

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
 Data File : BG045137.D
 Acq On : 22 Apr 2020 22:06
 Operator : CG/JU
 Sample : L2327-30MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 23 02:20:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 12:56:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	82174	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	323471	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	221163	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	487004	20.00	ng	0.00
76) Chrysene-d12	21.67	240	442261	20.00	ng	0.00
87) Perylene-d12	24.85	264	485160	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	730667	146.80	ng	0.00
7) Phenol-d6	7.18	99	1034710	139.92	ng	0.00
23) Nitrobenzene-d5	9.18	82	682113	96.22	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	483957	141.65	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1492516	98.95	ng	0.00
79) Terphenyl-d14	20.01	244	2183105	107.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	87613	39.608	ng	98
3) Pyridine	3.87	79	258459	37.949	ng	100
4) n-Nitrosodimethylamine	3.78	42	105766	50.693	ng	# 94
6) Aniline	7.34	93	331973	34.526	ng	98
8) 2-Chlorophenol	7.58	128	307320	57.450	ng	99
9) Benzaldehyde	7.14	77	148079	33.896	ng	96
10) Phenol	7.21	94	412445	55.734	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	282195	47.896	ng	96
12) 1,3-Dichlorobenzene	7.91	146	327383	51.937	ng	98
13) 1,4-Dichlorobenzene	8.05	146	327179	52.090	ng	96
14) 1,2-Dichlorobenzene	8.37	146	307470	51.168	ng	95
15) Benzyl Alcohol	8.25	79	312841	50.456	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	259192	44.815	ng	93
17) 2-Methylphenol	8.47	107	276767	48.474	ng	95
18) Hexachloroethane	9.11	117	123871	52.460	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	242812	46.428	ng	97
20) 3+4-Methylphenols	8.79	107	378625	47.377	ng	98
22) Acetophenone	8.84	105	454260	51.930	ng	# 99
24) Nitrobenzene	9.22	77	385741	53.083	ng	98
25) Isophorone	9.75	82	677906	46.695	ng	98
26) 2-Nitrophenol	9.93	139	176256	56.310	ng	97
27) 2,4-Dimethylphenol	10.00	122	278416	56.058	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	384584	50.419	ng	99
29) 2,4-Dichlorophenol	10.47	162	322779	56.284	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	352202	54.243	ng	97
31) Naphthalene	10.87	128	931853	52.661	ng	98
32) Benzoic acid	10.16	122	216399	53.147	ng	99
33) 4-Chloroaniline	10.97	127	123212	14.930	ng	98
34) Hexachlorobutadiene	11.17	225	244222	54.860	ng	98
35) Caprolactam	11.76	113	63284	27.727	ng	98
36) 4-Chloro-3-methylphenol	12.11	107	350455	52.020	ng	98
37) 2-Methylnaphthalene	12.48	142	705345	51.354	ng	96
38) 1-Methylnaphthalene	12.70	142	663961	51.206	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	402341	56.502	ng	99

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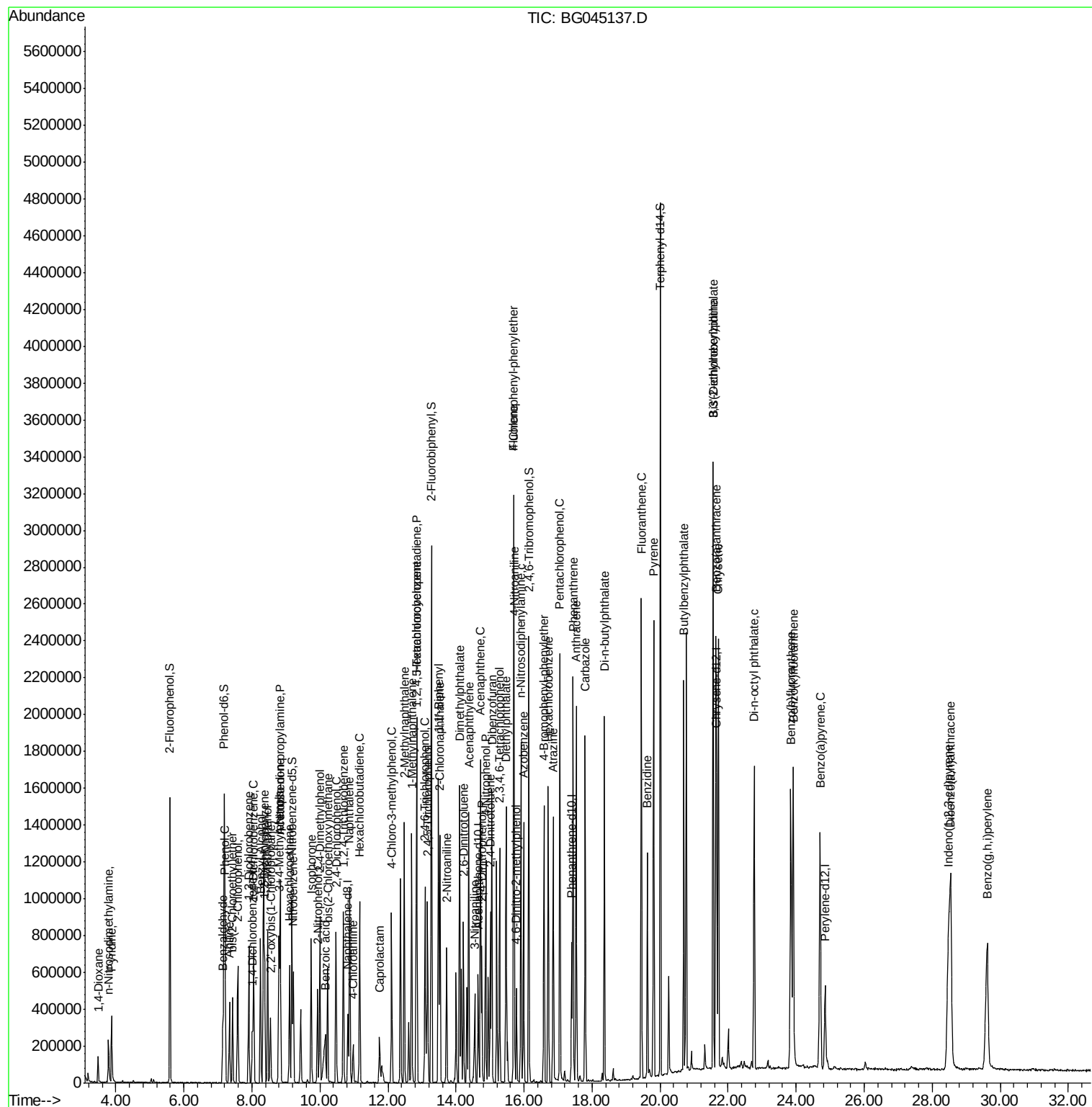
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	457620	102.821	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	287371	57.181	nq	99
44) 2,4,5-Trichlorophenol	13.17	196	297057	51.928	nq	99
46) 1,1'-Biphenyl	13.49	154	876687	52.153	nq	99
47) 2-Chloronaphthalene	13.53	162	691726	53.854	nq	100
48) 2-Nitroaniline	13.72	65	214820	50.832	nq	98
49) Acenaphthylene	14.38	152	1099214	52.539	nq	98
50) Dimethylphthalate	14.11	163	1120851	62.242	nq	98
51) 2,6-Dinitrotoluene	14.22	165	206865	51.358	nq	95
52) Acenaphthene	14.72	154	682222	48.194	nq	98
53) 3-Nitroaniline	14.55	138	131816	29.838	nq	99
54) 2,4-Dinitrophenol	14.76	184	186391	77.822	nq	92
55) Dibenzofuran	15.05	168	1057030	51.218	nq	97
56) 4-Nitrophenol	14.87	139	335395	97.917	nq	95
57) 2,4-Dinitrotoluene	15.01	165	291883	49.586	nq	97
58) Fluorene	15.70	166	861201	51.088	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	283328	55.664	nq	99
60) Diethylphthalate	15.47	149	899583	47.913	nq	100
61) 4-Chlorophenyl-phenylether	15.69	204	485822	50.070	nq	99
62) 4-Nitroaniline	15.71	138	185773	40.544	nq	93
63) Azobenzene	15.98	77	874060	50.494	nq	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	140525	43.899	nq	99
66) n-Nitrosodiphenylamine	15.91	169	775770	55.442	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	334427	53.230	nq	97
68) Hexachlorobenzene	16.71	284	367781	56.443	nq	96
69) Atrazine	16.86	200	309902	62.590	nq	97
70) Pentachlorophenol	17.05	266	445122	111.356	nq	99
71) Phenanthrene	17.44	178	1333999	53.305	nq	99
72) Anthracene	17.53	178	1363827	54.328	nq	99
73) Carbazole	17.80	167	1242219	48.762	nq	99
74) Di-n-butylphthalate	18.36	149	1472311	54.355	nq	99
75) Fluoranthene	19.45	202	1604342	56.058	nq	98
77) Benzidine	19.63	184	772223	62.616	nq	97
78) Pyrene	19.81	202	1587826	52.078	nq	99
80) Butylbenzylphthalate	20.70	149	650083	51.437	nq	96
81) Benzo(a)anthracene	21.65	228	1536365	53.598	nq	100
82) 3,3'-Dichlorobenzidine	21.56	252	453868	39.781	nq	96
83) Chrysene	21.71	228	1473234	53.491	nq	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	910184	52.363	nq	100
85) Di-n-octyl phthalate	22.76	149	1531906	50.965	nq	100
86) Indeno(1,2,3-cd)pyrene	28.49	276	2003193	54.782	nq	97
88) Benzo(b)fluoranthene	23.85	252	1677678	55.205	nq	99
89) Benzo(k)fluoranthene	23.92	252	1575057	54.498	nq	98
90) Benzo(a)pyrene	24.71	252	1531536	53.376	nq	98
91) Dibenzo(a,h)anthracene	28.54	278	1624522	56.188	nq	97
92) Benzo(g,h,i)perylene	29.61	276	1584976	54.680	nq	98

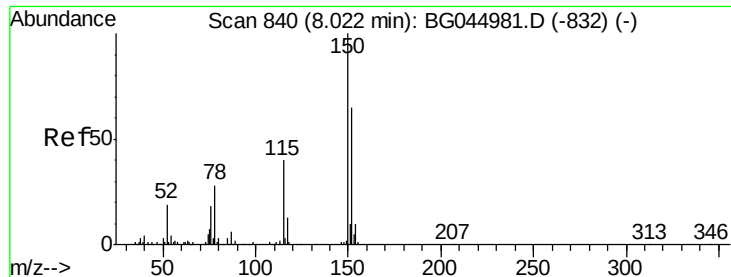
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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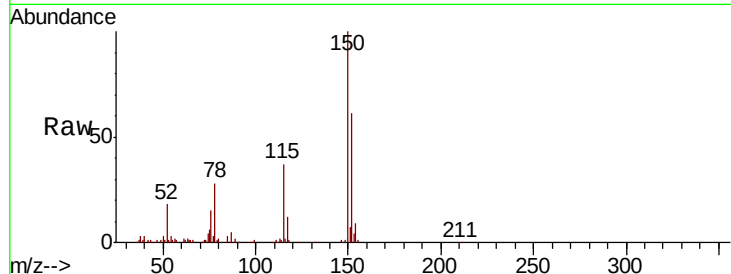


#1

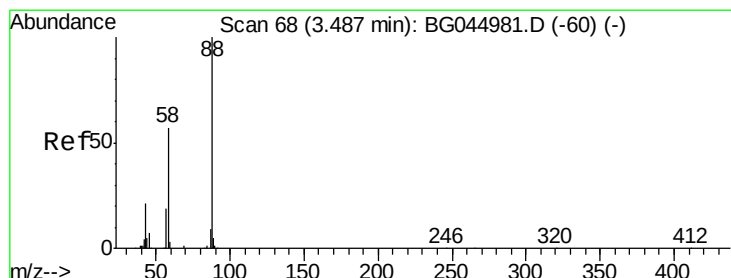
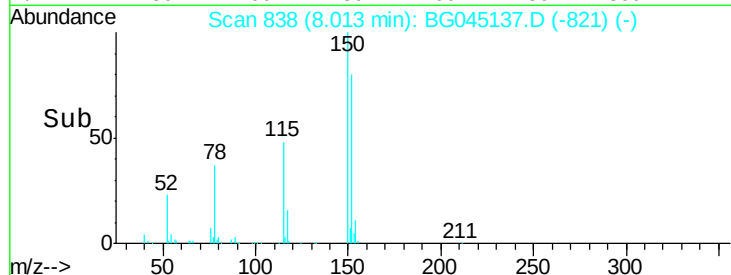
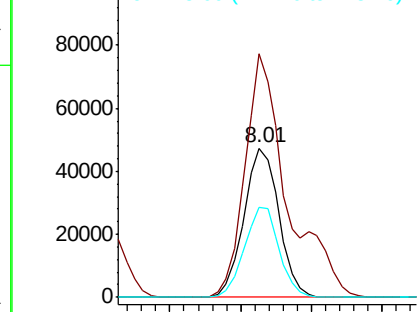
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 82174
Ion Ratio Lower Upper
152 100
150 163.4 123.6 185.4
115 60.0 49.1 73.7



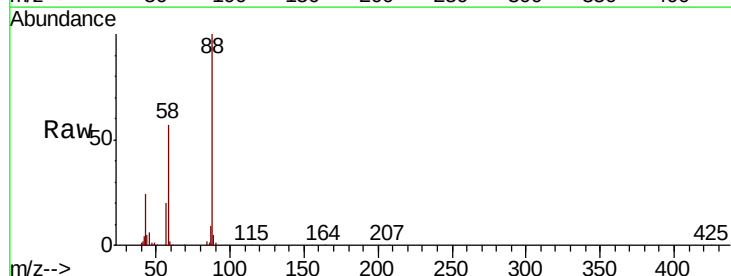
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



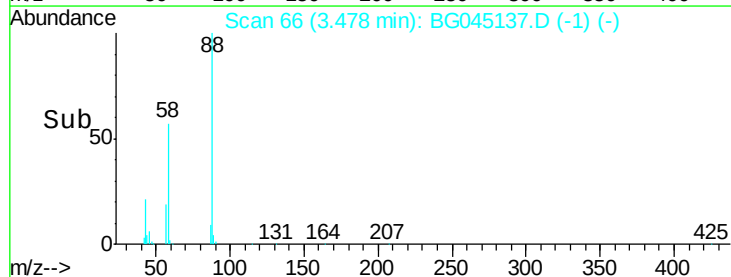
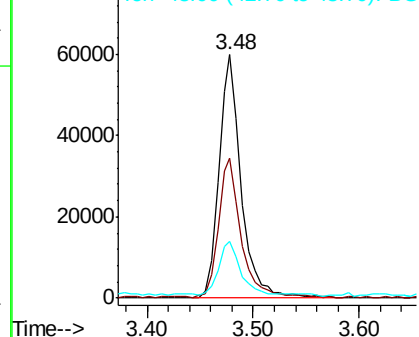
#2

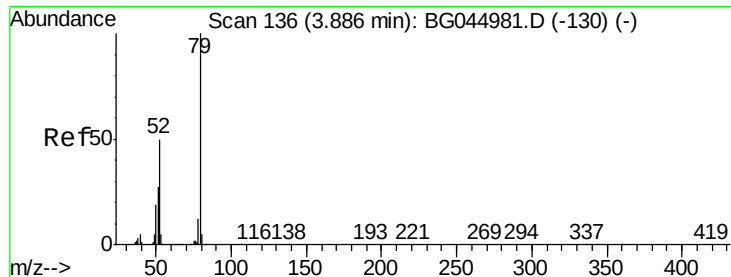
1,4-Dioxane
Concen: 39.608 ng
RT: 3.48 min Scan# 66
Delta R.T. -0.01 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion: 88 Resp: 87613
Ion Ratio Lower Upper
88 100
58 59.9 46.6 69.8
43 22.3 17.5 26.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.949 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampleId :

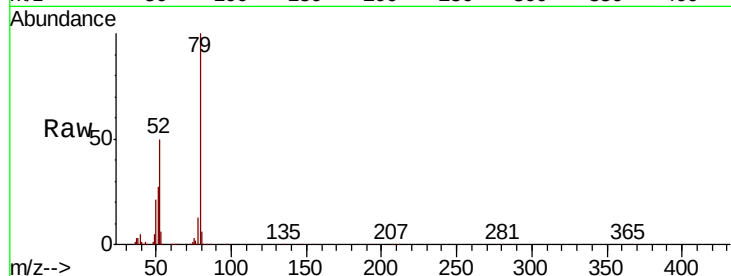
Tot Ion: 79 Resp: 258459

Ion Ratio Lower Upper

79 100

52 49.7 39.8 59.6

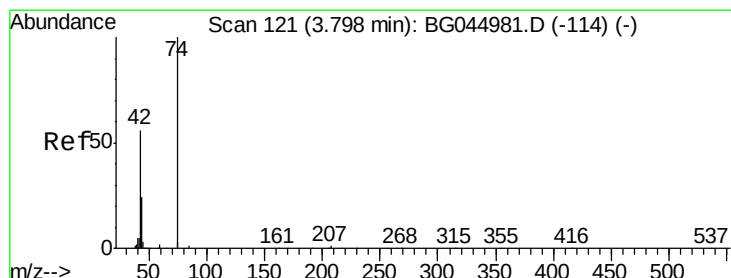
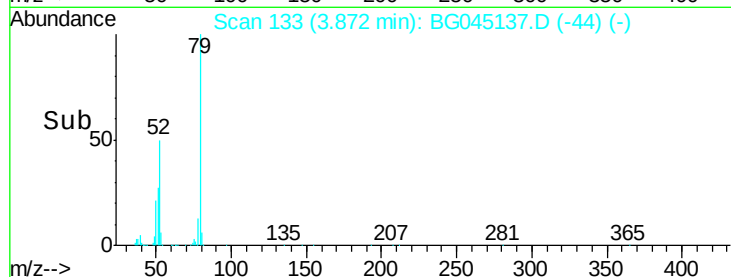
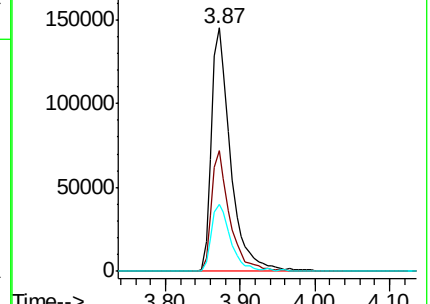
51 27.3 21.4 32.2



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 50.693 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

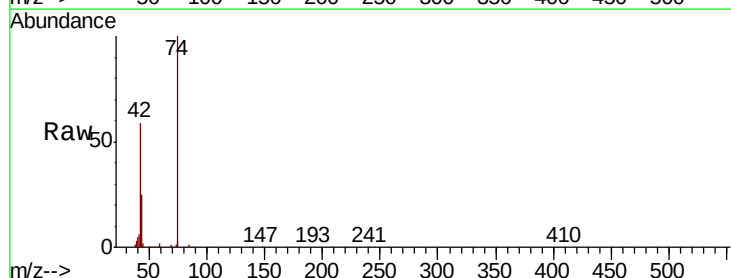
Tgt Ion: 42 Resp: 105766

Ion Ratio Lower Upper

42 100

74 170.0 143.0 214.6

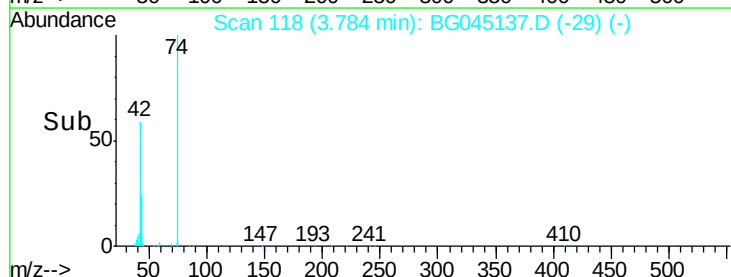
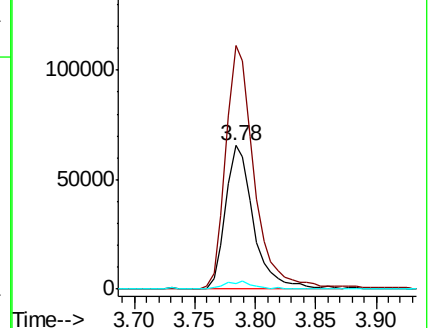
44 4.2 4.6 6.8#

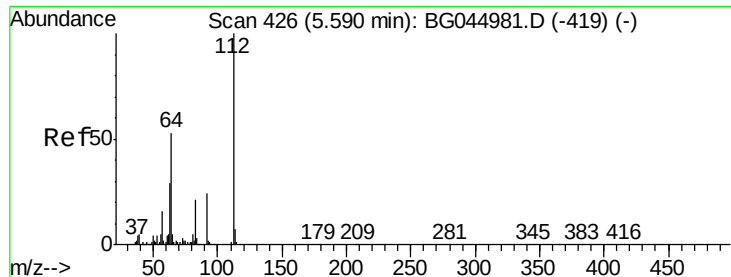


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 146.797 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampled :

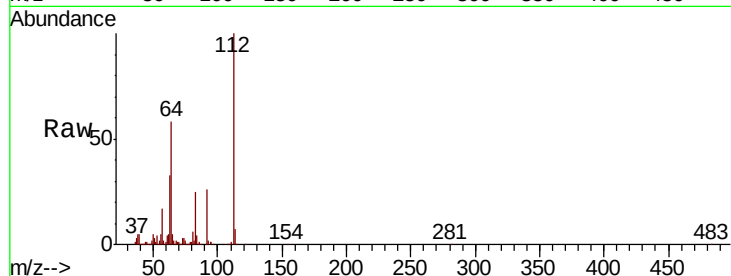
Tot Ion:112 Resp: 730667

Ion Ratio Lower Upper

112 100

64 58.1 42.4 63.6

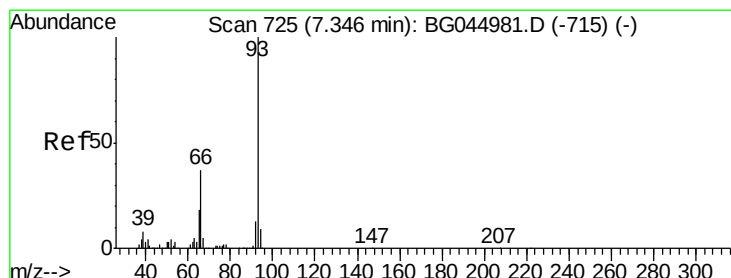
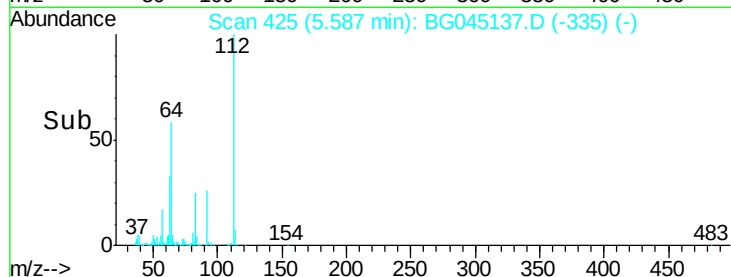
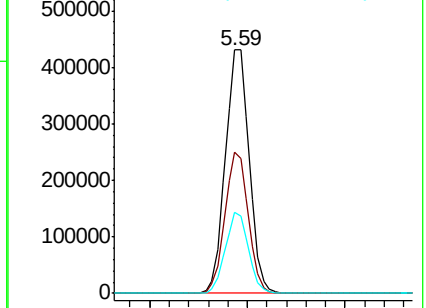
63 33.4 23.1 34.7



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: 34.526 ng

RT: 7.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

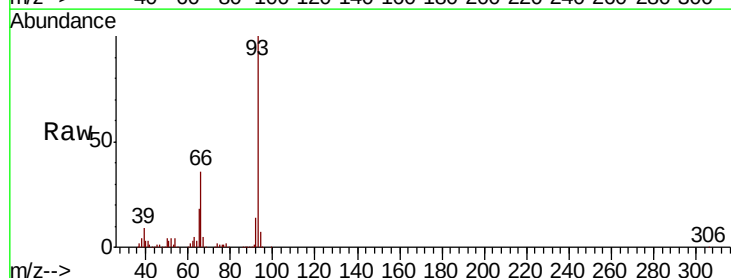
Tgt Ion: 93 Resp: 331973

Ion Ratio Lower Upper

93 100

66 36.1 29.8 44.8

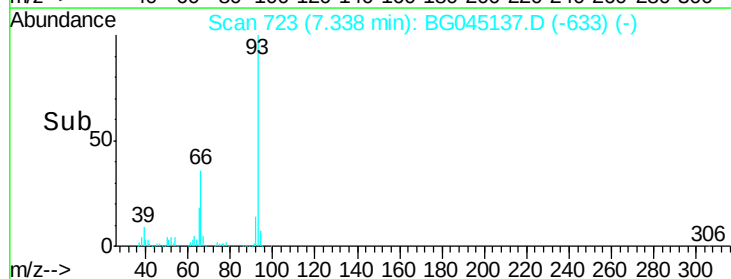
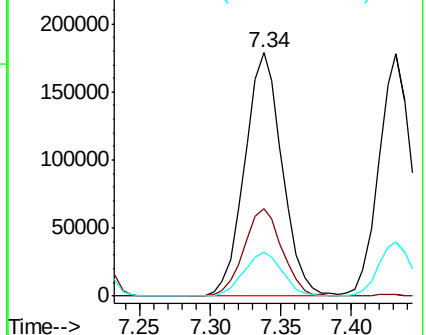
65 18.1 14.6 22.0

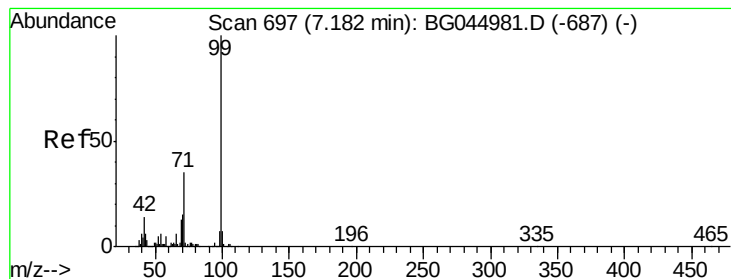


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.917 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

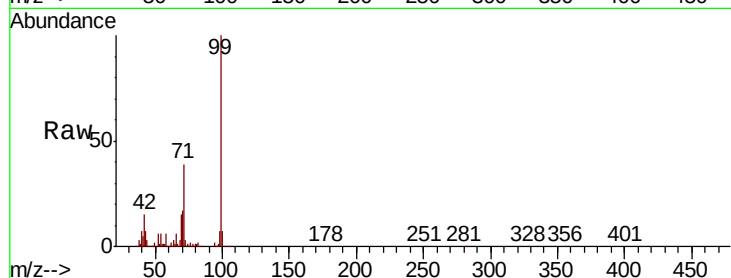
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1034710

Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.3	16.9
71	39.0	28.3	42.5

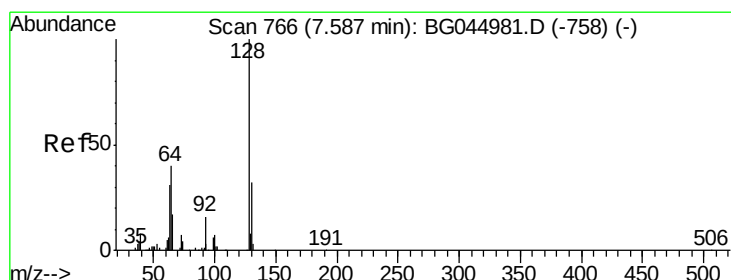
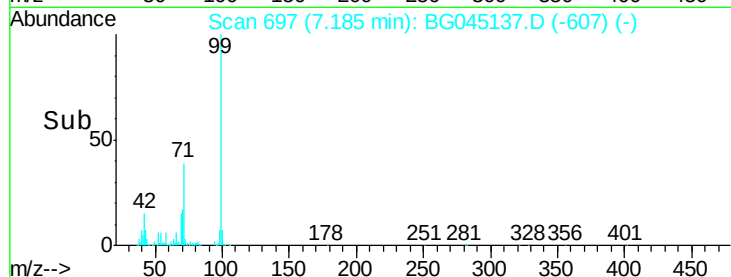
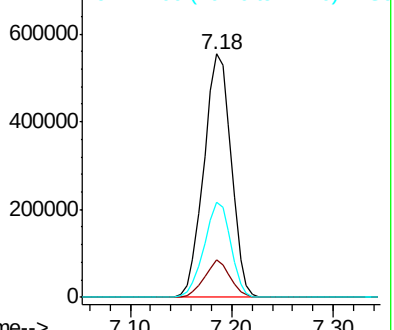


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 57.450 ng

RT: 7.58 min Scan# 765

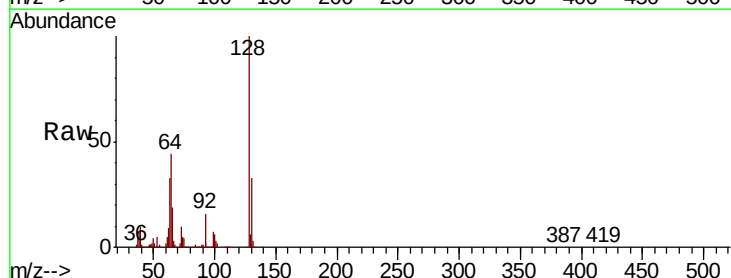
Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Tgt Ion: 128 Resp: 307320

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.3	52.3
64	44.2	24.4	64.4

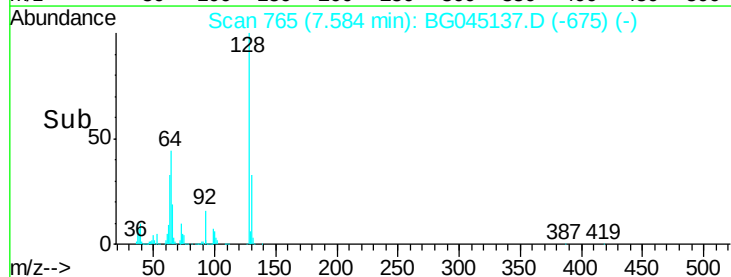
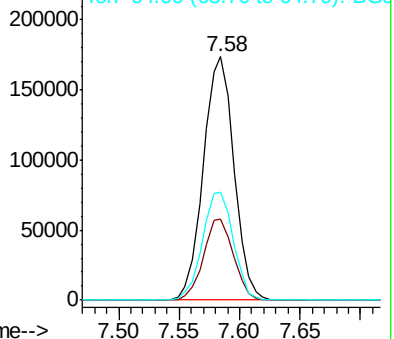


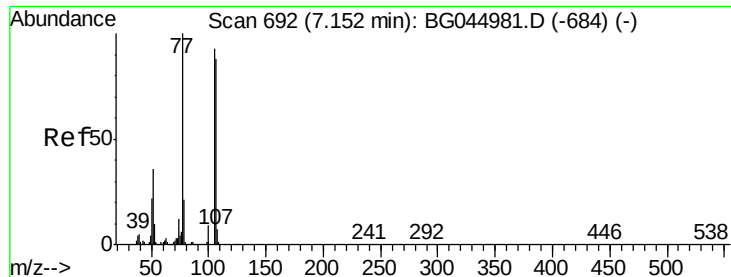
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 33.896 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

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ClientSampleId :

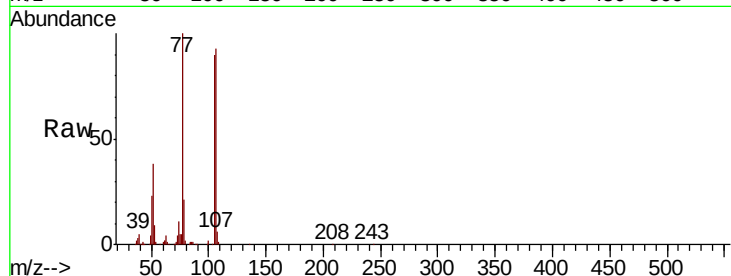
Tot Ion: 77 Resp: 148079

Ion Ratio Lower Upper

77 100

105 90.2 72.9 112.9

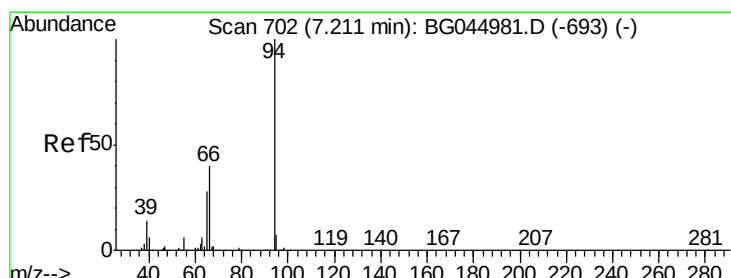
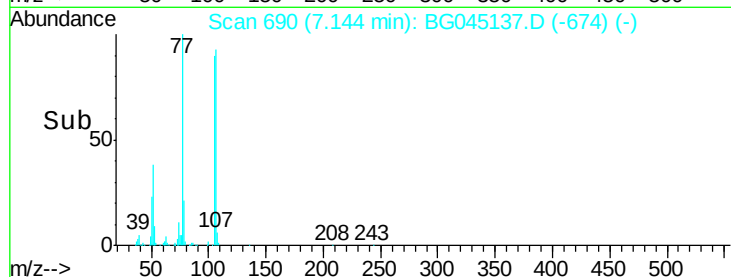
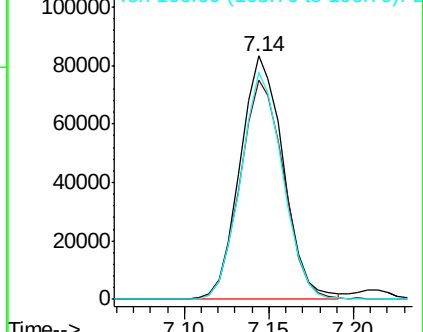
106 93.4 67.6 107.6



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: 55.734 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

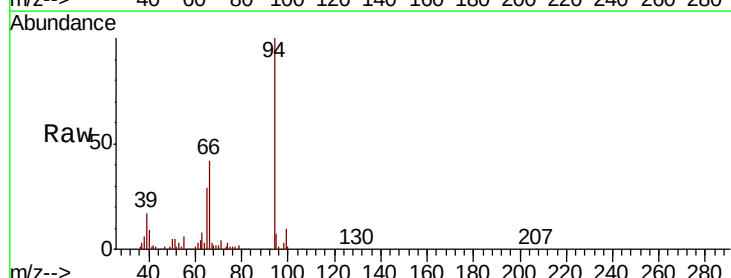
Tgt Ion: 94 Resp: 412445

Ion Ratio Lower Upper

94 100

65 29.1 8.2 48.2

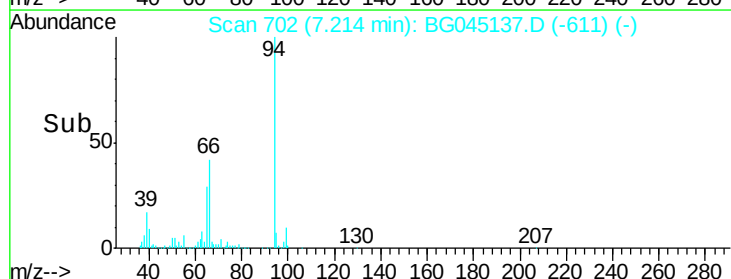
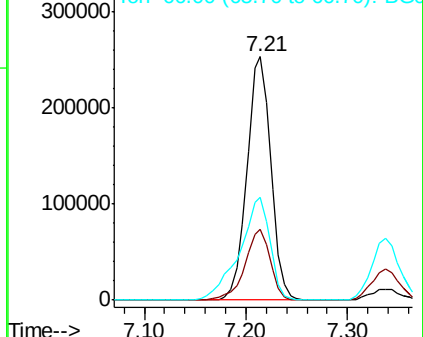
66 42.4 20.4 60.4

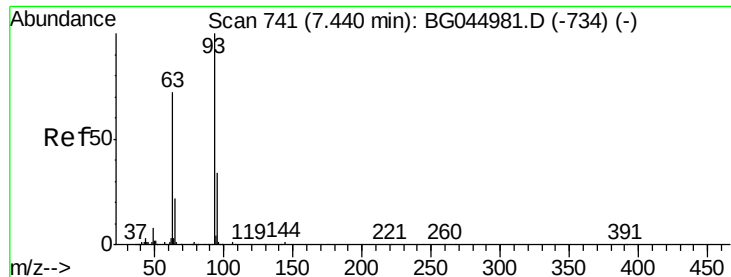


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

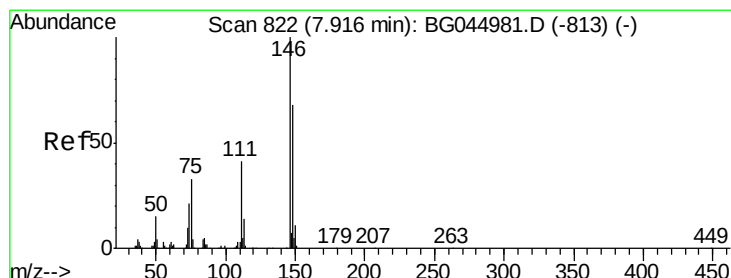
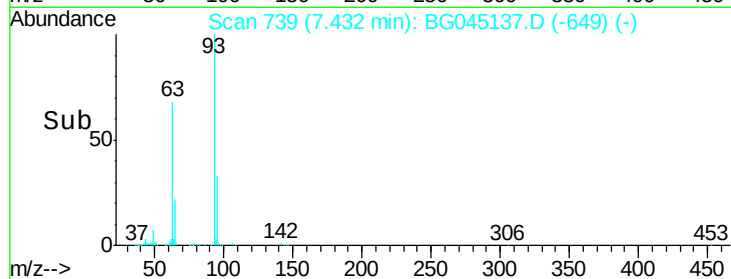
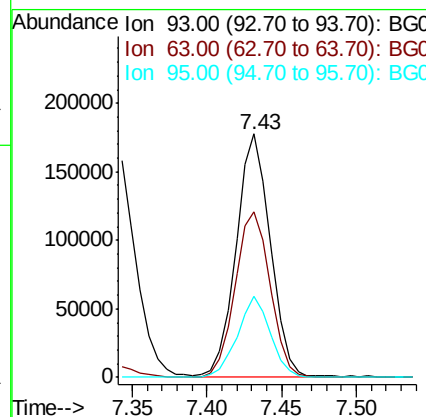
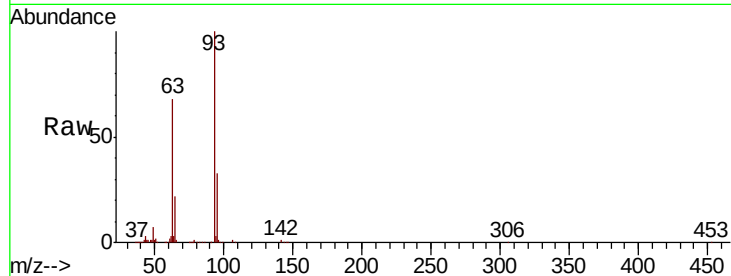




#11
bis(2-Chloroethyl)ether
Concen: 47.896 ng
RT: 7.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

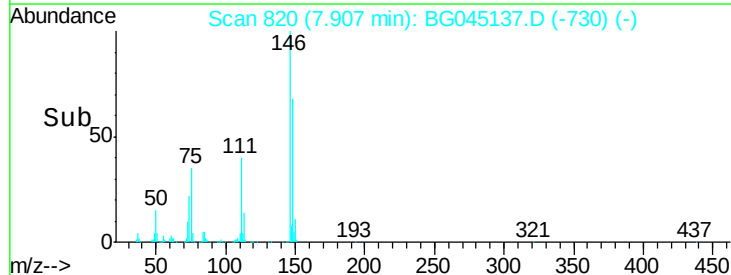
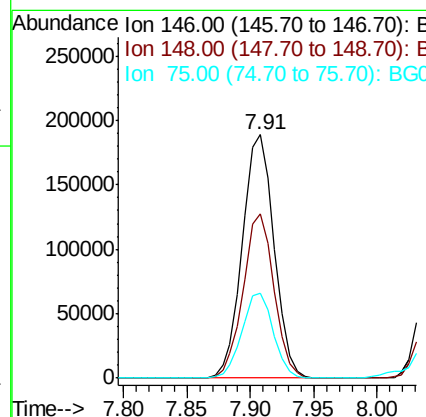
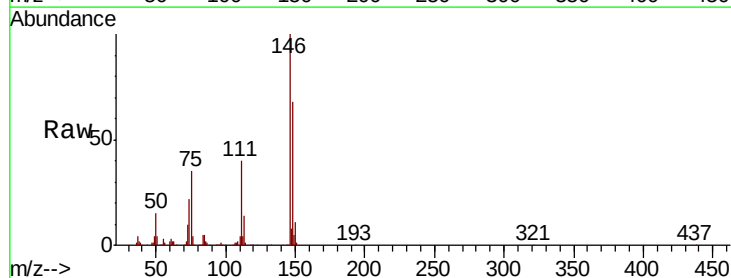
Instrument :
BNA_G
ClientSampleId :

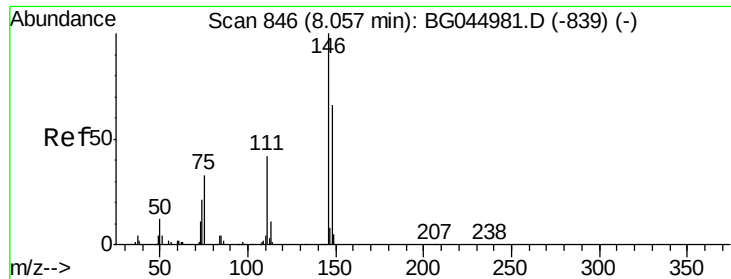
Tot Ion	Ratio	Lower	Upper
93	100		
63	67.9	51.8	91.8
95	33.1	13.8	53.8



#12
1,3-Dichlorobenzene
Concen: 51.937 ng
RT: 7.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	54.6	81.8
75	34.9	26.0	39.0

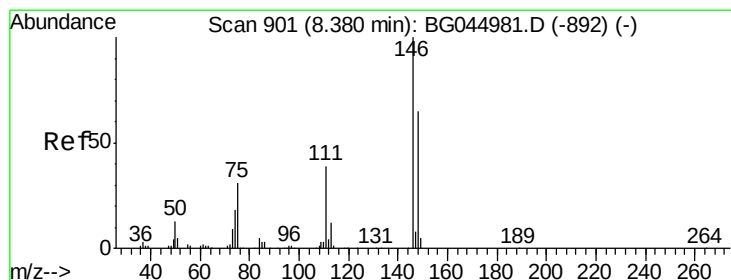
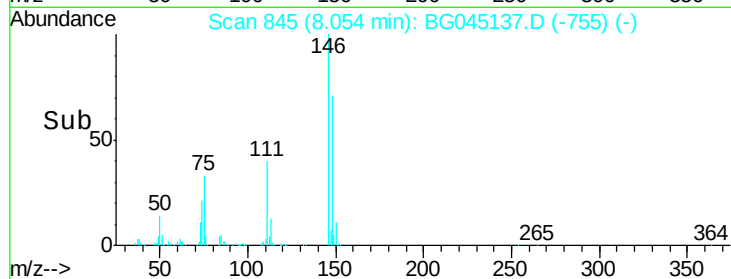
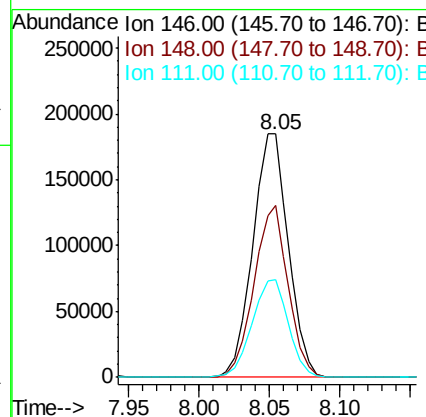
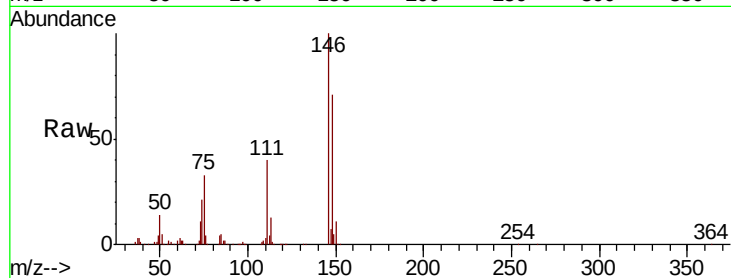




#13
 1,4-Dichlorobenzene
 Concen: 52.090 ng
 RT: 8.05 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

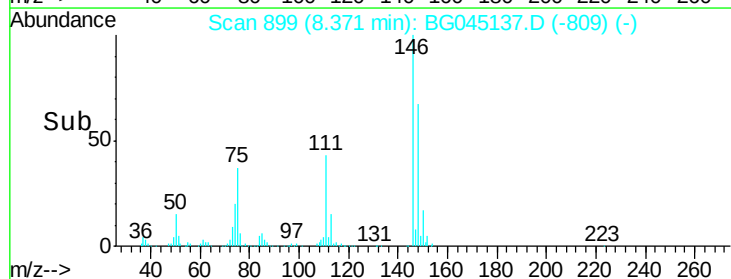
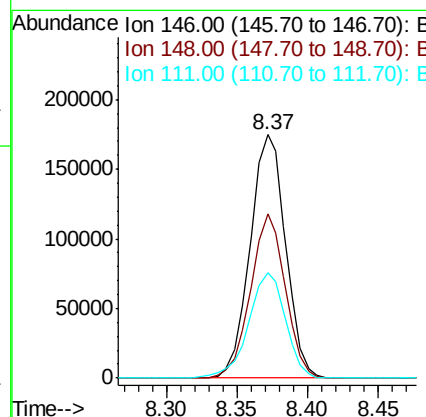
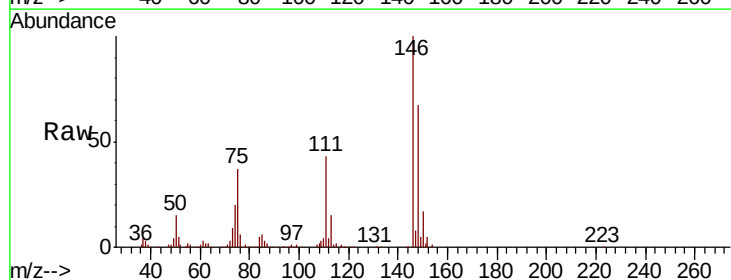
Instrument :
 BNA_G
 ClientSampleId :

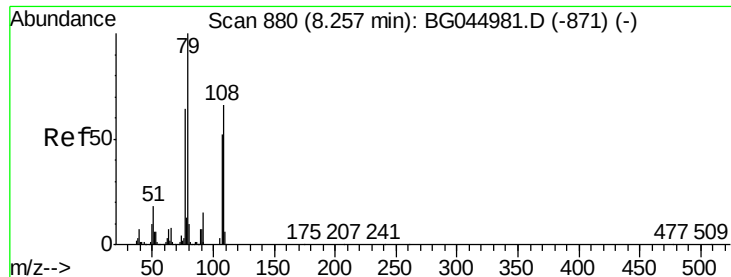
Tot Ion	Ratio	Lower	Upper
146	100		
148	70.6	53.3	79.9
111	40.3	33.8	50.8



#14
 1,2-Dichlorobenzene
 Concen: 51.168 ng
 RT: 8.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	51.9	77.9
111	43.2	31.3	46.9

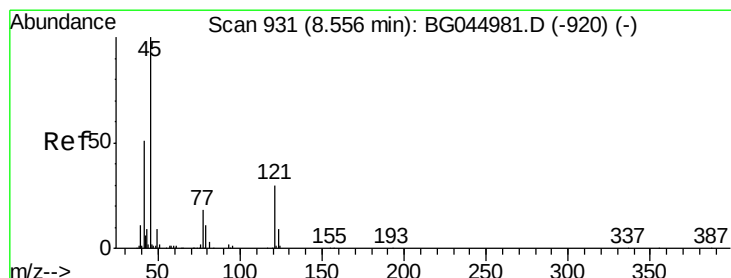
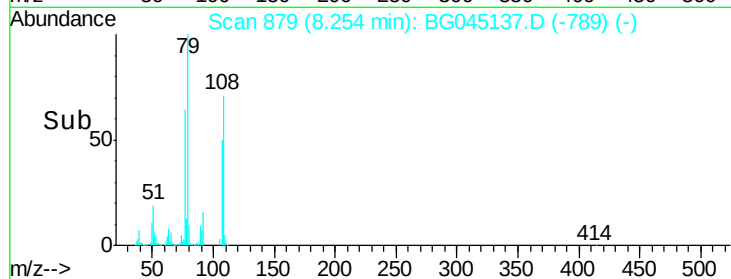
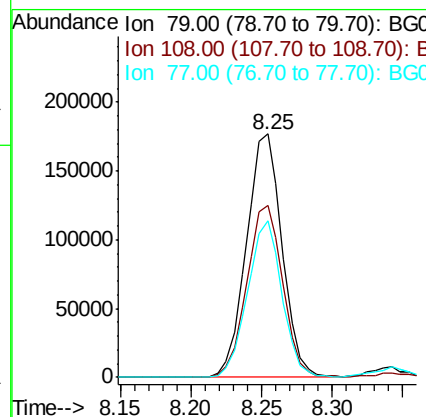
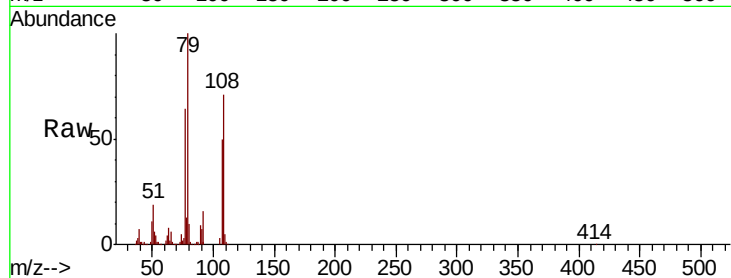




#15
Benzyl Alcohol
Concen: 50.456 ng
RT: 8.25 min Scan# 879
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

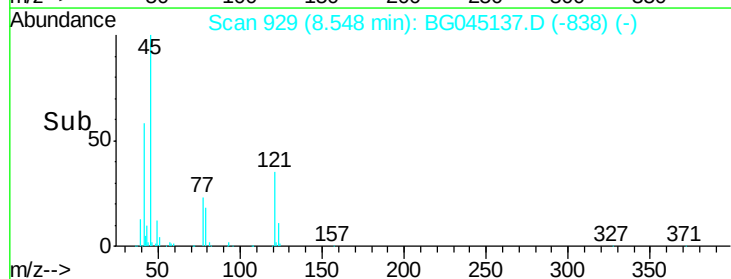
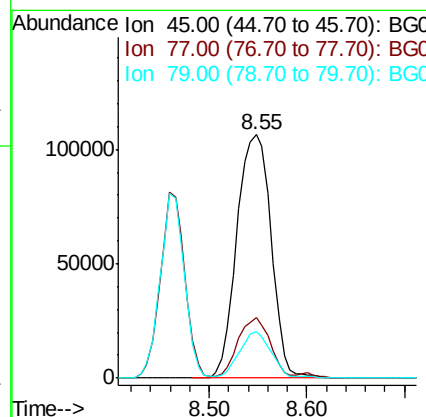
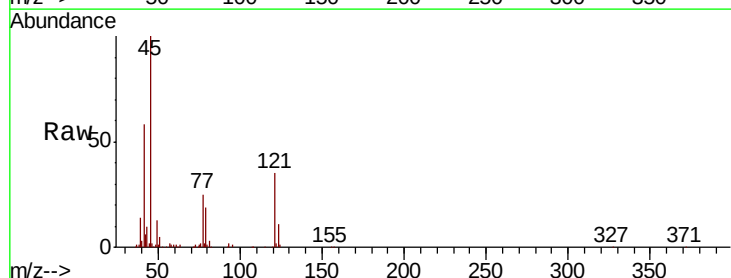
Instrument :
BNA_G
ClientSampleId :

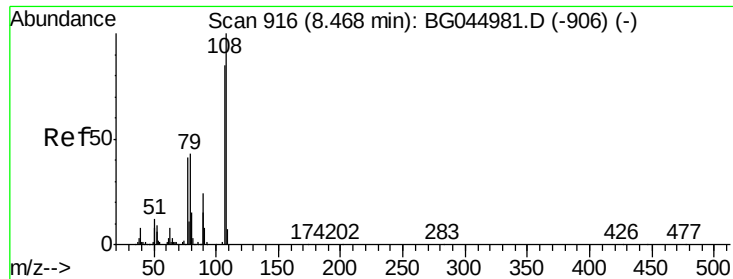
Tot Ion: 79 Resp: 312841
Ion Ratio Lower Upper
79 100
108 70.7 52.7 79.1
77 64.1 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.815 ng
RT: 8.55 min Scan# 929
Delta R.T. 0.01 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion: 45 Resp: 259192
Ion Ratio Lower Upper
45 100
77 24.8 1.9 41.9
79 19.1 0.0 35.5





#17

2-Methylphenol

Concen: 48.474 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 276767

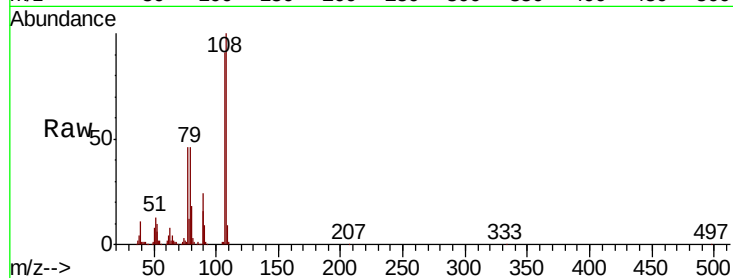
Ion Ratio Lower Upper

107 100

108 110.1 93.8 140.6

77 51.2 38.5 57.7

79 50.8 40.1 60.1

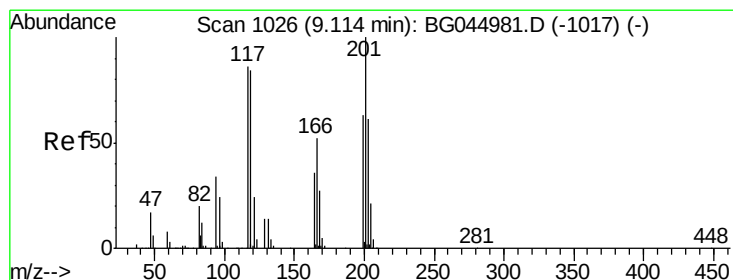
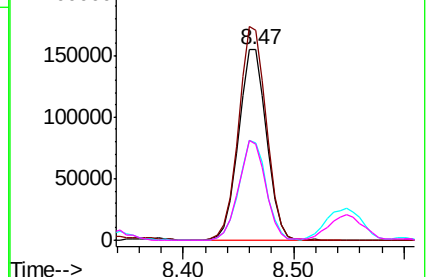
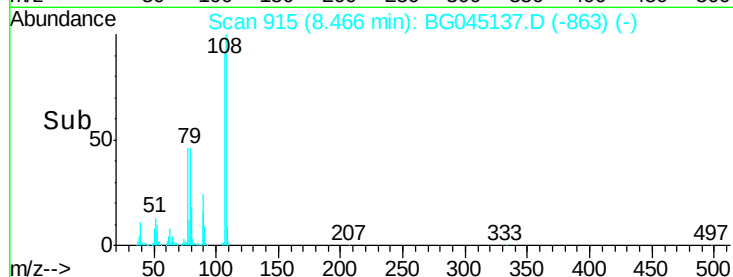


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 52.460 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

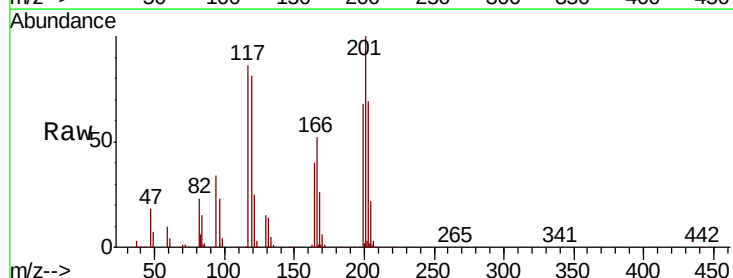
Tgt Ion:117 Resp: 123871

Ion Ratio Lower Upper

117 100

119 94.7 78.3 117.5

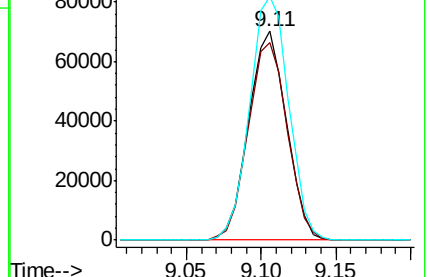
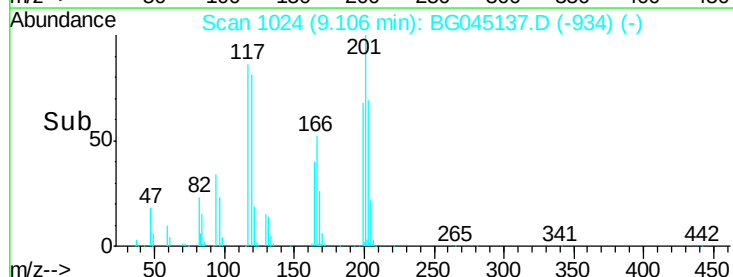
201 116.6 92.9 139.3

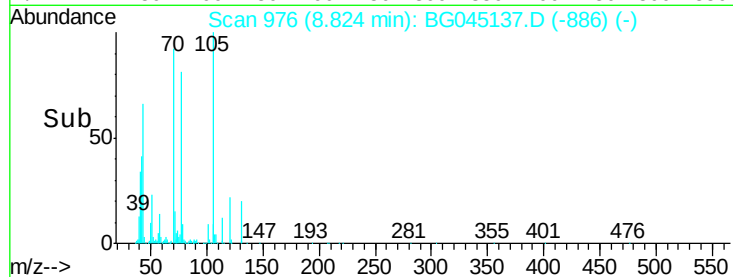
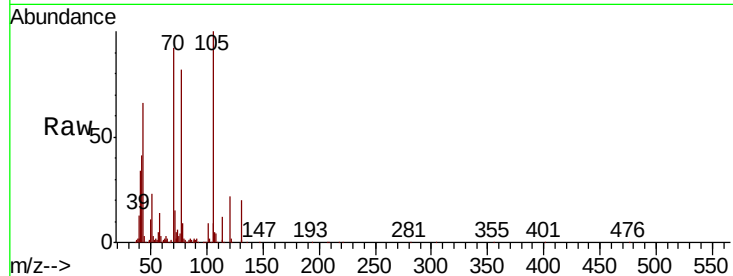
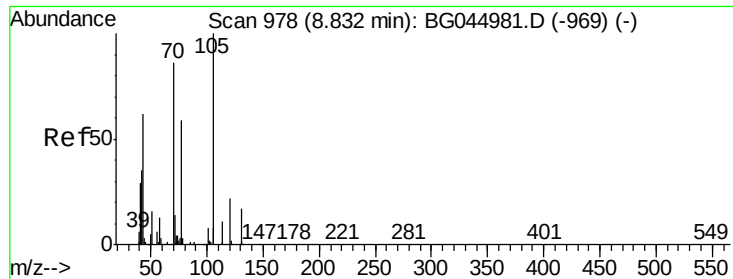


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

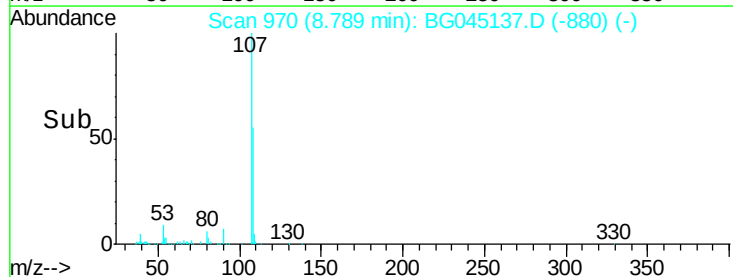
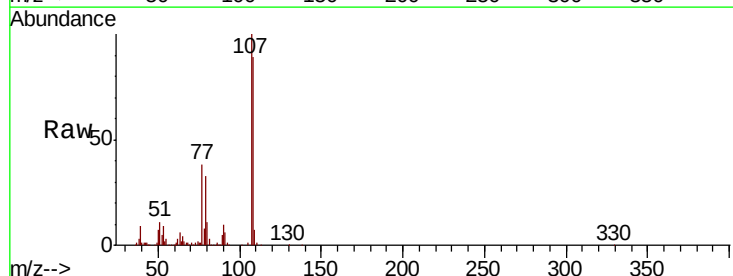
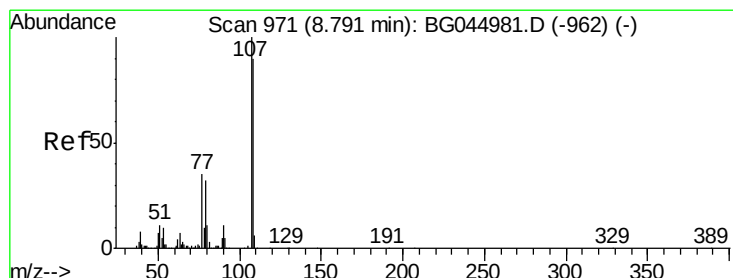
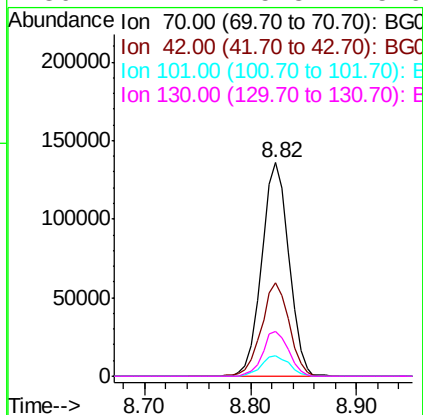




#19
n-Nitroso-di-n-propylamine
Concen: 46.428 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

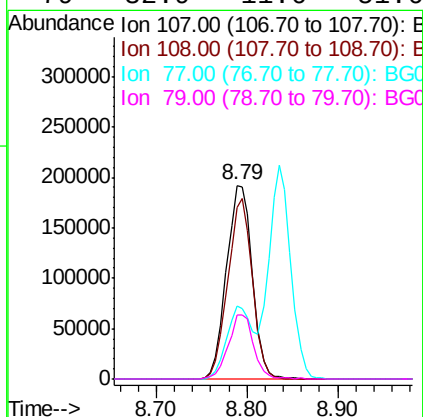
Instrument :
BNA_G
ClientSampleId :

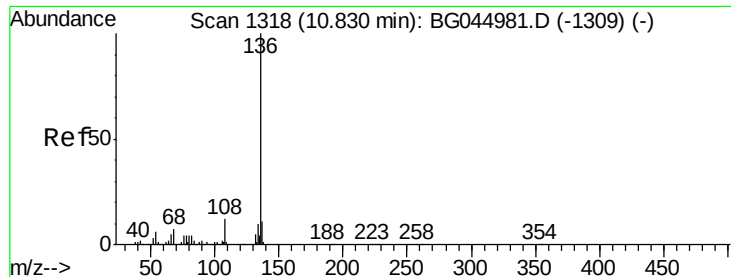
Tot Ion:	70	Resp:	242812
Ion	Ratio	Lower	Upper
70	100		
42	43.9	33.3	49.9
101	9.4	7.8	11.8
130	21.1	15.8	23.6



#20
3+4-Methylphenols
Concen: 47.377 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion:	107	Resp:	378625
Ion	Ratio	Lower	Upper
107	100		
108	88.9	69.9	109.9
77	37.5	15.2	55.2
79	32.9	11.6	51.6

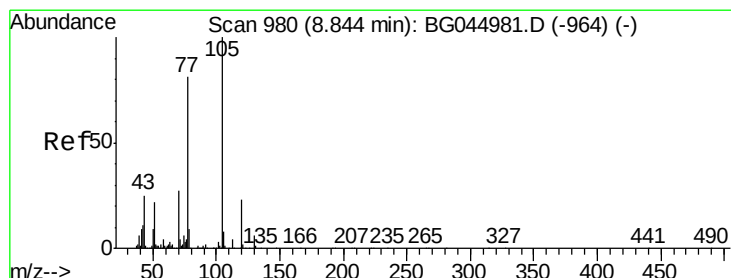
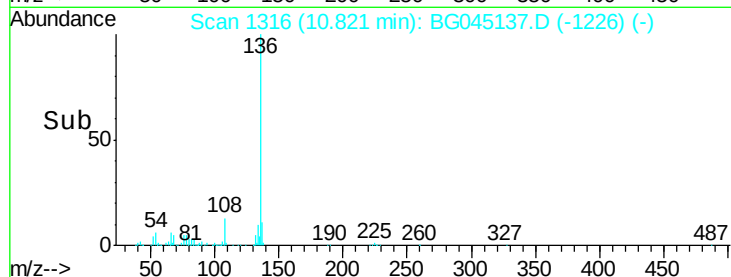
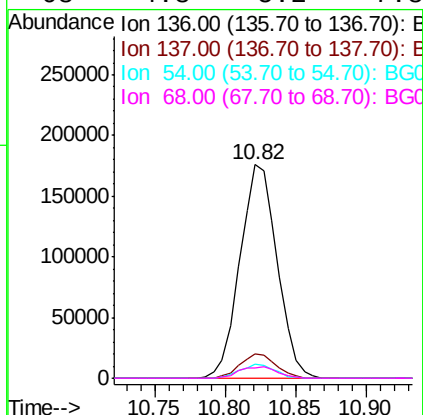
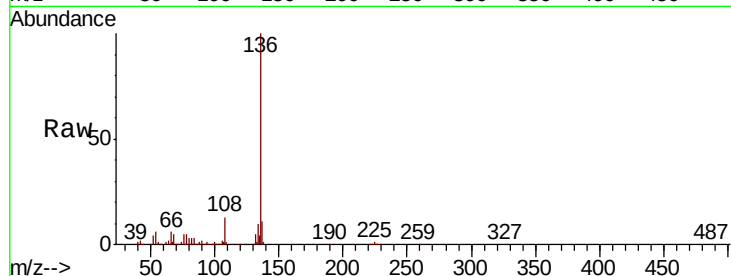




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

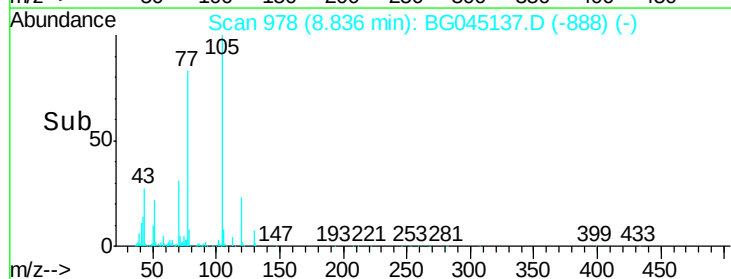
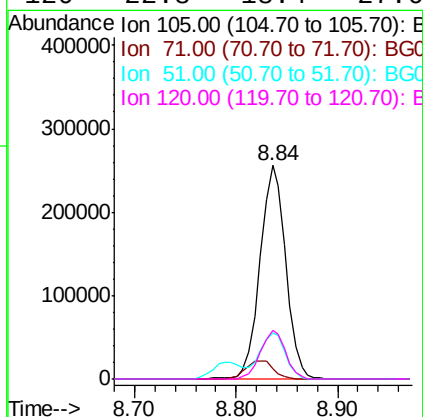
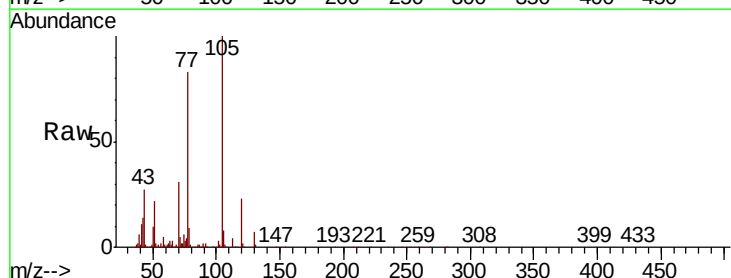
Instrument :
BNA_G
ClientSampleId :

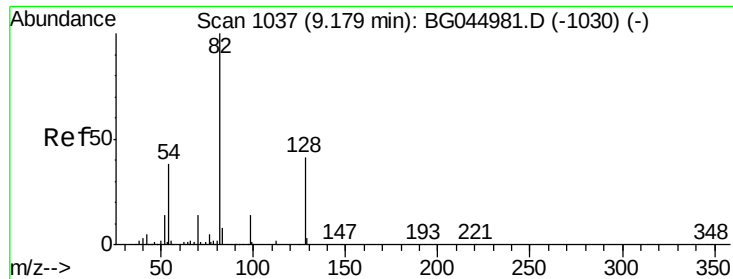
Tot Ion:136	Resp:	323471
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.6 13.0
54	6.4	4.8 7.2
68	4.8	5.2 7.8#



#22
Acetophenone
Concen: 51.930 ng
RT: 8.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion:105	Resp:	454260
Ion Ratio	Lower	Upper
105	100	
71	5.0	3.3 4.9#
51	21.7	17.3 25.9
120	22.8	18.4 27.6

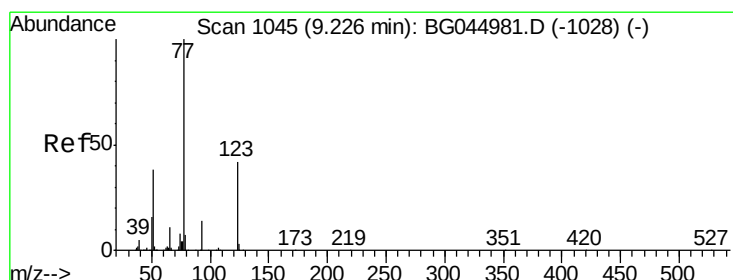
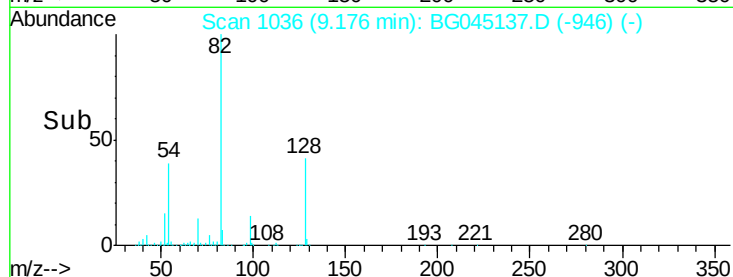
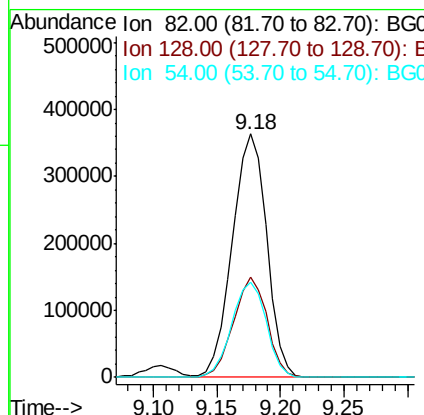
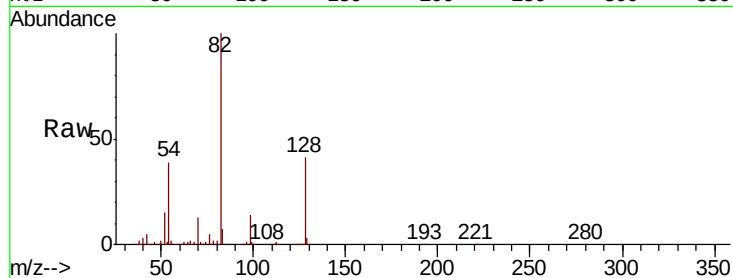




#23
 Nitrobenzene-d5
 Concen: 96.219 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

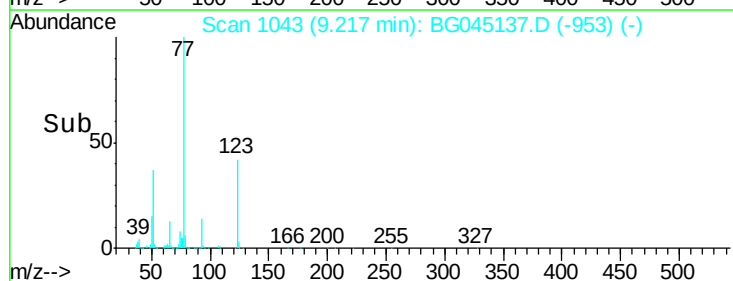
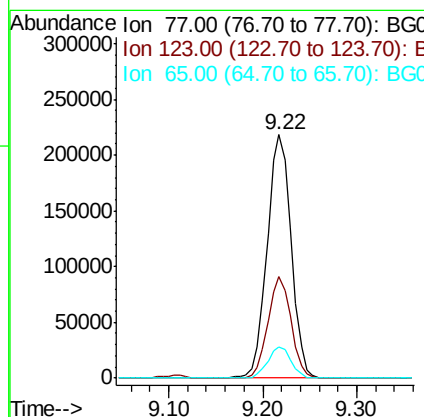
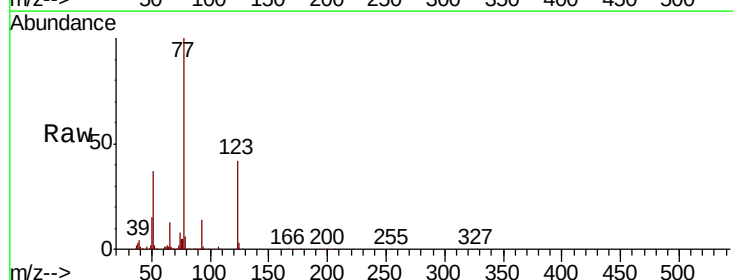
Instrument :
 BNA_G
 ClientSampleId :

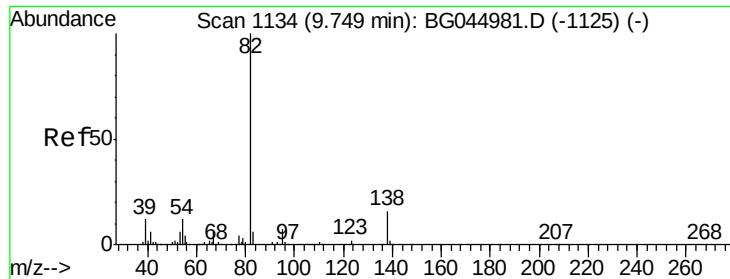
Tot Ion	82	Resp	682113
Ion Ratio	Lower	Upper	
82	100		
128	41.3	33.0	49.4
54	39.3	30.4	45.6



#24
 Nitrobenzene
 Concen: 53.083 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion	77	Resp	385741
Ion Ratio	Lower	Upper	
77	100		
123	41.8	34.3	51.5
65	12.9	8.9	13.3





#25

Isophorone

Concen: 46.695 ng

RT: 9.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampleId :

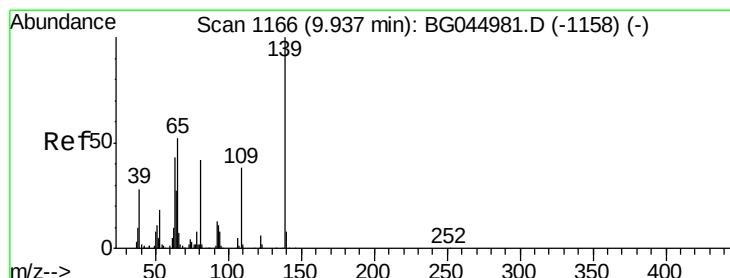
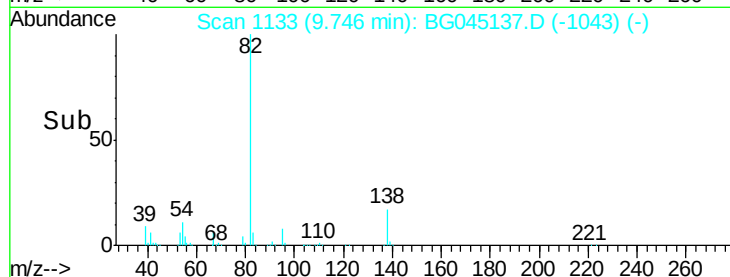
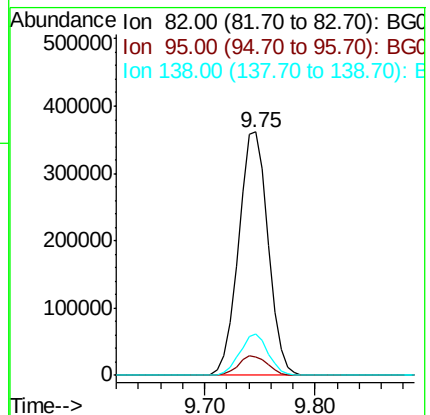
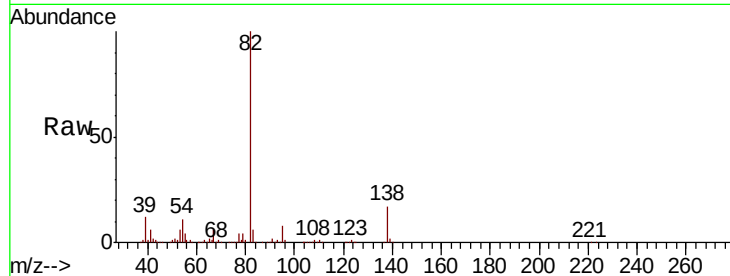
Tot Ion: 82 Resp: 677906

Ion Ratio Lower Upper

82 100

95 7.8 6.0 9.0

138 17.2 12.7 19.1



#26

2-Nitrophenol

Concen: 56.310 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

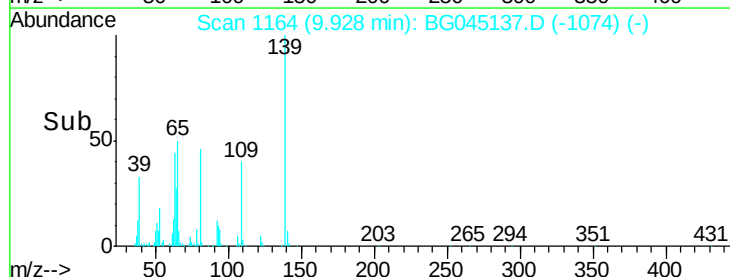
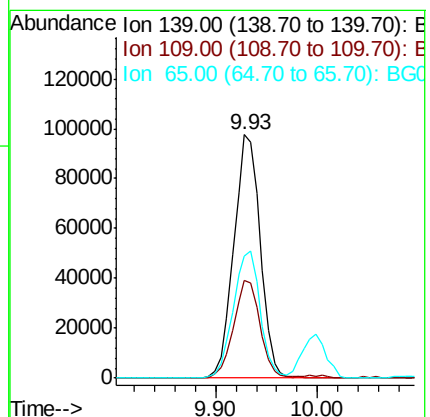
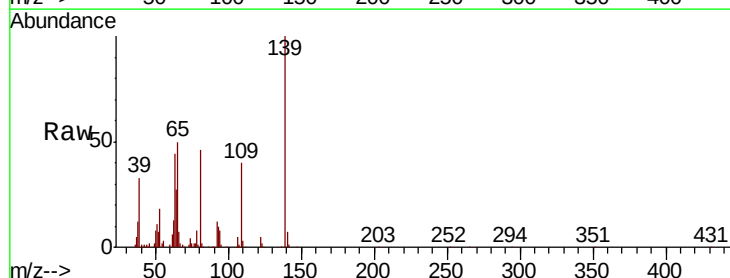
Tgt Ion: 139 Resp: 176256

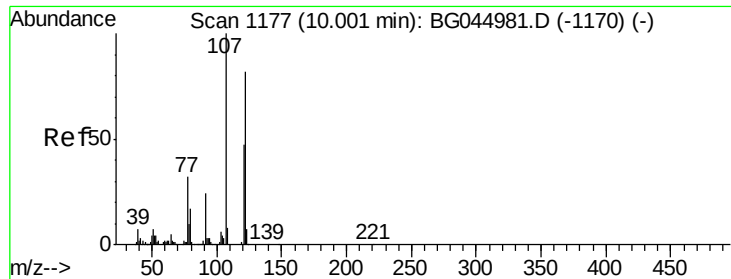
Ion Ratio Lower Upper

139 100

109 40.2 30.6 45.8

65 50.3 41.8 62.6

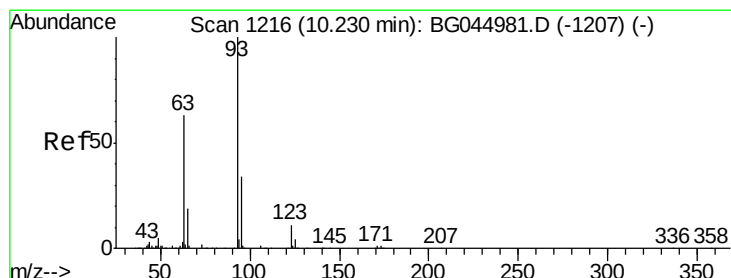
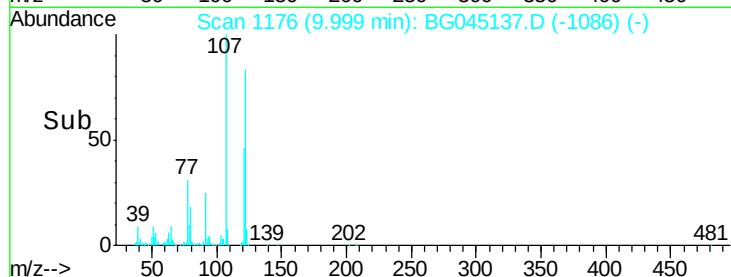
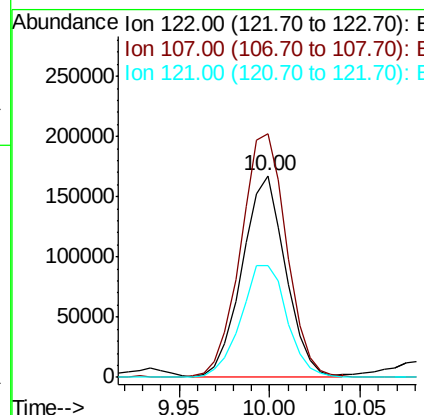
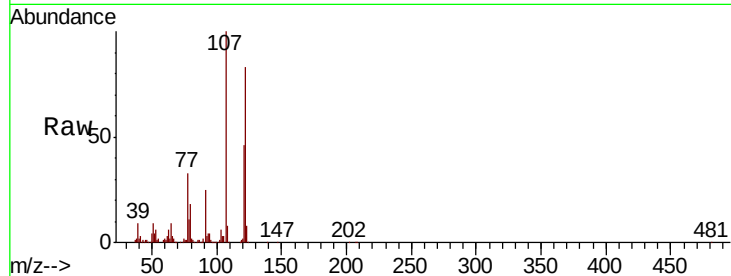




#27
2,4-Dimethylphenol
Concen: 56.058 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

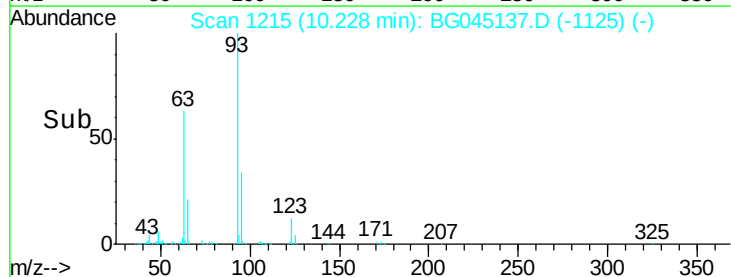
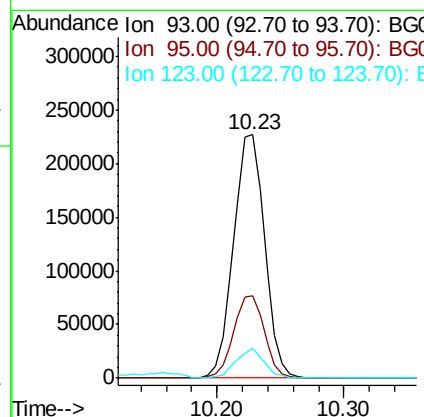
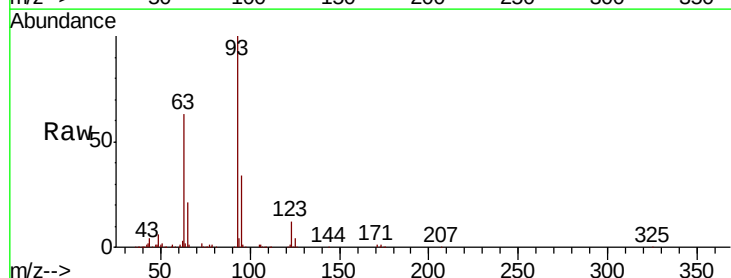
Instrument :
BNA_G
ClientSampled :

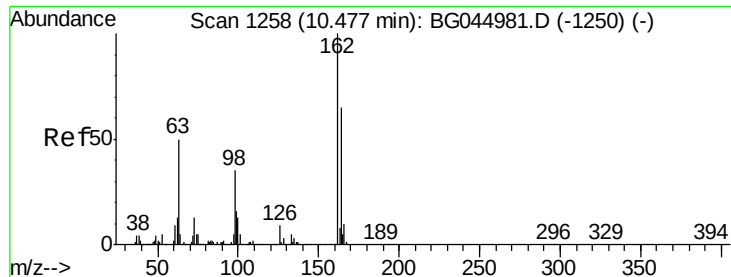
Tot Ion:122 Resp: 278416
Ion Ratio Lower Upper
122 100
107 120.6 96.8 145.2
121 55.4 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 50.419 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion: 93 Resp: 384584
Ion Ratio Lower Upper
93 100
95 33.9 27.0 40.4
123 12.0 8.7 13.1

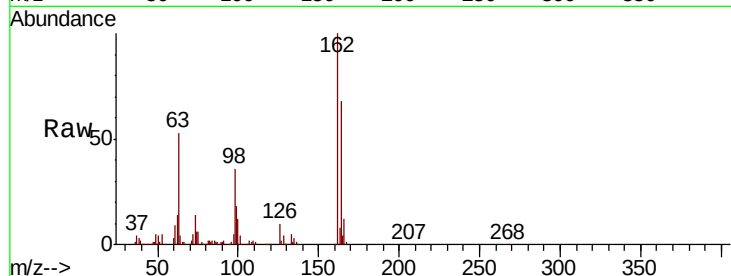




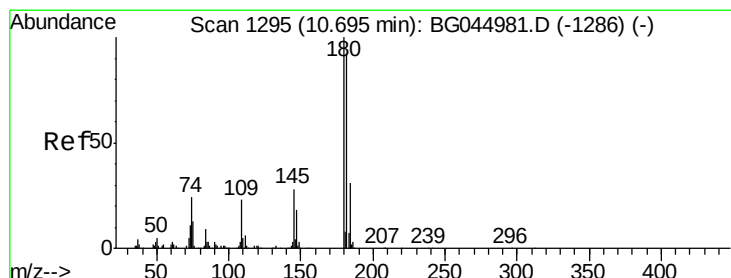
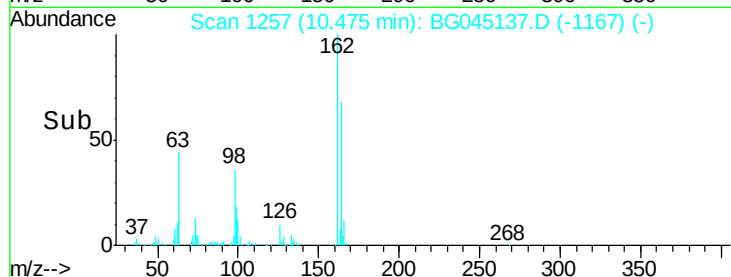
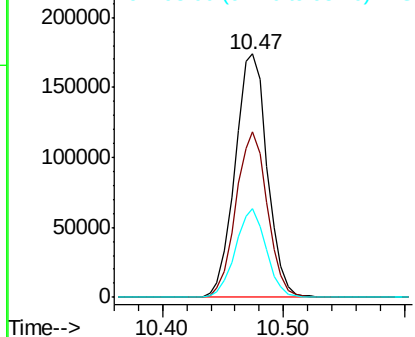
#29
 2,4-Dichlorophenol
 Concen: 56.284 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.1	45.0	85.0
98	36.4	15.2	55.2

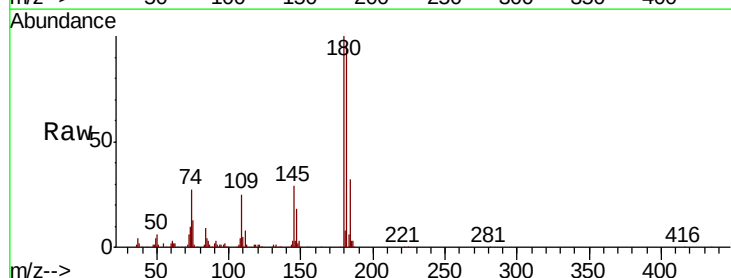


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

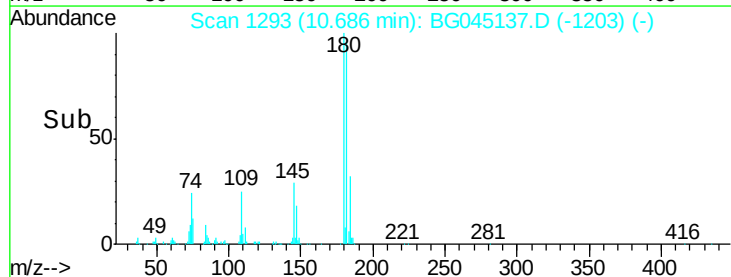
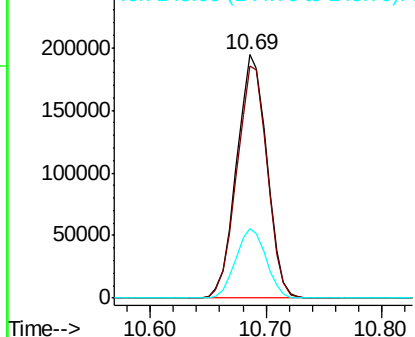


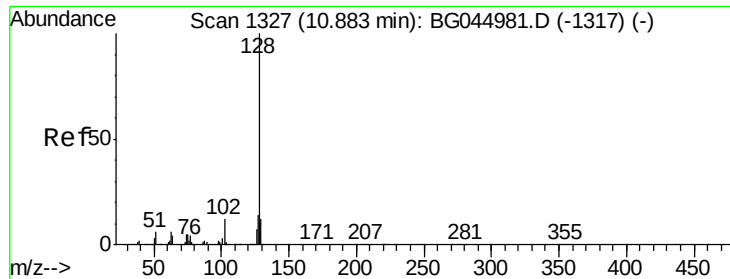
#30
 1,2,4-Trichlorobenzene
 Concen: 54.243 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	73.3	109.9
145	28.6	22.6	33.8



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

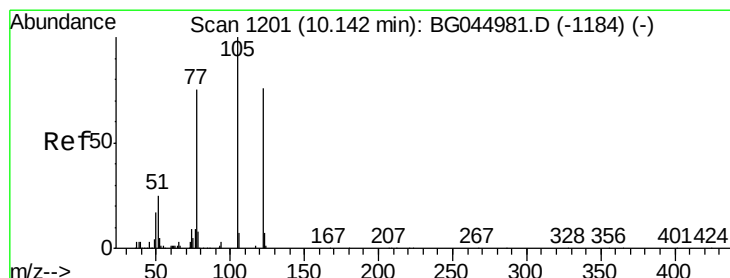
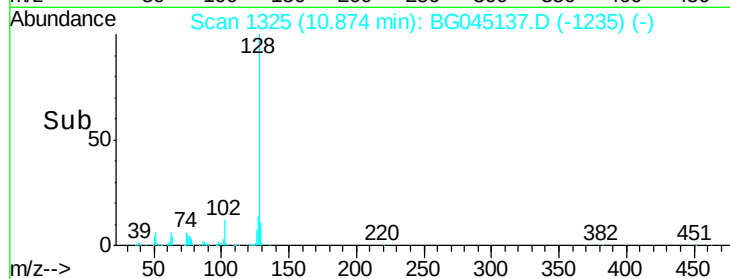
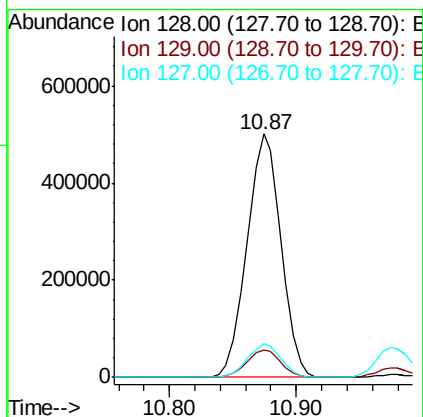
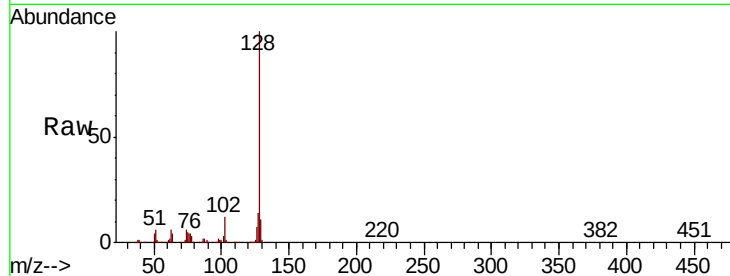




#31
Naphthalene
Concen: 52.661 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

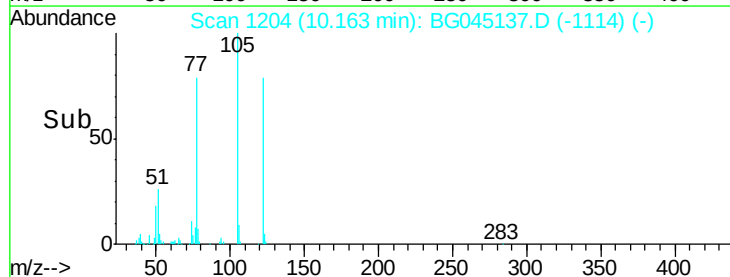
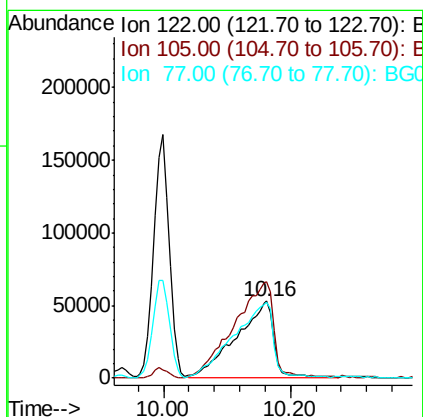
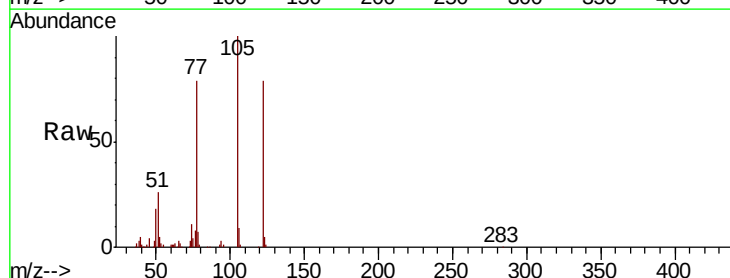
Instrument :
BNA_G
ClientSampleId :

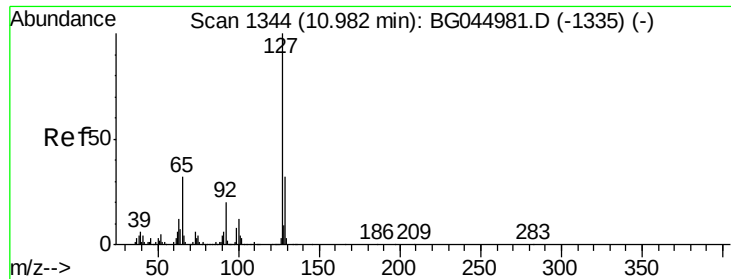
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	14.1	10.8	16.2



#32
Benzoic acid
Concen: 53.147 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.3	108.4	148.4
77	99.2	78.8	118.8

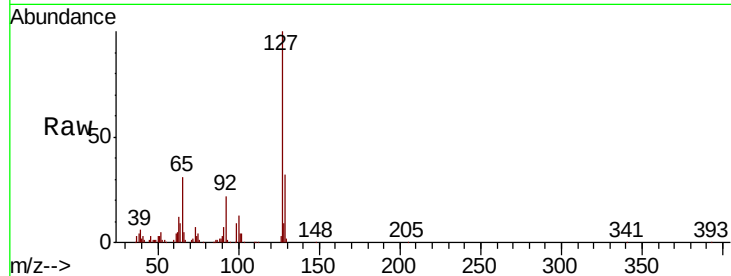




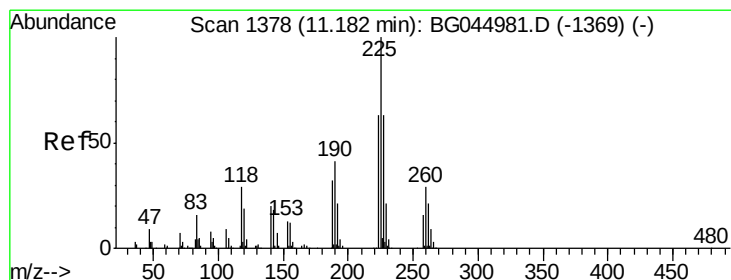
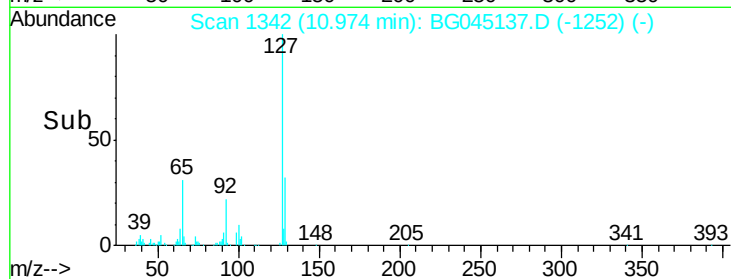
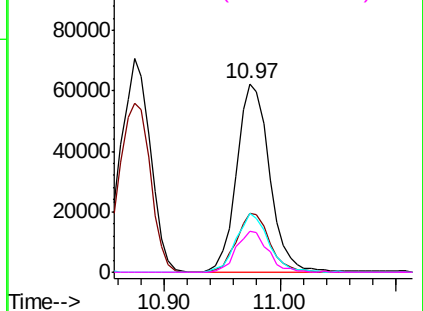
#33
4-Chloroaniline
Concen: 14.930 ng
RT: 10.97 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	123212
Ion Ratio	Lower	Upper
127	100	
129	31.5	25.7 38.5
65	31.5	25.4 38.2
92	22.1	16.1 24.1

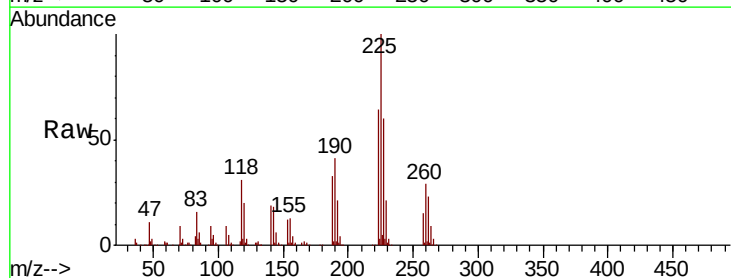


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

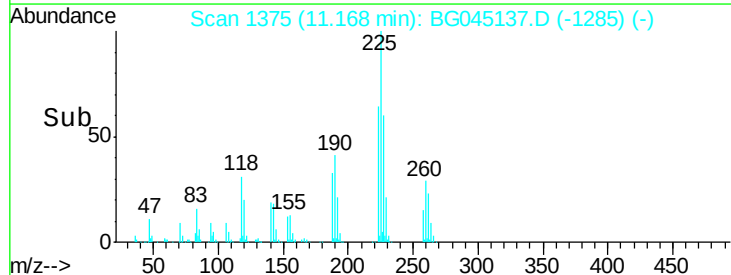
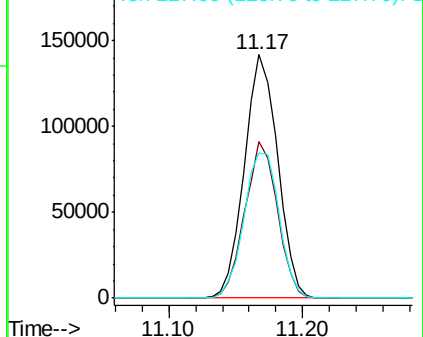


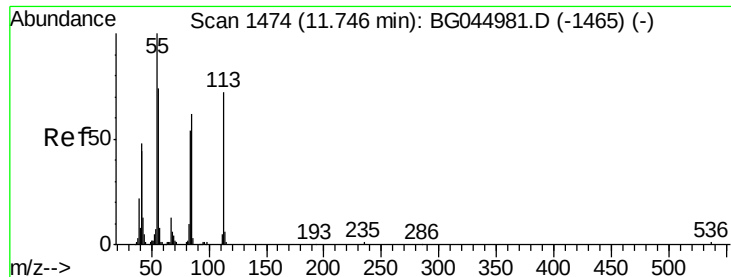
#34
Hexachlorobutadiene
Concen: 54.860 ng
RT: 11.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion:225	Resp:	244222
Ion Ratio	Lower	Upper
225	100	
223	64.3	50.7 76.1
227	59.8	50.2 75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

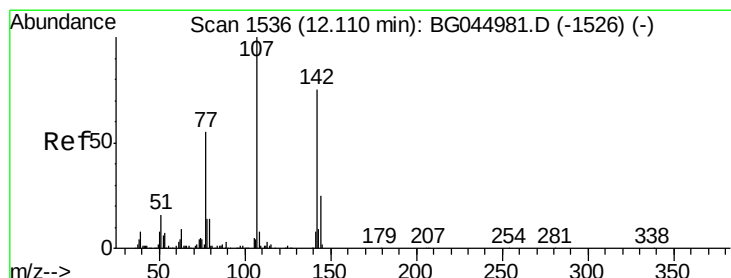
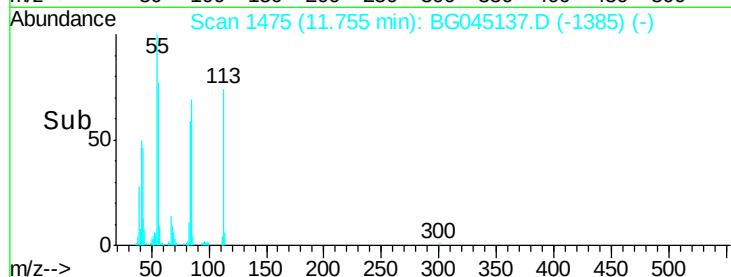
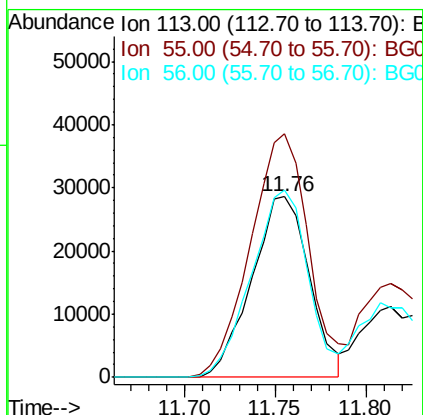
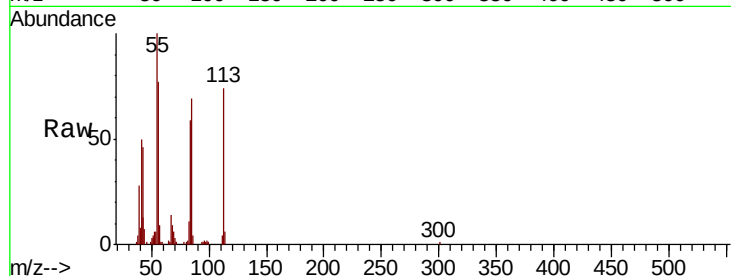




#35
 Caprolactam
 Concen: 27.727 ng
 RT: 11.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

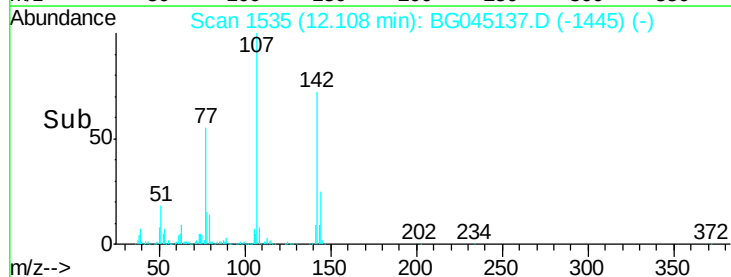
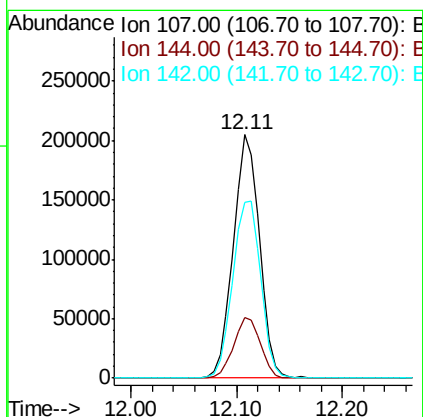
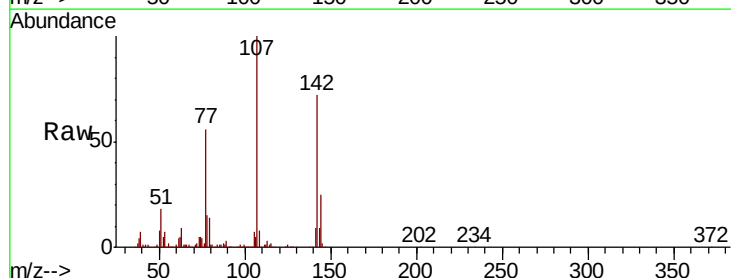
Instrument :
 BNA_G
 ClientSampled :

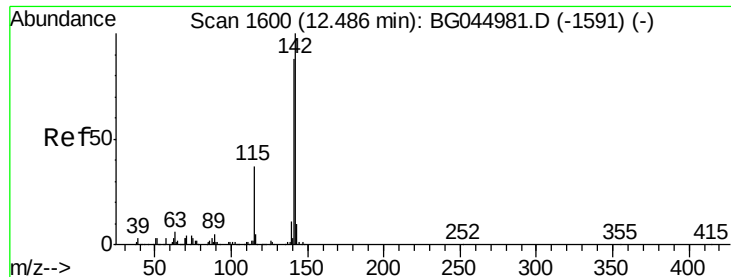
Tot Ion:113 Resp: 63284
 Ion Ratio Lower Upper
 113 100
 55 134.8 118.8 158.8
 56 103.7 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 52.020 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion:107 Resp: 350455
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.8 29.6
 142 72.5 59.7 89.5

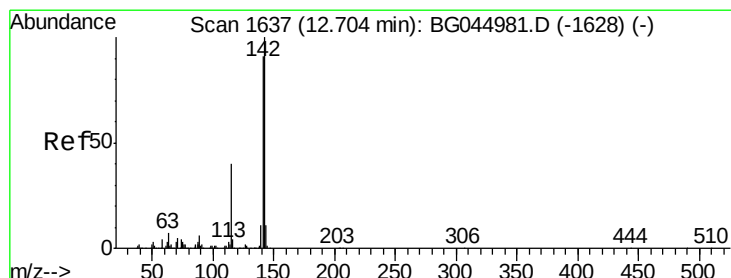
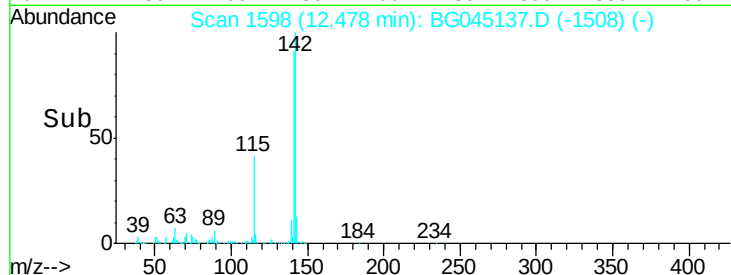
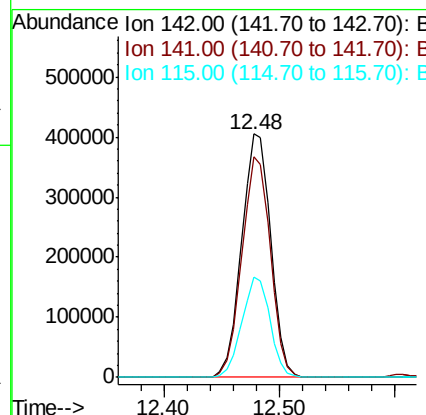
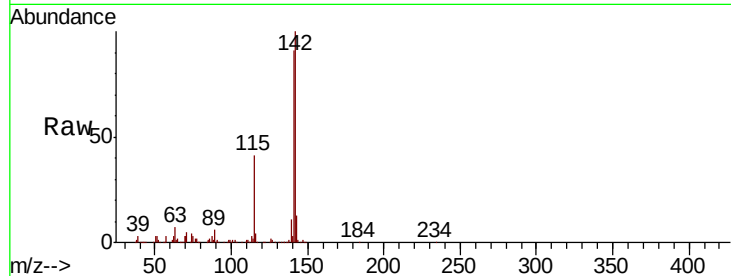




#37
 2-Methylnaphthalene
 Concen: 51.354 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

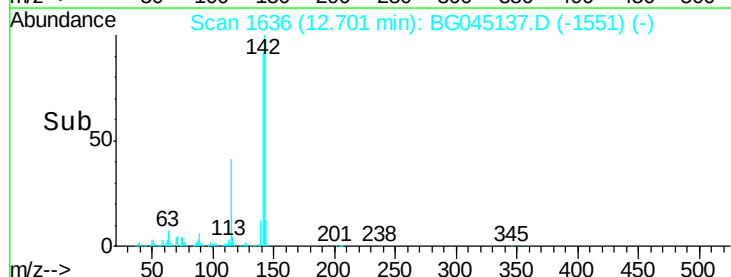
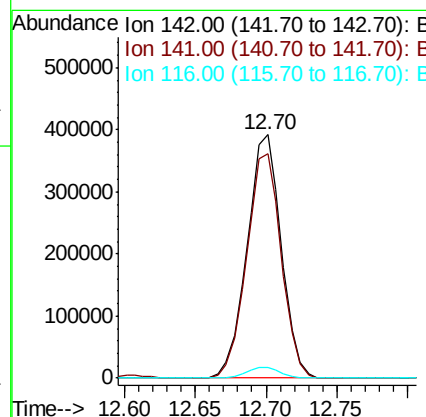
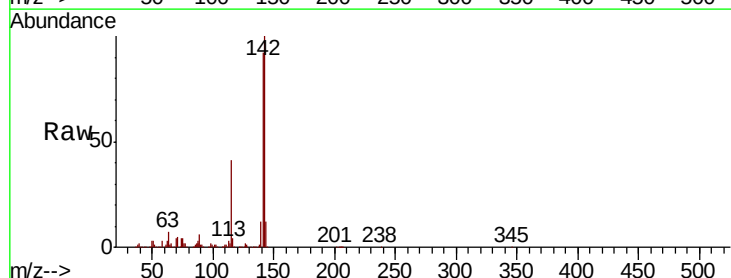
Instrument :
 BNA_G
 ClientSampleId :

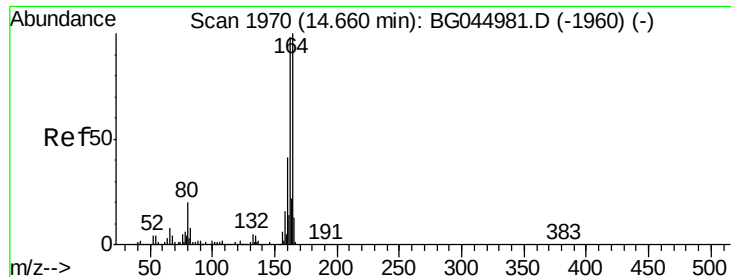
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.3	105.5
115	41.1	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 51.206 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.7	109.1
116	4.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampleId :

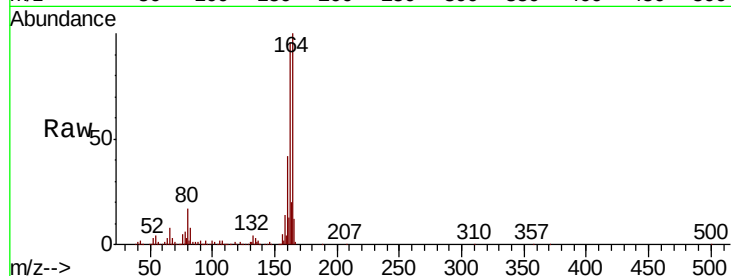
Tot Ion:164 Resp: 221163

Ion Ratio Lower Upper

164 100

162 95.5 78.7 118.1

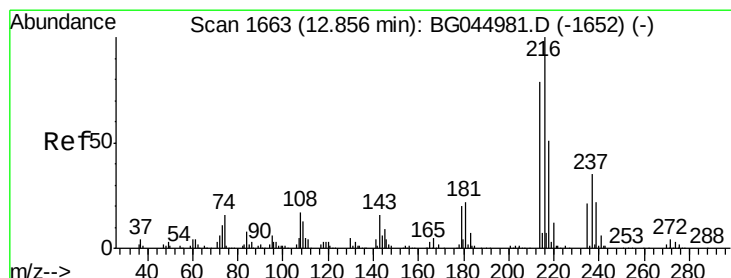
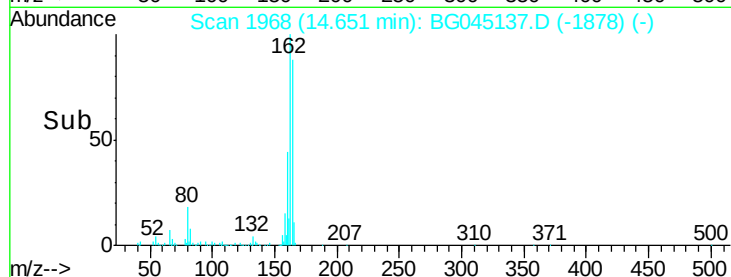
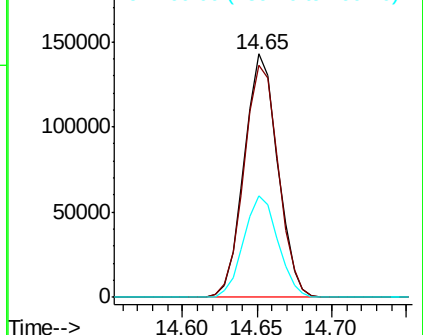
160 41.9 32.8 49.2



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: 56.502 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Tgt Ion:216 Resp: 402341

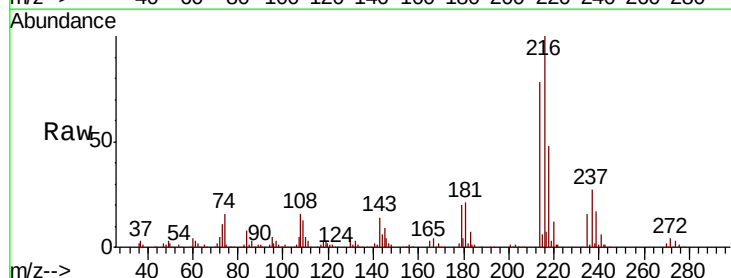
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.6

179 19.6 15.8 23.8

108 18.8 14.2 21.2

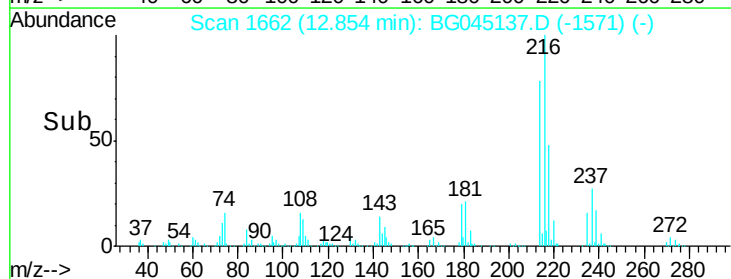
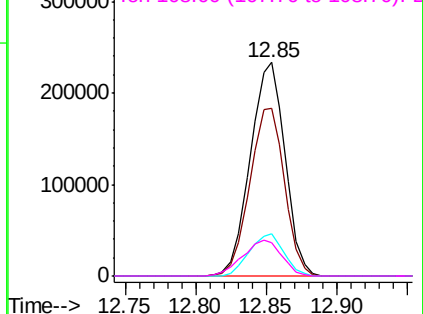


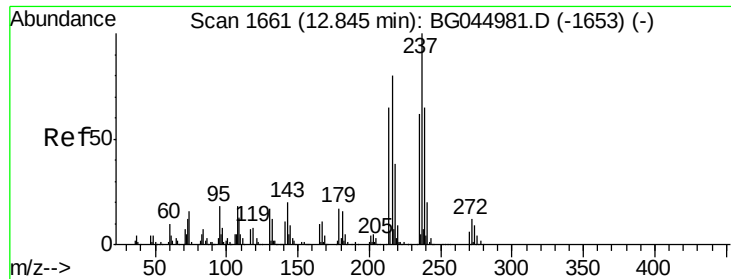
Abundance Ion 216.00 (215.70 to 216.70): E

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: 102.821 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampleId :

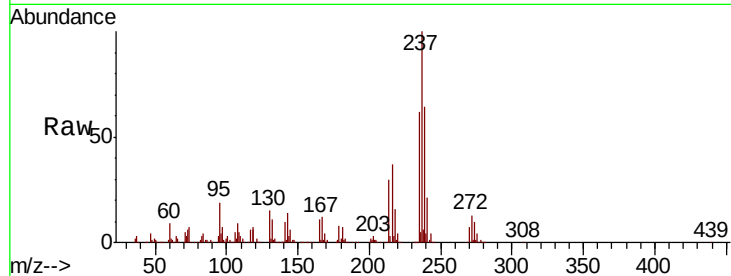
Tot Ion:237 Resp: 457620

Ion Ratio Lower Upper

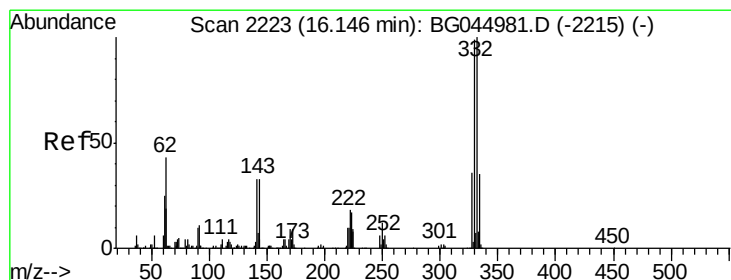
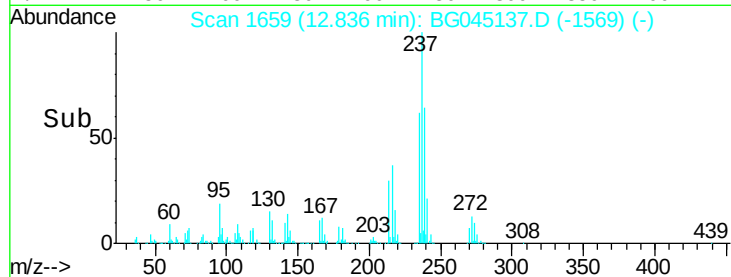
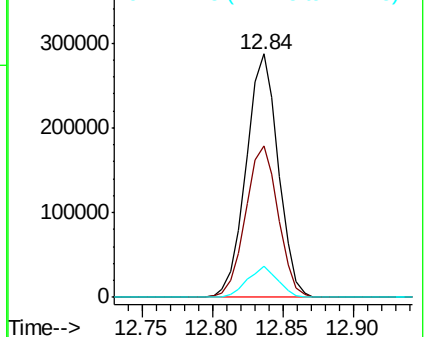
237 100

235 62.3 41.6 81.6

272 12.8 0.0 32.1



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: 141.645 ng

RT: 16.14 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

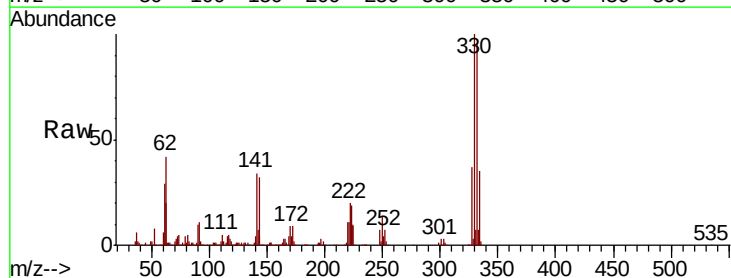
Tgt Ion:330 Resp: 483957

Ion Ratio Lower Upper

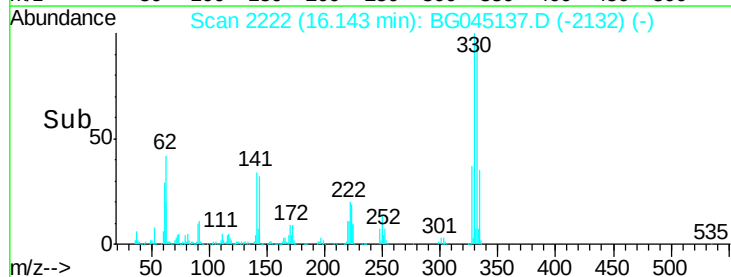
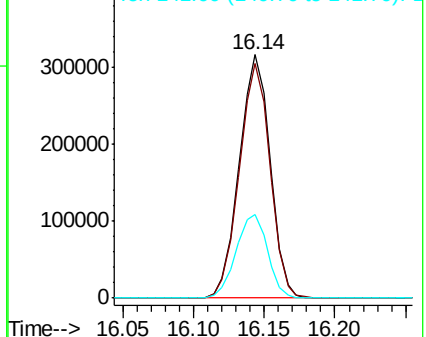
330 100

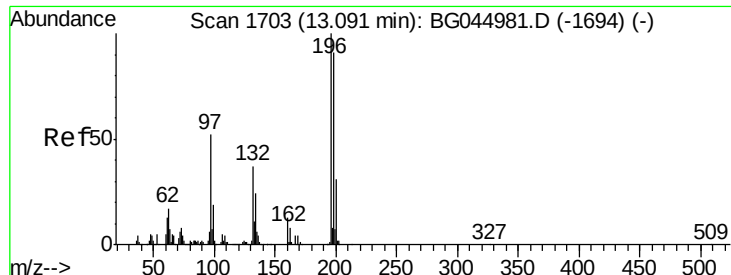
332 96.0 79.1 118.7

141 35.0 27.1 40.7



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

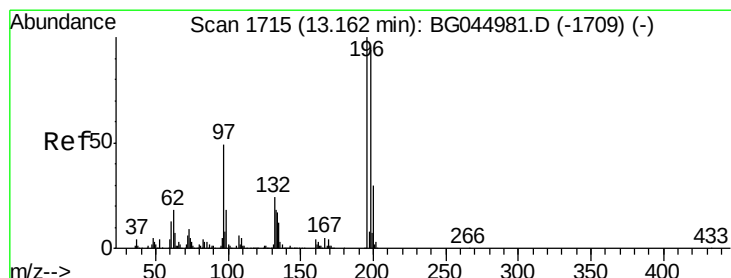
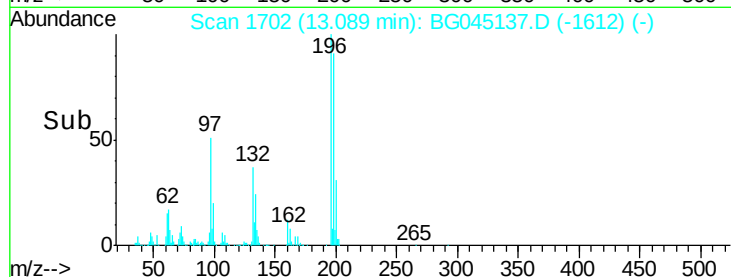
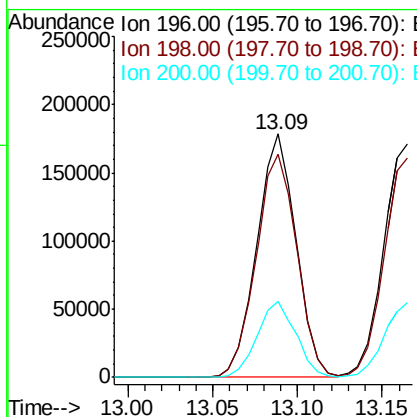
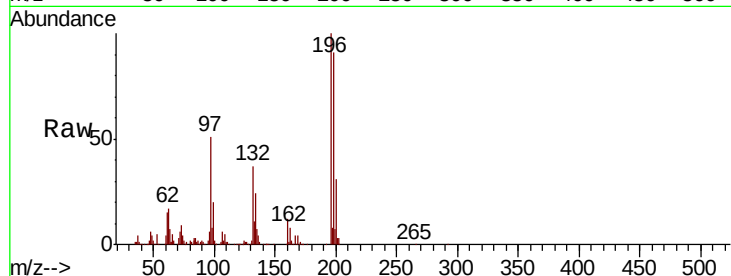




#43
 2,4,6-Trichlorophenol
 Concen: 57.181 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

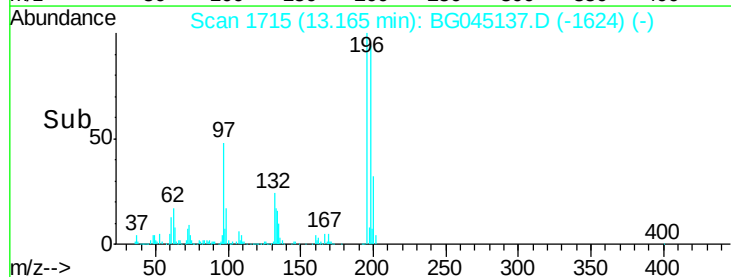
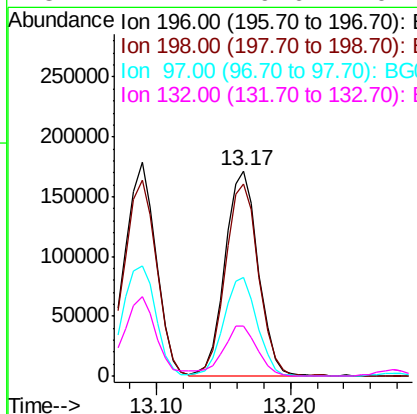
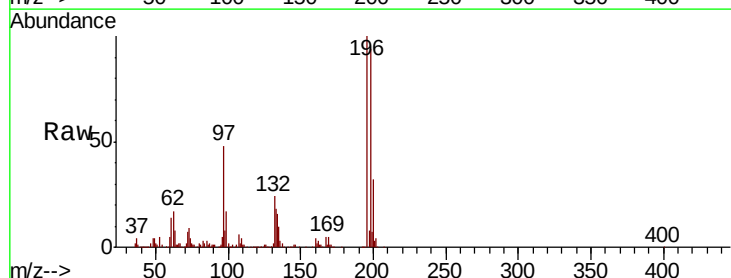
Instrument :
 BNA_G
 ClientSampled :

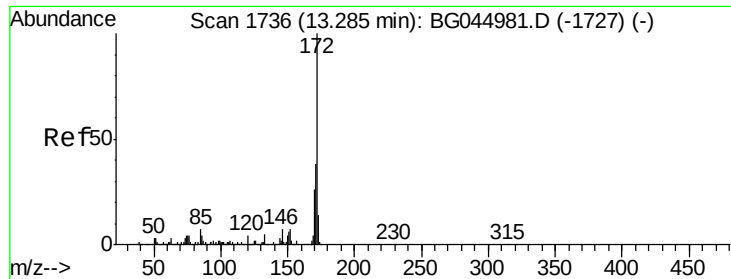
Tot Ion	196	Resp	287371
Ion Ratio	Lower	Upper	
196	100		
198	91.4	72.5	108.7
200	31.2	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 51.928 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.01 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion	196	Resp	297057
Ion Ratio	Lower	Upper	
196	100		
198	93.6	75.7	113.5
97	48.4	39.6	59.4
132	24.4	19.6	29.4

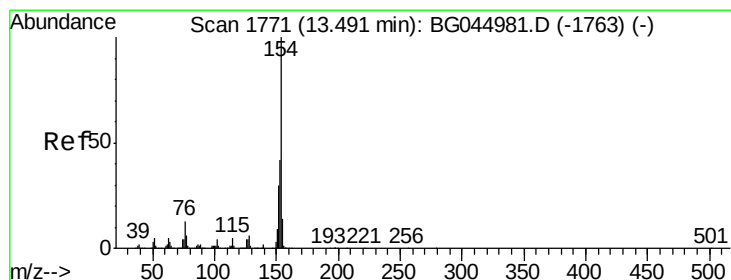
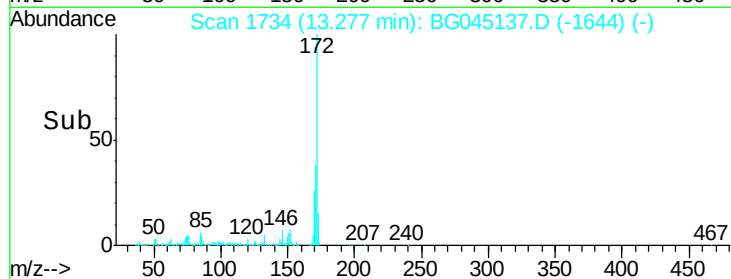
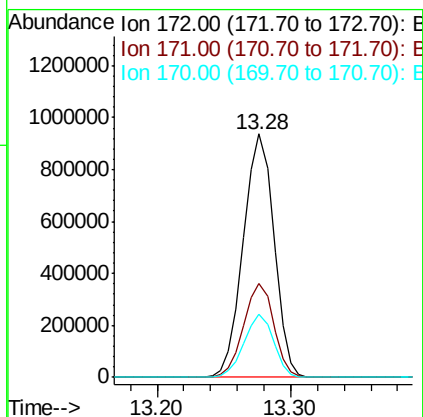
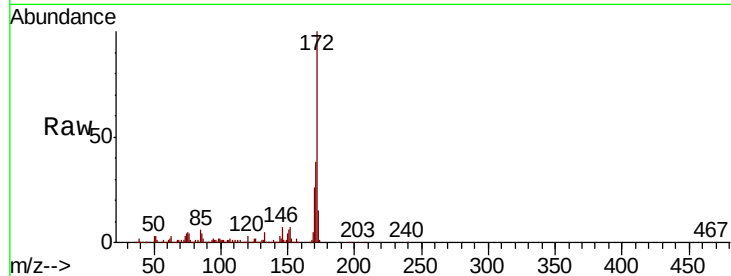




#45
2-Fluorobiphenyl
Concen: 98.954 ng
RT: 13.28 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

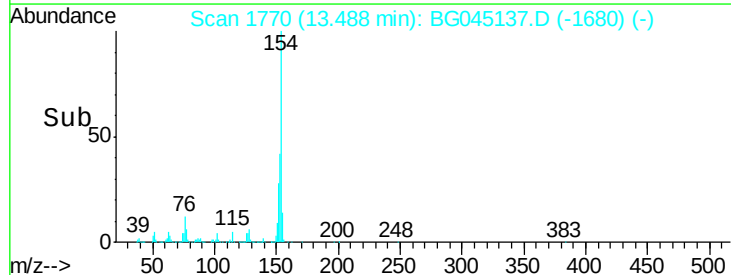
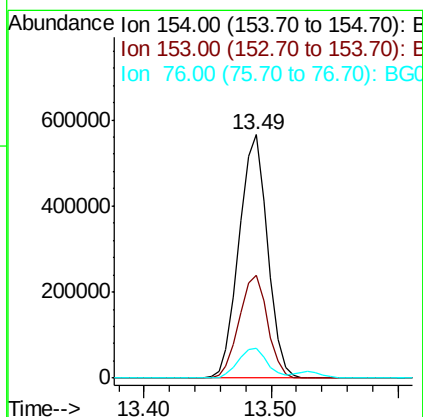
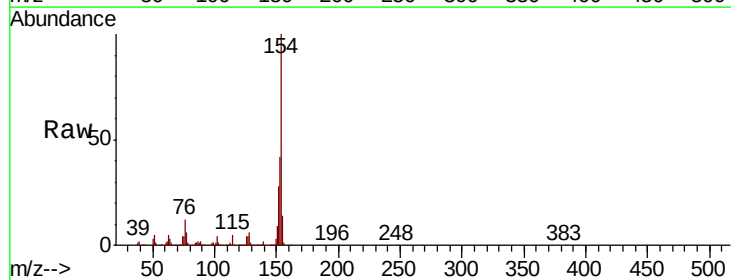
Instrument :
BNA_G
ClientSampleId :

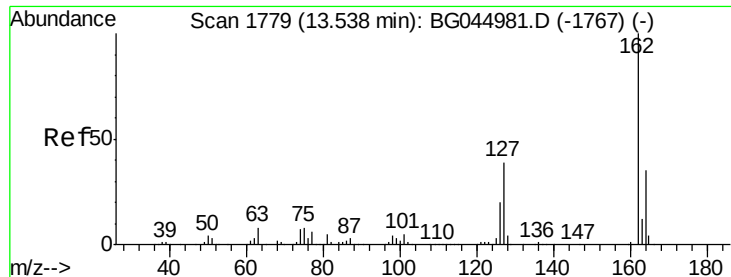
Tot Ion:172 Resp: 1492516
Ion Ratio Lower Upper
172 100
171 38.5 30.6 46.0
170 25.9 20.5 30.7



#46
1,1'-Biphenyl
Concen: 52.153 ng
RT: 13.49 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion:154 Resp: 876687
Ion Ratio Lower Upper
154 100
153 42.0 21.9 61.9
76 12.1 0.0 33.1

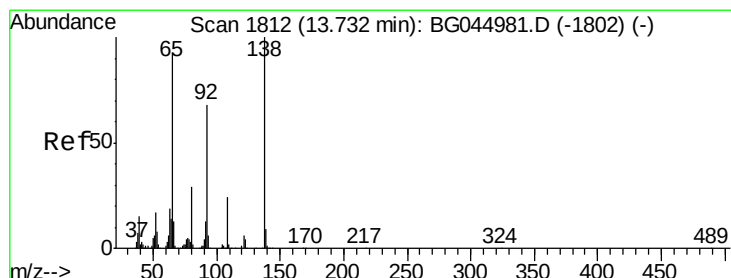
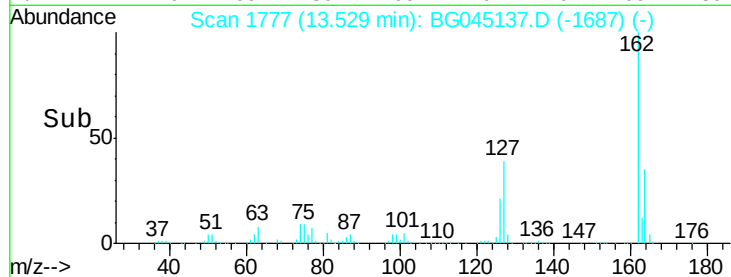
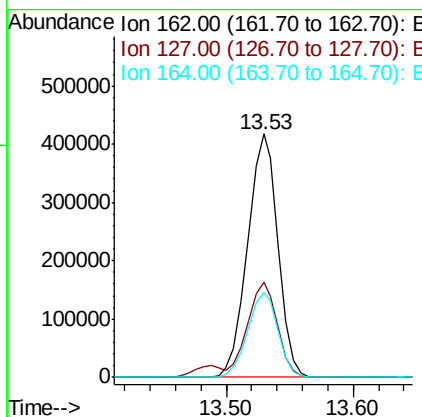
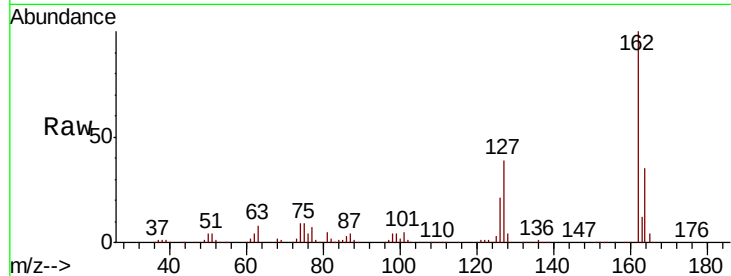




#47
 2-Chloronaphthalene
 Concen: 53.854 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

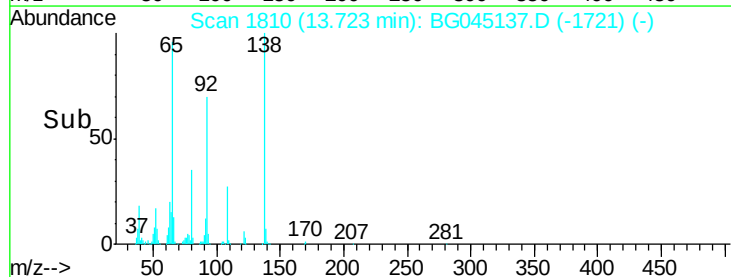
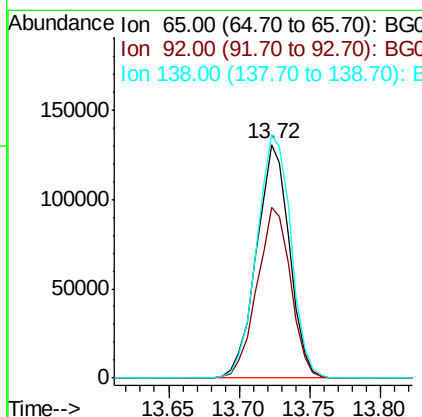
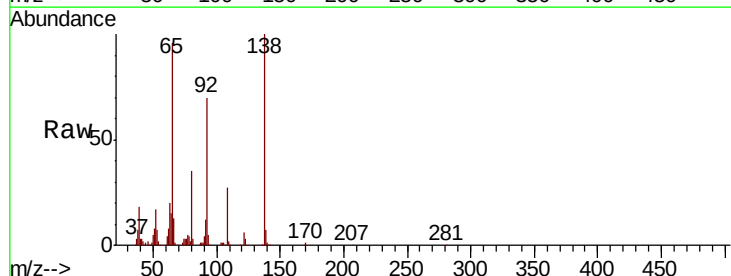
Instrument :
 BNA_G
 ClientSampleId :

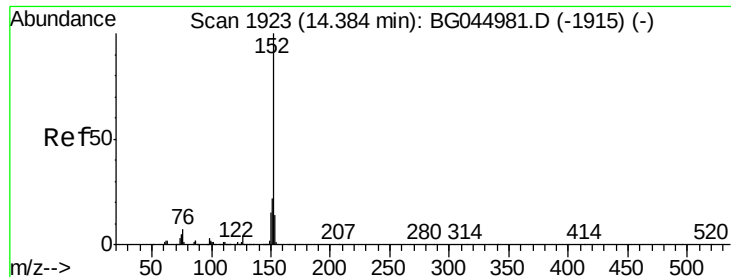
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.3	46.9
164	34.8	27.8	41.8



#48
 2-Nitroaniline
 Concen: 50.832 ng
 RT: 13.72 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	58.3	87.5
138	104.2	85.6	128.4





#49

Acenaphthylene

Concen: 52.539 ng

RT: 14.38 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampleId :

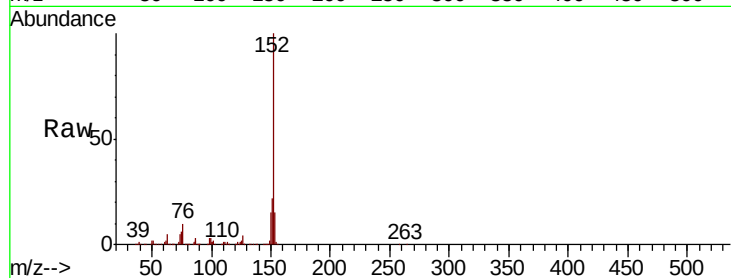
Tot Ion:152 Resp: 1099214

Ion Ratio Lower Upper

152 100

151 22.0 17.2 25.8

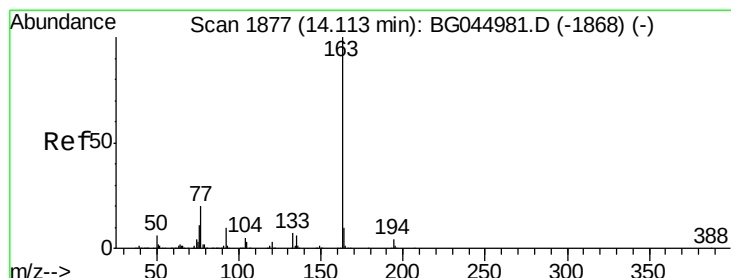
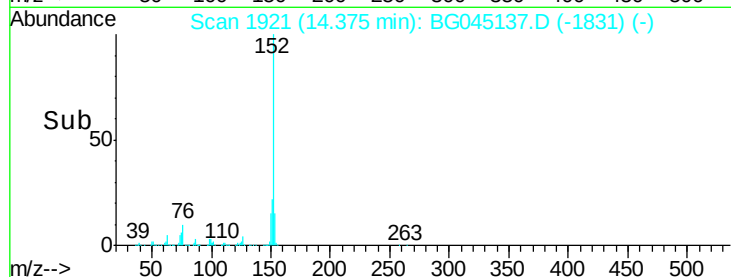
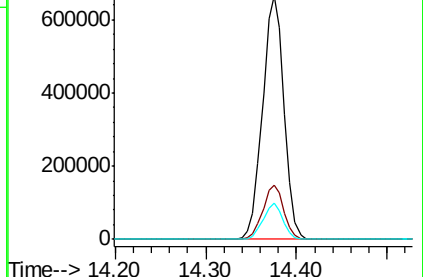
153 14.9 11.0 16.4



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: 62.242 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

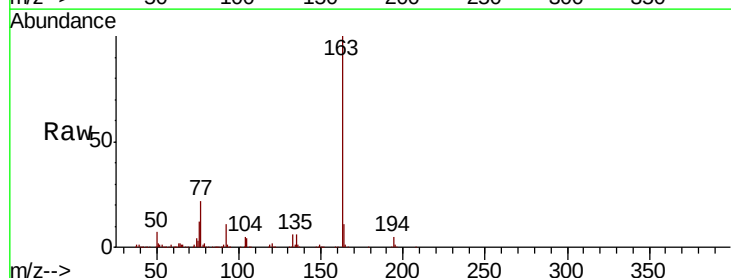
Tgt Ion:163 Resp: 1120851

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

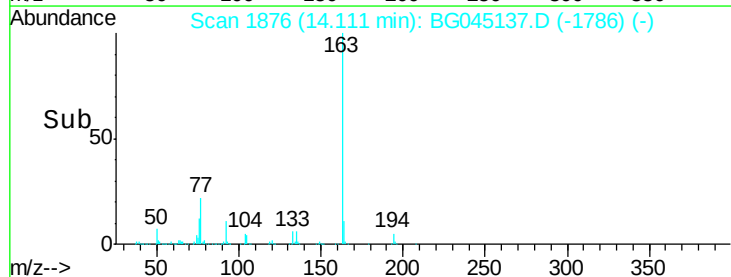
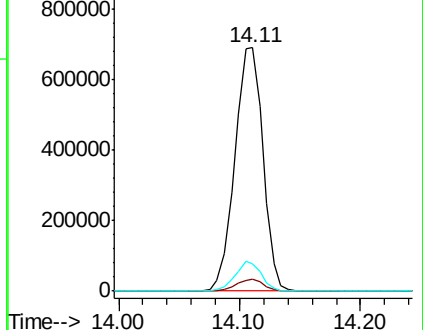
164 11.4 8.2 12.4

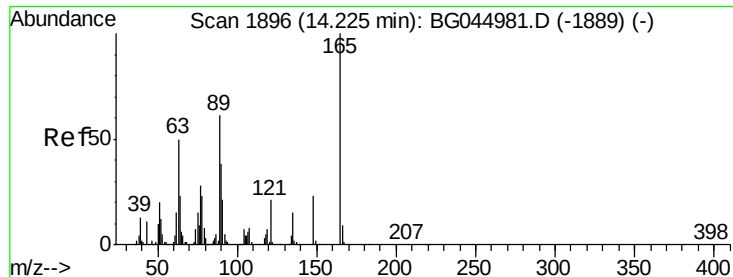


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

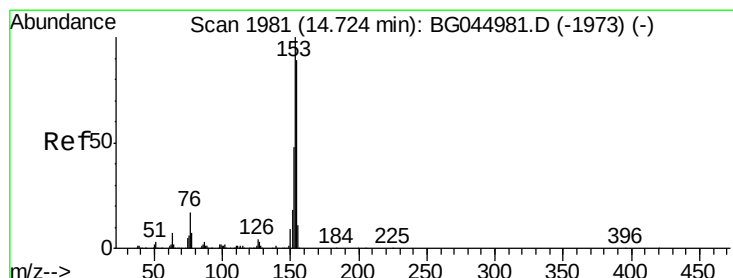
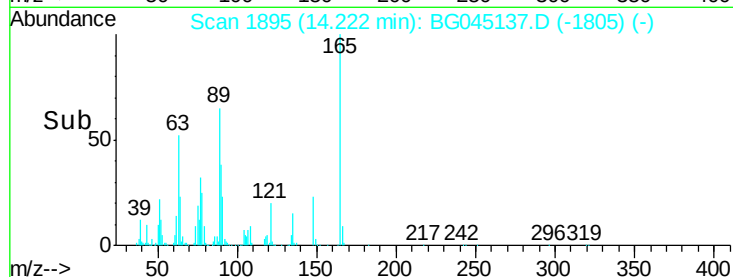
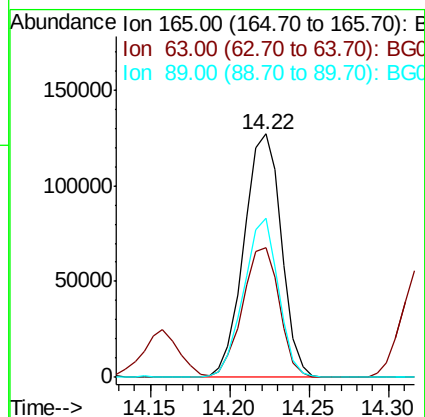
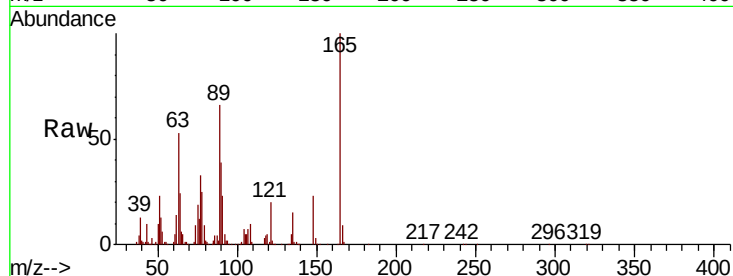




#51
 2,6-Dinitrotoluene
 Concen: 51.358 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

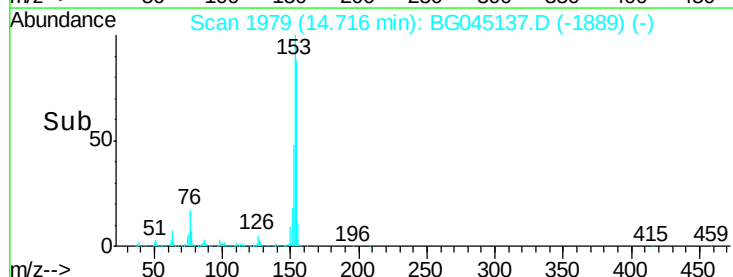
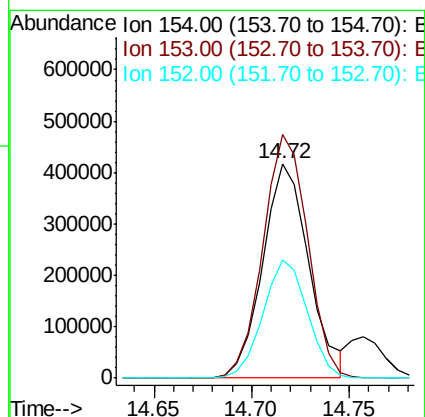
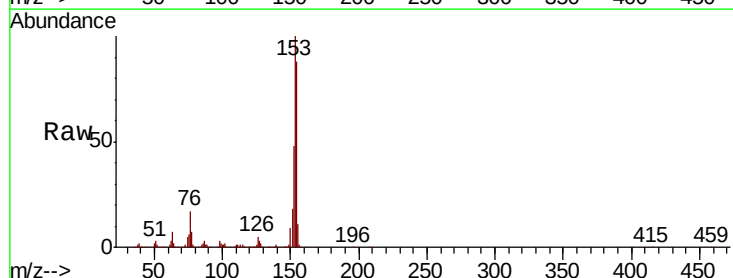
Instrument :
 BNA_G
 ClientSampleId :

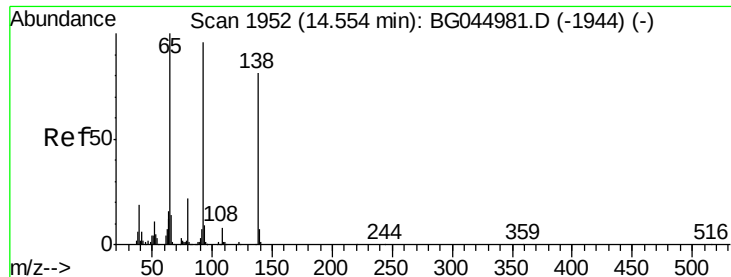
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.1	40.4	60.6
89	65.6	49.1	73.7



#52
 Acenaphthene
 Concen: 48.194 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	89.7	134.5
152	55.1	43.1	64.7

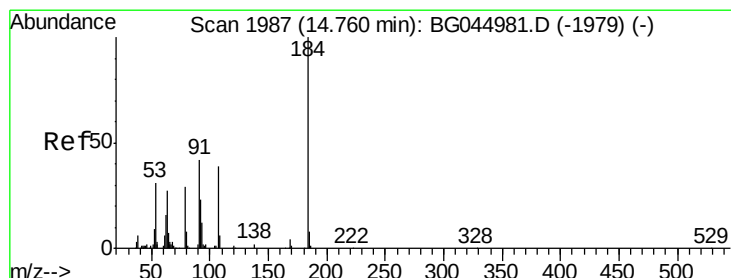
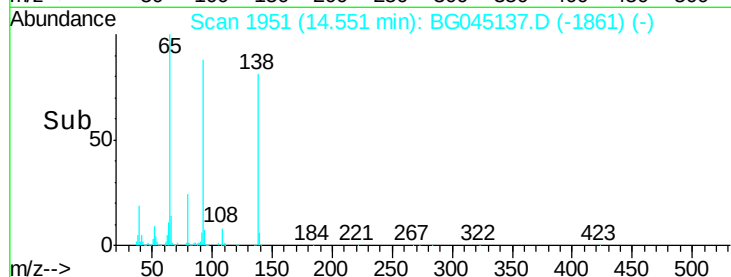
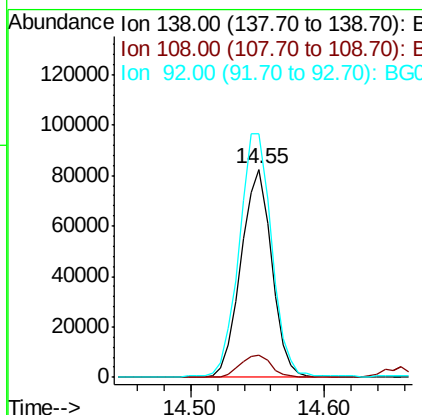
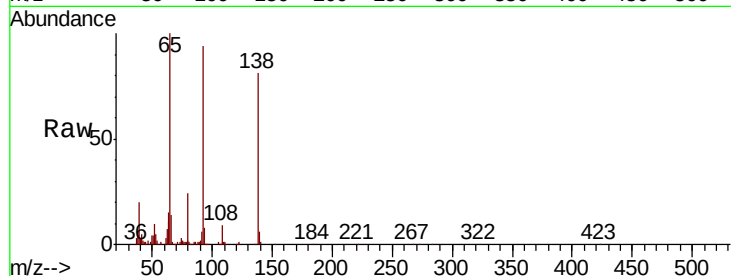




#53
 3-Nitroaniline
 Concen: 29.838 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

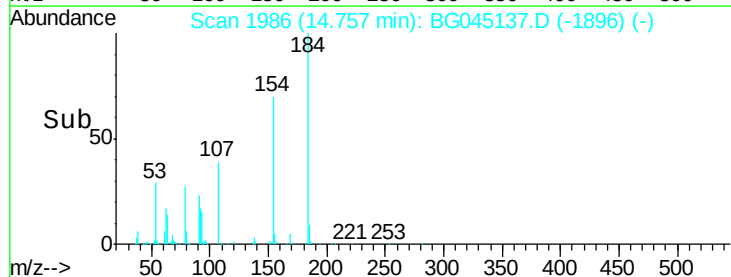
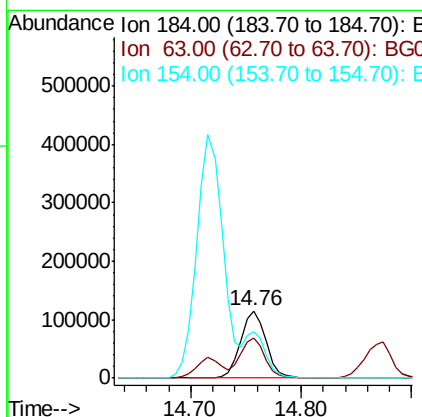
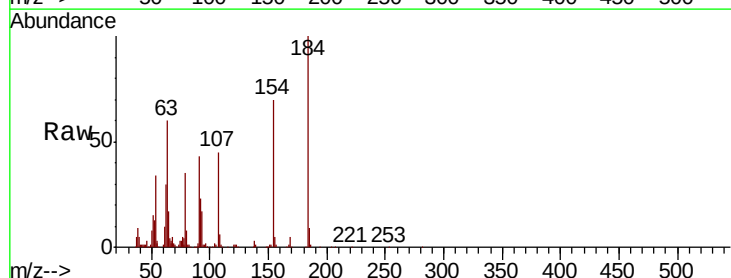
Instrument :
 BNA_G
 ClientSampleId :

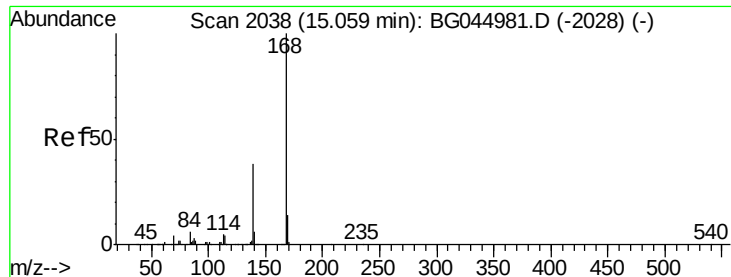
Tot Ion:138 Resp: 131816
 Ion Ratio Lower Upper
 138 100
 108 10.9 7.8 11.8
 92 116.9 94.5 141.7



#54
 2,4-Dinitrophenol
 Concen: 77.822 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion:184 Resp: 186391
 Ion Ratio Lower Upper
 184 100
 63 59.9 41.5 62.3
 154 69.9 52.3 78.5





#55

Dibenzenofuran

Concen: 51.218 ng

RT: 15.05 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

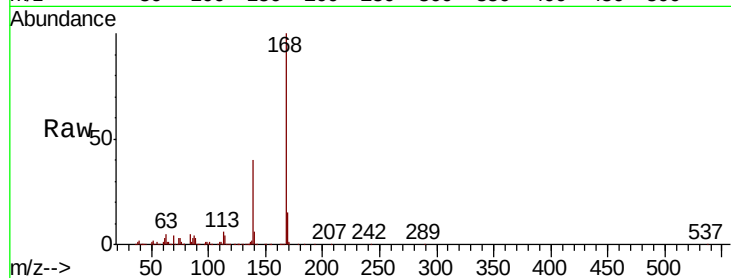
Instrument :

BNA_G

ClientSampleId :

Tot Ion:168 Resp: 1057030

Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.4	45.6
169	14.6	11.0	16.4

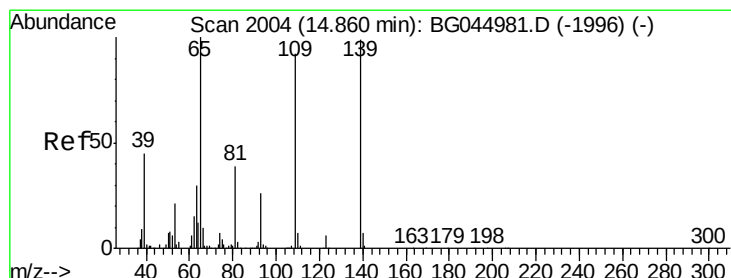
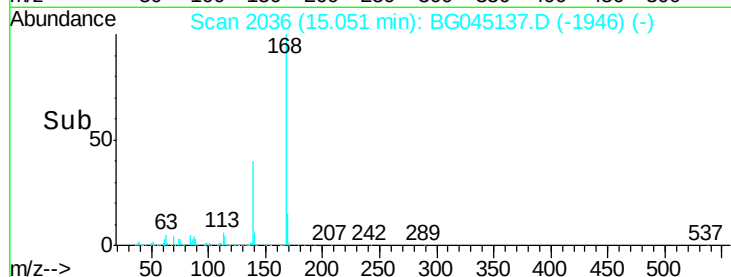
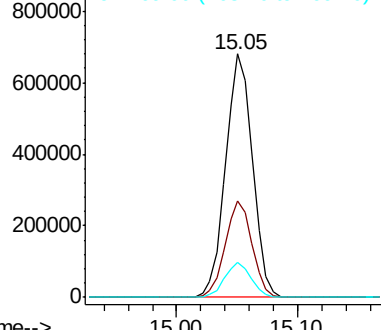


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 97.917 ng

RT: 14.87 min Scan# 2006

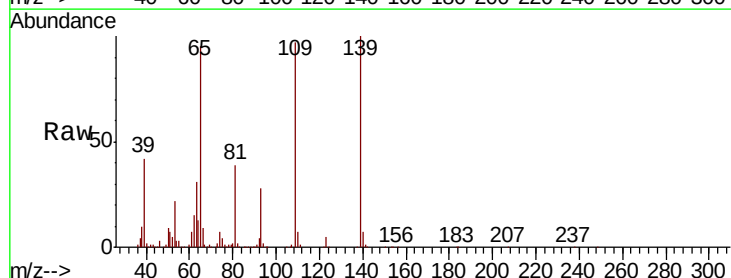
Delta R.T. 0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Tgt Ion:139 Resp: 335395

Ion	Ratio	Lower	Upper
139	100		
109	96.9	73.6	113.6
65	94.8	81.2	121.2

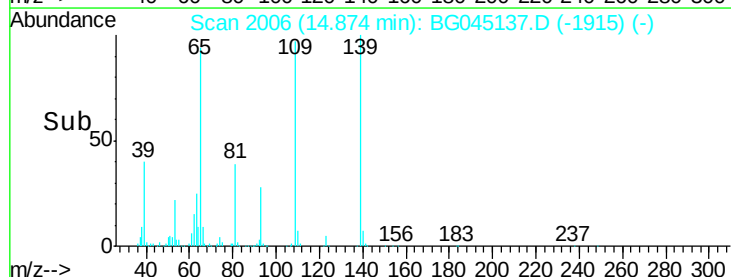
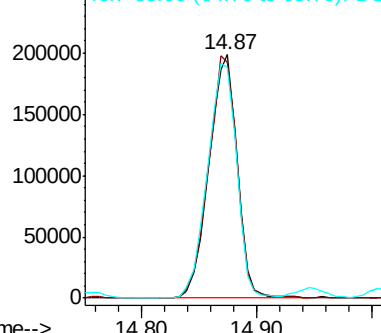


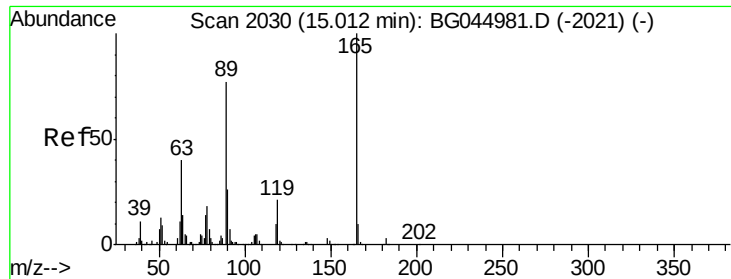
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

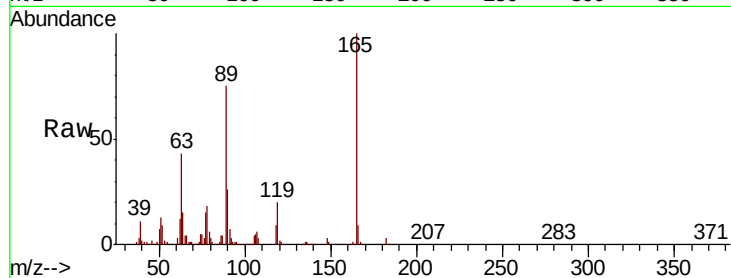




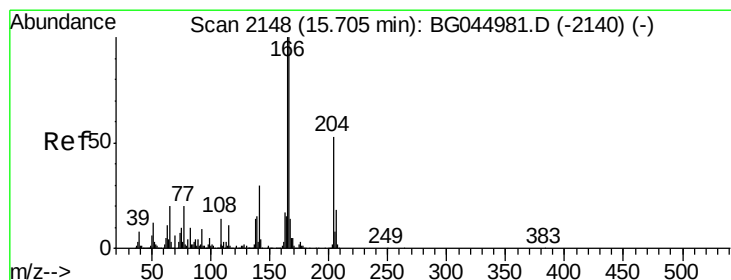
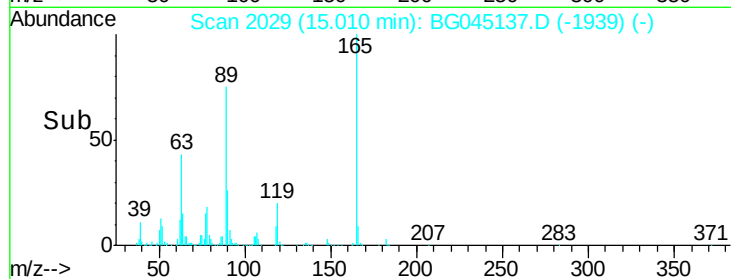
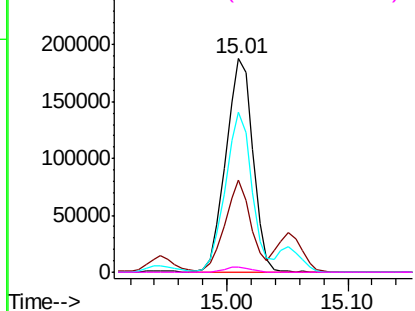
#57
2,4-Dinitrotoluene
Concen: 49.586 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 291883
Ion Ratio Lower Upper
165 100
63 43.2 32.2 48.2
89 75.1 61.7 92.5
182 2.6 2.0 3.0

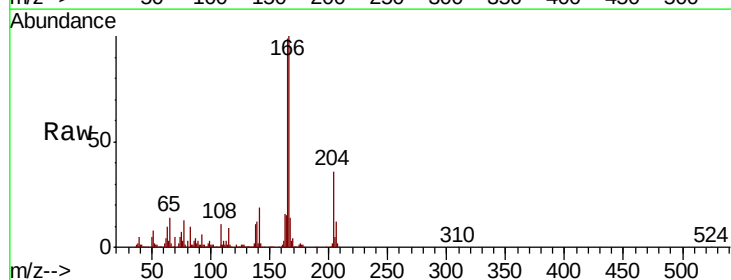


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

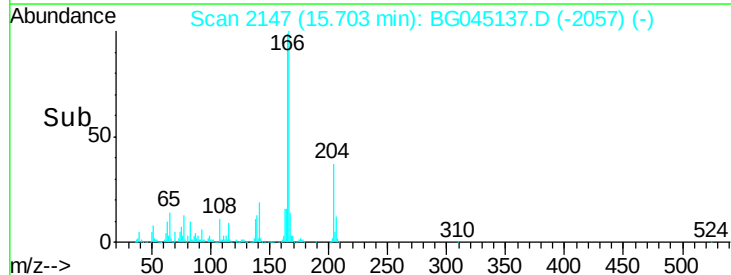
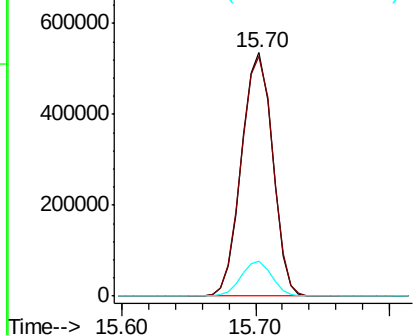


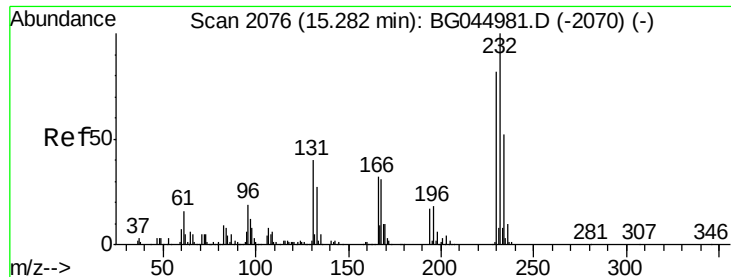
#58
Fluorene
Concen: 51.088 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion:166 Resp: 861201
Ion Ratio Lower Upper
166 100
165 98.7 79.9 119.9
167 14.2 11.4 17.0



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

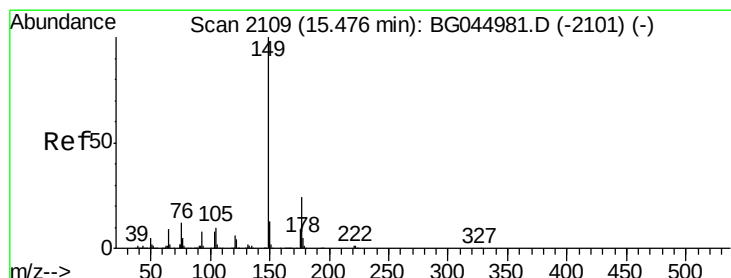
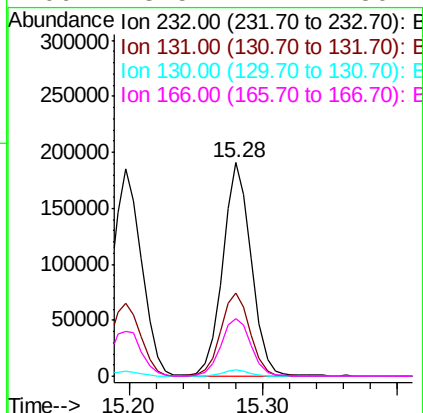
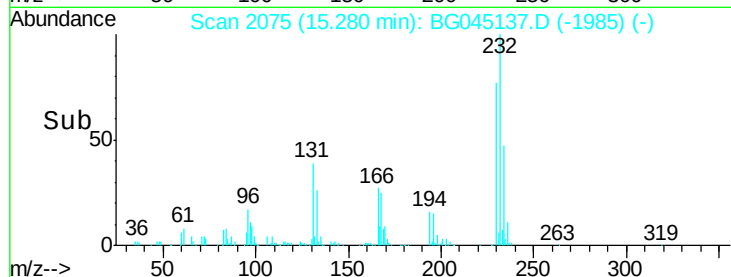
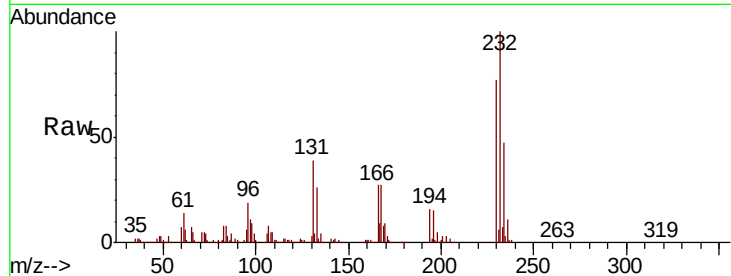




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.664 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

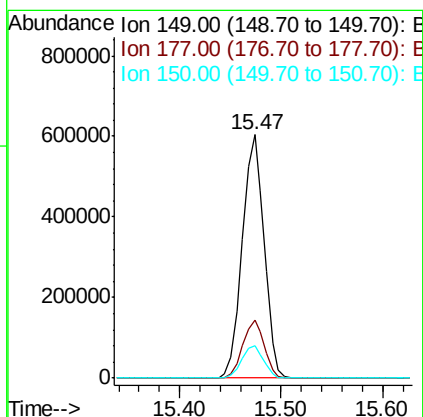
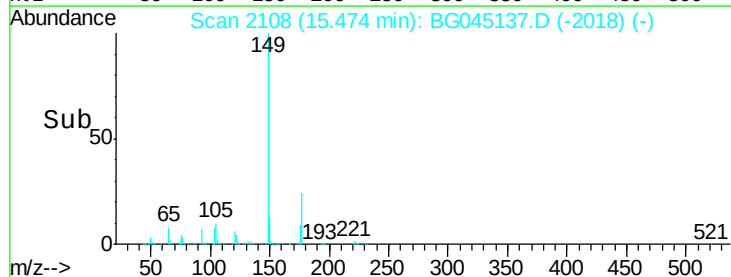
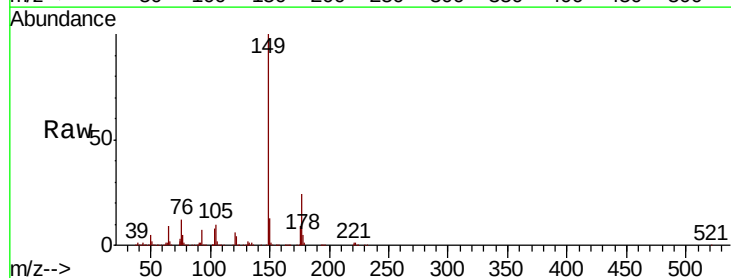
Instrument :
 BNA_G
 ClientSampleId :

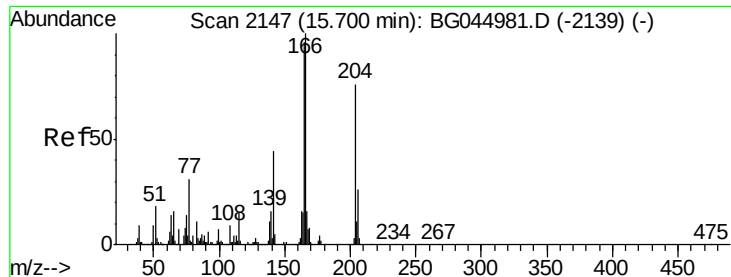
Tot Ion:232	Resp:	283328
Ion	Ratio	Lower Upper
232	100	
131	40.3	32.2 48.2
130	2.8	2.2 3.2
166	28.5	24.2 36.4



#60
 Diethylphthalate
 Concen: 47.913 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion:149	Resp:	899583
Ion	Ratio	Lower Upper
149	100	
177	23.7	18.9 28.3
150	13.5	10.6 15.8

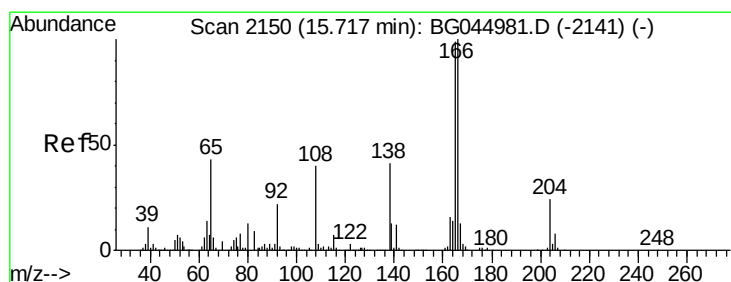
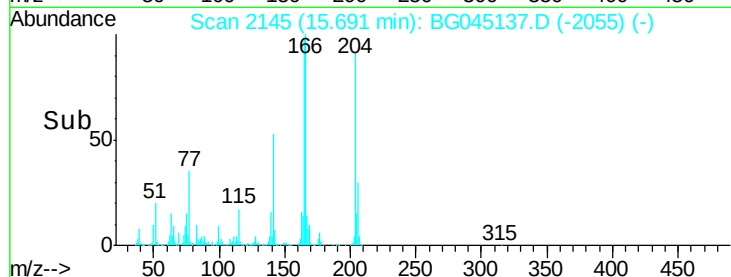
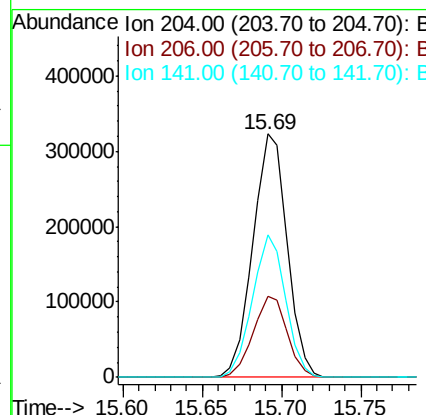
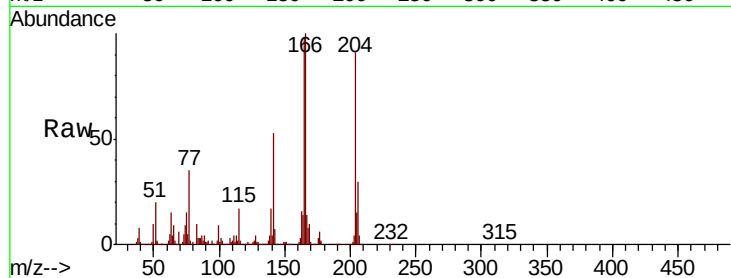




#61
4-Chlorophenyl-phenylether
Concen: 50.070 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

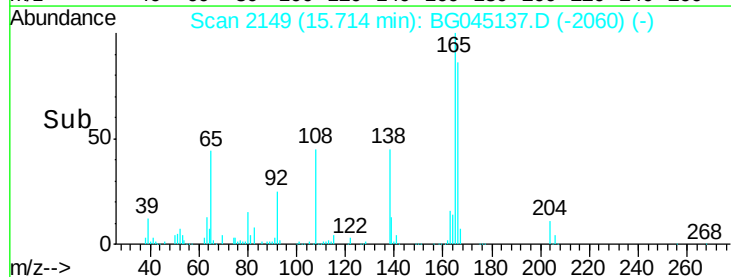
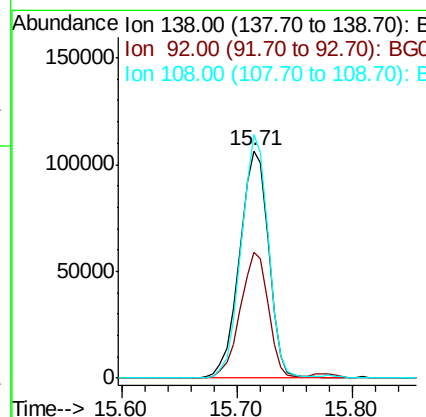
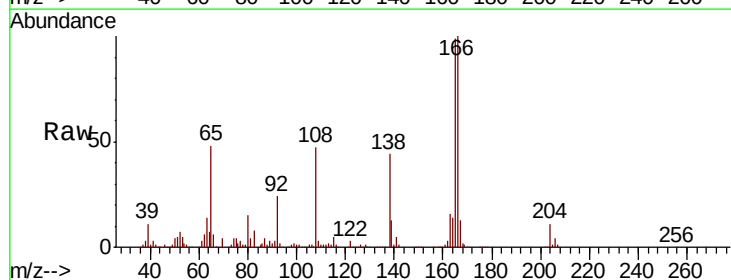
Instrument :
BNA_G
ClientSampleId :

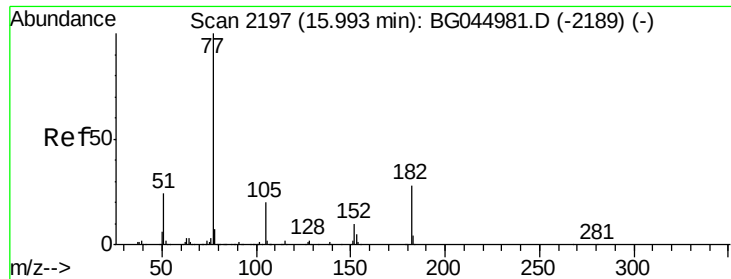
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.9	40.3
141	58.5	46.3	69.5



#62
4-Nitroaniline
Concen: 40.544 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.1	33.6	73.6
108	107.0	78.2	118.2





#63

Azobenzene

Concen: 50.494 ng

RT: 15.98 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 874060

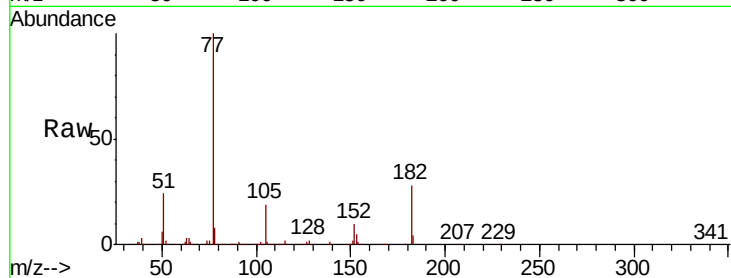
Ion Ratio Lower Upper

77 100

182 28.1 8.4 48.4

105 19.4 0.5 40.5

51 24.0 4.4 44.4

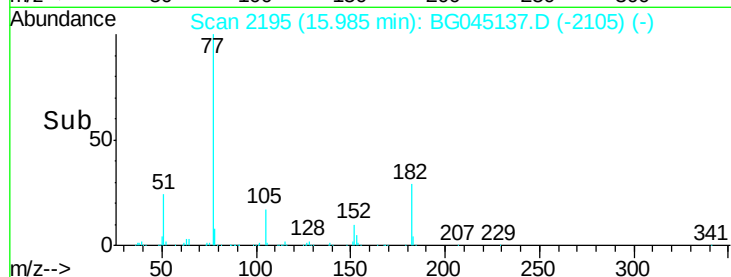


Abundance Ion 77.00 (76.70 to 77.70): BGC

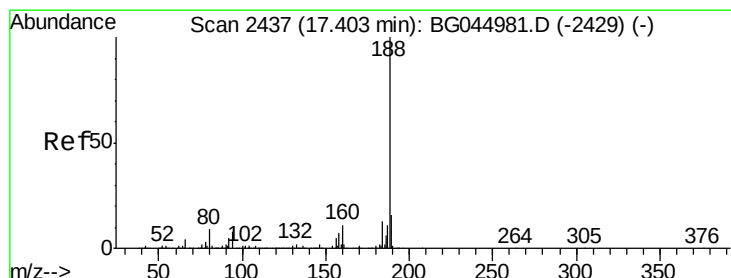
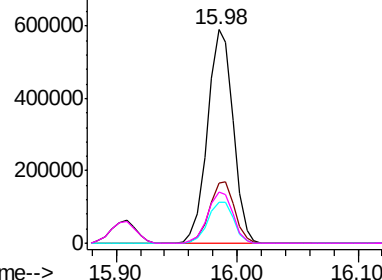
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

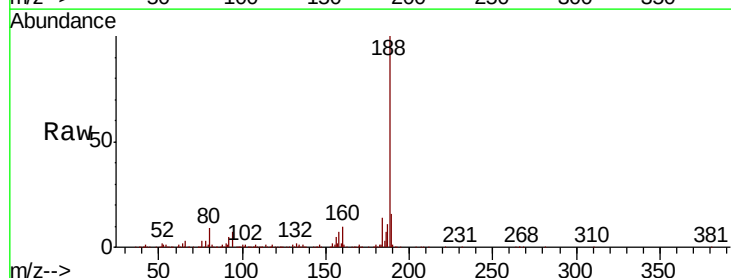
Tgt Ion: 188 Resp: 487004

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

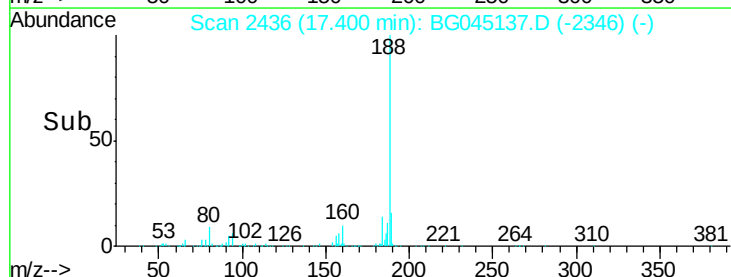
80 9.1 7.0 10.6



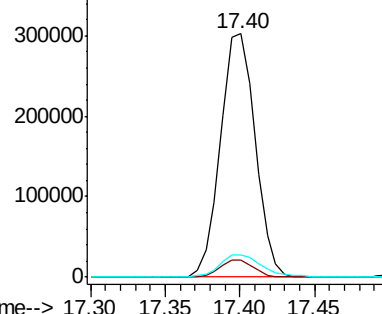
Abundance Ion 188.00 (187.70 to 188.70): BGC

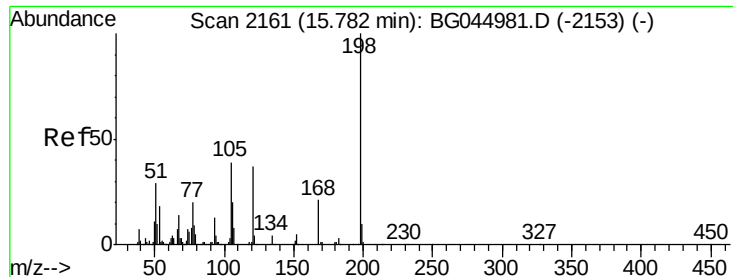
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 43.899 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

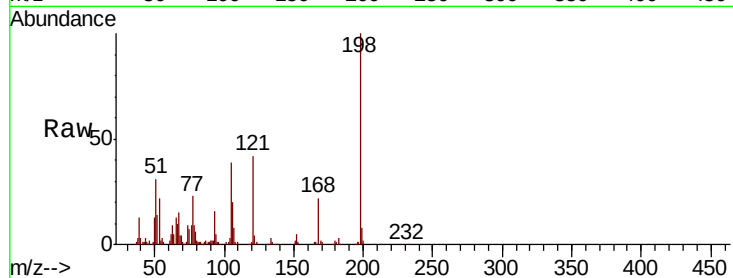
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 140525

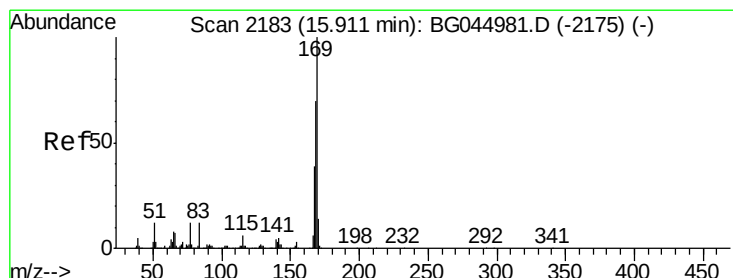
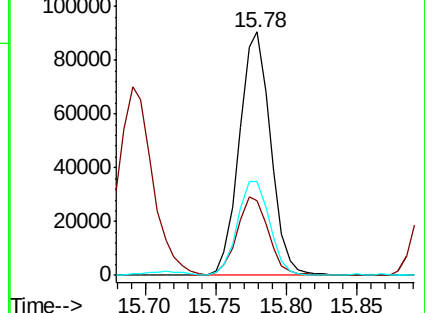
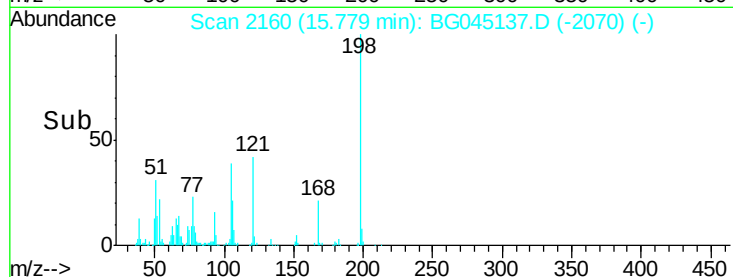
Ion	Ratio	Lower	Upper
198	100		
51	30.9	10.0	50.0
105	38.8	18.9	58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 55.442 ng

RT: 15.91 min Scan# 2182

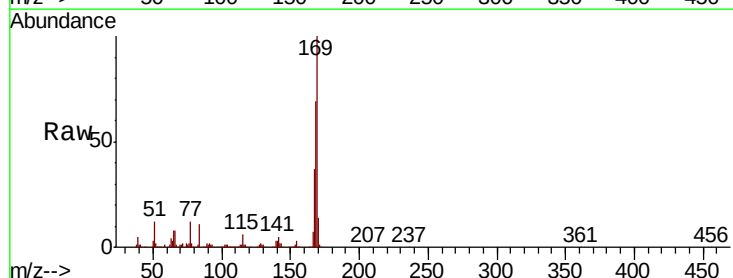
Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Tgt Ion:169 Resp: 775770

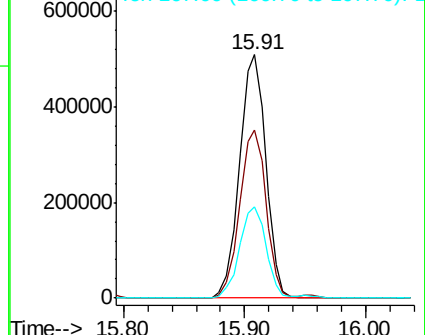
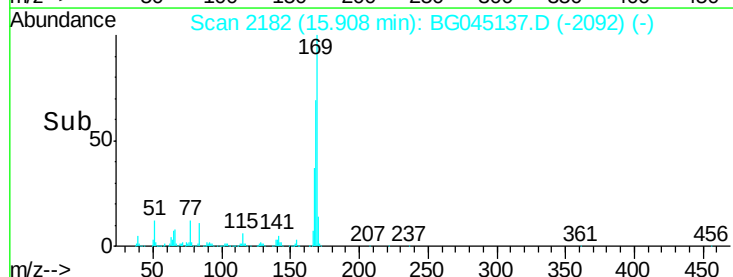
Ion	Ratio	Lower	Upper
169	100		
168	69.2	55.8	83.8
167	37.2	30.8	46.2

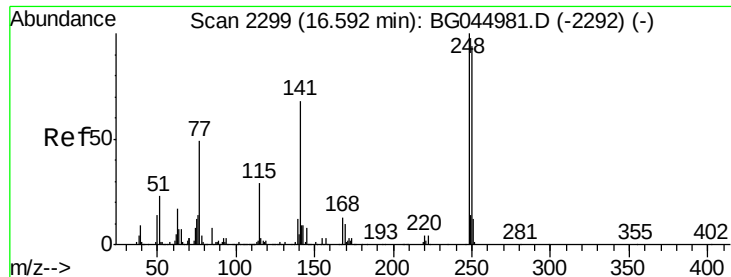


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

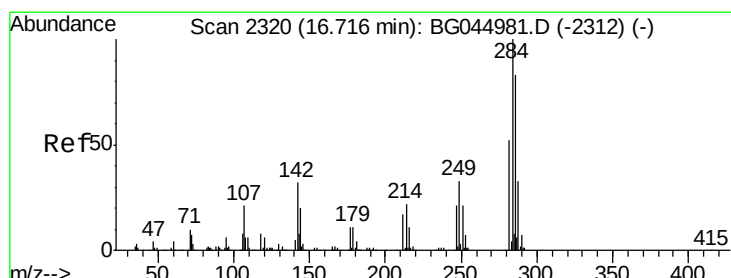
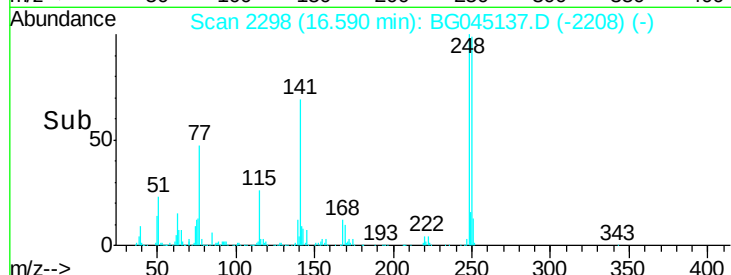
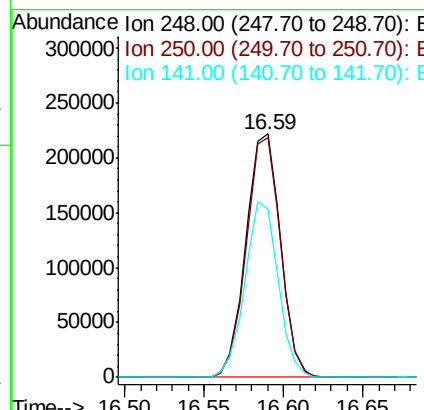
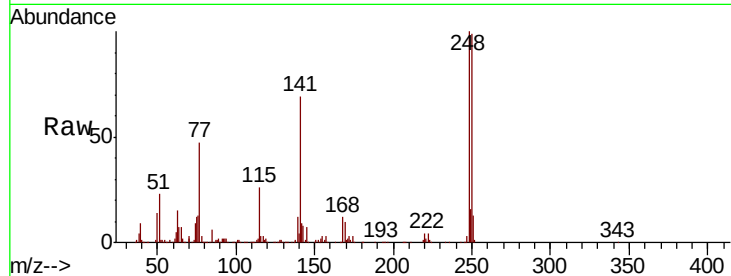




#67
4-Bromophenyl-phenylether
Concen: 53.230 ng
RT: 16.59 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

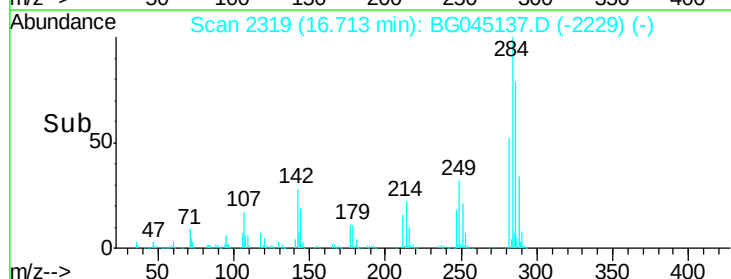
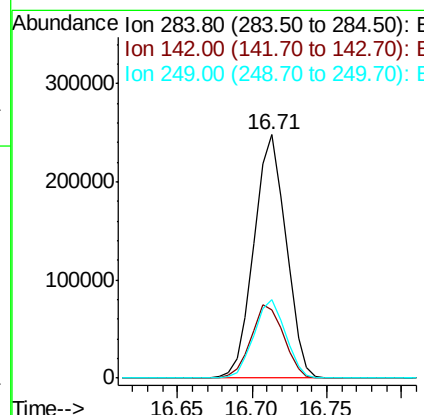
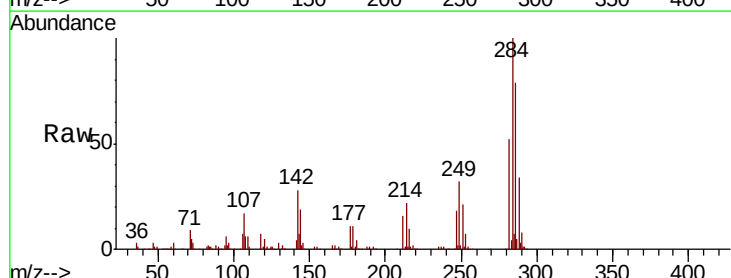
Instrument :
BNA_G
ClientSampleId :

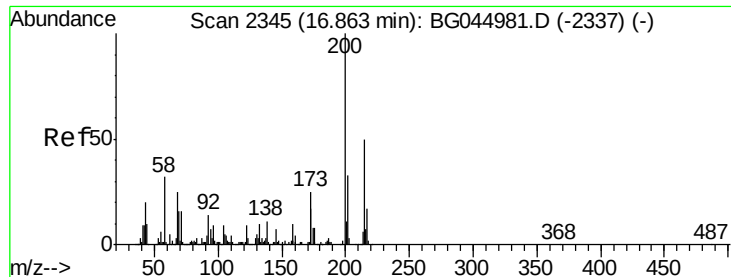
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	75.4	113.2
141	68.9	54.4	81.6



#68
Hexachlorobenzene
Concen: 56.443 ng
RT: 16.71 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	25.8	38.6
249	32.4	26.6	39.8

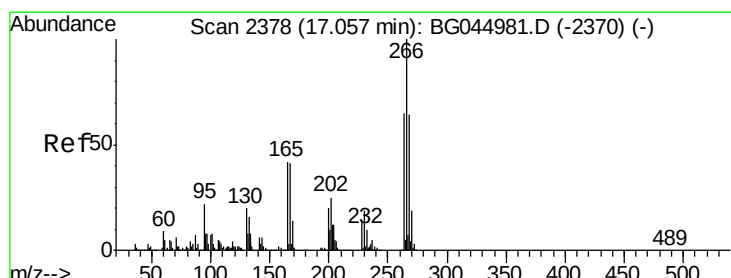
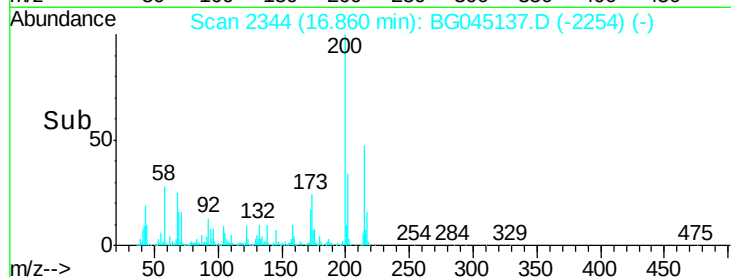
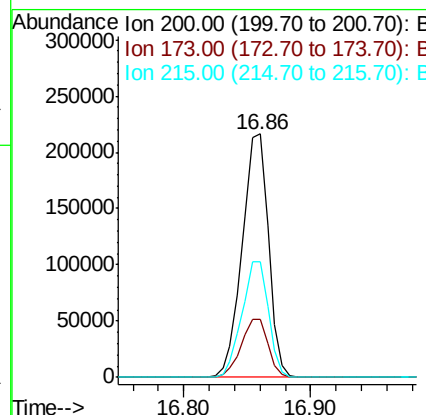
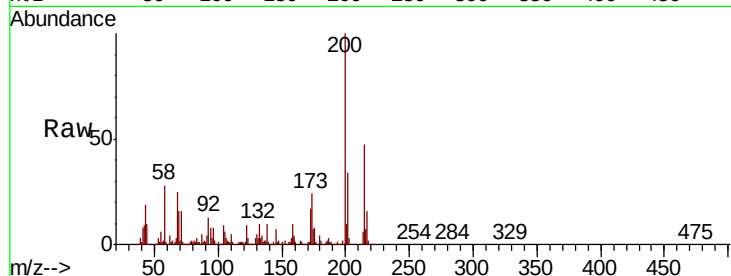




#69
Atrazine
Concen: 62.590 ng
RT: 16.86 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

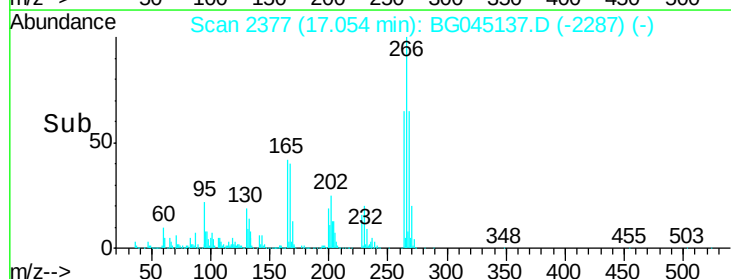
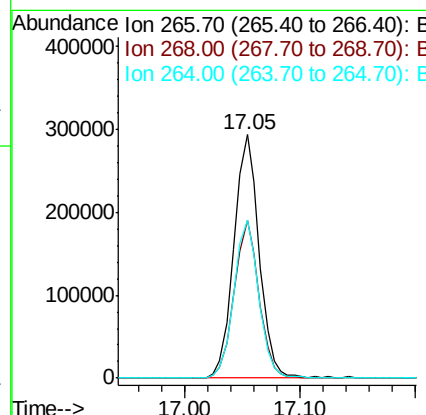
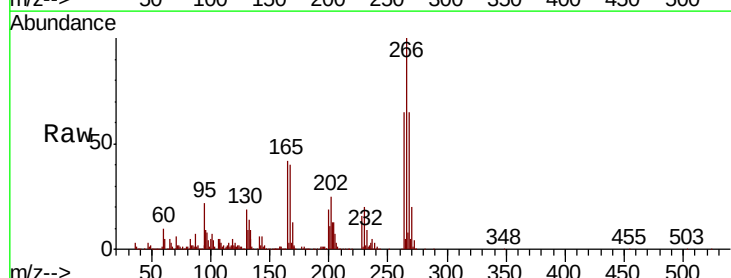
Instrument :
BNA_G
ClientSampled :

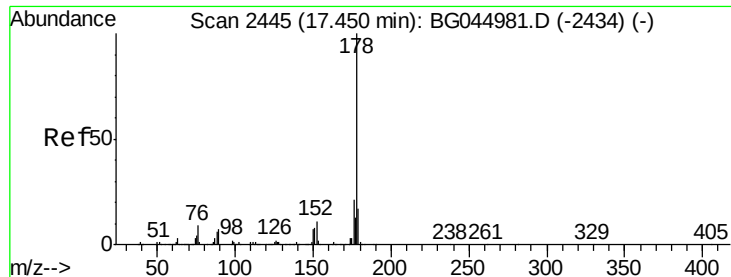
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	4.5	44.5
215	47.3	30.0	70.0



#70
Pentachlorophenol
Concen: 111.356 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.5	77.3
264	64.7	52.2	78.4

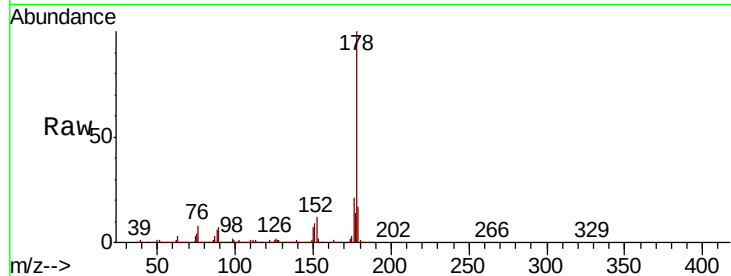




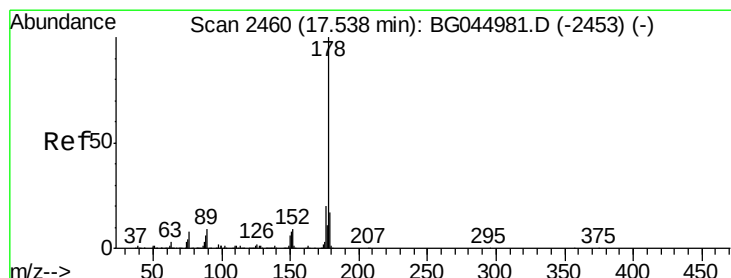
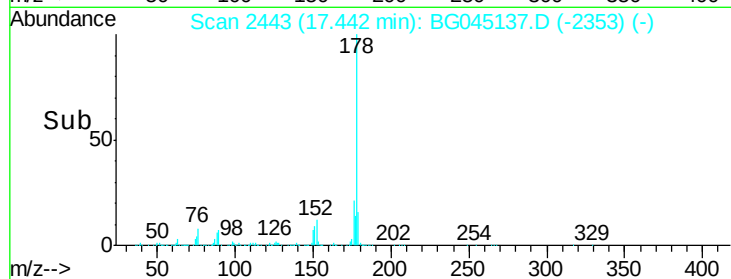
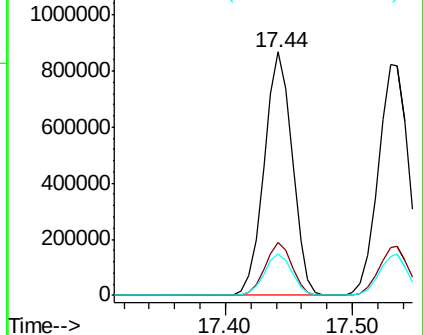
#71
Phenanthrene
Concen: 53.305 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 1333999
Ion Ratio Lower Upper
178 100
176 21.5 16.8 25.2
179 17.0 13.2 19.8

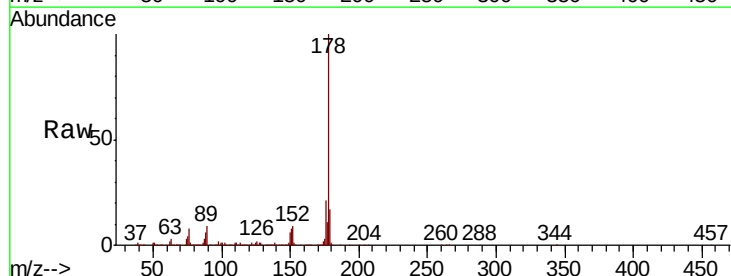


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

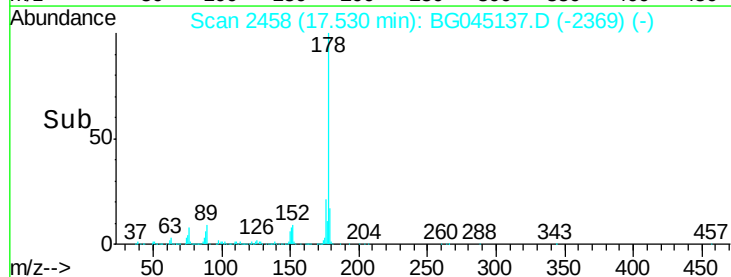
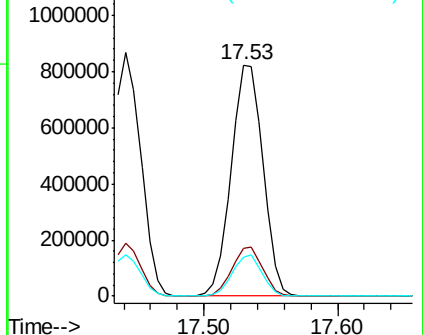


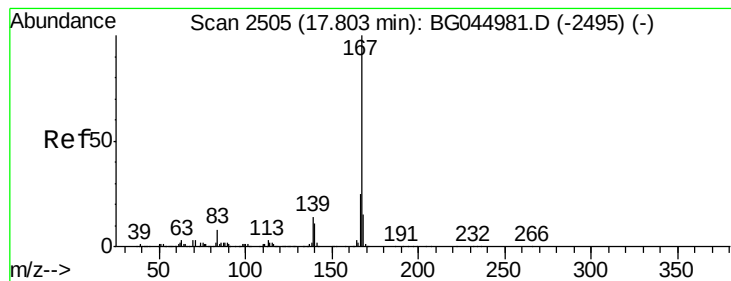
#72
Anthracene
Concen: 54.328 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion:178 Resp: 1363827
Ion Ratio Lower Upper
178 100
176 20.8 16.0 24.0
179 17.0 13.6 20.4



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





#73

Carbazole

Concen: 48.762 ng

RT: 17.80 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampleId :

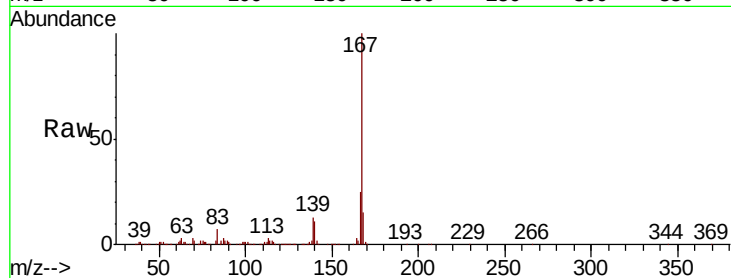
Tot Ion:167 Resp: 1242219

Ion Ratio Lower Upper

167 100

166 25.0 19.8 29.6

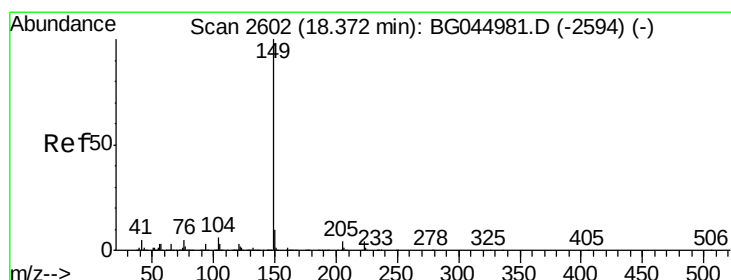
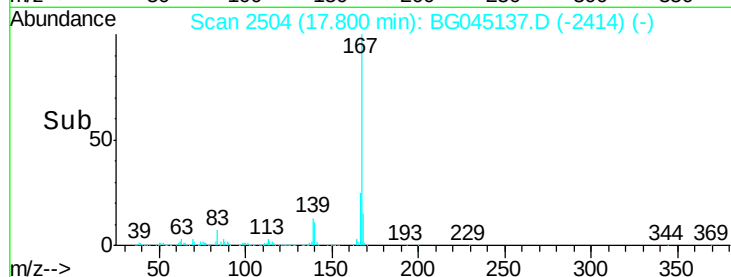
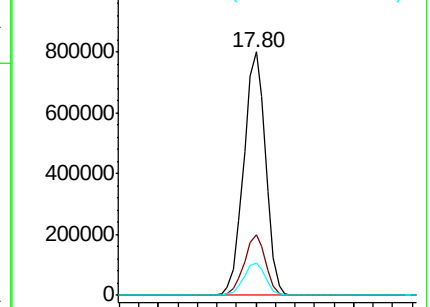
139 13.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 54.355 ng

RT: 18.36 min Scan# 2600

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

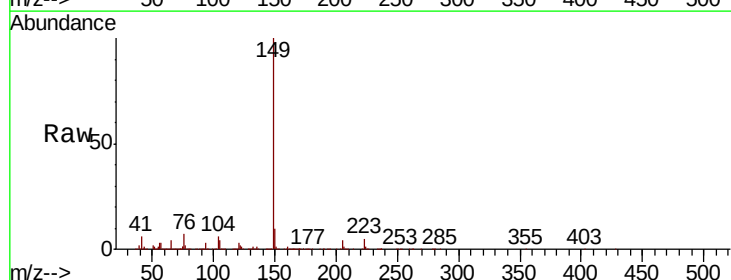
Tgt Ion:149 Resp: 1472311

Ion Ratio Lower Upper

149 100

150 10.1 8.2 12.2

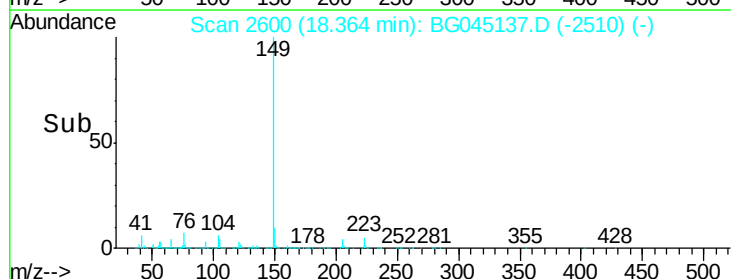
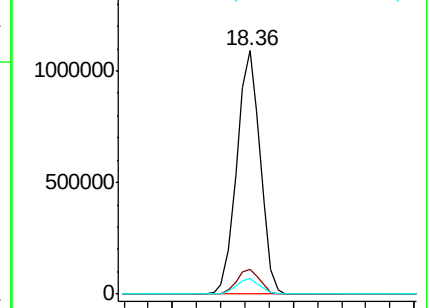
104 6.5 4.8 7.2

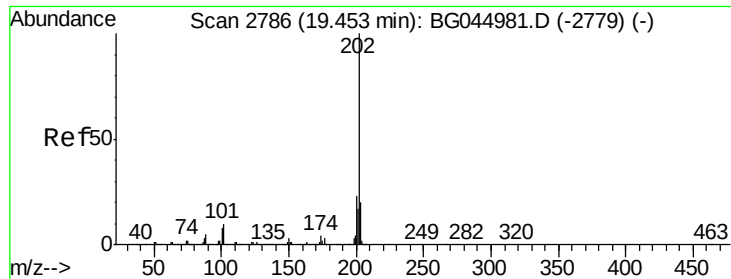


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 56.058 ng

RT: 19.45 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampled :

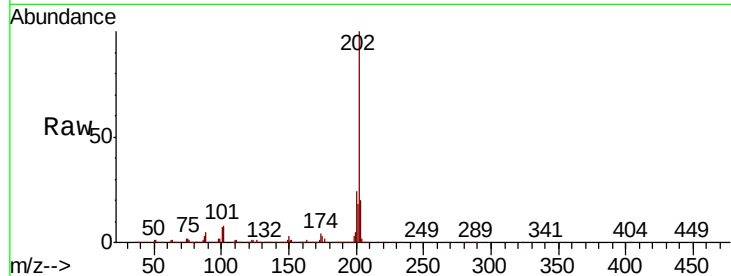
Tot Ion:202 Resp: 1604342

Ion Ratio Lower Upper

202 100

101 8.4 0.0 29.6

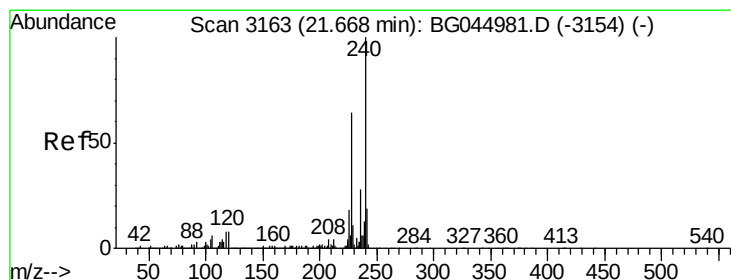
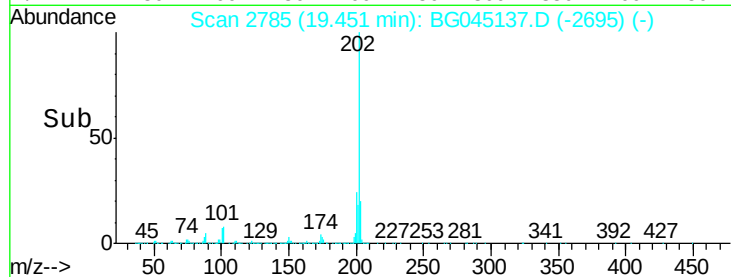
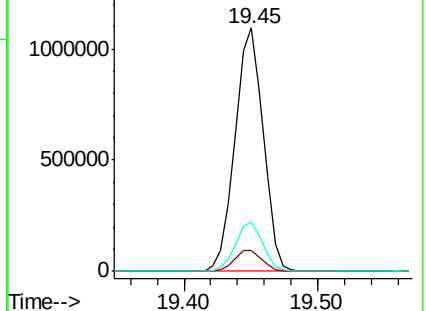
203 20.1 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

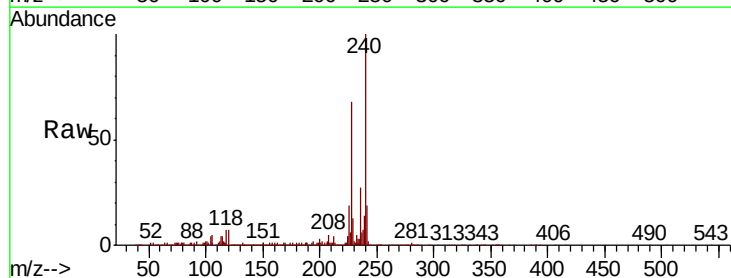
Tgt Ion:240 Resp: 442261

Ion Ratio Lower Upper

240 100

120 6.5 6.6 10.0#

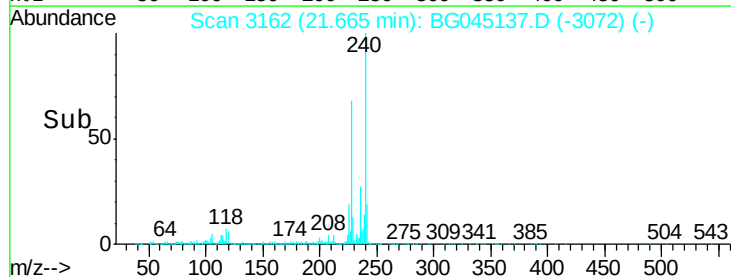
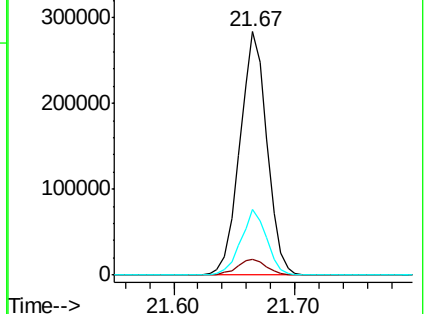
236 27.1 22.2 33.2

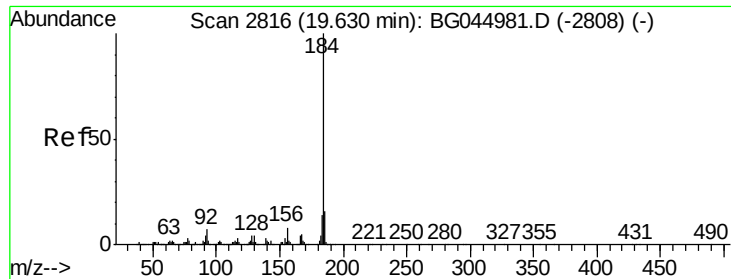


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 62.616 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

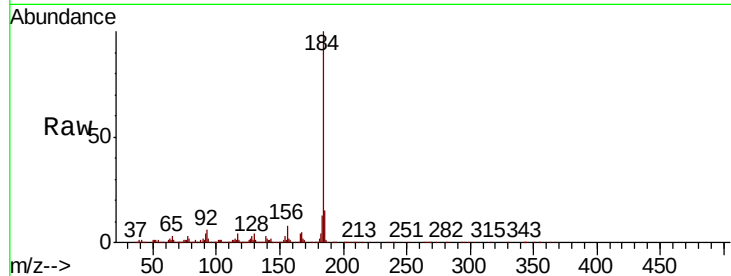
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 772223

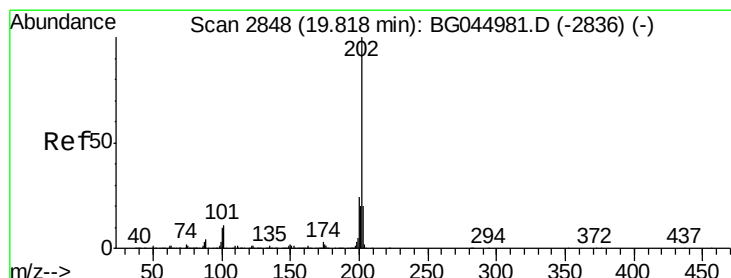
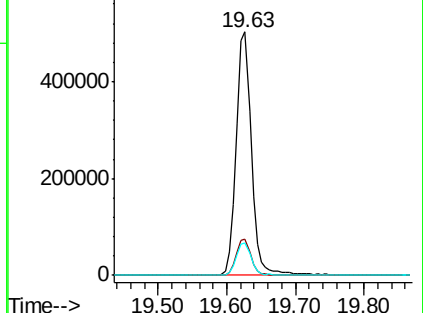
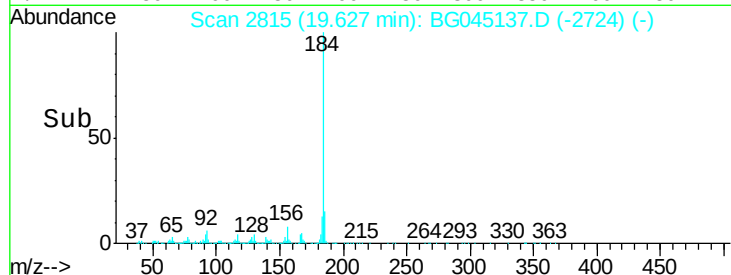
Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	19.0
183	13.1	11.3	16.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.078 ng

RT: 19.81 min Scan# 2846

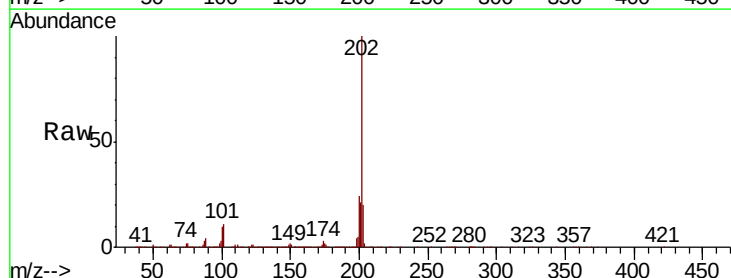
Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Tgt Ion:202 Resp: 1587826

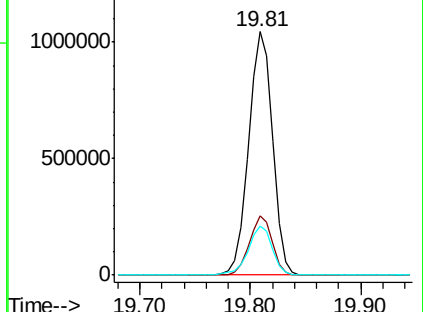
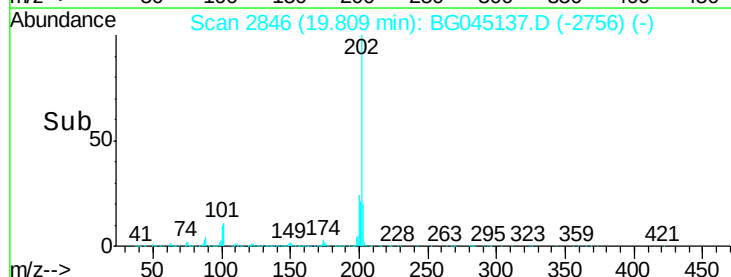
Ion	Ratio	Lower	Upper
202	100		
200	24.4	19.0	28.6
203	20.0	16.1	24.1

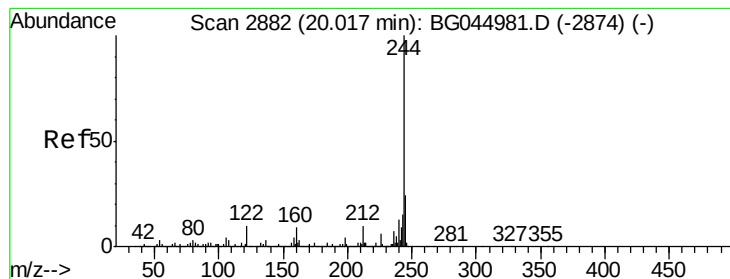


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 107.589 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

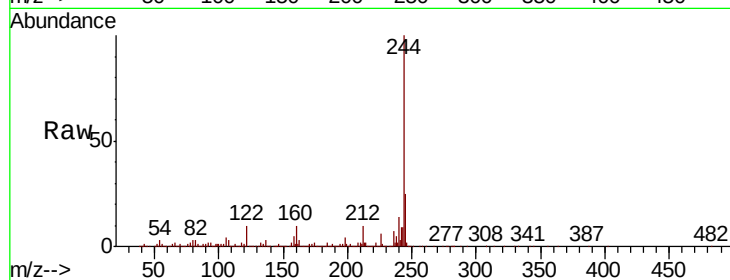
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2183105

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.9	11.9
122	9.6	7.7	11.5

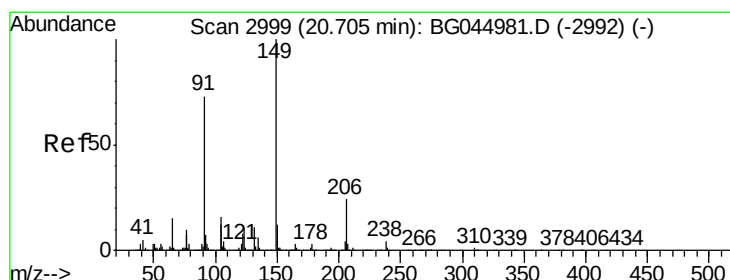
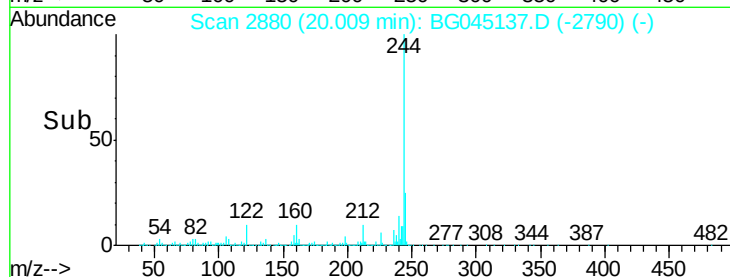
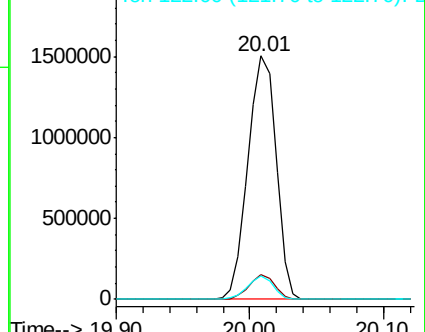


Abundance

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: 51.437 ng

RT: 20.70 min Scan# 2997

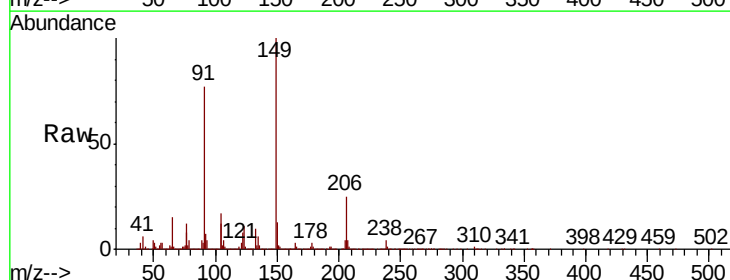
Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Tgt Ion:149 Resp: 650083

Ion	Ratio	Lower	Upper
149	100		
91	77.1	58.5	87.7
206	24.6	19.2	28.8

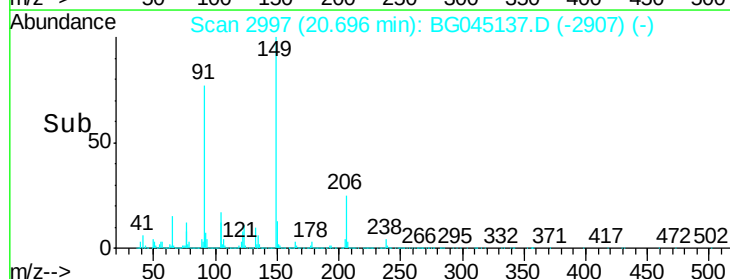
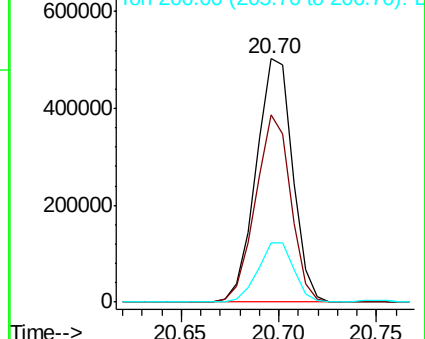


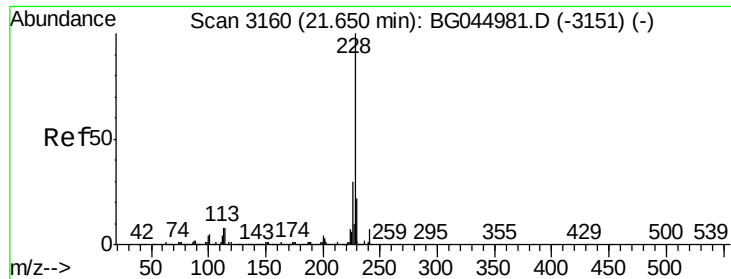
Abundance

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: 53.598 ng

RT: 21.65 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

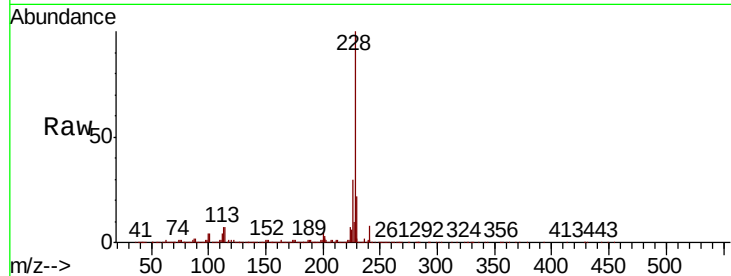
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1536365

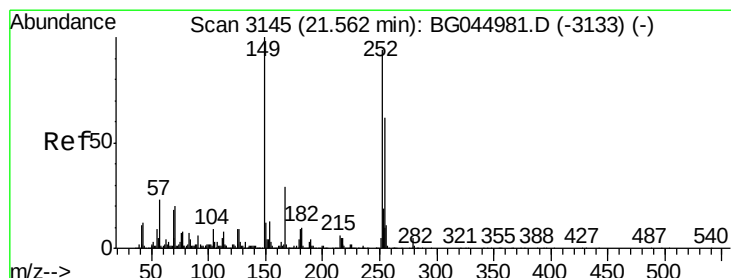
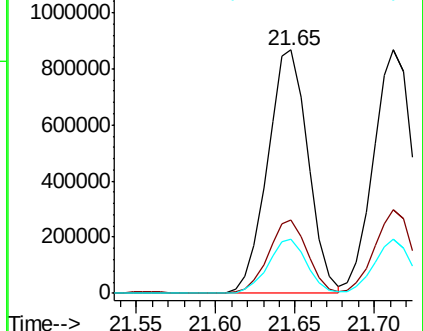
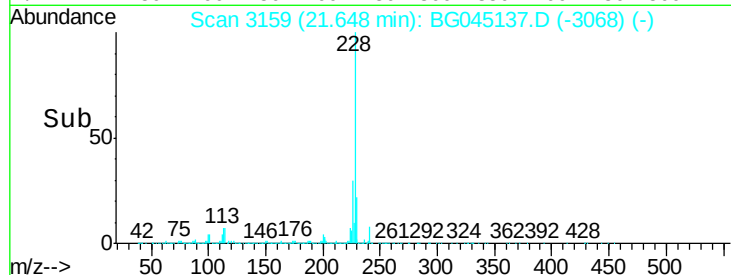
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	22.3	17.5	26.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.781 ng

RT: 21.56 min Scan# 3144

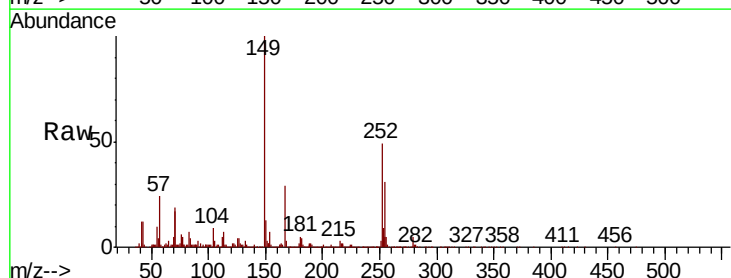
Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Tgt Ion:252 Resp: 453868

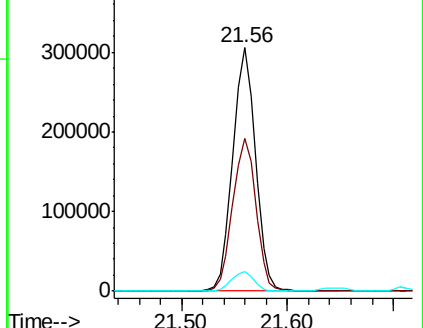
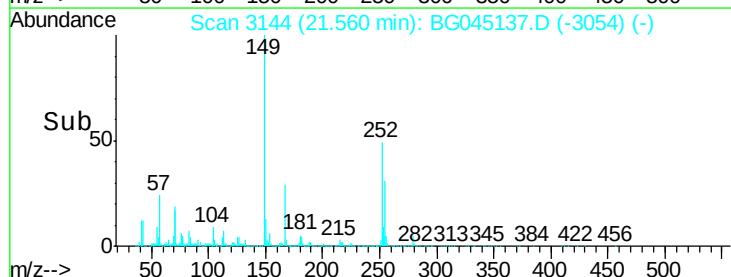
Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.6	79.0
126	8.0	7.5	11.3

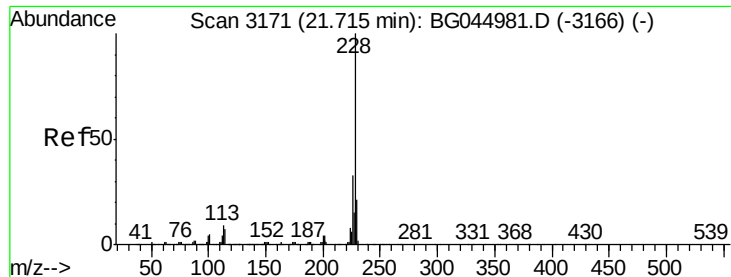


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



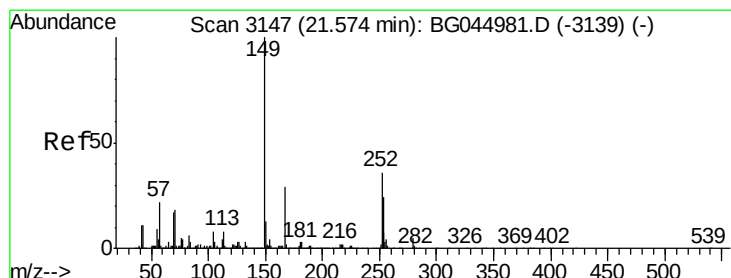
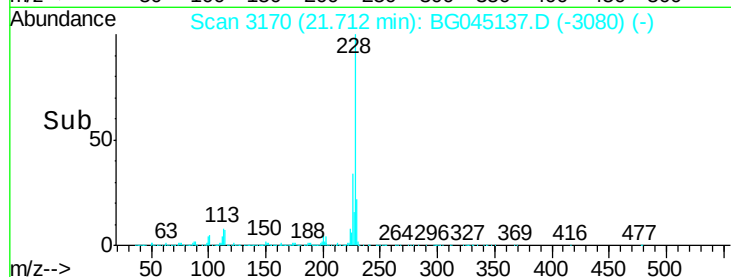
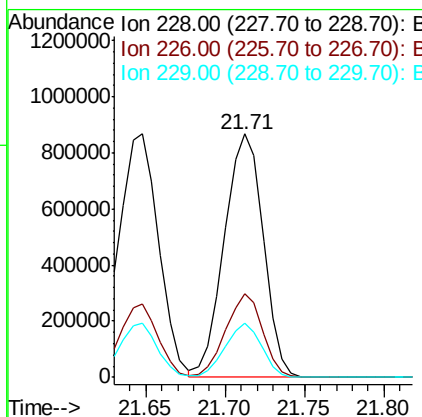
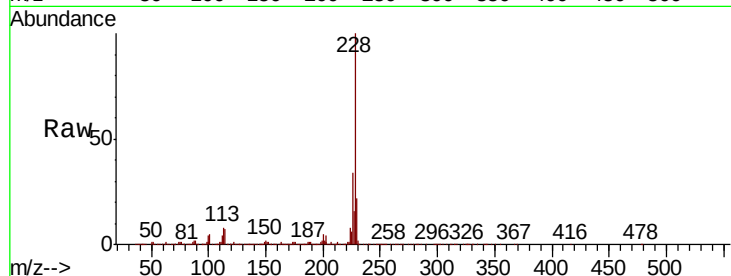


#83
 Chrysene
 Concen: 53.491 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1473234

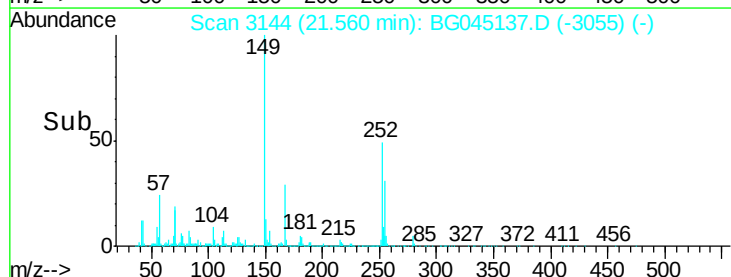
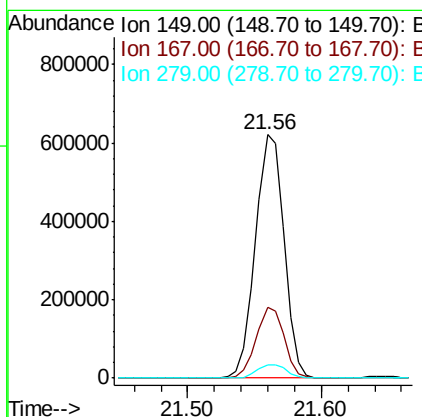
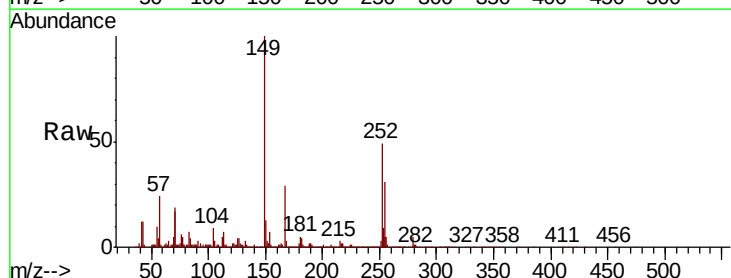
Ion	Ratio	Lower	Upper
228	100		
226	34.4	26.2	39.4
229	22.1	17.0	25.6

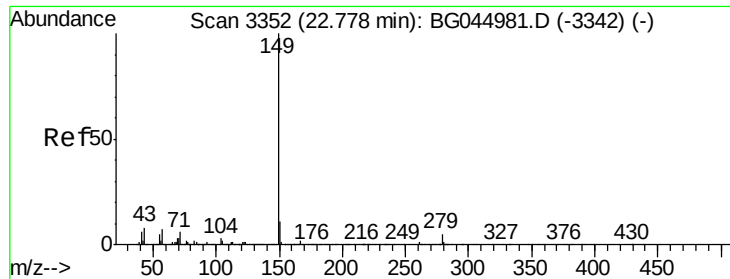


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.363 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion:149 Resp: 910184

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.0
279	5.5	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 50.965 ng

RT: 22.76 min Scan# 3349

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampleId :

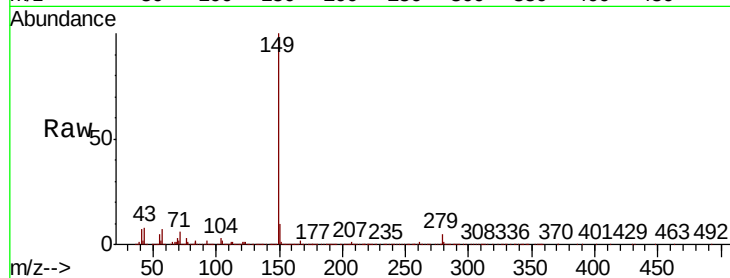
Tot Ion:149 Resp: 1531906

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

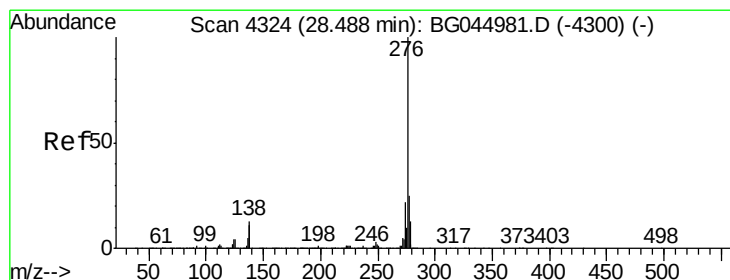
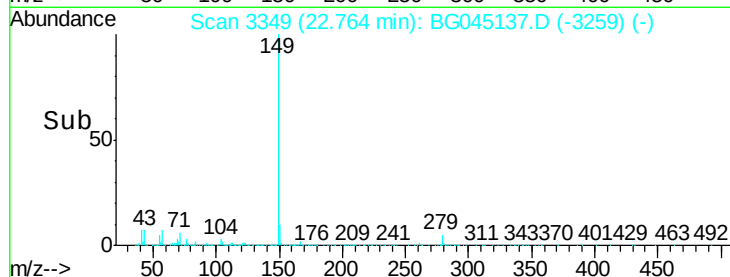
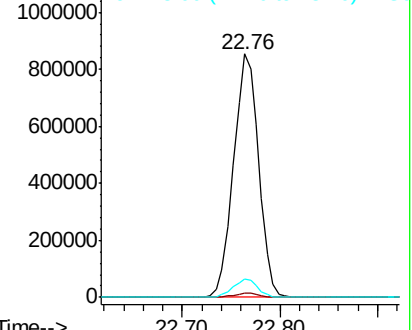
43 7.3 5.7 8.5



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: 54.782 ng

RT: 28.49 min Scan# 4323

Delta R.T. 0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

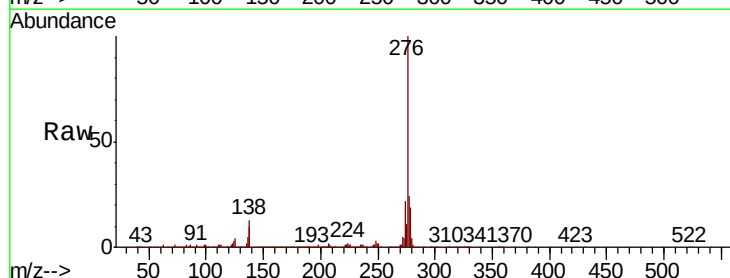
Tgt Ion:276 Resp: 2003193

Ion Ratio Lower Upper

276 100

138 10.0 9.6 14.4

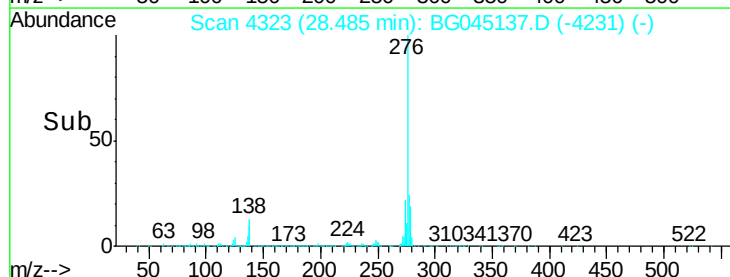
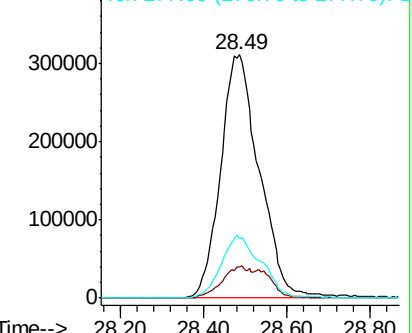
277 26.5 20.6 31.0

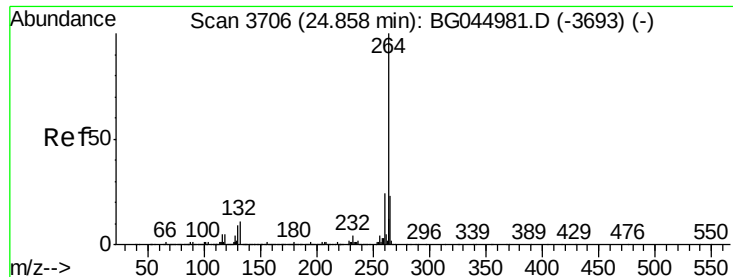


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.85 min Scan# 3704

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampled :

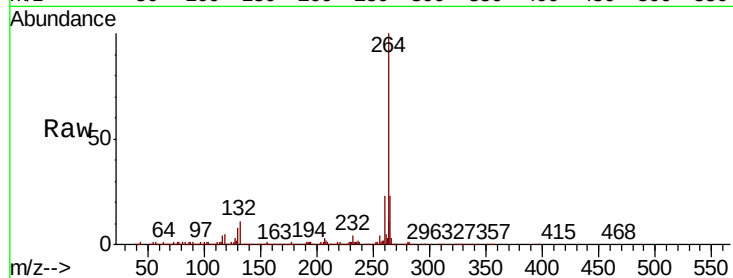
Tot Ion:264 Resp: 485160

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	23.4	19.0	28.4

264 100

260 22.6 19.2 28.8

265 23.4 19.0 28.4

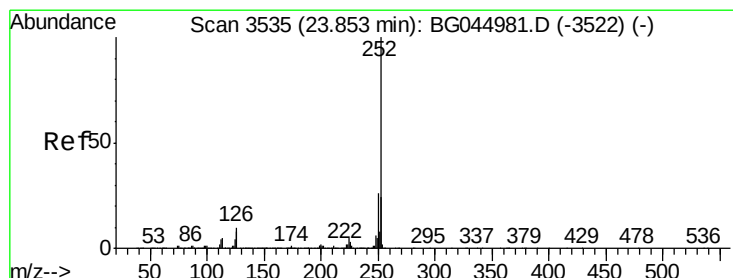
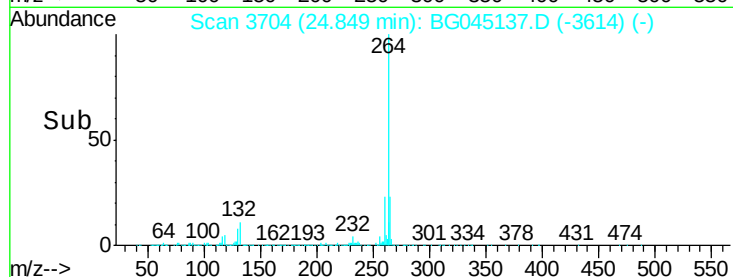
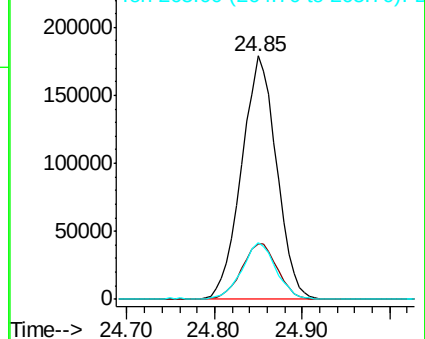


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 55.205 ng

RT: 23.85 min Scan# 3534

Delta R.T. 0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

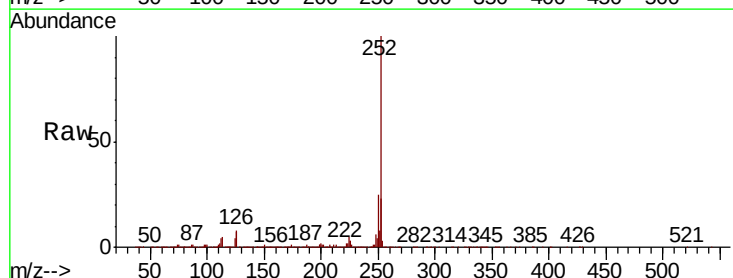
Tgt Ion:252 Resp: 1677678

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.8	28.2
125	6.8	6.2	9.4

252 100

253 23.4 18.8 28.2

125 6.8 6.2 9.4

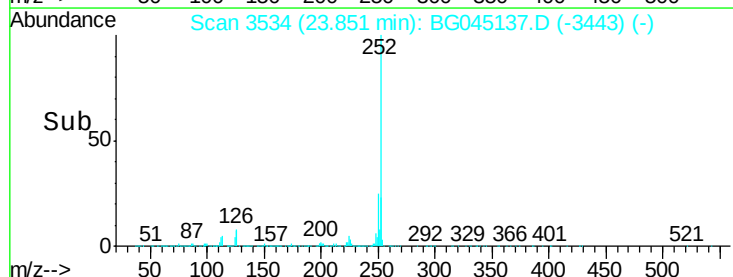
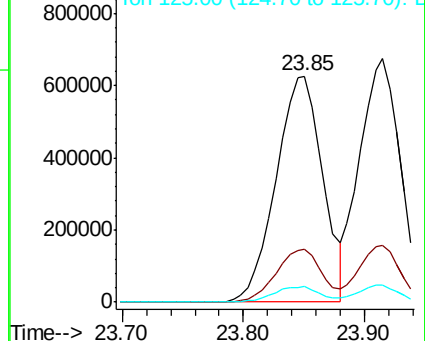


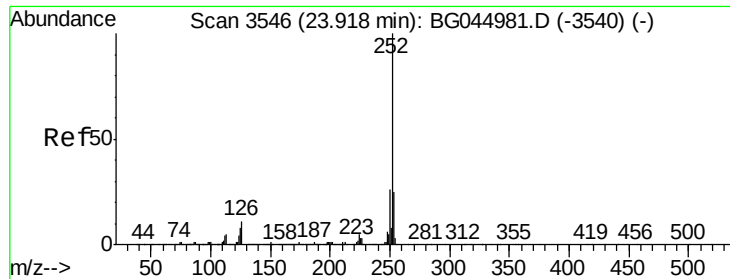
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 54.498 ng

RT: 23.92 min Scan# 3545

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampled :

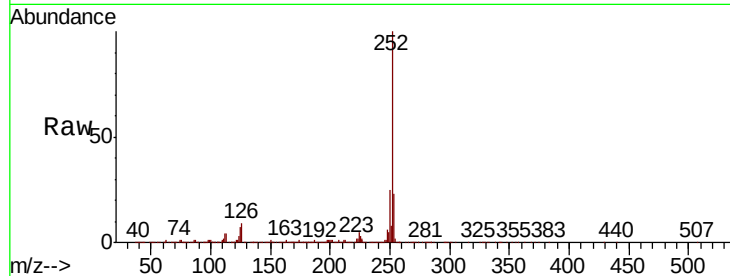
Tot Ion:252 Resp: 1575057

Ion Ratio Lower Upper

252 100

253 23.1 19.2 28.8

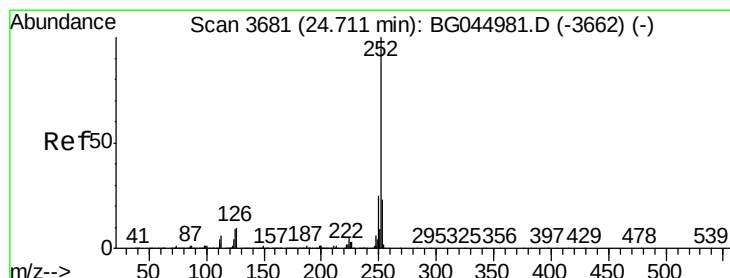
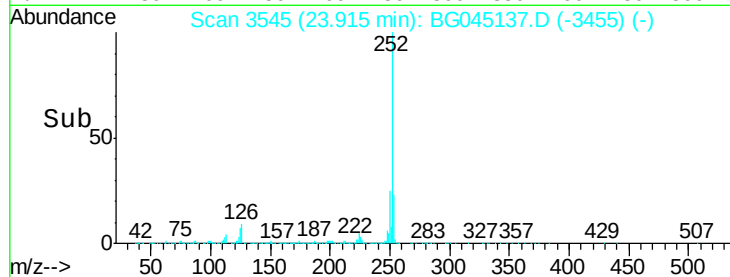
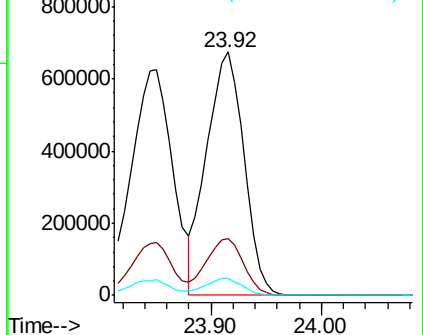
125 7.0 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 53.376 ng

RT: 24.71 min Scan# 3680

Delta R.T. 0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

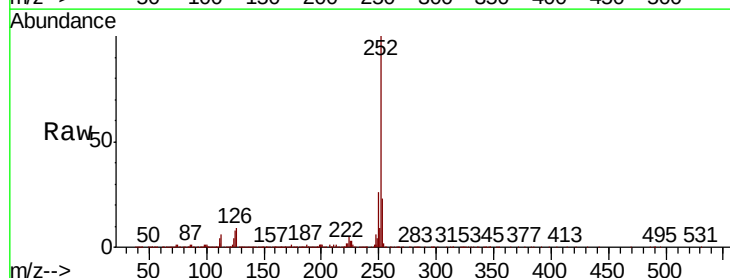
Tgt Ion:252 Resp: 1531536

Ion Ratio Lower Upper

252 100

253 23.3 18.3 27.5

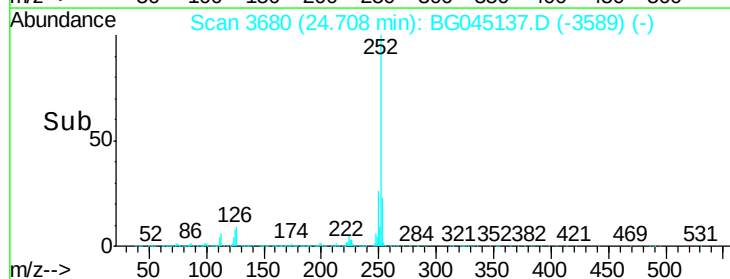
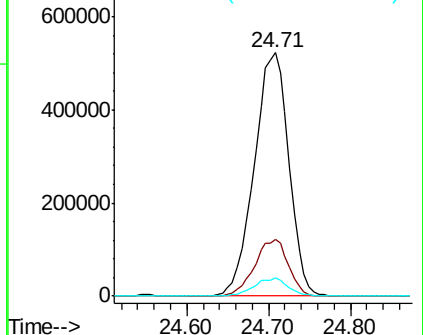
125 7.6 7.0 10.6

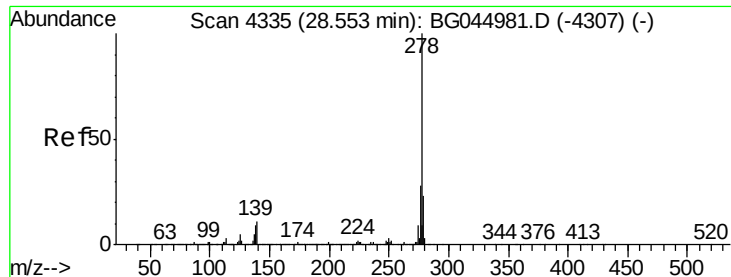


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

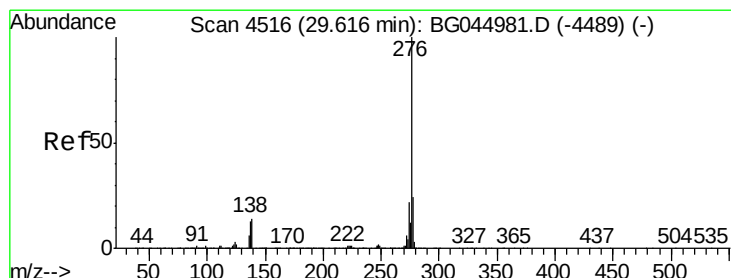
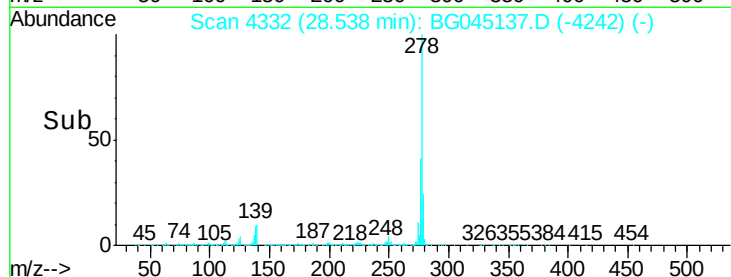
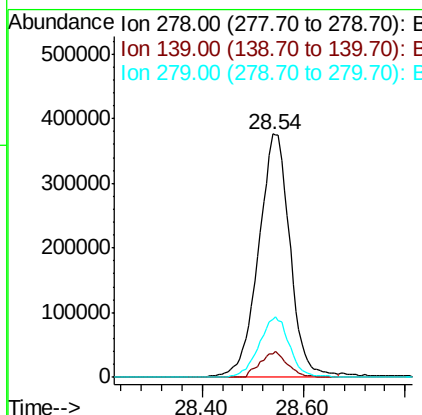
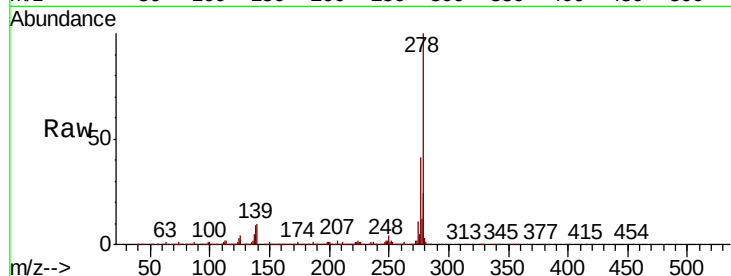




#91
Dibenzo(a,h)anthracene
Concen: 56.188 ng
RT: 28.54 min Scan# 4332
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 1624522
Ion Ratio Lower Upper
278 100
139 9.6 9.0 13.6
279 24.0 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 54.680 ng
RT: 29.61 min Scan# 4515
Delta R.T. 0.01 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion:276 Resp: 1584976
Ion Ratio Lower Upper
276 100
277 23.6 19.3 28.9
138 13.2 11.4 17.2

