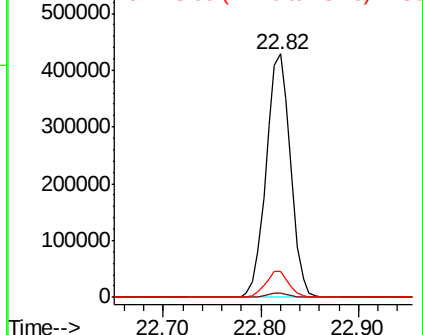
149 100

167 1.7 1.4 2.0

43 10.4 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: 46.660 ng

RT: 28.86 min Scan# 4386

Delta R.T. 0.01 min

Lab File: BG041284.D

Acq: 17 Jun 2019 23:29

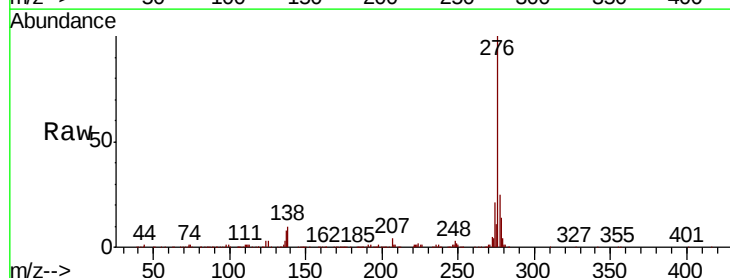
Tgt Ion:276 Resp: 977818

Ion Ratio Lower Upper

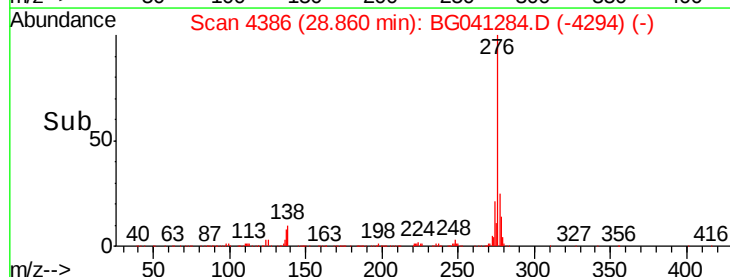
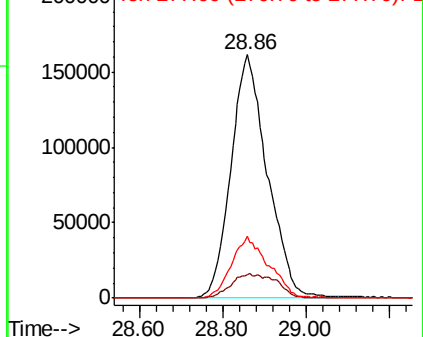
276 100

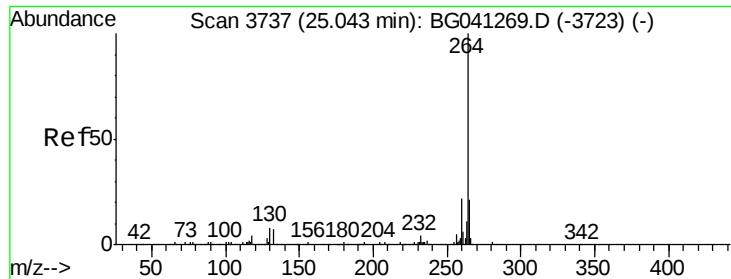
138 8.1 7.7 11.5

277 25.8 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

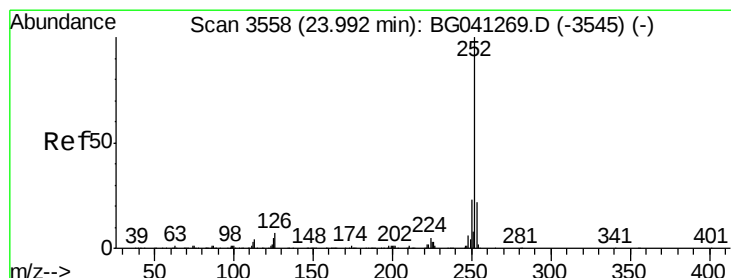
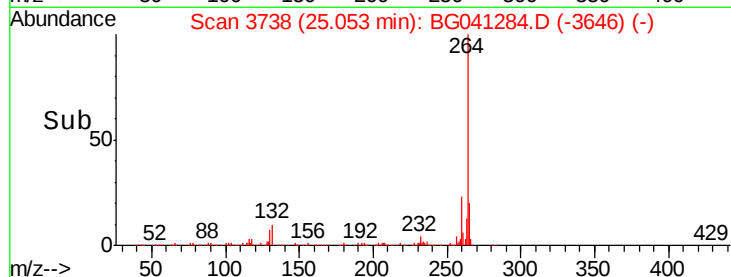
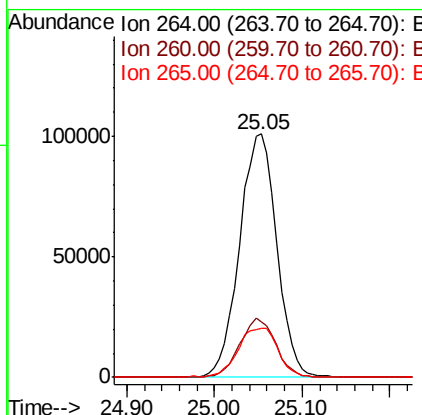
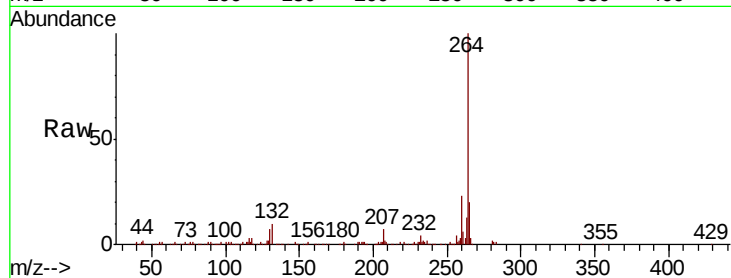




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.05 min Scan# 3738
 Delta R.T. 0.01 min
 Lab File: BG041284.D
 Acq: 17 Jun 2019 23:29

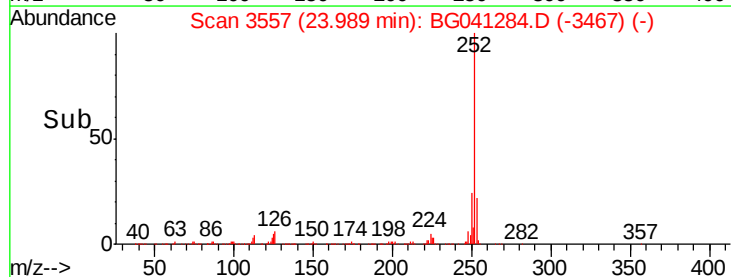
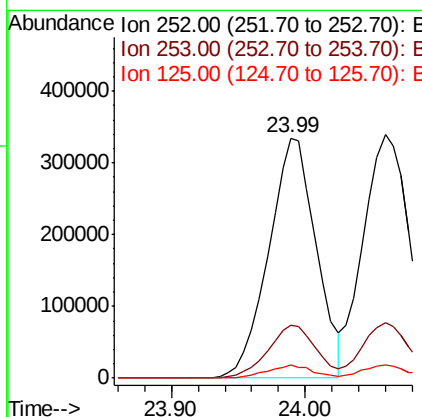
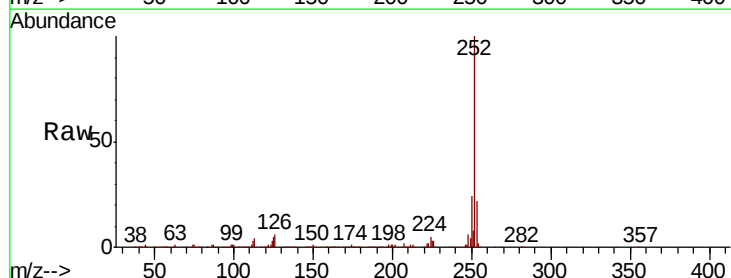
Instrument :
 BNA_G
 ClientSampleId :

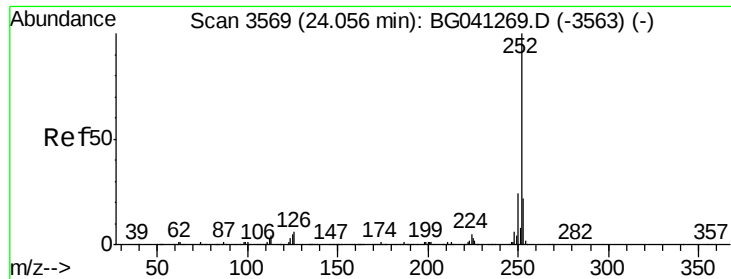
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.2
265	20.1	17.2	25.8



#88
 Benzo(b)fluoranthene
 Concen: 45.735 ng
 RT: 23.99 min Scan# 3557
 Delta R.T. -0.00 min
 Lab File: BG041284.D
 Acq: 17 Jun 2019 23:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	5.3	3.9	5.9

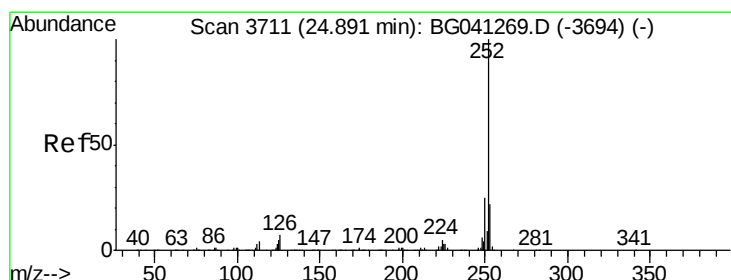
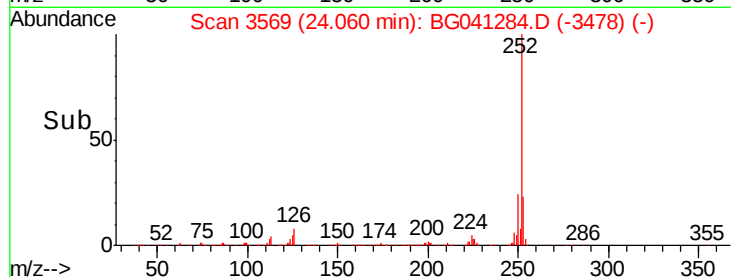
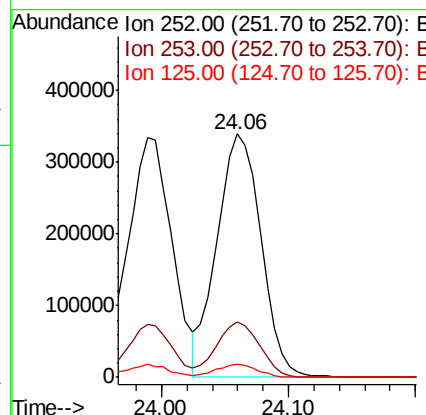
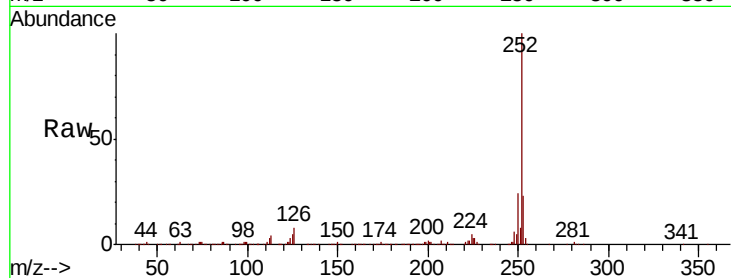




#89
Benzo(k)fluoranthene
Concen: 45.521 ng
RT: 24.06 min Scan# 3569
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

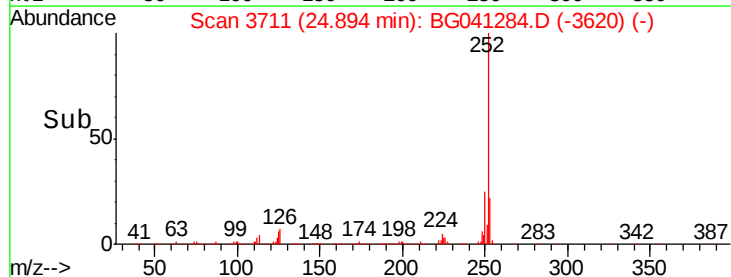
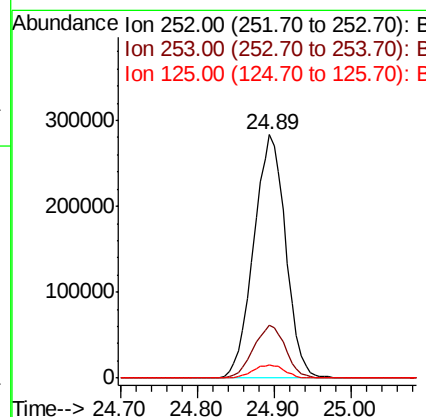
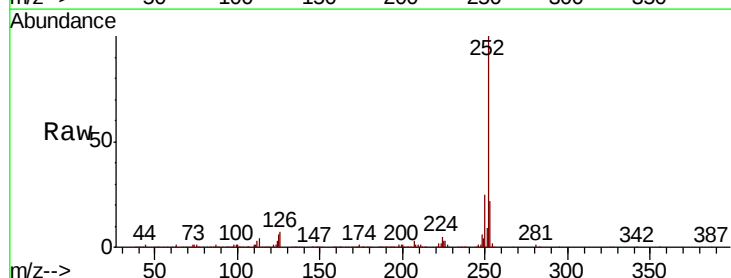
Instrument :
BNA_G
ClientSampleId :

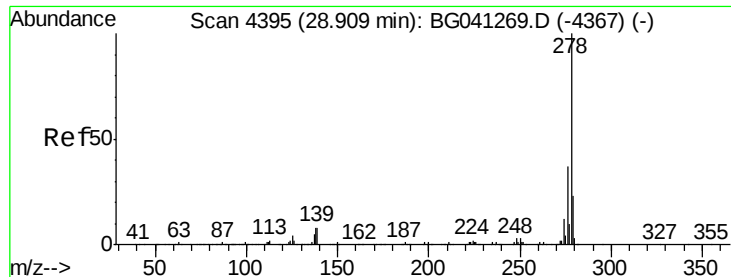
Tot Ion:252 Resp: 814353
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 5.2 4.3 6.5



#90
Benzo(a)pyrene
Concen: 48.149 ng
RT: 24.89 min Scan# 3711
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion:252 Resp: 821185
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 5.5 4.2 6.4

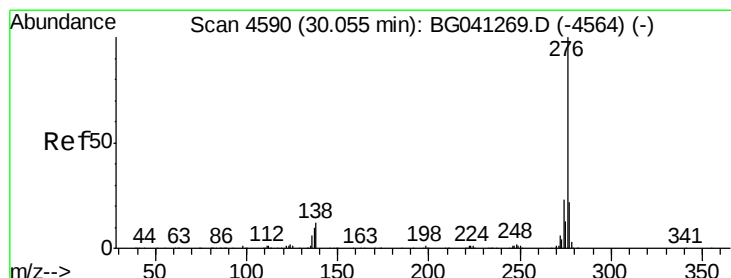
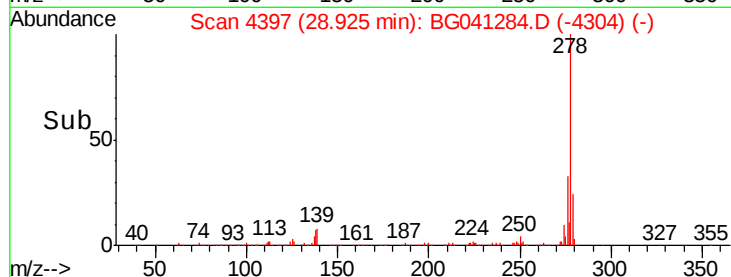
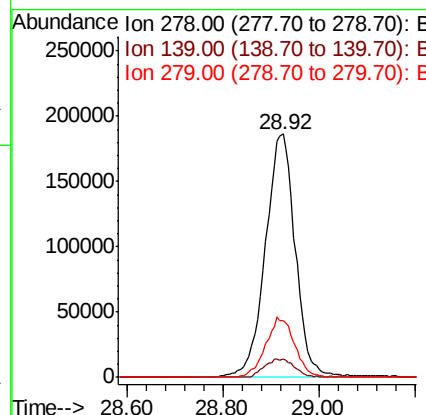
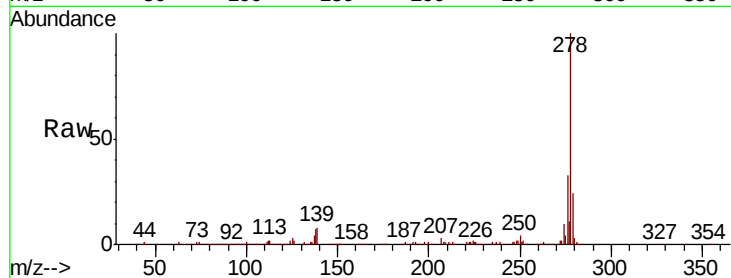




#91
Dibenzo(a,h)anthracene
Concen: 46.945 ng
RT: 28.92 min Scan# 4397
Delta R.T. 0.02 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.7	6.6	10.0
279	23.6	18.5	27.7



#92
Benzo(g,h,i)perylene
Concen: 47.467 ng
RT: 30.06 min Scan# 4590
Delta R.T. 0.00 min
Lab File: BG041284.D
Acq: 17 Jun 2019 23:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	12.1	9.4	14.0

