

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042940.D
 Acq On : 30 Sep 2019 13:03
 Operator : JU
 Sample : PB123461BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 07:08:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	66842	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	254626	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	182584	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	436124	20.00	ng	0.00
76) Chrysene-d12	21.71	240	536728	20.00	ng	0.00
87) Perylene-d12	24.94	264	552655	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	432251	115.41	ng	0.00
7) Phenol-d6	7.25	99	591829	109.73	ng	0.00
23) Nitrobenzene-d5	9.23	82	356421	68.04	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	332623	105.94	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	865282	68.70	ng	0.00
79) Terphenyl-d14	20.04	244	1761774	69.94	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.55	88	57216	36.640	ng	98
3) Pyridine	3.95	79	138415	31.514	ng	98
4) n-Nitrosodimethylamine	3.86	42	93249	44.149	ng	# 94
6) Aniline	7.40	93	219855	33.768	ng	98
8) 2-Chlorophenol	7.64	128	178355	45.662	ng	95
9) Benzaldehyde	7.21	77	102964	31.240	ng	92
10) Phenol	7.27	94	227952	46.065	ng	99
11) bis(2-Chloroethyl)ether	7.49	93	164587	42.987	ng	98
12) 1,3-Dichlorobenzene	7.96	146	198227	39.782	ng	100
13) 1,4-Dichlorobenzene	8.11	146	205042	41.279	ng	98
14) 1,2-Dichlorobenzene	8.43	146	194903	41.214	ng	94
15) Benzyl Alcohol	8.32	79	175836	43.361	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	291229	39.607	ng	99
17) 2-Methylphenol	8.52	107	152742	44.113	ng	97
18) Hexachloroethane	9.16	117	72931	38.985	ng	99
19) n-Nitroso-di-n-propylamine	8.87	70	142302	40.180	ng	99
20) 3+4-Methylphenols	8.85	107	210321	44.324	ng	99
22) Acetophenone	8.89	105	271432	41.355	ng	# 97
24) Nitrobenzene	9.27	77	219854	43.998	ng	98
25) Isophorone	9.80	82	395106	42.937	ng	99
26) 2-Nitrophenol	9.99	139	97166	45.679	ng	96
27) 2,4-Dimethylphenol	10.05	122	165681	50.718	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	219421	42.028	ng	98
29) 2,4-Dichlorophenol	10.53	162	187939	46.258	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	218178	41.584	ng	98
31) Naphthalene	10.93	128	544070	43.407	ng	99
32) Benzoic acid	10.19	122	96311	39.438	ng	97
33) 4-Chloroaniline	11.04	127	136413	25.081	ng	98
34) Hexachlorobutadiene	11.21	225	160674	40.900	ng	98
35) Caprolactam	11.81	113	25675	17.920	ng	95
36) 4-Chloro-3-methylphenol	12.15	107	201044	45.511	ng	98
37) 2-Methylnaphthalene	12.52	142	414159	43.313	ng	96
38) 1-Methylnaphthalene	12.75	142	383561	42.392	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	273379	39.822	ng	99

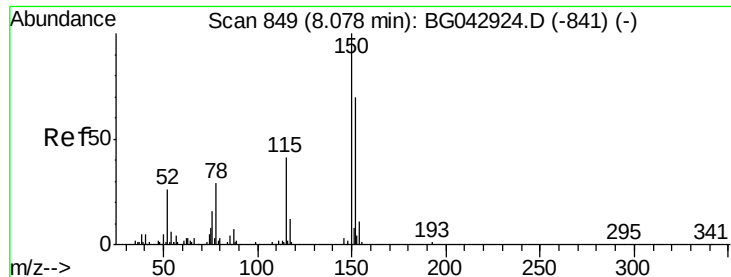
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042940.D
 Acq On : 30 Sep 2019 13:03
 Operator : JU
 Sample : PB123461BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	386853	88.442	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	176248	43.863	ng	97
44) 2,4,5-Trichlorophenol	13.21	196	186740	45.114	ng	97
46) 1,1'-Biphenyl	13.53	154	550681	39.771	ng	99
47) 2-Chloronaphthalene	13.57	162	438393	42.230	ng	99
48) 2-Nitroaniline	13.78	65	146342	42.391	ng	93
49) Acenaphthylene	14.42	152	695667	43.795	ng	98
50) Dimethylphthalate	14.15	163	558272	40.808	ng	99
51) 2,6-Dinitrotoluene	14.26	165	126624	43.464	ng	98
52) Acenaphthene	14.76	154	418543	39.365	ng	98
53) 3-Nitroaniline	14.60	138	94603	31.422	ng	96
54) 2,4-Dinitrophenol	14.80	184	164629	90.911	ng	93
55) Dibenzofuran	15.09	168	681747	43.345	ng	98
56) 4-Nitrophenol	14.91	139	209938	91.515	ng	94
57) 2,4-Dinitrotoluene	15.05	165	182085	42.680	ng	98
58) Fluorene	15.74	166	574111	42.754	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	193073	43.808	ng	99
60) Diethylphthalate	15.51	149	575236	41.317	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	330920	41.091	ng	99
62) 4-Nitroaniline	15.76	138	138632	42.219	ng	96
63) Azobenzene	16.03	77	542069	42.765	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	117540	47.628	ng	97
66) n-Nitrosodiphenylamine	15.94	169	511370	44.416	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	230148	42.046	ng	99
68) Hexachlorobenzene	16.74	284	247117	40.546	ng	98
69) Atrazine	16.89	200	200555	41.368	ng	95
70) Pentachlorophenol	17.09	266	333178	94.740	ng	99
71) Phenanthrene	17.48	178	930051	43.681	ng	98
72) Anthracene	17.57	178	950577	44.721	ng	100
73) Carbazole	17.84	167	897390	45.527	ng	99
74) Di-n-butylphthalate	18.40	149	1041416	44.283	ng	100
75) Fluoranthene	19.49	202	1314330	46.670	ng	99
77) Benzidine	19.66	184	427224	31.790	ng	98
78) Pyrene	19.84	202	1339023	41.798	ng	99
80) Butylbenzylphthalate	20.73	149	518231	42.618	ng	98
81) Benzo(a)anthracene	21.69	228	1407775	42.095	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	481417	36.702	ng	98
83) Chrysene	21.75	228	1380994	42.552	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	731994	42.305	ng	98
85) Di-n-octyl phthalate	22.82	149	1219503	43.102	ng	100
86) Indeno(1,2,3-cd)pyrene	28.62	276	1732191	42.873	ng	100
88) Benzo(b)fluoranthene	23.92	252	1483448	47.439	ng	99
89) Benzo(k)fluoranthene	23.98	252	1457086	47.101	ng	99
90) Benzo(a)pyrene	24.79	252	1441113	48.847	ng	98
91) Dibenzo(a,h)anthracene	28.69	278	1462194	48.333	ng	98
92) Benzo(g,h,i)perylene	29.77	276	1431466	48.835	ng	98

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

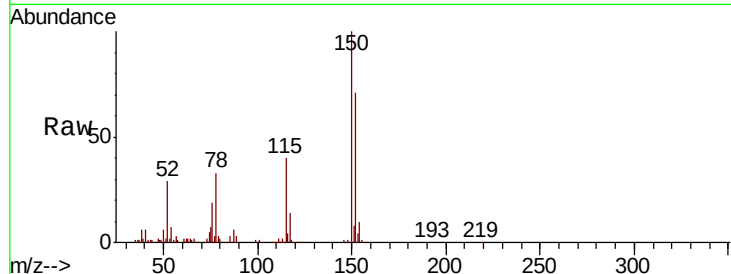


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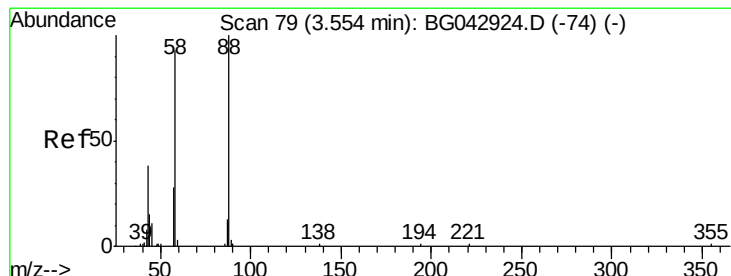
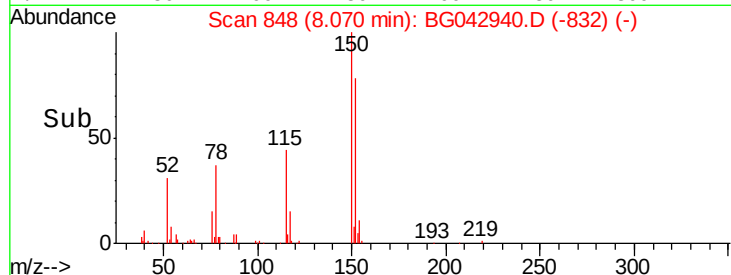
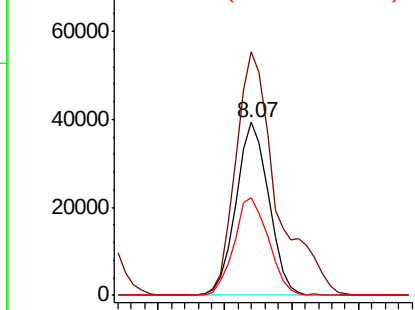
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 66842
Ion Ratio Lower Upper
152 100
150 140.8 115.0 172.4
115 56.8 47.0 70.6



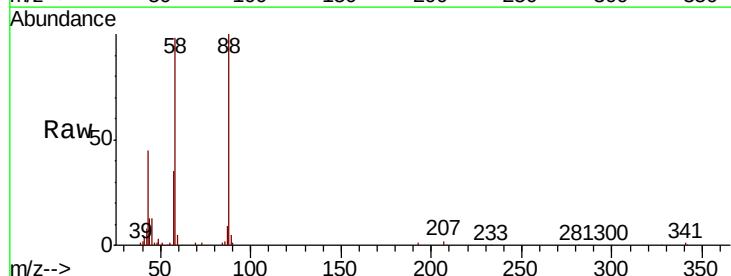
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



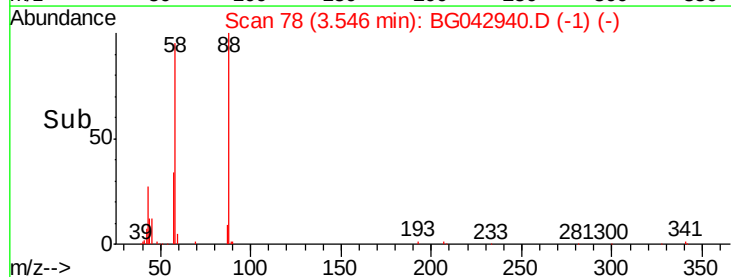
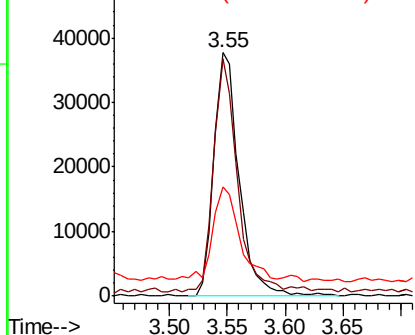
#2

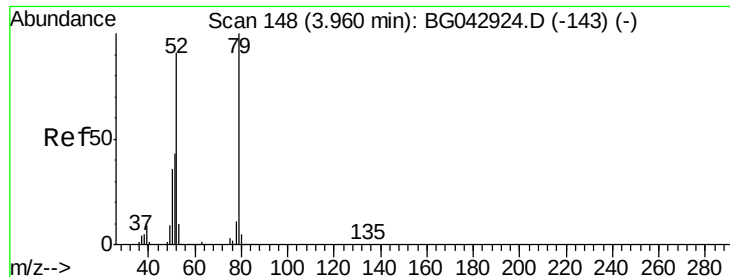
1,4-Dioxane
Concen: 36.640 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion: 88 Resp: 57216
Ion Ratio Lower Upper
88 100
58 90.9 74.3 111.5
43 39.2 29.8 44.8



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





#3

Pvridine

Concen: 31.514 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

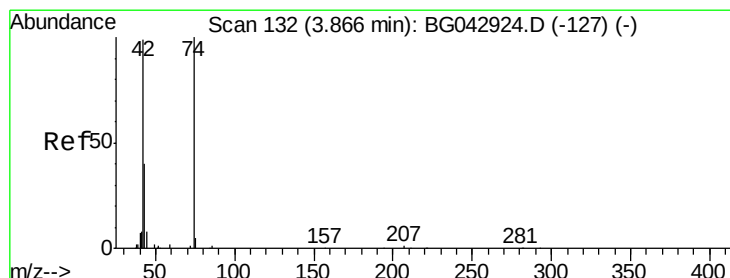
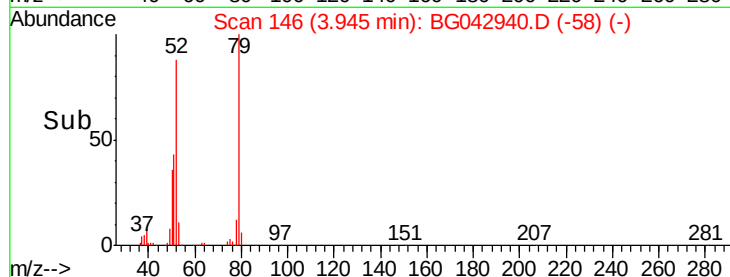
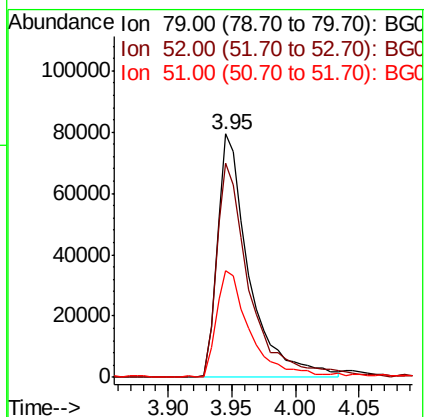
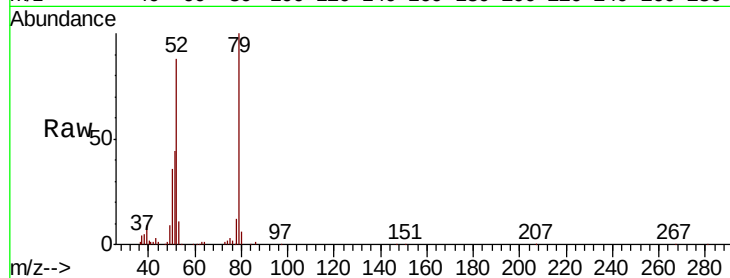
Tot Ion: 79 Resp: 138415

Ion Ratio Lower Upper

79 100

52 88.0 73.0 109.4

51 43.7 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 44.149 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

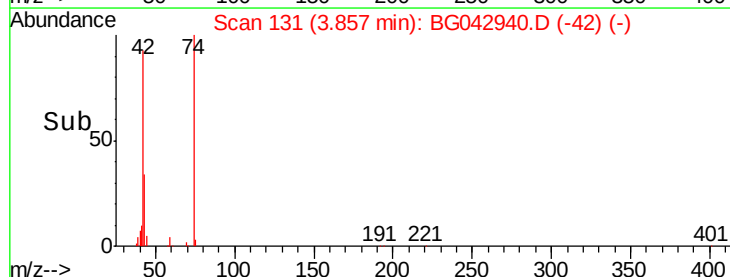
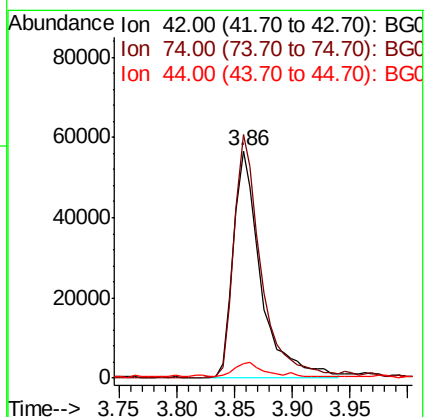
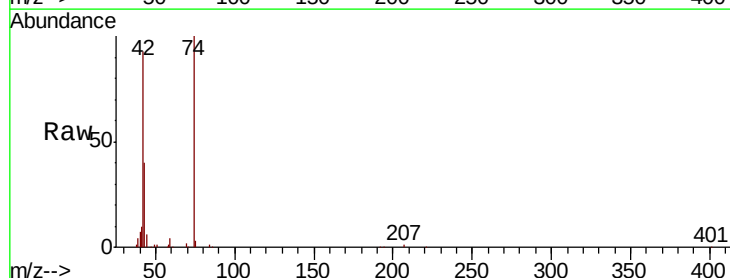
Tgt Ion: 42 Resp: 93249

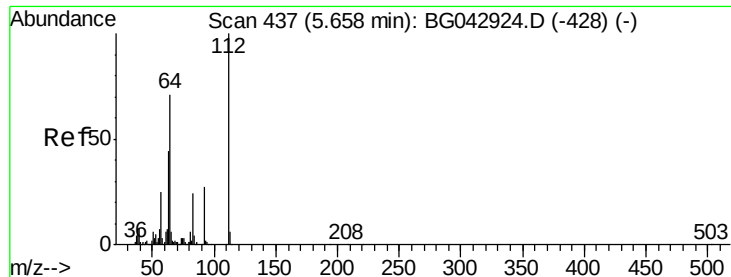
Ion Ratio Lower Upper

42 100

74 107.1 80.5 120.7

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 115.407 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

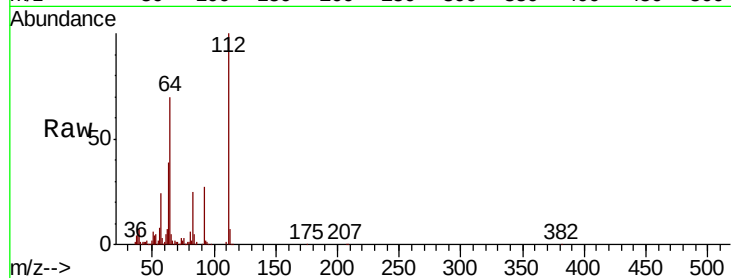
Tot Ion:112 Resp: 432251

Ion Ratio Lower Upper

112 100

64 69.9 56.6 84.8

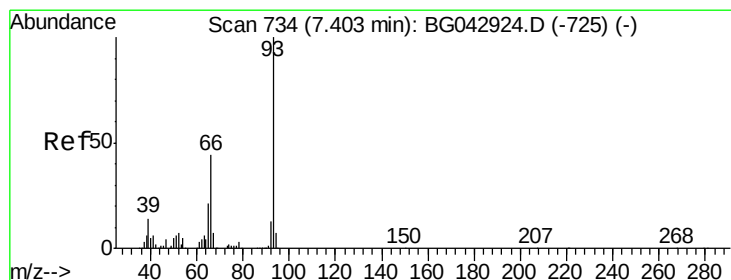
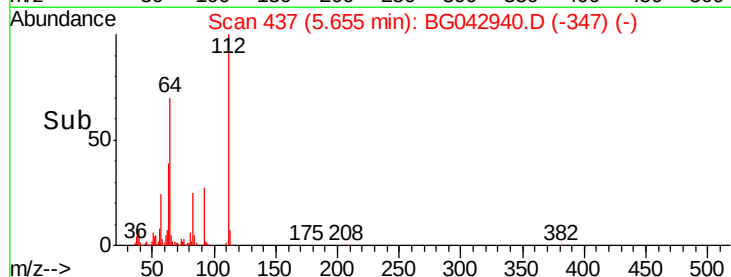
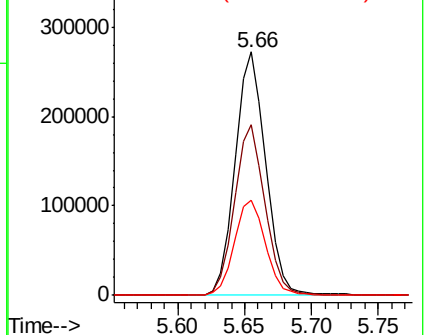
63 39.1 35.1 52.7



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: 33.768 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

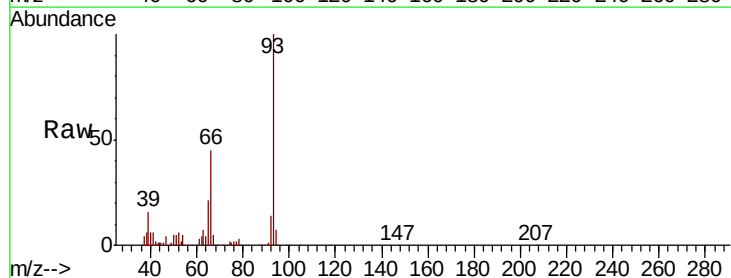
Tgt Ion: 93 Resp: 219855

Ion Ratio Lower Upper

93 100

66 45.4 35.0 52.6

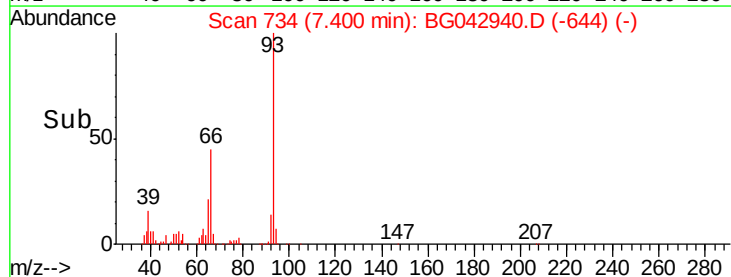
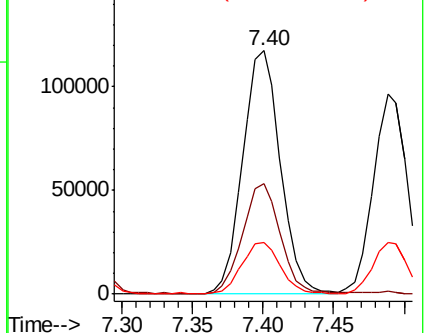
65 21.4 17.4 26.0

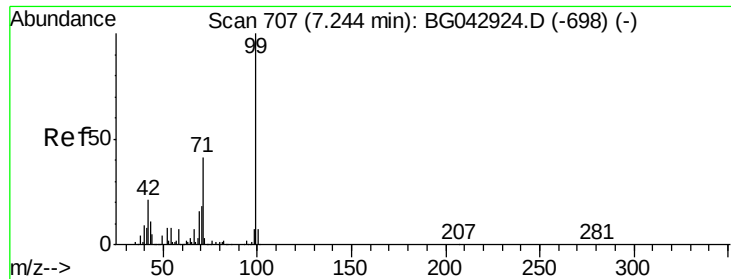


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.727 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

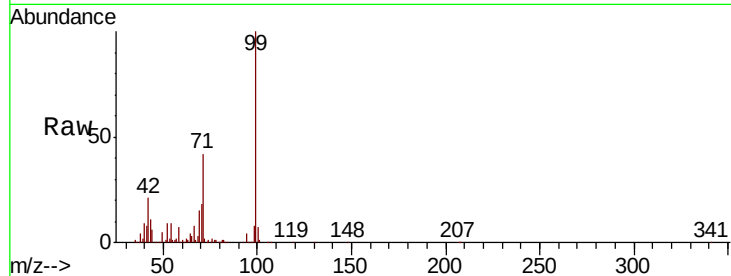
Tot Ion: 99 Resp: 591829

Ion Ratio Lower Upper

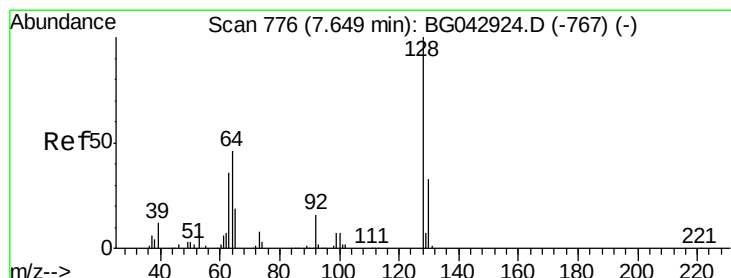
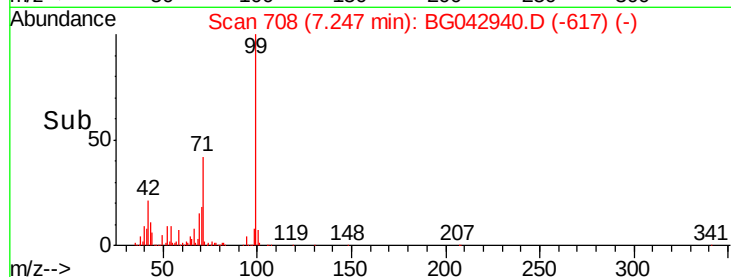
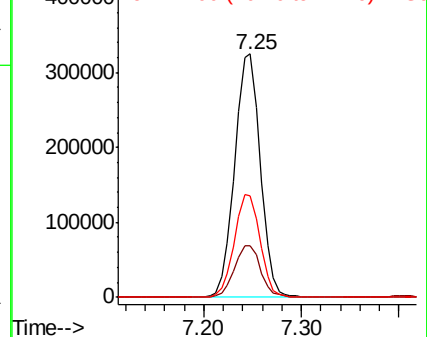
99 100

42 21.0 17.2 25.8

71 41.9 33.1 49.7



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: 45.662 ng

RT: 7.64 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

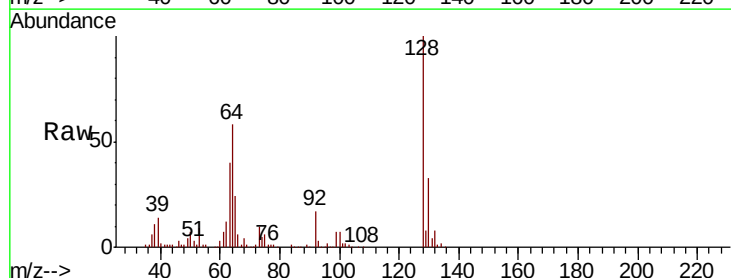
Tgt Ion: 128 Resp: 178355

Ion Ratio Lower Upper

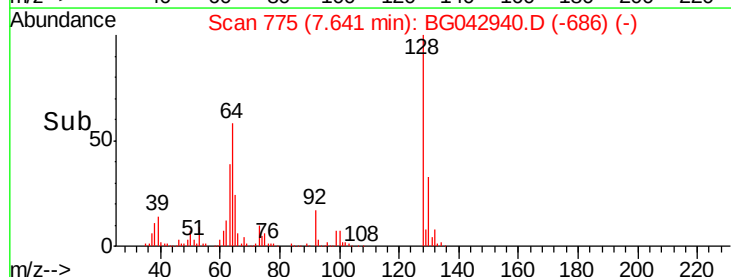
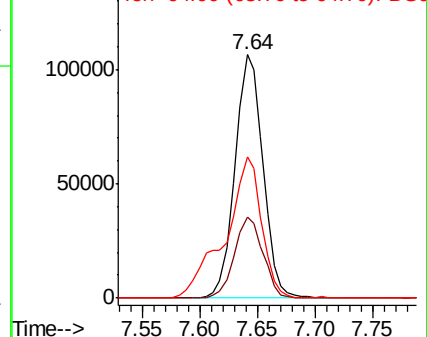
128 100

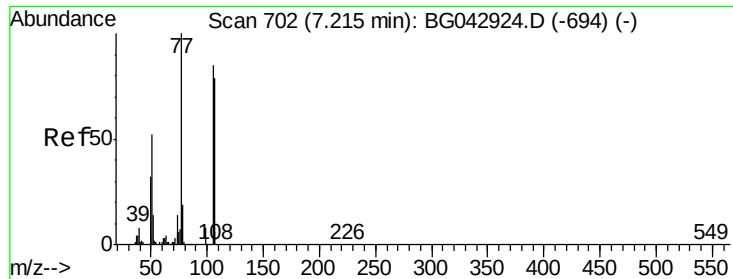
130 33.1 12.5 52.5

64 57.8 32.8 72.8



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: 31.240 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampled :

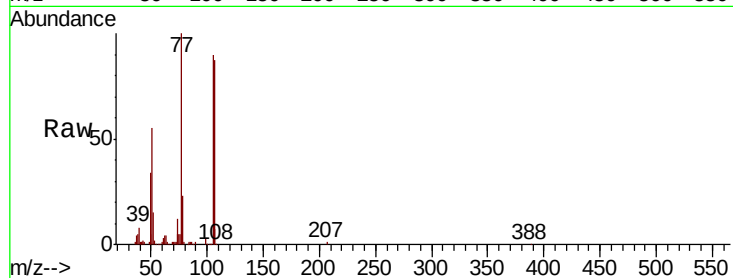
Tot Ion: 77 Resp: 102964

Ion Ratio Lower Upper

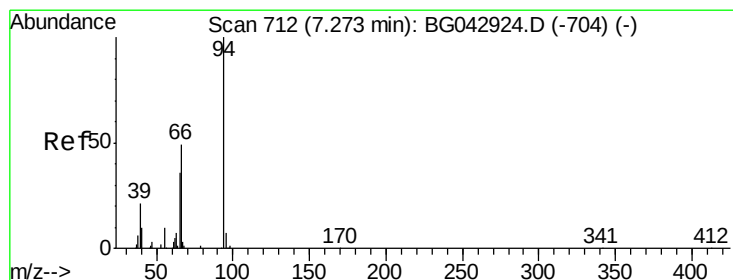
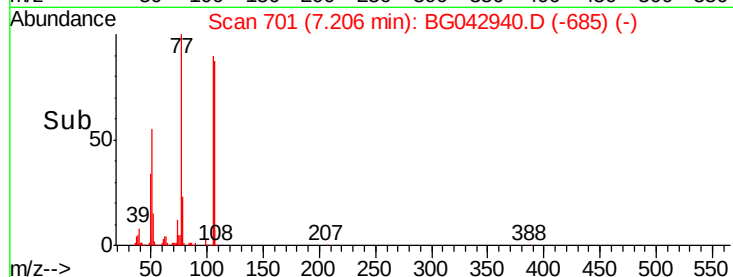
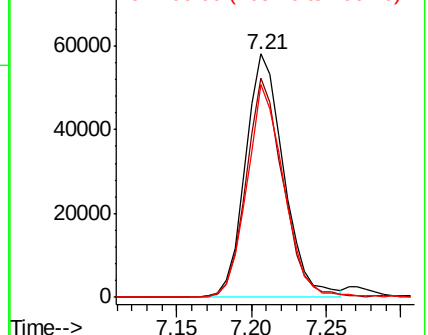
77 100

105 90.2 64.6 104.6

106 87.3 59.4 99.4



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



#10

Phenol

Concen: 46.065 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

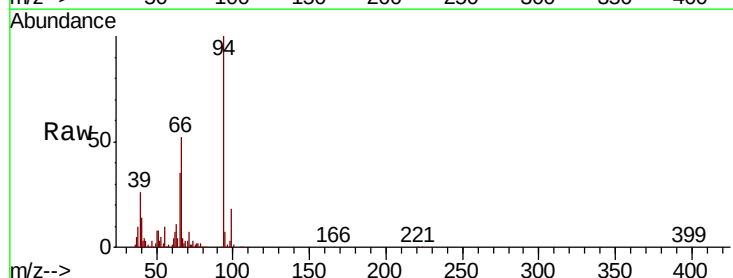
Tgt Ion: 94 Resp: 227952

Ion Ratio Lower Upper

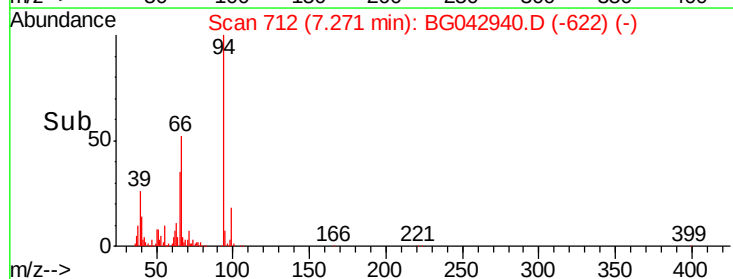
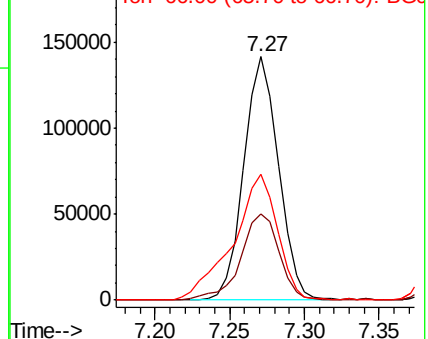
94 100

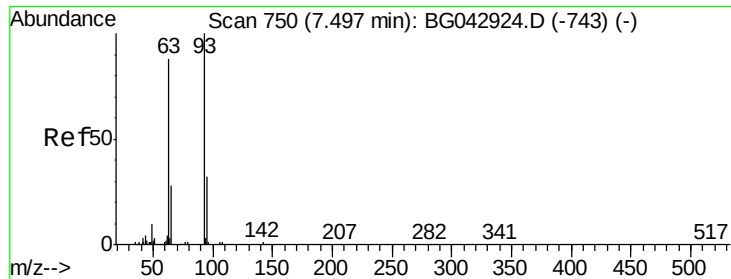
65 35.4 16.6 56.6

66 51.8 32.4 72.4



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

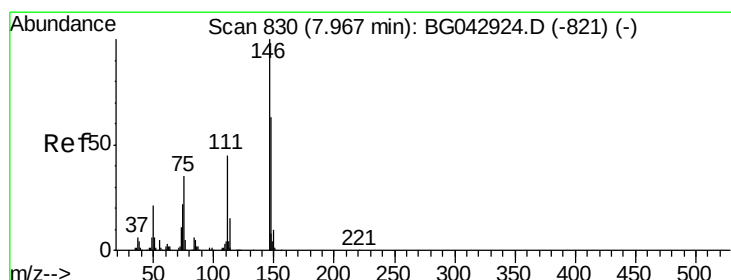
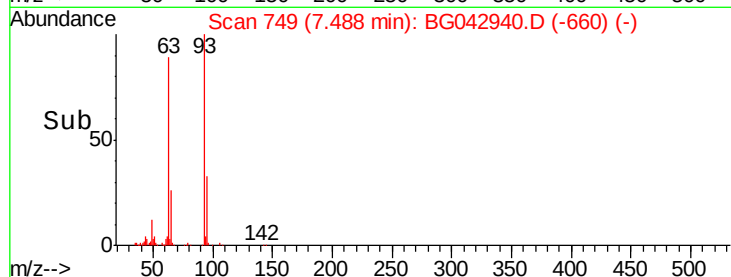
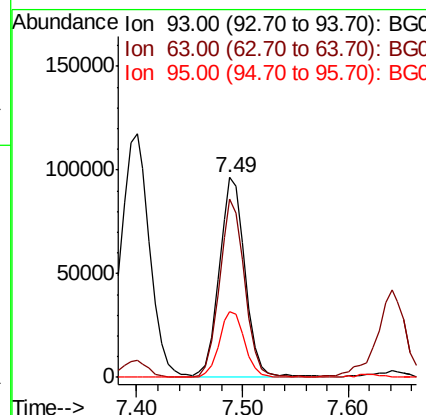
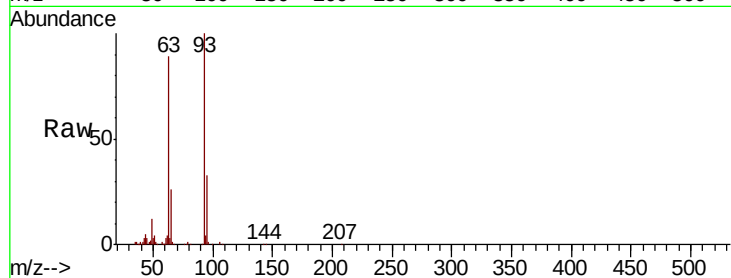




#11
 bis(2-Chloroethyl)ether
 Concen: 42.987 ng
 RT: 7.49 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

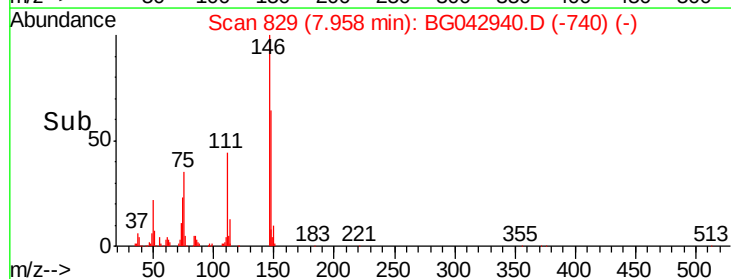
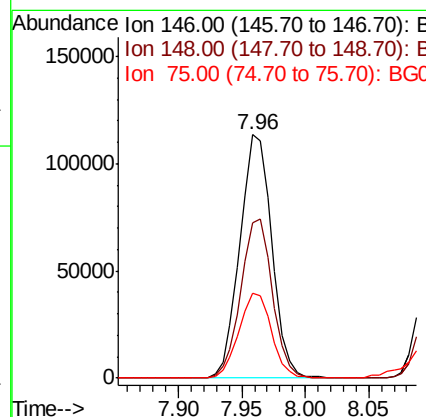
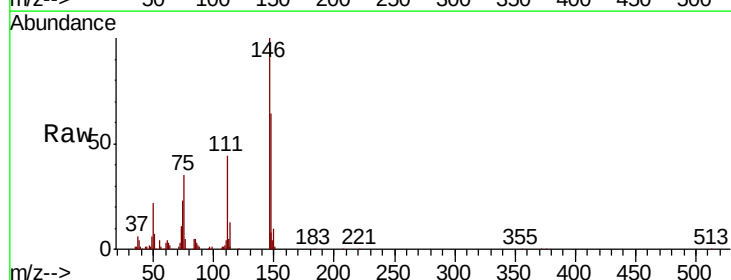
Instrument :
 BNA_G
 ClientSampleId :

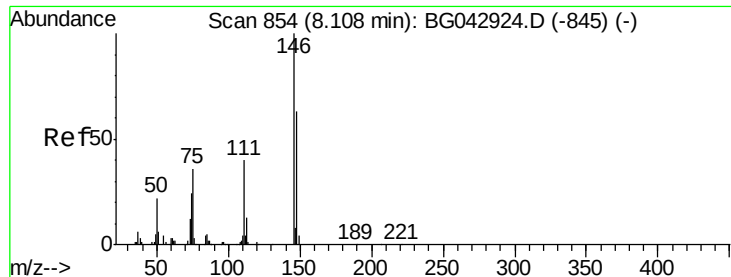
Tot Ion	93	Resp	164587
Ion Ratio	Lower	Upper	
93	100		
63	89.3	67.4	107.4
95	32.9	11.9	51.9



#12
 1,3-Dichlorobenzene
 Concen: 39.782 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Tgt Ion	146	Resp	198227
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.7	76.1
75	34.8	27.7	41.5

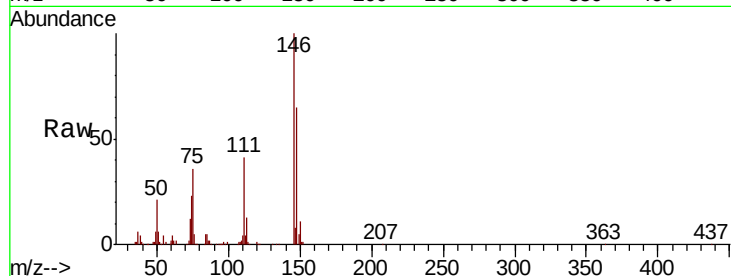




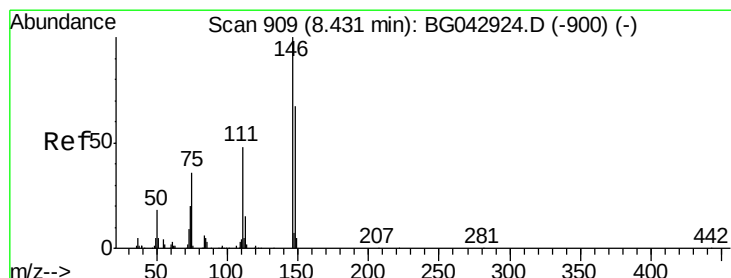
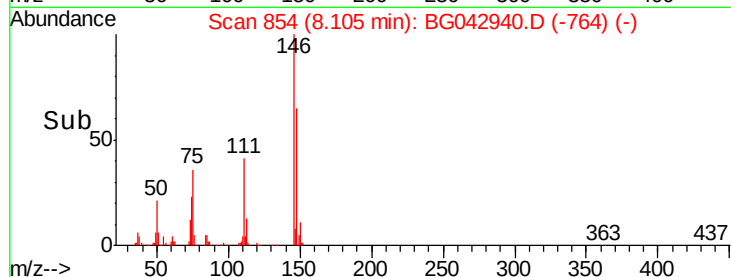
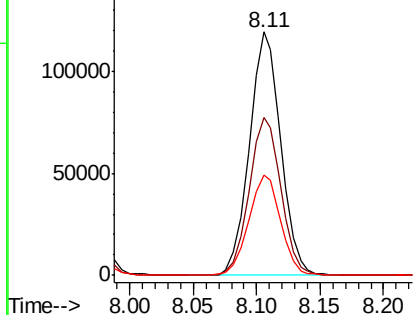
#13
 1,4-Dichlorobenzene
 Concen: 41.279 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 205042
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.9 76.3
 111 41.0 31.8 47.8

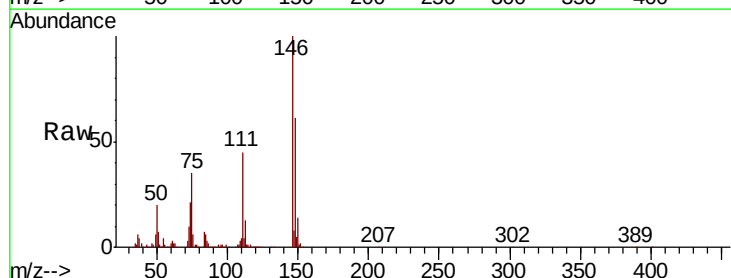


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

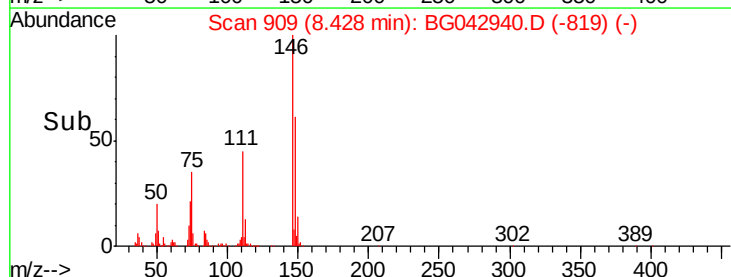
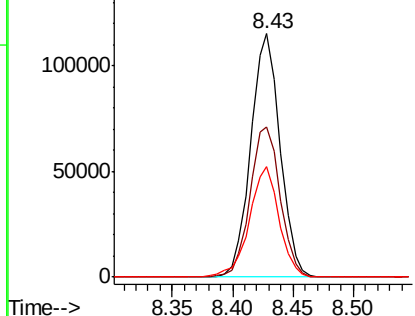


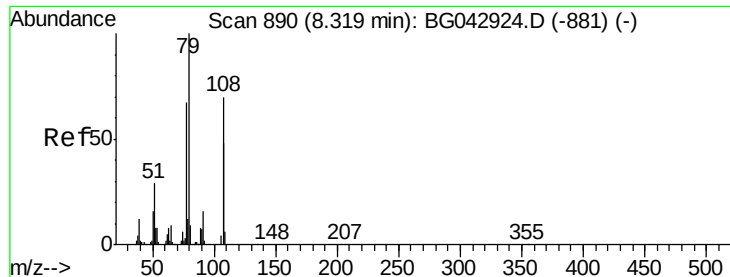
#14
 1,2-Dichlorobenzene
 Concen: 41.214 ng
 RT: 8.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Tgt Ion:146 Resp: 194903
 Ion Ratio Lower Upper
 146 100
 148 61.5 53.4 80.2
 111 45.5 38.5 57.7



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





#15

Benzyl Alcohol

Concen: 43.361 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampled :

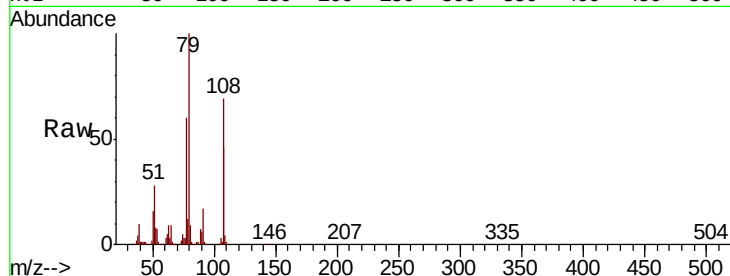
Tot Ion: 79 Resp: 175836

Ion Ratio Lower Upper

79 100

108 68.6 55.7 83.5

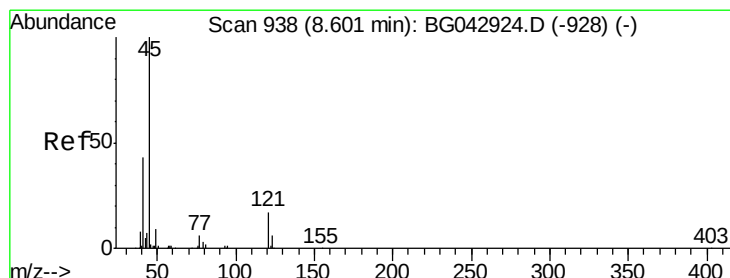
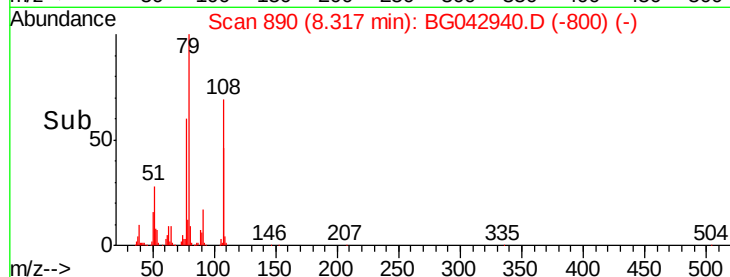
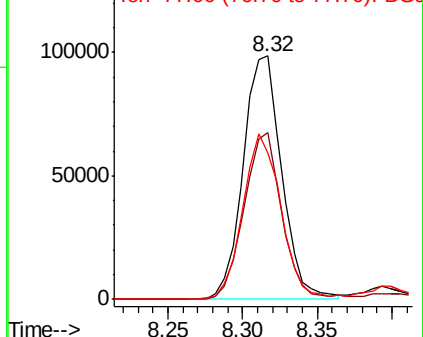
77 59.9 53.3 79.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.607 ng

RT: 8.59 min Scan# 937

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

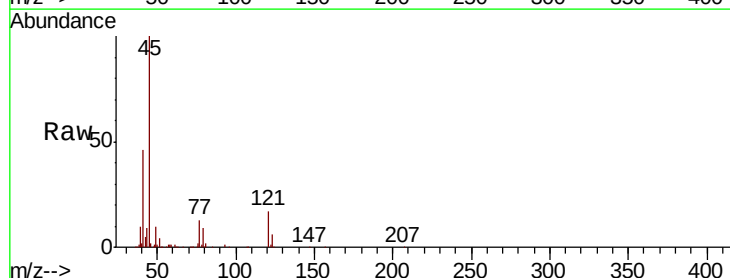
Tgt Ion: 45 Resp: 291229

Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.8

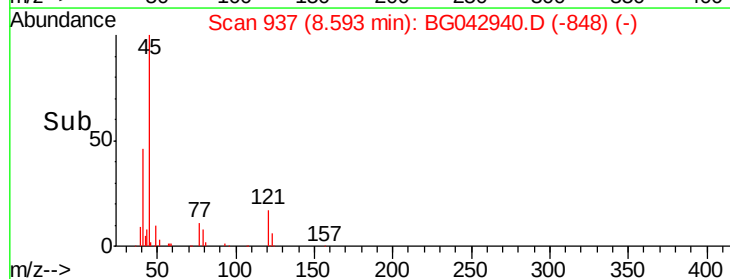
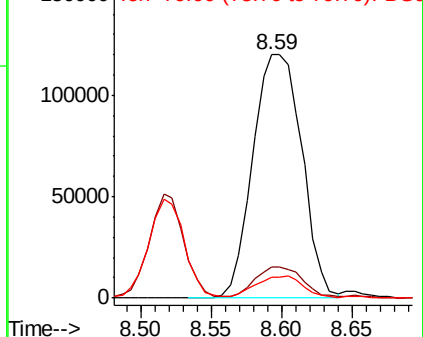
79 8.8 0.0 29.4

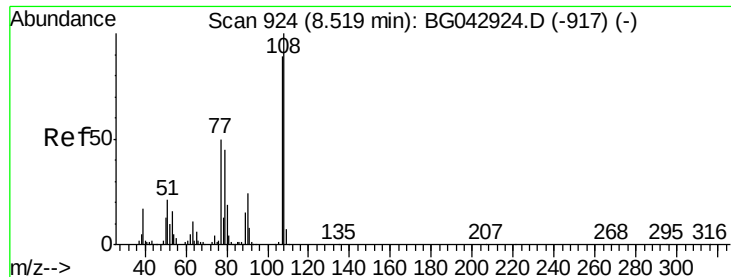


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

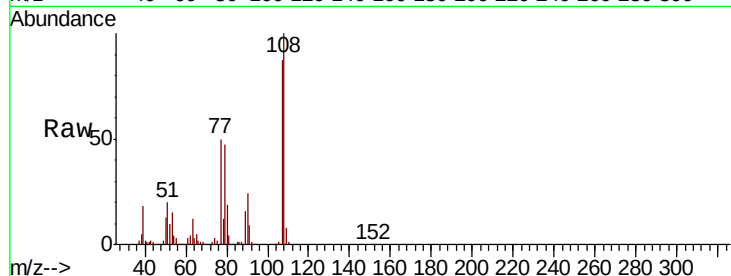




#17
2-Methylphenol
Concen: 44.113 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	152742
Ion	Ratio	Lower	Upper
107	100		
108	115.2	89.9	134.9
77	57.7	45.4	68.2
79	54.3	41.4	62.0



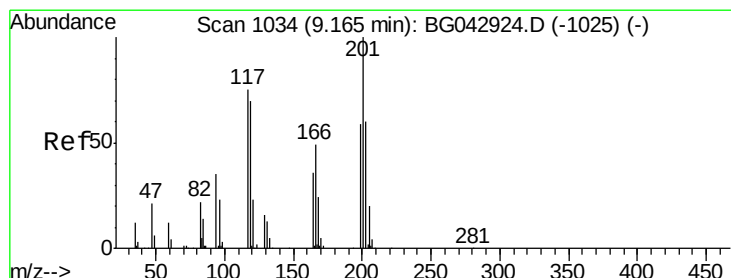
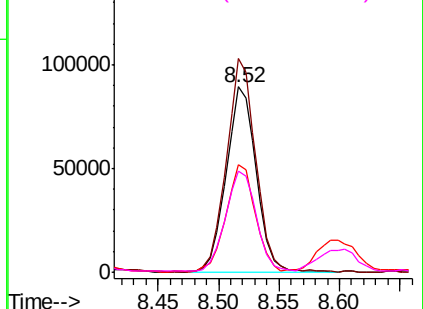
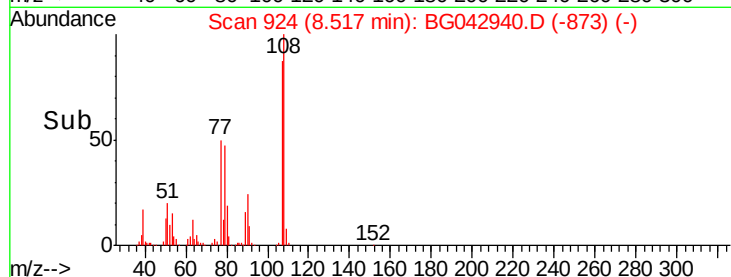
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

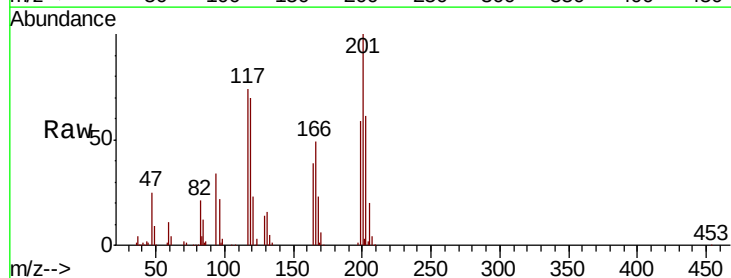
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.985 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion:	117	Resp:	72931
Ion	Ratio	Lower	Upper
117	100		
119	93.8	74.6	111.8
201	134.6	106.0	159.0

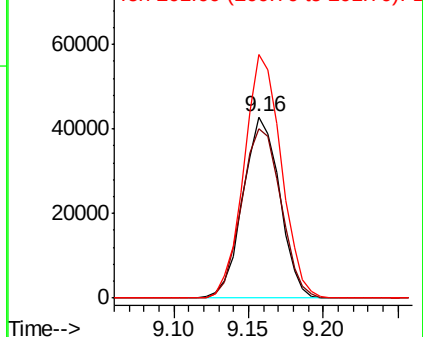
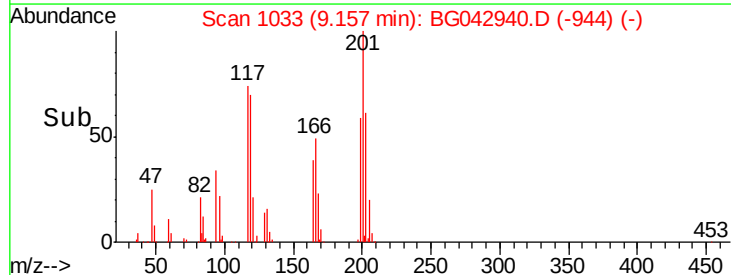


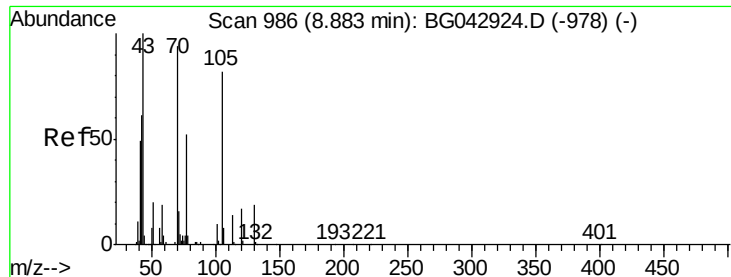
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.180 ng

RT: 8.87 min Scan# 985

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 142302

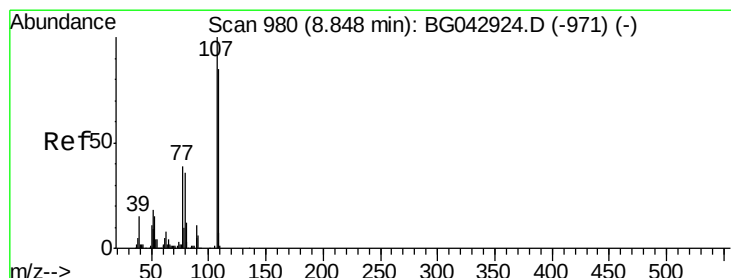
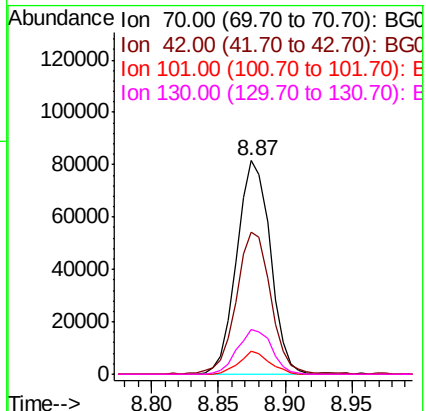
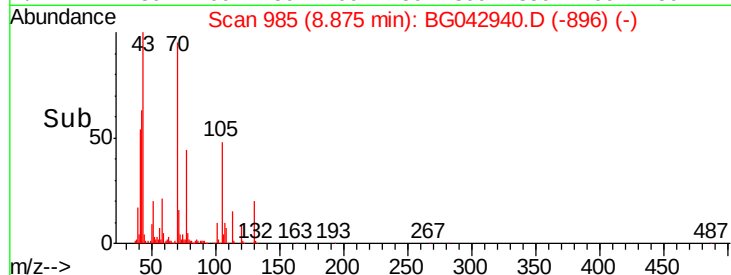
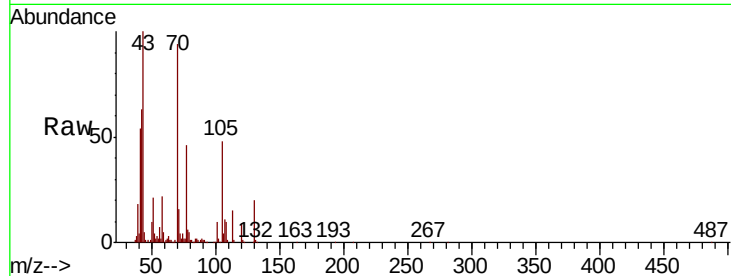
Ion Ratio Lower Upper

70 100

42 66.7 52.6 79.0

101 10.8 8.7 13.1

130 21.0 15.8 23.8



#20

3+4-Methylphenols

Concen: 44.324 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Tgt Ion:107 Resp: 210321

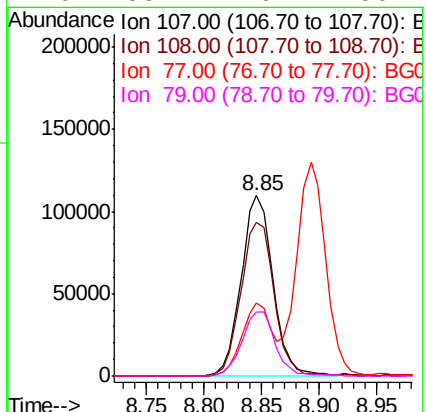
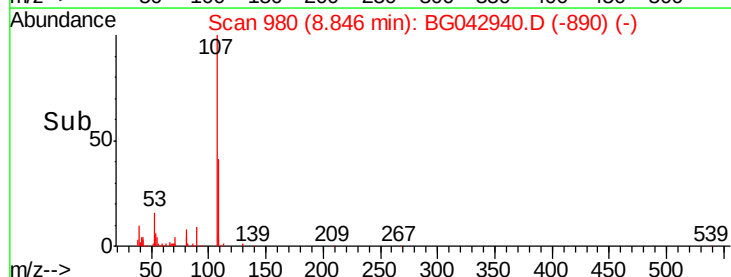
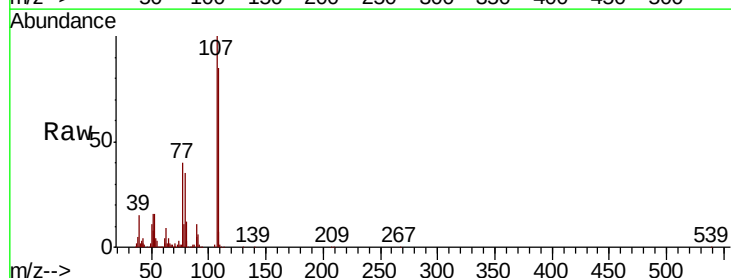
Ion Ratio Lower Upper

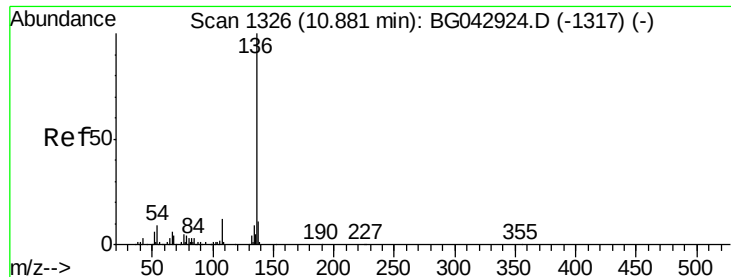
107 100

108 85.4 64.9 104.9

77 40.2 19.4 59.4

79 35.4 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 254626

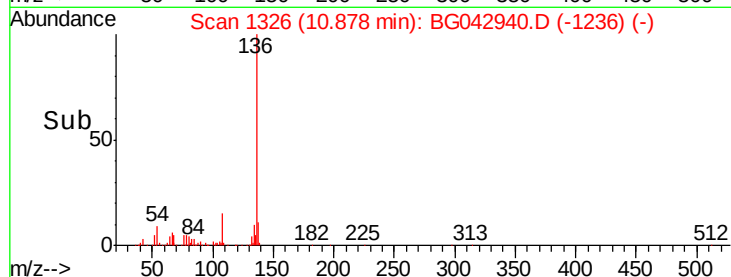
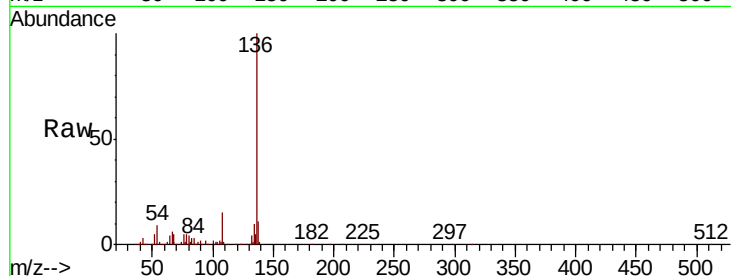
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 9.4 7.4 11.2

68 4.9 3.6 5.4



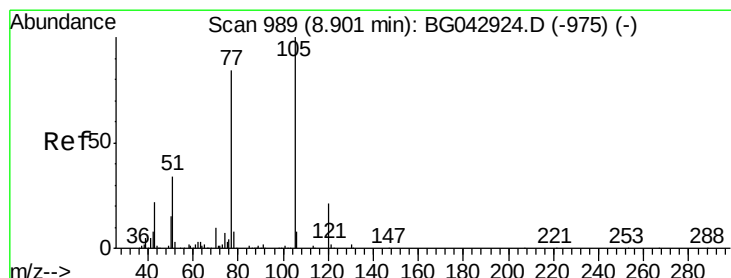
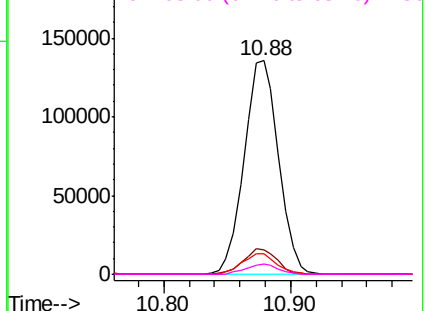
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.355 ng

RT: 8.89 min Scan# 988

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Tgt Ion:105 Resp: 271432

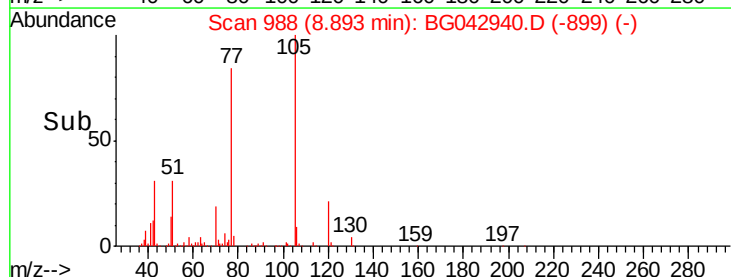
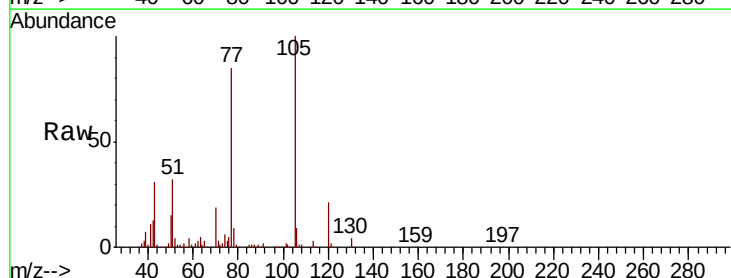
Ion Ratio Lower Upper

105 100

71 3.2 1.2 1.8#

51 31.7 27.2 40.8

120 21.2 16.9 25.3



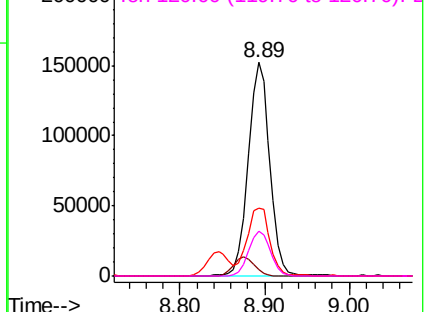
Abundance

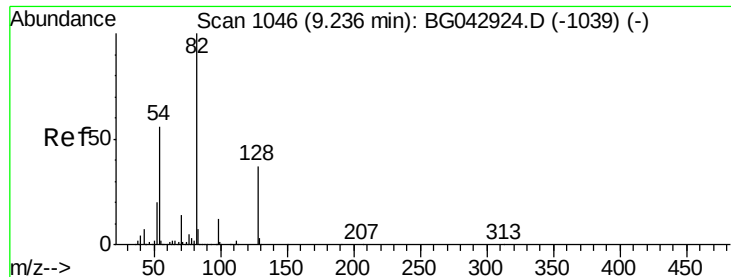
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

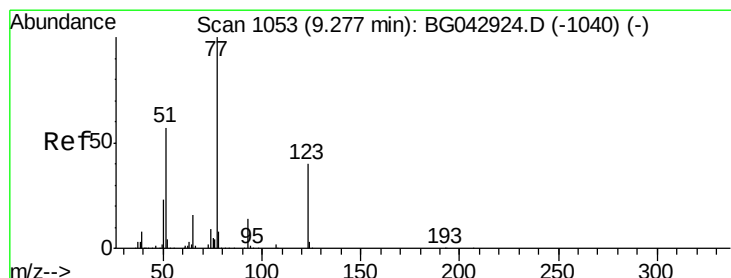
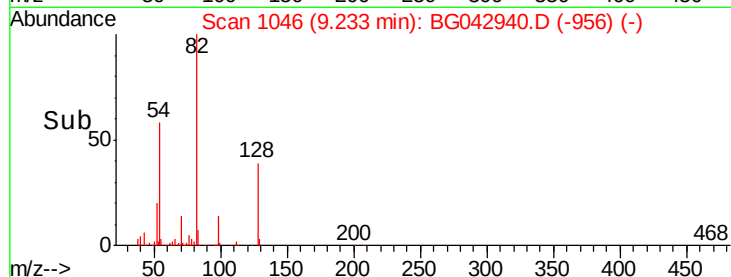
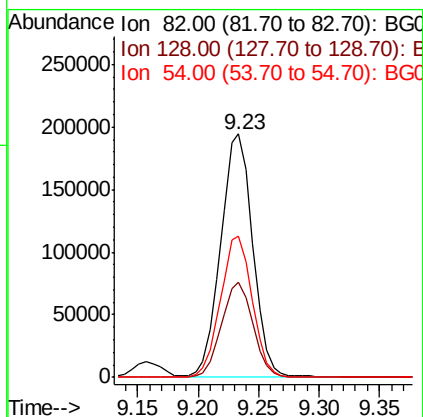
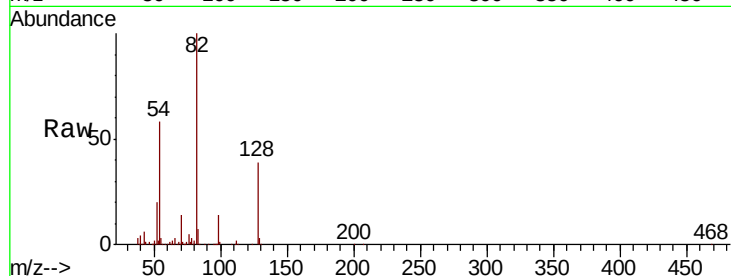




#23
 Nitrobenzene-d5
 Concen: 68.037 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

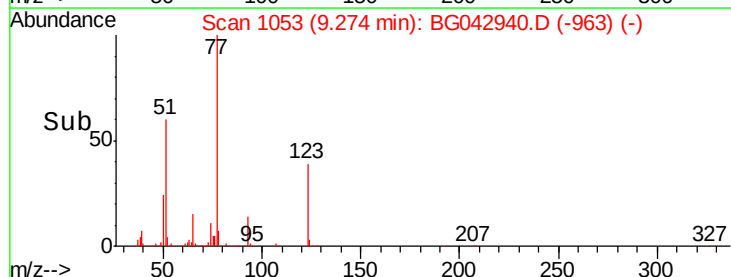
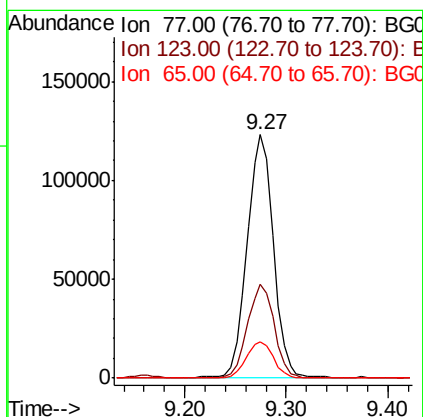
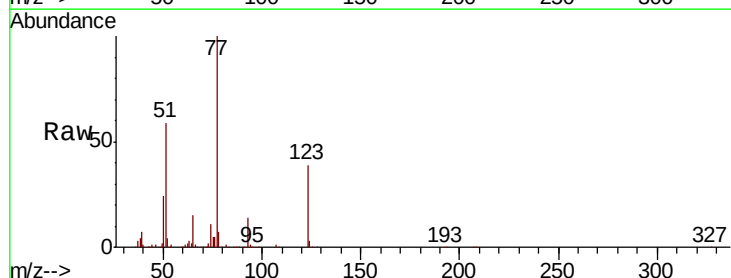
Instrument :
 BNA_G
 ClientSampleId :

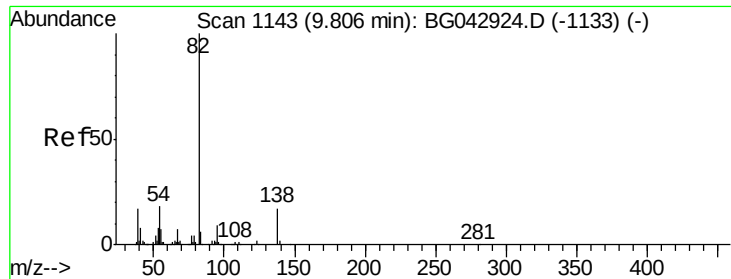
Tot Ion	82	Resp	356421
Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.5	44.3
54	57.9	44.6	67.0



#24
 Nitrobenzene
 Concen: 43.998 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Tgt Ion	77	Resp	219854
Ion	Ratio	Lower	Upper
77	100		
123	38.6	31.9	47.9
65	14.8	12.4	18.6





#25

Isophorone

Concen: 42.937 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

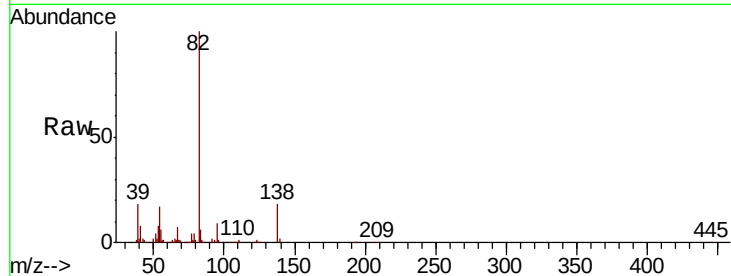
Tot Ion: 82 Resp: 395106

Ion Ratio Lower Upper

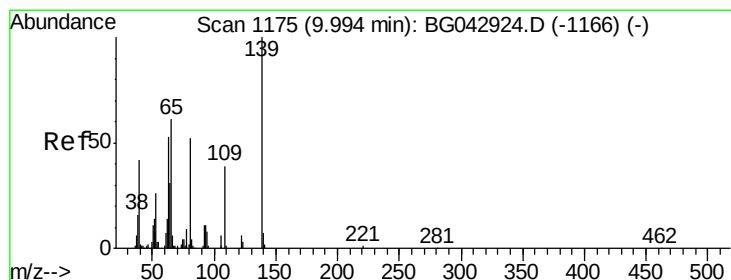
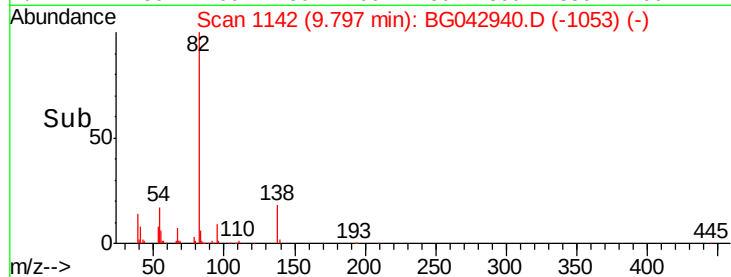
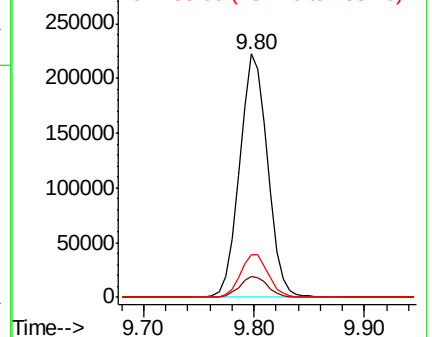
82 100

95 8.6 7.0 10.4

138 17.6 13.8 20.6



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



#26

2-Nitrophenol

Concen: 45.679 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

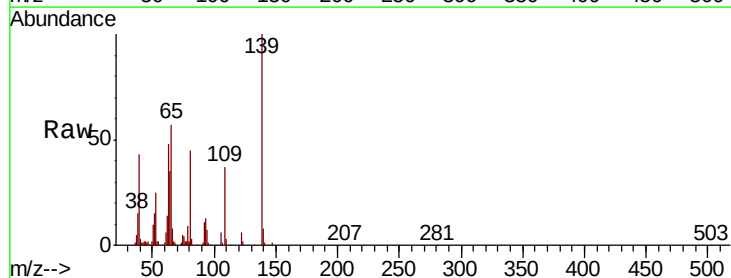
Tgt Ion: 139 Resp: 97166

Ion Ratio Lower Upper

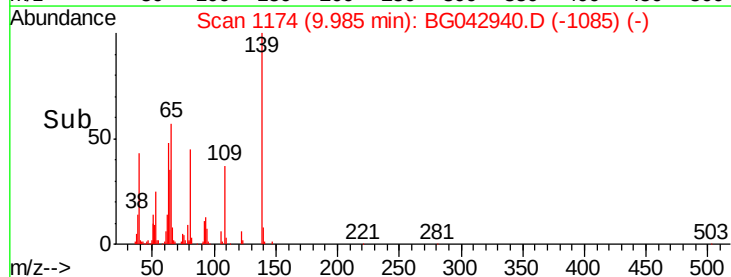
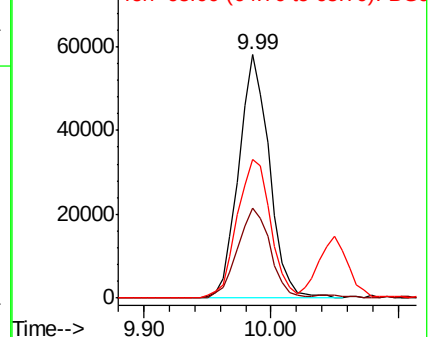
139 100

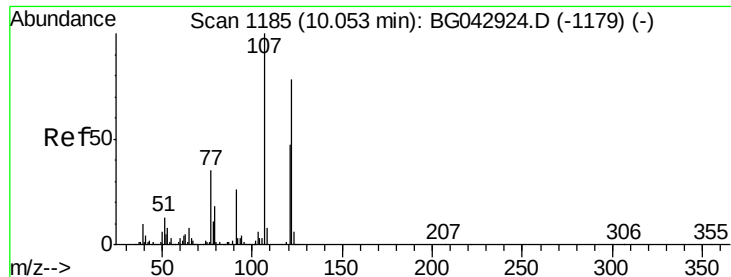
109 37.2 31.0 46.6

65 56.8 48.4 72.6



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

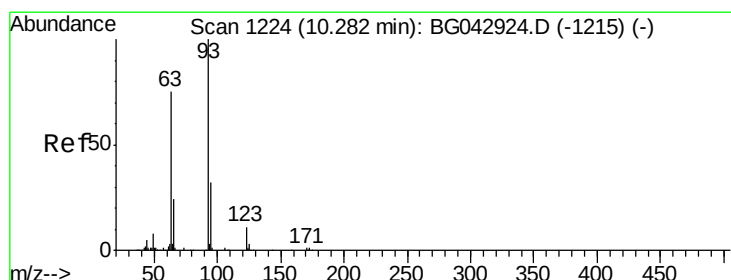
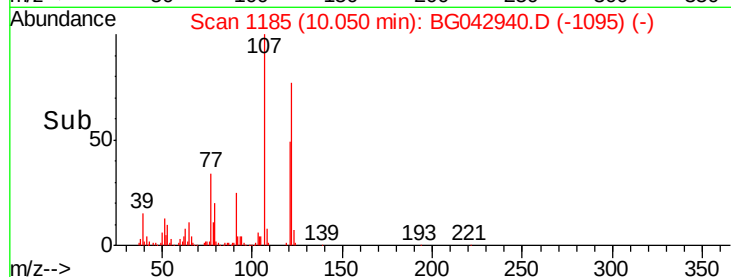
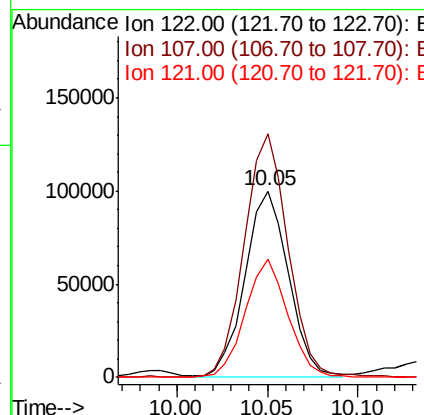
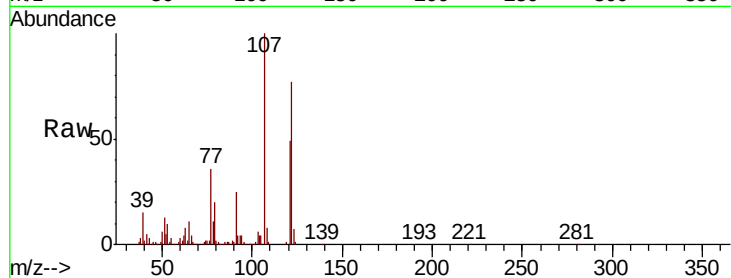




#27
2,4-Dimethylphenol
Concen: 50.718 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

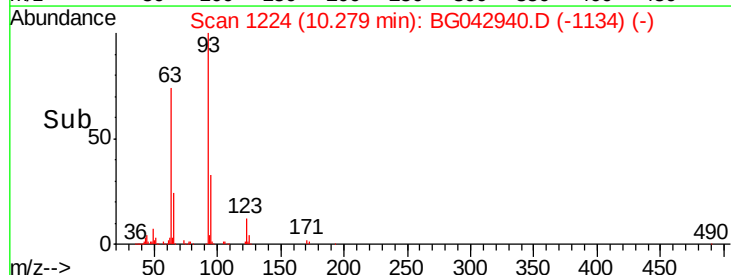
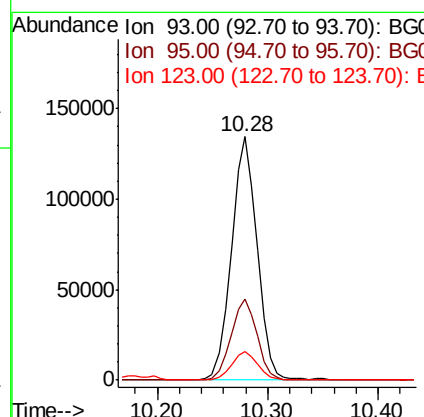
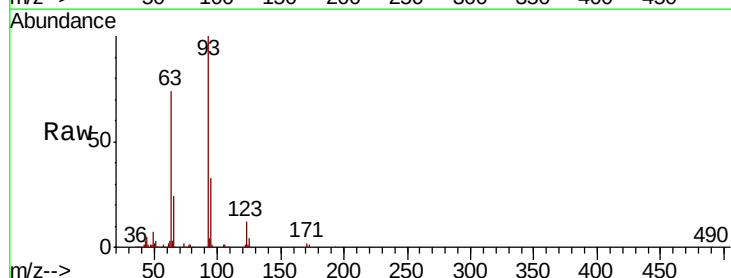
Instrument :
BNA_G
ClientSampleId :

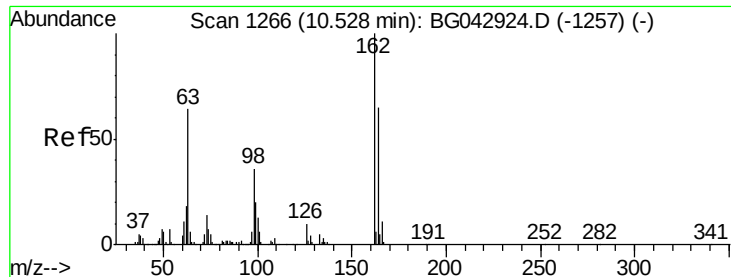
Tot Ion	Ratio	Lower	Upper
122	100		
107	130.5	102.2	153.2
121	63.4	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 42.028 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.4	38.0
123	11.8	9.3	13.9

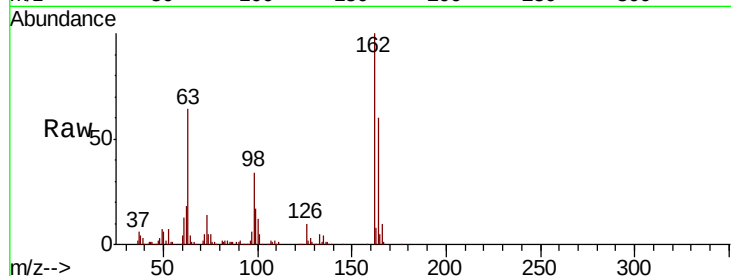




#29
 2,4-Dichlorophenol
 Concen: 46.258 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.5	44.7	84.7
98	34.5	16.0	56.0

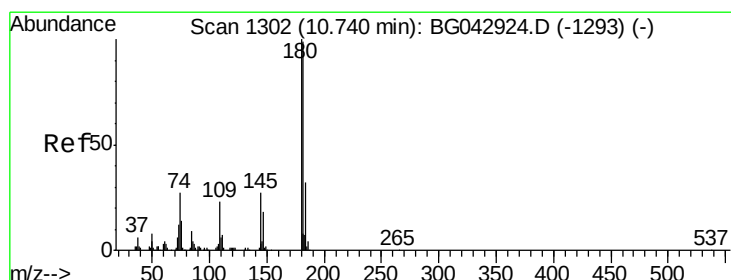
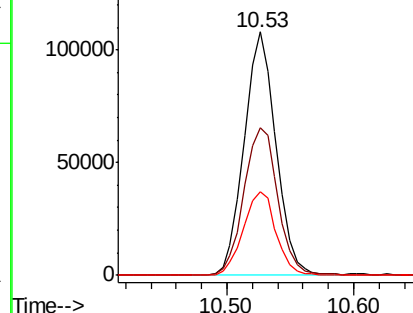
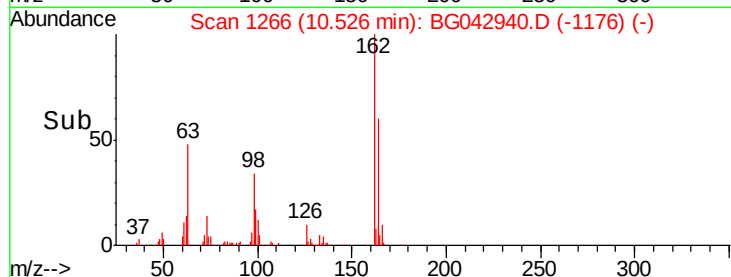


Abundance

Ion 162.00 (161.70 to 162.70): E

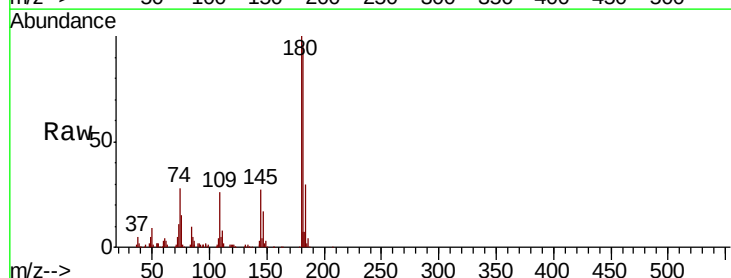
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 41.584 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	79.3	118.9
145	27.1	22.0	33.0

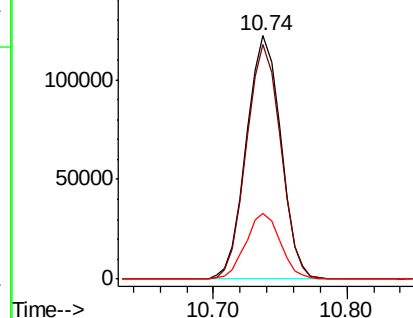
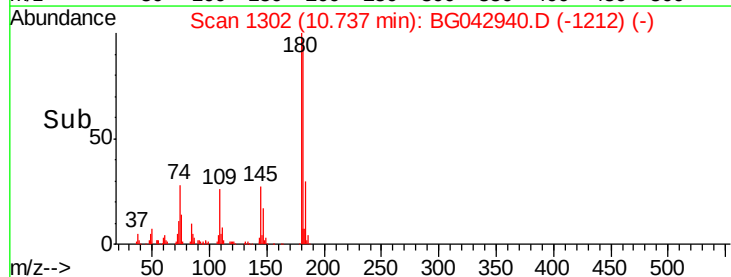


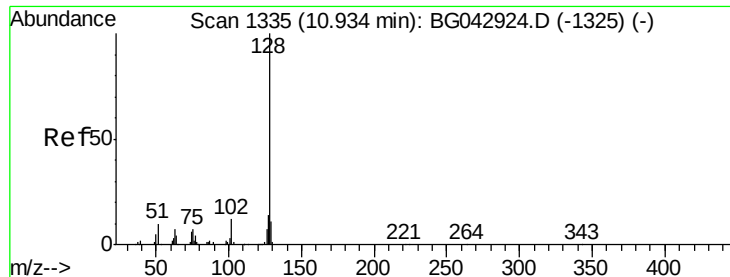
Abundance

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

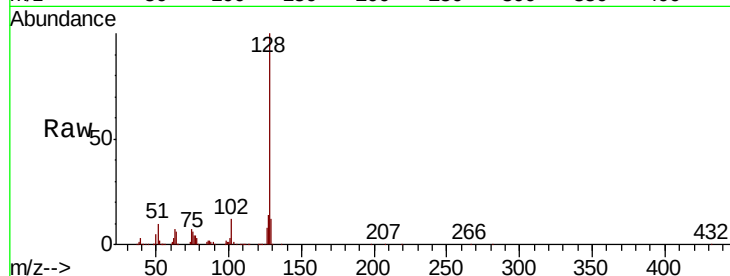




#31
Naphthalene
Concen: 43.407 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	14.0	11.3	16.9

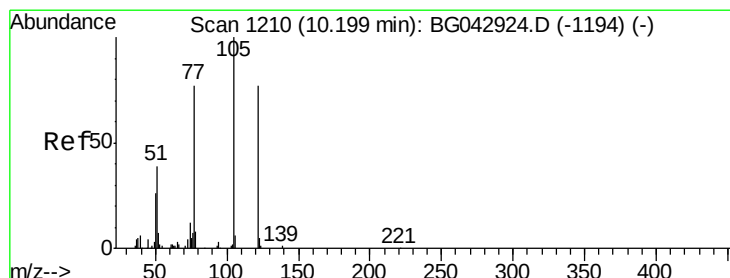
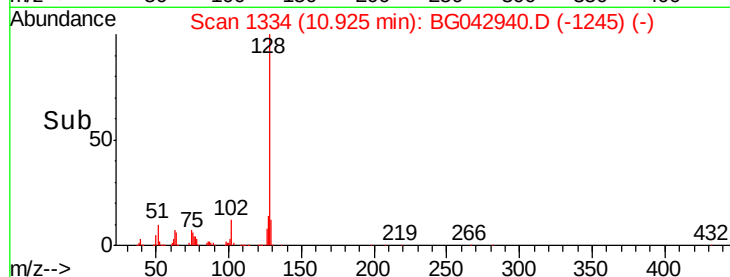
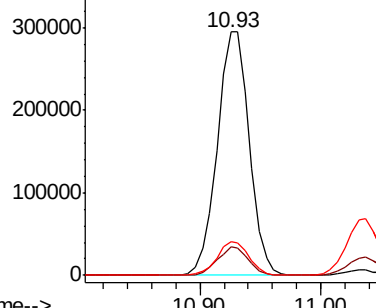


Abundance

Ion 128.00 (127.70 to 128.70): E

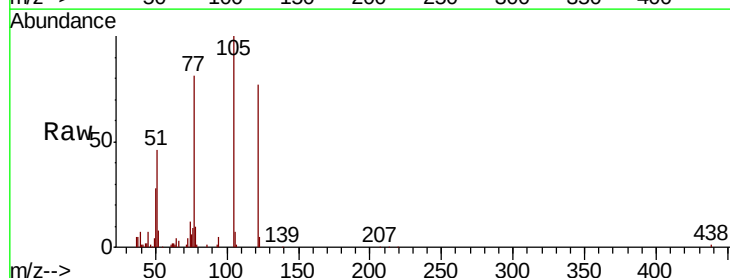
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.438 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.1	107.5	147.5
77	104.8	79.8	119.8

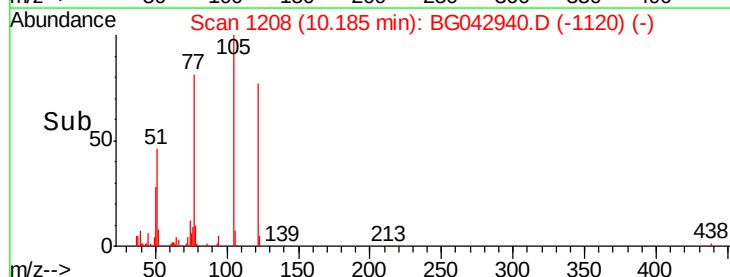
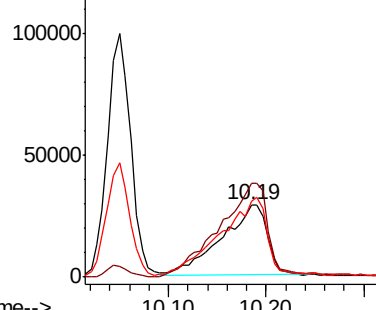


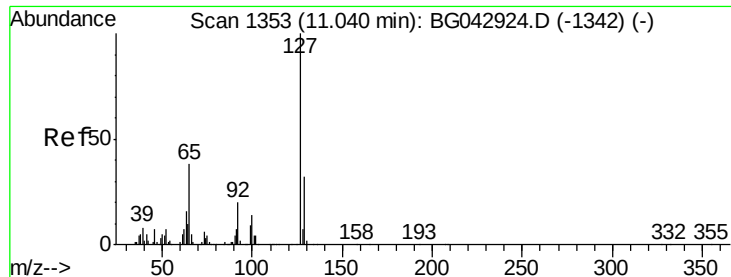
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

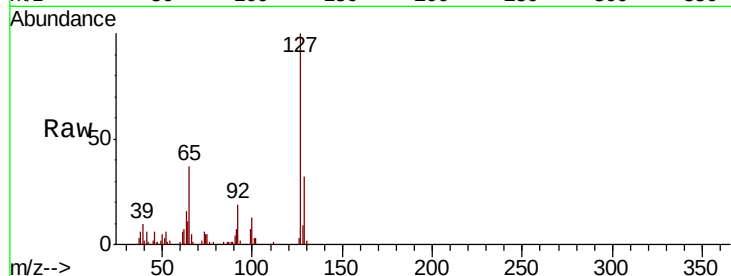




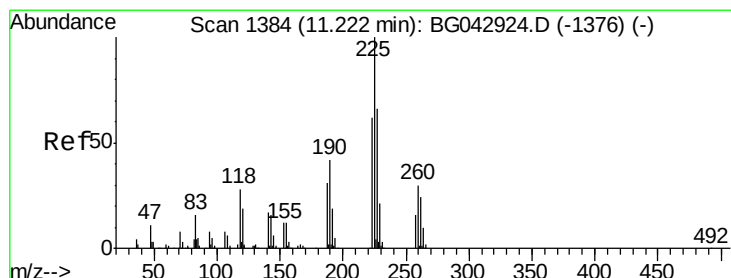
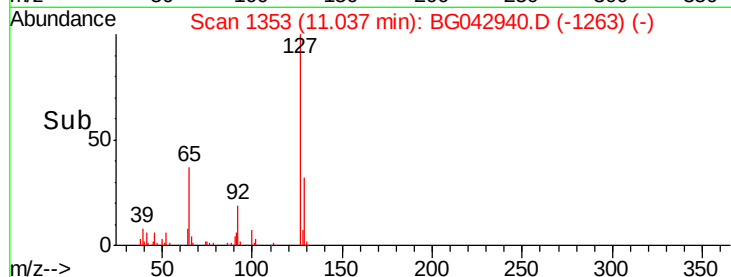
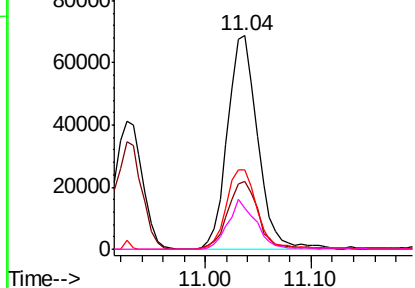
#33
4-Chloroaniline
Concen: 25.081 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	136413
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	37.2	30.6	45.8
92	19.0	16.2	24.4

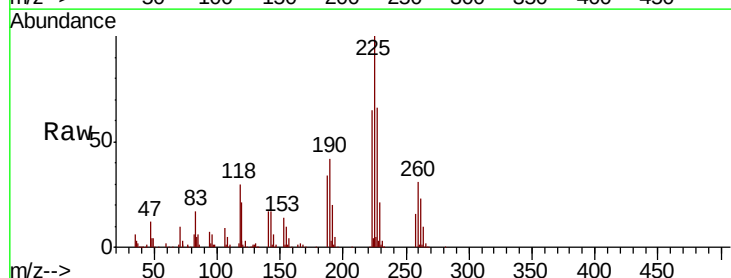


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

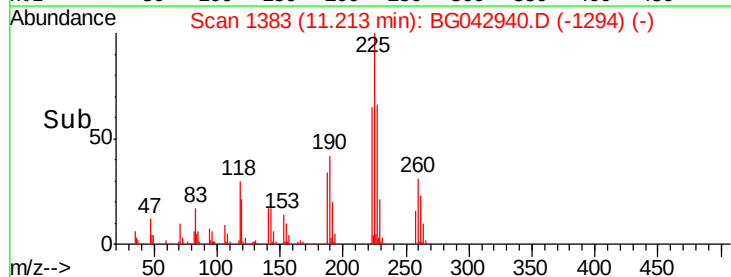
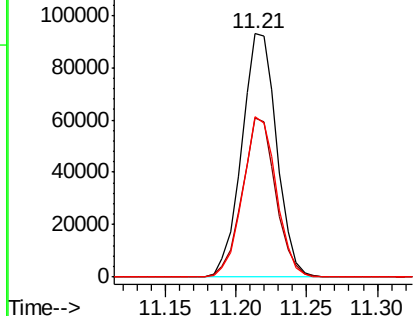


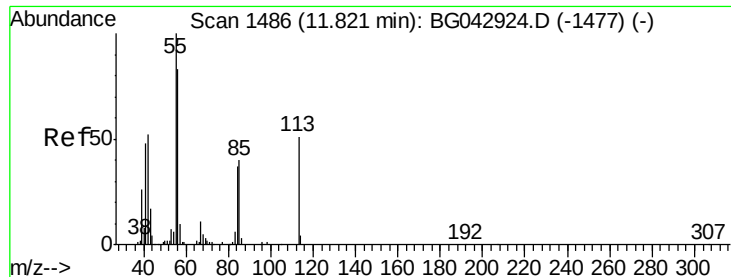
#34
Hexachlorobutadiene
Concen: 40.900 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion:	225	Resp:	160674
Ion	Ratio	Lower	Upper
225	100		
223	65.2	49.3	73.9
227	66.1	52.8	79.2



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: 17.920 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

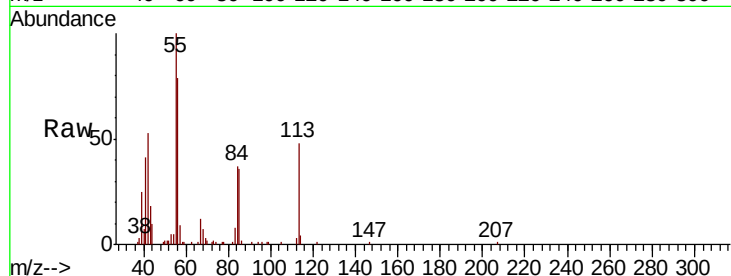
Tot Ion:113 Resp: 25675

Ion Ratio Lower Upper

113 100

55 207.2 175.5 215.5

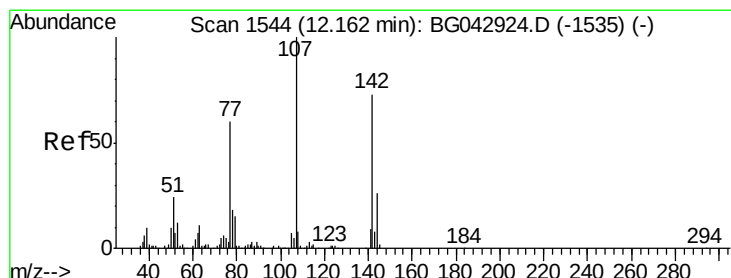
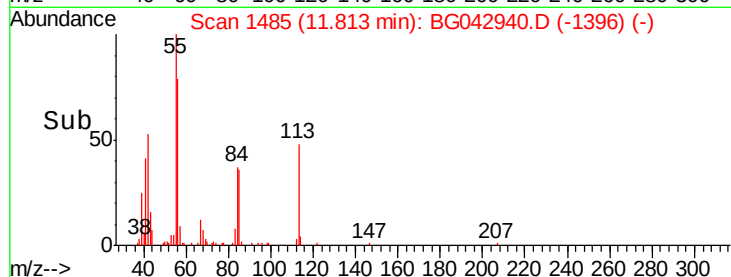
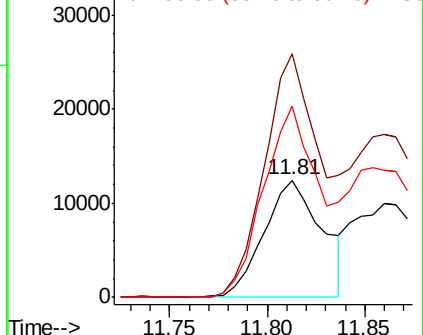
56 163.0 142.3 182.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.511 ng

RT: 12.15 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

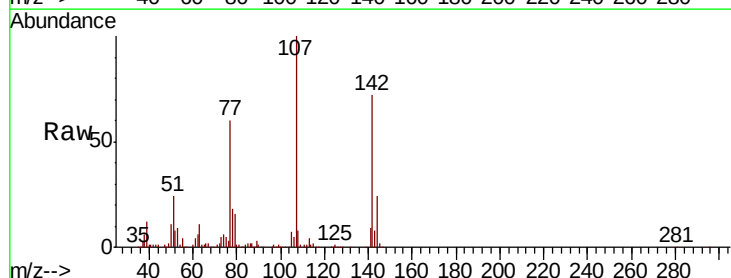
Tgt Ion:107 Resp: 201044

Ion Ratio Lower Upper

107 100

144 24.2 20.7 31.1

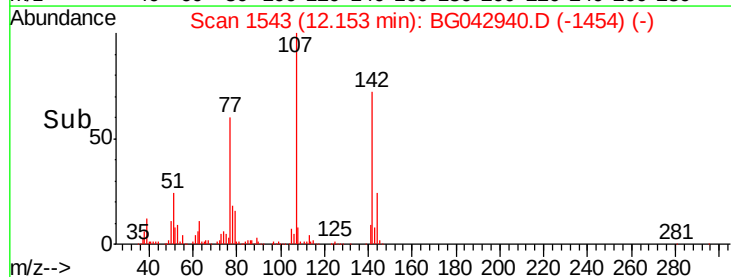
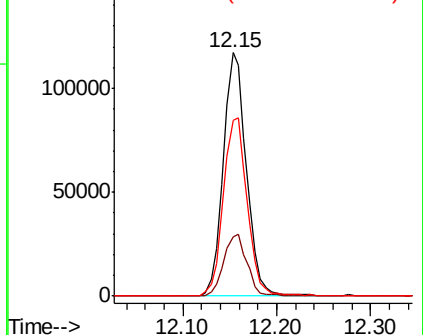
142 72.1 58.6 87.8

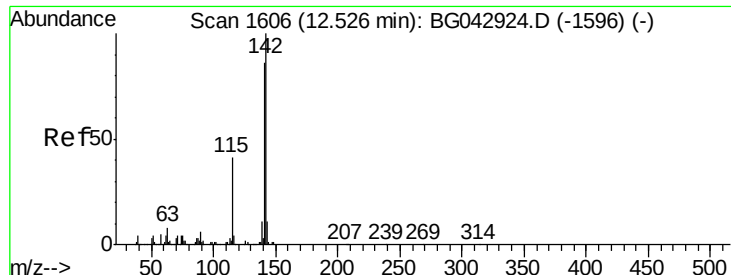


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

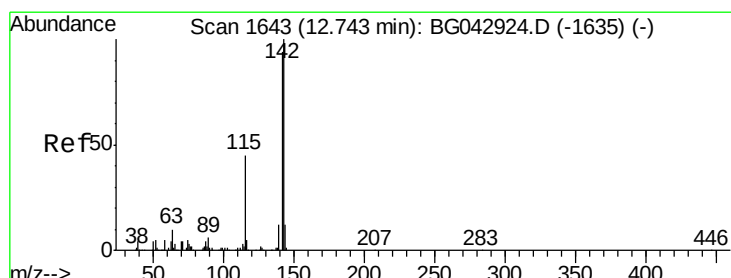
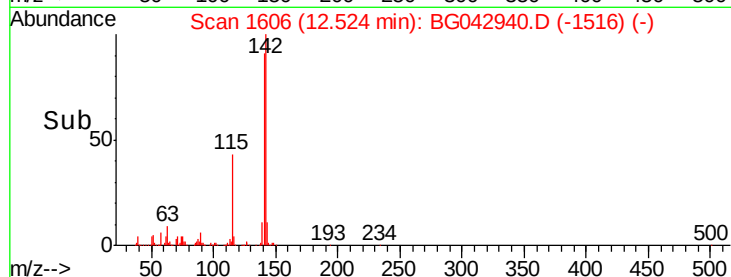
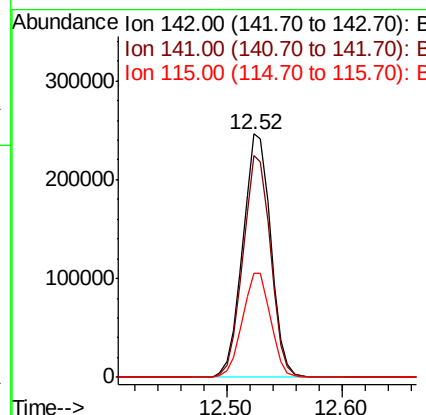
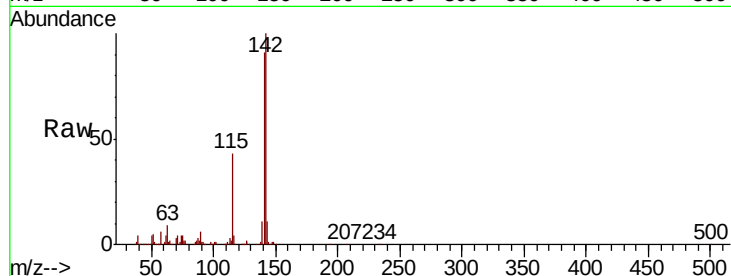




#37
2-Methylnaphthalene
Concen: 43.313 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

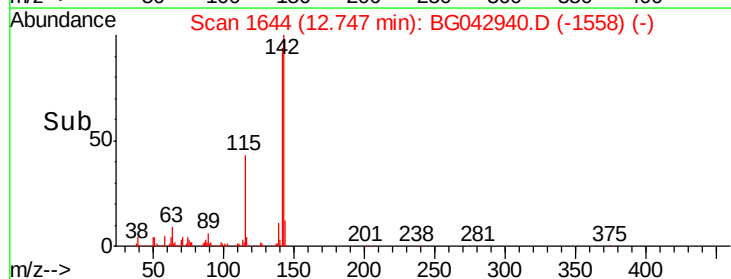
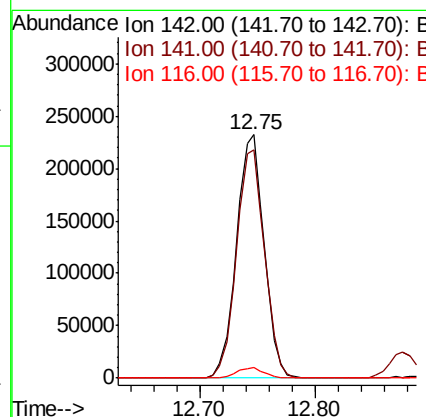
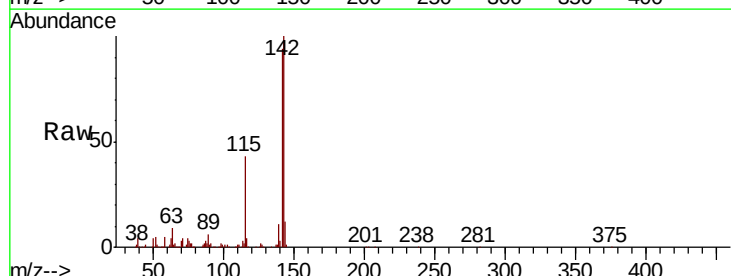
Instrument :
BNA_G
ClientSampleId :

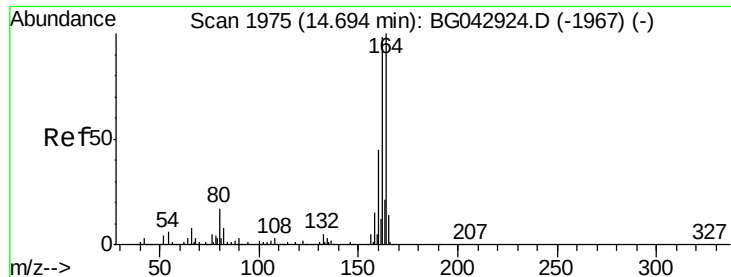
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	69.0	103.4
115	42.8	32.8	49.2



#38
1-Methylnaphthalene
Concen: 42.392 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.9	112.3
116	4.3	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

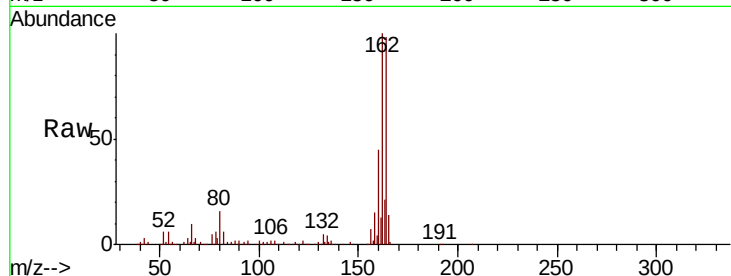
Tot Ion:164 Resp: 182584

Ion Ratio Lower Upper

164 100

162 102.0 78.5 117.7

160 46.0 35.9 53.9

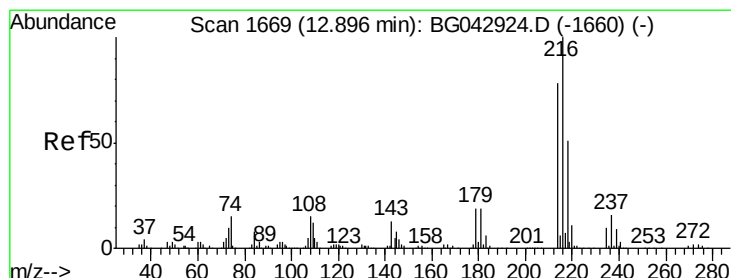
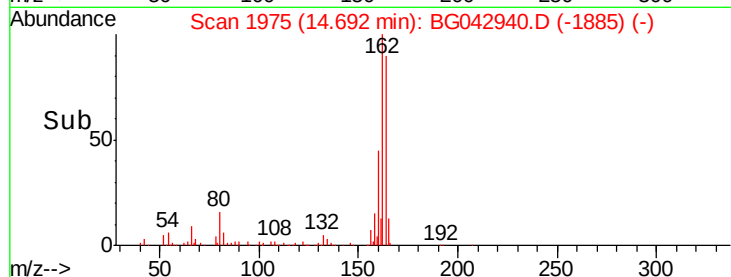
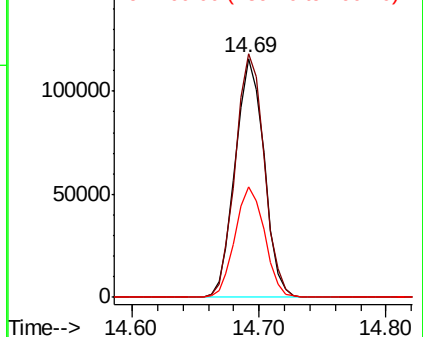


Abundance

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: 39.822 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Tgt Ion:216 Resp: 273379

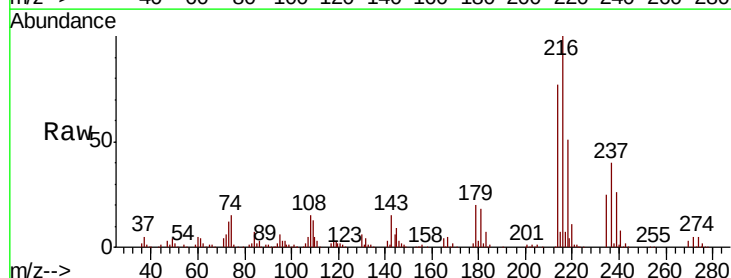
Ion Ratio Lower Upper

216 100

214 77.6 62.4 93.6

179 19.2 15.4 23.2

108 18.1 12.6 19.0



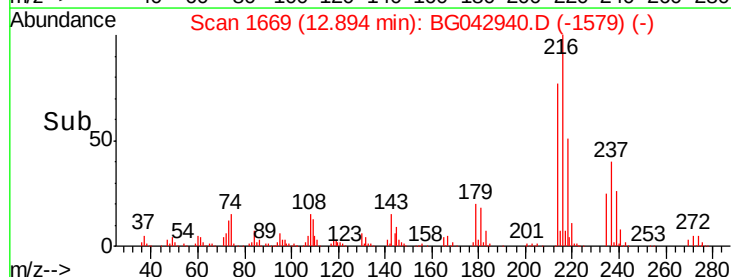
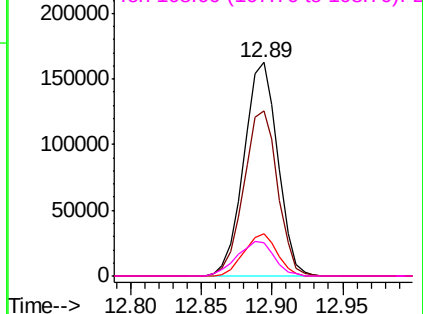
Abundance

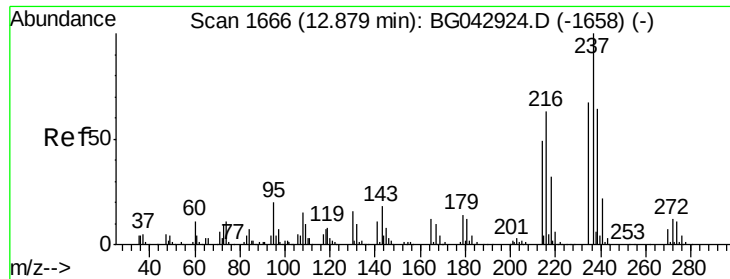
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

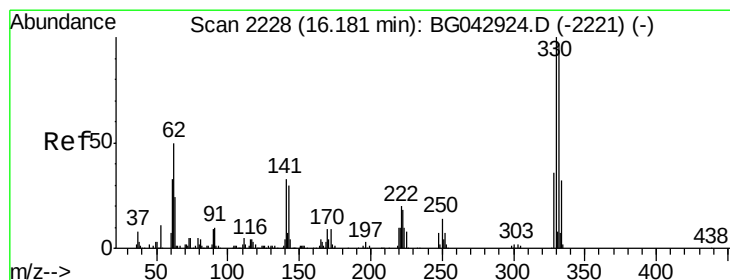
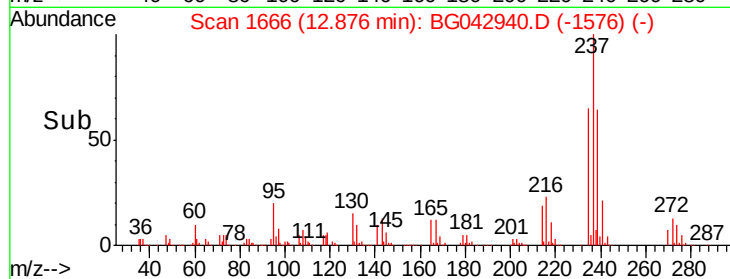
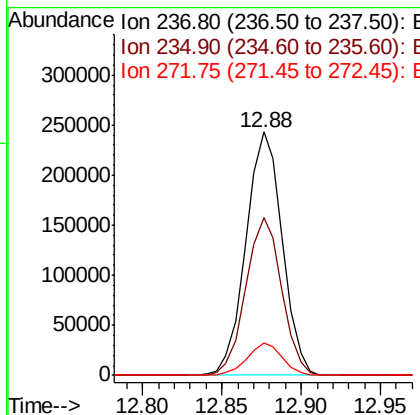
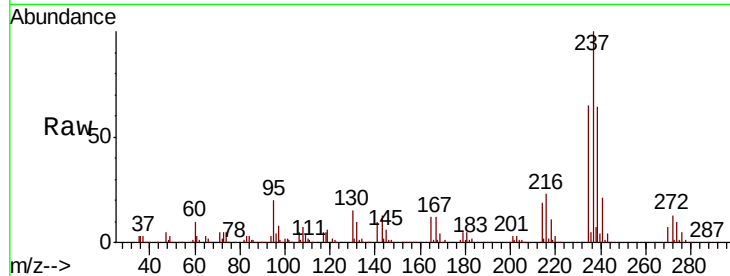




#41
Hexachlorocyclopentadiene
Concen: 88.442 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

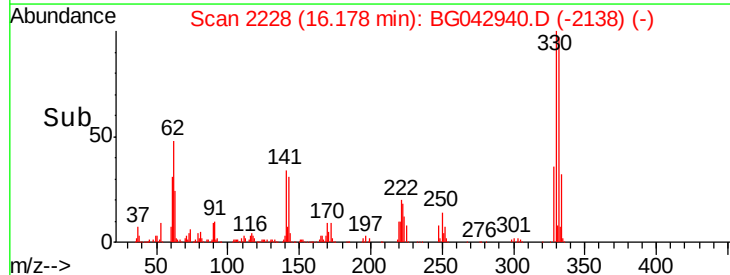
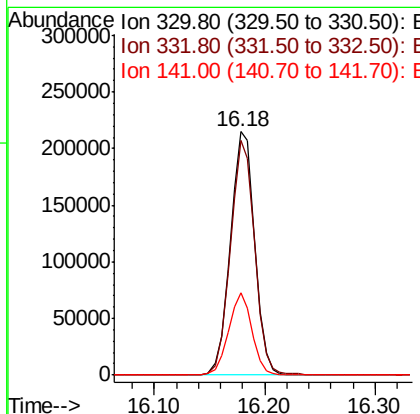
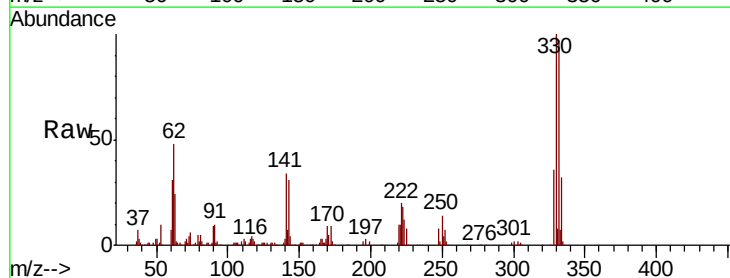
Instrument :
BNA_G
ClientSampleId :

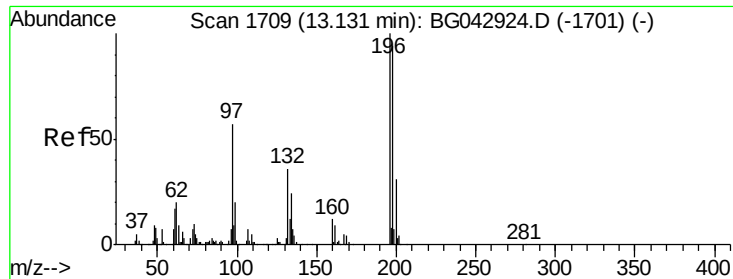
Tot Ion	Ratio	Lower	Upper
237	100		
235	64.8	46.7	86.7
272	13.1	0.0	32.3



#42
2,4,6-Tribromophenol
Concen: 105.943 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.2	117.2
141	32.4	26.0	39.0

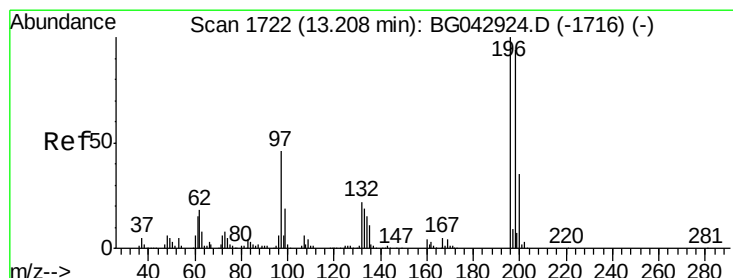
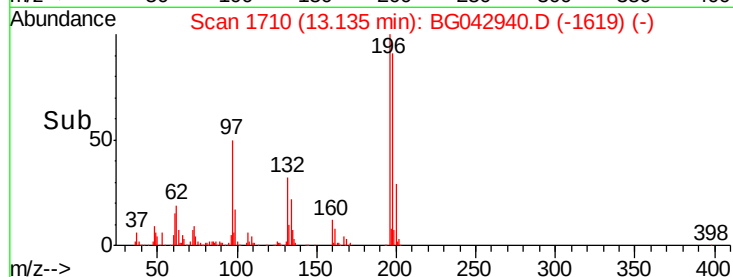
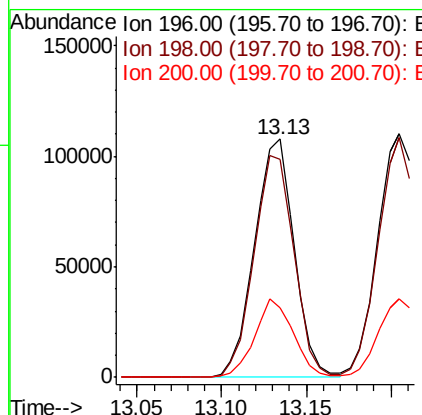
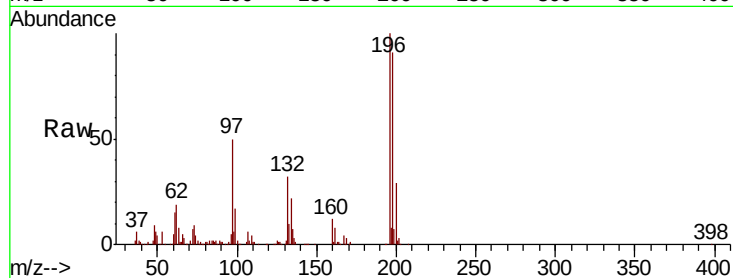




#43
 2,4,6-Trichlorophenol
 Concen: 43.863 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

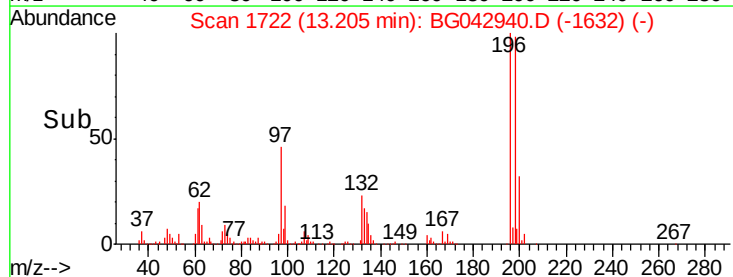
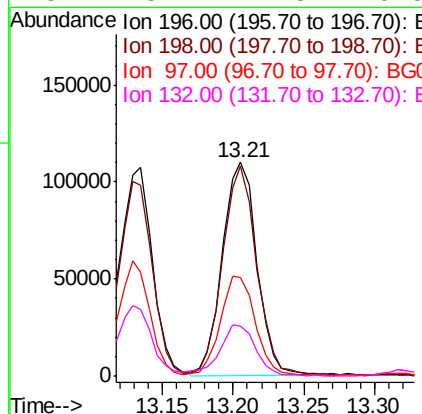
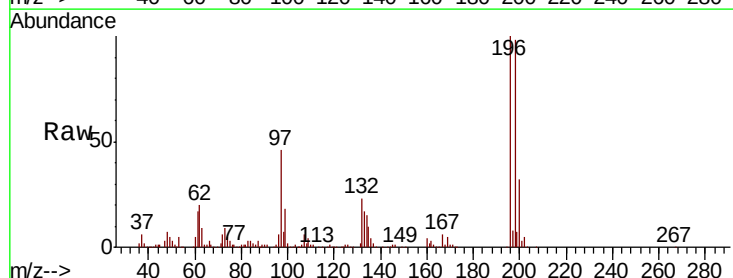
Instrument :
 BNA_G
 ClientSampled :

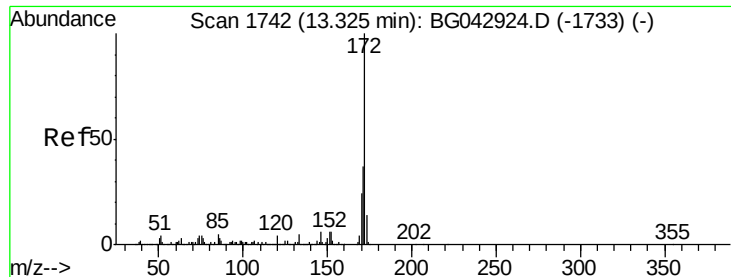
Tot Ion	Ratio	Lower	Upper
196	100		
198	91.3	75.5	113.3
200	29.4	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.114 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	75.1	112.7
97	46.2	37.0	55.4
132	23.2	17.5	26.3

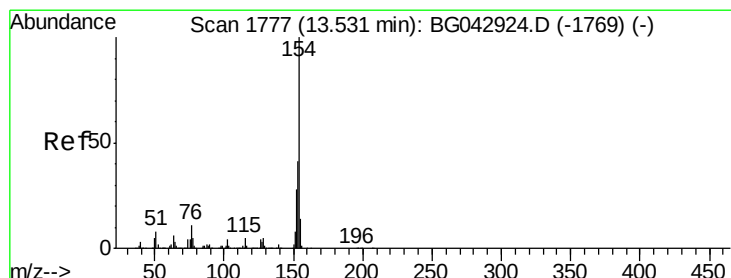
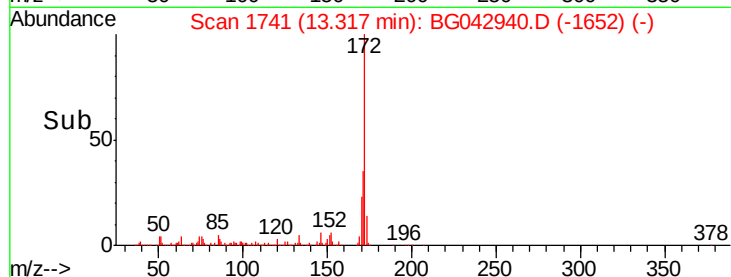
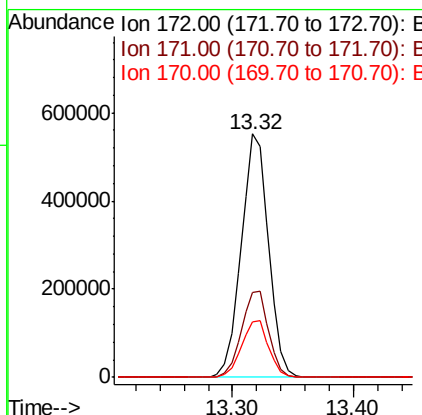
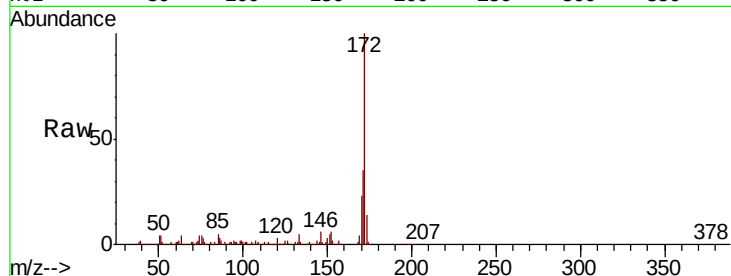




#45
2-Fluorobiphenyl
Concen: 68.702 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

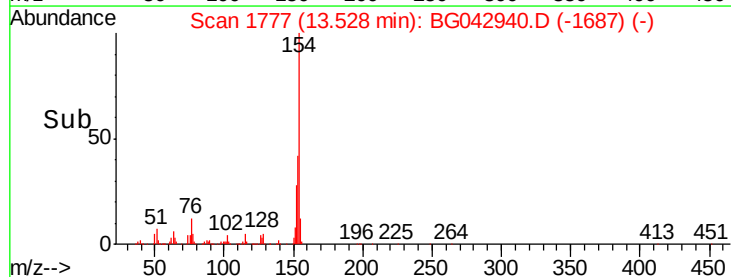
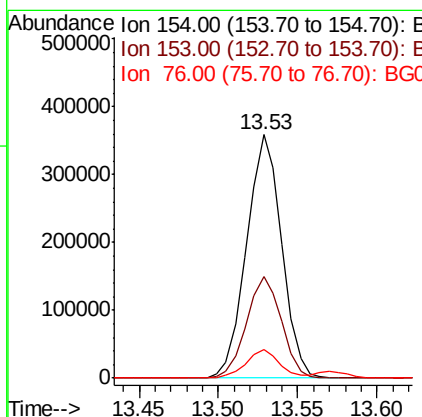
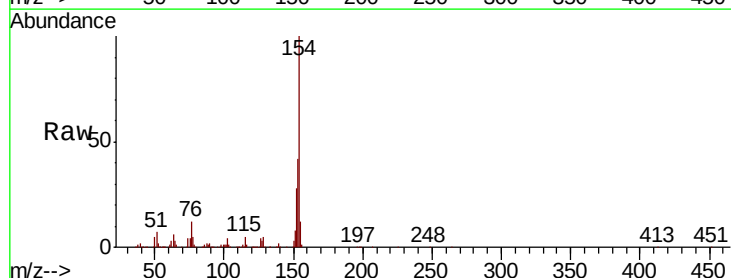
Instrument :
BNA_G
ClientSampleId :

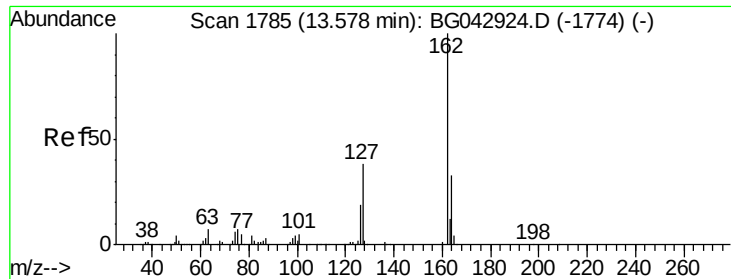
Tot Ion:172 Resp: 865282
Ion Ratio Lower Upper
172 100
171 35.1 29.6 44.4
170 22.9 19.6 29.4



#46
1,1'-Biphenyl
Concen: 39.771 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion:154 Resp: 550681
Ion Ratio Lower Upper
154 100
153 41.7 21.4 61.4
76 11.9 0.0 31.3

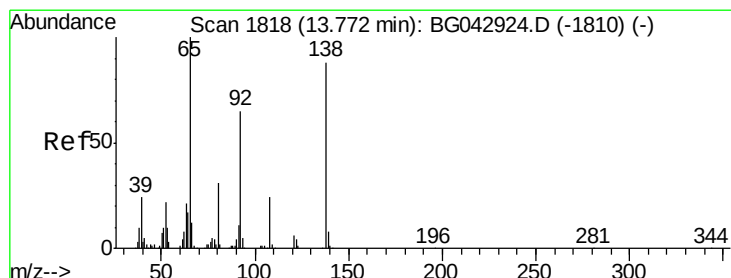
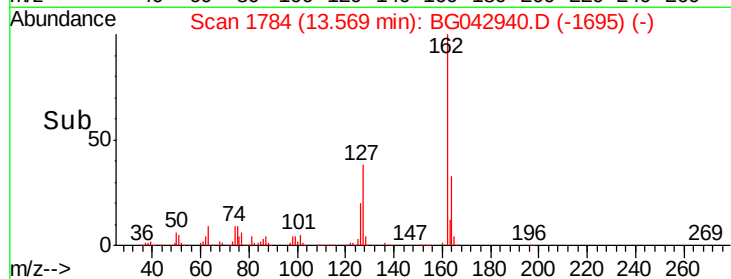
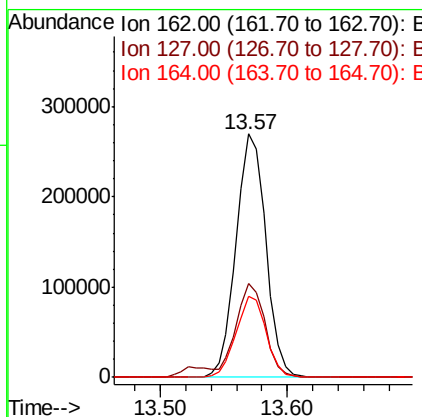
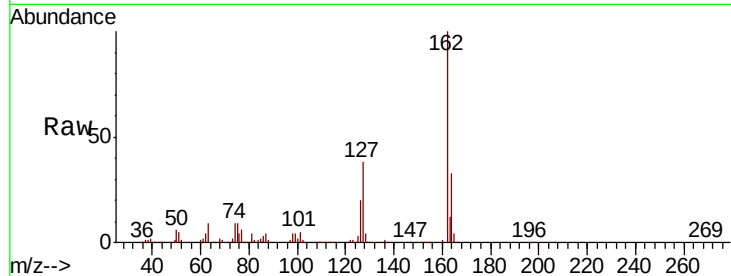




#47
 2-Chloronaphthalene
 Concen: 42.230 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

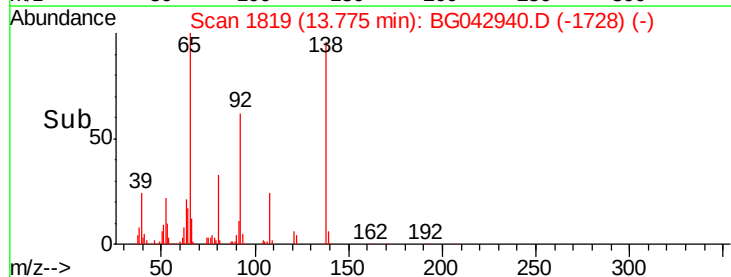
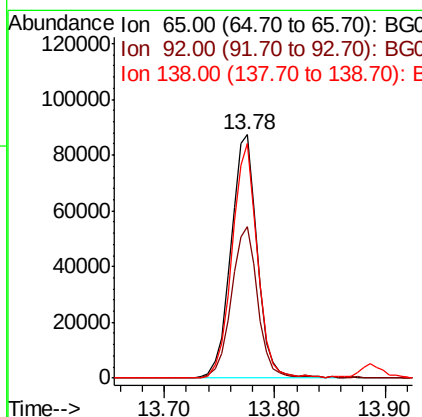
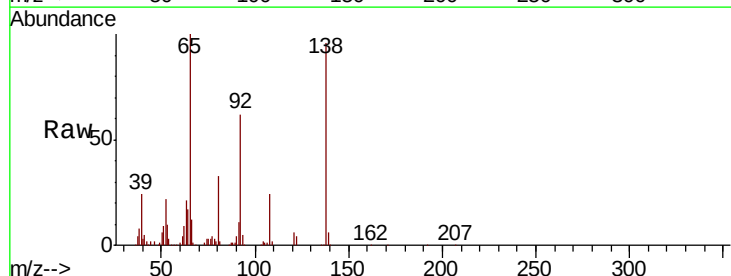
Instrument :
 BNA_G
 ClientSampleId :

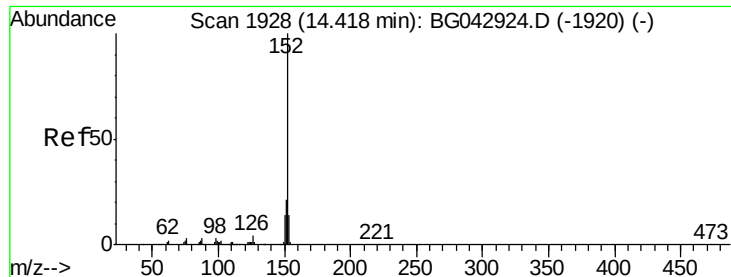
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.0	46.6
164	33.3	26.2	39.2



#48
 2-Nitroaniline
 Concen: 42.391 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.3	52.0	78.0
138	96.3	70.4	105.6





#49

Acenaphthylene

Concen: 43.795 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

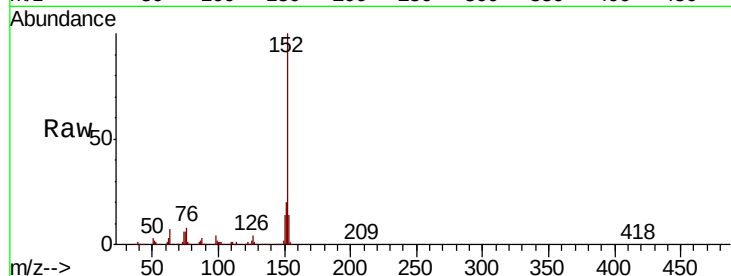
Instrument :

BNA_G

ClientSampled :

Tot Ion:152 Resp: 695667

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.5	11.3	16.9

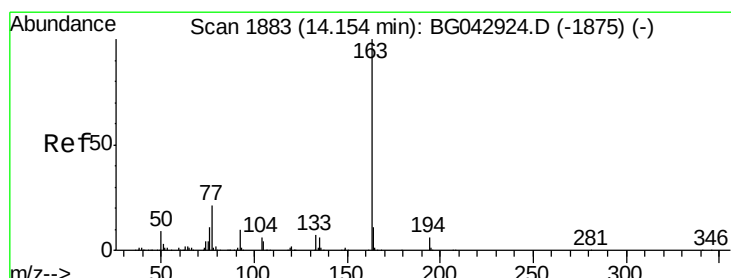
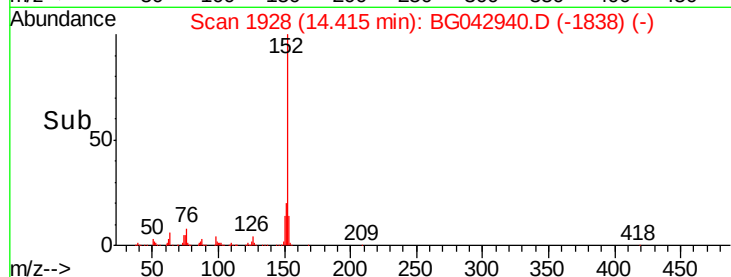
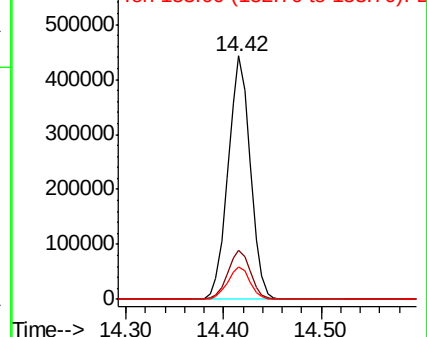


Abundance

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: 40.808 ng

RT: 14.15 min Scan# 1882

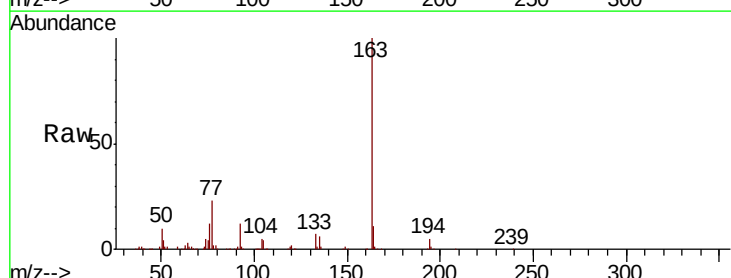
Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Tgt Ion:163 Resp: 558272

Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.4	6.6
164	10.9	8.6	12.8

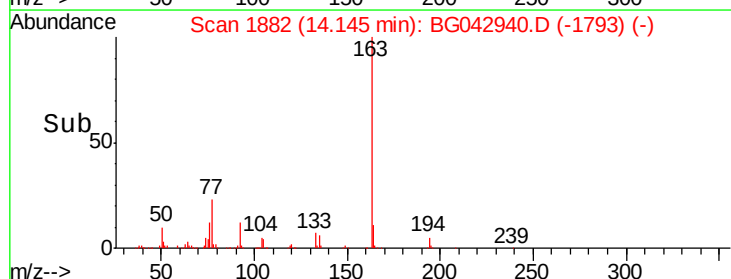
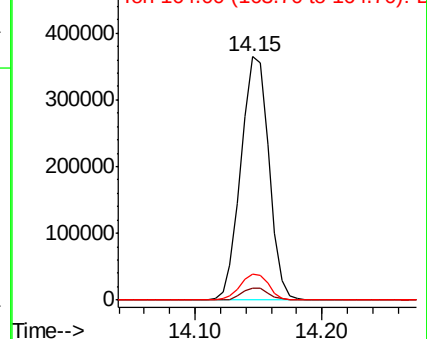


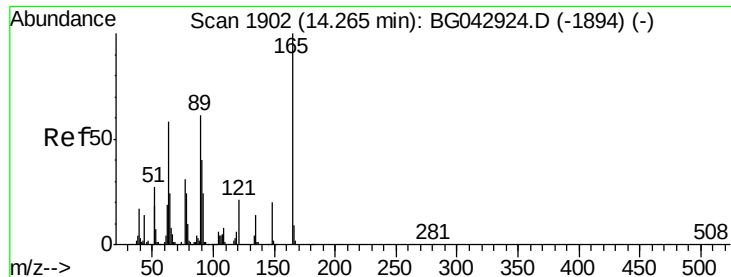
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.464 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampled :

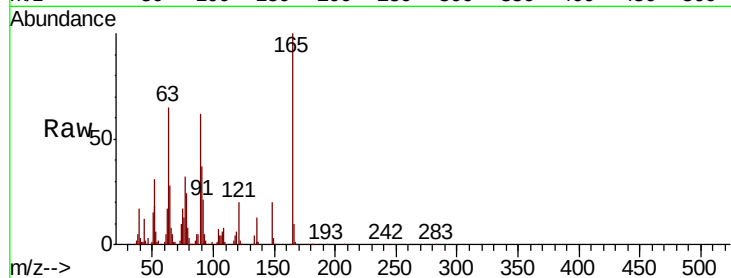
Tot Ion:165 Resp: 126624

Ion Ratio Lower Upper

165 100

63 64.5 50.3 75.5

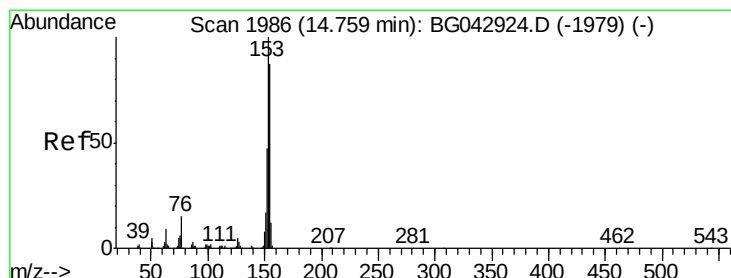
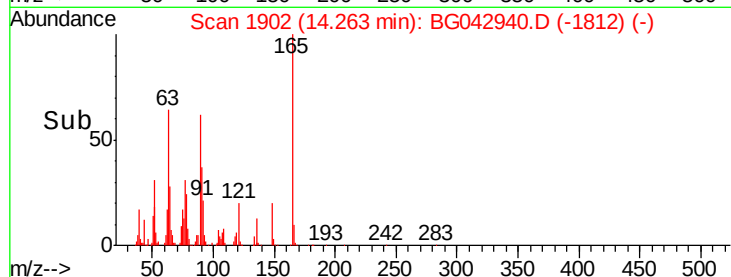
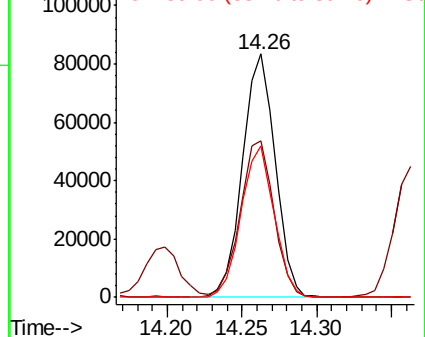
89 62.1 48.9 73.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.365 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

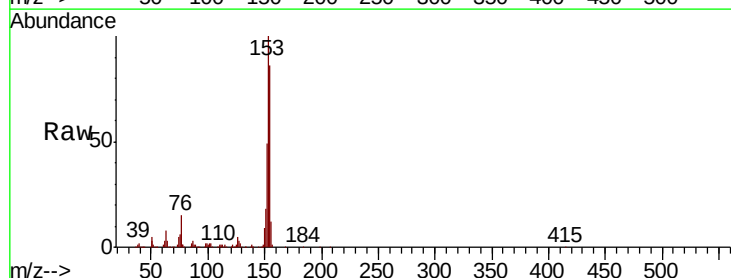
Tgt Ion:154 Resp: 418543

Ion Ratio Lower Upper

154 100

153 115.7 91.4 137.0

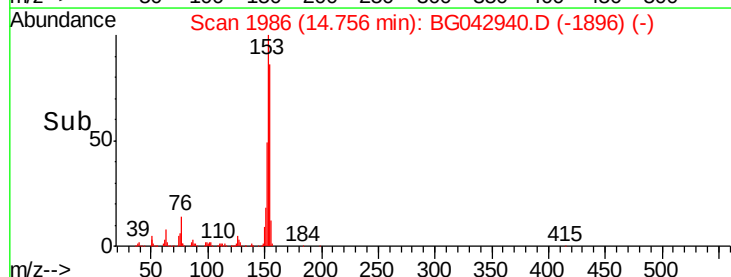
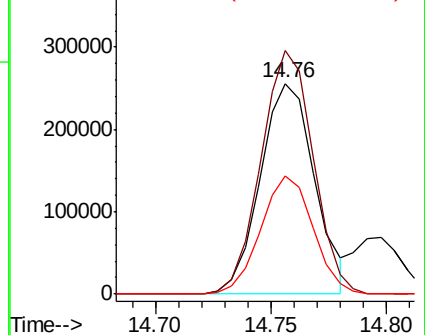
152 56.3 42.8 64.2

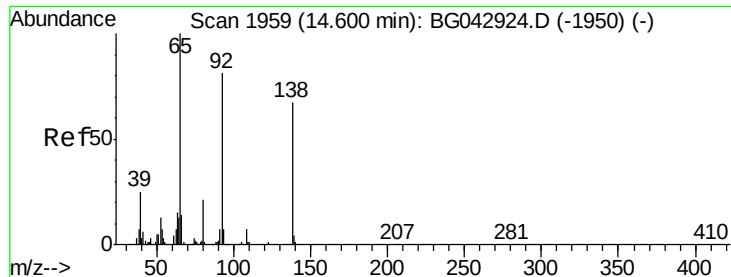


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.422 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

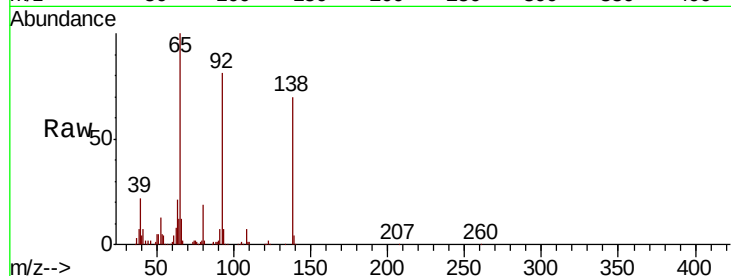
Tot Ion:138 Resp: 94603

Ion Ratio Lower Upper

138 100

108 10.2 7.9 11.9

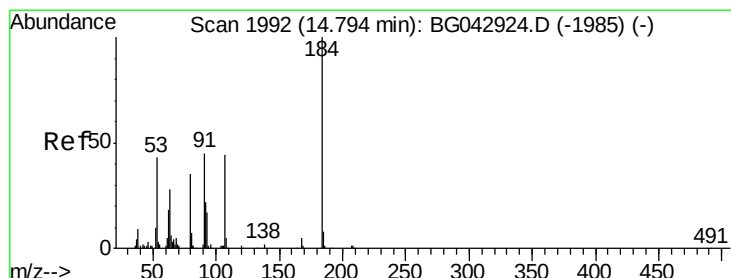
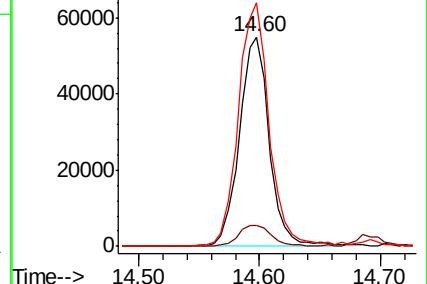
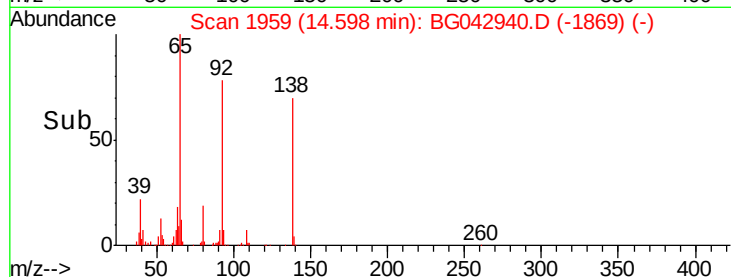
92 116.2 97.0 145.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 90.911 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

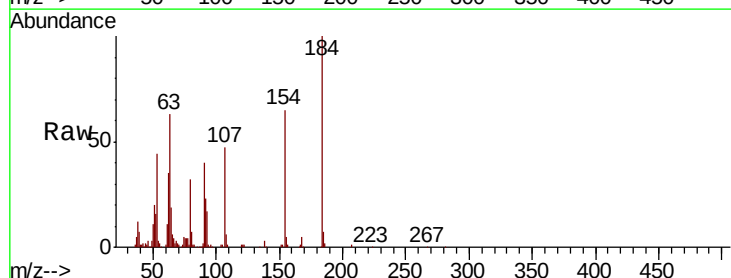
Tgt Ion:184 Resp: 164629

Ion Ratio Lower Upper

184 100

63 63.0 55.0 82.6

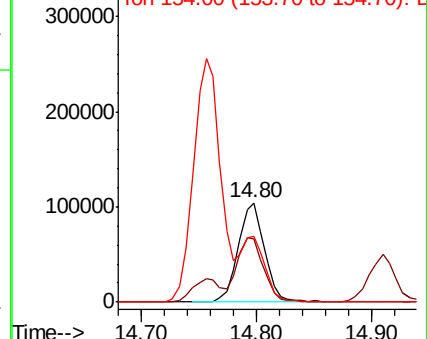
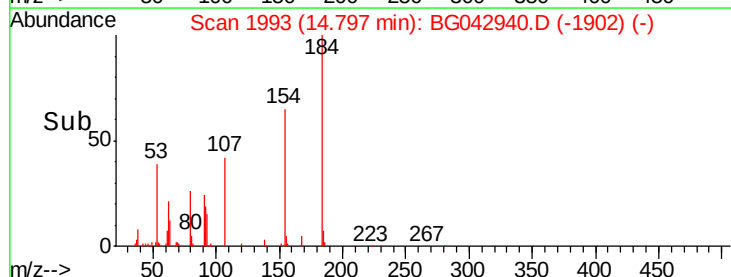
154 65.4 56.5 84.7

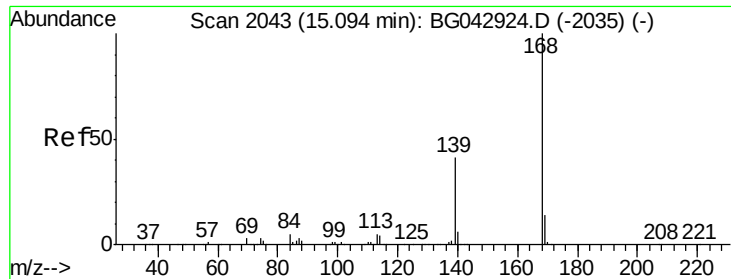


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

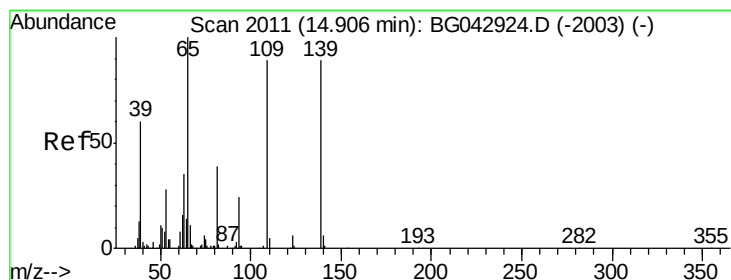
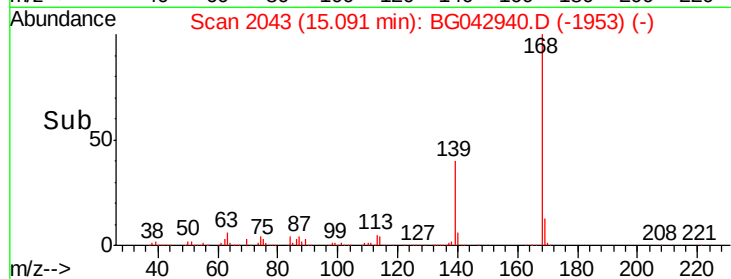
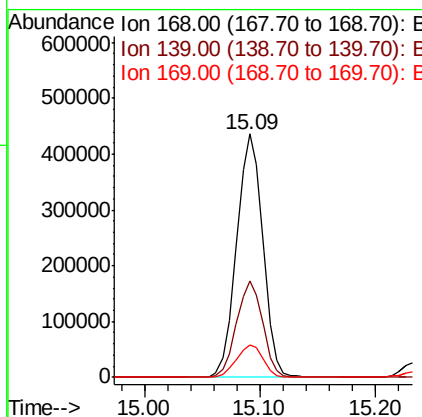
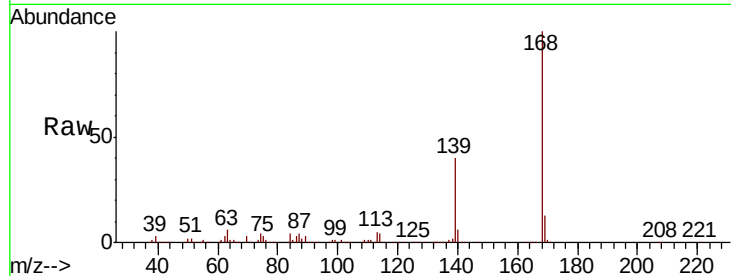




#55
Dibenzenofuran
Concen: 43.345 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

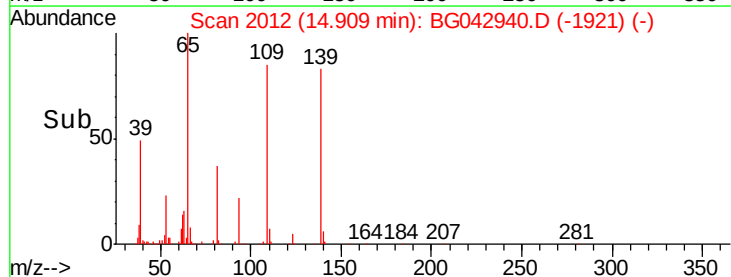
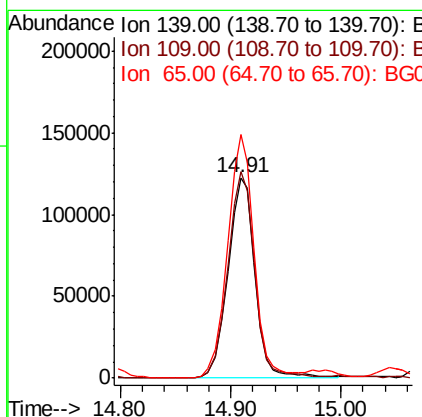
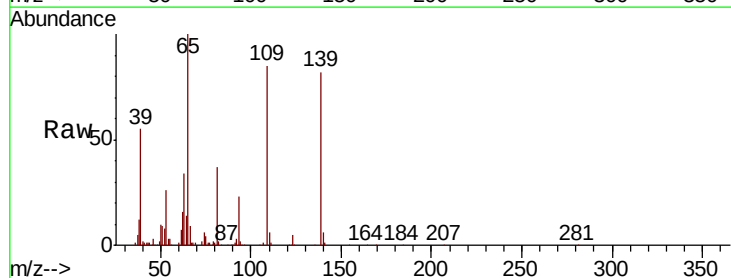
Instrument :
BNA_G
ClientSampled :

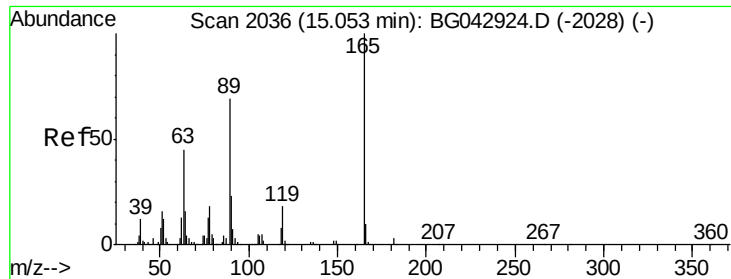
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	32.6	48.8
169	13.3	11.2	16.8



#56
4-Nitrophenol
Concen: 91.515 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.9	79.4	119.4
65	121.5	92.5	132.5

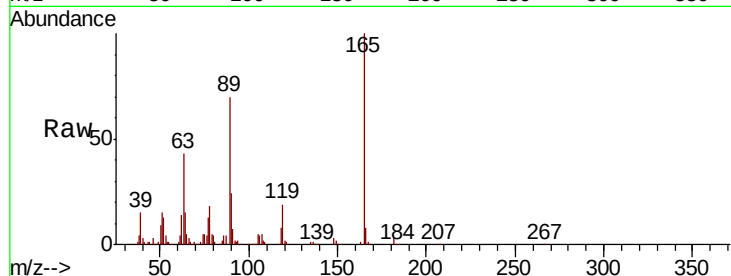




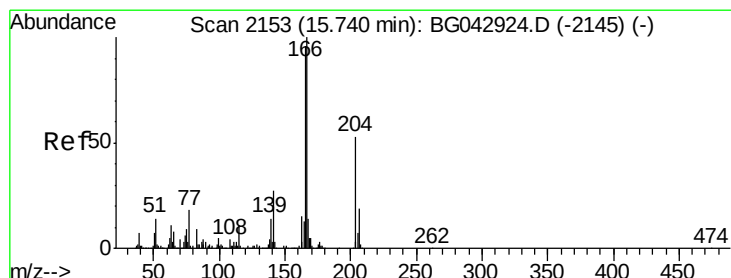
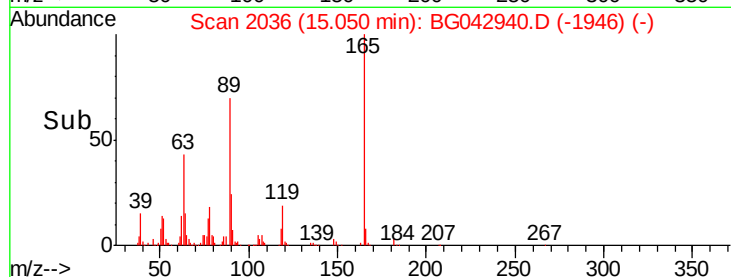
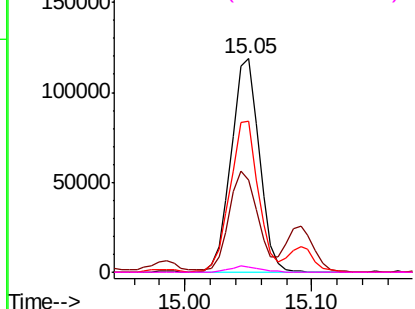
#57
 2,4-Dinitrotoluene
 Concen: 42.680 ng
 RT: 15.05 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.3	36.5	54.7
89	70.4	55.5	83.3
182	2.6	2.4	3.6

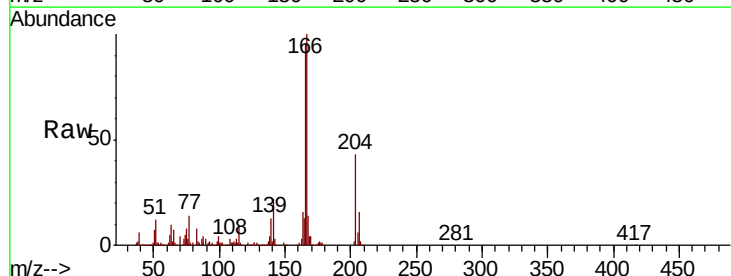


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

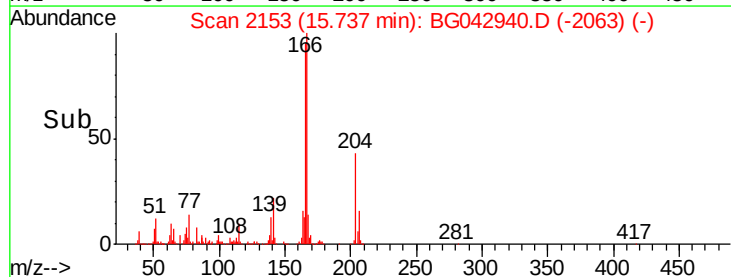
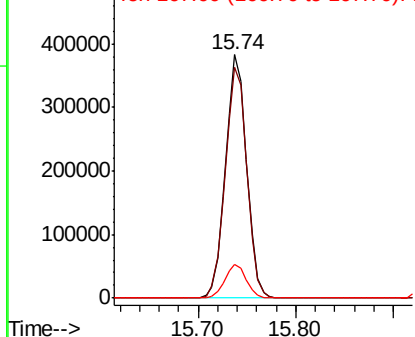


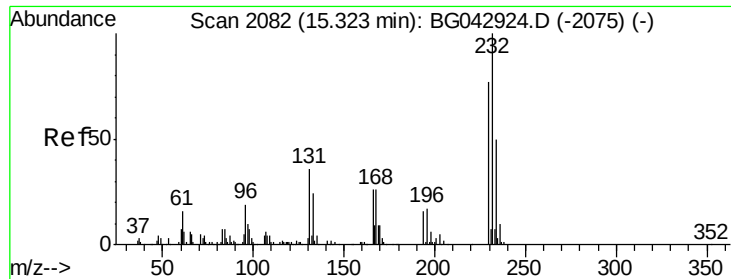
#58
 Fluorene
 Concen: 42.754 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.9	77.1	115.7
167	13.9	11.0	16.6



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

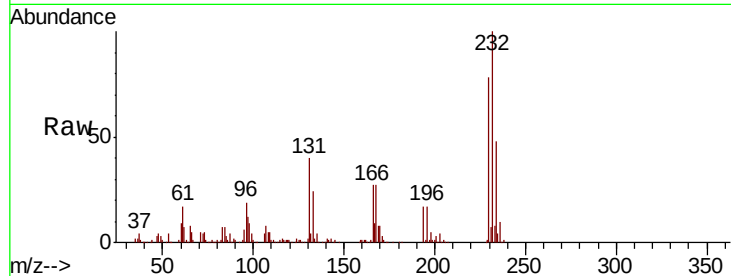




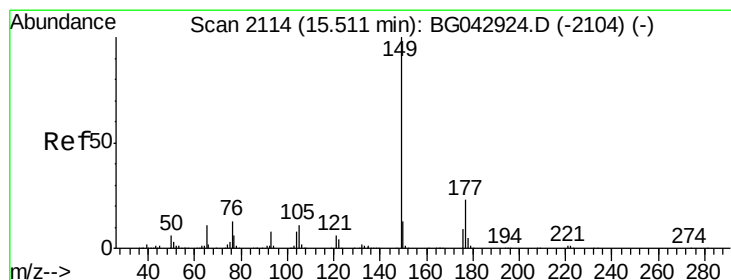
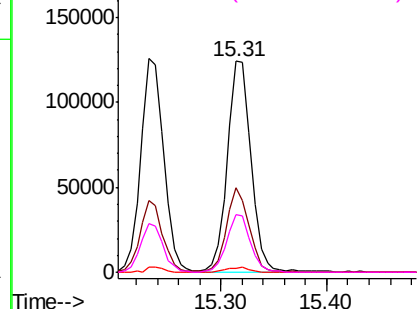
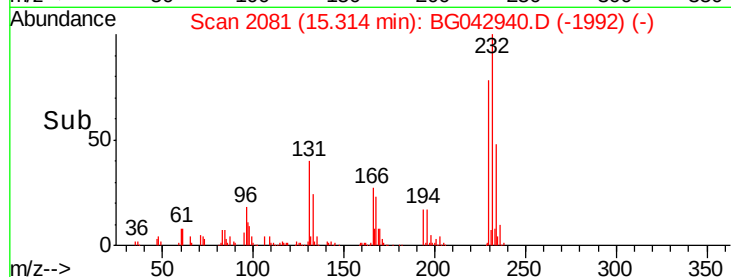
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.808 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	193073
Ion	Ratio	Lower	Upper
232	100		
131	38.3	29.6	44.4
130	2.3	1.9	2.9
166	27.4	21.8	32.8

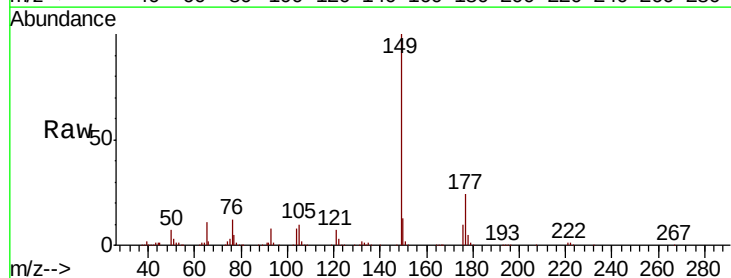


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

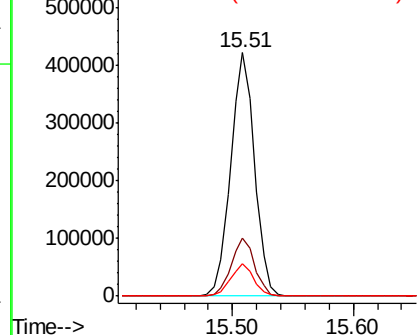
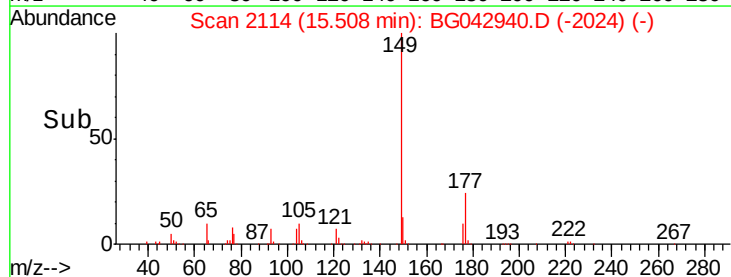


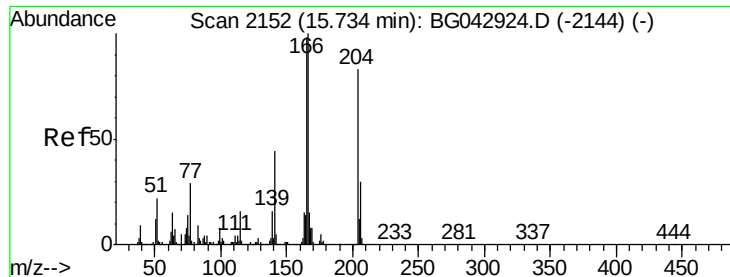
#60
 Diethylphthalate
 Concen: 41.317 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Tgt Ion:	149	Resp:	575236
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.8	28.2
150	13.2	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

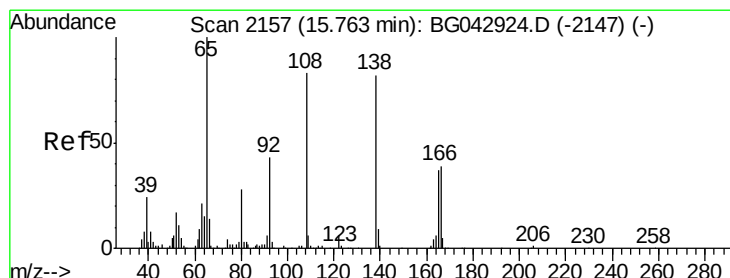
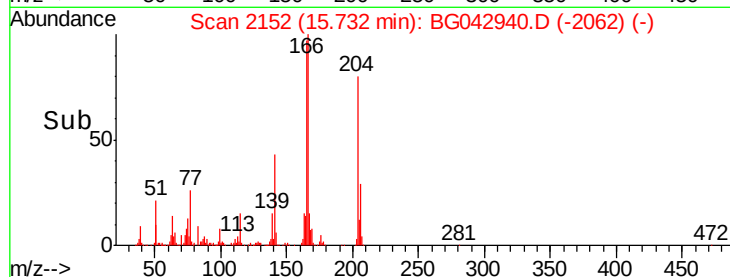
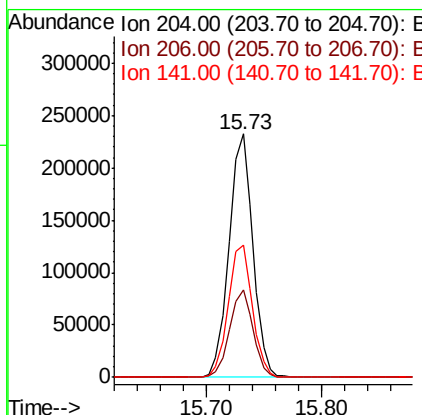
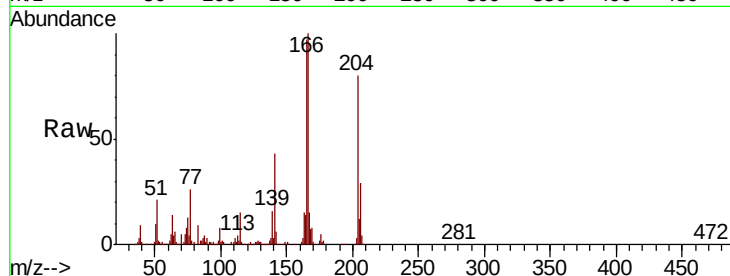




#61
4-Chlorophenyl-phenylether
Concen: 41.091 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

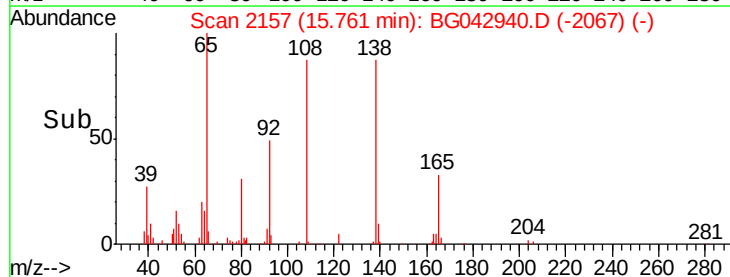
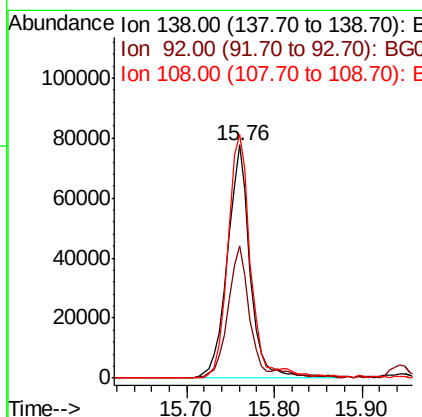
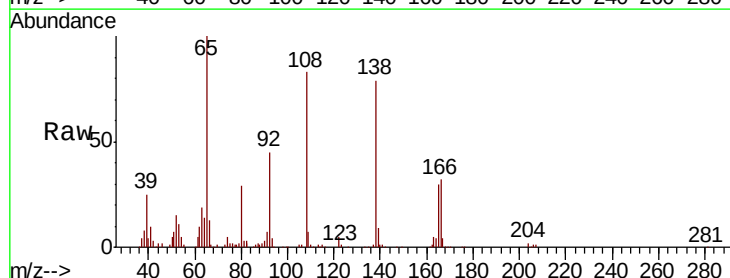
Instrument :
BNA_G
ClientSampleId :

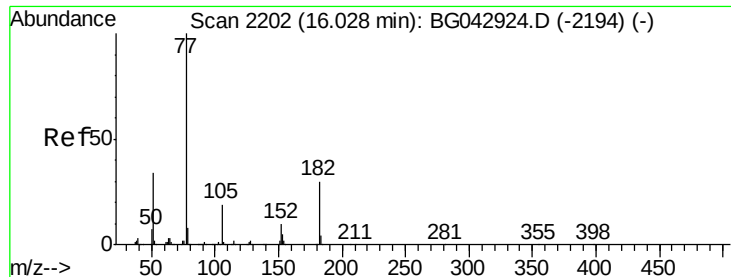
Tot Ion:204 Resp: 330920
Ion Ratio Lower Upper
204 100
206 35.7 28.5 42.7
141 54.2 42.4 63.6



#62
4-Nitroaniline
Concen: 42.219 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion:138 Resp: 138632
Ion Ratio Lower Upper
138 100
92 56.6 32.9 72.9
108 104.4 81.3 121.3





#63

Azobenzene

Concen: 42.765 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 542069

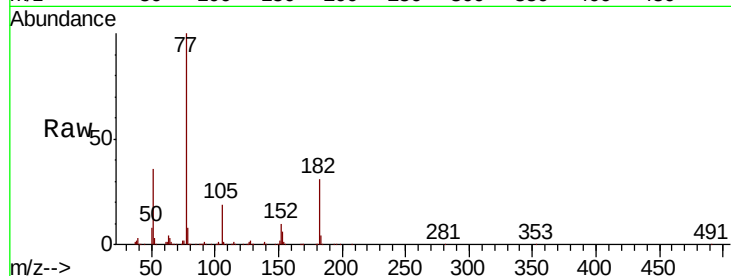
Ion	Ratio	Lower	Upper
77	100		
182	30.8	10.2	50.2
105	19.5	0.0	39.1
51	35.6	13.9	53.9

77 100

182 30.8 10.2 50.2

105 19.5 0.0 39.1

51 35.6 13.9 53.9



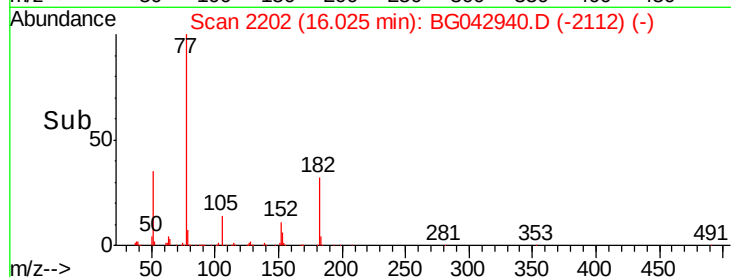
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

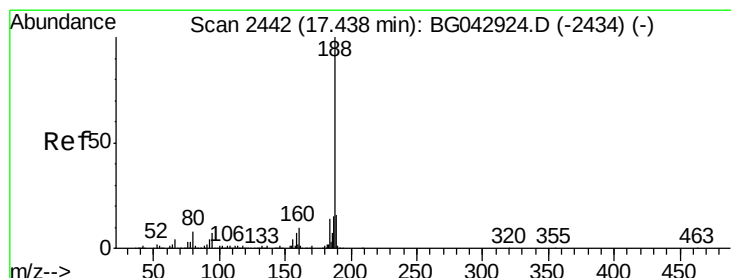
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Time-->



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

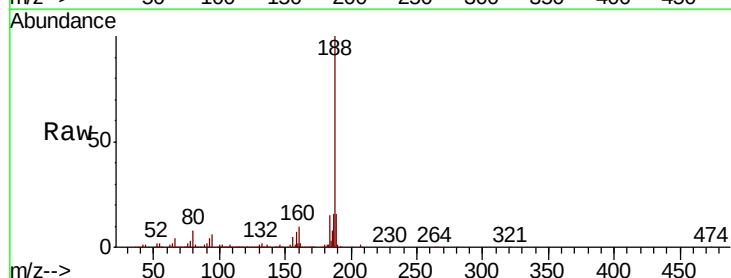
Tgt Ion: 188 Resp: 436124

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.7	8.5
80	8.2	6.5	9.7

188 100

94 6.2 5.7 8.5

80 8.2 6.5 9.7

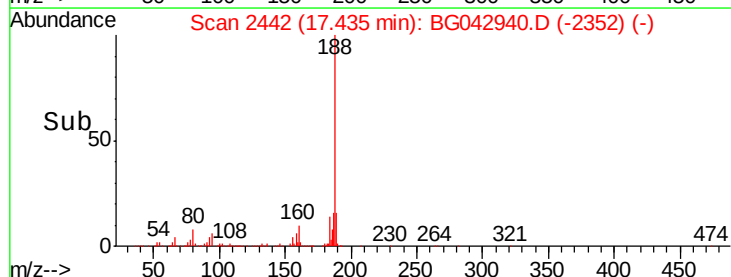


Abundance Ion 188.00 (187.70 to 188.70): BGC

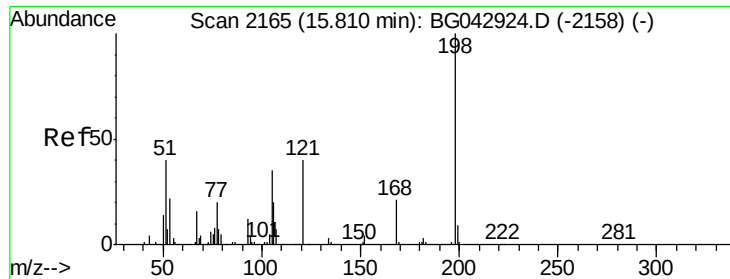
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



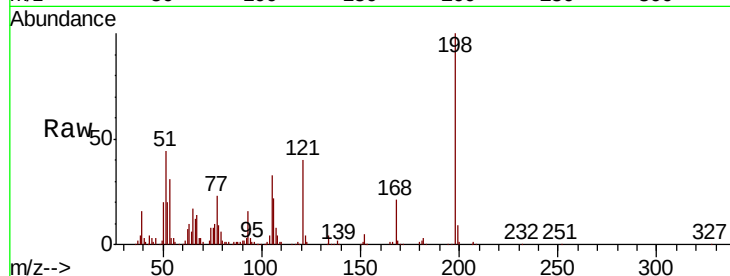
Time-->



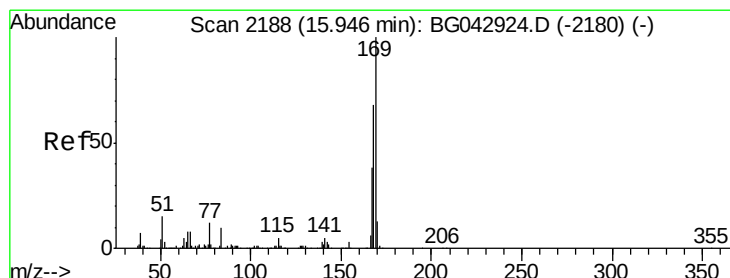
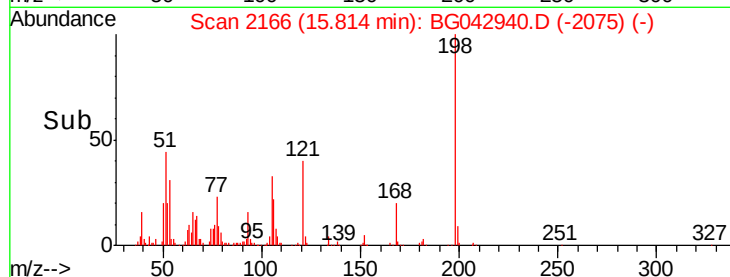
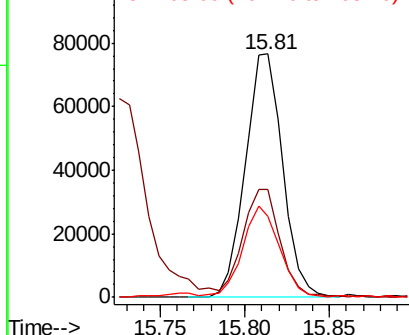
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.628 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 117540
 Ion Ratio Lower Upper
 198 100
 51 44.2 25.3 65.3
 105 33.4 16.6 56.6

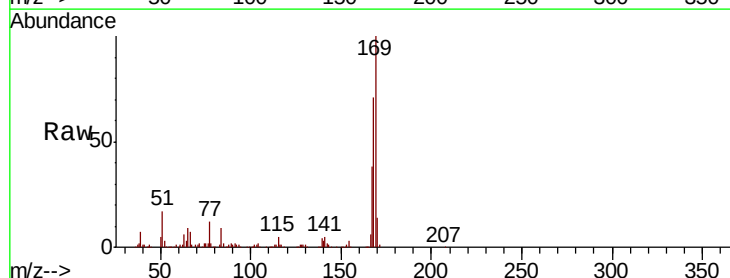


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

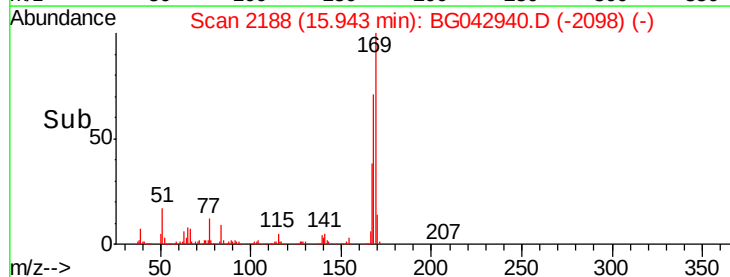
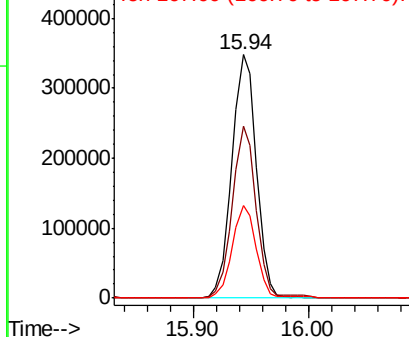


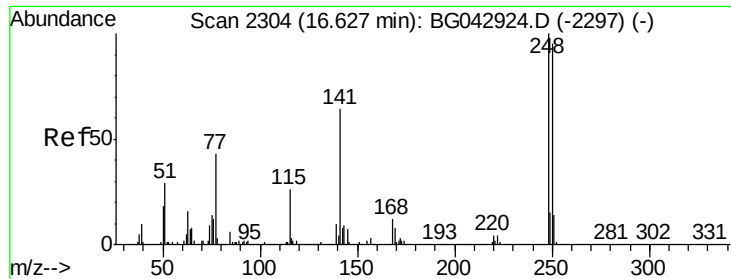
#66
 n-Nitrosodiphenylamine
 Concen: 44.416 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Tgt Ion:169 Resp: 511370
 Ion Ratio Lower Upper
 169 100
 168 70.7 54.8 82.2
 167 37.9 30.6 46.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

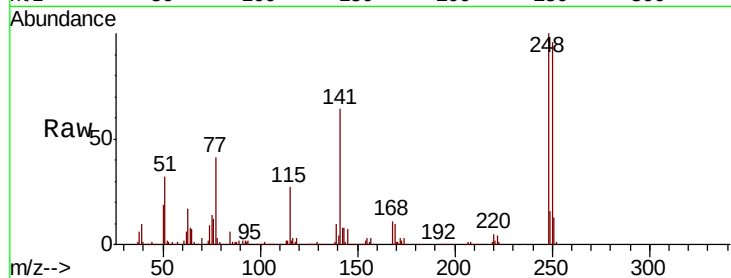




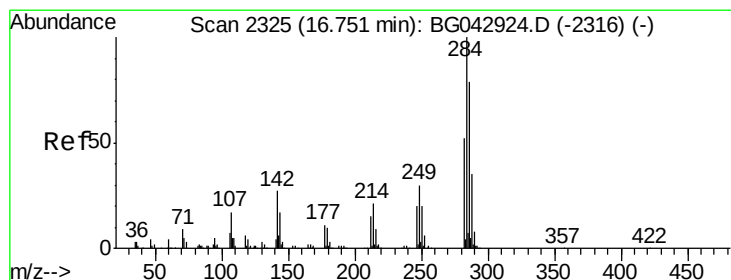
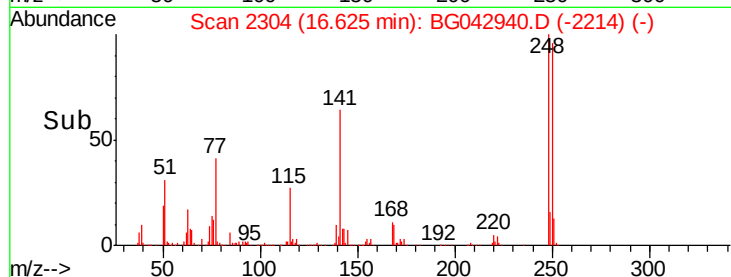
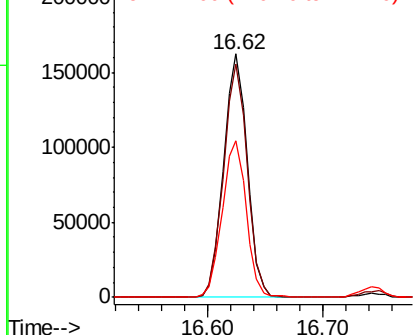
#67
4-Bromophenyl-phenylether
Concen: 42.046 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 230148
Ion Ratio Lower Upper
248 100
250 95.7 75.8 113.8
141 64.3 51.1 76.7

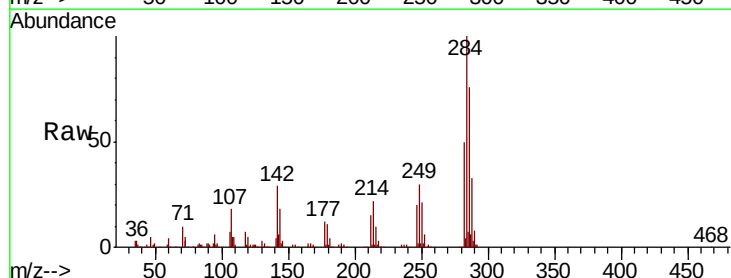


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

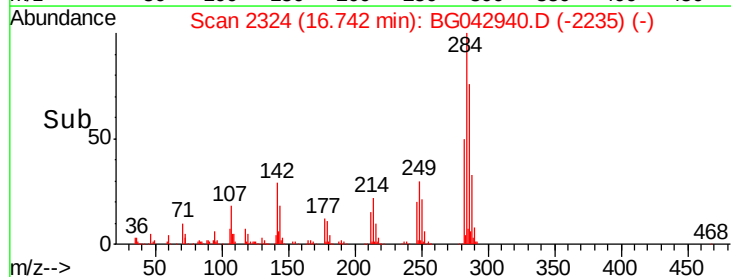
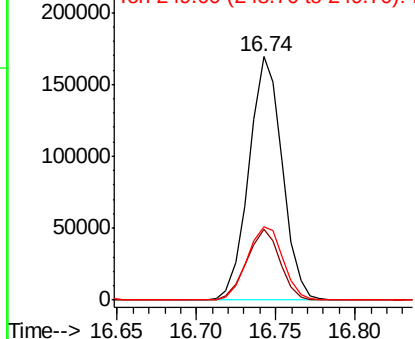


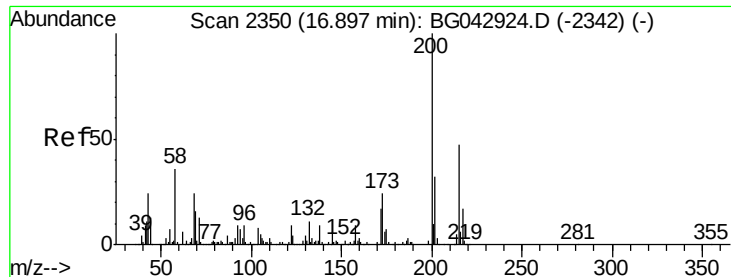
#68
Hexachlorobenzene
Concen: 40.546 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion:284 Resp: 247117
Ion Ratio Lower Upper
284 100
142 29.0 21.6 32.4
249 30.3 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.368 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

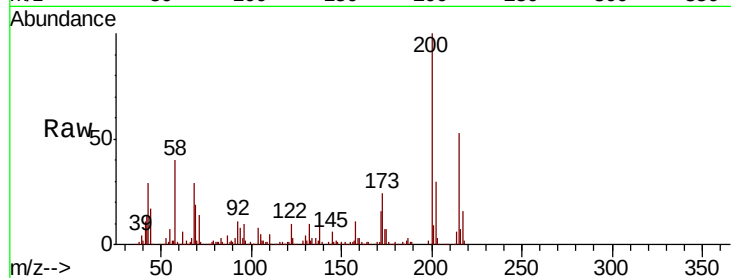
Tot Ion:200 Resp: 200555

Ion Ratio Lower Upper

200 100

173 23.8 4.0 44.0

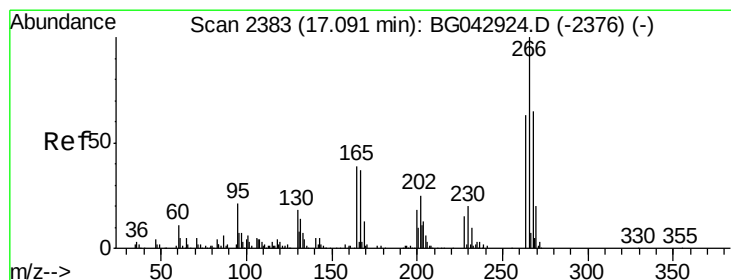
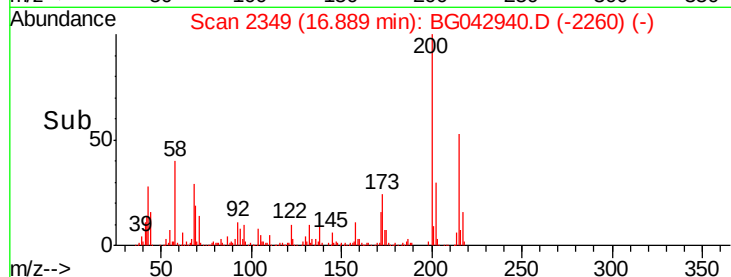
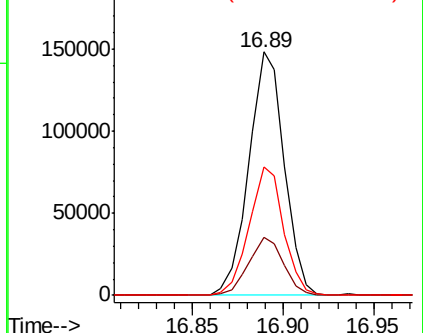
215 52.5 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 94.740 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

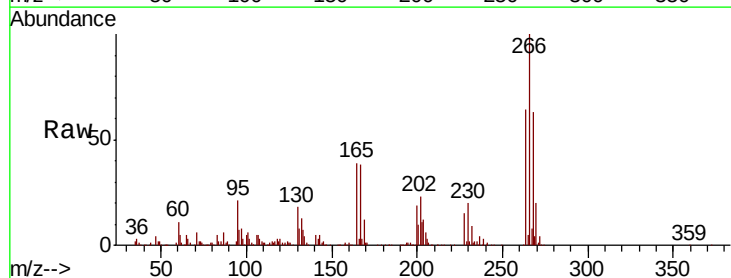
Tgt Ion:266 Resp: 333178

Ion Ratio Lower Upper

266 100

268 63.0 52.2 78.2

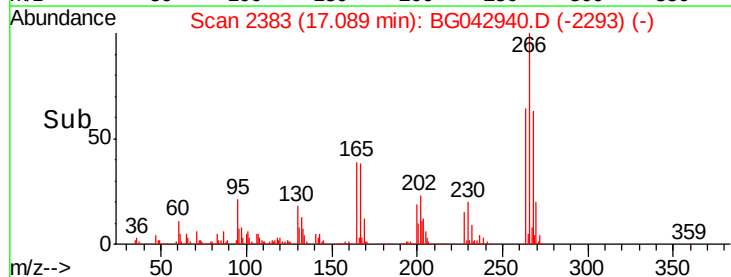
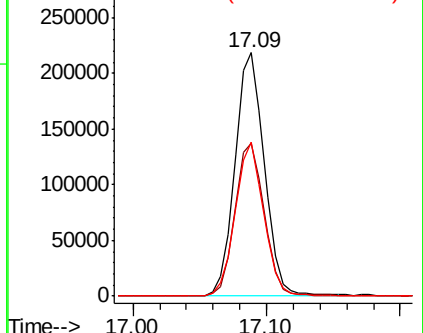
264 63.5 50.7 76.1

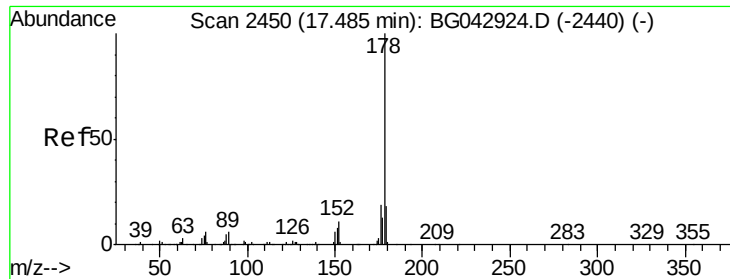


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.681 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

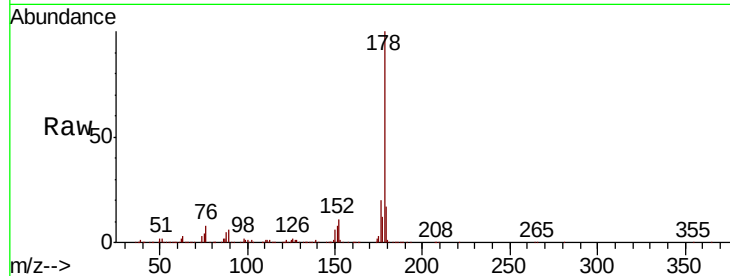
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 930051

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.1	22.7
179	17.3	14.1	21.1

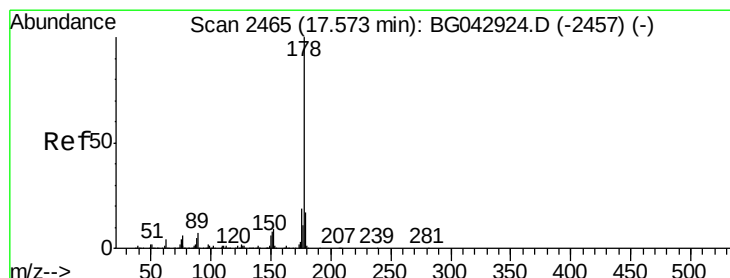
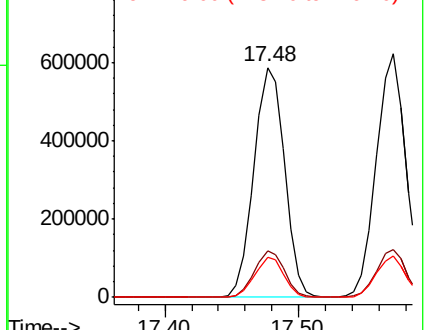
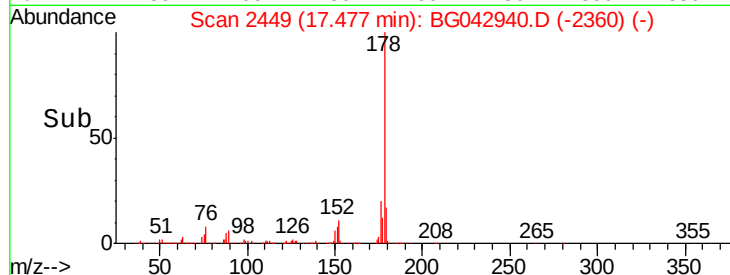


Abundance

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: 44.721 ng

RT: 17.57 min Scan# 2465

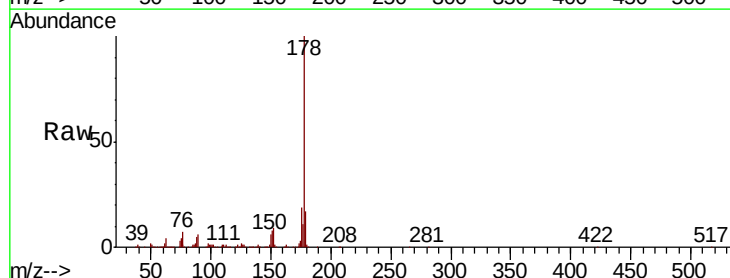
Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Tgt Ion:178 Resp: 950577

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	17.1	13.5	20.3

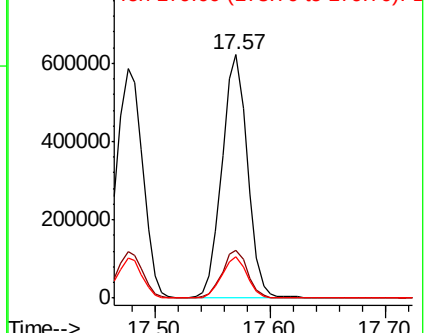
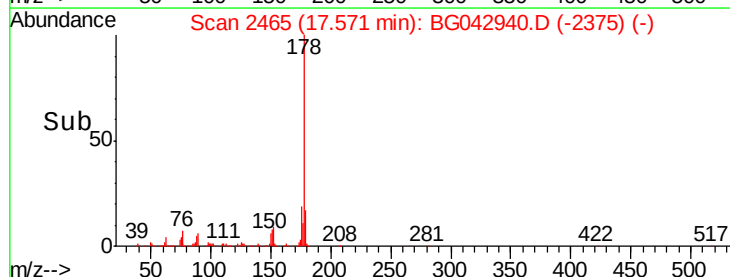


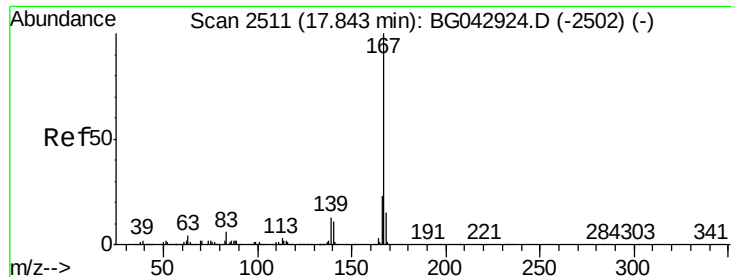
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

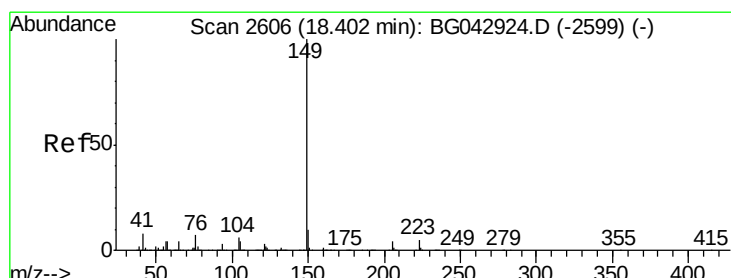
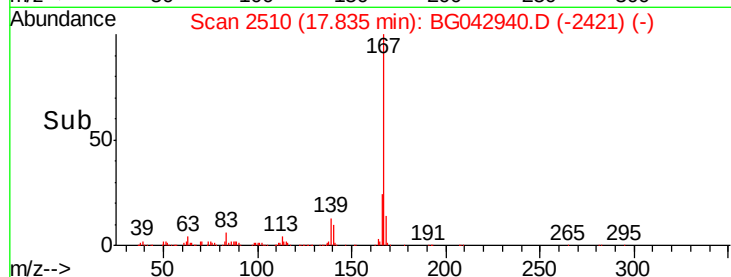
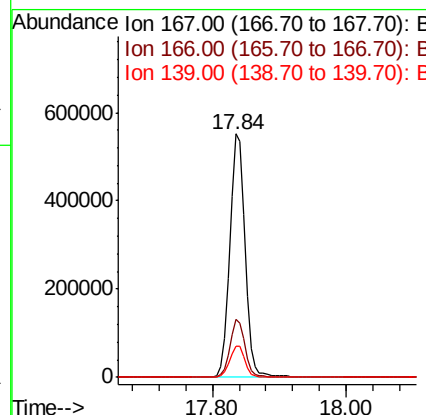
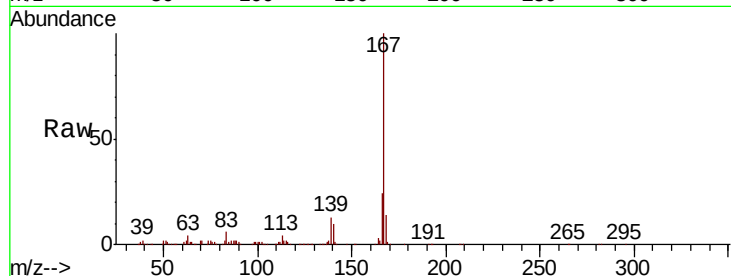




#73
 Carbazole
 Concen: 45.527 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

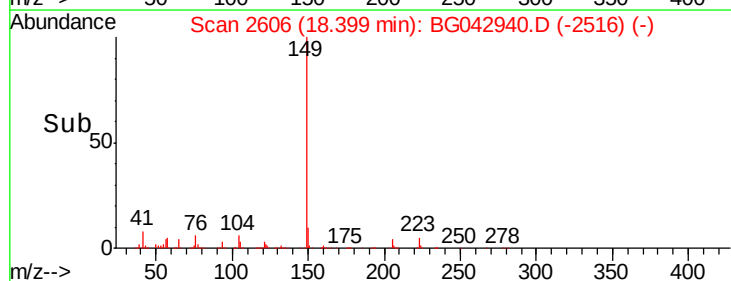
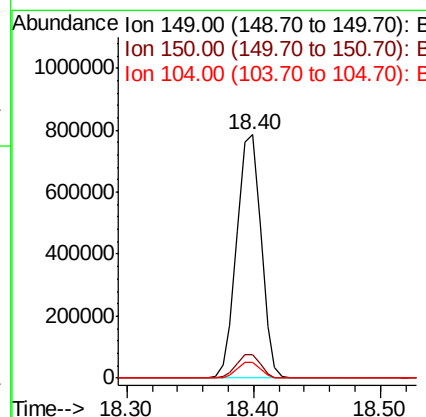
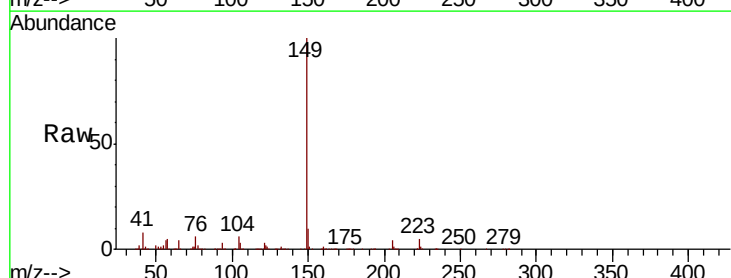
Instrument :
 BNA_G
 ClientSampleId :

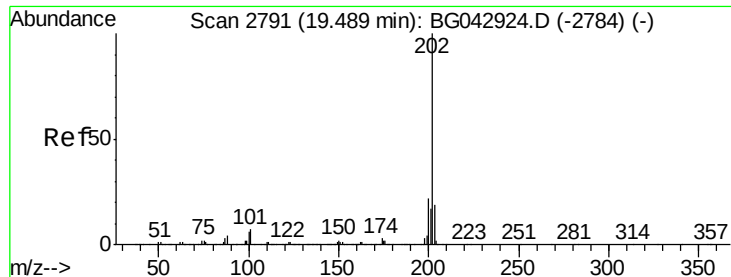
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.6	28.0
139	12.9	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 44.283 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	6.3	5.0	7.6





#75

Fluoranthene

Concen: 46.670 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

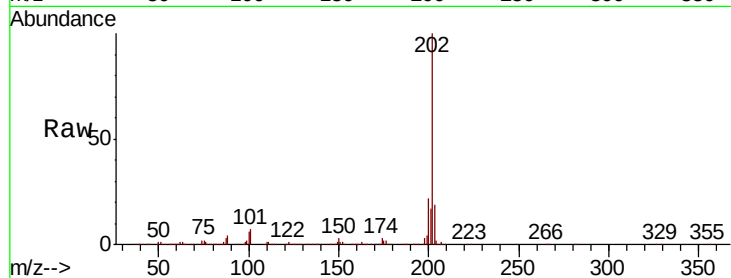
Tot Ion:202 Resp: 1314330

Ion Ratio Lower Upper

202 100

101 7.0 0.0 27.3

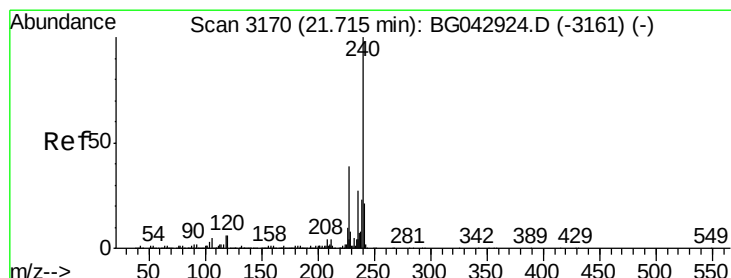
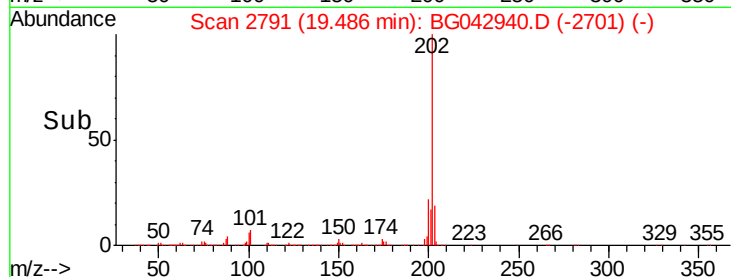
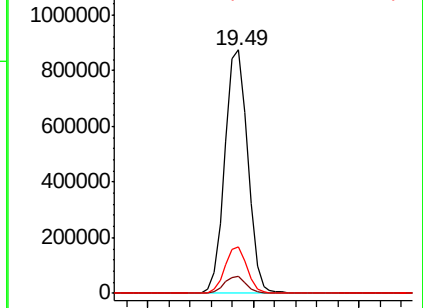
203 19.0 0.0 39.5



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: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

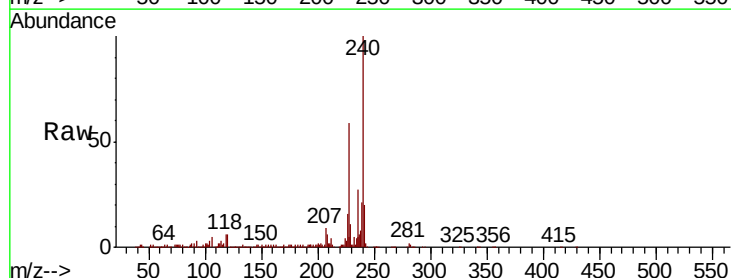
Tgt Ion:240 Resp: 536728

Ion Ratio Lower Upper

240 100

120 6.0 4.8 7.2

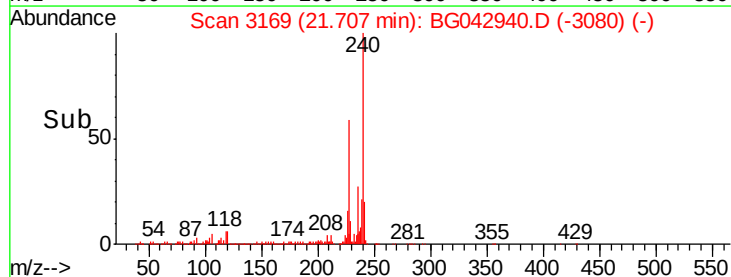
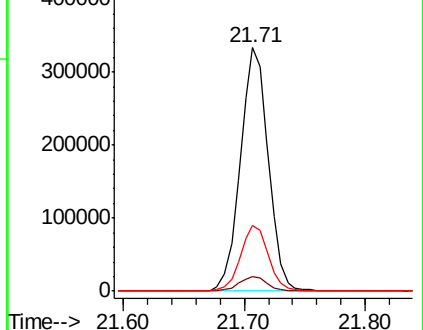
236 26.7 21.4 32.0

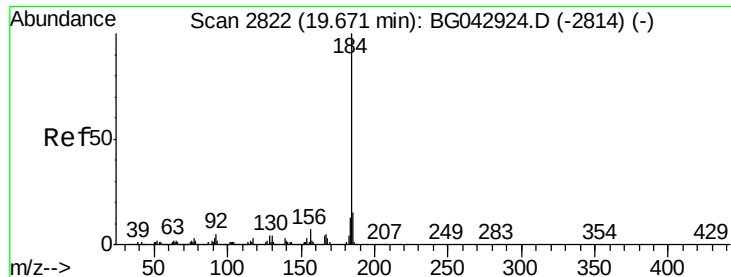


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.790 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

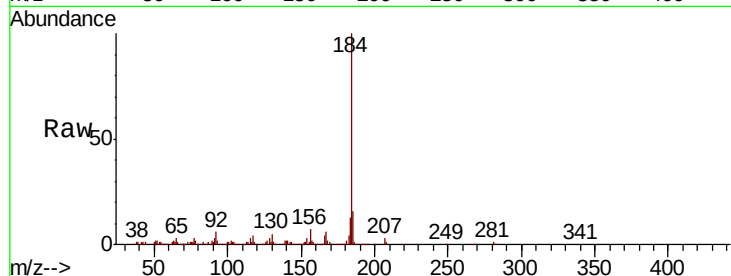
Tot Ion:184 Resp: 427224

Ion Ratio Lower Upper

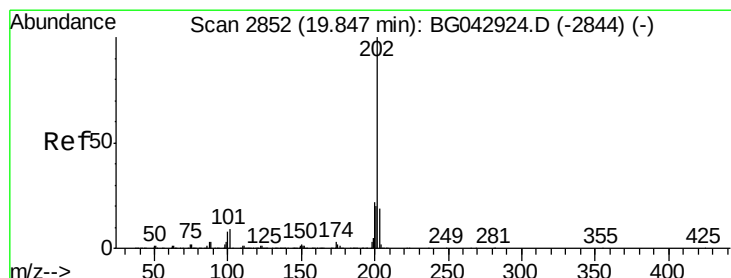
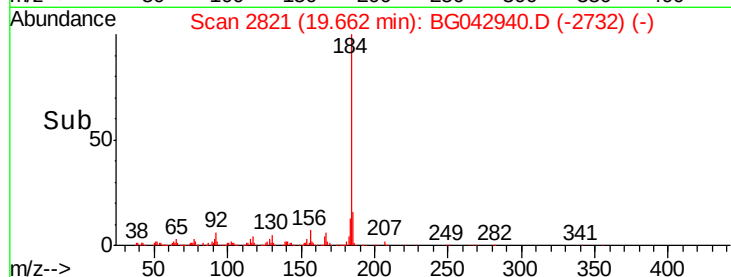
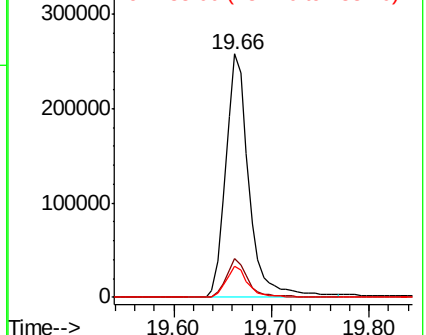
184 100

185 15.7 11.8 17.8

183 13.0 10.1 15.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.798 ng

RT: 19.84 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

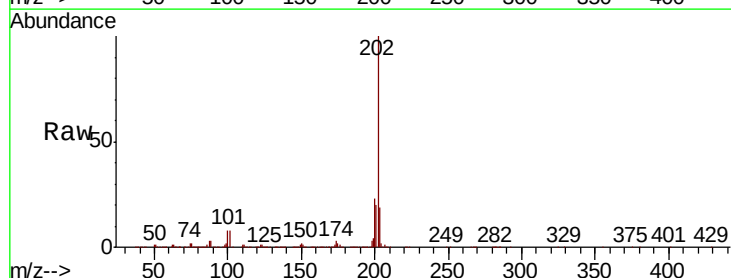
Tgt Ion:202 Resp: 1339023

Ion Ratio Lower Upper

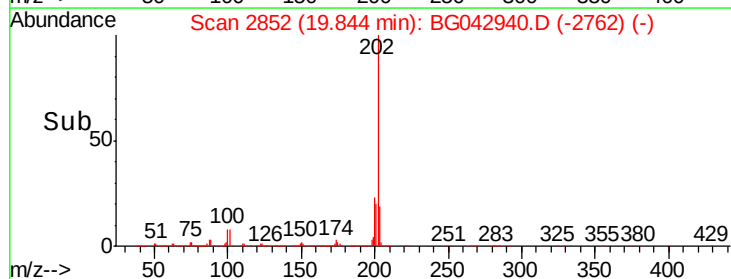
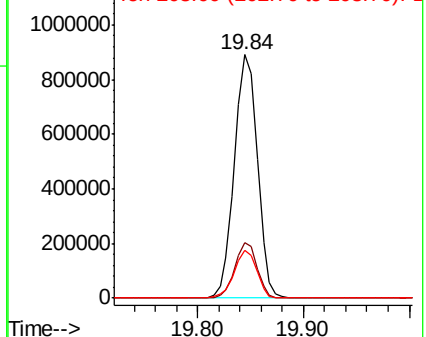
202 100

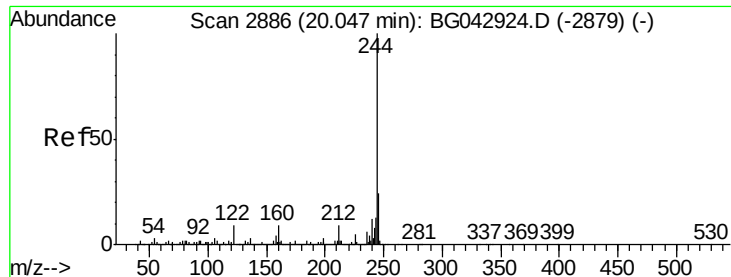
200 22.5 17.6 26.4

203 19.4 15.2 22.8



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





#79

Terphenyl-d14

Concen: 69.945 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

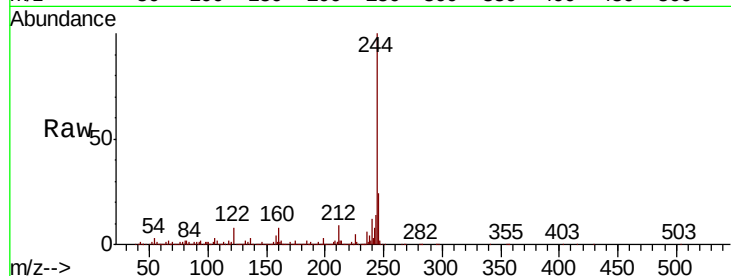
Tot Ion:244 Resp: 1761774

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.0

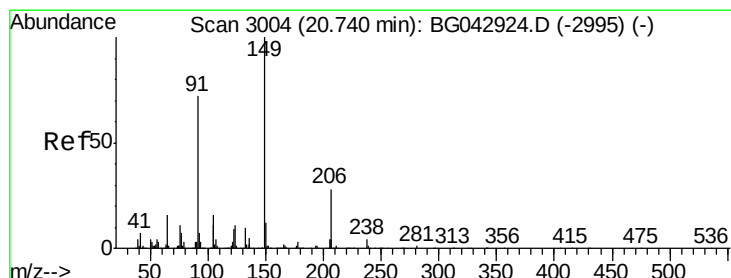
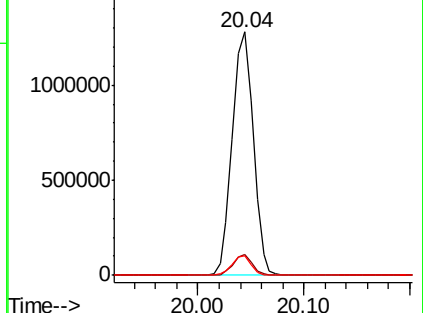
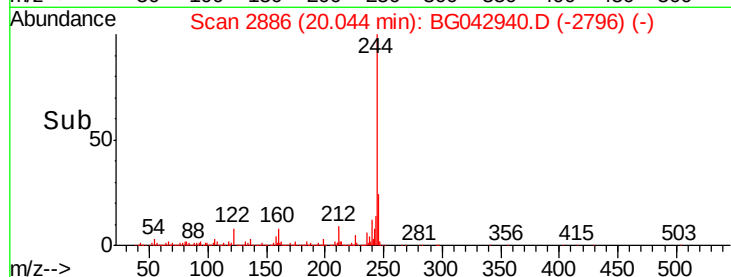
122 7.9 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.618 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

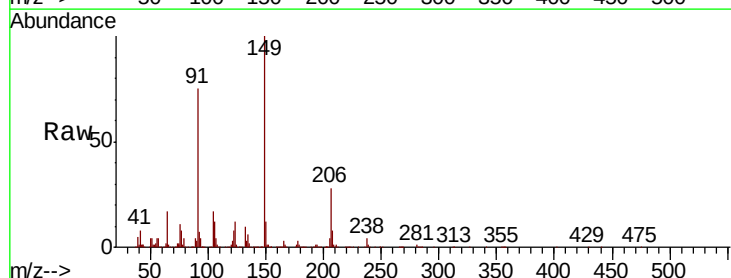
Tgt Ion:149 Resp: 518231

Ion Ratio Lower Upper

149 100

91 74.7 57.7 86.5

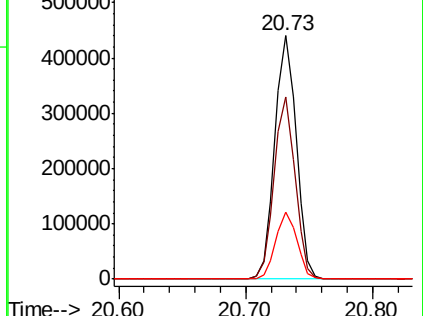
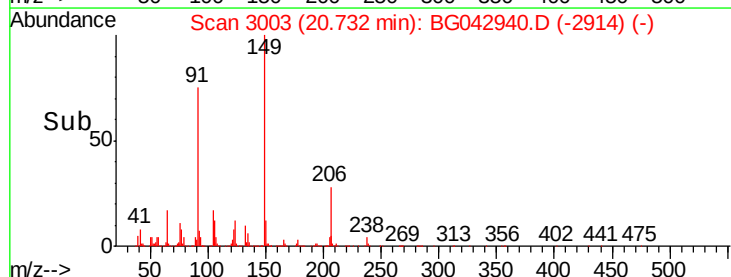
206 27.7 22.6 33.8

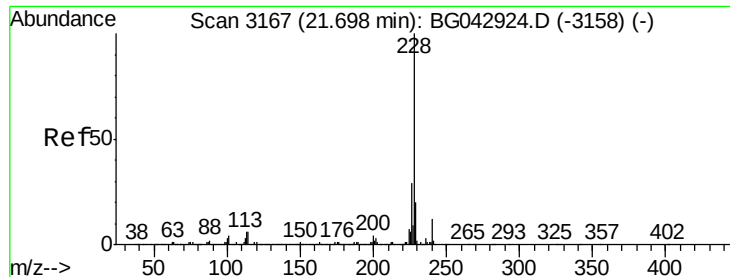


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.095 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

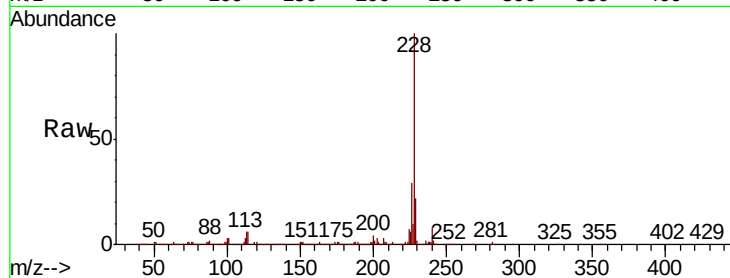
Tot Ion:228 Resp: 1407775

Ion Ratio Lower Upper

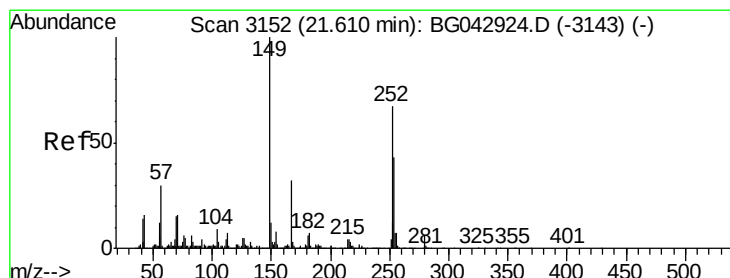
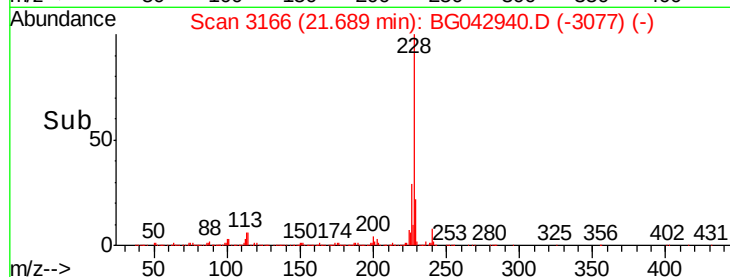
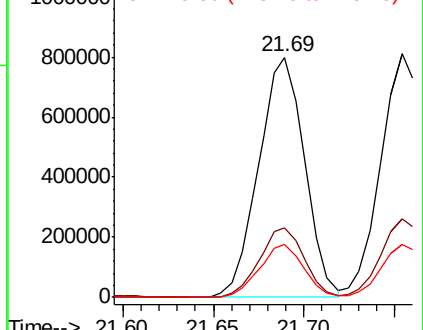
228 100

226 29.0 23.0 34.4

229 21.8 16.3 24.5



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: 36.702 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

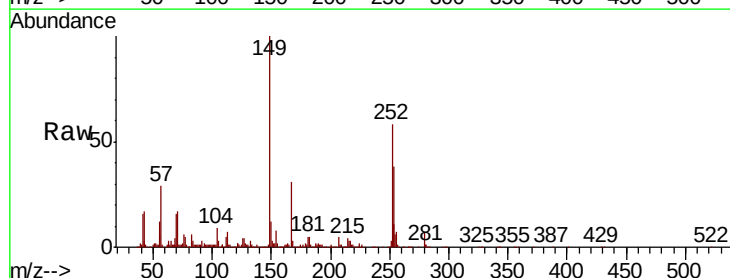
Tgt Ion:252 Resp: 481417

Ion Ratio Lower Upper

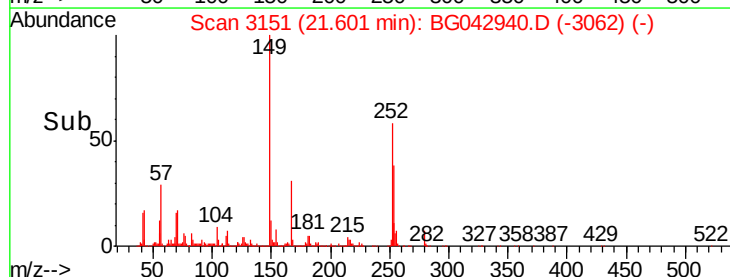
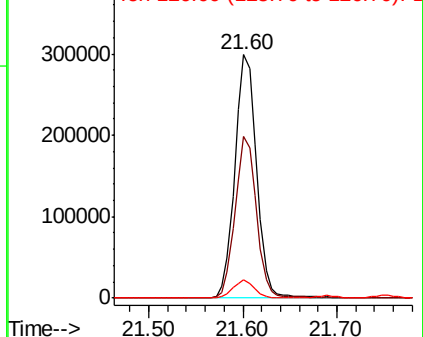
252 100

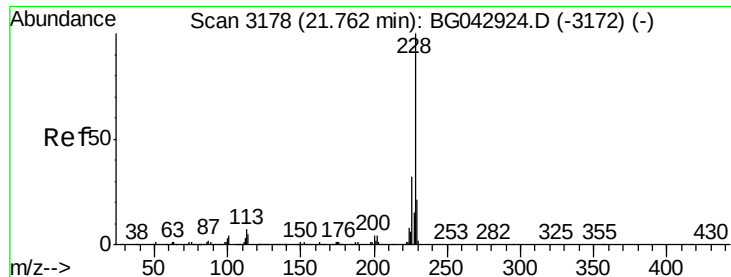
254 66.4 51.9 77.9

126 7.4 6.1 9.1



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: 42.552 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

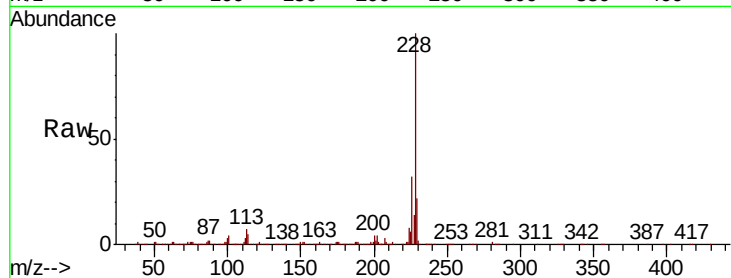
Tot Ion:228 Resp: 1380994

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.6	38.4
229	21.9	16.9	25.3

228 100

226 32.3 25.6 38.4

229 21.9 16.9 25.3

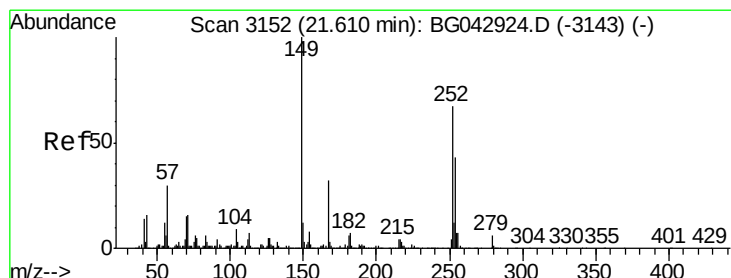
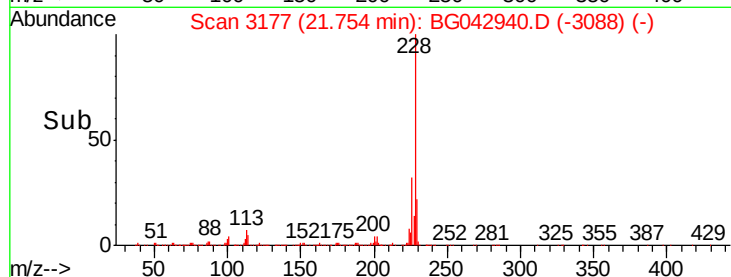
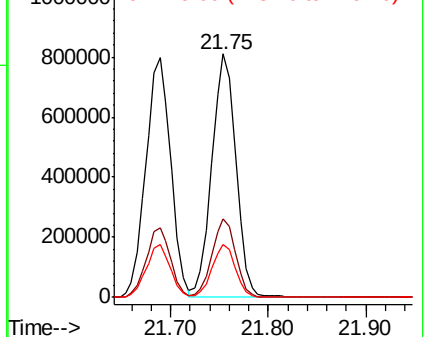


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.305 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

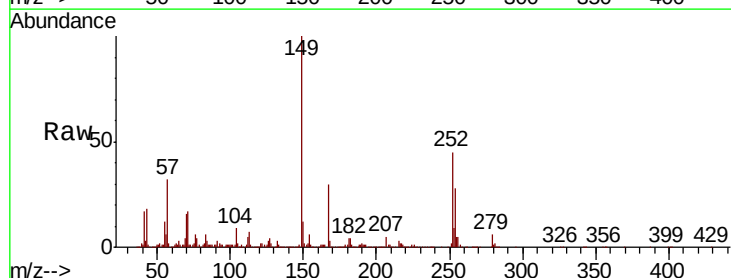
Tgt Ion:149 Resp: 731994

Ion	Ratio	Lower	Upper
149	100		
167	30.4	25.4	38.2
279	6.1	5.1	7.7

149 100

167 30.4 25.4 38.2

279 6.1 5.1 7.7

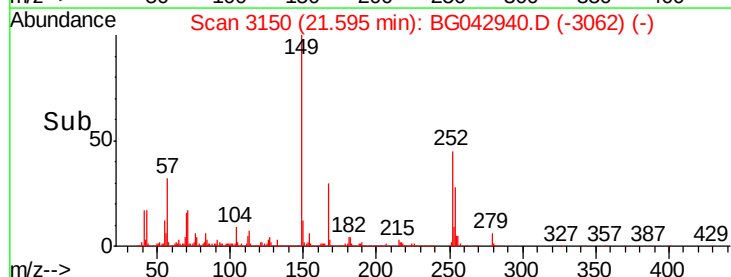
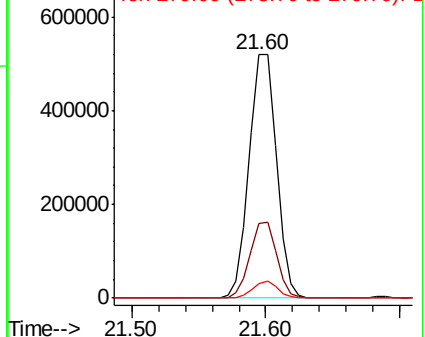


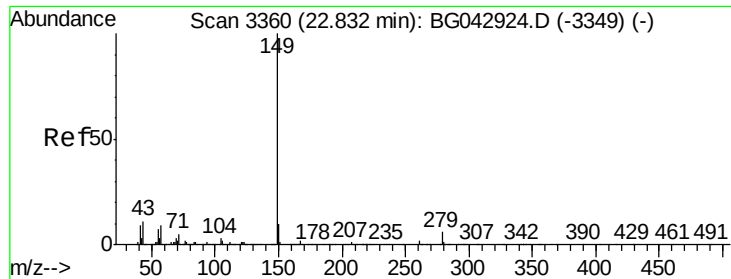
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

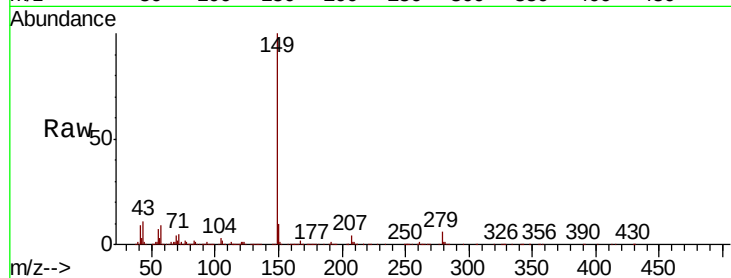




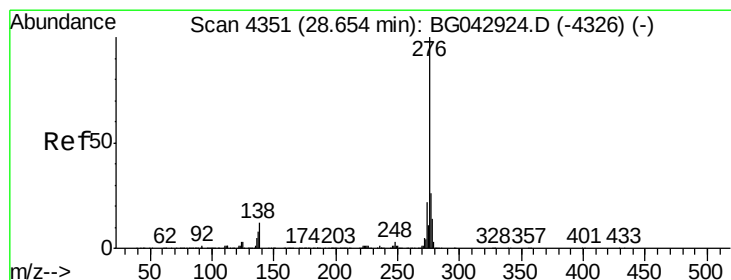
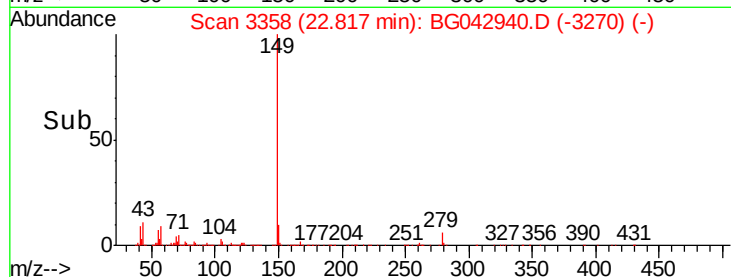
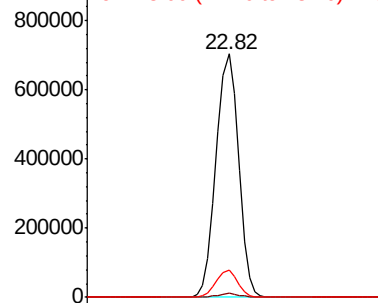
#85
Di-n-octyl phthalate
Concen: 43.102 ng
RT: 22.82 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1219503
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.7 8.7 13.1

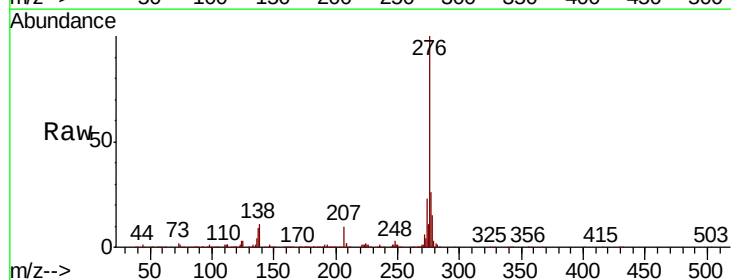


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

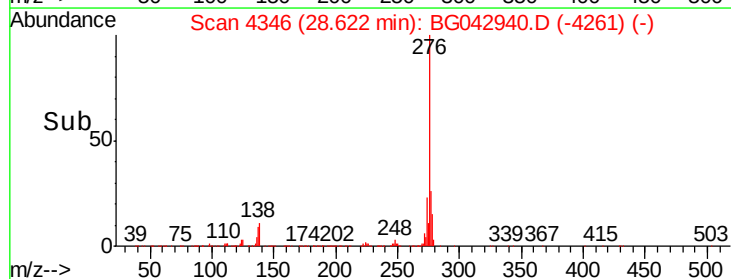
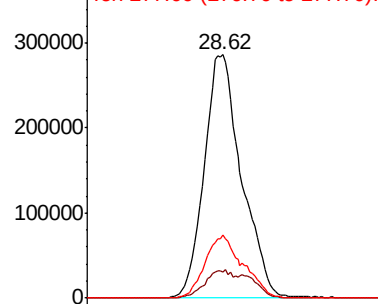


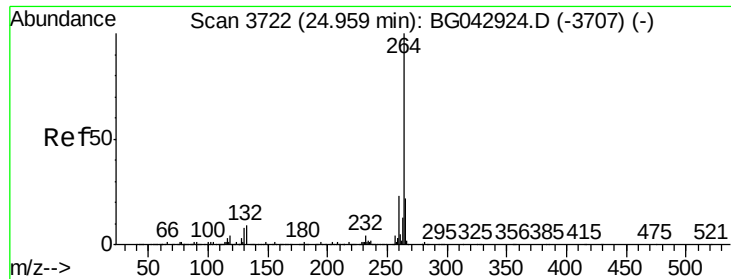
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.873 ng
RT: 28.62 min Scan# 4346
Delta R.T. -0.03 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion:276 Resp: 1732191
Ion Ratio Lower Upper
276 100
138 9.1 7.0 10.6
277 26.3 20.9 31.3



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

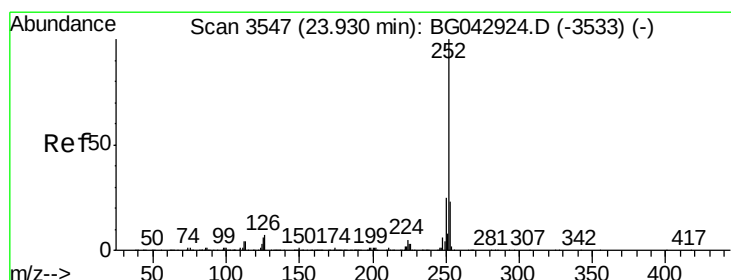
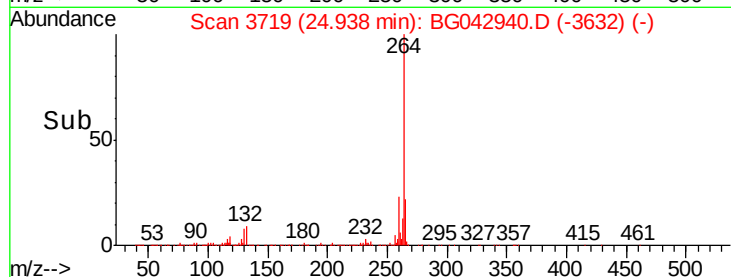
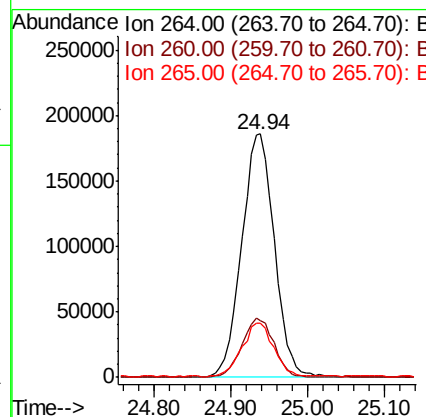
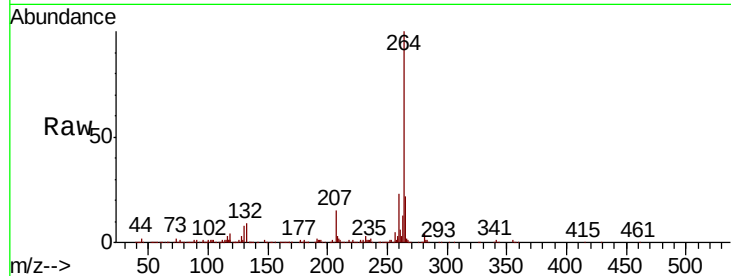




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.02 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

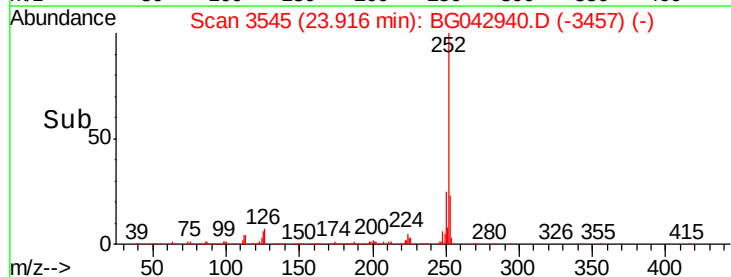
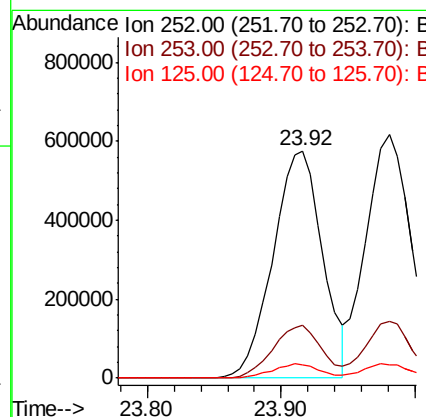
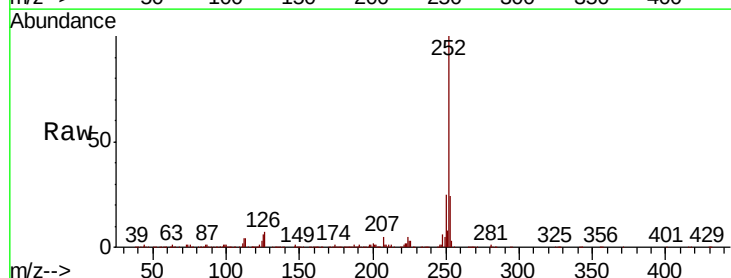
Instrument :
BNA_G
ClientSampleId :

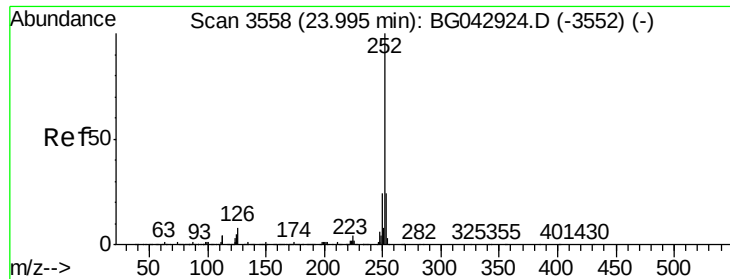
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.1	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 47.439 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	5.6	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 47.101 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

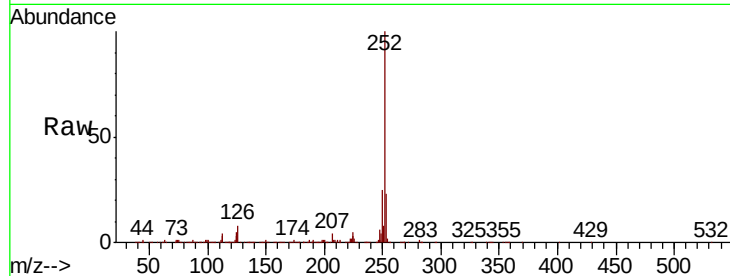
Tot Ion:252 Resp: 1457086

Ion Ratio Lower Upper

252 100

253 23.3 18.9 28.3

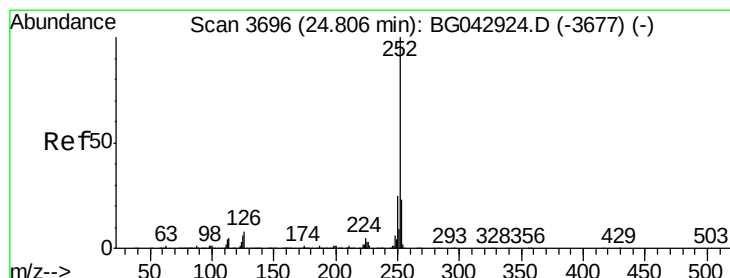
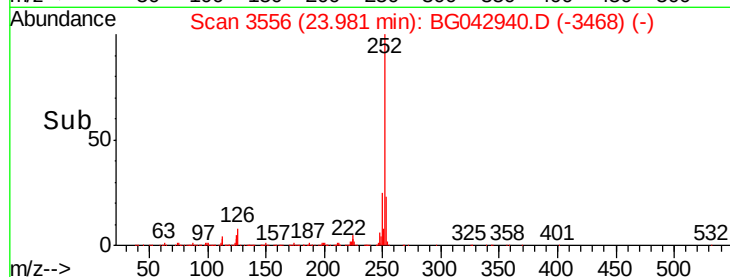
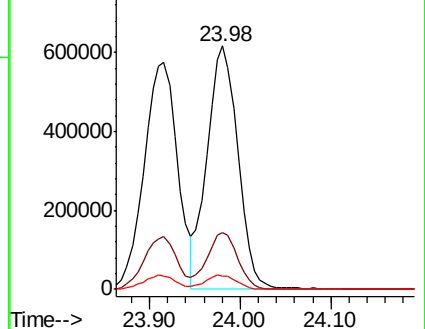
125 5.4 4.5 6.7



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: 48.847 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.02 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

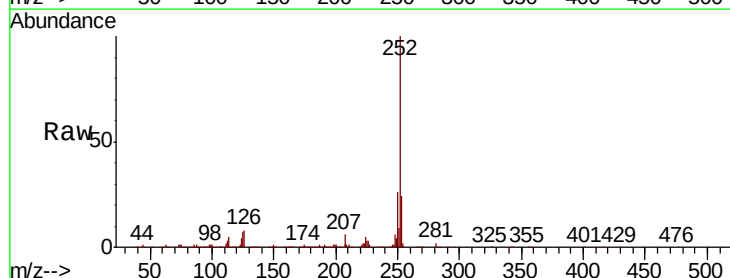
Tgt Ion:252 Resp: 1441113

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.4

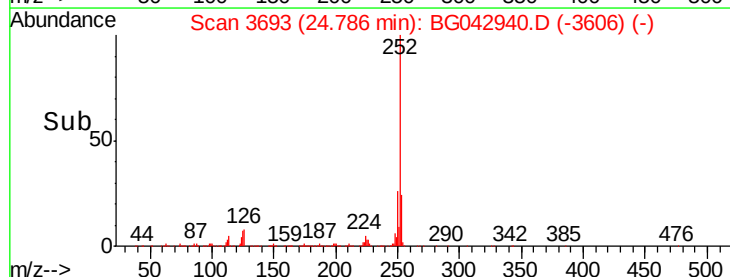
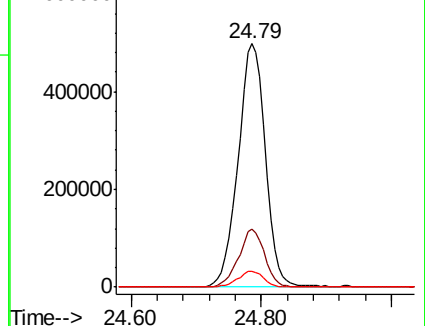
125 6.7 5.0 7.6

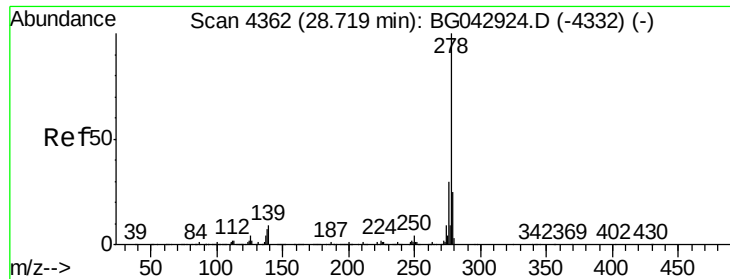


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

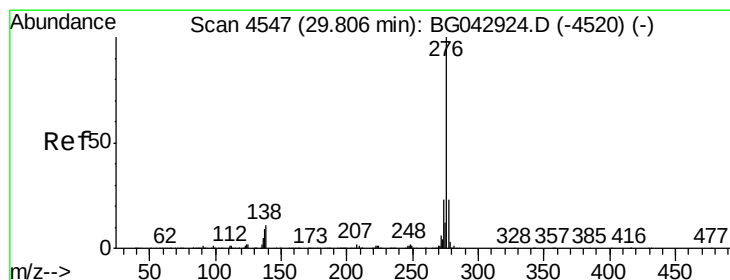
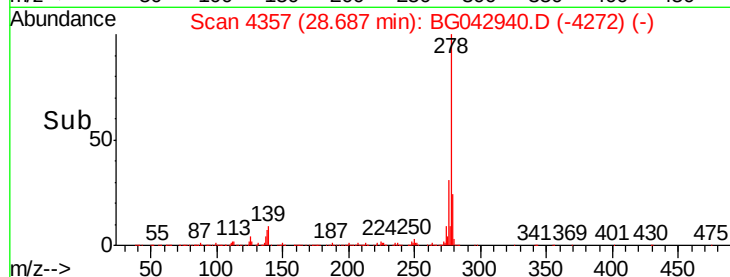
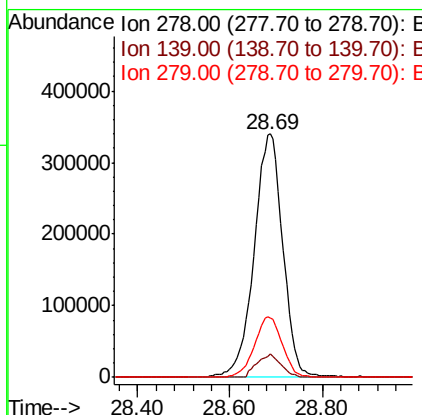
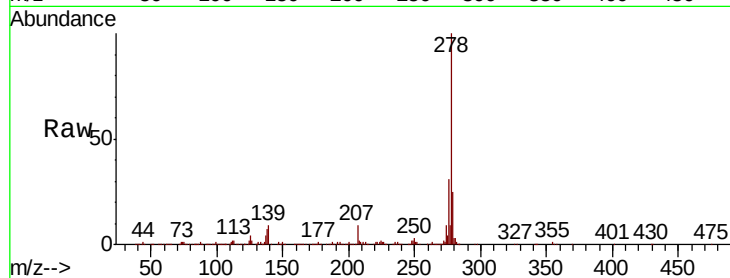




#91
Dibenzo(a,h)anthracene
Concen: 48.333 ng
RT: 28.69 min Scan# 4357
Delta R.T. -0.03 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1462194
Ion Ratio Lower Upper
278 100
139 9.4 6.8 10.2
279 24.5 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 48.835 ng
RT: 29.77 min Scan# 4541
Delta R.T. -0.04 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion:276 Resp: 1431466
Ion Ratio Lower Upper
276 100
277 23.8 18.4 27.6
138 11.6 8.6 12.8

