

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043215.D
 Acq On : 15 Oct 2019 12:47
 Operator : JU
 Sample : PB123928BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 15 15:05:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48121	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	194950	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	143077	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	331998	20.00	ng	0.00
76) Chrysene-d12	21.69	240	360753	20.00	ng	0.00
87) Perylene-d12	24.92	264	386767	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	316952	117.55	ng	0.00
7) Phenol-d6	7.22	99	429987	110.74	ng	0.00
23) Nitrobenzene-d5	9.22	82	222329	55.43	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	278857	113.34	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	600771	60.87	ng	0.00
79) Terphenyl-d14	20.03	244	1147793	67.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	37944	33.751	ng	92
3) Pyridine	3.92	79	90285	28.553	ng	# 79
4) n-Nitrosodimethylamine	3.83	42	52102	34.265	ng	86
6) Aniline	7.38	93	146894	31.339	ng	97
8) 2-Chlorophenol	7.62	128	127472	45.331	ng	93
9) Benzaldehyde	7.19	77	78318	33.007	ng	84
10) Phenol	7.25	94	154290	43.309	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	102185	37.071	ng	93
12) 1,3-Dichlorobenzene	7.94	146	141208	39.364	ng	98
13) 1,4-Dichlorobenzene	8.09	146	142692	39.902	ng	98
14) 1,2-Dichlorobenzene	8.40	146	133847	39.314	ng	95
15) Benzyl Alcohol	8.29	79	114307	39.155	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	148954	28.138	ng	92
17) 2-Methylphenol	8.50	107	107435	43.099	ng	98
18) Hexachloroethane	9.13	117	49078	36.441	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	91692	35.962	ng	92
20) 3+4-Methylphenols	8.83	107	144277	42.235	ng	94
22) Acetophenone	8.87	105	182919	36.400	ng	96
24) Nitrobenzene	9.26	77	143247	37.443	ng	97
25) Isophorone	9.77	82	265097	37.628	ng	98
26) 2-Nitrophenol	9.97	139	70485	43.279	ng	97
27) 2,4-Dimethylphenol	10.03	122	114032	45.592	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	147819	36.980	ng	97
29) 2,4-Dichlorophenol	10.51	162	136344	43.832	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	149696	37.266	ng	98
31) Naphthalene	10.91	128	382135	39.820	ng	99
32) Benzoic acid	10.18	122	55182	30.979	ng	88
33) 4-Chloroaniline	11.02	127	95597	22.957	ng	# 92
34) Hexachlorobutadiene	11.20	225	108612	36.111	ng	98
35) Caprolactam	11.78	113	18547	16.908	ng	# 83
36) 4-Chloro-3-methylphenol	12.14	107	142403	42.104	ng	97
37) 2-Methylnaphthalene	12.51	142	293662	40.112	ng	97
38) 1-Methylnaphthalene	12.72	142	285015	41.143	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	193065	35.888	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	243882	71.152	ng	97
43) 2,4,6-Trichlorophenol	13.12	196	124284	39.472	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	133163	41.054	ng	94
46) 1,1'-Biphenyl	13.51	154	401020	36.960	ng	99
47) 2-Chloronaphthalene	13.56	162	310956	38.225	ng	98
48) 2-Nitroaniline	13.76	65	97128	35.904	ng	# 85
49) Acenaphthylene	14.40	152	510697	41.028	ng	97
50) Dimethylphthalate	14.13	163	402770	37.571	ng	99
51) 2,6-Dinitrotoluene	14.24	165	92139	40.360	ng	95
52) Acenaphthene	14.74	154	300771	36.099	ng	98
53) 3-Nitroaniline	14.58	138	64402	27.297	ng	99
54) 2,4-Dinitrophenol	14.79	184	105451	74.311	ng	94
55) Dibenzofuran	15.07	168	491771	39.900	ng	99
56) 4-Nitrophenol	14.90	139	138489	77.039	ng	93
57) 2,4-Dinitrotoluene	15.04	165	134160	40.130	ng	95
58) Fluorene	15.73	166	415098	39.448	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	132290	38.304	ng	92
60) Diethylphthalate	15.49	149	409141	37.501	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	241615	38.286	ng	99
62) 4-Nitroaniline	15.75	138	88642	34.449	ng	97
63) Azobenzene	16.01	77	360919	36.336	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	83253	44.315	ng	89
66) n-Nitrosodiphenylamine	15.93	169	367889	41.976	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	169952	40.786	ng	99
68) Hexachlorobenzene	16.73	284	186900	40.284	ng	98
69) Atrazine	16.88	200	159189	43.134	ng	95
70) Pentachlorophenol	17.08	266	214827	80.245	ng	98
71) Phenanthrene	17.46	178	661907	40.838	ng	98
72) Anthracene	17.55	178	686740	42.441	ng	100
73) Carbazole	17.82	167	611710	40.767	ng	99
74) Di-n-butylphthalate	18.38	149	718705	40.145	ng	98
75) Fluoranthene	19.47	202	857678	40.007	ng	97
77) Benzidine	19.66	184	398717	44.141	ng	99
78) Pyrene	19.83	202	866863	40.259	ng	99
80) Butylbenzylphthalate	20.71	149	323514	39.583	ng	96
81) Benzo(a)anthracene	21.68	228	889478	39.571	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	286544	32.502	ng	99
83) Chrysene	21.74	228	857705	39.320	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	470301	40.440	ng	99
85) Di-n-octyl phthalate	22.79	149	801688	42.156	ng	95
86) Indeno(1,2,3-cd)pyrene	28.60	276	1135173	41.802	ng	# 58
88) Benzo(b)fluoranthene	23.90	252	914297	41.779	ng	99
89) Benzo(k)fluoranthene	23.96	252	962900	44.477	ng	100
90) Benzo(a)pyrene	24.77	252	870368	42.155	ng	99
91) Dibenzo(a,h)anthracene	28.66	278	957441	45.222	ng	98
92) Benzo(g,h,i)perylene	29.74	276	948161	46.221	ng	97

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

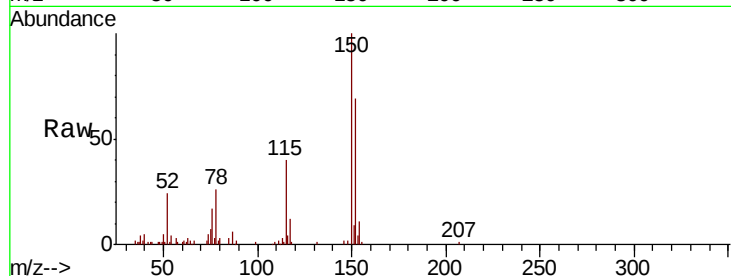


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.0	115.0	172.4
115	57.1	47.0	70.6

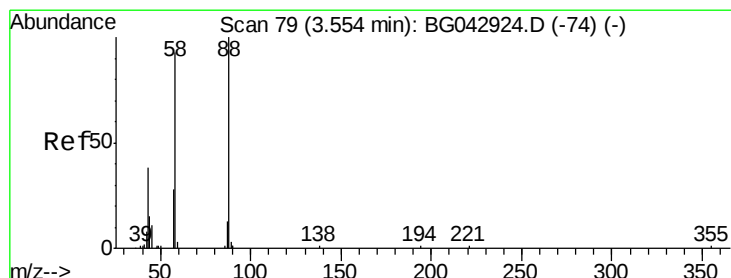
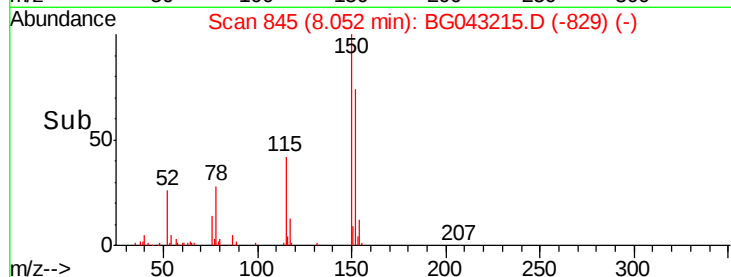
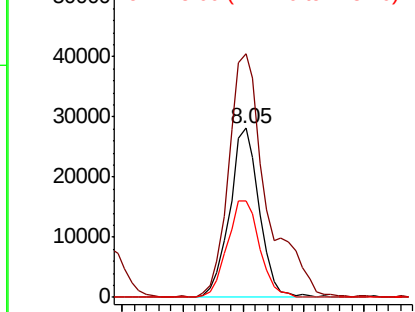


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

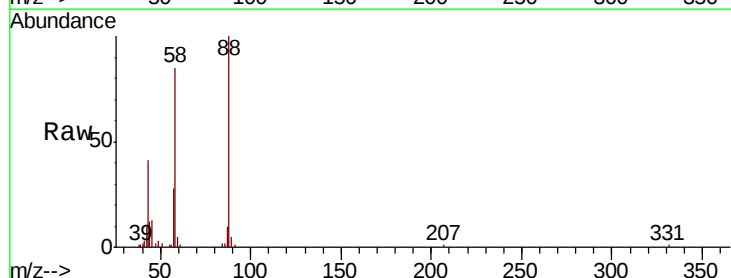
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.751 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.5	74.3	111.5
43	34.4	29.8	44.8

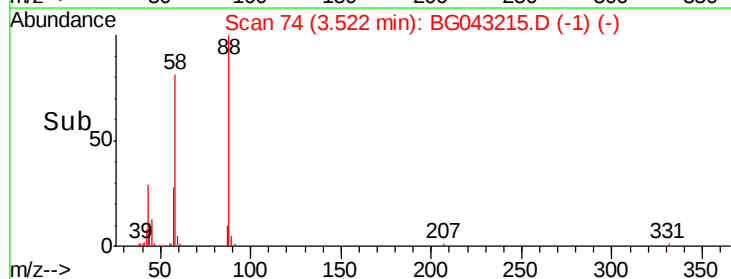
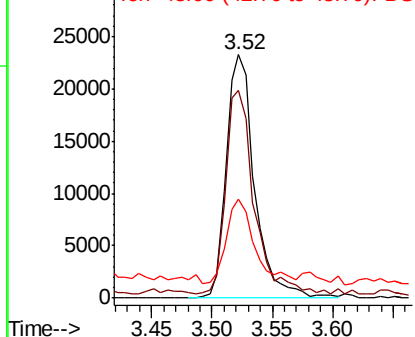


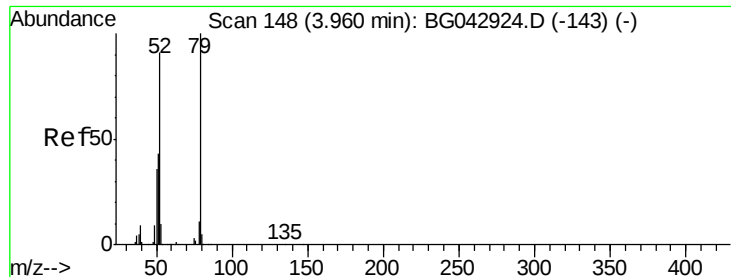
Abundance

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: 28.553 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

ClientSampleId :

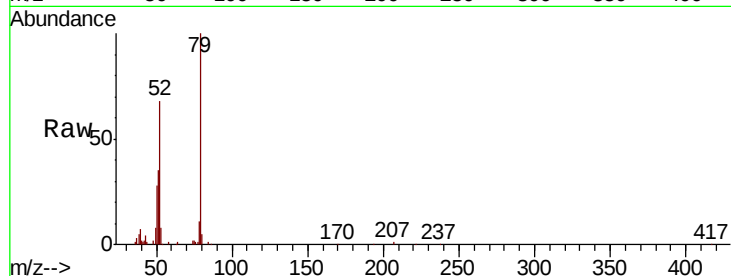
Tot Ion: 79 Resp: 90285

Ion Ratio Lower Upper

79 100

52 68.0 73.0 109.4#

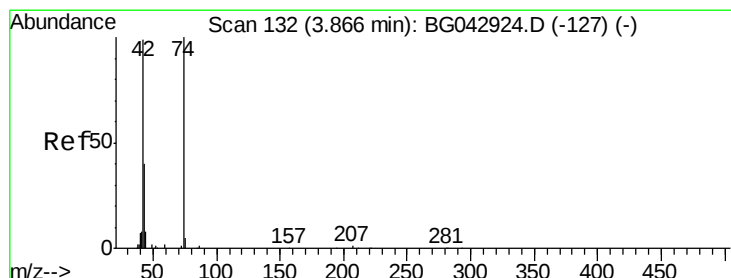
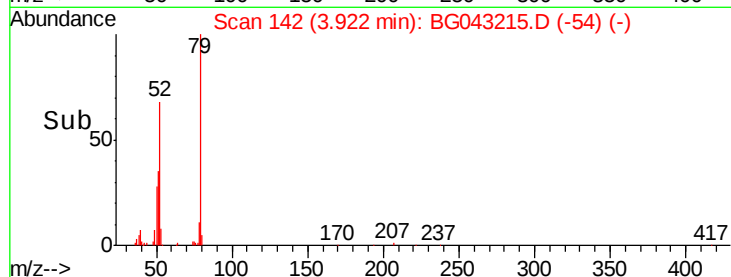
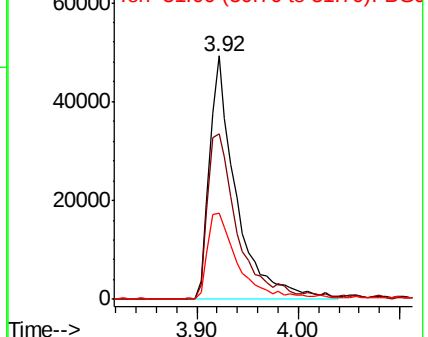
51 35.5 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.265 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

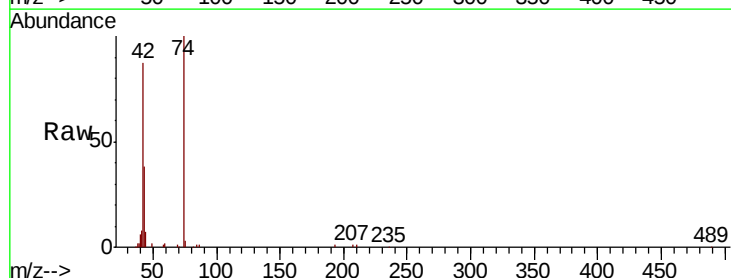
Tgt Ion: 42 Resp: 52102

Ion Ratio Lower Upper

42 100

74 115.2 80.5 120.7

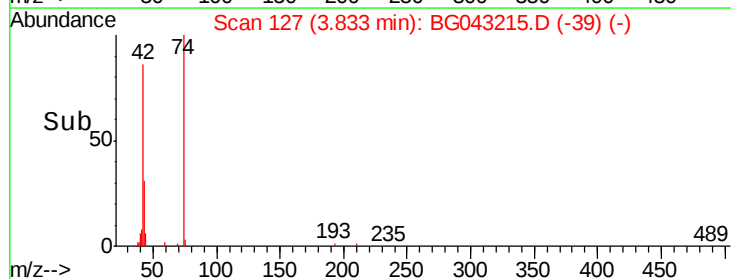
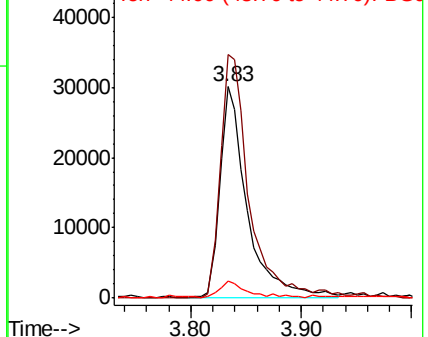
44 8.0 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 117.545 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.00 min

Lab File: BG043215.D

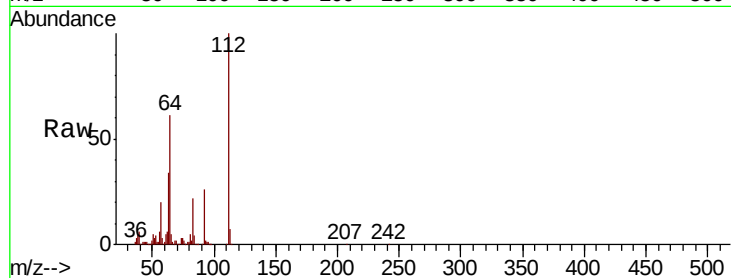
Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

ClientSampleId :

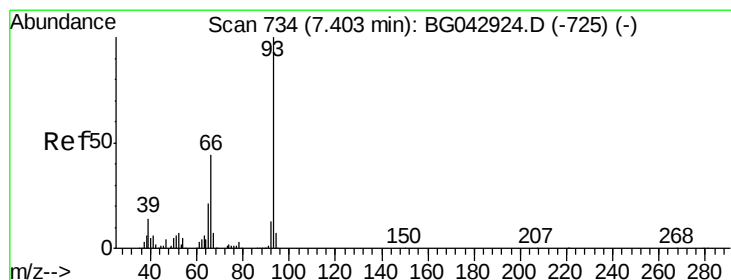
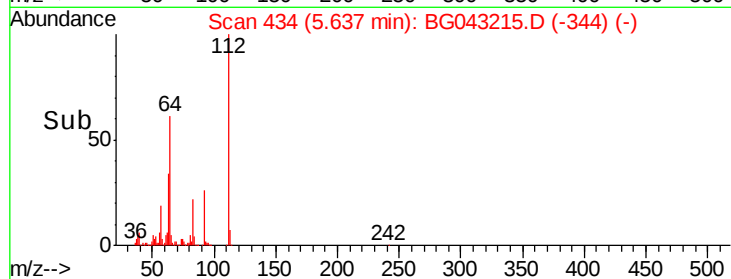
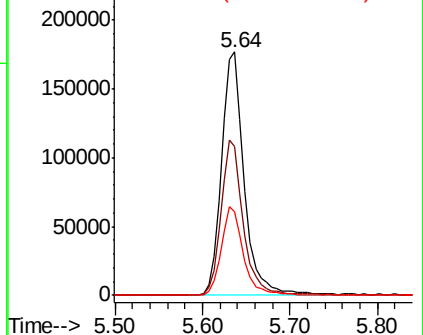
Tot Ion:	112	Resp:	316952
Ion	Ratio	Lower	Upper
112	100		
64	61.3	56.6	84.8
63	34.4	35.1	52.7#



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: 31.339 ng

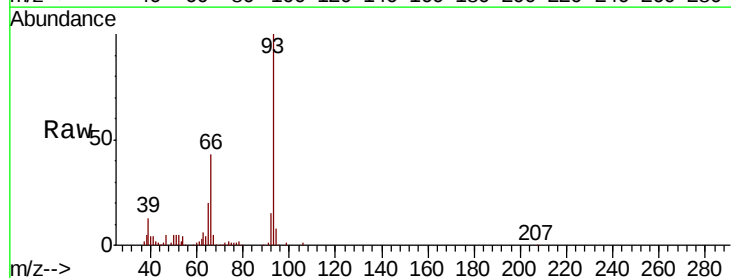
RT: 7.38 min Scan# 731

Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

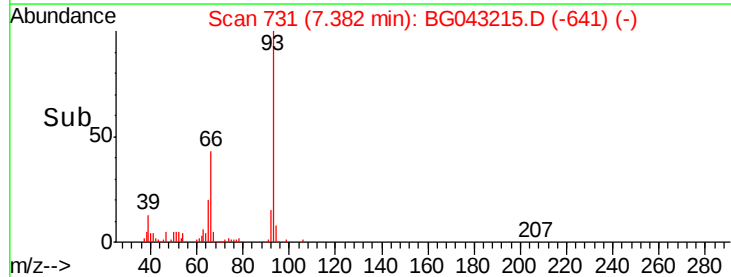
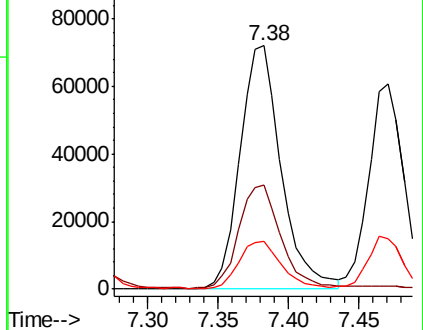
Tgt Ion:	93	Resp:	146894
Ion	Ratio	Lower	Upper
93	100		
66	42.6	35.0	52.6
65	19.7	17.4	26.0

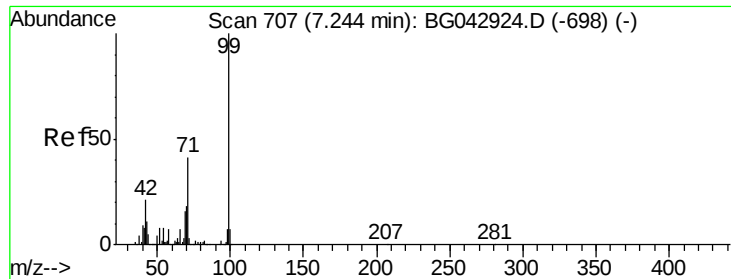


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.735 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

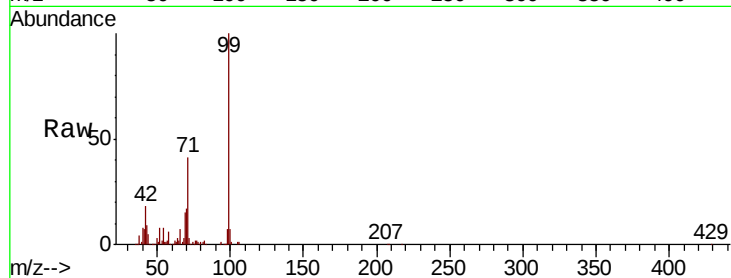
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 429987

Ion	Ratio	Lower	Upper
99	100		
42	18.1	17.2	25.8
71	41.3	33.1	49.7

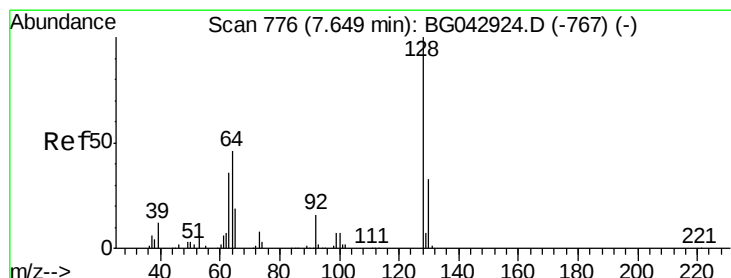
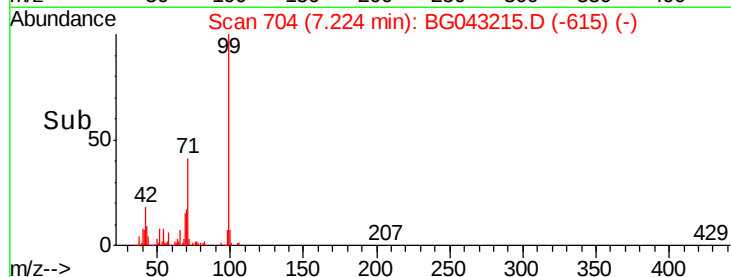
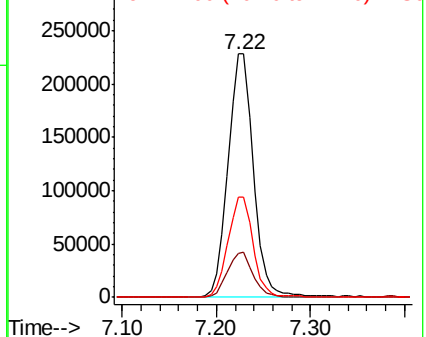


Abundance

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: 45.331 ng

RT: 7.62 min Scan# 772

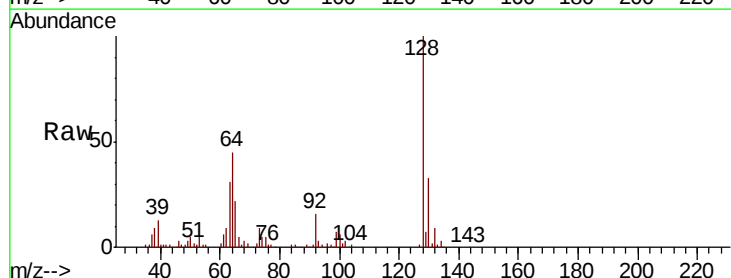
Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion: 128 Resp: 127472

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.5	52.5
64	45.5	32.8	72.8

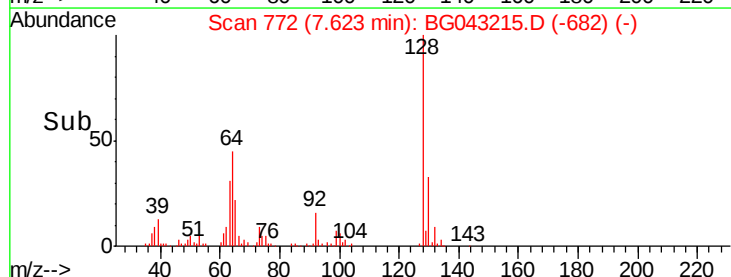
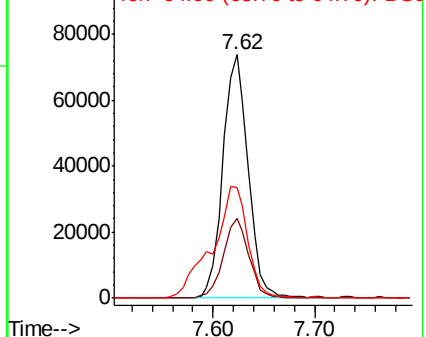


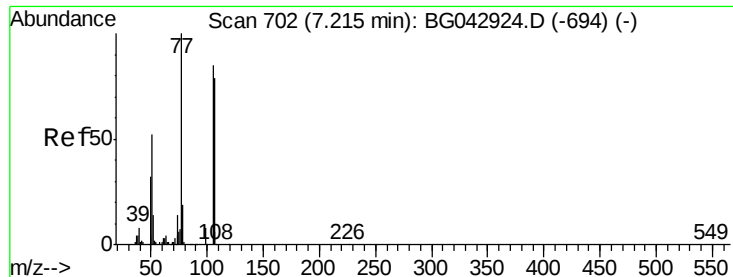
Abundance

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: 33.007 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

ClientSampled :

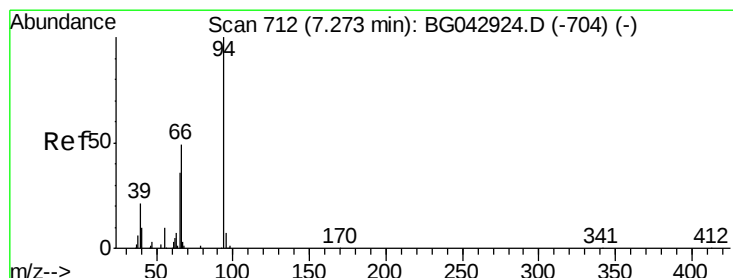
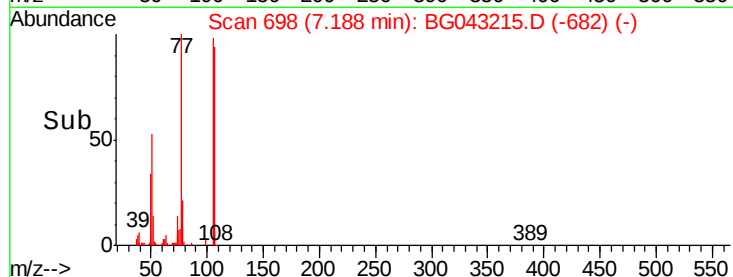
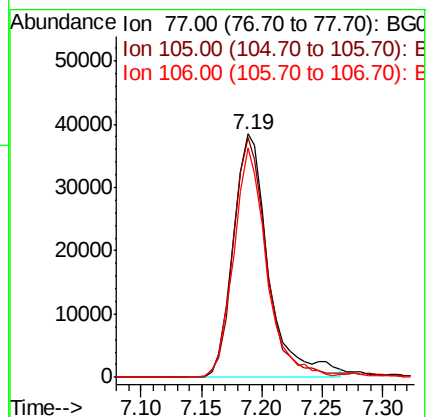
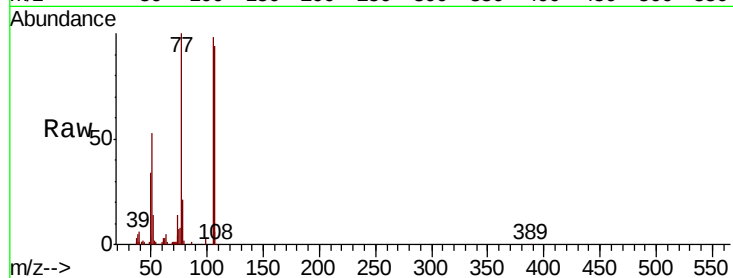
Tot Ion: 77 Resp: 78318

Ion Ratio Lower Upper

77 100

105 98.3 64.6 104.6

106 94.3 59.4 99.4



#10

Phenol

Concen: 43.309 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

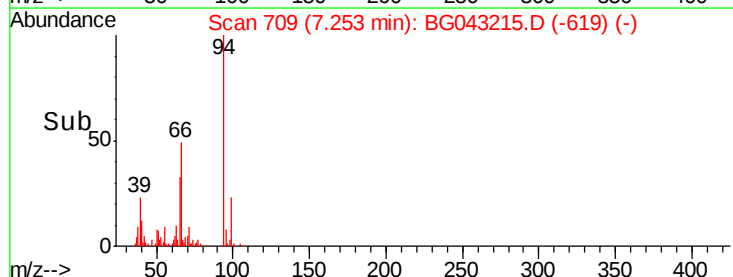
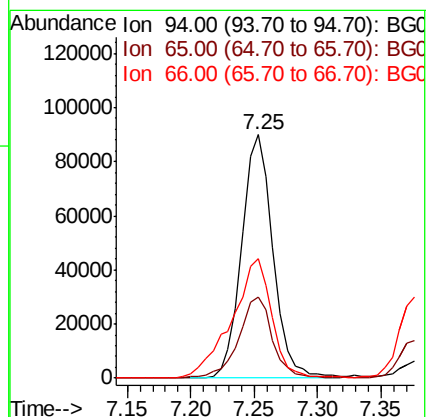
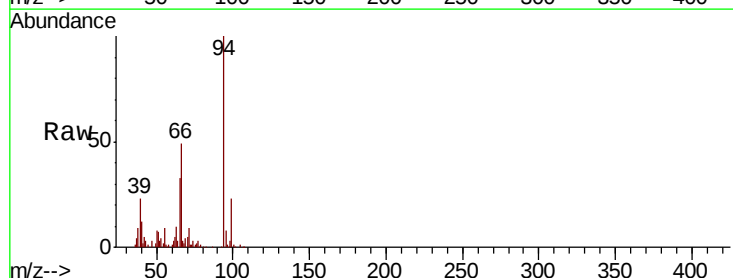
Tgt Ion: 94 Resp: 154290

Ion Ratio Lower Upper

94 100

65 33.4 16.6 56.6

66 49.3 32.4 72.4

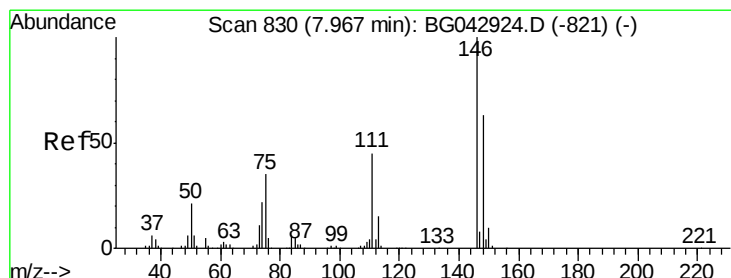
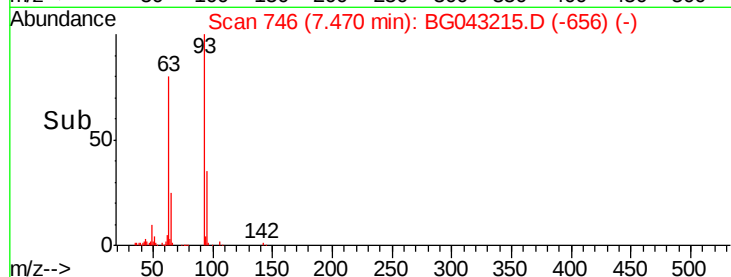
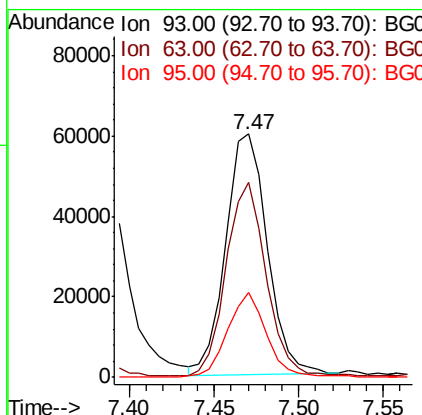
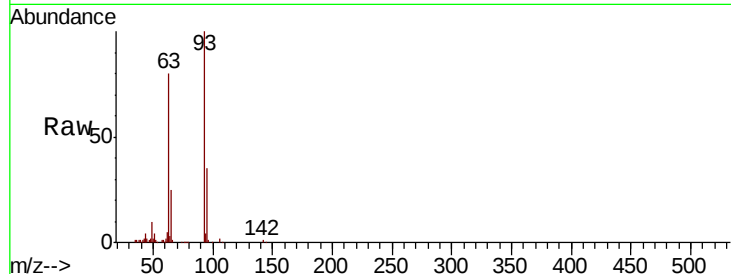




#11
 bis(2-Chloroethyl)ether
 Concen: 37.071 ng
 RT: 7.47 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

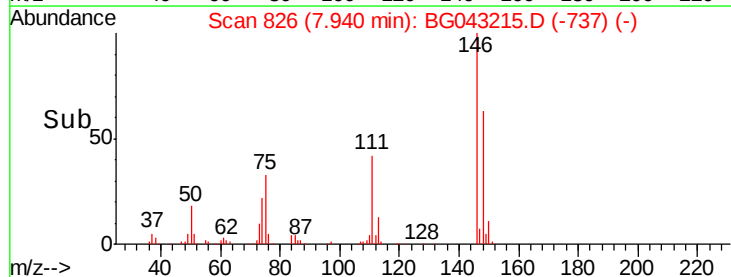
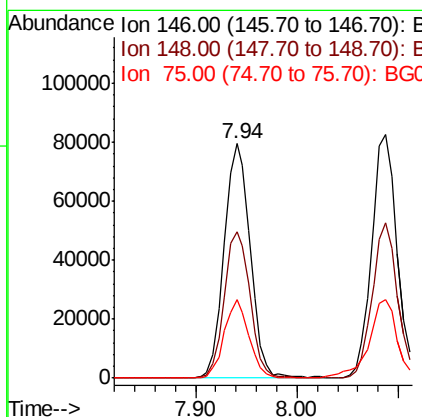
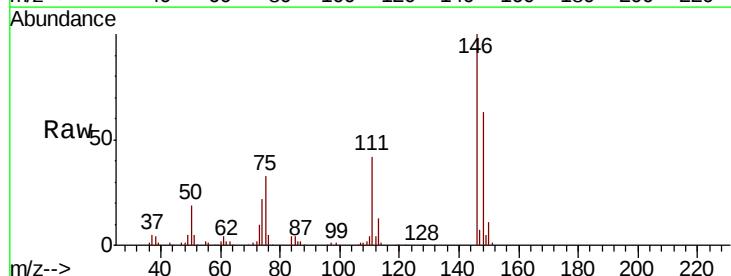
Instrument :
 BNA_G
 ClientSampleId :

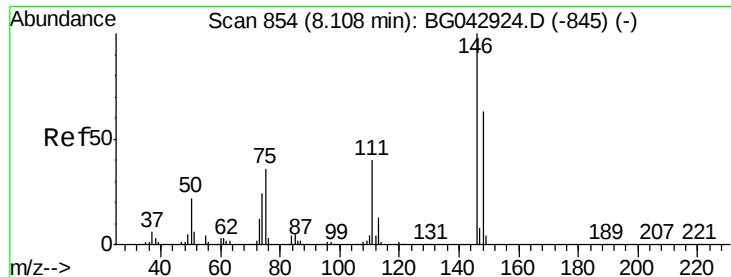
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.2	67.4	107.4
95	35.0	11.9	51.9



#12
 1,3-Dichlorobenzene
 Concen: 39.364 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.7	76.1
75	33.2	27.7	41.5

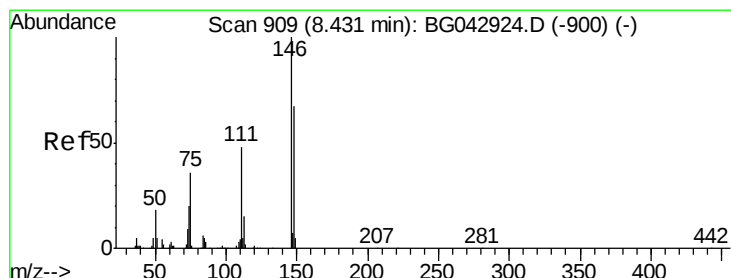
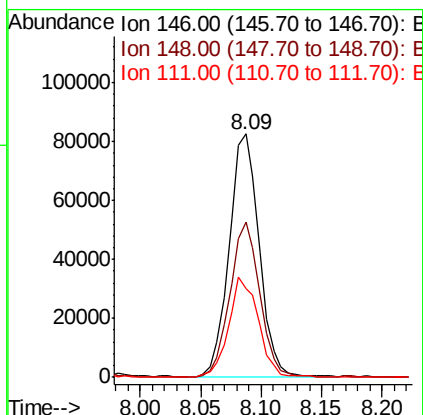
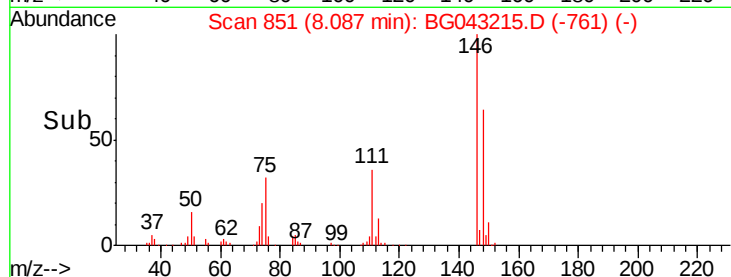
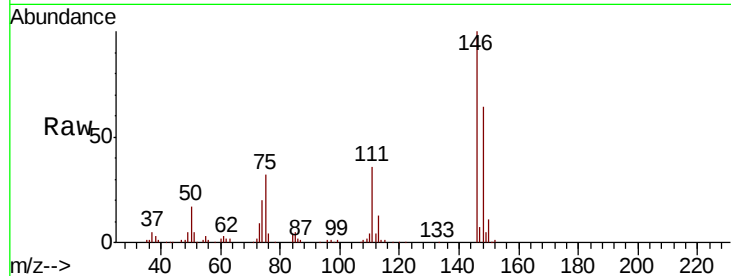




#13
 1,4-Dichlorobenzene
 Concen: 39.902 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

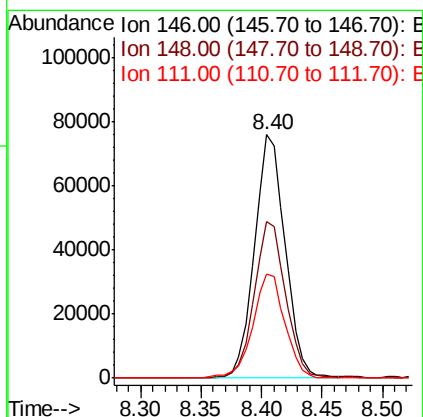
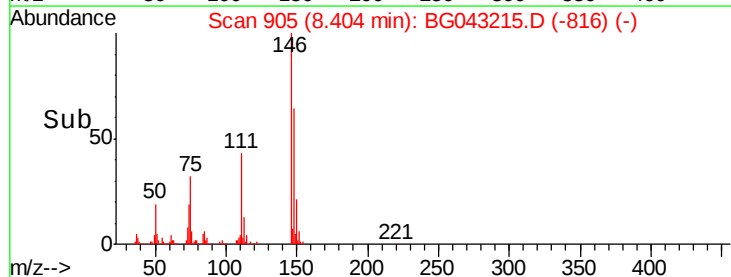
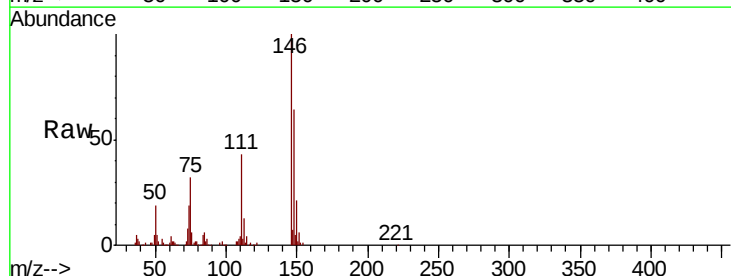
Instrument :
 BNA_G
 ClientSampleId :

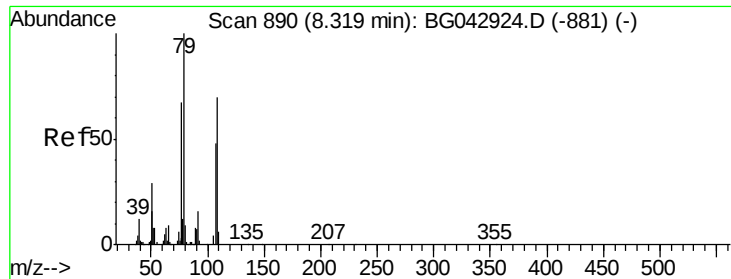
Tot Ion:146 Resp: 142692
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.9 76.3
 111 36.4 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 39.314 ng
 RT: 8.40 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion:146 Resp: 133847
 Ion Ratio Lower Upper
 146 100
 148 64.3 53.4 80.2
 111 42.7 38.5 57.7





#15

Benzyl Alcohol

Concen: 39.155 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

ClientSampleId :

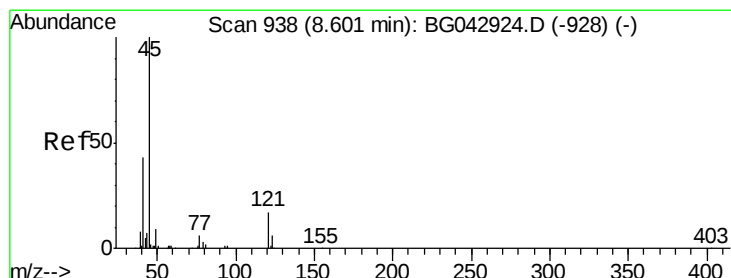
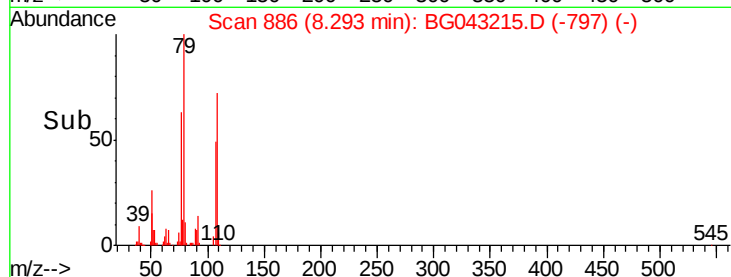
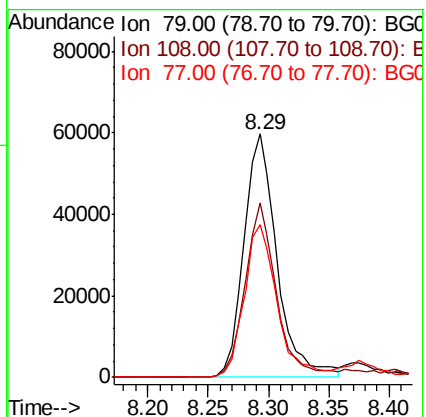
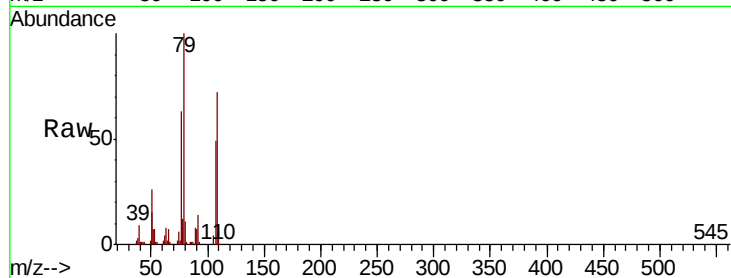
Tot Ion: 79 Resp: 114307

Ion Ratio Lower Upper

79 100

108 71.8 55.7 83.5

77 62.9 53.3 79.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.138 ng

RT: 8.57 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

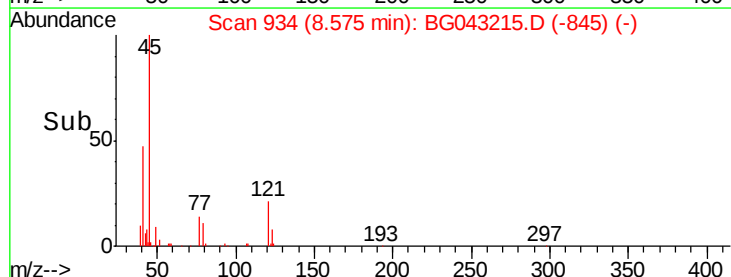
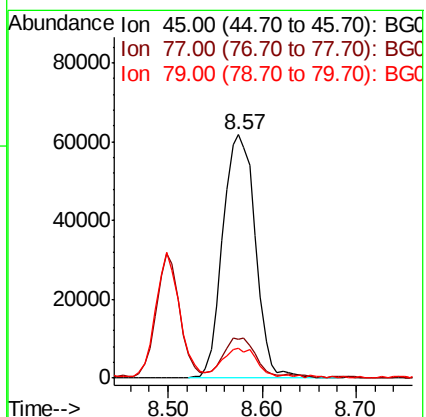
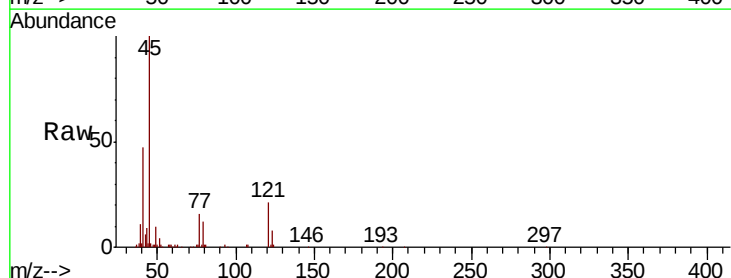
Tgt Ion: 45 Resp: 148954

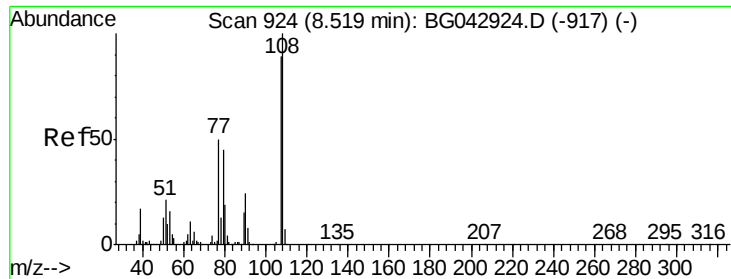
Ion Ratio Lower Upper

45 100

77 15.8 0.0 32.8

79 12.3 0.0 29.4

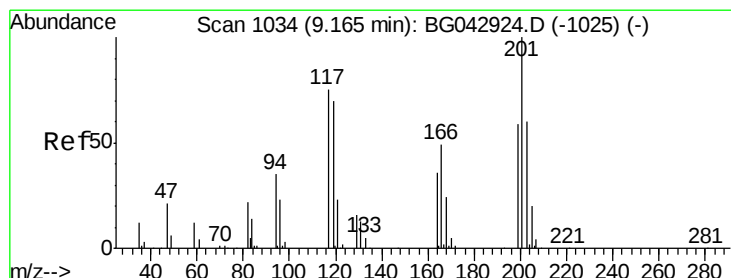
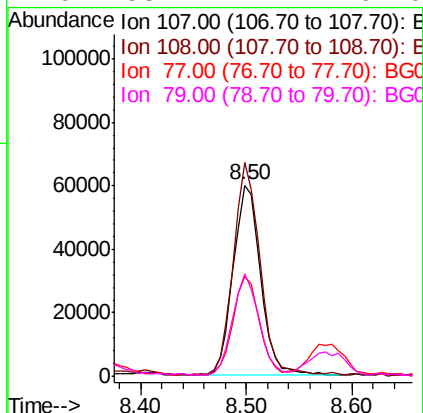
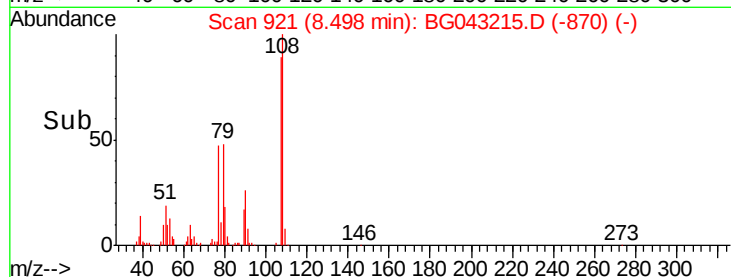
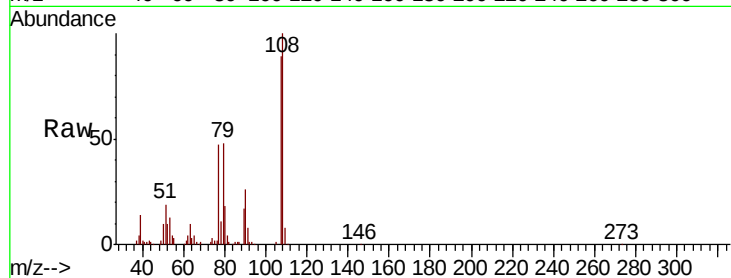




#17
2-Methylphenol
Concen: 43.099 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

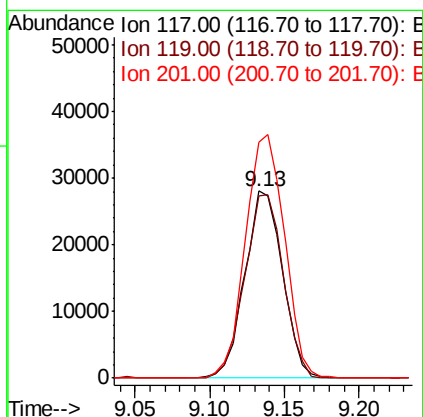
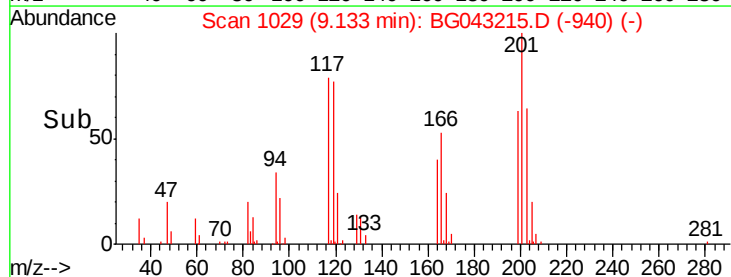
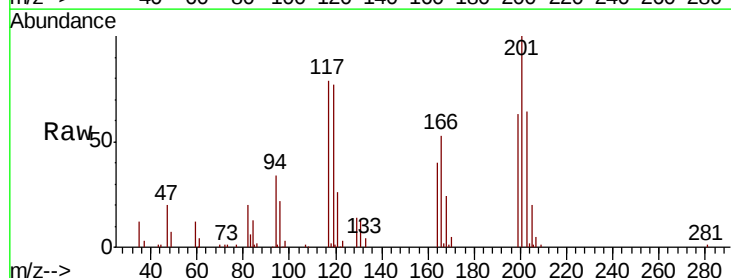
Instrument :
BNA_G
ClientSampled :

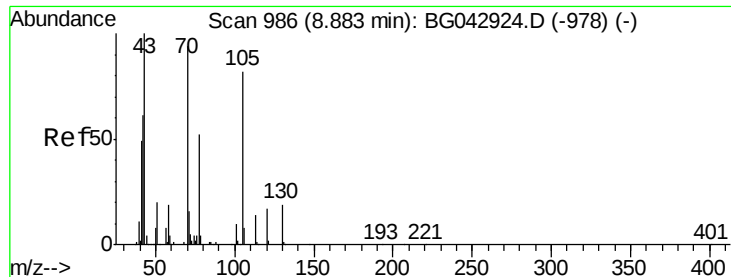
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.9	134.9
77	52.4	45.4	68.2
79	53.4	41.4	62.0



#18
Hexachloroethane
Concen: 36.441 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	74.6	111.8
201	126.0	106.0	159.0

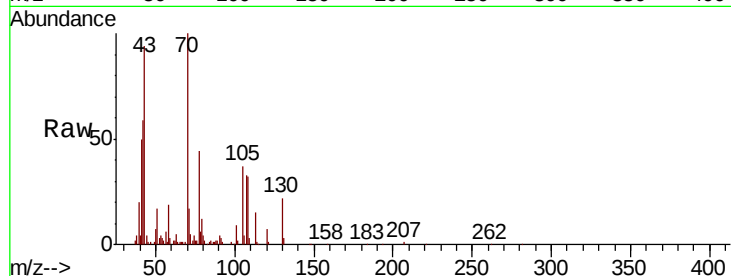




#19
n-Nitroso-di-n-propylamine
Concen: 35.962 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	91692
Ion	Ratio	Lower	Upper
70	100		
42	58.9	52.6	79.0
101	9.4	8.7	13.1
130	22.5	15.8	23.8



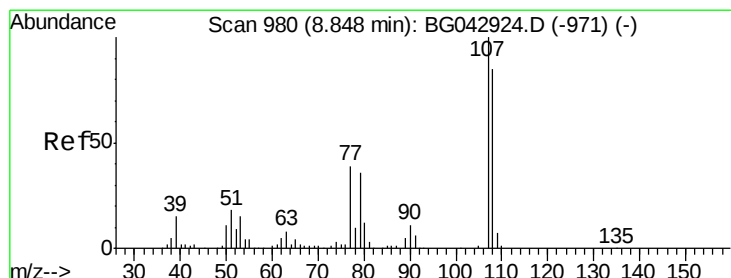
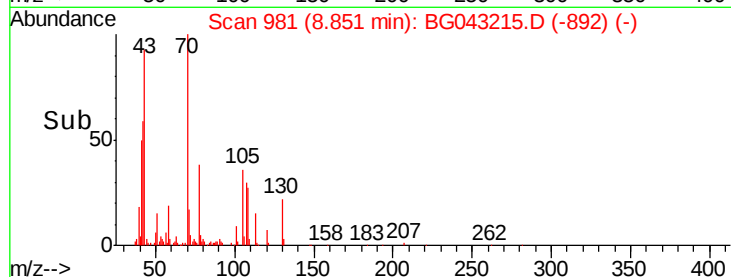
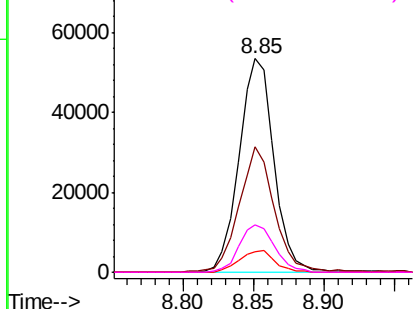
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

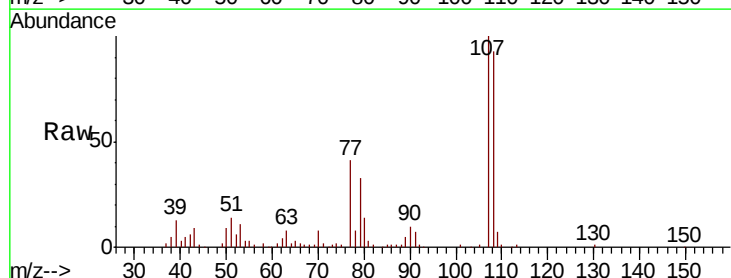
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 42.235 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion:	107	Resp:	144277
Ion	Ratio	Lower	Upper
107	100		
108	92.6	64.9	104.9
77	40.8	19.4	59.4
79	33.2	16.2	56.2



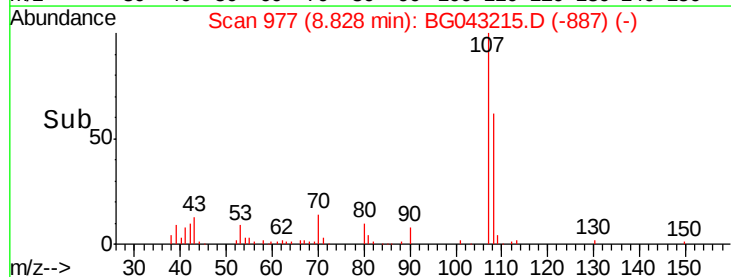
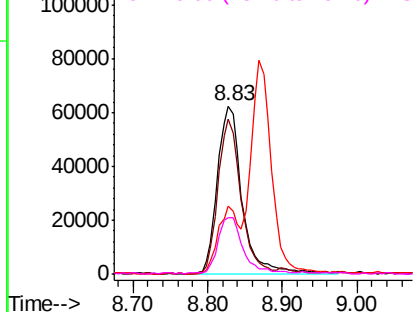
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 194950

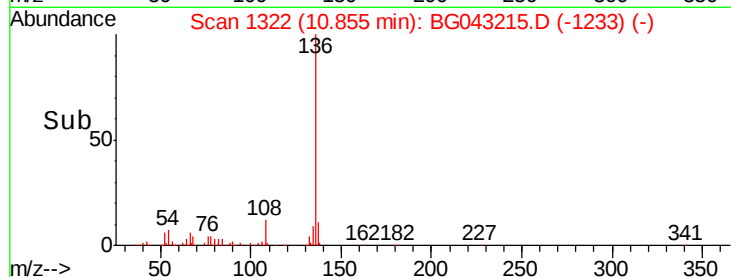
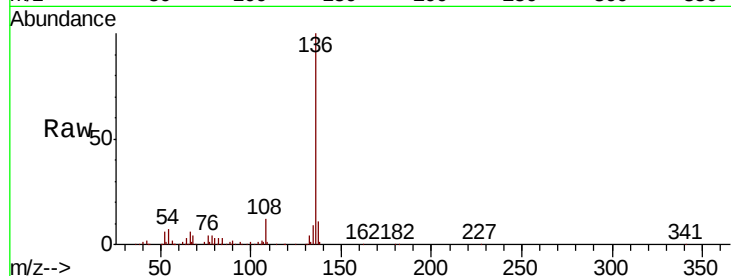
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.2 7.4 11.2#

68 3.7 3.6 5.4



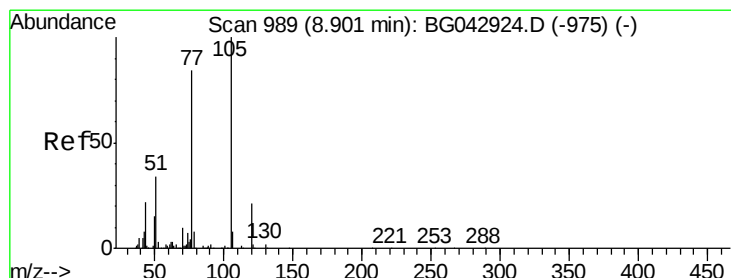
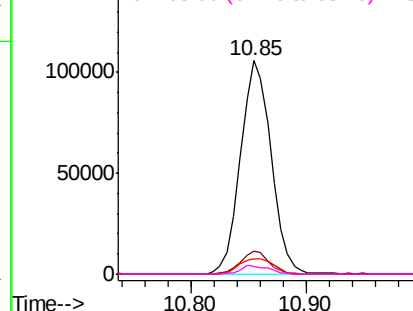
Abundance

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: 36.400 ng

RT: 8.87 min Scan# 985

Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion:105 Resp: 182919

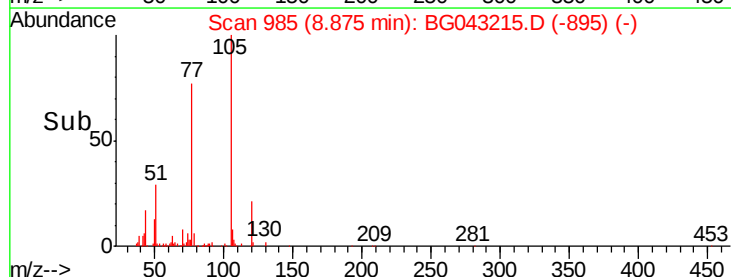
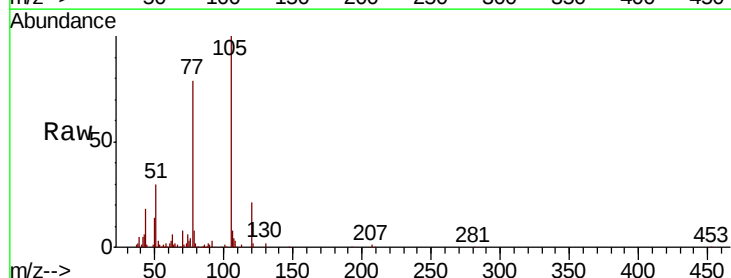
Ion Ratio Lower Upper

105 100

71 1.4 1.2 1.8

51 30.5 27.2 40.8

120 21.2 16.9 25.3



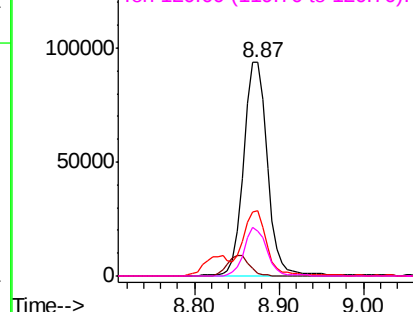
Abundance

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

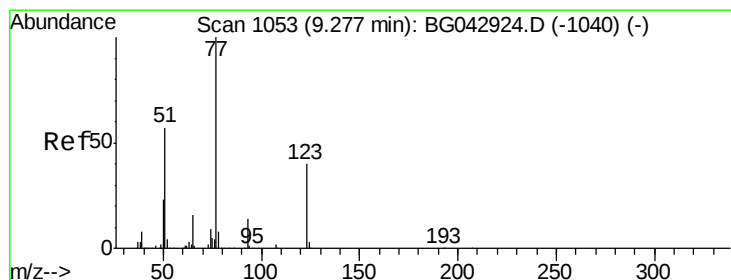
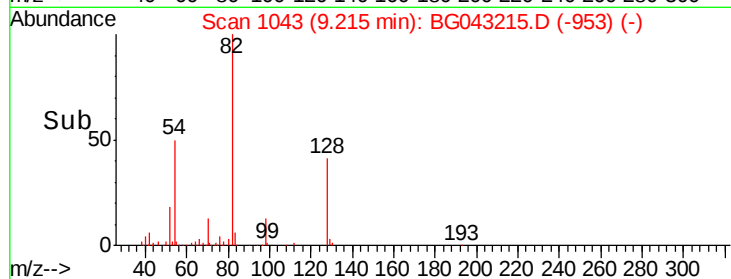
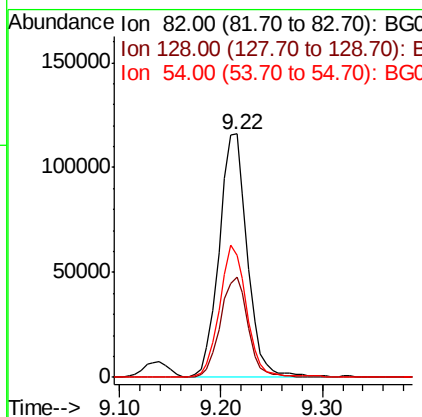
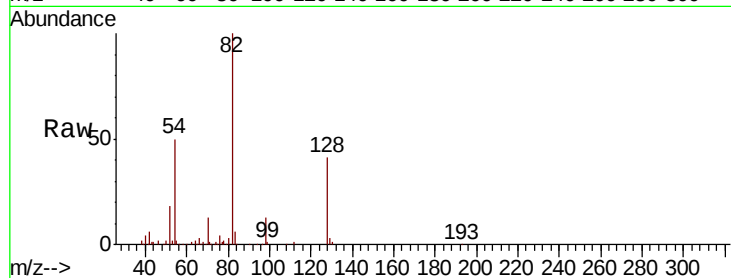




#23
 Nitrobenzene-d5
 Concen: 55.431 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

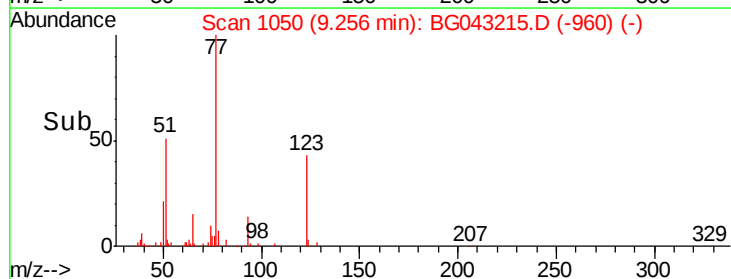
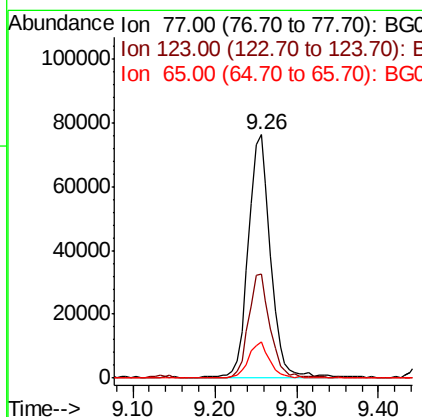
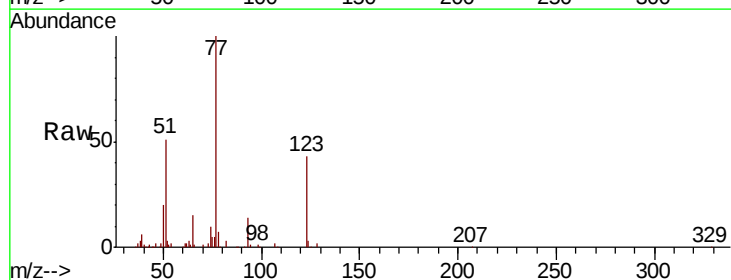
Instrument :
 BNA_G
 ClientSampleId :

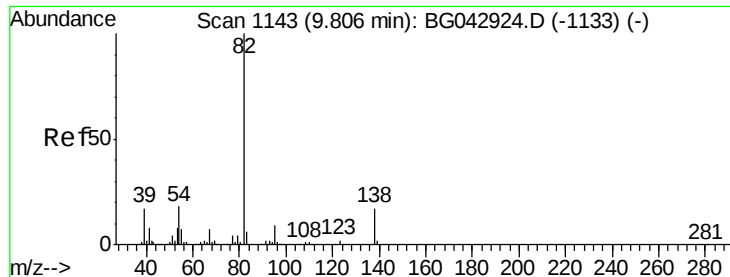
Tot Ion	82	Resp	222329
Ion Ratio	Lower	Upper	
82	100		
128	41.3	29.5	44.3
54	50.1	44.6	67.0



#24
 Nitrobenzene
 Concen: 37.443 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion	77	Resp	143247
Ion Ratio	Lower	Upper	
77	100		
123	42.6	31.9	47.9
65	15.1	12.4	18.6

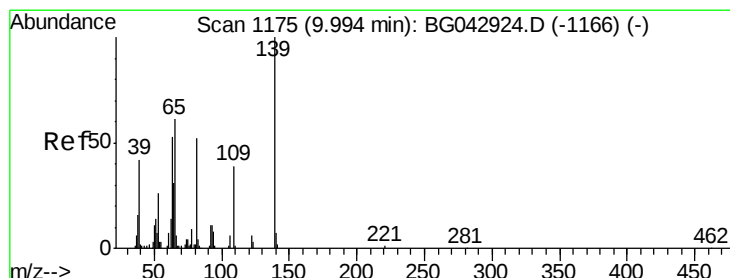
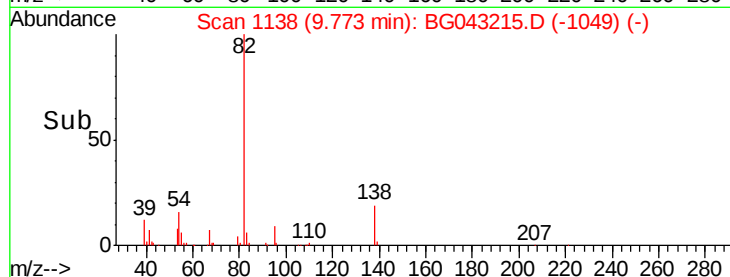
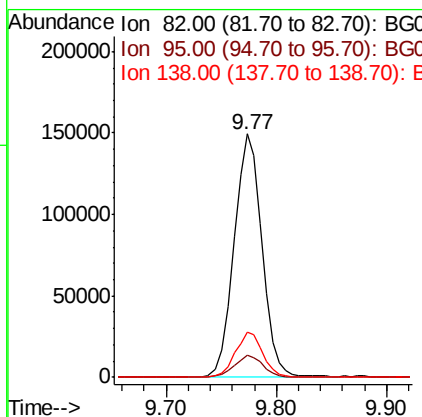
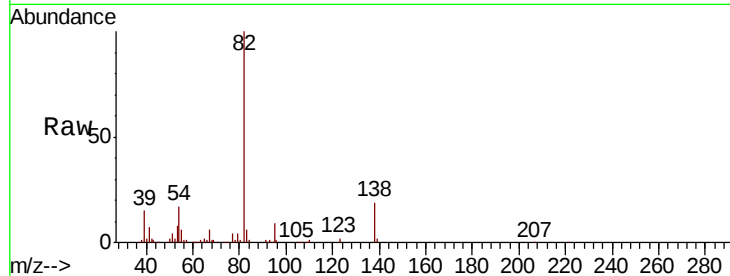




#25
Isophorone
Concen: 37.628 ng
RT: 9.77 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

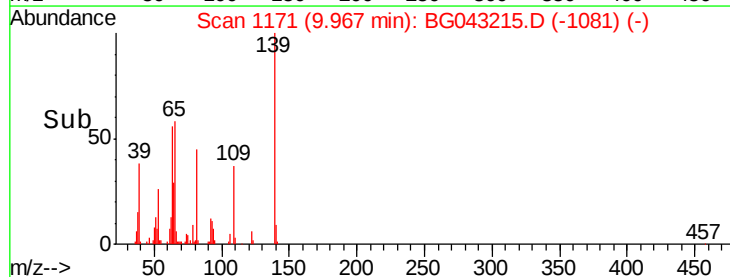
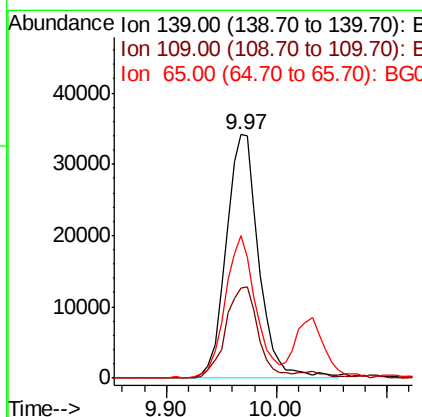
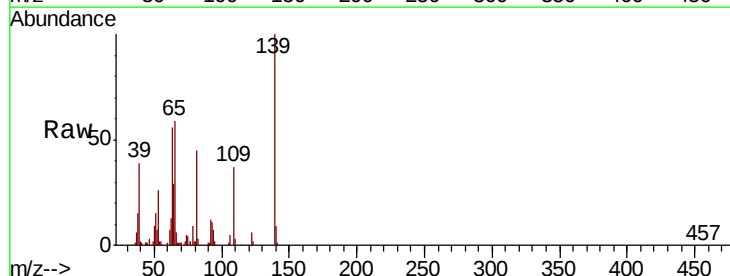
Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	265097
Ion Ratio	Lower	Upper	
82	100		
95	8.9	7.0	10.4
138	18.5	13.8	20.6



#26
2-Nitrophenol
Concen: 43.279 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	139	Resp	70485
Ion Ratio	Lower	Upper	
139	100		
109	36.8	31.0	46.6
65	58.7	48.4	72.6

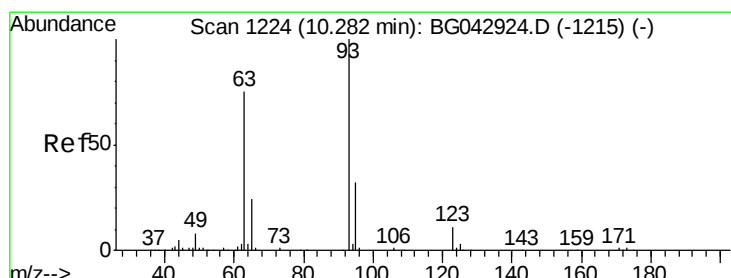
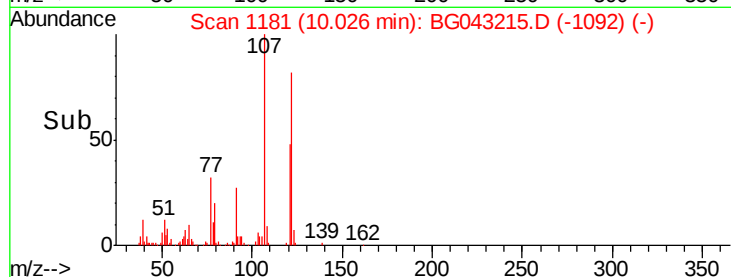
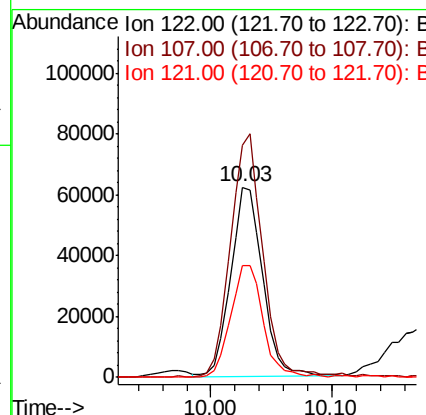
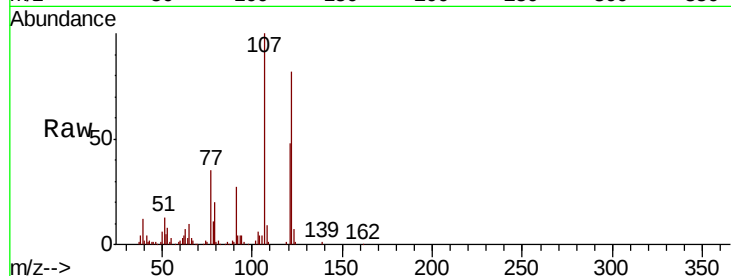




#27
2,4-Dimethylphenol
Concen: 45.592 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

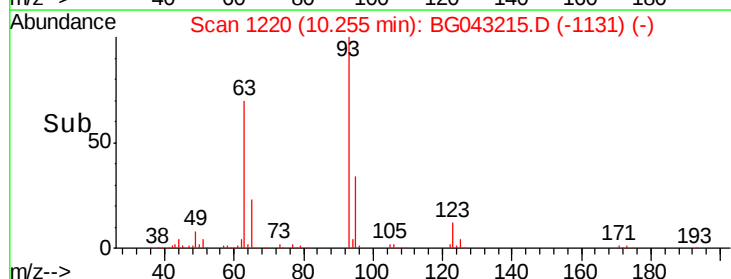
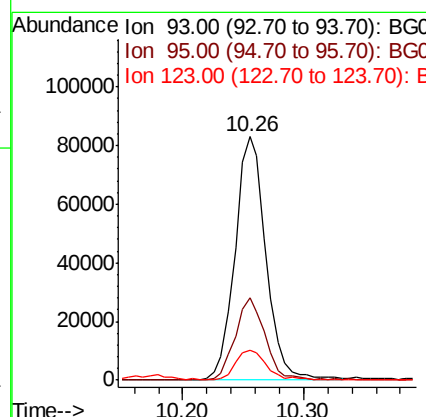
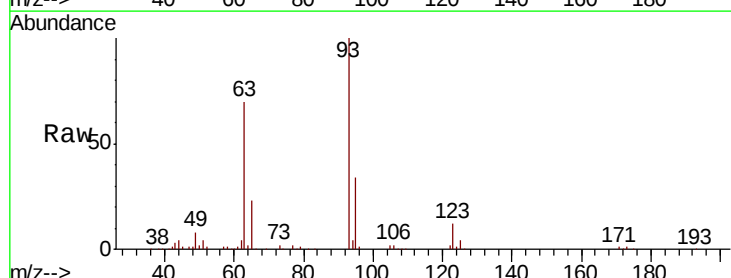
Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 114032
Ion Ratio Lower Upper
122 100
107 121.7 102.2 153.2
121 58.8 48.5 72.7



#28
bis(2-Chloroethoxy)methane
Concen: 36.980 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion: 93 Resp: 147819
Ion Ratio Lower Upper
93 100
95 33.8 25.4 38.0
123 12.1 9.3 13.9

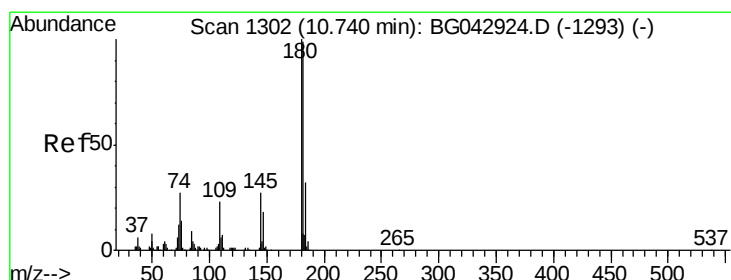
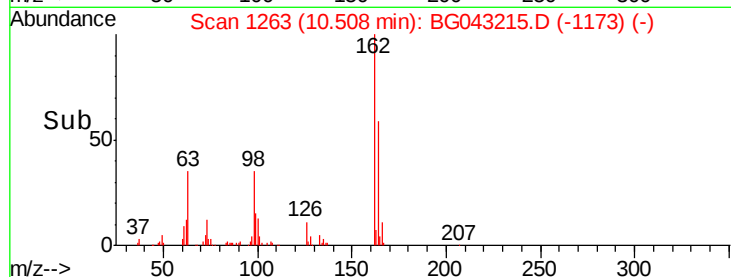
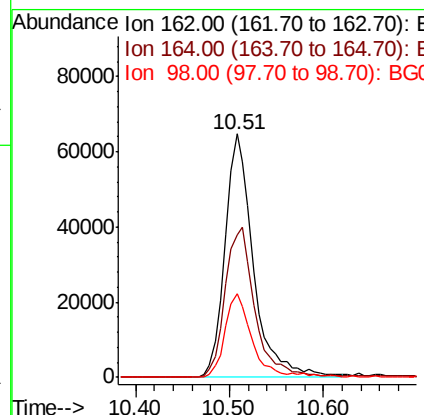
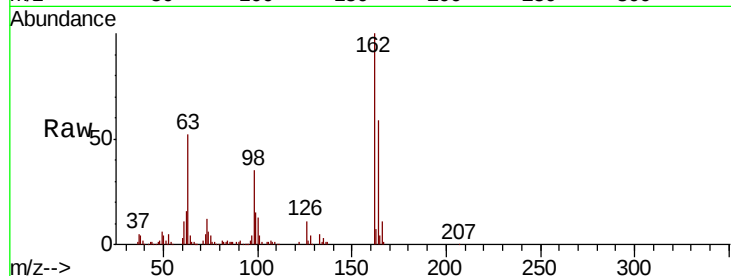




#29
2,4-Dichlorophenol
Concen: 43.832 ng
RT: 10.51 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

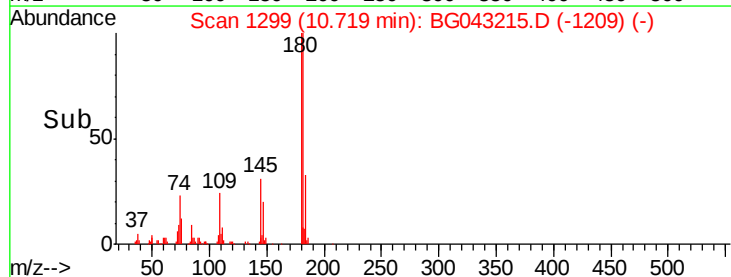
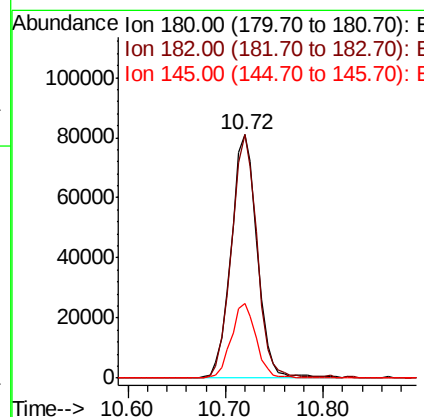
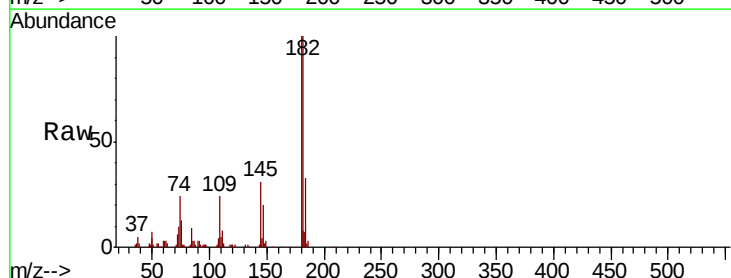
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	58.7	44.7	84.7
98	34.5	16.0	56.0



#30
1,2,4-Trichlorobenzene
Concen: 37.266 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	79.3	118.9
145	30.6	22.0	33.0

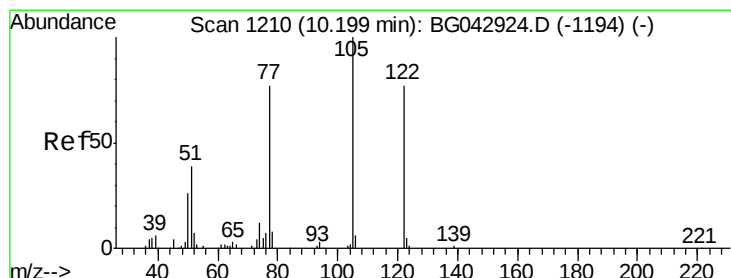
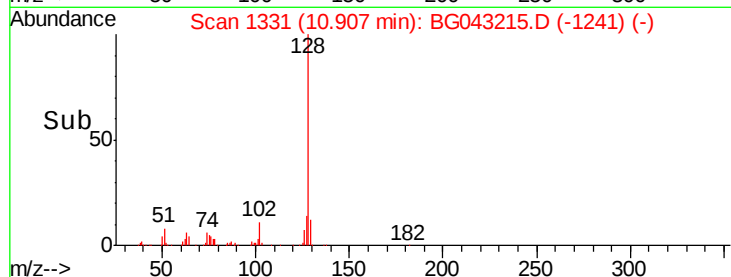
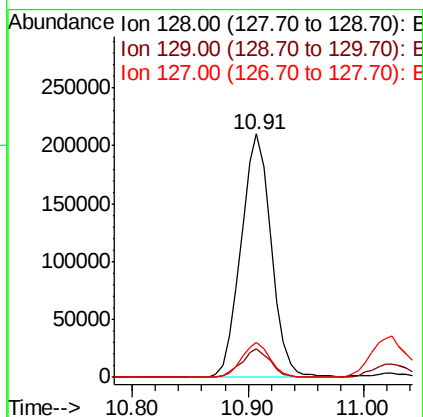
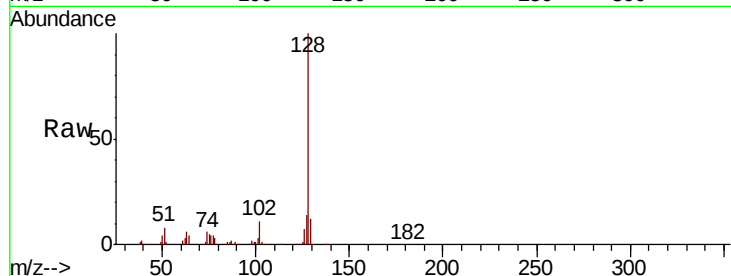




#31
Naphthalene
Concen: 39.820 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

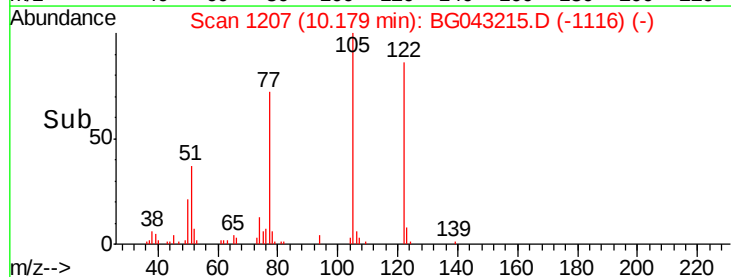
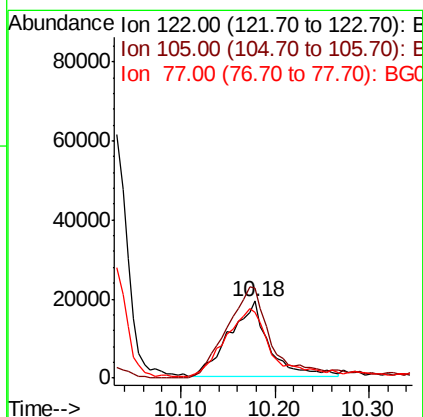
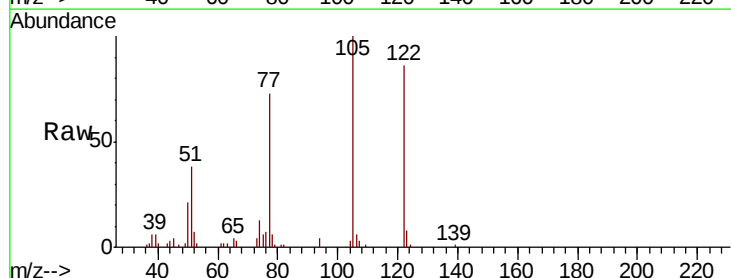
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	14.4	11.3	16.9



#32
Benzoic acid
Concen: 30.979 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.7	107.5	147.5
77	85.6	79.8	119.8

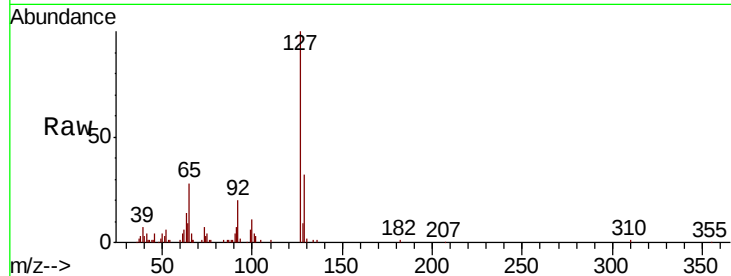




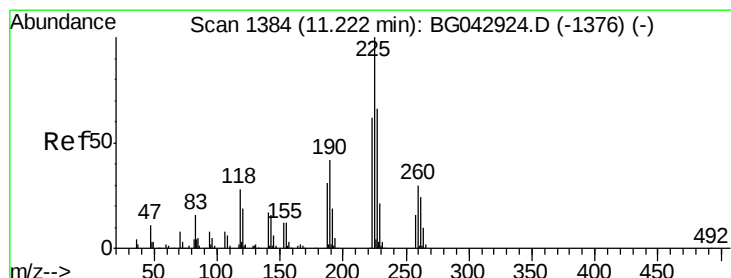
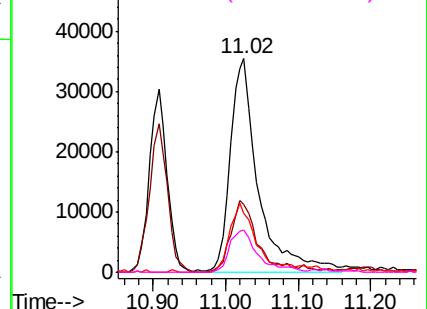
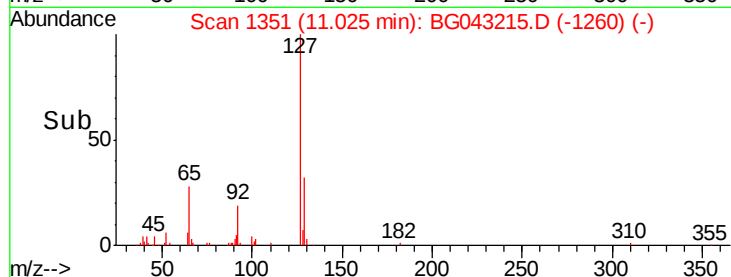
#33
4-Chloroaniline
Concen: 22.957 ng
RT: 11.02 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	95597
Ion Ratio	Lower	Upper
127	100	
129	31.8	26.2 39.2
65	27.8	30.6 45.8#
92	19.7	16.2 24.4

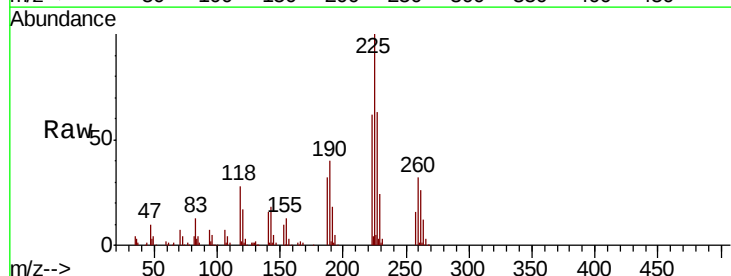


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

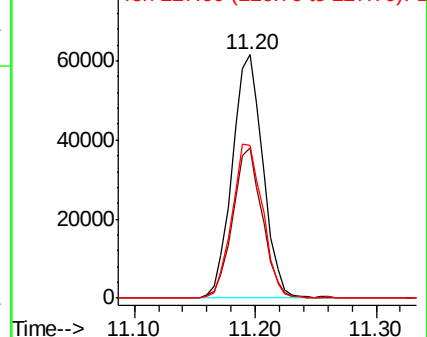
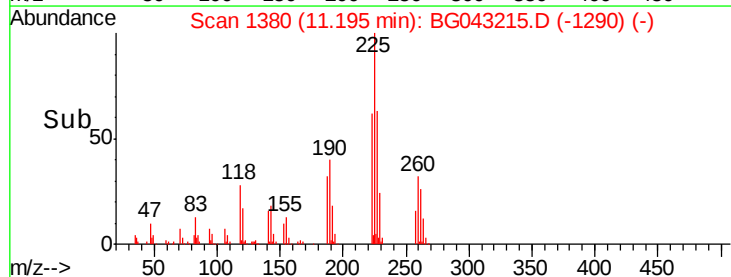


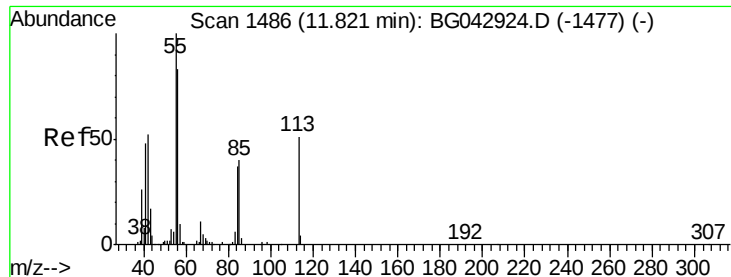
#34
Hexachlorobutadiene
Concen: 36.111 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion:225	Resp:	108612
Ion Ratio	Lower	Upper
225	100	
223	61.6	49.3 73.9
227	62.8	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

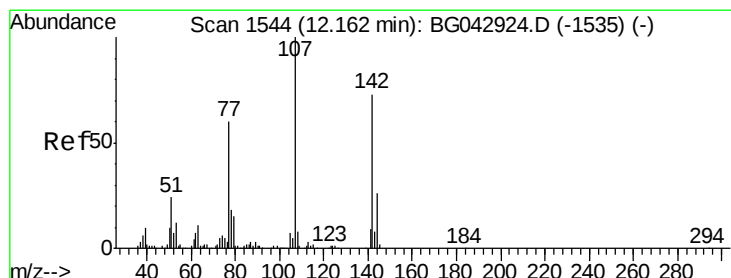
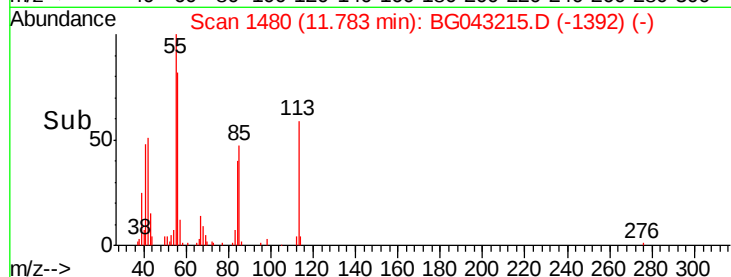
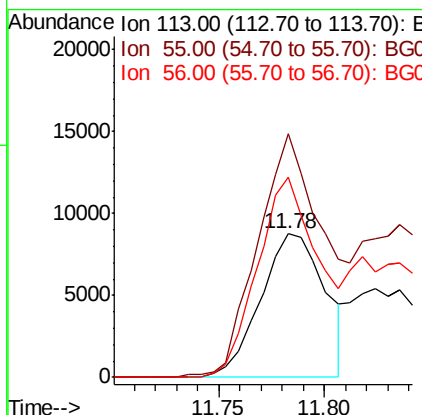
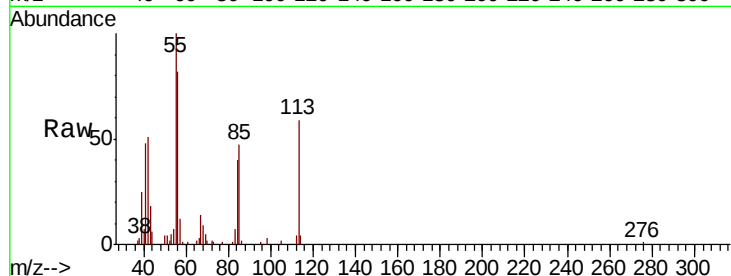




#35
 Caprolactam
 Concen: 16.908 ng
 RT: 11.78 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

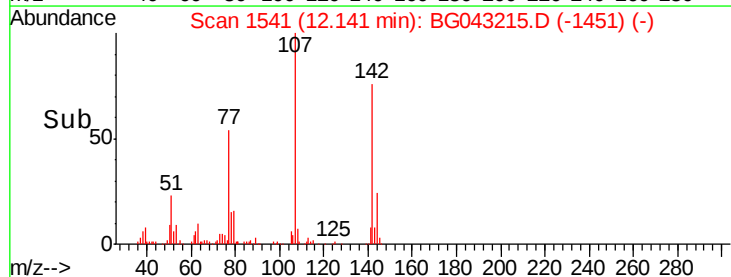
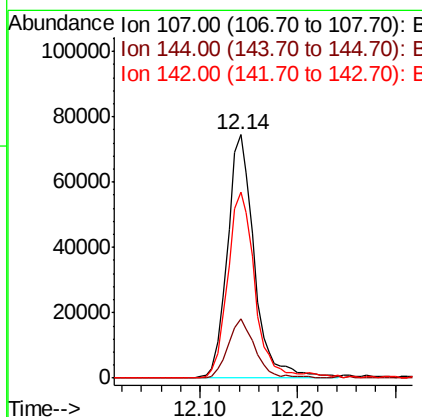
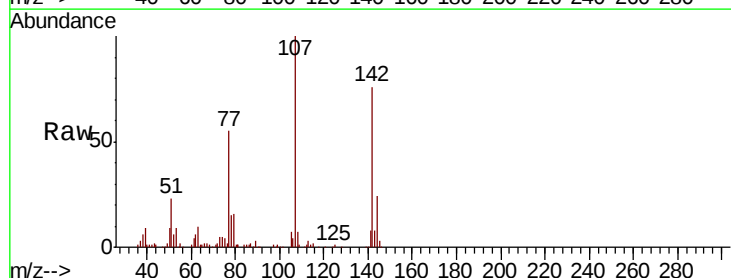
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 18547
 Ion Ratio Lower Upper
 113 100
 55 169.4 175.5 215.5#
 56 139.0 142.3 182.3#



#36
 4-Chloro-3-methylphenol
 Concen: 42.104 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion:107 Resp: 142403
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.7 31.1
 142 76.2 58.6 87.8

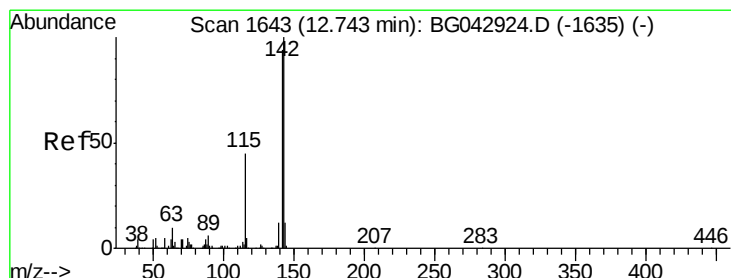
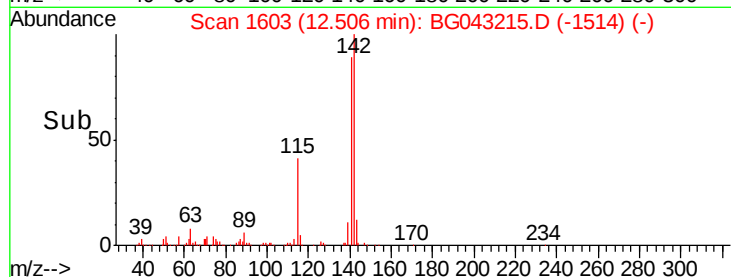
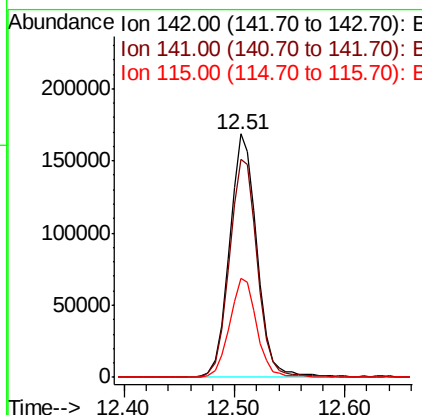
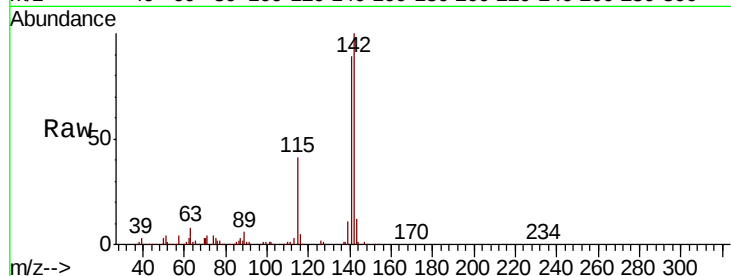




#37
 2-Methylnaphthalene
 Concen: 40.112 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

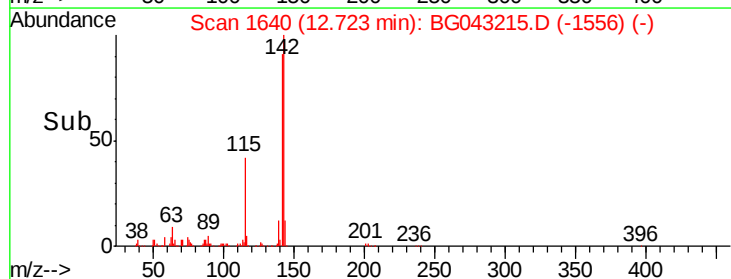
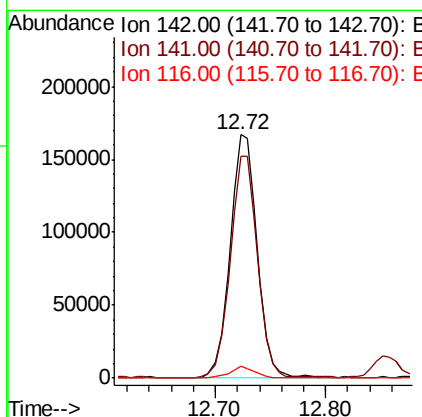
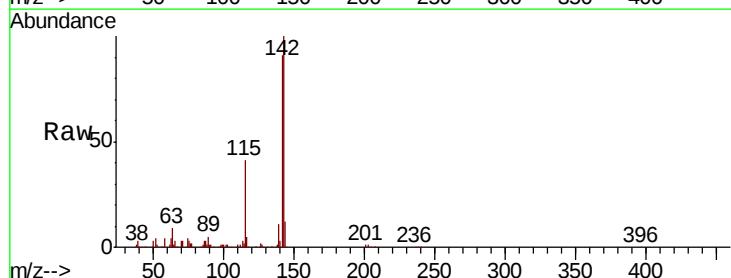
Instrument :
 BNA_G
 ClientSampleId :

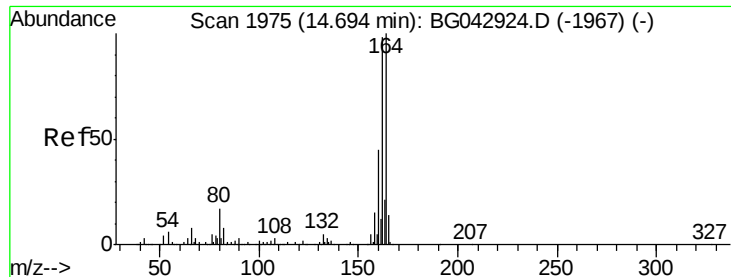
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	69.0	103.4
115	40.5	32.8	49.2



#38
 1-Methylnaphthalene
 Concen: 41.143 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.9	112.3
116	4.9	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

ClientSampleId :

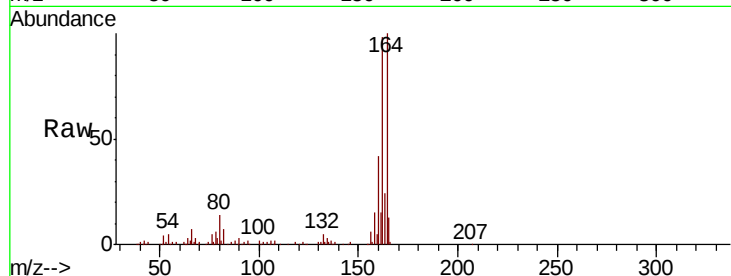
Tot Ion:164 Resp: 143077

Ion Ratio Lower Upper

164 100

162 98.1 78.5 117.7

160 42.0 35.9 53.9

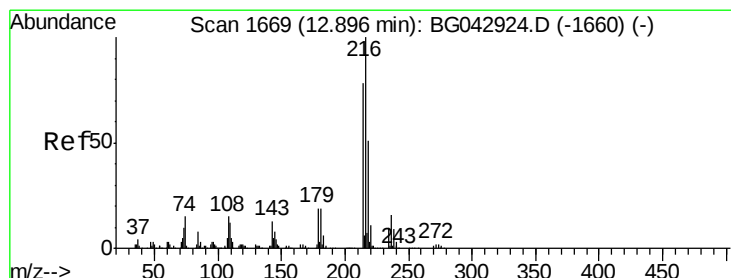
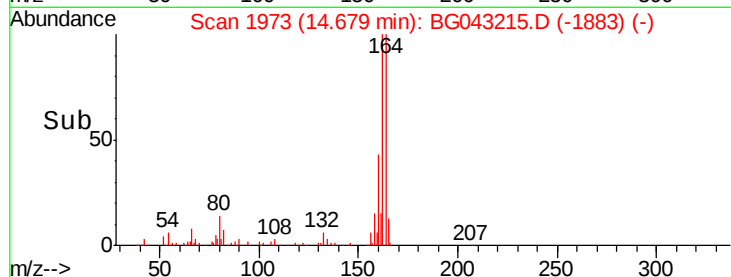
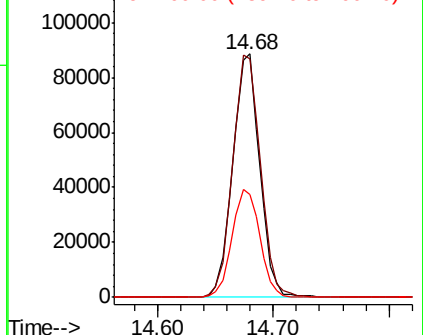


Abundance

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: 35.888 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion:216 Resp: 193065

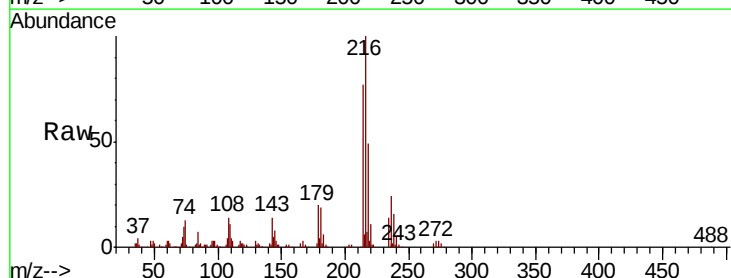
Ion Ratio Lower Upper

216 100

214 77.9 62.4 93.6

179 20.4 15.4 23.2

108 15.9 12.6 19.0



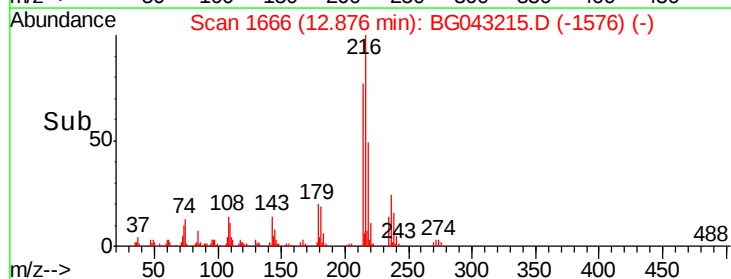
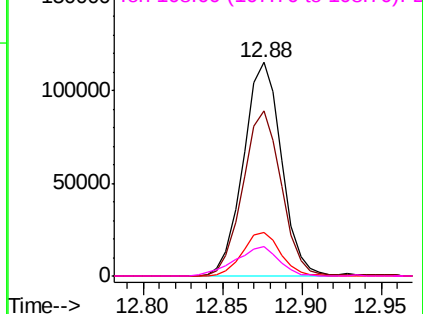
Abundance

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: 71.152 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

ClientSampleId :

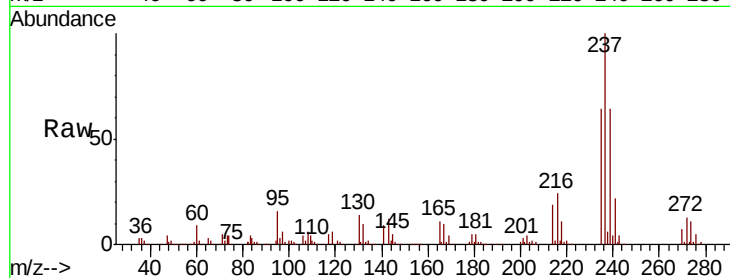
Tot Ion:237 Resp: 243882

Ion Ratio Lower Upper

237 100

235 64.1 46.7 86.7

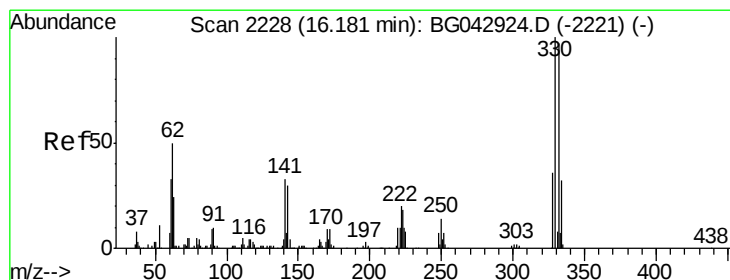
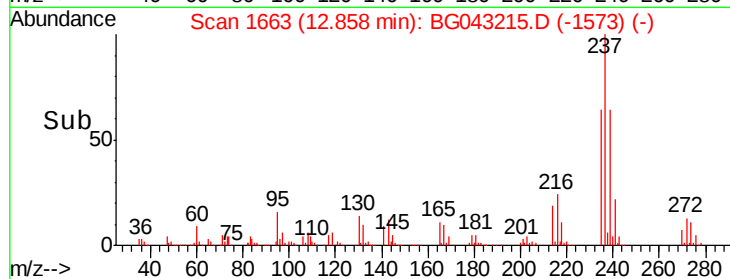
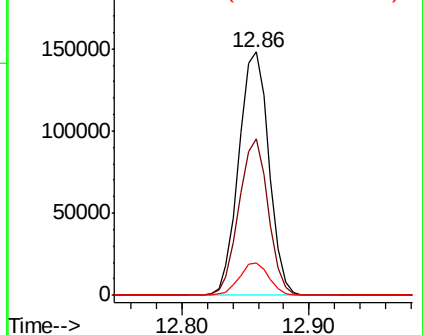
272 13.2 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 113.343 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

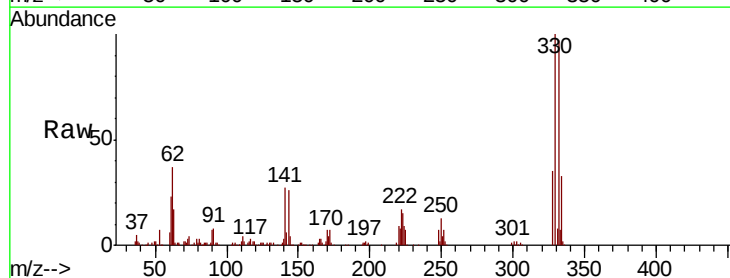
Tgt Ion:330 Resp: 278857

Ion Ratio Lower Upper

330 100

332 96.5 78.2 117.2

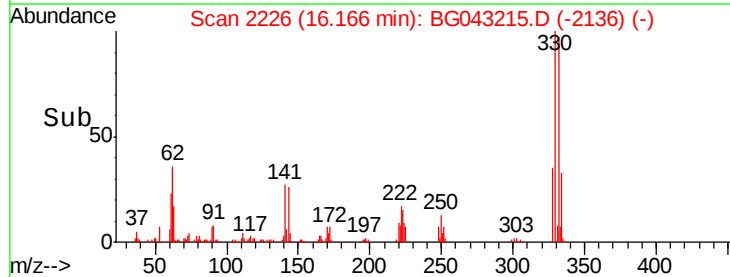
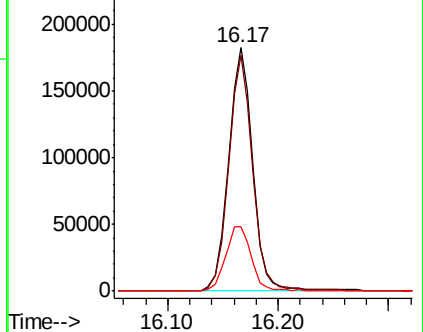
141 28.2 26.0 39.0

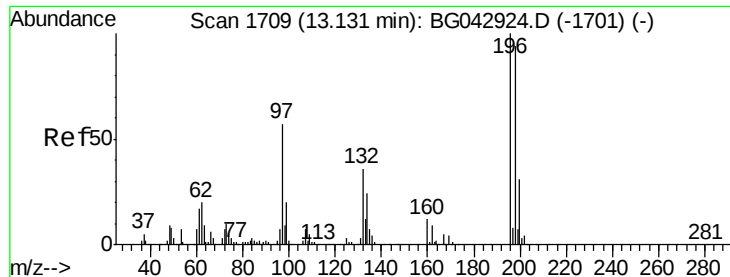


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

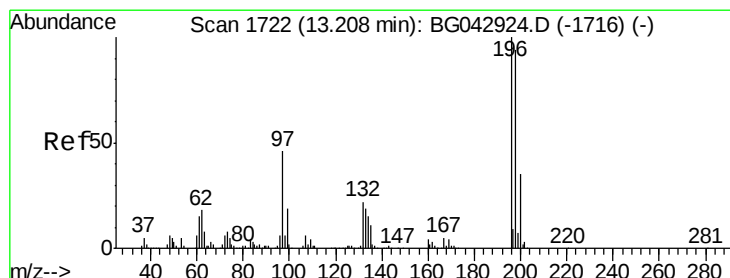
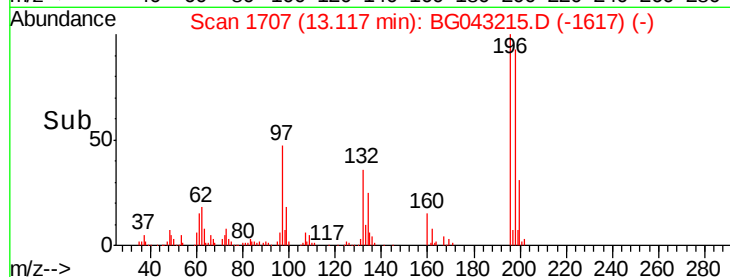
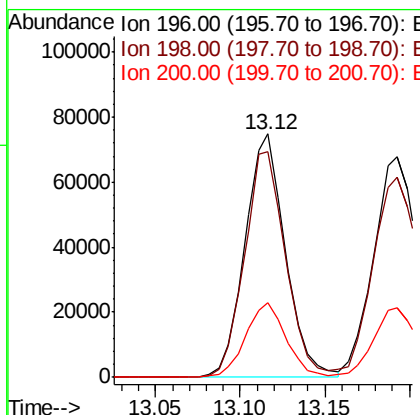
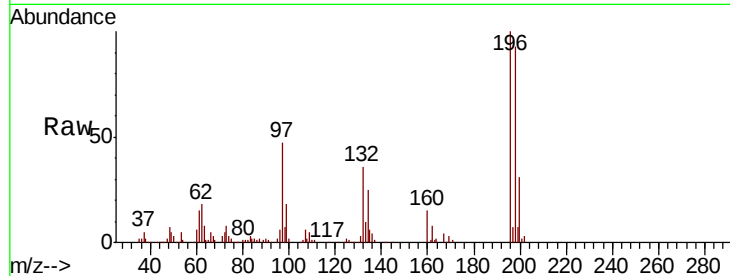




#43
 2,4,6-Trichlorophenol
 Concen: 39.472 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

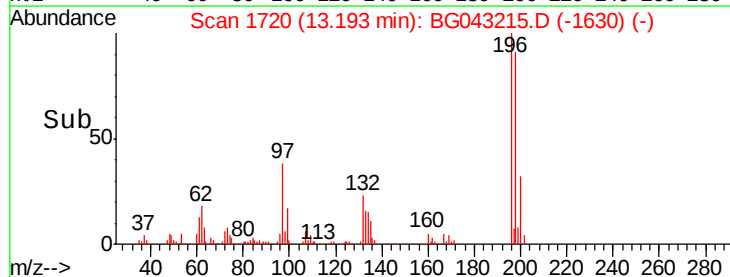
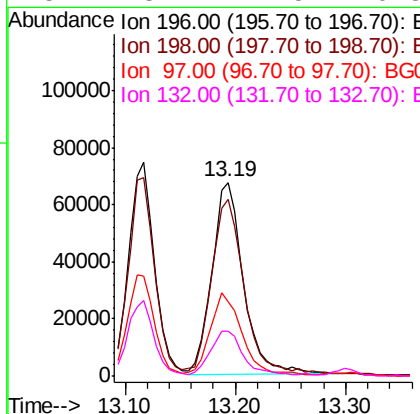
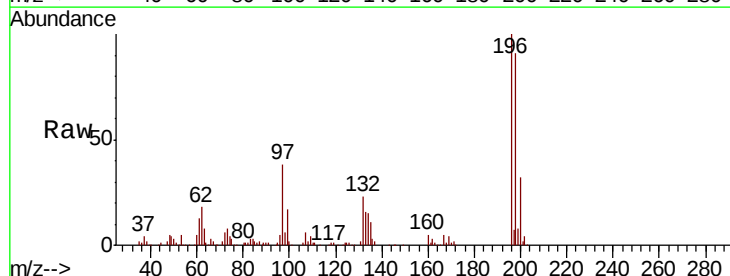
Instrument :
 BNA_G
 ClientSampled :

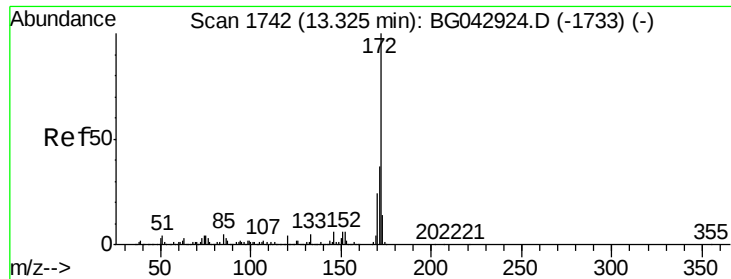
Tot Ion:196 Resp: 124284
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.5 113.3
 200 30.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.054 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion:196 Resp: 133163
 Ion Ratio Lower Upper
 196 100
 198 91.0 75.1 112.7
 97 38.3 37.0 55.4
 132 23.2 17.5 26.3

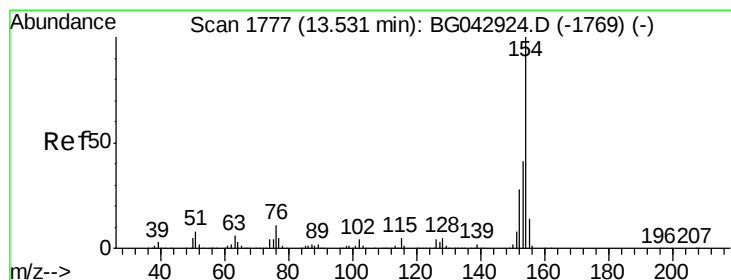
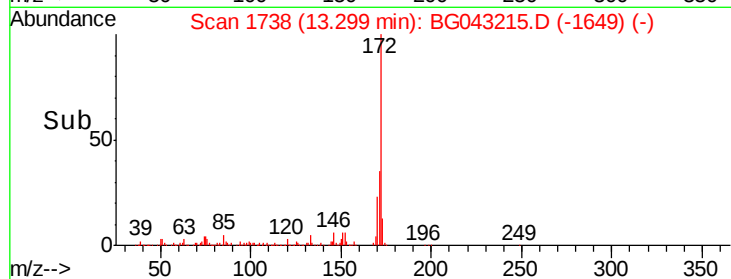
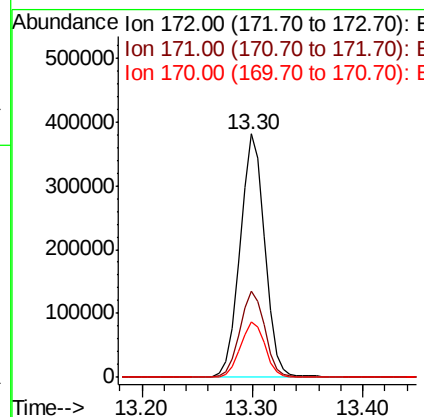
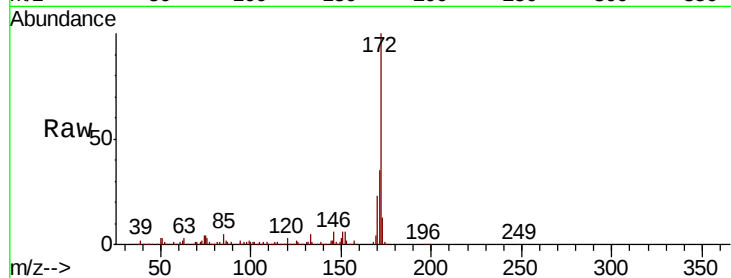




#45
2-Fluorobiphenyl
Concen: 60.872 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

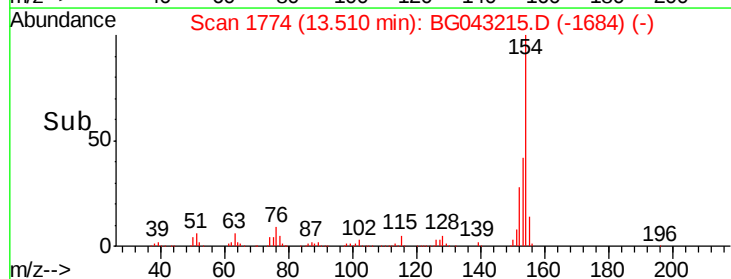
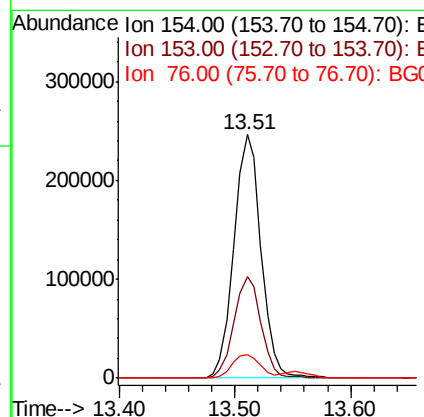
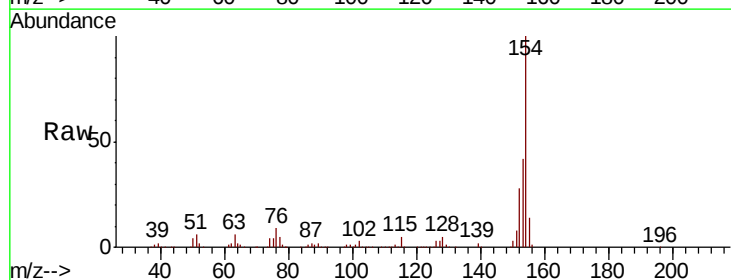
Instrument :
BNA_G
ClientSampleId :

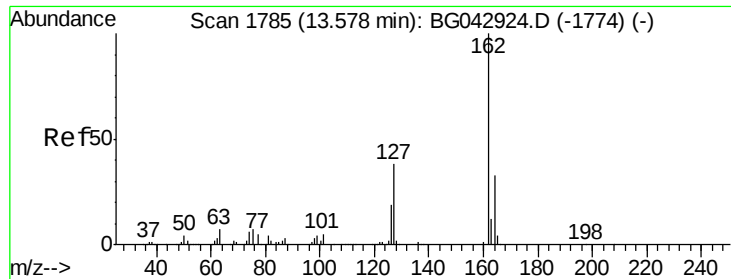
Tot Ion:172 Resp: 600771
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 22.6 19.6 29.4



#46
1,1'-Biphenyl
Concen: 36.960 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion:154 Resp: 401020
Ion Ratio Lower Upper
154 100
153 41.5 21.4 61.4
76 9.4 0.0 31.3

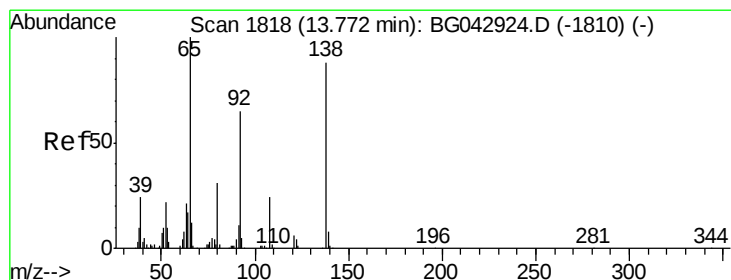
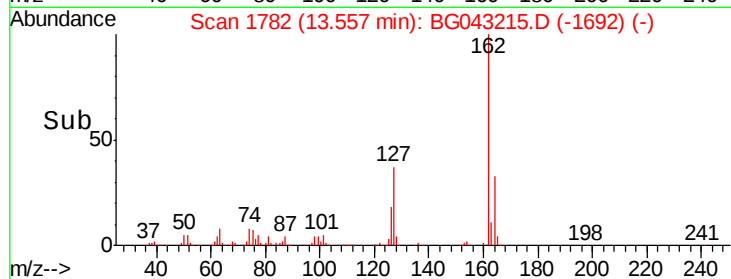
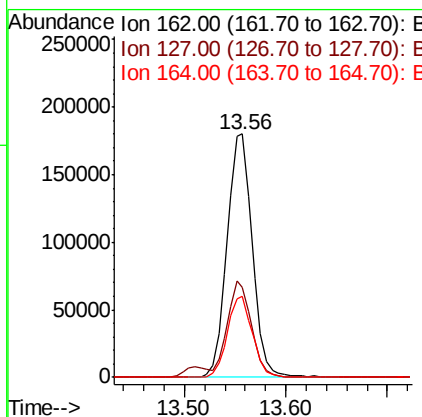
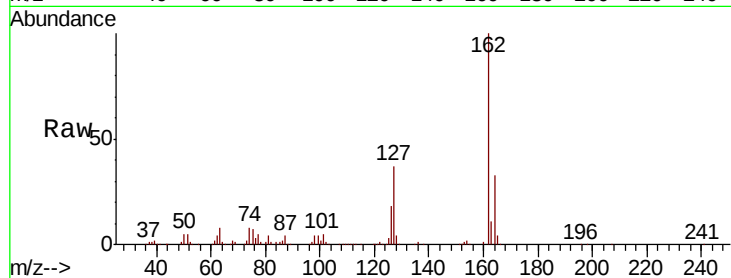




#47
 2-Chloronaphthalene
 Concen: 38.225 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

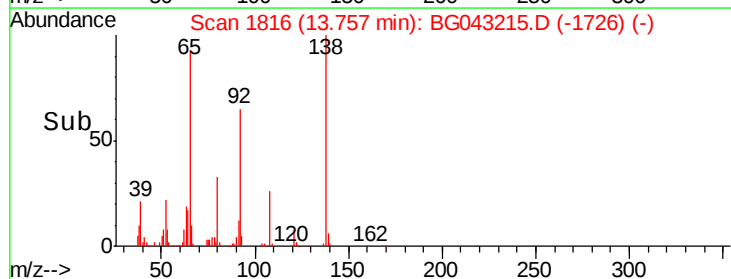
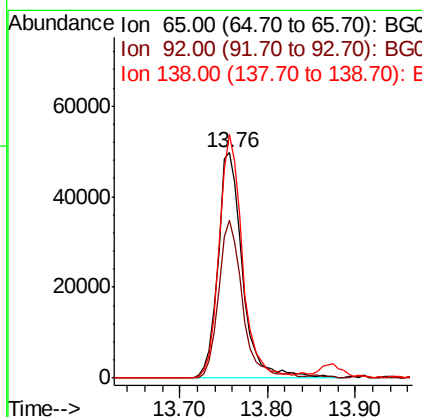
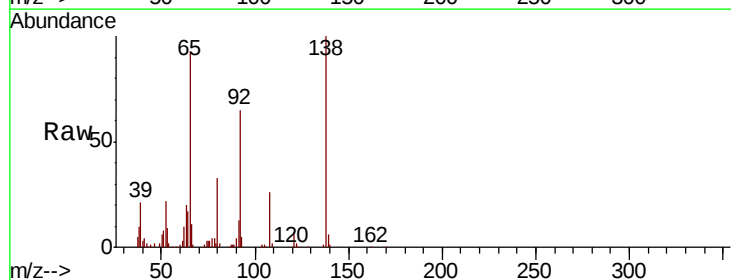
Instrument :
 BNA_G
 ClientSampleId :

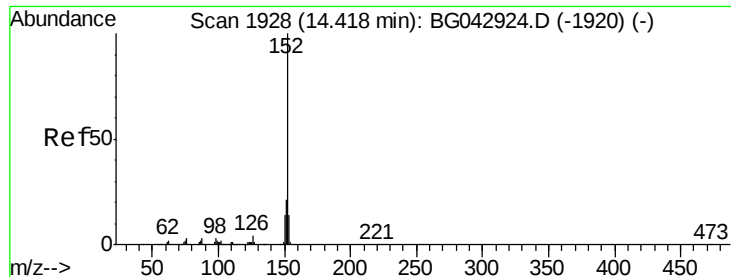
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	31.0	46.6
164	33.4	26.2	39.2



#48
 2-Nitroaniline
 Concen: 35.904 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	52.0	78.0
138	107.9	70.4	105.6





#49

Acenaphthylene

Concen: 41.028 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

ClientSampleId :

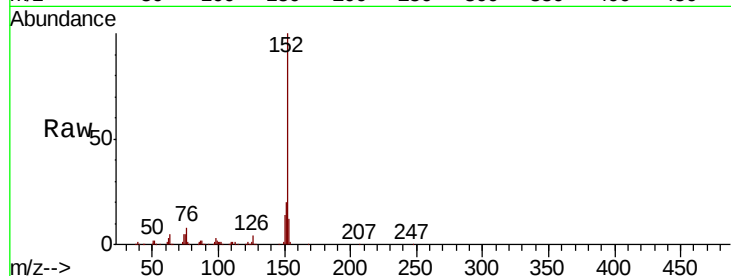
Tot Ion:152 Resp: 510697

Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

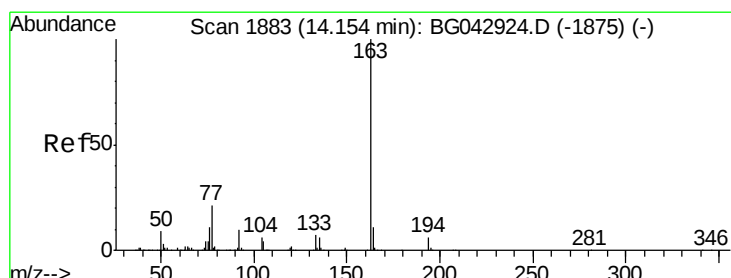
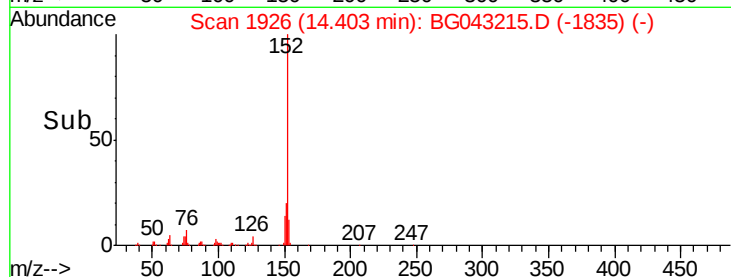
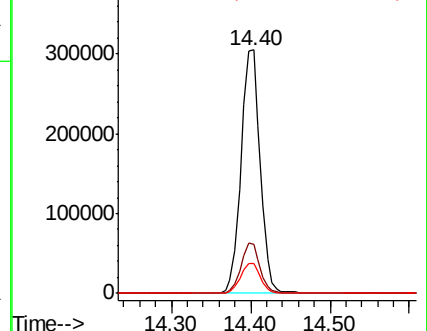
153 12.4 11.3 16.9



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: 37.571 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

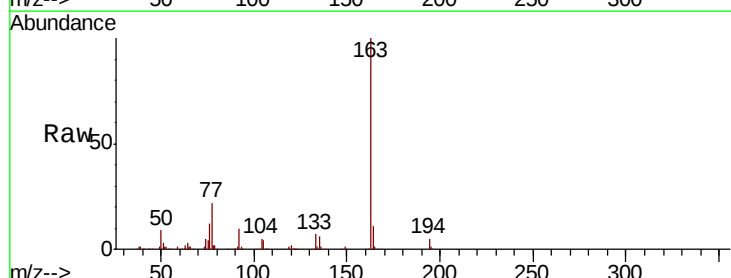
Tgt Ion:163 Resp: 402770

Ion Ratio Lower Upper

163 100

194 5.1 4.4 6.6

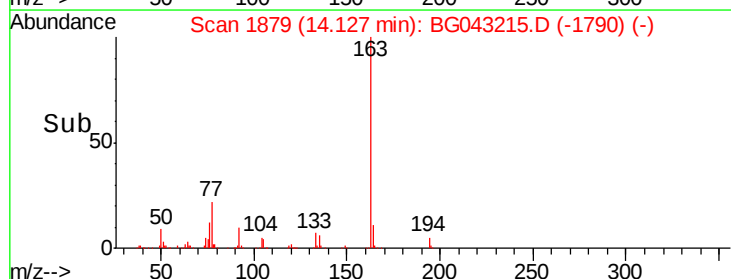
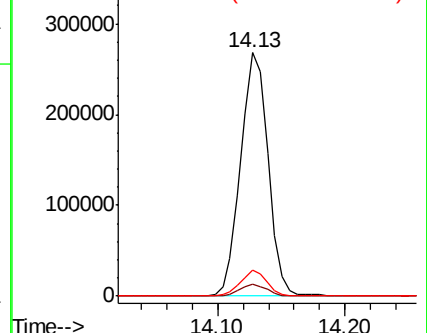
164 10.8 8.6 12.8



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: 40.360 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

ClientSampleId :

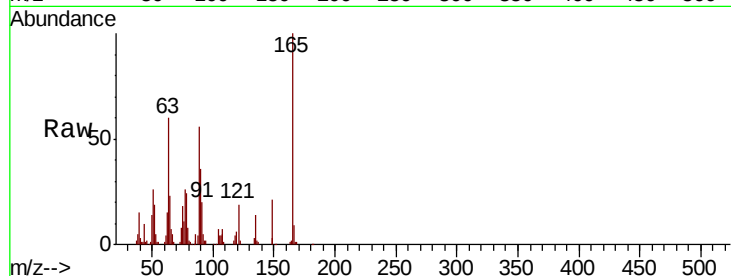
Tot Ion:165 Resp: 92139

Ion Ratio Lower Upper

165 100

63 59.6 50.3 75.5

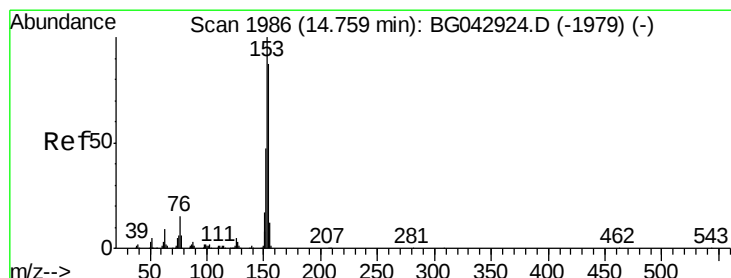
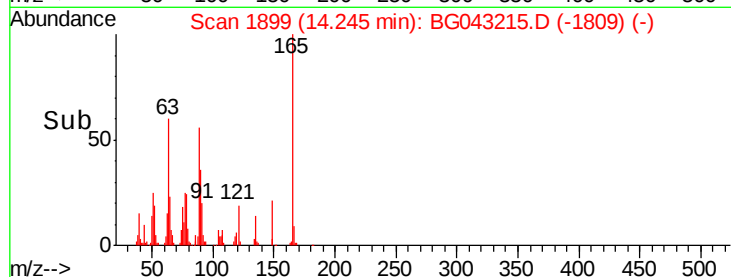
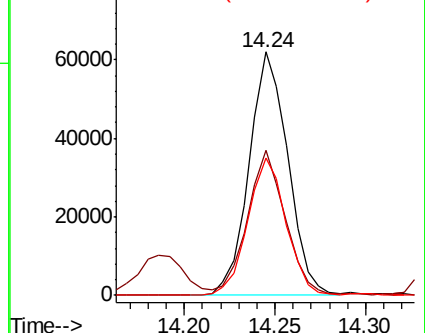
89 56.2 48.9 73.3



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: 36.099 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

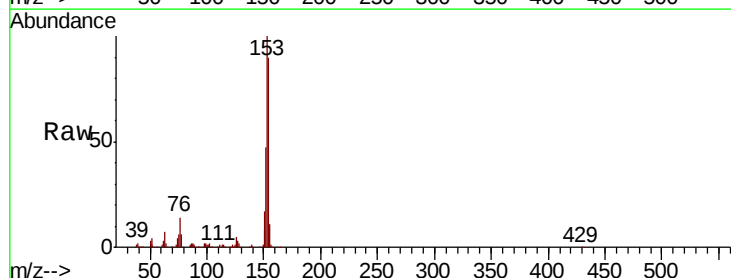
Tgt Ion:154 Resp: 300771

Ion Ratio Lower Upper

154 100

153 111.5 91.4 137.0

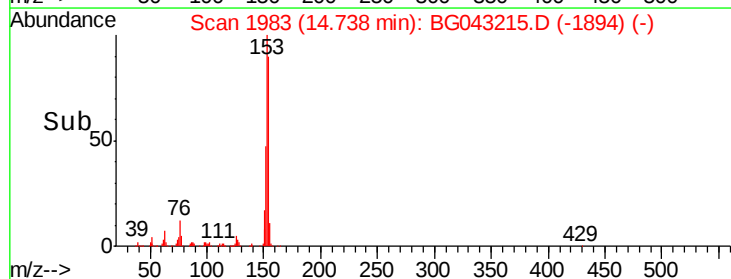
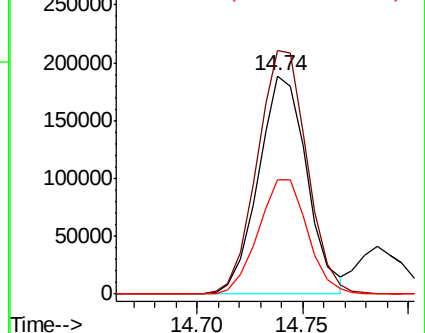
152 52.4 42.8 64.2



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: 27.297 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

ClientSampleId :

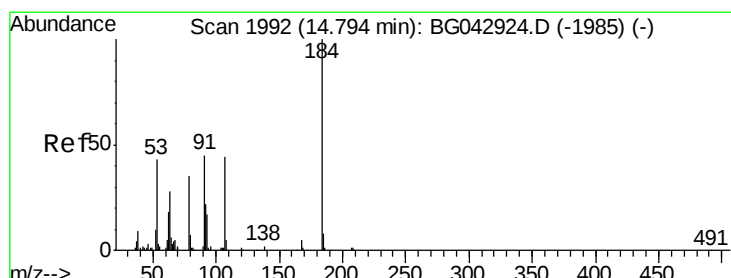
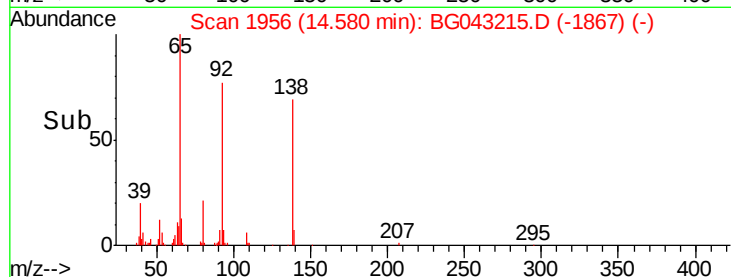
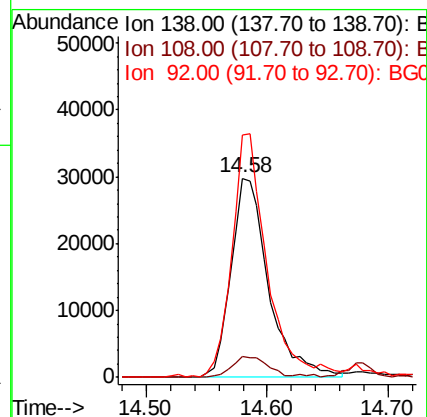
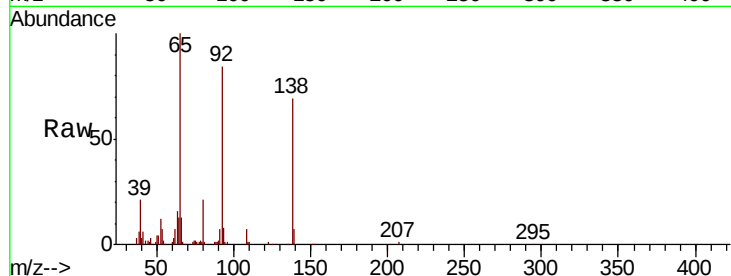
Tot Ion:138 Resp: 64402

Ion Ratio Lower Upper

138 100

108 10.4 7.9 11.9

92 121.9 97.0 145.6



#54

2,4-Dinitrophenol

Concen: 74.311 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

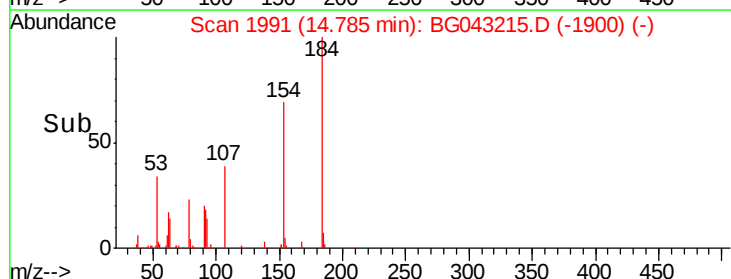
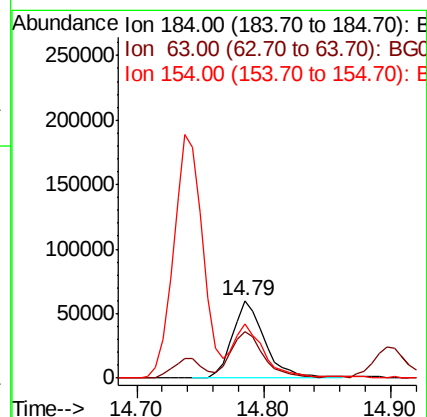
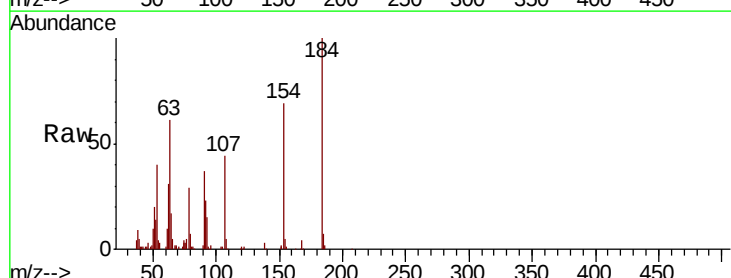
Tgt Ion:184 Resp: 105451

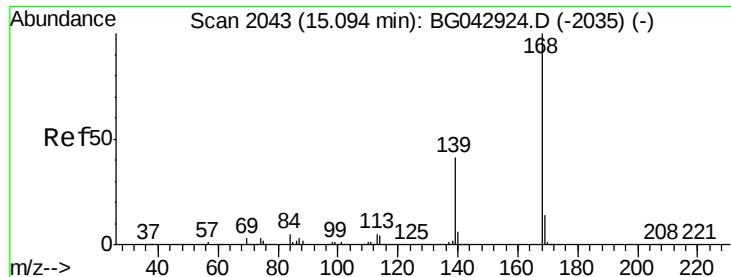
Ion Ratio Lower Upper

184 100

63 60.9 55.0 82.6

154 69.4 56.5 84.7

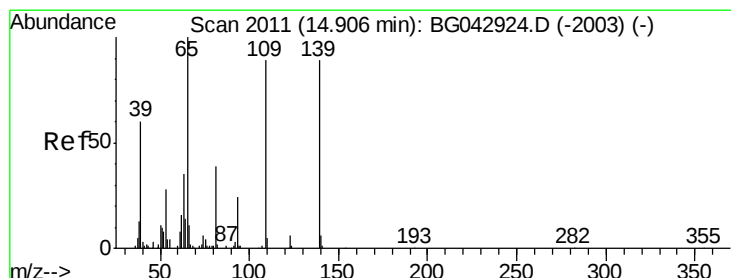
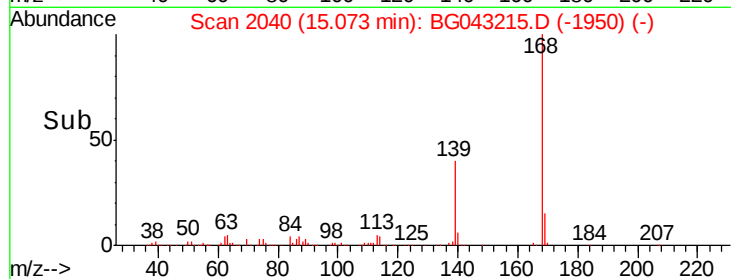
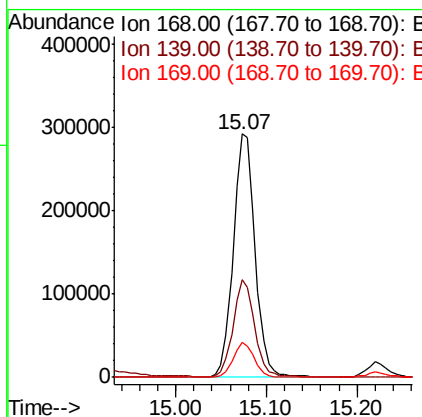
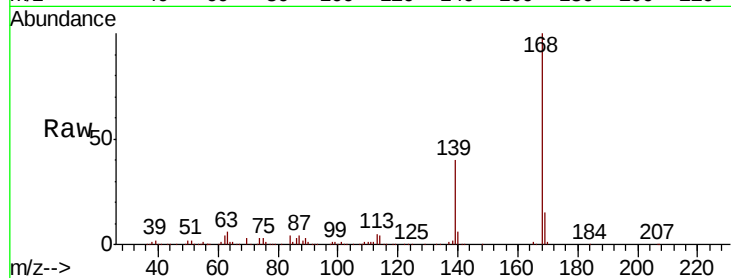




#55
Dibenzofuran
Concen: 39.900 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

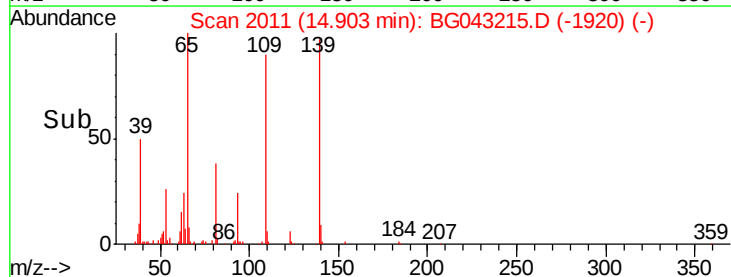
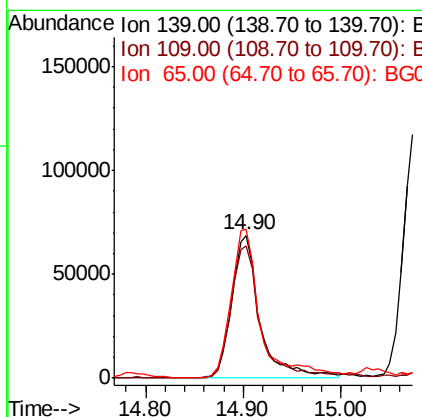
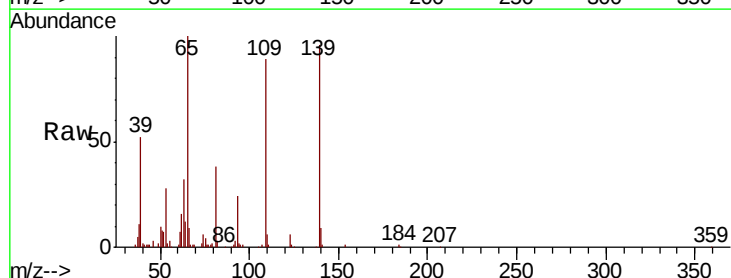
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	32.6	48.8
169	14.6	11.2	16.8



#56
4-Nitrophenol
Concen: 77.039 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.8	79.4	119.4
65	104.0	92.5	132.5

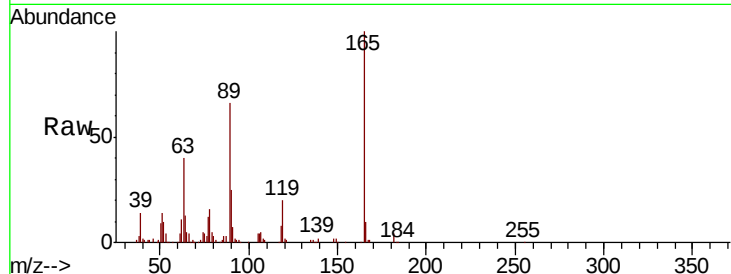




#57
 2,4-Dinitrotoluene
 Concen: 40.130 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.2	36.5	54.7
89	66.4	55.5	83.3
182	3.5	2.4	3.6



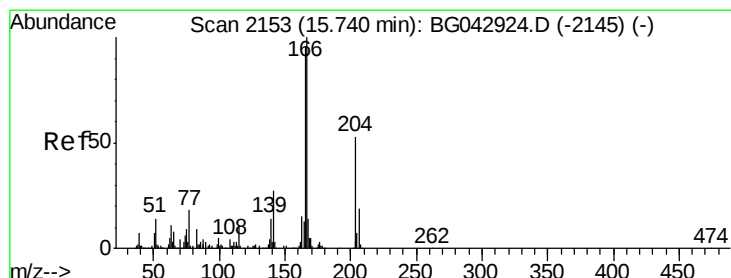
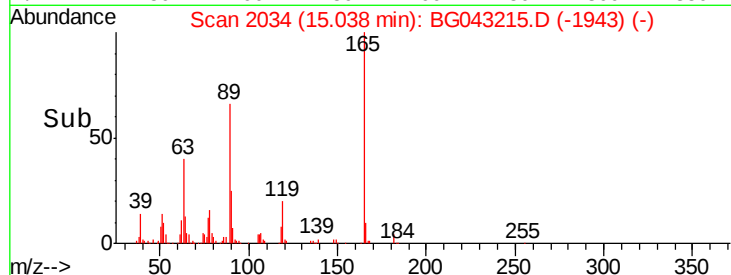
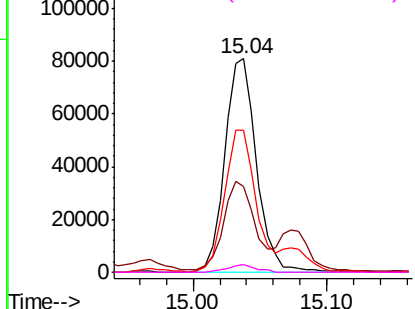
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

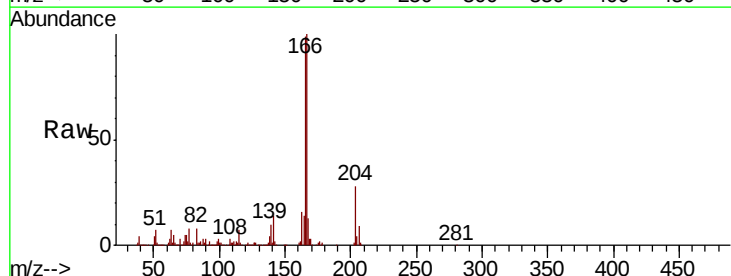
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.448 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.1	115.7
167	13.2	11.0	16.6

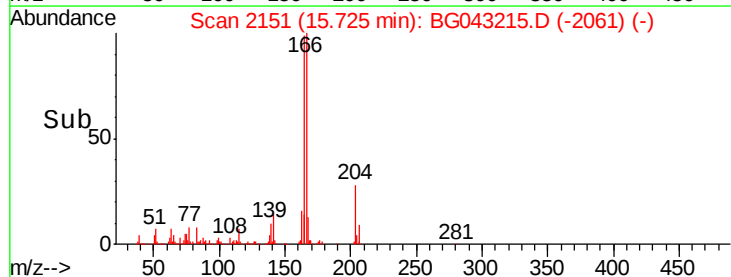
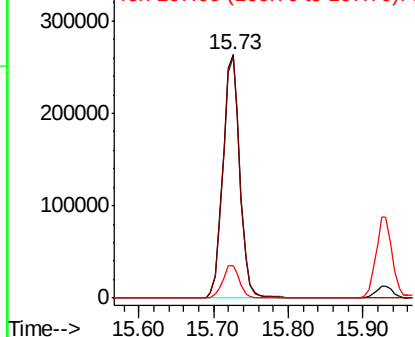


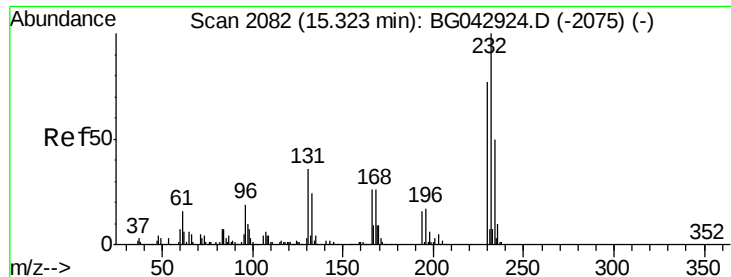
Abundance

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

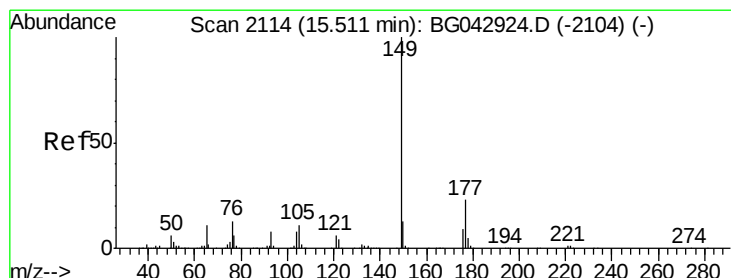
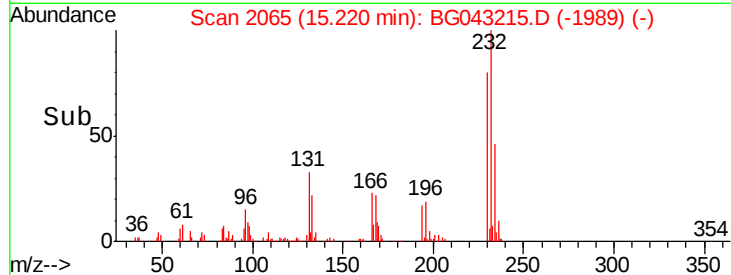
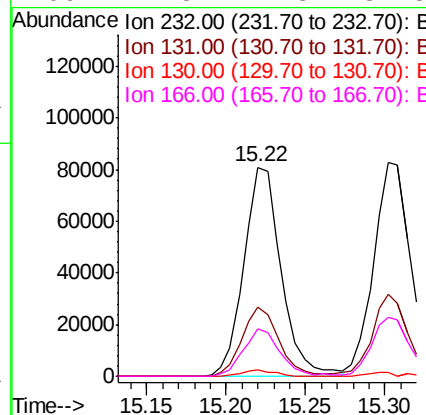
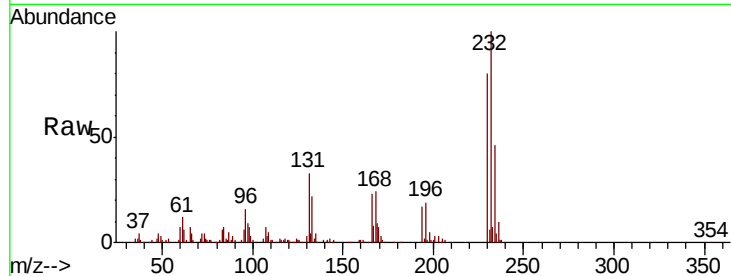




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.304 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.08 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

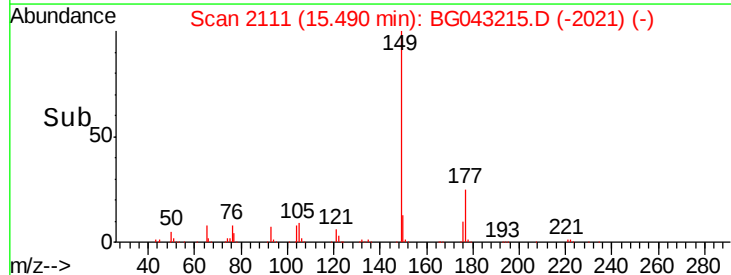
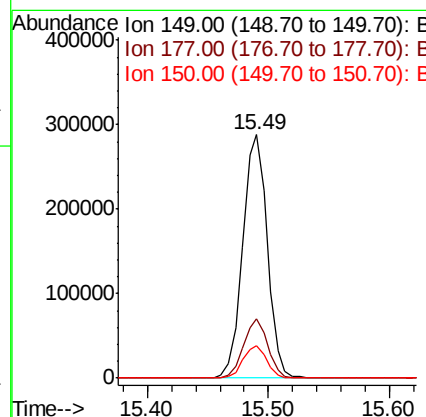
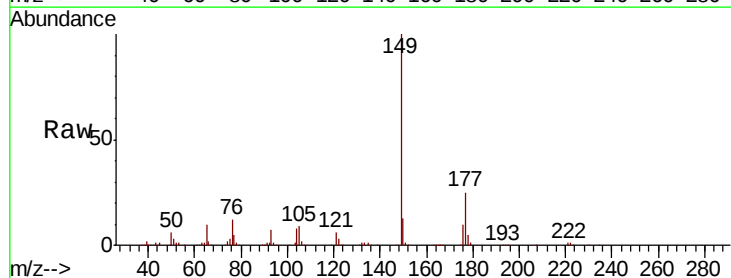
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	132290
Ion Ratio	Lower	Upper
232	100	
131	32.8	29.6 44.4
130	2.5	1.9 2.9
166	22.3	21.8 32.8



#60
 Diethylphthalate
 Concen: 37.501 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion:149	Resp:	409141
Ion Ratio	Lower	Upper
149	100	
177	24.6	18.8 28.2
150	13.1	10.6 15.8

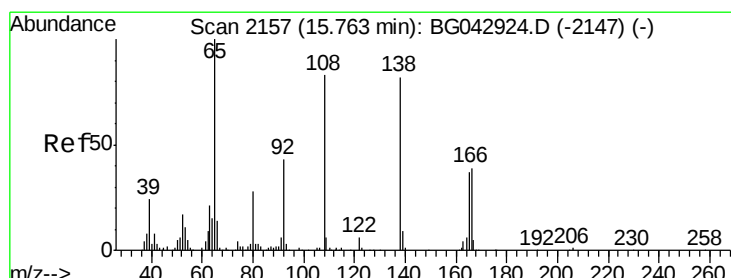
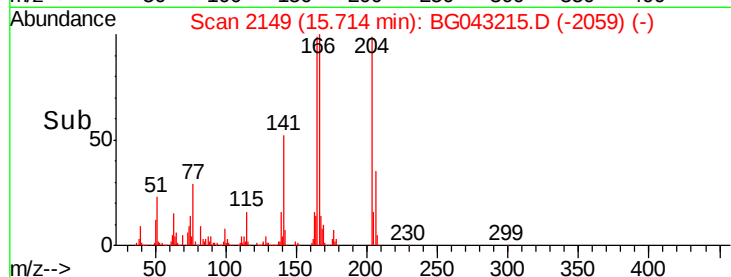
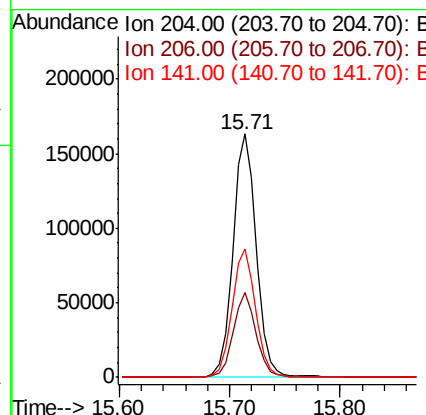
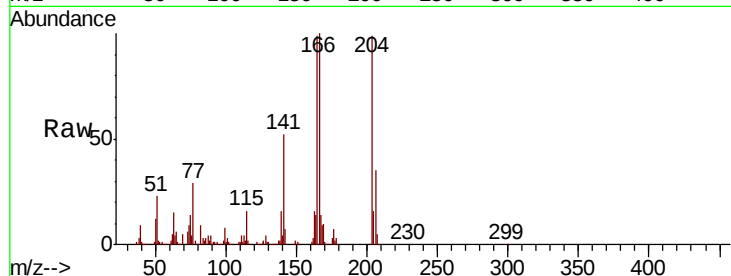




#61
4-Chlorophenyl-phenylether
Concen: 38.286 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

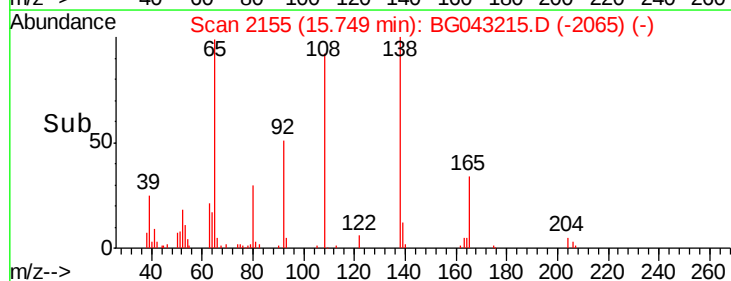
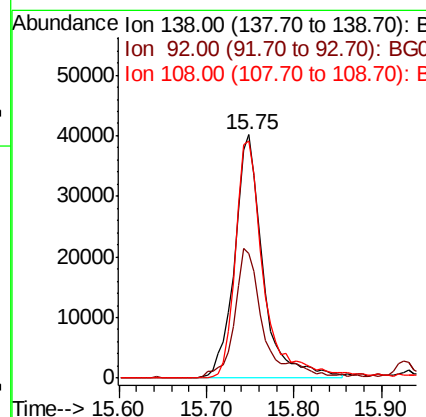
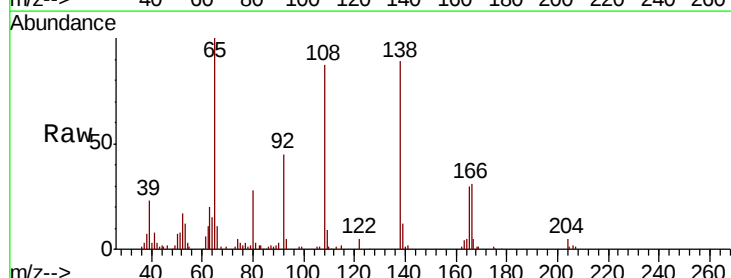
Instrument :
BNA_G
ClientSampled :

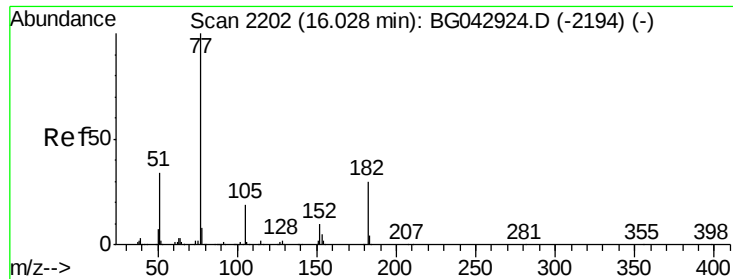
Tot Ion:204 Resp: 241615
Ion Ratio Lower Upper
204 100
206 34.7 28.5 42.7
141 52.5 42.4 63.6



#62
4-Nitroaniline
Concen: 34.449 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion:138 Resp: 88642
Ion Ratio Lower Upper
138 100
92 51.3 32.9 72.9
108 97.6 81.3 121.3





#63

Azobenzene

Concen: 36.336 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 360919

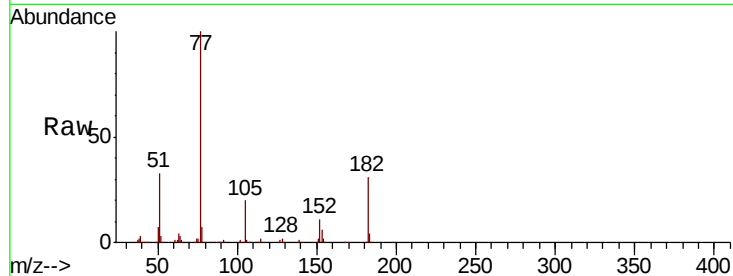
Ion	Ratio	Lower	Upper
77	100		
182	30.6	10.2	50.2
105	20.2	0.0	39.1
51	32.6	13.9	53.9

77 100

182 30.6 10.2 50.2

105 20.2 0.0 39.1

51 32.6 13.9 53.9

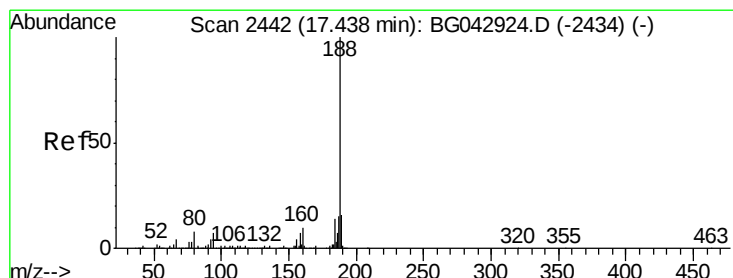
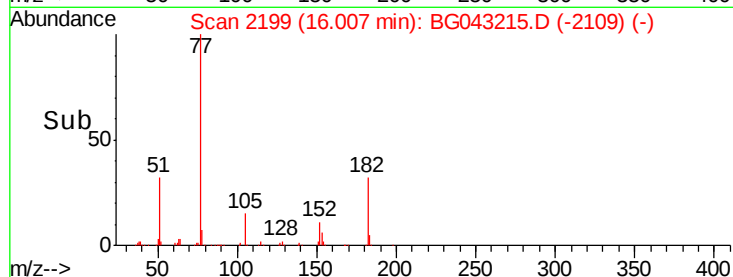
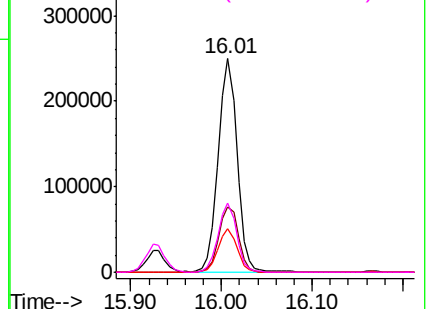


Abundance Ion 77.00 (76.70 to 77.70): BGC

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

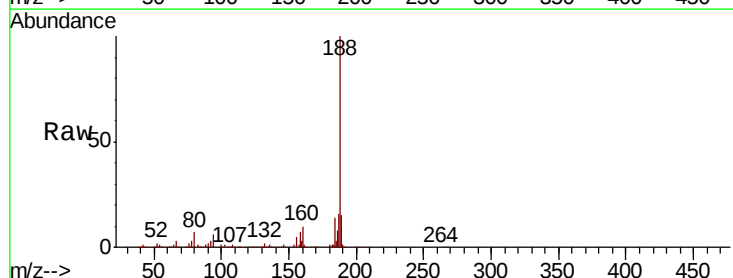
Tgt Ion: 188 Resp: 331998

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.7	8.5
80	6.8	6.5	9.7

188 100

94 6.3 5.7 8.5

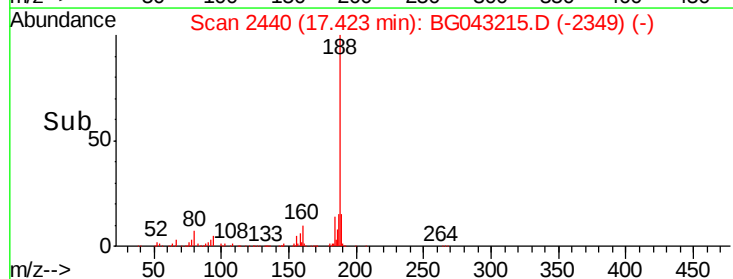
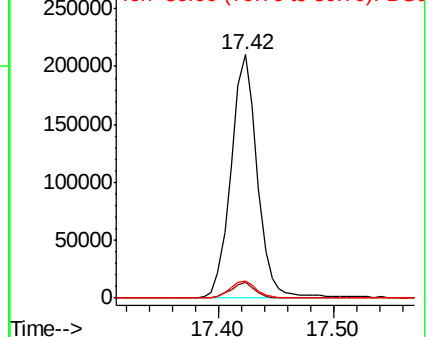
80 6.8 6.5 9.7

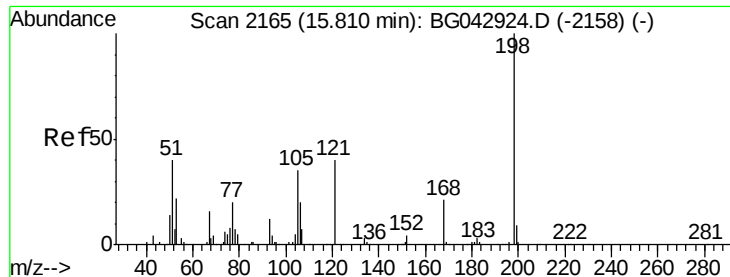


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

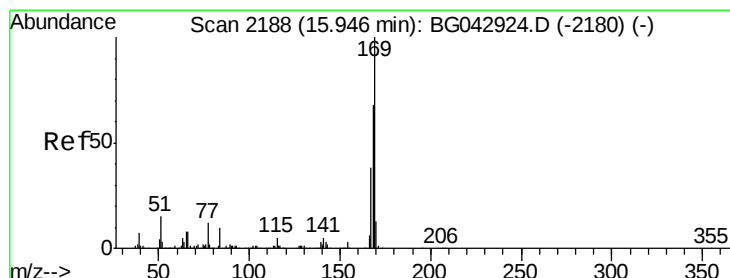
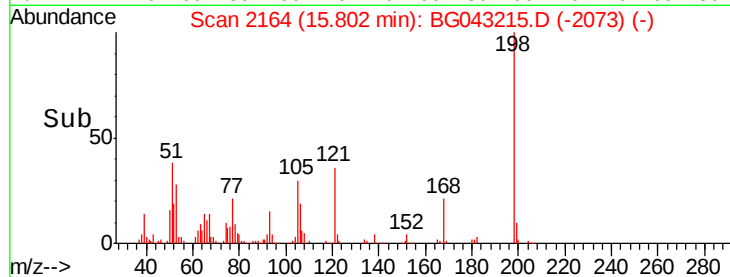
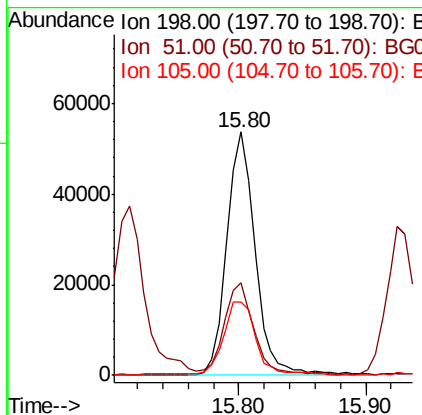
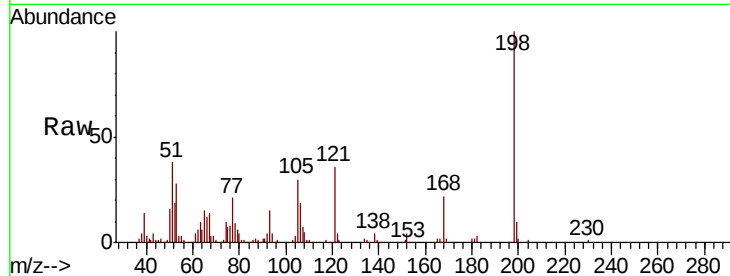




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.315 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

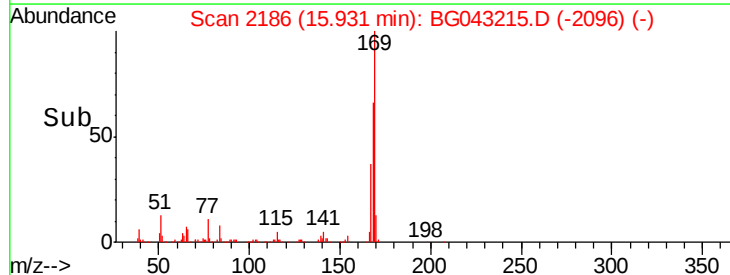
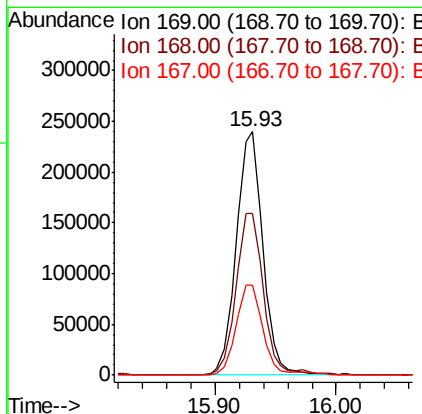
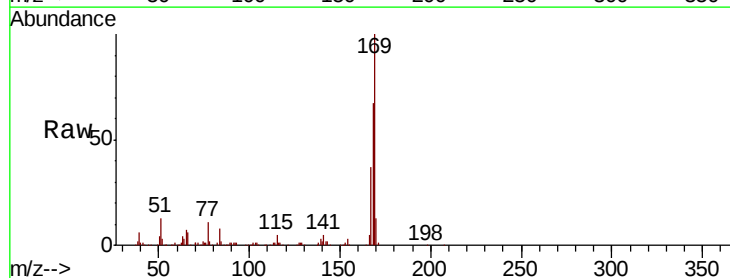
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 83253
 Ion Ratio Lower Upper
 198 100
 51 37.9 25.3 65.3
 105 29.9 16.6 56.6



#66
 n-Nitrosodiphenylamine
 Concen: 41.976 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion:169 Resp: 367889
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.8 82.2
 167 36.7 30.6 46.0

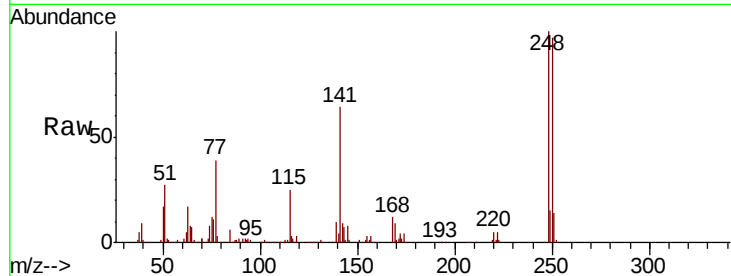




#67
4-Bromophenyl-phenylether
Concen: 40.786 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	75.8	113.8
141	64.3	51.1	76.7

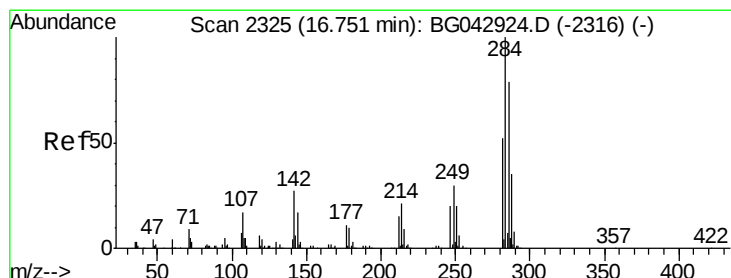
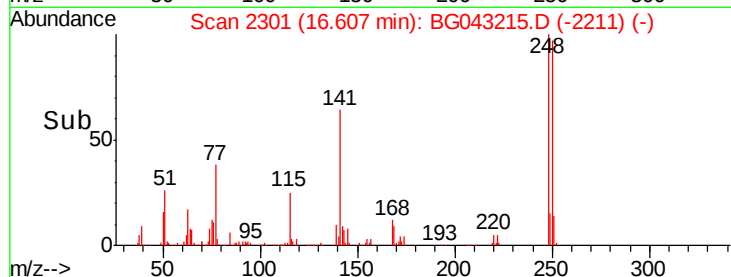
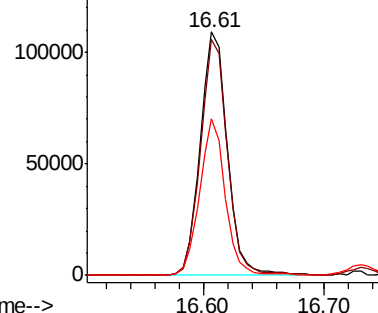


Abundance

Ion 248.00 (247.70 to 248.70): E

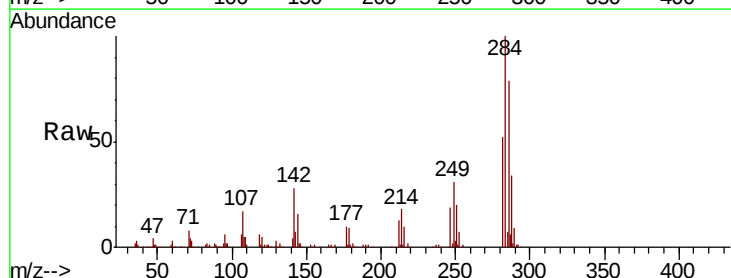
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.284 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	21.6	32.4
249	31.3	24.1	36.1

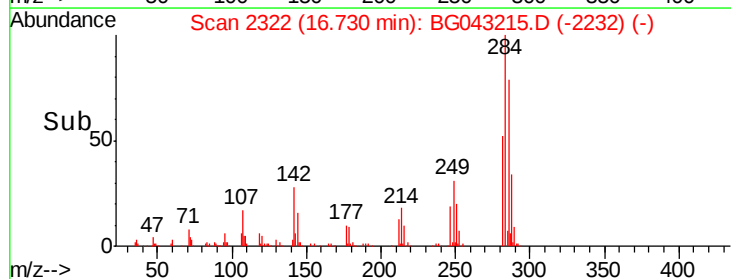
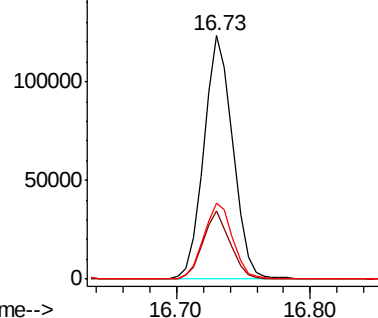


Abundance

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

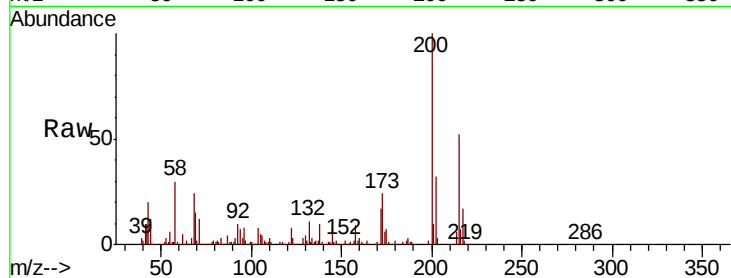




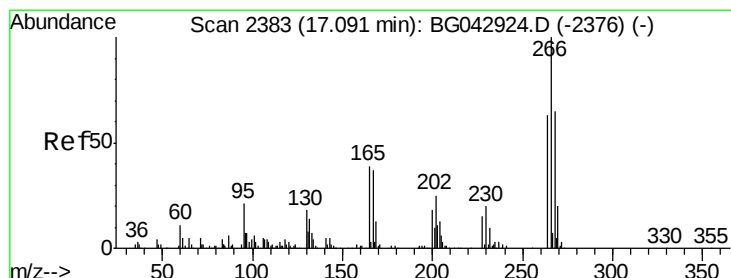
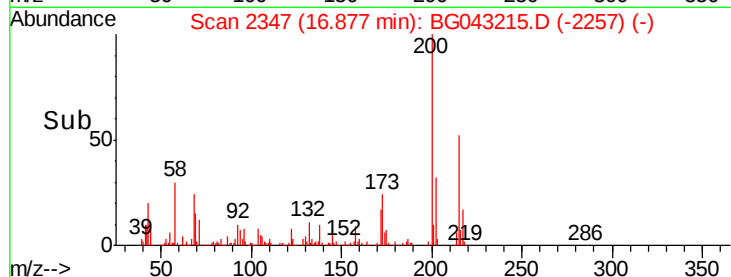
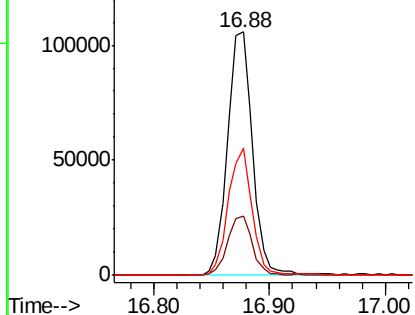
#69
 Atrazine
 Concen: 43.134 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	4.0	44.0
215	52.2	27.4	67.4

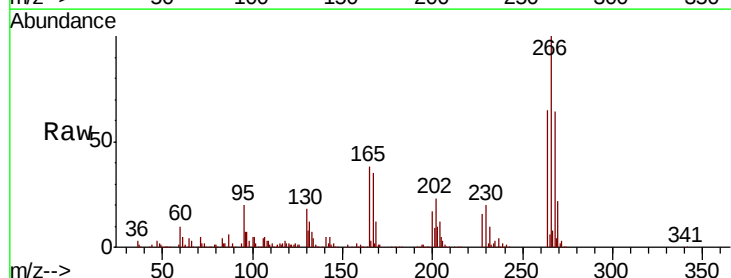


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

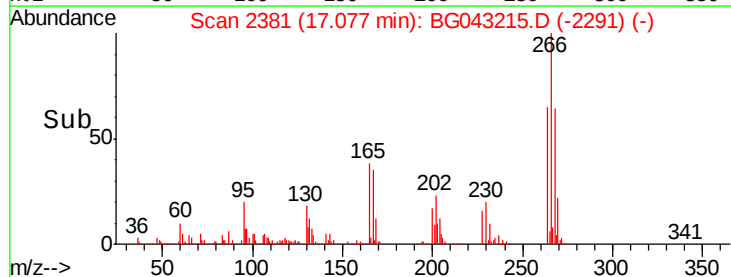
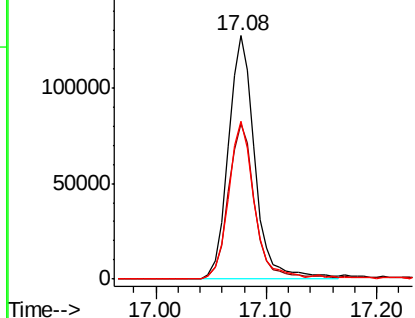


#70
 Pentachlorophenol
 Concen: 80.245 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	52.2	78.2
264	65.1	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

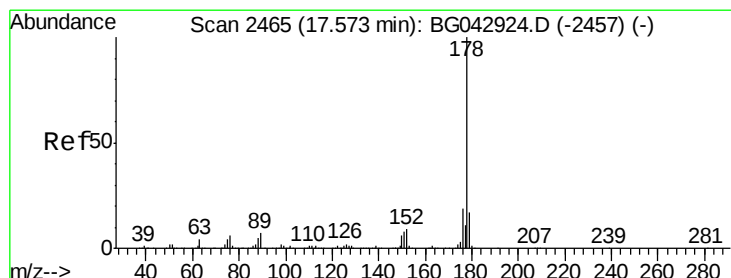
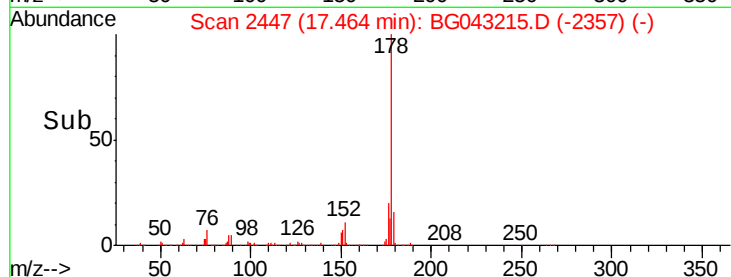
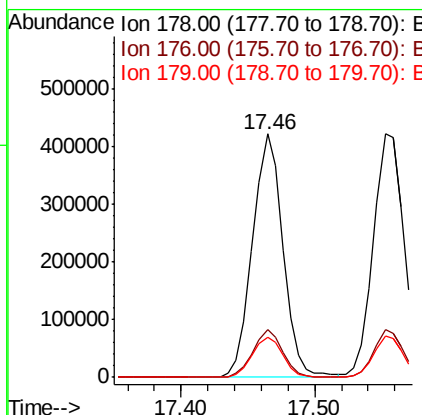
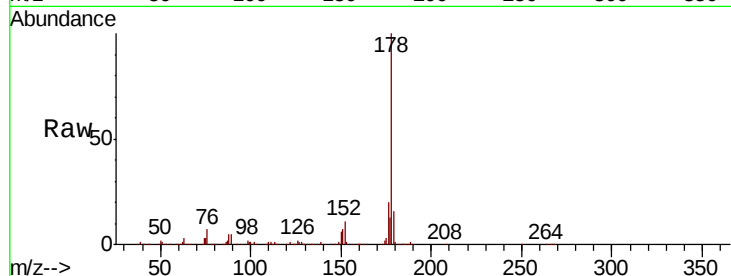




#71
Phenanthrene
Concen: 40.838 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

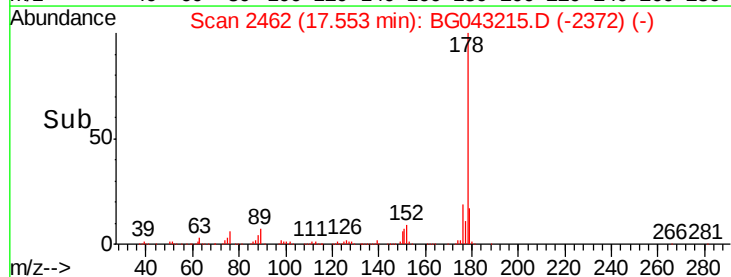
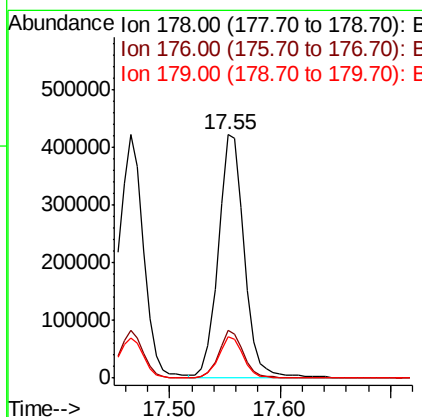
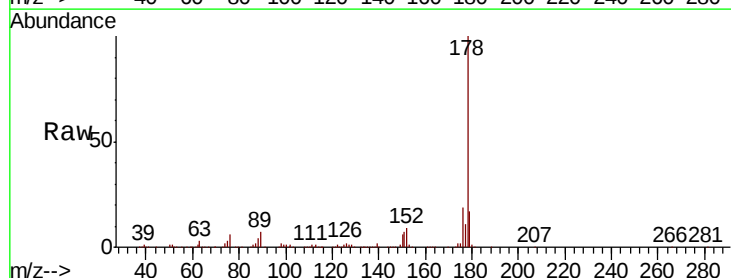
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	16.5	14.1	21.1



#72
Anthracene
Concen: 42.441 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	16.8	13.5	20.3

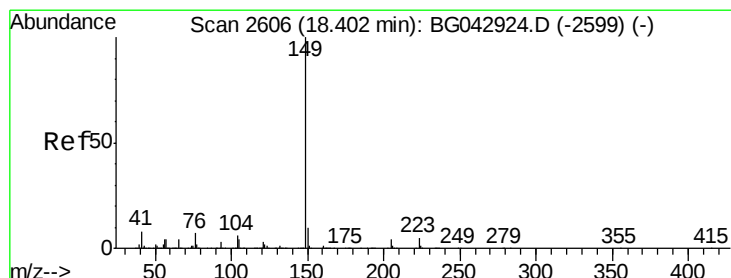
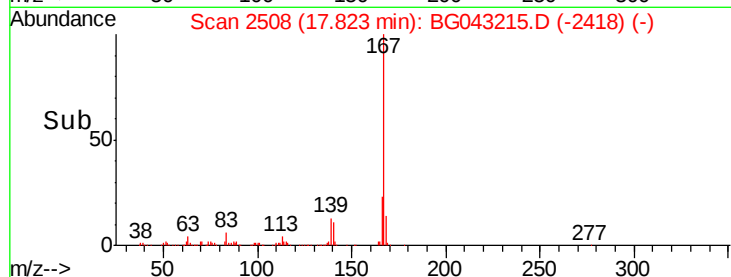
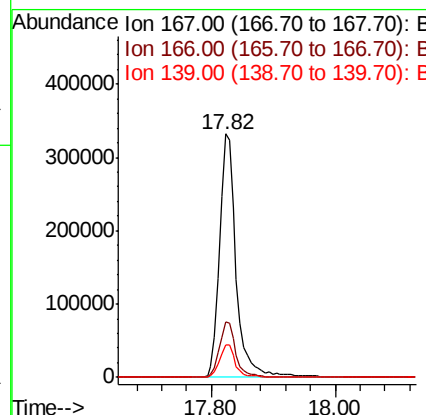
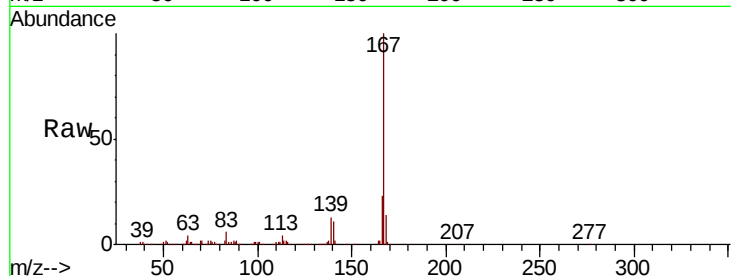




#73
 Carbazole
 Concen: 40.767 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

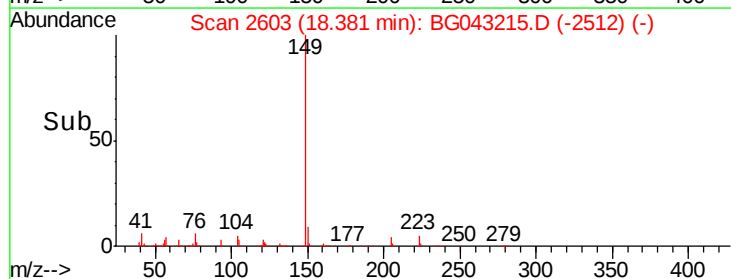
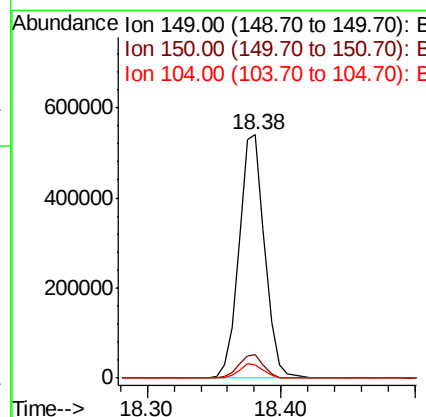
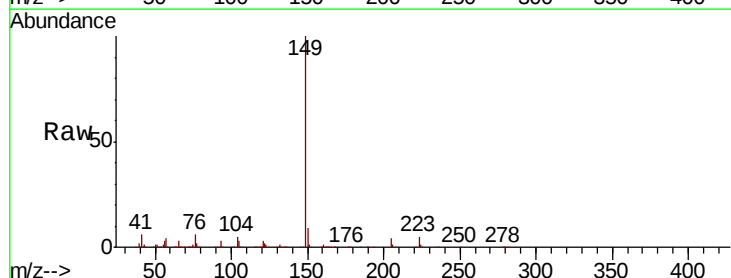
Instrument :
 BNA_G
 ClientSampleId :

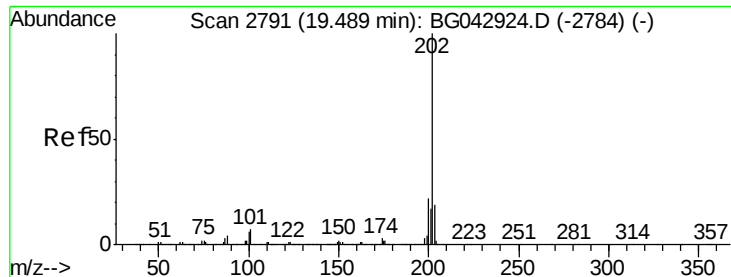
Tot Ion:167 Resp: 611710
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.6 28.0
 139 13.1 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 40.145 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion:149 Resp: 718705
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.2 5.0 7.6





#75

Fluoranthene

Concen: 40.007 ng

RT: 19.47 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

ClientSampleId :

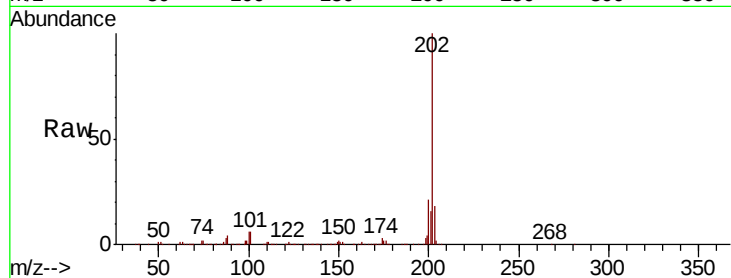
Tot Ion:202 Resp: 857678

Ion Ratio Lower Upper

202 100

101 6.4 0.0 27.3

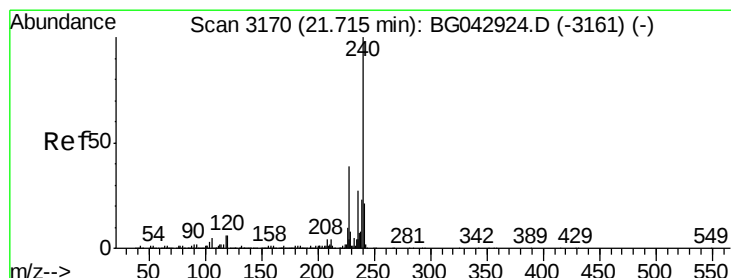
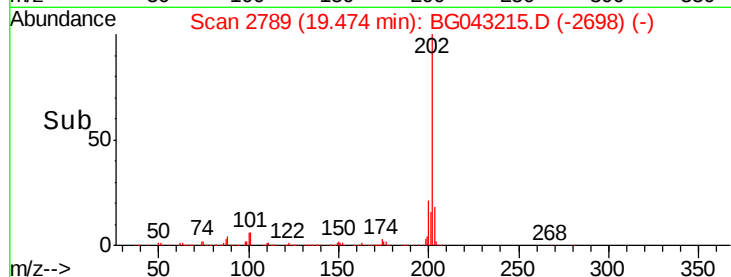
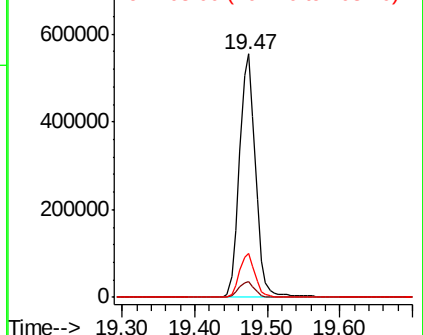
203 18.2 0.0 39.5



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: 21.69 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

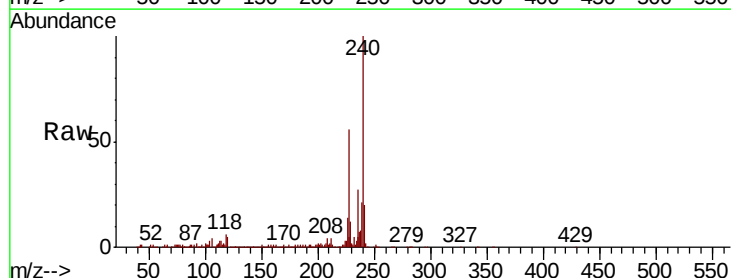
Tgt Ion:240 Resp: 360753

Ion Ratio Lower Upper

240 100

120 5.4 4.8 7.2

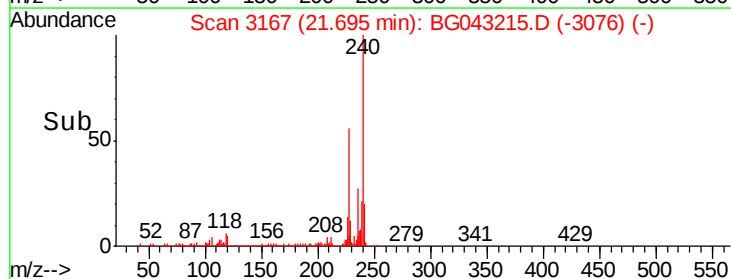
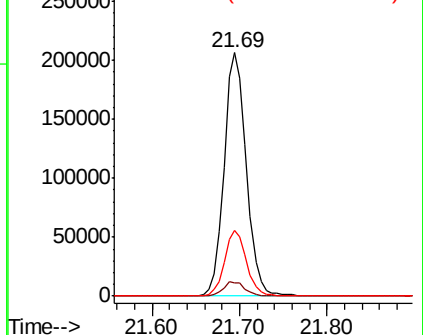
236 27.0 21.4 32.0



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: 44.141 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

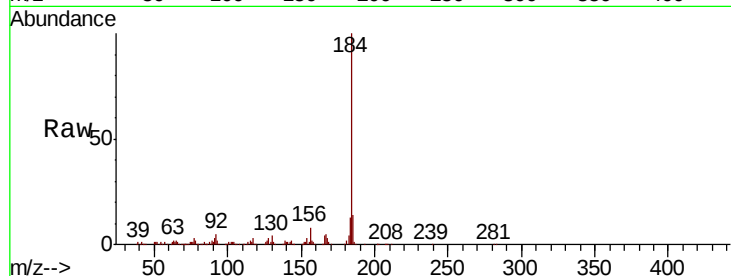
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 398717

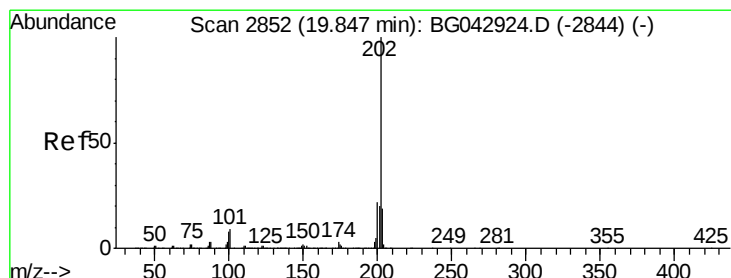
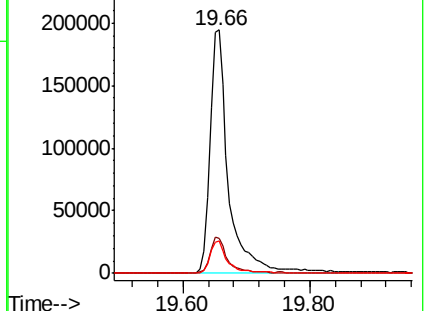
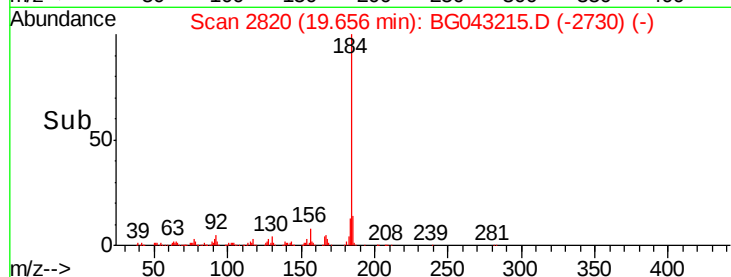
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.8
183	13.2	10.1	15.1



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: 40.259 ng

RT: 19.83 min Scan# 2850

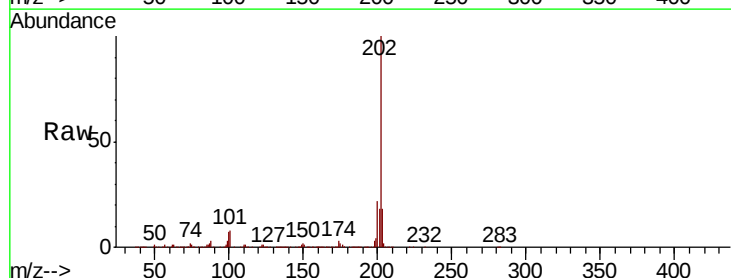
Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion:202 Resp: 866863

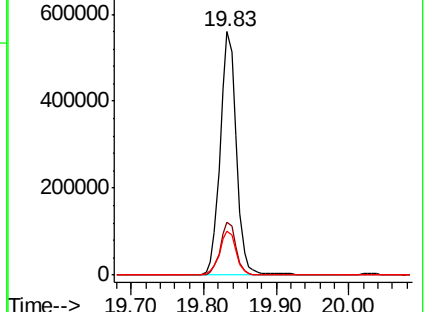
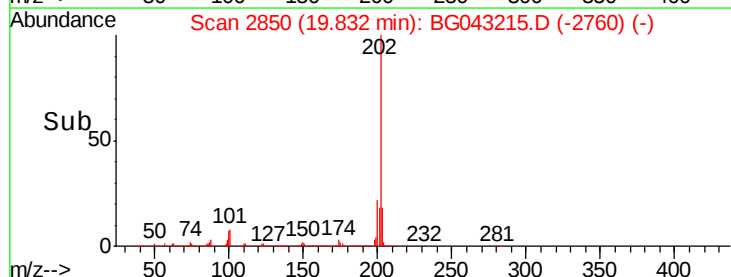
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.2	15.2	22.8

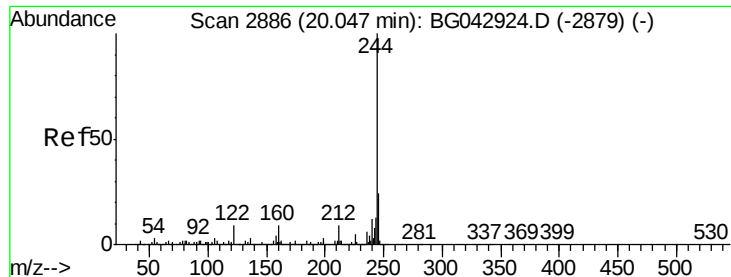


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.797 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

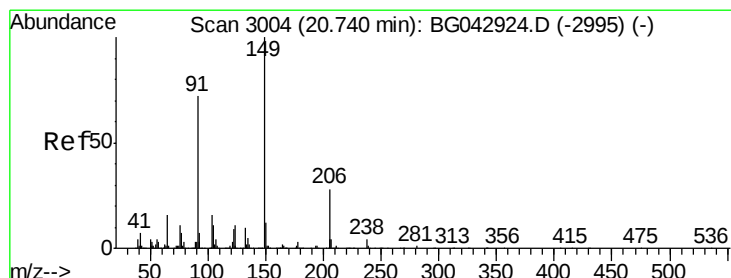
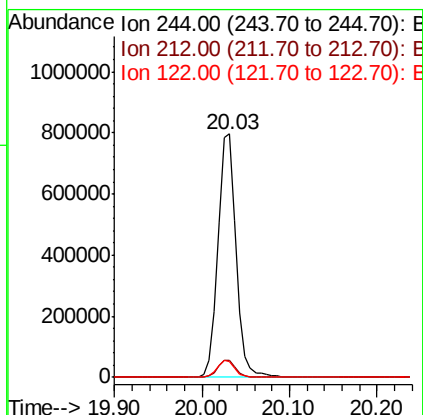
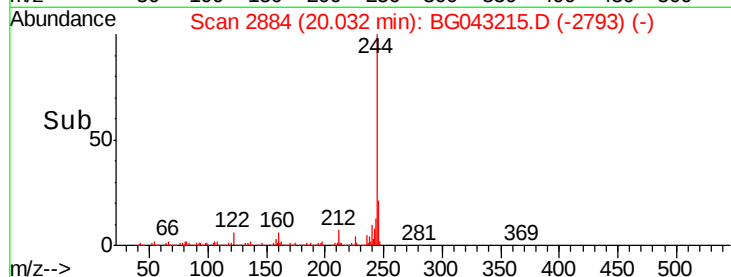
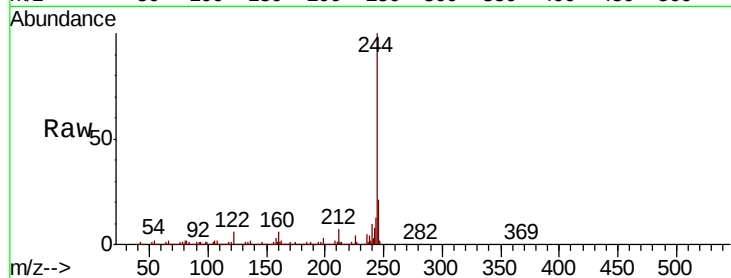
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1147793

Ion	Ratio	Lower	Upper
244	100		
212	7.3	7.4	11.0#
122	6.3	7.0	10.4#



#80

Butylbenzylphthalate

Concen: 39.583 ng

RT: 20.71 min Scan# 3000

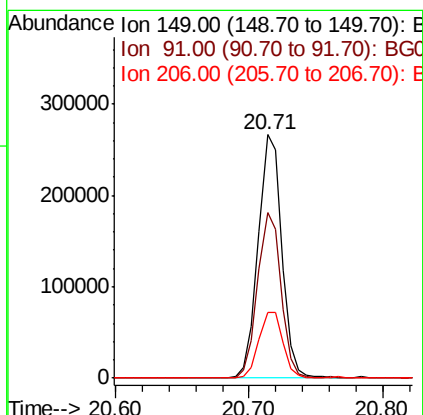
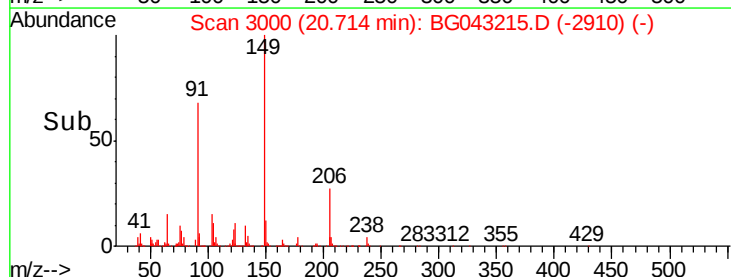
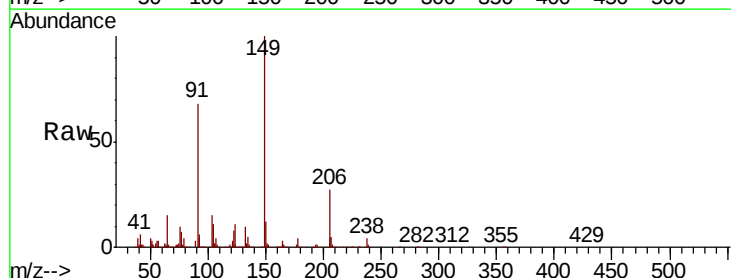
Delta R.T. -0.00 min

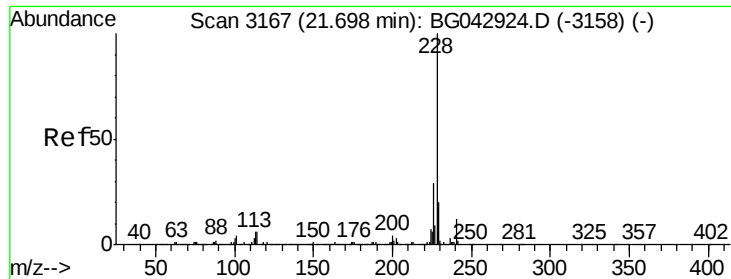
Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion:149 Resp: 323514

Ion	Ratio	Lower	Upper
149	100		
91	68.2	57.7	86.5
206	27.0	22.6	33.8

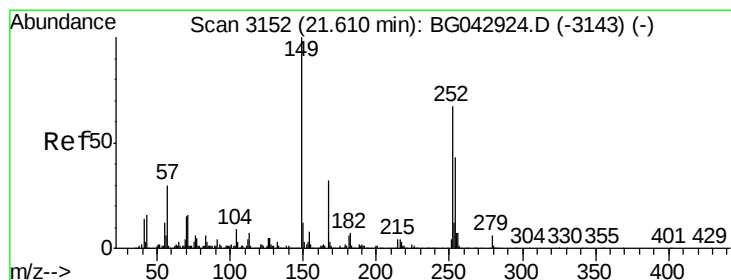
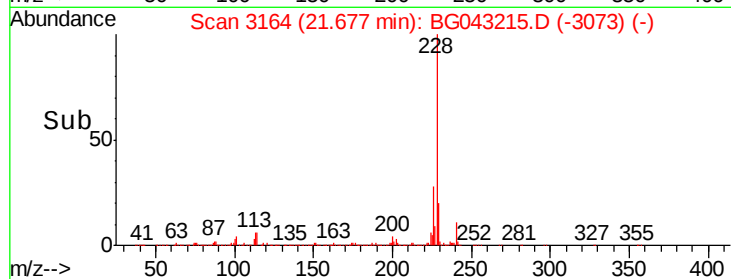
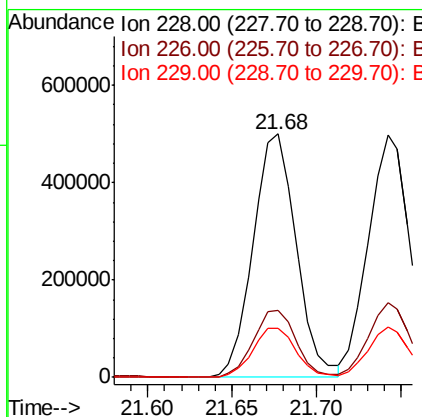
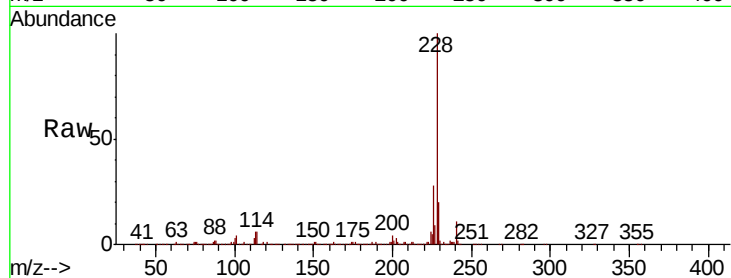




#81
Benzo(a)anthracene
Concen: 39.571 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

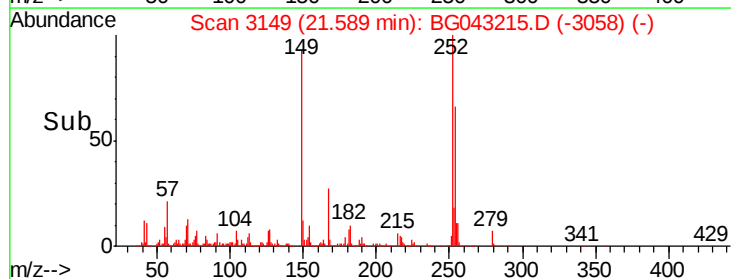
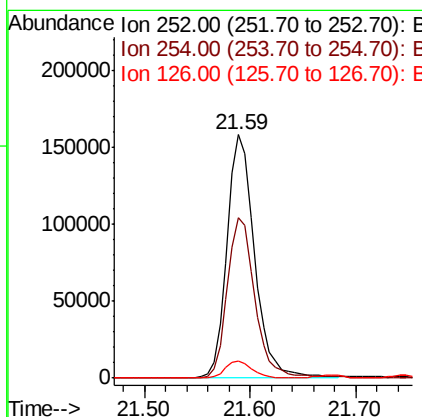
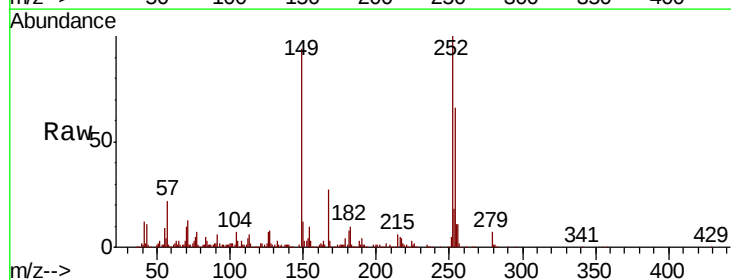
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.0	34.4
229	20.2	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 32.502 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.9	77.9
126	7.1	6.1	9.1

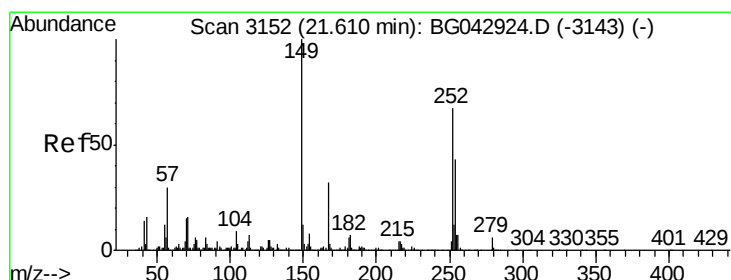
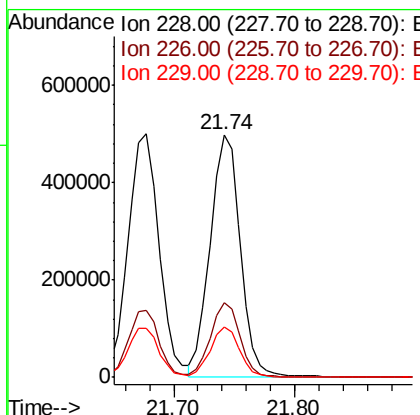
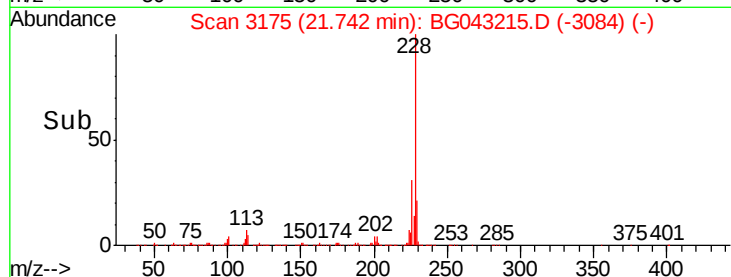
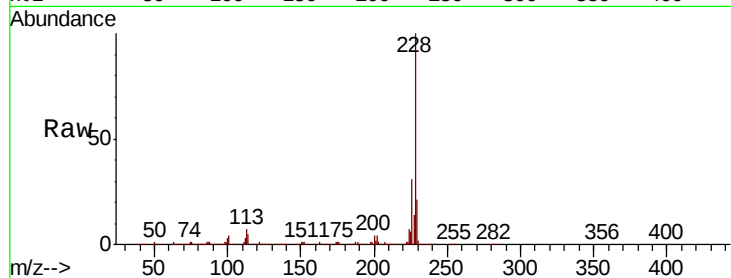




#83
 Chrysene
 Concen: 39.320 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

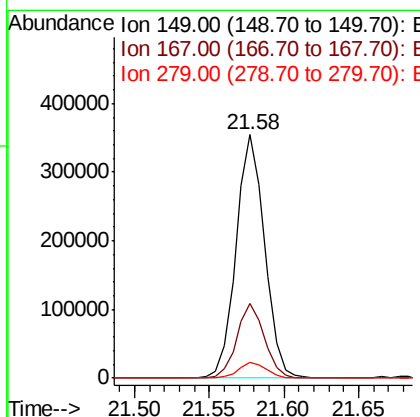
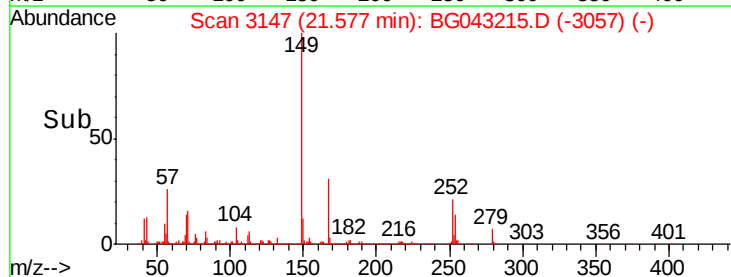
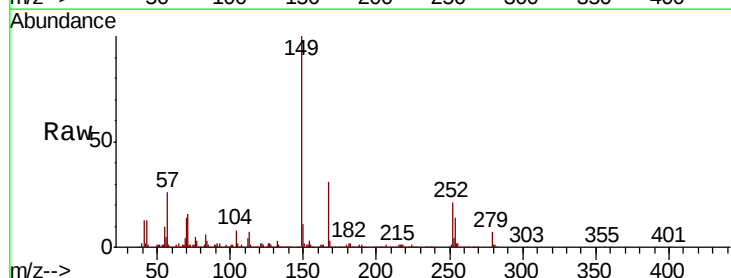
Instrument :
 BNA_G
 ClientSampleId :

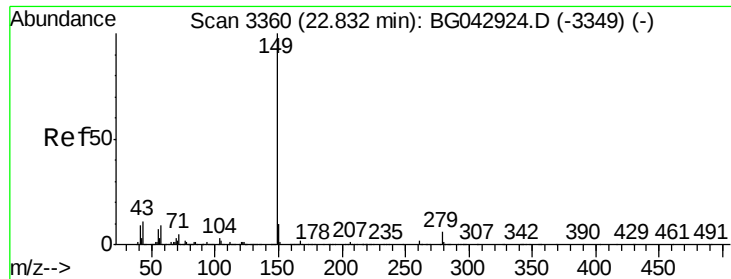
Tot Ion:228 Resp: 857705
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.6 38.4
 229 20.6 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.440 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion:149 Resp: 470301
 Ion Ratio Lower Upper
 149 100
 167 30.9 25.4 38.2
 279 6.5 5.1 7.7





#85

Di-n-octyl phthalate

Concen: 42.156 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

ClientSampleId :

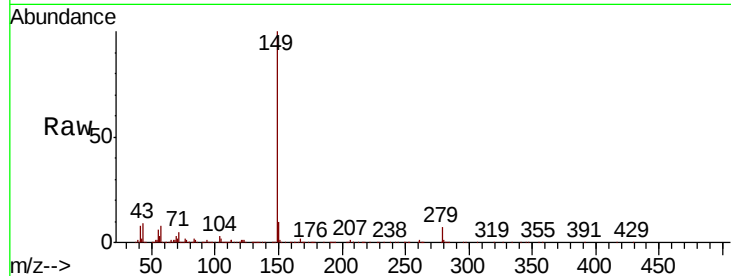
Tot Ion:149 Resp: 801688

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 8.8 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

22.79

400000

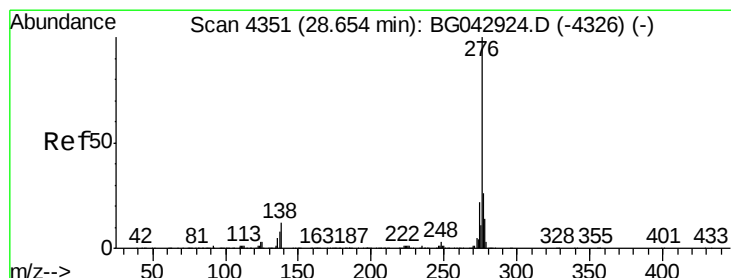
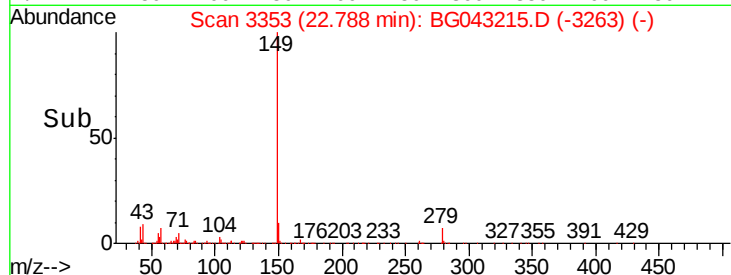
300000

200000

100000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.802 ng

RT: 28.60 min Scan# 4343

Delta R.T. 0.02 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

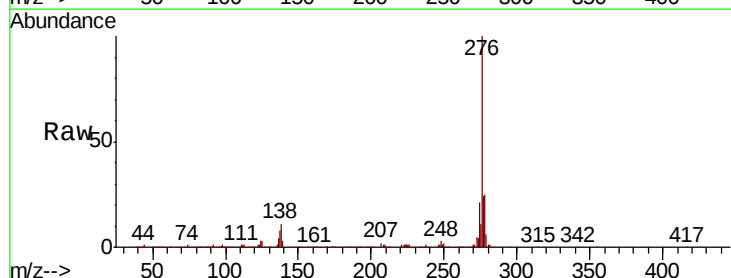
Tgt Ion:276 Resp: 1135173

Ion Ratio Lower Upper

276 100

138 14.2 7.0 10.6#

277 0.0 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

28.60

200000

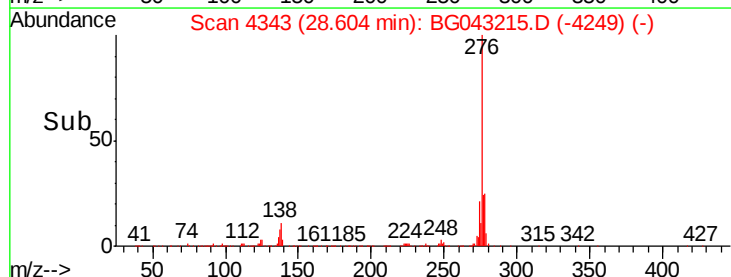
150000

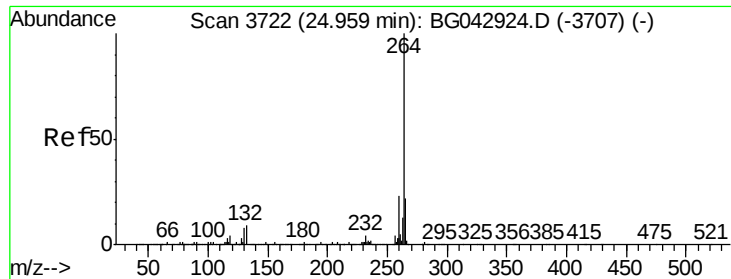
100000

50000

0

Time-->

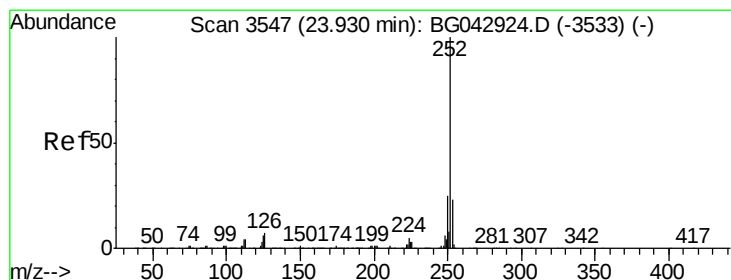
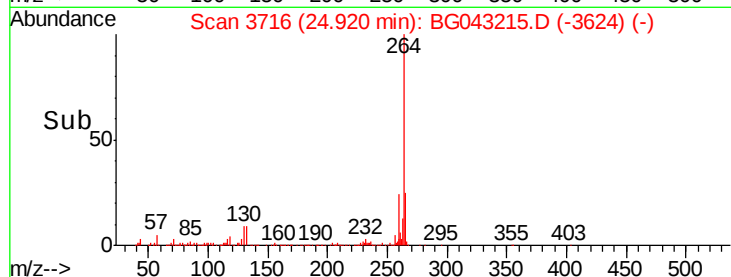
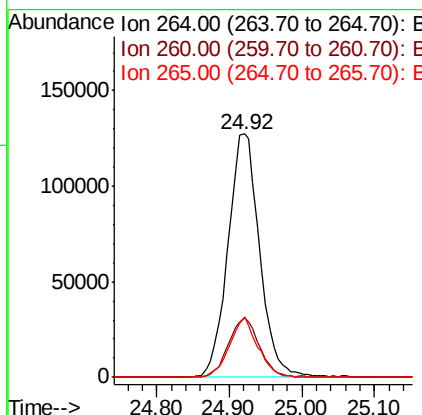
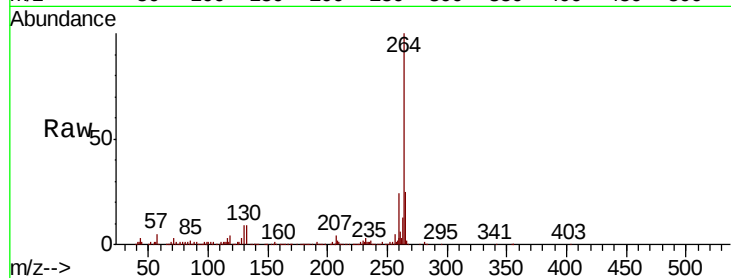




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. 0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

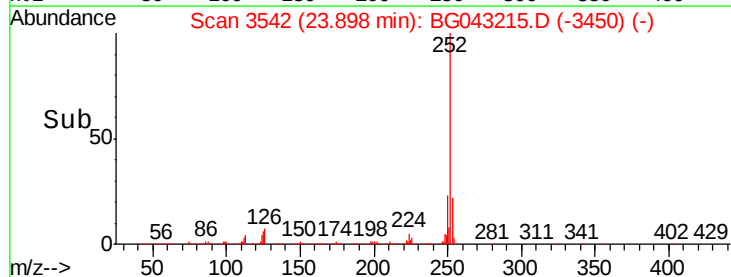
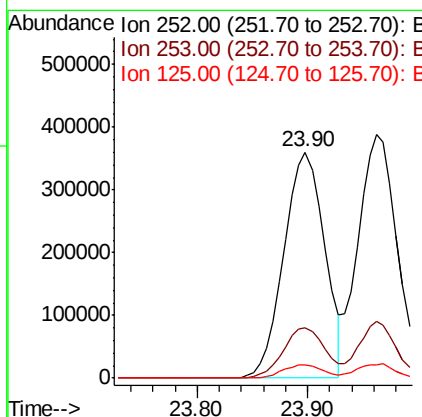
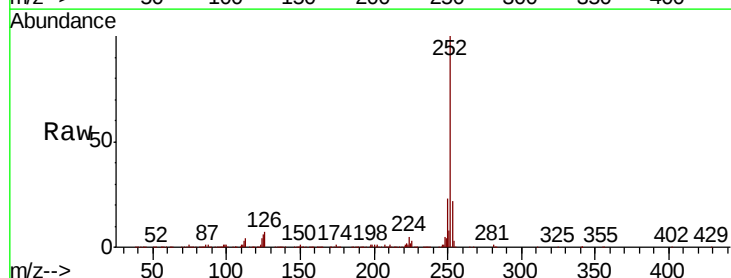
Instrument :
BNA_G
ClientSampleId :

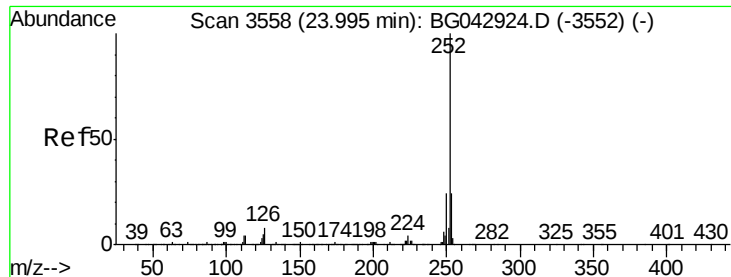
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	24.8	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 41.779 ng
RT: 23.90 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	5.6	4.6	7.0

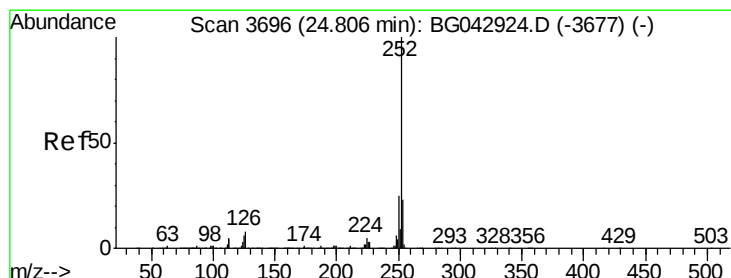
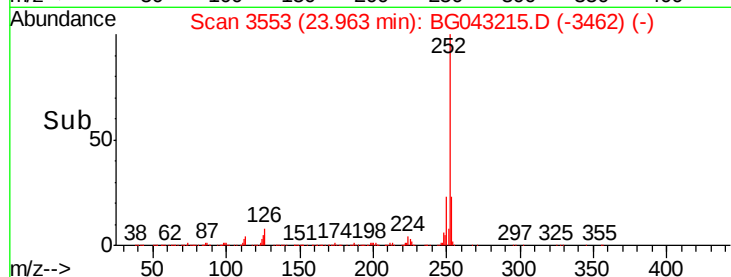
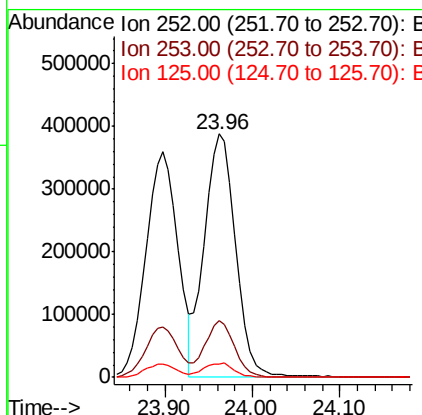
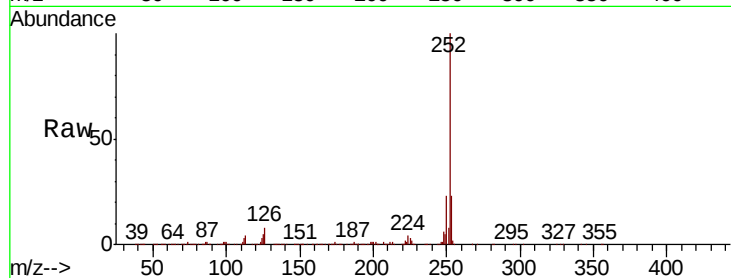




#89
Benzo(k)fluoranthene
Concen: 44.477 ng
RT: 23.96 min Scan# 3553
Delta R.T. 0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

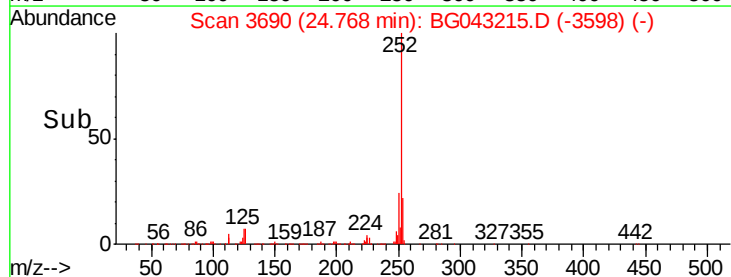
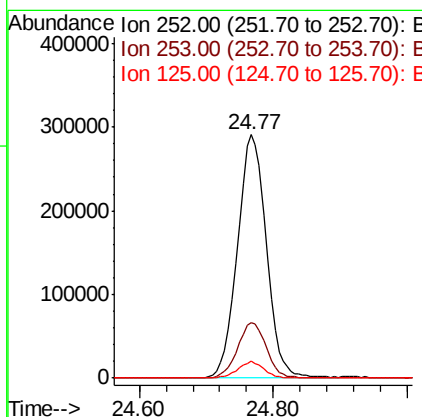
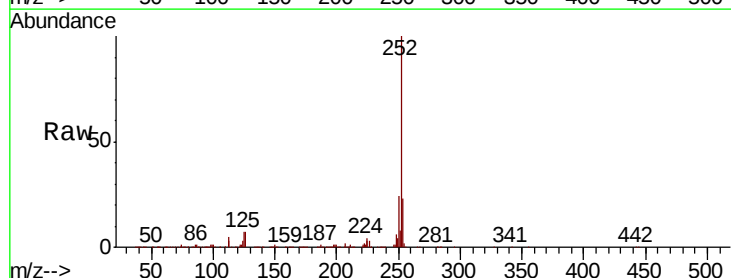
Instrument :
BNA_G
ClientSampleId :

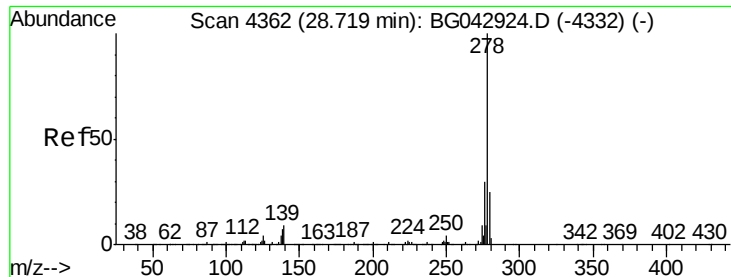
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.9	28.3
125	5.4	4.5	6.7



#90
Benzo(a)pyrene
Concen: 42.155 ng
RT: 24.77 min Scan# 3690
Delta R.T. 0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	6.8	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 45.222 ng

RT: 28.66 min Scan# 4352

Delta R.T. 0.02 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

ClientSampleId :

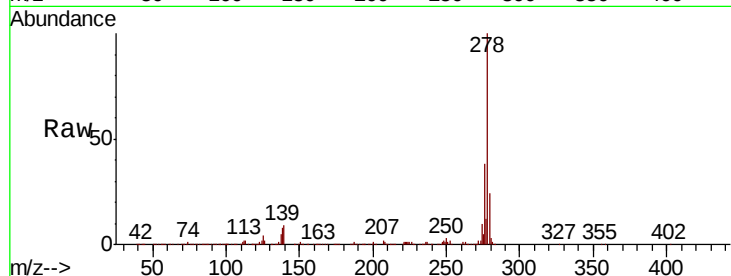
Tot Ion:278 Resp: 957441

Ion Ratio Lower Upper

278 100

139 8.6 6.8 10.2

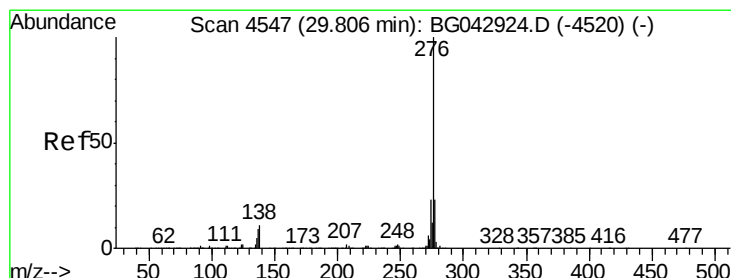
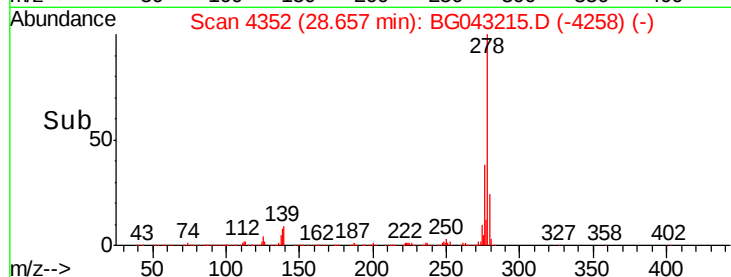
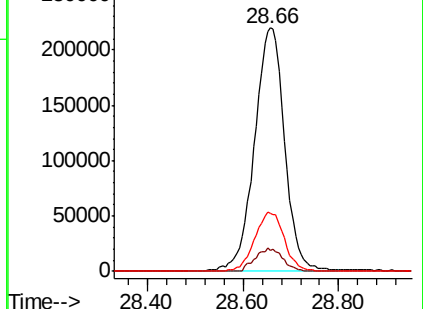
279 23.8 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.221 ng

RT: 29.74 min Scan# 4536

Delta R.T. 0.02 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

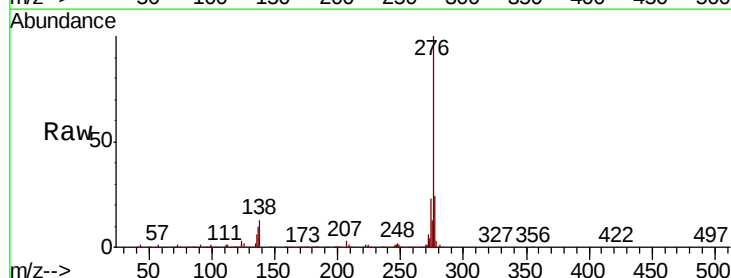
Tgt Ion:276 Resp: 948161

Ion Ratio Lower Upper

276 100

277 23.7 18.4 27.6

138 12.5 8.6 12.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

