

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043238.D
 Acq On : 16 Oct 2019 5:34
 Operator : JU
 Sample : K5148-08MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 16 08:15:15 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	58347	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	217652	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	145929	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	317266	20.00	ng	0.00
76) Chrysene-d12	21.70	240	346463	20.00	ng	0.01
87) Perylene-d12	24.93	264	410159	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	413028	126.33	ng	0.00
7) Phenol-d6	7.24	99	576885	122.53	ng	0.00
23) Nitrobenzene-d5	9.22	82	365547	81.63	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	351379	140.03	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	954926	94.86	ng	0.00
79) Terphenyl-d14	20.03	244	1617705	99.50	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	39986	29.334	ng	# 43
3) Pyridine	3.95	79	92307	24.076	ng	85
4) n-Nitrosodimethylamine	3.85	42	63535	34.461	ng	# 78
6) Aniline	7.38	93	105961	18.644	ng	99
8) 2-Chlorophenol	7.63	128	153469	45.011	ng	98
9) Benzaldehyde	7.19	77	68900	23.948	ng	93
10) Phenol	7.26	94	182967	42.357	ng	91
11) bis(2-Chloroethyl)ether	7.47	93	128429	38.427	ng	94
12) 1,3-Dichlorobenzene	7.95	146	159788	36.737	ng	99
13) 1,4-Dichlorobenzene	8.09	146	164108	37.848	ng	97
14) 1,2-Dichlorobenzene	8.41	146	160716	38.933	ng	97
15) Benzyl Alcohol	8.30	79	134131	37.893	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	179332	27.940	ng	94
17) 2-Methylphenol	8.50	107	128529	42.524	ng	96
18) Hexachloroethane	9.14	117	55966	34.272	ng	99
19) n-Nitroso-di-n-propylamine	8.86	70	112432	36.368	ng	91
20) 3+4-Methylphenols	8.83	107	174114	42.036	ng	98
22) Acetophenone	8.87	105	224066	39.938	ng	# 95
24) Nitrobenzene	9.26	77	174693	40.899	ng	91
25) Isophorone	9.78	82	324168	41.213	ng	97
26) 2-Nitrophenol	9.97	139	91273	50.197	ng	91
27) 2,4-Dimethylphenol	10.03	122	138091	49.453	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	178387	39.973	ng	99
29) 2,4-Dichlorophenol	10.51	162	167709	48.291	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	182913	40.785	ng	98
31) Naphthalene	10.91	128	476999	44.520	ng	99
32) Benzoic acid	10.20	122	70894	34.823	ng	95
33) 4-Chloroaniline	11.03	127	42612	9.165	ng	95
34) Hexachlorobutadiene	11.20	225	130374	38.825	ng	96
35) Caprolactam	11.80	113	30931	25.256	ng	# 77
36) 4-Chloro-3-methylphenol	12.15	107	177962	47.130	ng	98
37) 2-Methylnaphthalene	12.51	142	361955	44.283	ng	95
38) 1-Methylnaphthalene	12.73	142	343188	44.373	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	239417	43.635	ng	99

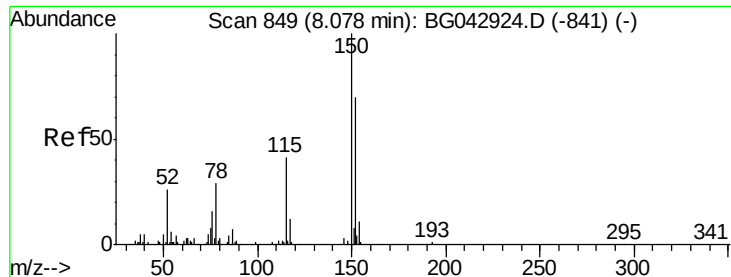
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
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 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	135973	38.894	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	155220	48.333	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	162289	49.055	ng	95
46) 1,1'-Biphenyl	13.52	154	491158	44.383	ng	98
47) 2-Chloronaphthalene	13.56	162	381022	45.923	ng	98
48) 2-Nitroaniline	13.76	65	114553	41.517	ng	89
49) Acenaphthylene	14.40	152	609102	47.977	ng	99
50) Dimethylphthalate	14.13	163	482075	44.090	ng	98
51) 2,6-Dinitrotoluene	14.25	165	110453	47.436	ng	92
52) Acenaphthene	14.74	154	364776	42.926	ng	98
53) 3-Nitroaniline	14.59	138	70713	29.386	ng	95
54) 2,4-Dinitrophenol	14.79	184	50235	34.709	ng	92
55) Dibenzofuran	15.08	168	585063	46.542	ng	99
56) 4-Nitrophenol	14.90	139	163448	89.146	ng	91
57) 2,4-Dinitrotoluene	15.04	165	153211	44.933	ng	97
58) Fluorene	15.73	166	490044	45.660	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	157169	44.619	ng	91
60) Diethylphthalate	15.49	149	472973	42.505	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	281483	43.732	ng	99
62) 4-Nitroaniline	15.76	138	100330	38.230	ng	89
63) Azobenzene	16.01	77	409049	40.377	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	41840	23.305	ng	88
66) n-Nitrosodiphenylamine	15.93	169	428328	51.141	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	194298	48.794	ng	93
68) Hexachlorobenzene	16.74	284	216581	48.849	ng	96
69) Atrazine	16.88	200	151849	43.055	ng	98
70) Pentachlorophenol	17.08	266	250268	97.824	ng	97
71) Phenanthrene	17.46	178	748010	48.293	ng	98
72) Anthracene	17.56	178	762184	49.291	ng	100
73) Carbazole	17.83	167	691229	48.206	ng	97
74) Di-n-butylphthalate	18.38	149	791570	46.268	ng	99
75) Fluoranthene	19.47	202	939050	45.836	ng	99
77) Benzidine	19.66	184	138689	15.987	ng	98
78) Pyrene	19.84	202	964841	46.658	ng	99
80) Butylbenzylphthalate	20.72	149	371295	47.303	ng	93
81) Benzo(a)anthracene	21.68	228	994473	46.066	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	342158	40.411	ng	97
83) Chrysene	21.75	228	971999	46.397	ng	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	530041	47.456	ng	96
85) Di-n-octyl phthalate	22.79	149	905692	49.590	ng	# 95
86) Indeno(1,2,3-cd)pyrene	28.60	276	1163075	44.596	ng	# 97
88) Benzo(b)fluoranthene	23.90	252	1029558	44.362	ng	99
89) Benzo(k)fluoranthene	23.97	252	1090240	47.486	ng	98
90) Benzo(a)pyrene	24.78	252	1042659	47.619	ng	100
91) Dibenzo(a,h)anthracene	28.67	278	1000091	44.543	ng	99
92) Benzo(g,h,i)perylene	29.76	276	870865	40.031	ng	99

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

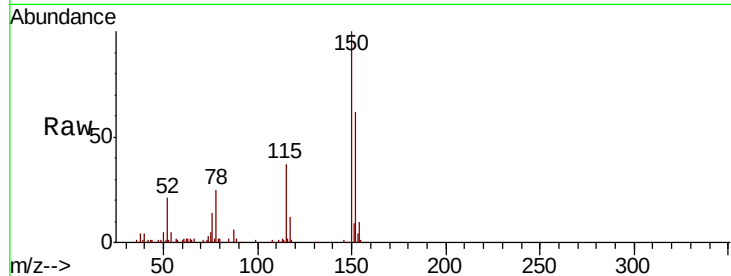


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	115.0	172.4
115	59.5	47.0	70.6

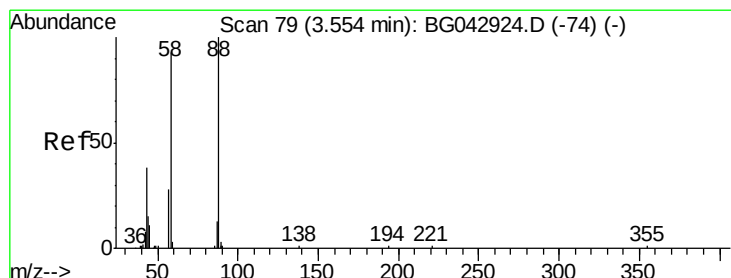
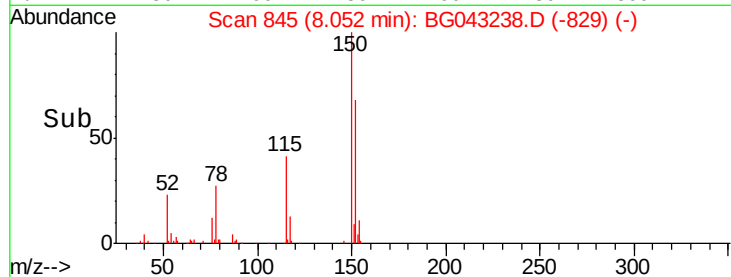
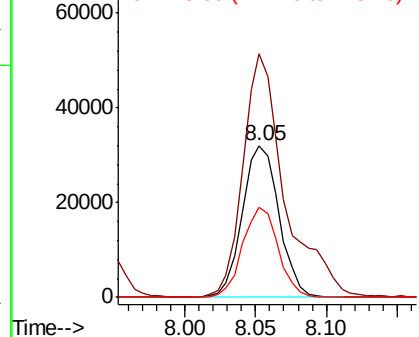


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

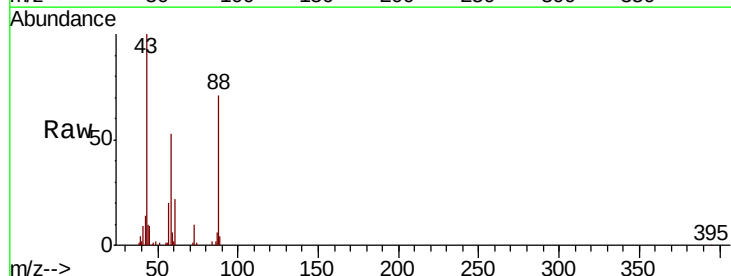
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.334 ng
RT: 3.54 min Scan# 77
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.0	74.3	111.5
43	133.9	29.8	44.8#

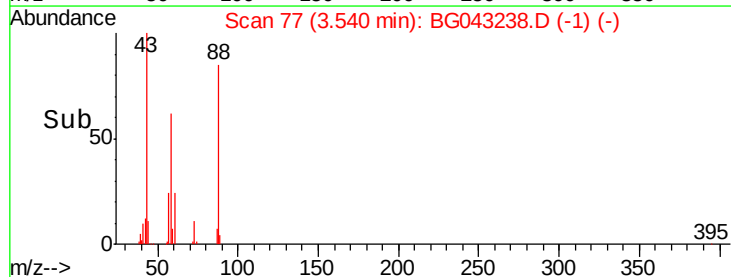
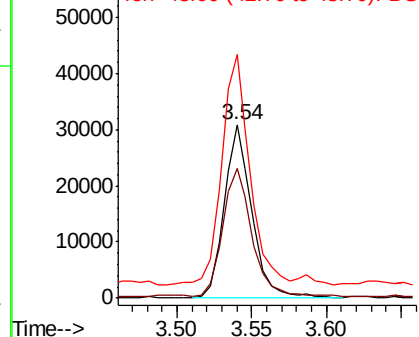


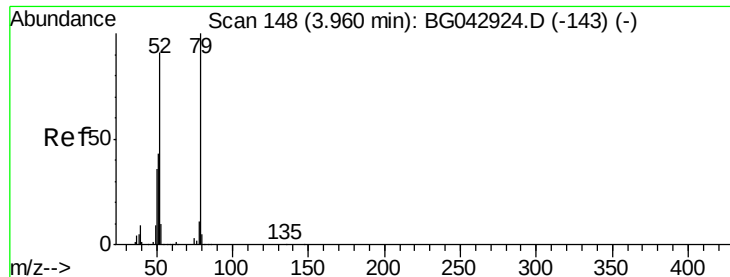
Abundance

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: 24.076 ng

RT: 3.95 min Scan# 146

Delta R.T. 0.01 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampleId :

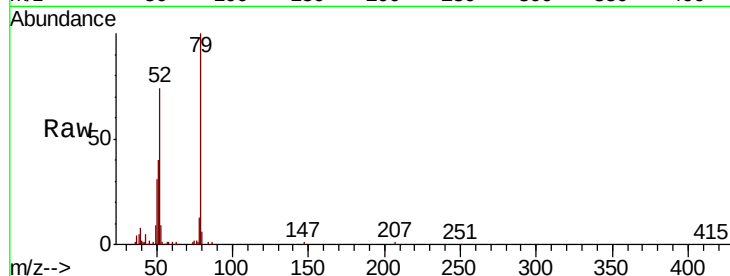
Tot Ion: 79 Resp: 92307

Ion Ratio Lower Upper

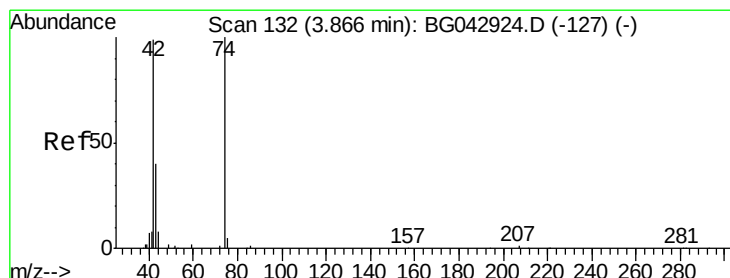
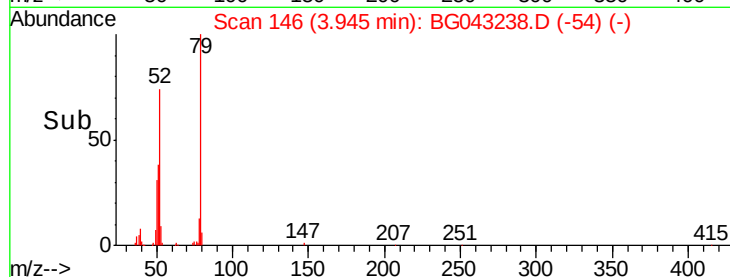
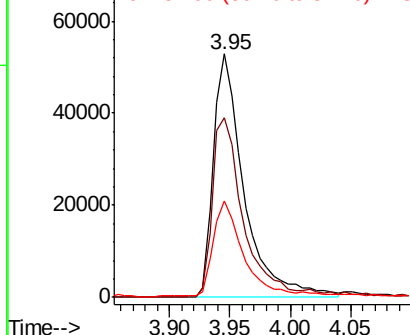
79 100

52 73.7 73.0 109.4

51 39.6 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: 34.461 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

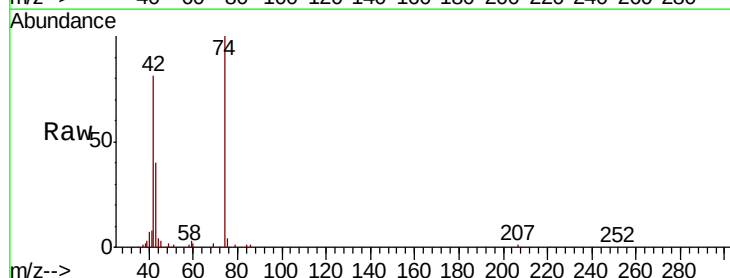
Tgt Ion: 42 Resp: 63535

Ion Ratio Lower Upper

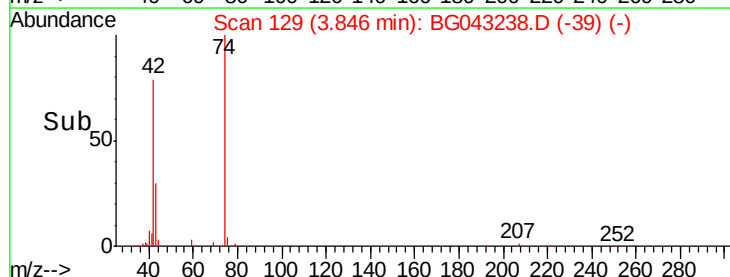
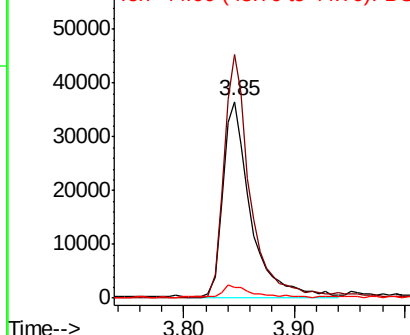
42 100

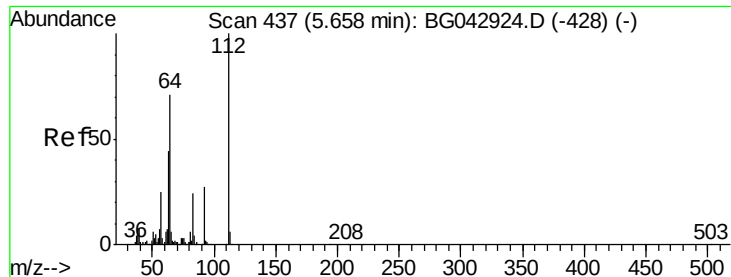
74 124.0 80.5 120.7#

44 5.3 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: 126.330 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampleId :

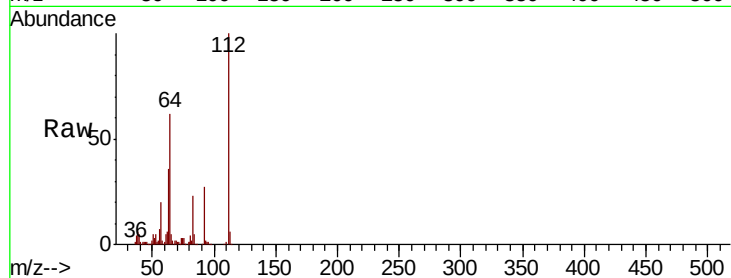
Tot Ion:112 Resp: 413028

Ion Ratio Lower Upper

112 100

64 62.4 56.6 84.8

63 36.4 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

300000

250000

200000

150000

100000

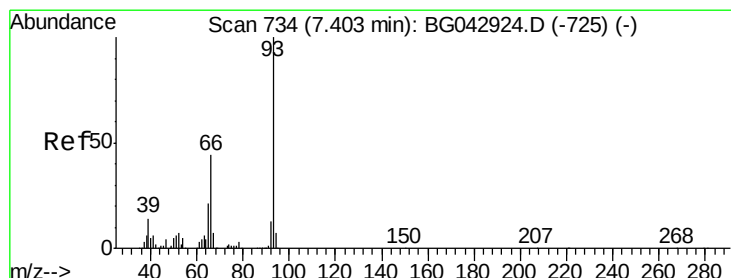
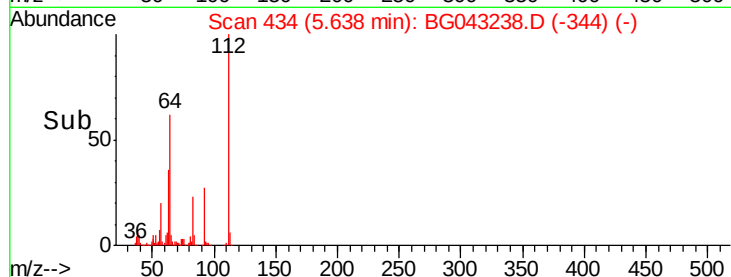
50000

0

5.60

5.70

Time-->



#6

Aniline

Concen: 18.644 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

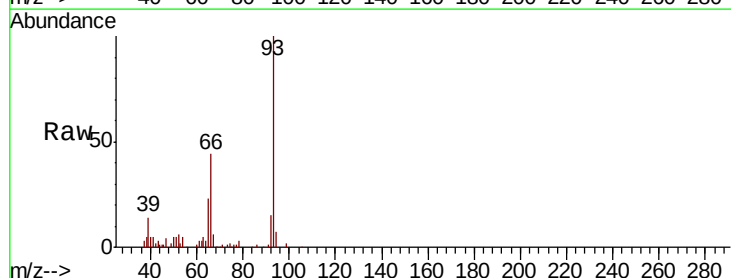
Tgt Ion: 93 Resp: 105961

Ion Ratio Lower Upper

93 100

66 43.5 35.0 52.6

65 22.5 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

100000

80000

60000

40000

20000

0

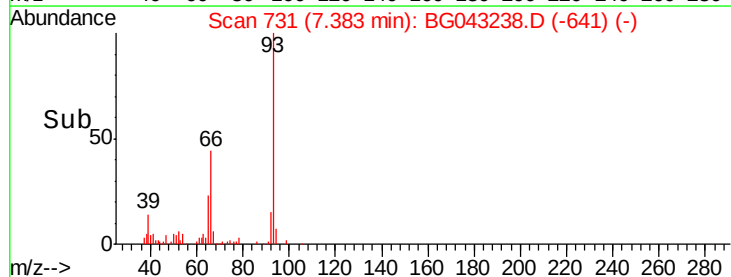
7.30

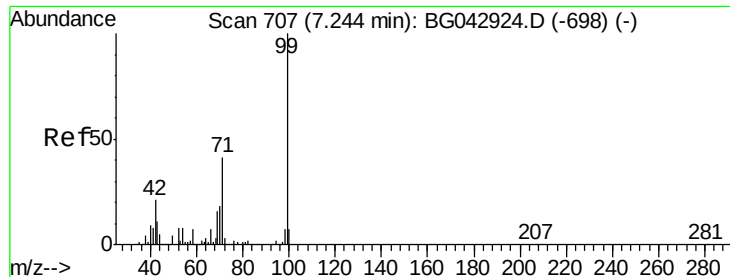
7.35

7.40

7.45

Time-->





#7

Phenol-d6

Concen: 122.528 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampleId :

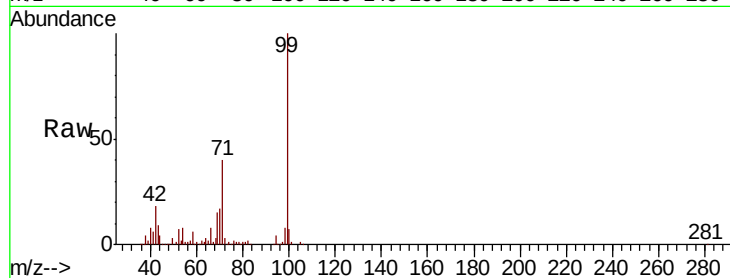
Tot Ion: 99 Resp: 576885

Ion Ratio Lower Upper

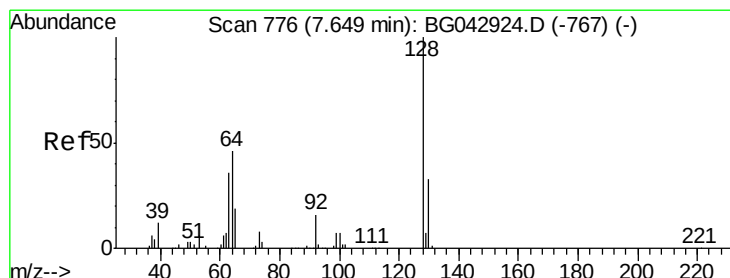
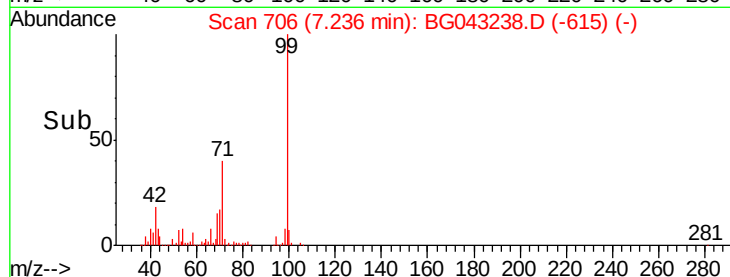
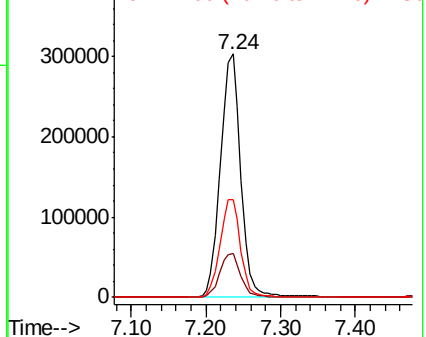
99 100

42 18.0 17.2 25.8

71 40.1 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: 45.011 ng

RT: 7.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

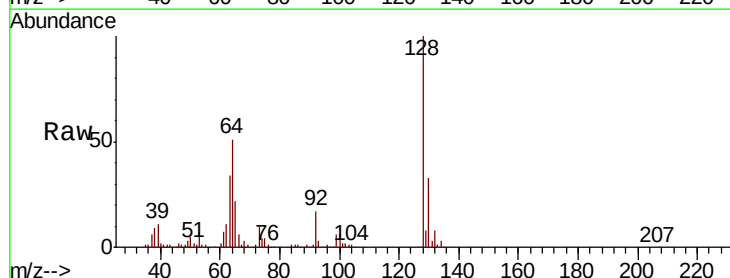
Tgt Ion:128 Resp: 153469

Ion Ratio Lower Upper

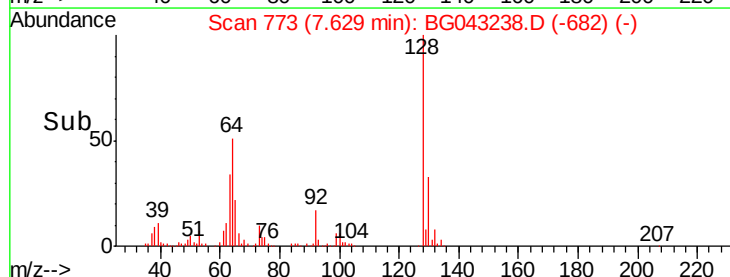
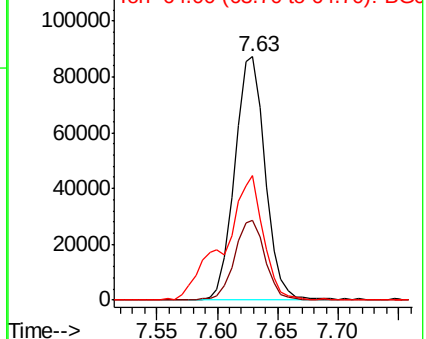
128 100

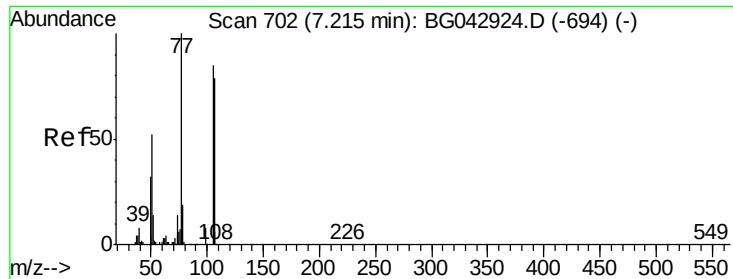
130 32.9 12.5 52.5

64 51.0 32.8 72.8



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





#9

Benzaldehyde

Concen: 23.948 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampleId :

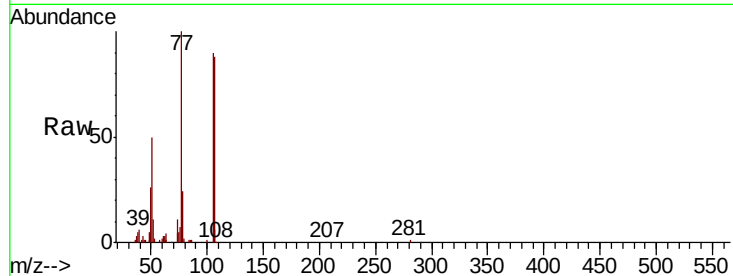
Tot Ion: 77 Resp: 68900

Ion Ratio Lower Upper

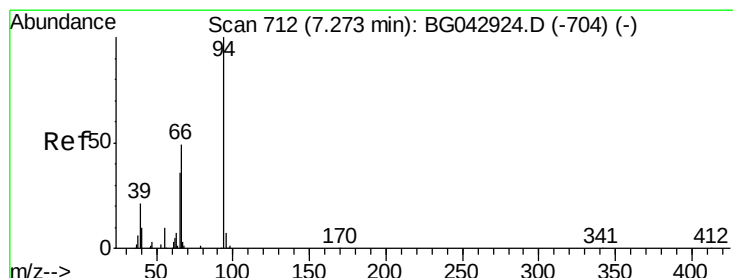
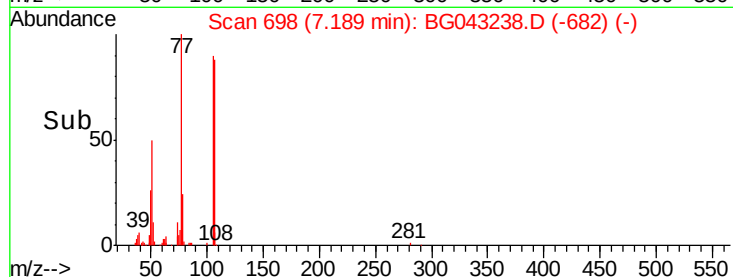
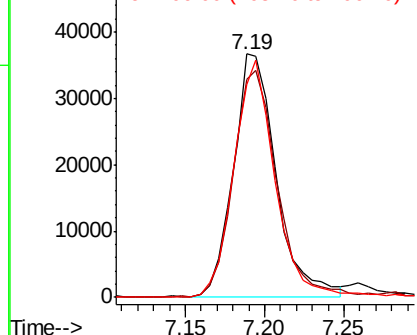
77 100

105 89.6 64.6 104.6

106 87.6 59.4 99.4



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



#10

Phenol

Concen: 42.357 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

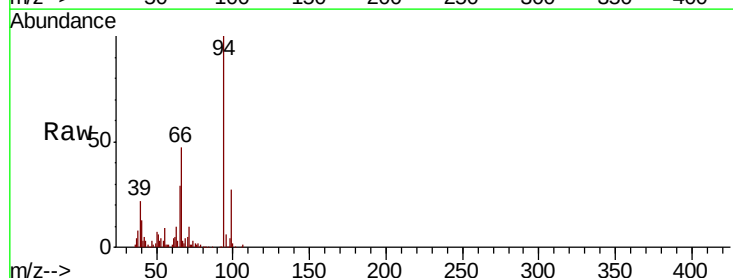
Tgt Ion: 94 Resp: 182967

Ion Ratio Lower Upper

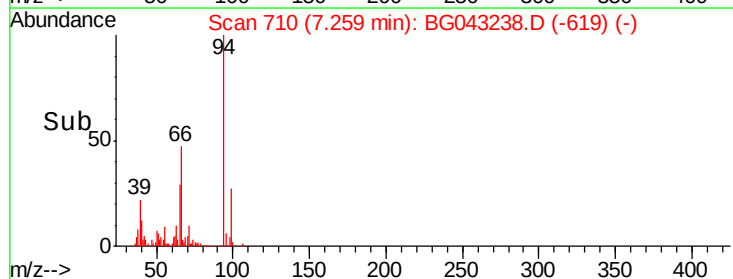
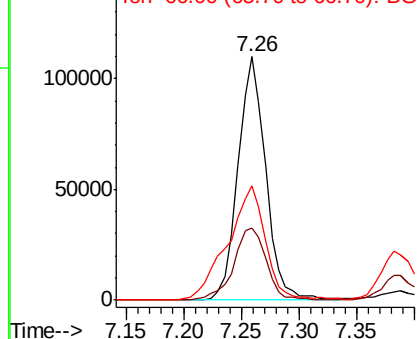
94 100

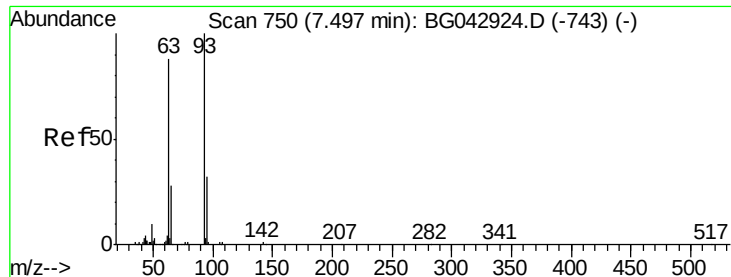
65 29.5 16.6 56.6

66 47.2 32.4 72.4



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





#11

bis(2-Chloroethyl)ether

Concen: 38.427 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampled :

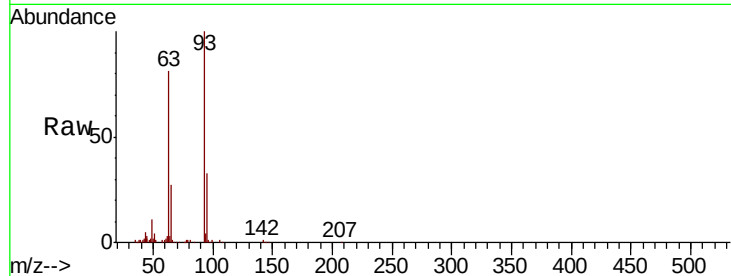
Tot Ion: 93 Resp: 128429

Ion Ratio Lower Upper

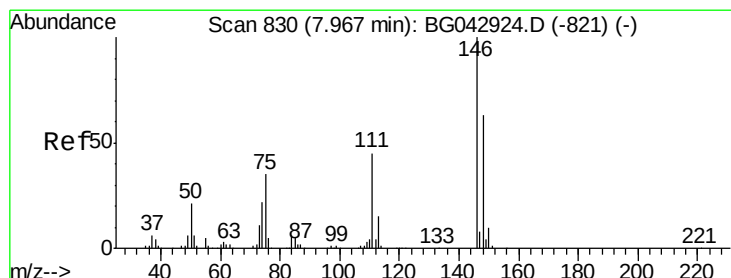
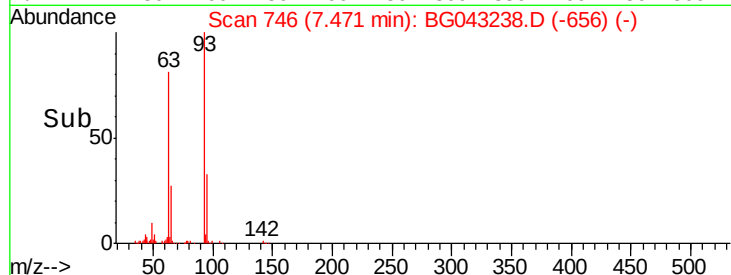
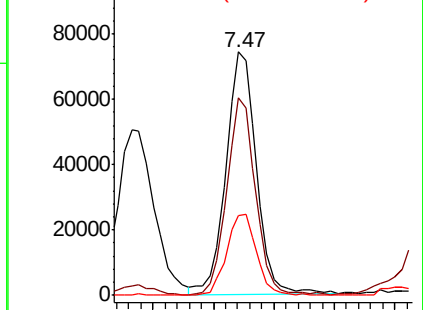
93 100

63 80.9 67.4 107.4

95 32.8 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 36.737 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

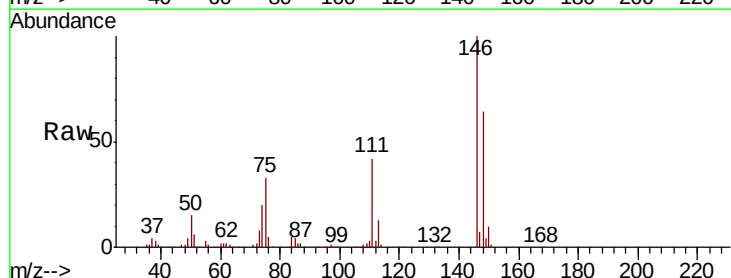
Tgt Ion: 146 Resp: 159788

Ion Ratio Lower Upper

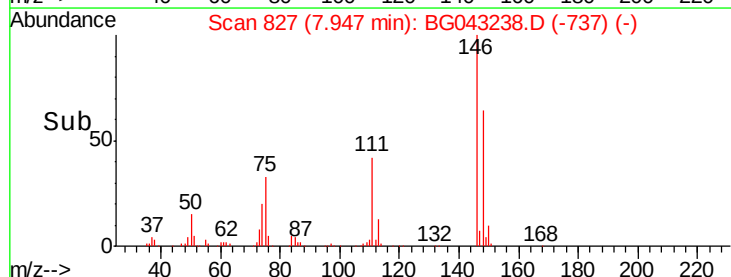
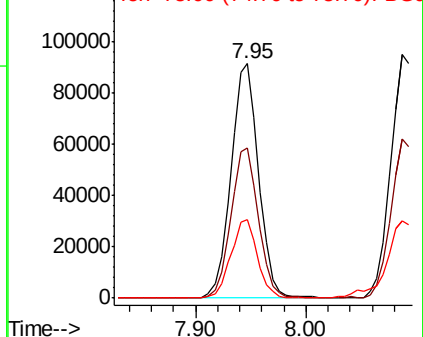
146 100

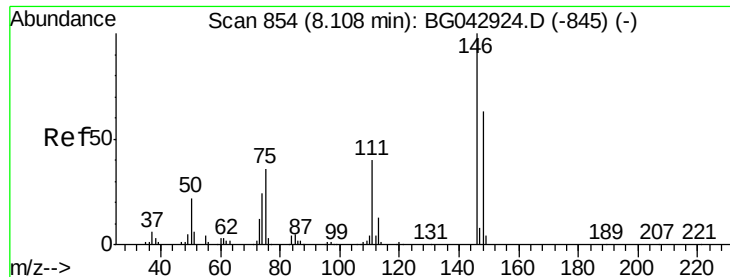
148 63.9 50.7 76.1

75 33.4 27.7 41.5



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

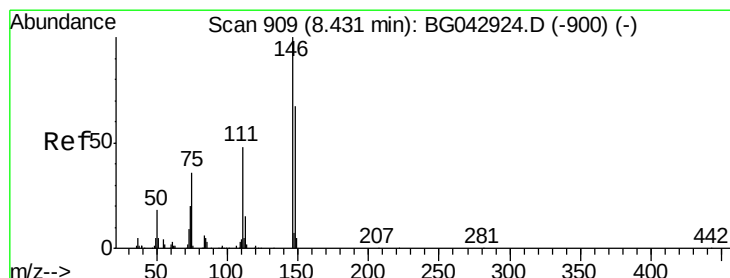
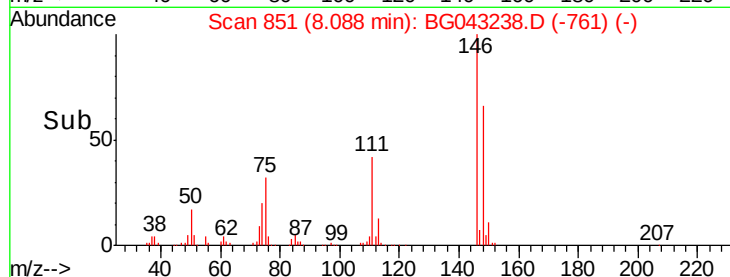
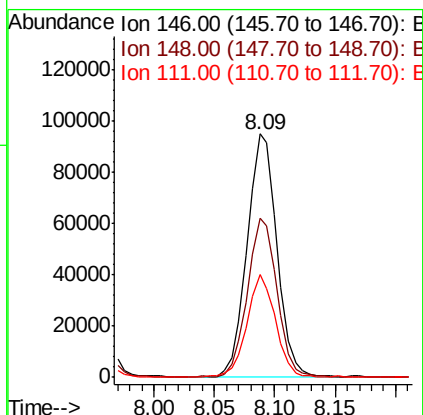
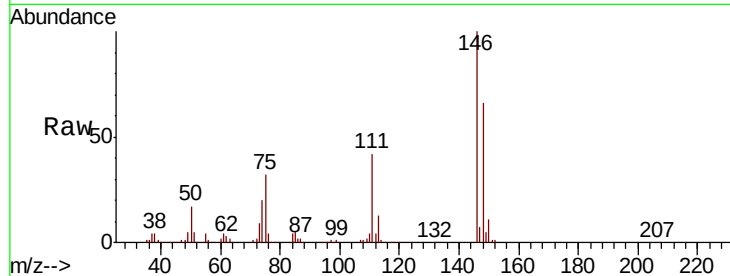




#13
 1,4-Dichlorobenzene
 Concen: 37.848 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

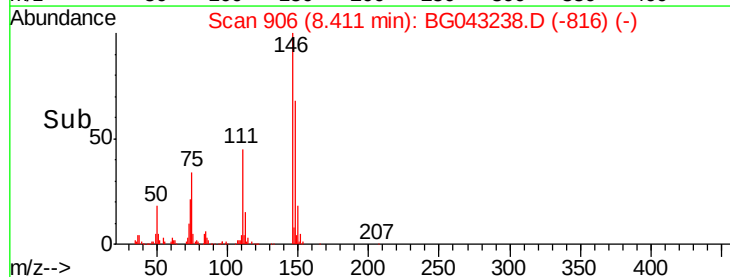
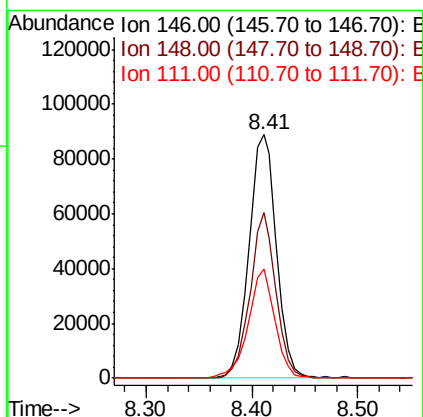
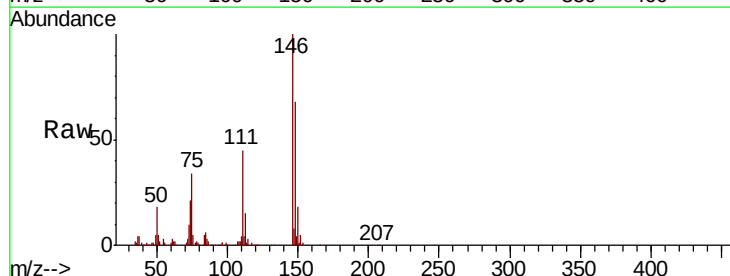
Instrument :
 BNA_G
 ClientSampleId :

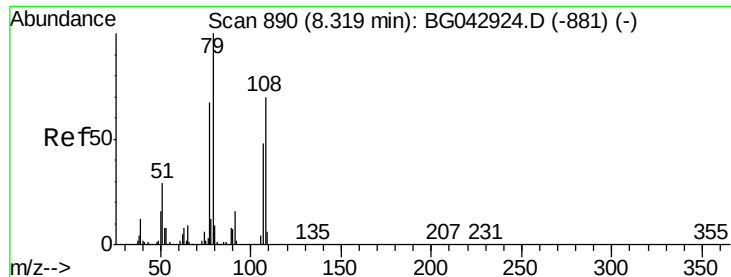
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.9	76.3
111	42.1	31.8	47.8



#14
 1,2-Dichlorobenzene
 Concen: 38.933 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.0	53.4	80.2
111	44.9	38.5	57.7





#15

Benzyl Alcohol

Concen: 37.893 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampleId :

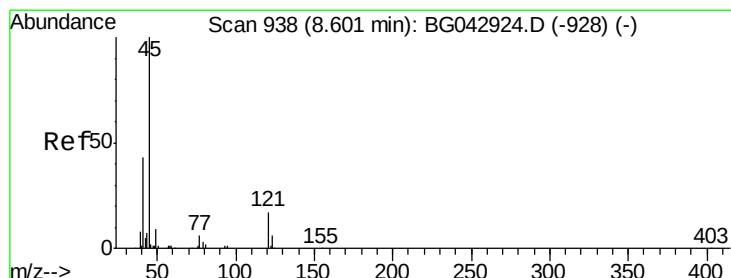
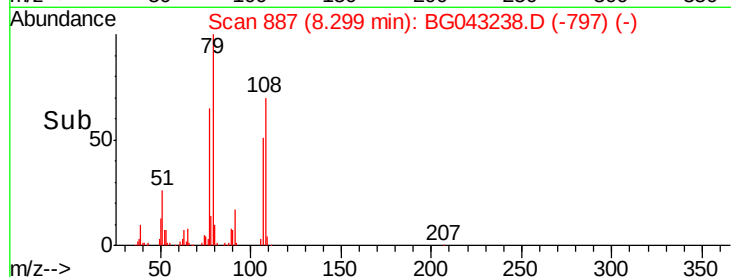
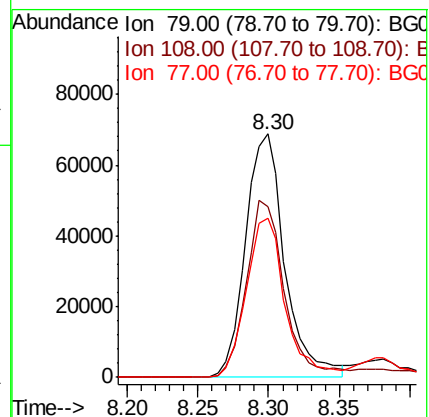
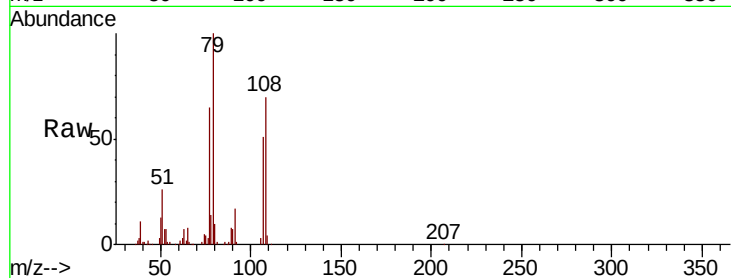
Tot Ion: 79 Resp: 134131

Ion Ratio Lower Upper

79 100

108 70.3 55.7 83.5

77 65.1 53.3 79.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.940 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

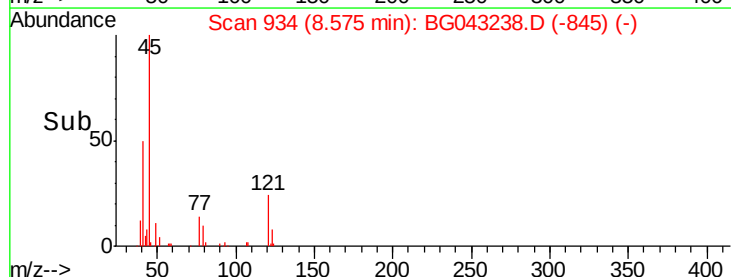
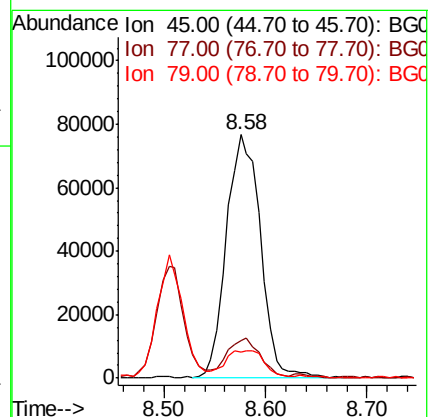
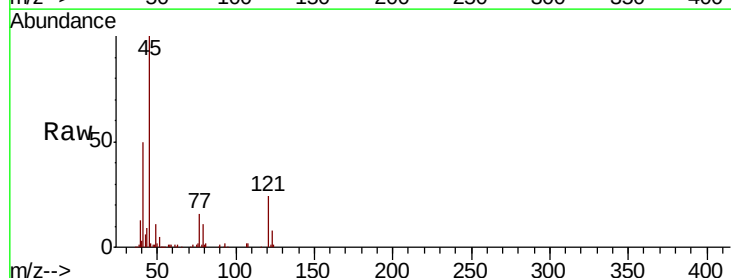
Tgt Ion: 45 Resp: 179332

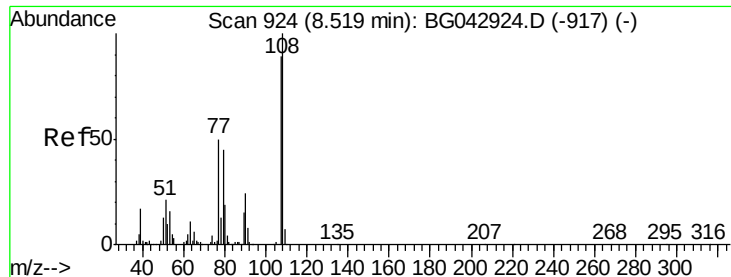
Ion Ratio Lower Upper

45 100

77 15.6 0.0 32.8

79 10.9 0.0 29.4

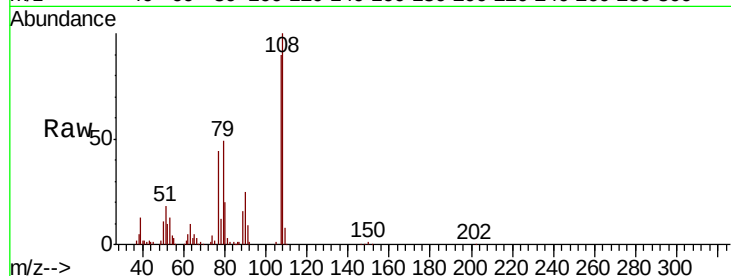




#17
2-Methylphenol
Concen: 42.524 ng
RT: 8.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	128529
Ion	Ratio	Lower	Upper
107	100		
108	110.8	89.9	134.9
77	49.1	45.4	68.2
79	54.3	41.4	62.0



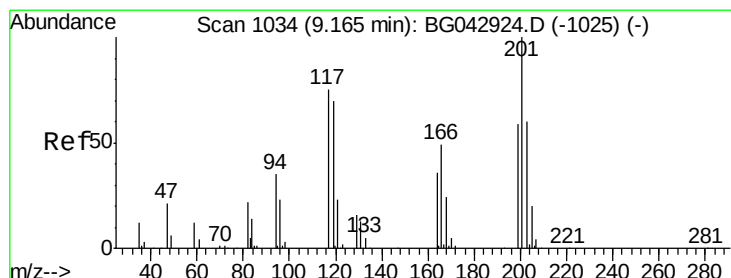
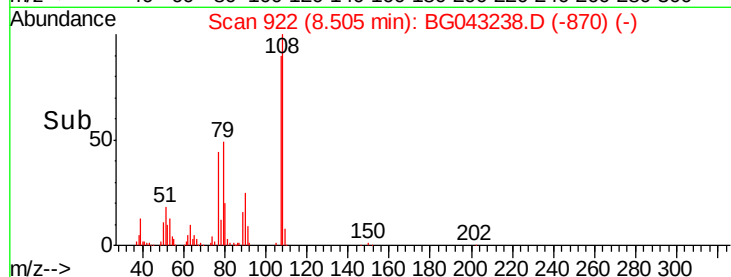
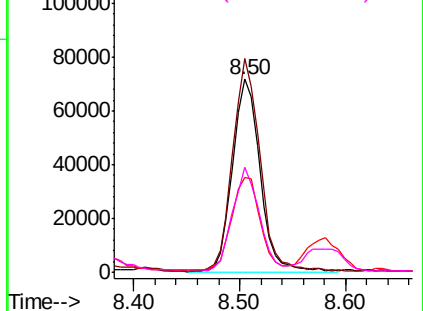
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

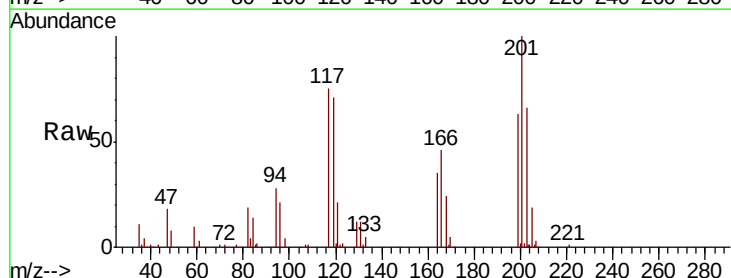
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 34.272 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion:	117	Resp:	55966
Ion	Ratio	Lower	Upper
117	100		
119	94.6	74.6	111.8
201	133.6	106.0	159.0

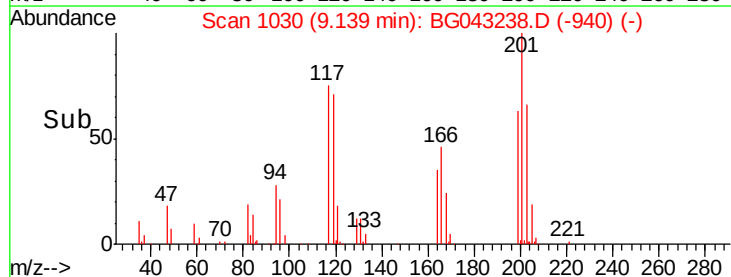
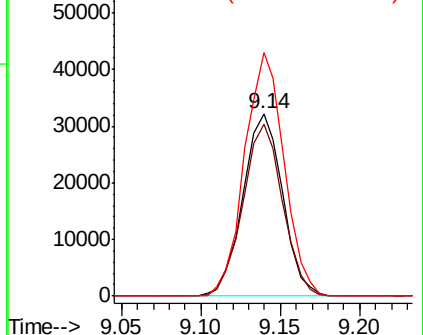


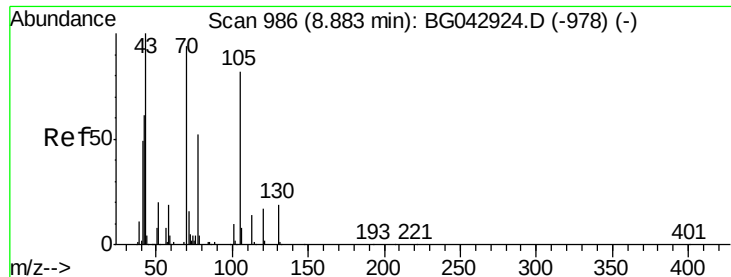
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

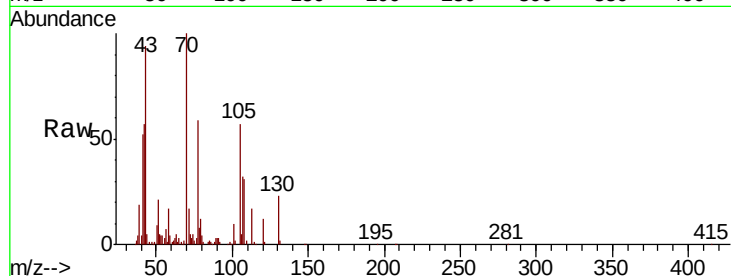




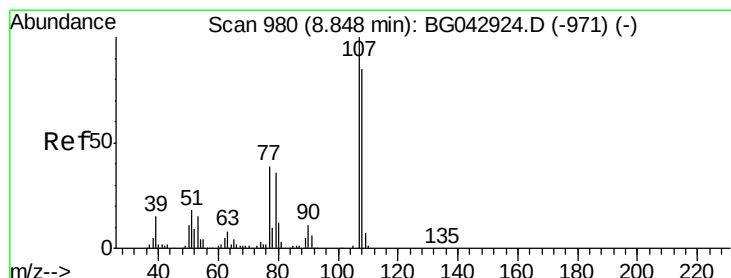
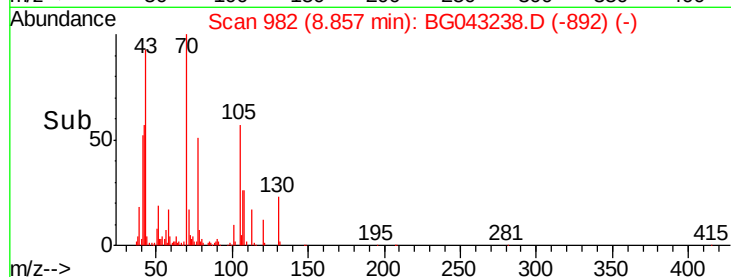
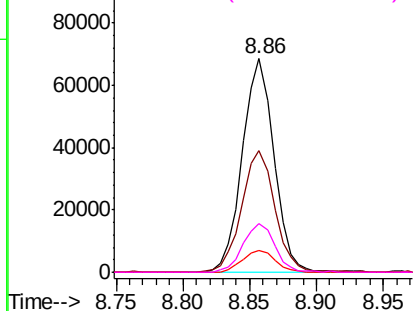
#19
n-Nitroso-di-n-propylamine
Concen: 36.368 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 112432
Ion Ratio Lower Upper
70 100
42 56.8 52.6 79.0
101 10.2 8.7 13.1
130 22.7 15.8 23.8

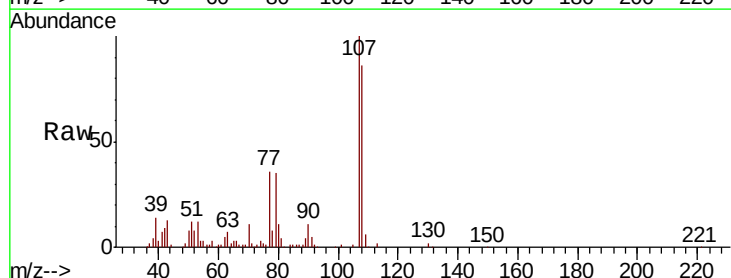


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

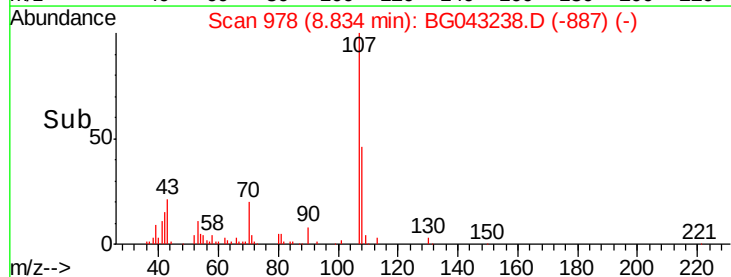
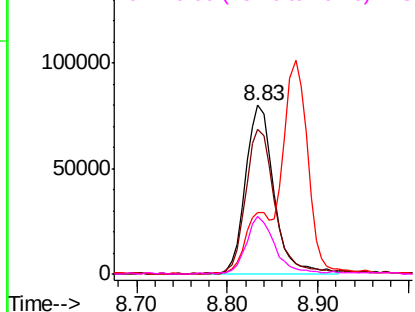


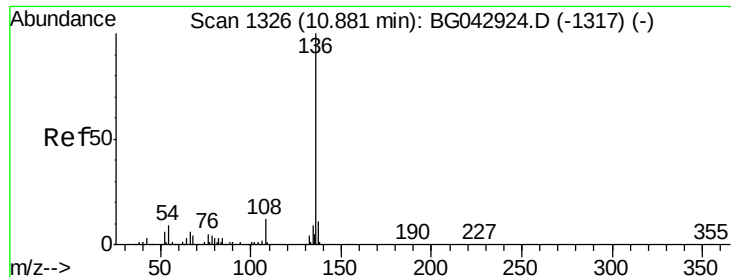
#20
3+4-Methylphenols
Concen: 42.036 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion: 107 Resp: 174114
Ion Ratio Lower Upper
107 100
108 86.1 64.9 104.9
77 36.5 19.4 59.4
79 34.6 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

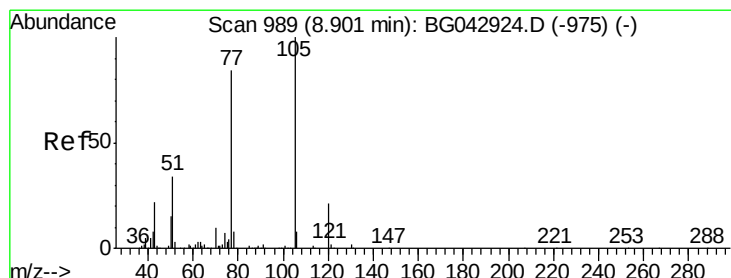
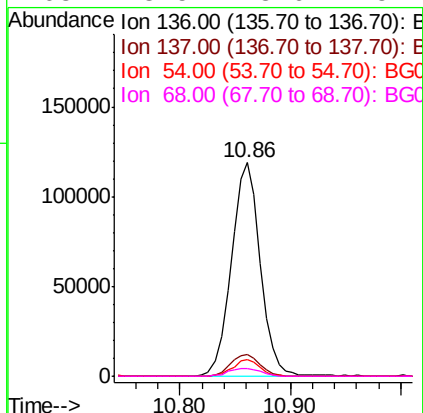
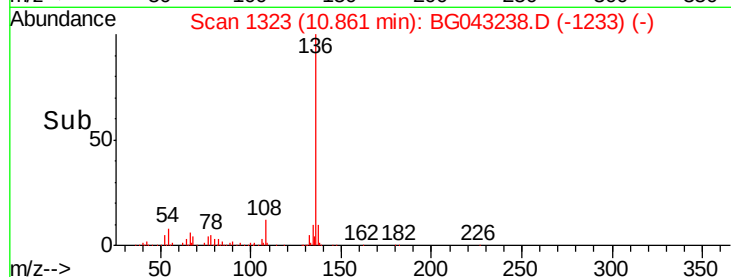
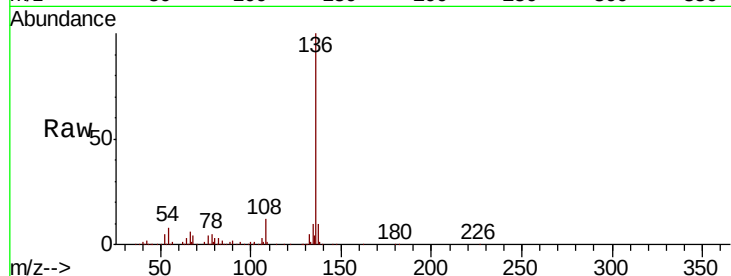




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

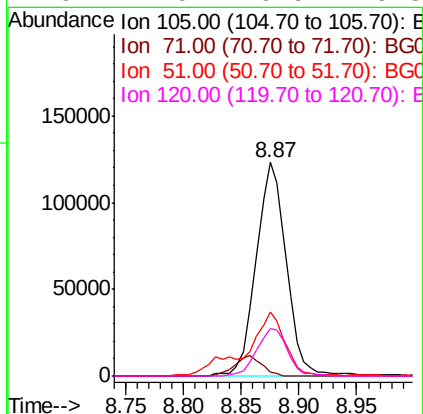
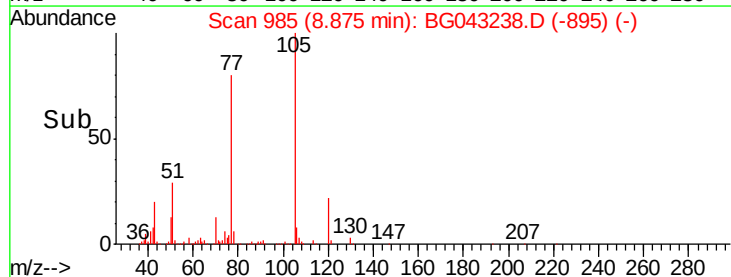
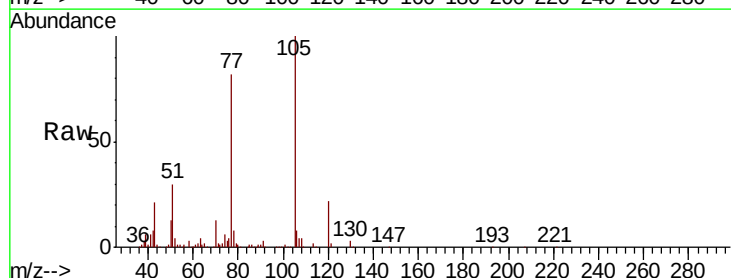
Instrument :
BNA_G
ClientSampleId :

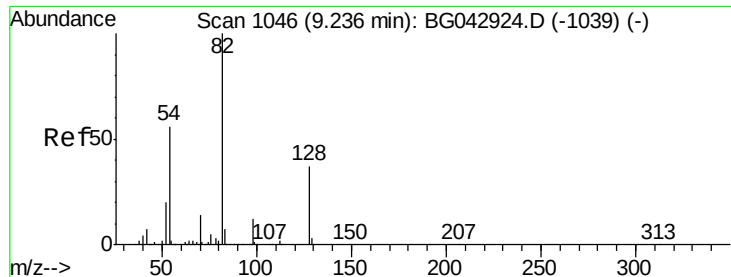
Tot Ion:136	Resp:	217652
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.5 12.7
54	7.7	7.4 11.2
68	3.5	3.6 5.4#



#22
Acetophenone
Concen: 39.938 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion:105	Resp:	224066
Ion Ratio	Lower	Upper
105	100	
71	2.1	1.2 1.8#
51	29.9	27.2 40.8
120	22.0	16.9 25.3

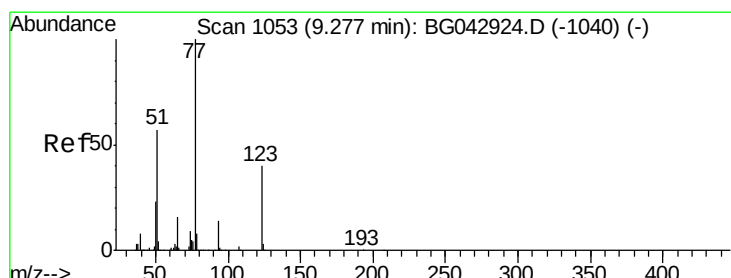
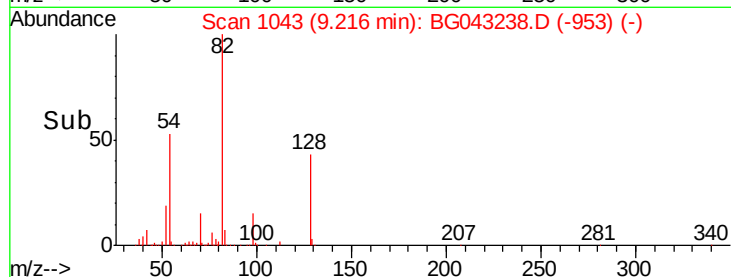
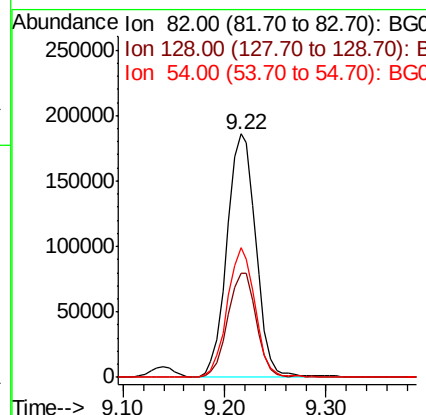
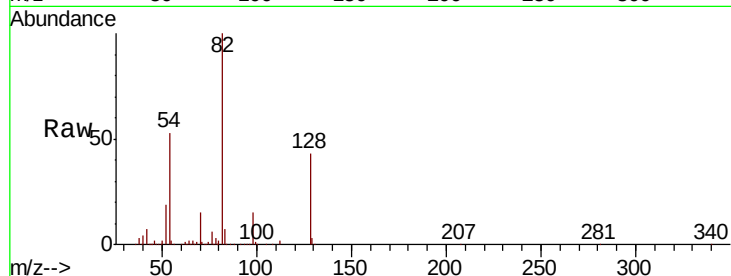




#23
 Nitrobenzene-d5
 Concen: 81.632 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

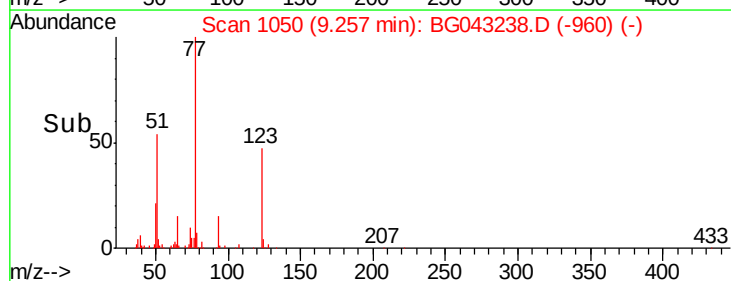
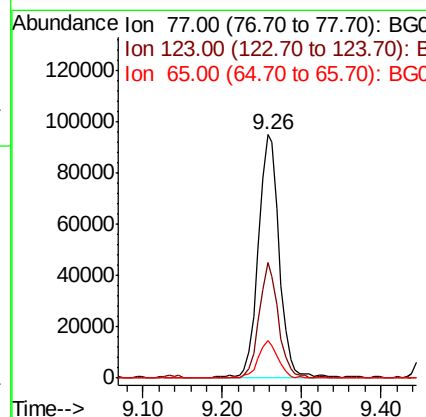
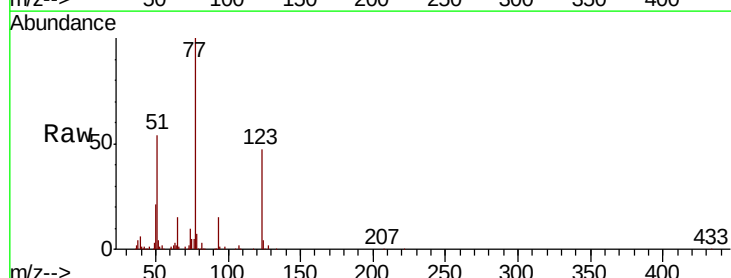
Instrument :
 BNA_G
 ClientSampleId :

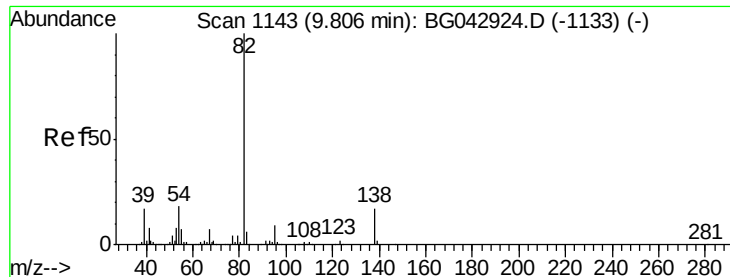
Tot Ion	82	Resp	365547
Ion Ratio	100	Lower	Upper
128	42.6	29.5	44.3
54	53.3	44.6	67.0



#24
 Nitrobenzene
 Concen: 40.899 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Tgt Ion	77	Resp	174693
Ion Ratio	100	Lower	Upper
123	47.3	31.9	47.9
65	15.2	12.4	18.6





#25

Isophorone

Concen: 41.213 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampleId :

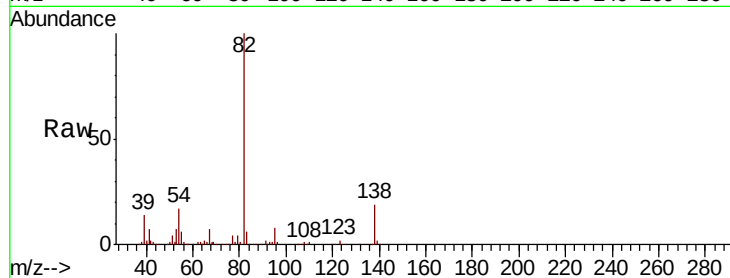
Tot Ion: 82 Resp: 324168

Ion Ratio Lower Upper

82 100

95 8.2 7.0 10.4

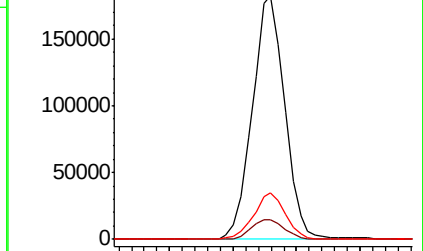
138 18.8 13.8 20.6



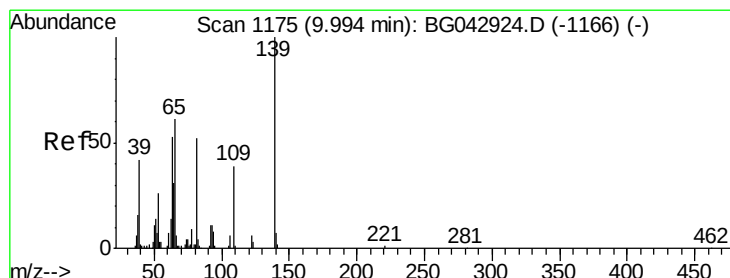
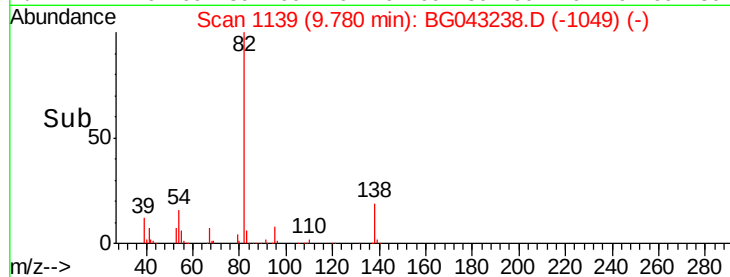
Abundance Ion 82.00 (81.70 to 82.70): BG043238.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BG043238.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BG043238.D (-1049) (-)



Time-->



#26

2-Nitrophenol

Concen: 50.197 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

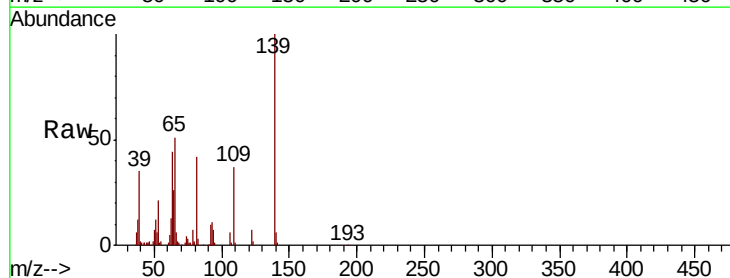
Tgt Ion: 139 Resp: 91273

Ion Ratio Lower Upper

139 100

109 36.5 31.0 46.6

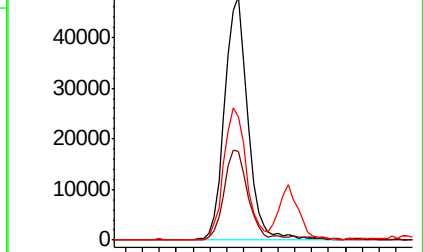
65 50.6 48.4 72.6



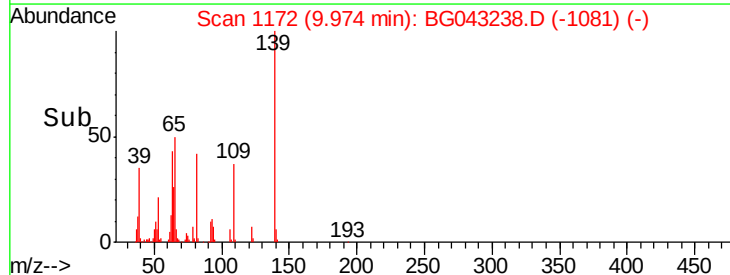
Abundance Ion 139.00 (138.70 to 139.70): BG043238.D (-1081) (-)

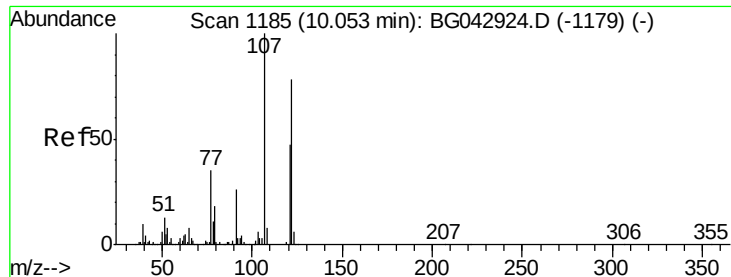
Ion 109.00 (108.70 to 109.70): BG043238.D (-1081) (-)

Ion 65.00 (64.70 to 65.70): BG043238.D (-1081) (-)



Time-->

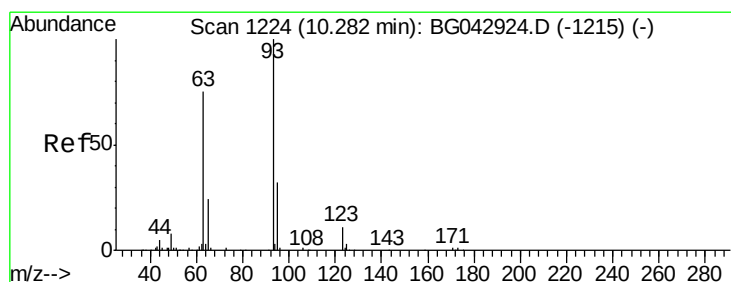
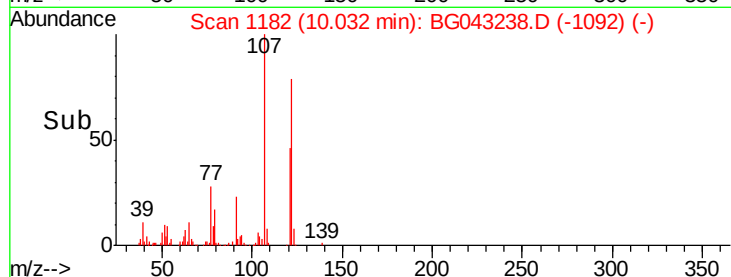
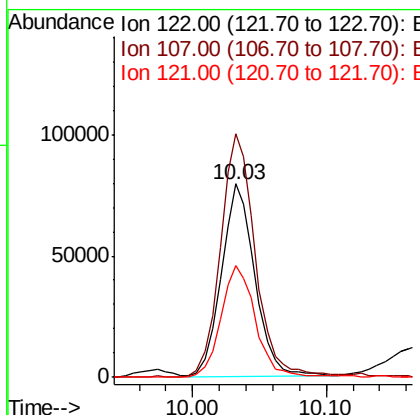
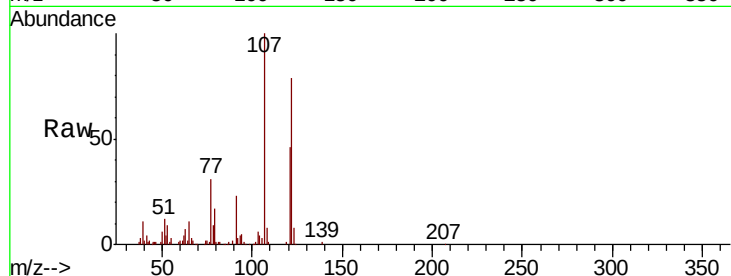




#27
2,4-Dimethylphenol
Concen: 49.453 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

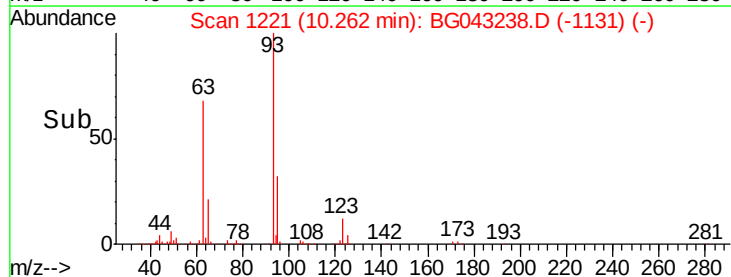
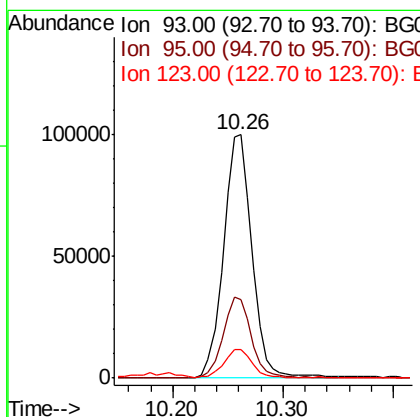
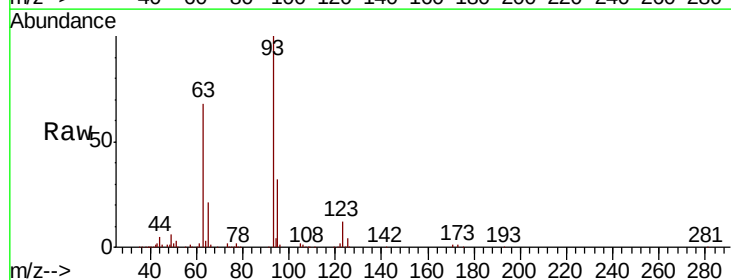
Instrument :
BNA_G
ClientSampleId :

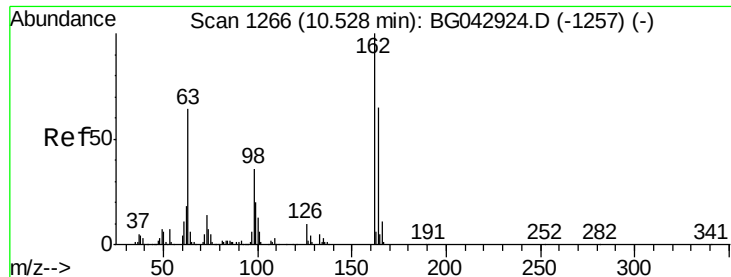
Tot Ion	Ratio	Lower	Upper
122	100		
107	125.9	102.2	153.2
121	57.7	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.973 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.4	38.0
123	11.6	9.3	13.9

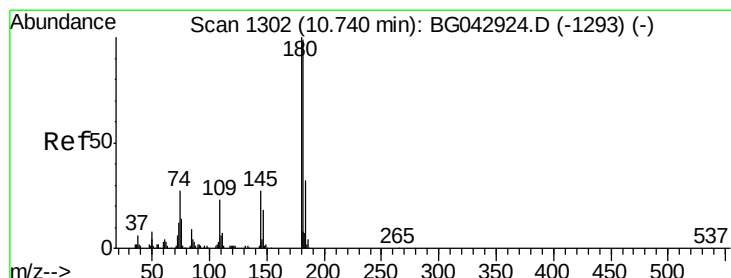
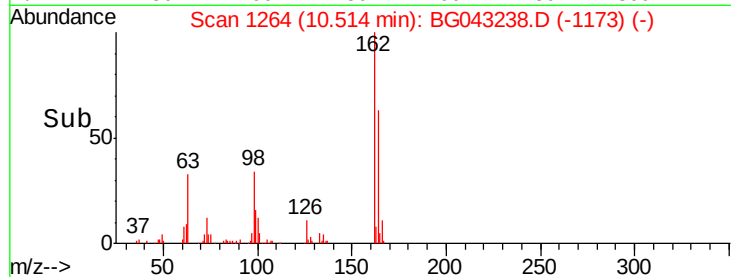
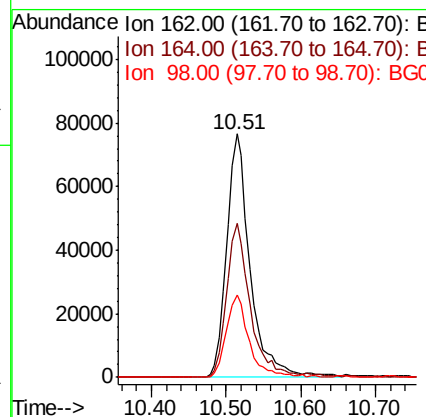
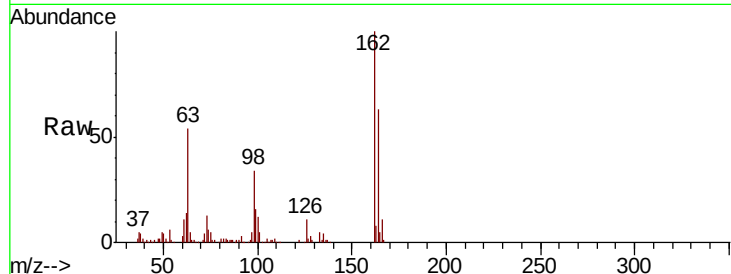




#29
 2,4-Dichlorophenol
 Concen: 48.291 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

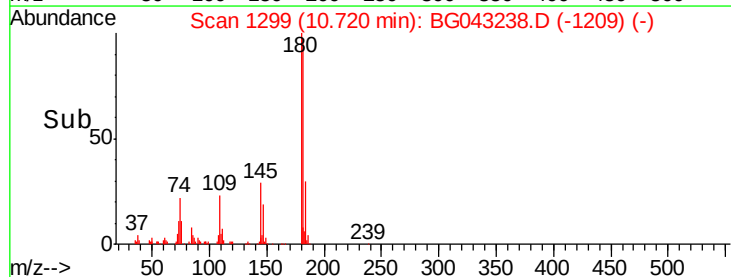
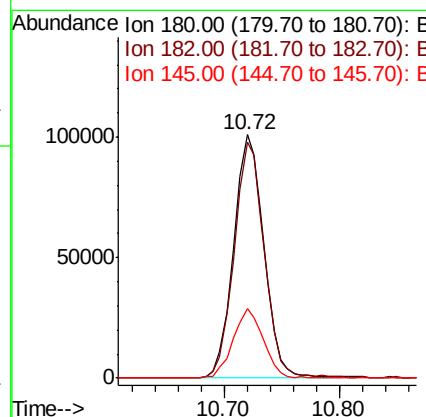
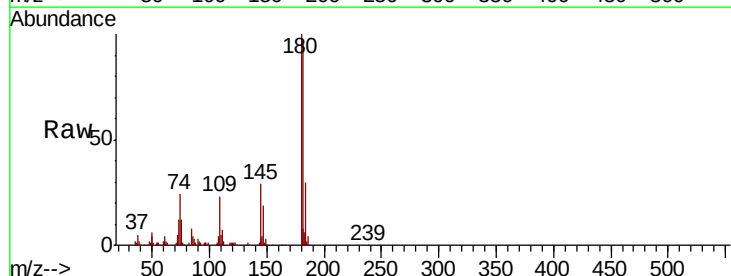
Instrument :
 BNA_G
 ClientSampleId :

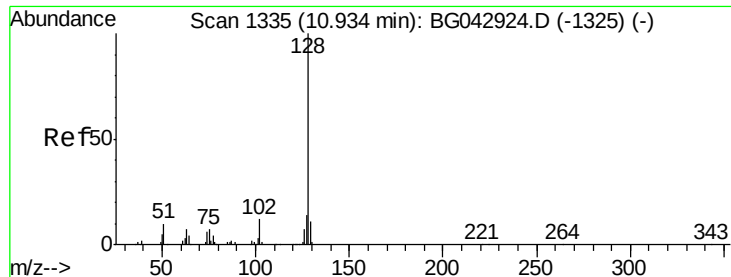
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.7	84.7
98	34.0	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.785 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	79.3	118.9
145	28.6	22.0	33.0

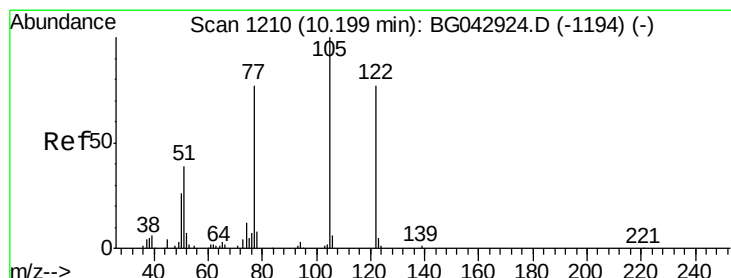
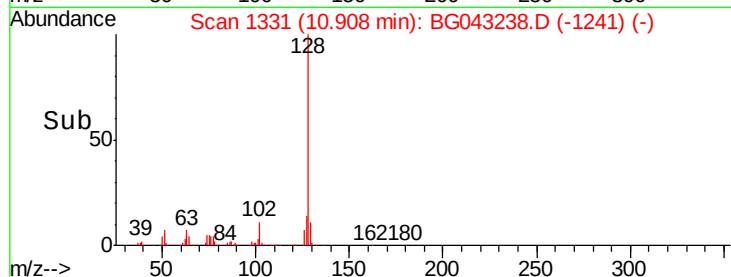
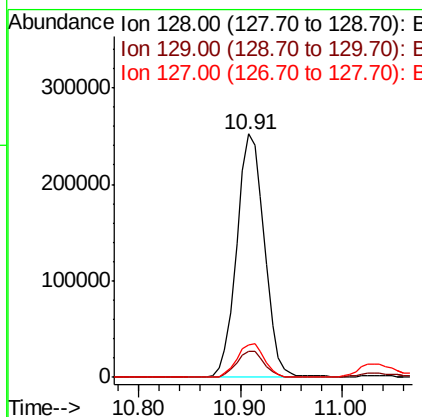
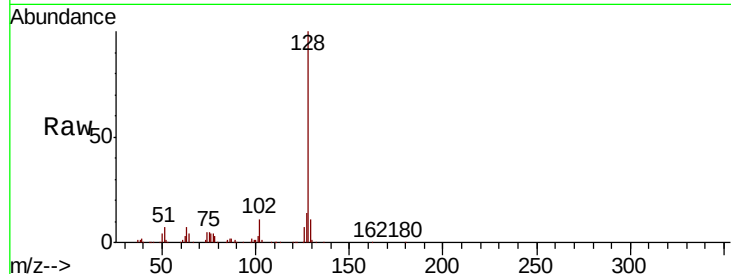




#31
Naphthalene
Concen: 44.520 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

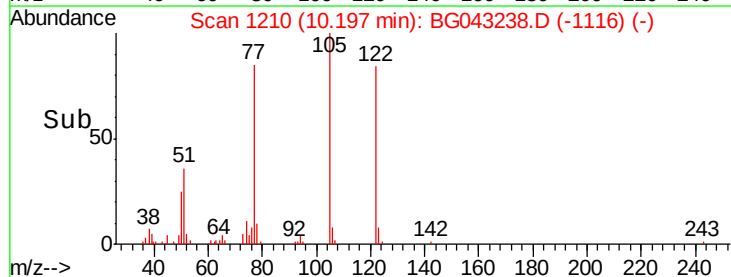
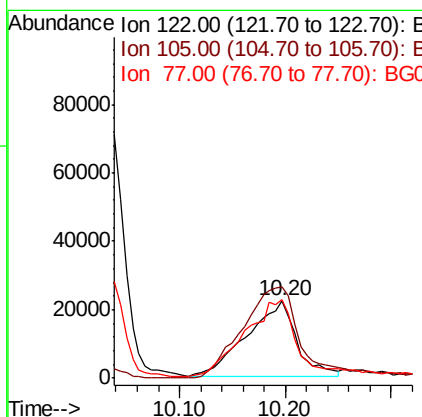
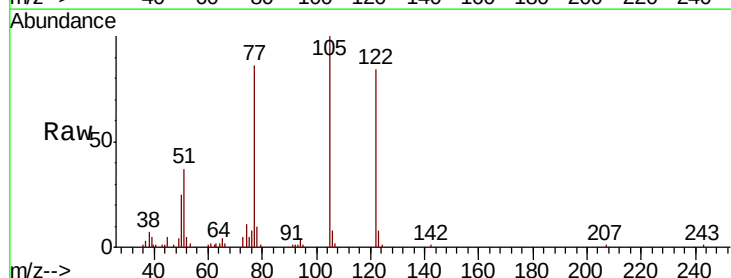
Instrument :
BNA_G
ClientSampleId :

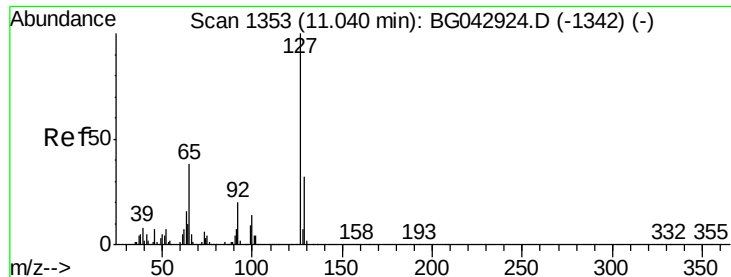
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.6	11.3	16.9



#32
Benzoic acid
Concen: 34.823 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.02 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.4	107.5	147.5
77	102.2	79.8	119.8

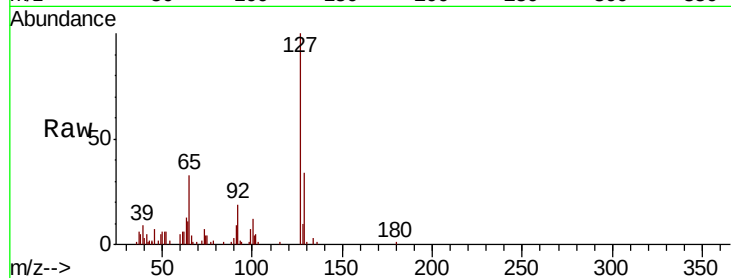




#33
4-Chloroaniline
Concen: 9.165 ng
RT: 11.03 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	42612
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.2
65	32.5	30.6	45.8
92	19.3	16.2	24.4



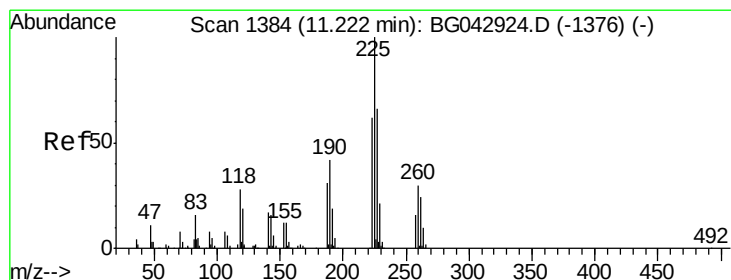
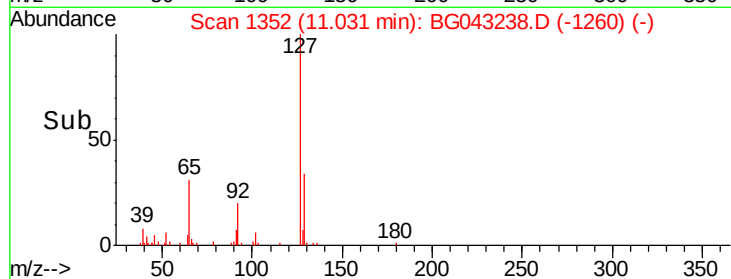
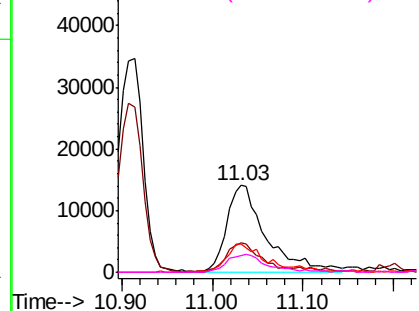
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

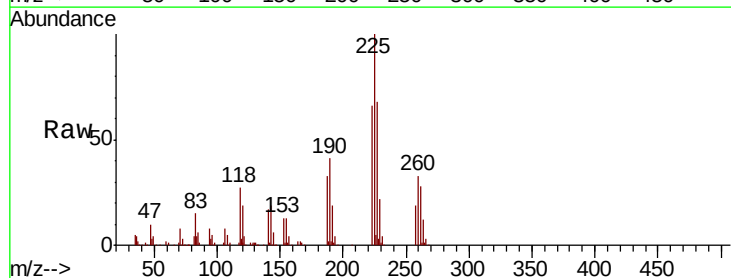
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.825 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion:	225	Resp:	130374
Ion	Ratio	Lower	Upper
225	100		
223	66.1	49.3	73.9
227	68.0	52.8	79.2

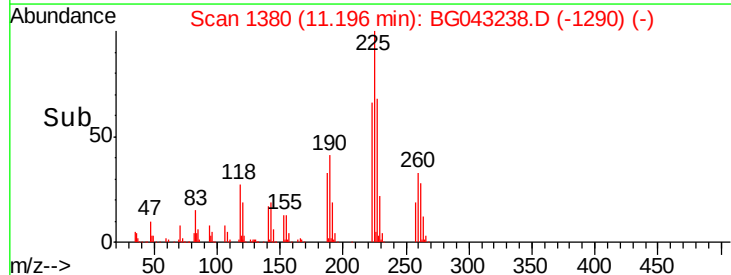
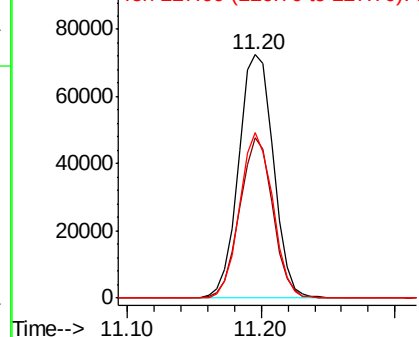


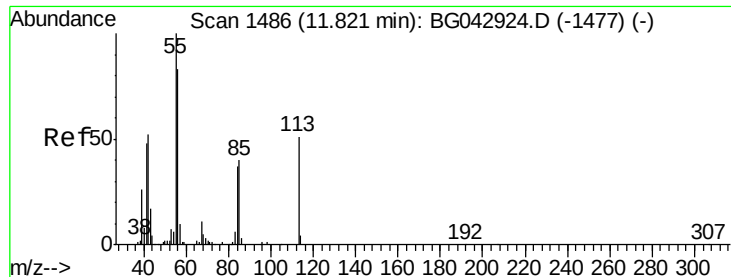
Abundance

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

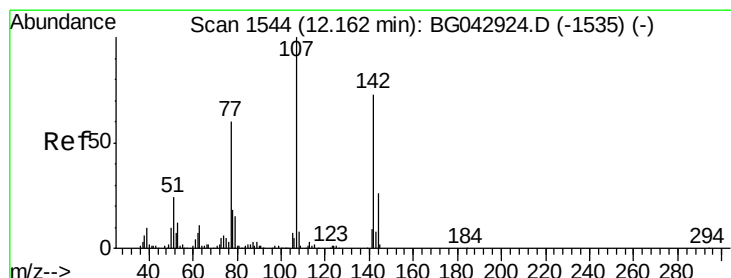
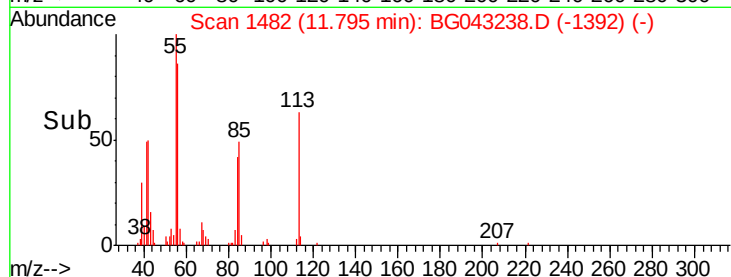
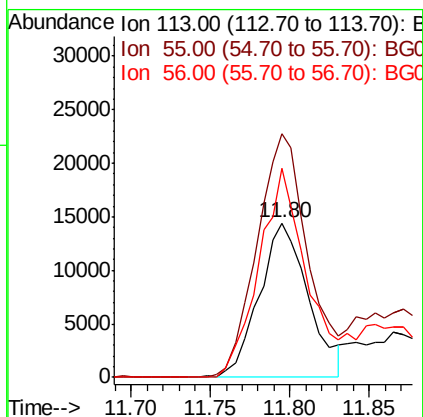
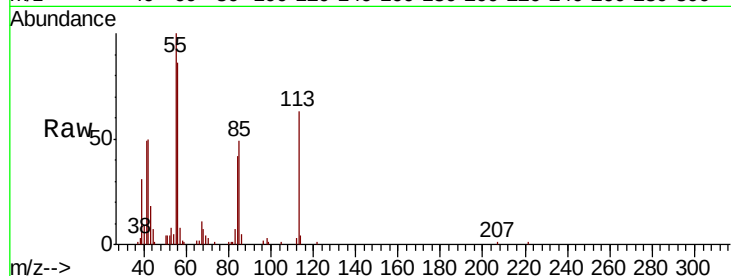




#35
 Caprolactam
 Concen: 25.256 ng
 RT: 11.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

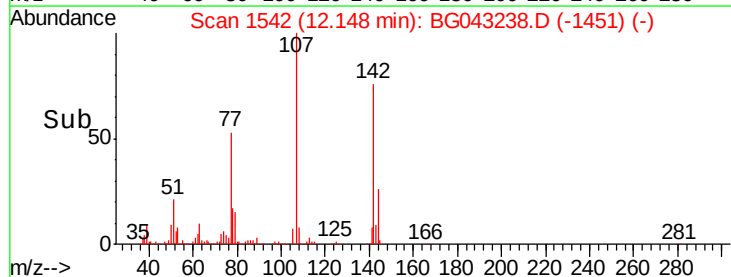
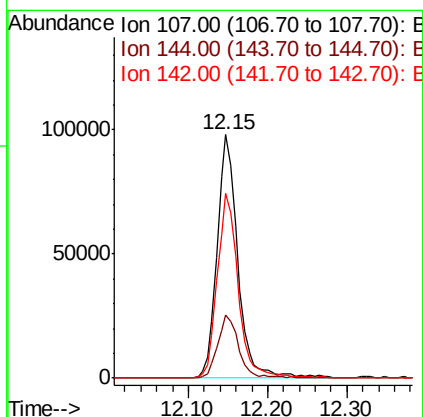
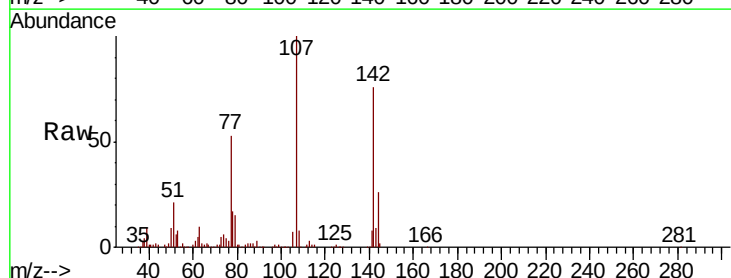
Instrument :
 BNA_G
 ClientSampleId :

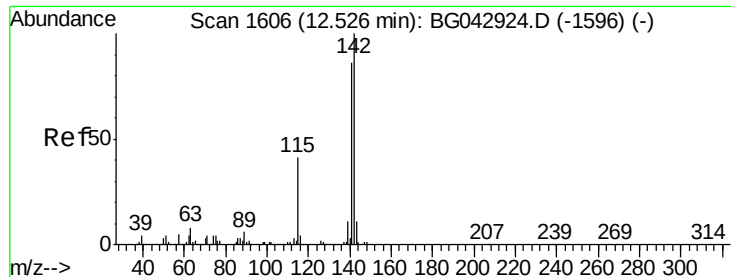
Tot Ion:113 Resp: 30931
 Ion Ratio Lower Upper
 113 100
 55 157.8 175.5 215.5#
 56 135.7 142.3 182.3#



#36
 4-Chloro-3-methylphenol
 Concen: 47.130 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Tgt Ion:107 Resp: 177962
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.7 31.1
 142 75.8 58.6 87.8

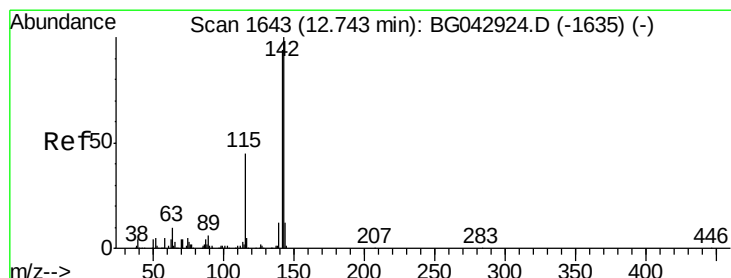
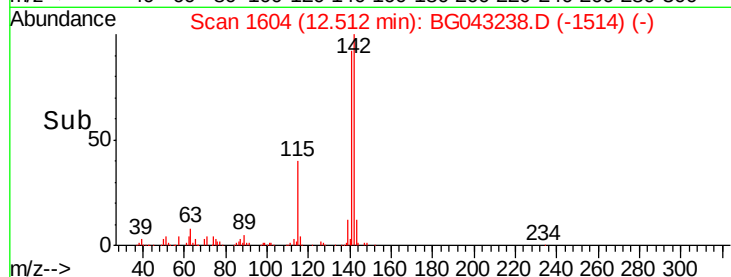
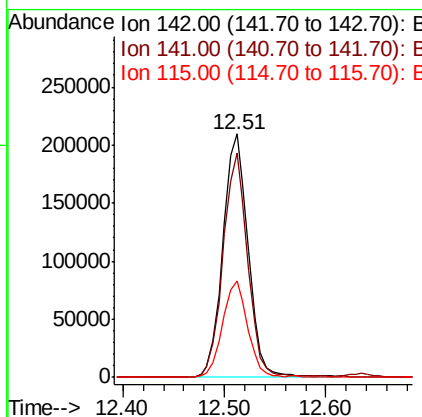
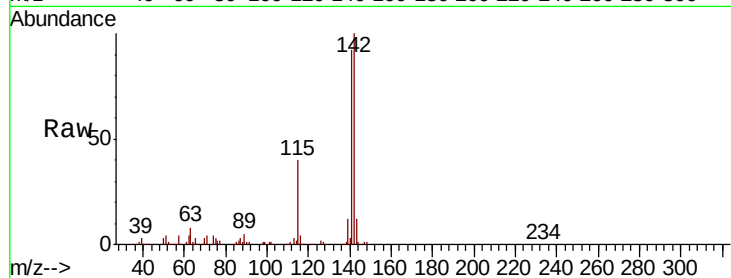




#37
2-Methylnaphthalene
Concen: 44.283 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

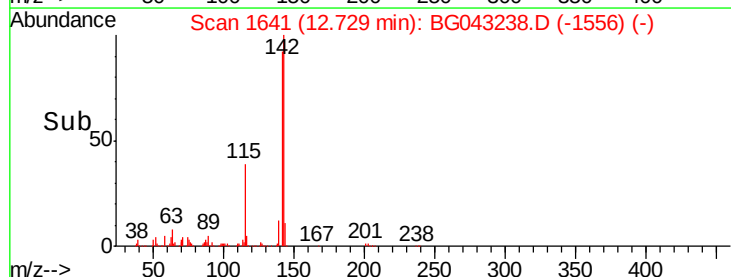
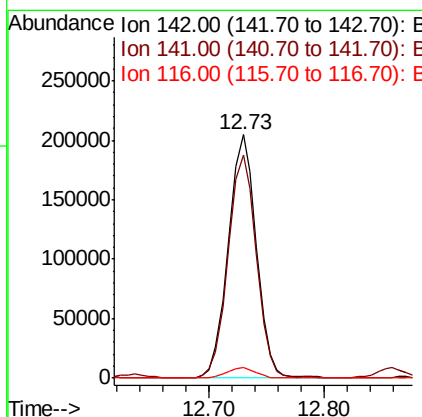
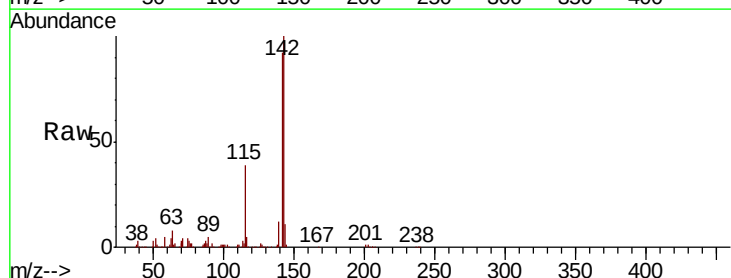
Instrument :
BNA_G
ClientSampleId :

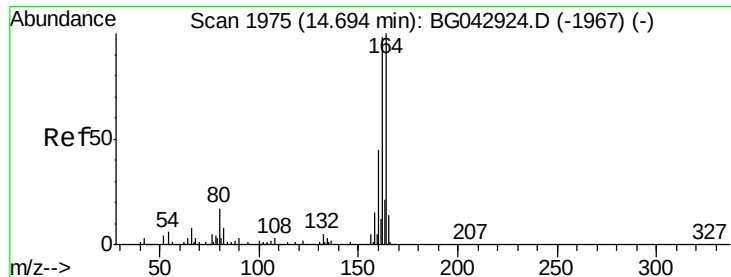
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	69.0	103.4
115	39.6	32.8	49.2



#38
1-Methylnaphthalene
Concen: 44.373 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.9	112.3
116	4.6	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: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampleId :

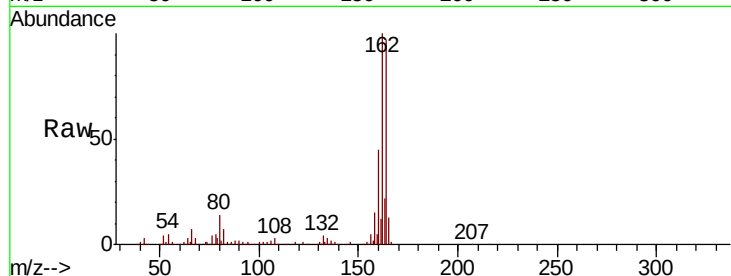
Tot Ion:164 Resp: 145929

Ion Ratio Lower Upper

164 100

162 103.2 78.5 117.7

160 46.9 35.9 53.9

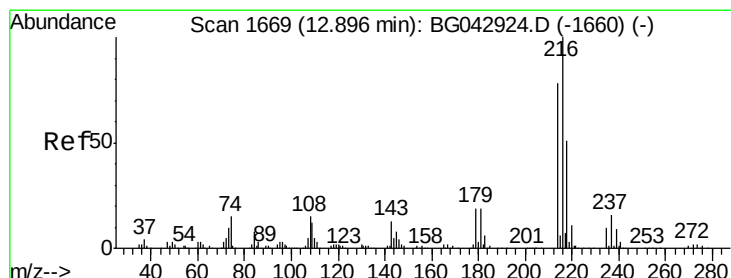
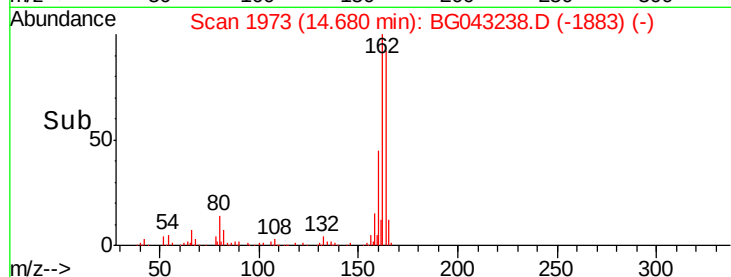
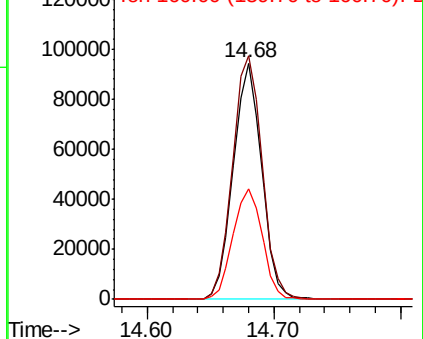


Abundance

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: 43.635 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tgt Ion:216 Resp: 239417

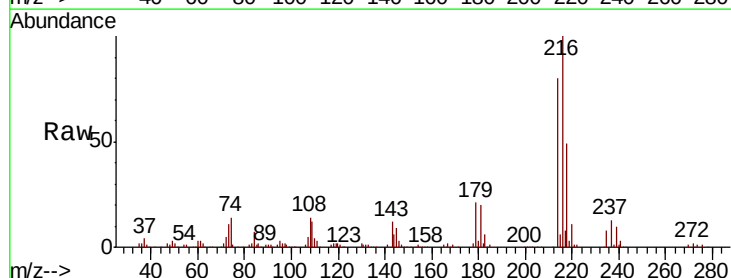
Ion Ratio Lower Upper

216 100

214 78.6 62.4 93.6

179 19.6 15.4 23.2

108 14.4 12.6 19.0



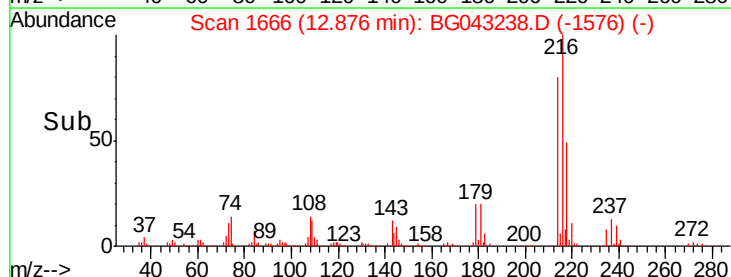
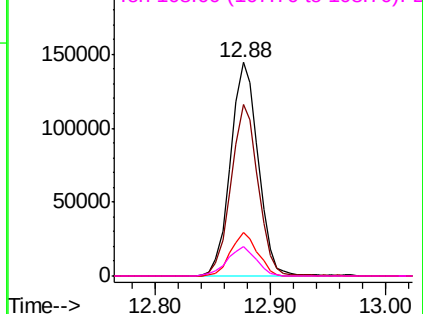
Abundance

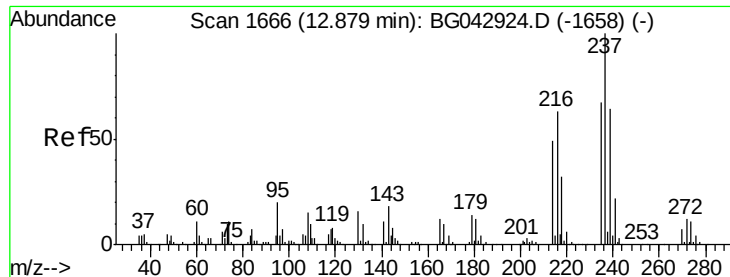
Ion 216.00 (215.70 to 216.70): E

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: 38.894 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampleId :

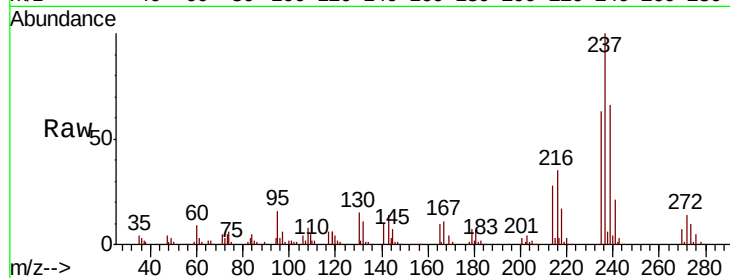
Tot Ion:237 Resp: 135973

Ion Ratio Lower Upper

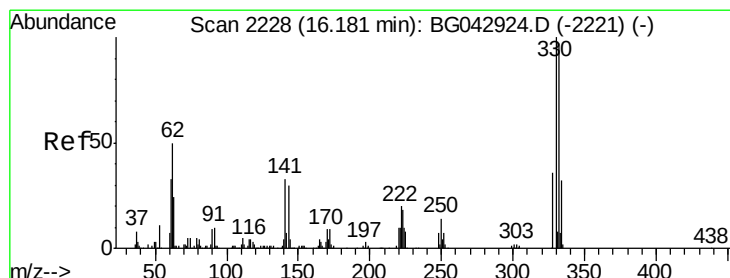
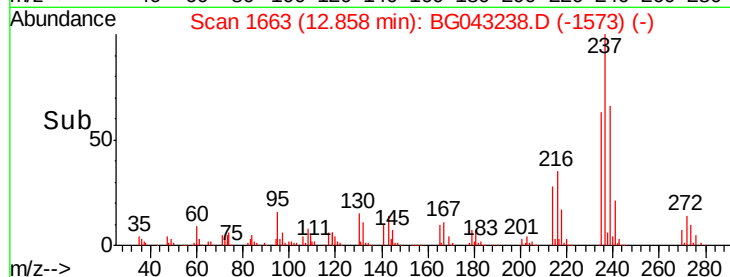
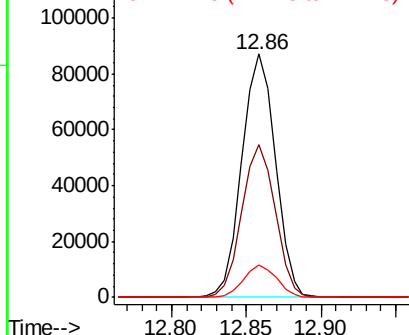
237 100

235 62.9 46.7 86.7

272 13.6 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: 140.028 ng

RT: 16.17 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

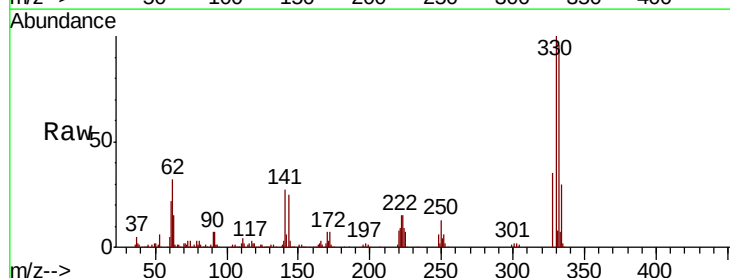
Tgt Ion:330 Resp: 351379

Ion Ratio Lower Upper

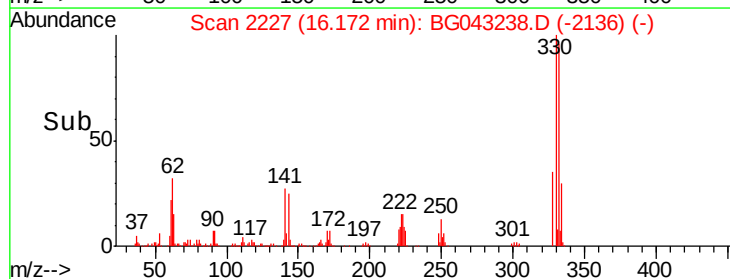
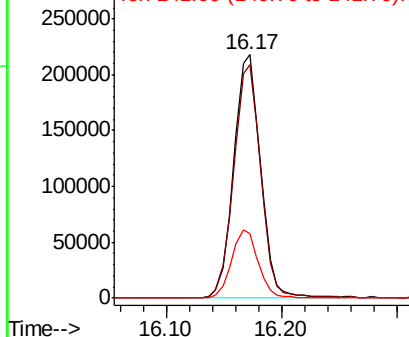
330 100

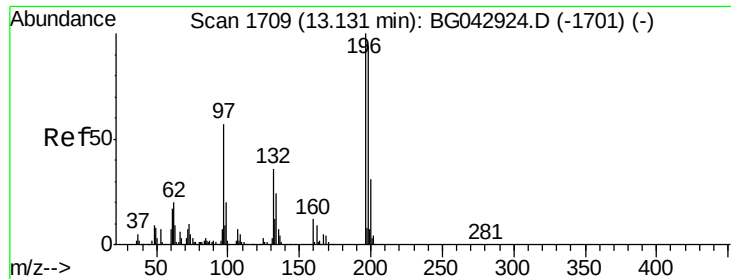
332 96.7 78.2 117.2

141 28.1 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

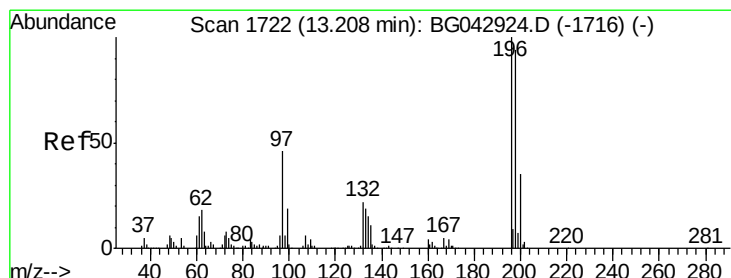
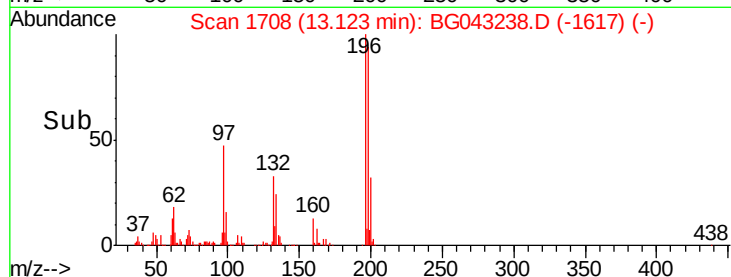
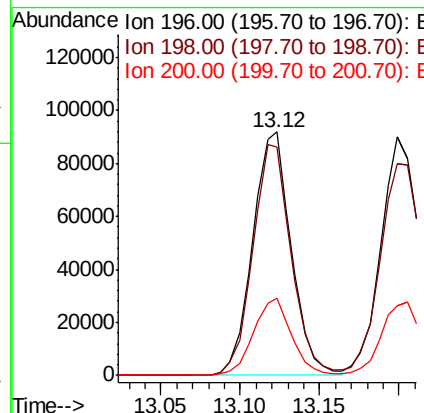
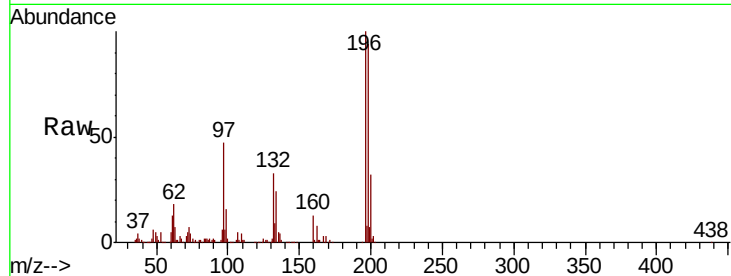




#43
 2,4,6-Trichlorophenol
 Concen: 48.333 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

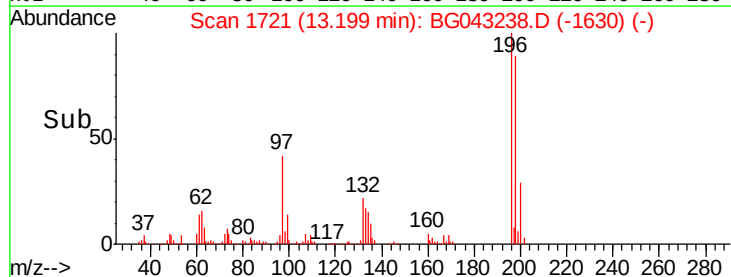
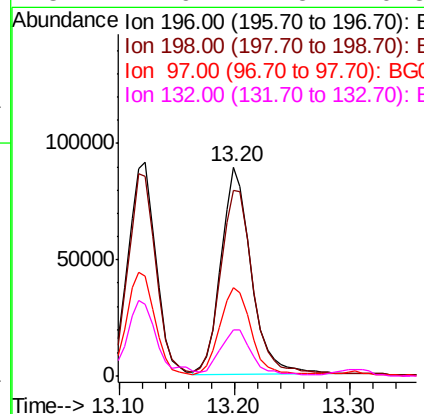
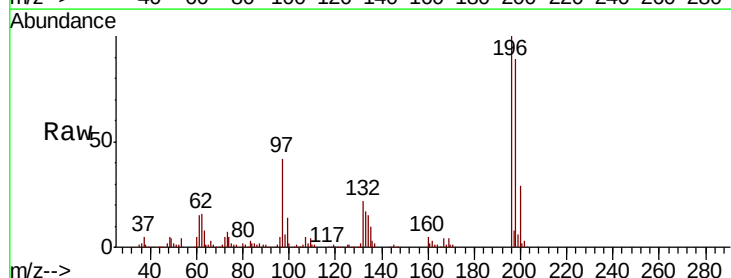
Instrument :
 BNA_G
 ClientSampleId :

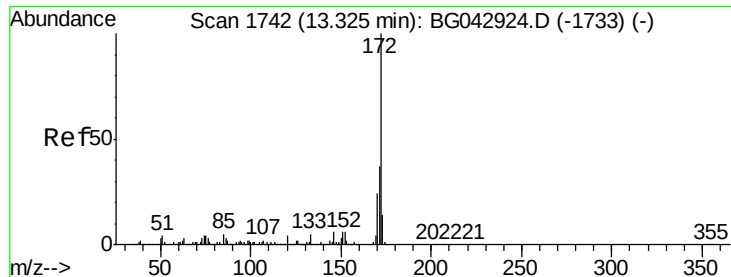
Tot Ion	196	Resp	155220
Ion Ratio	Lower	Upper	
196	100		
198	93.6	75.5	113.3
200	31.5	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 49.055 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Tgt Ion	196	Resp	162289
Ion Ratio	Lower	Upper	
196	100		
198	88.6	75.1	112.7
97	42.4	37.0	55.4
132	21.9	17.5	26.3

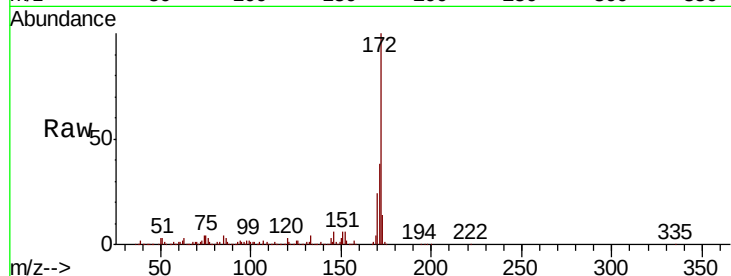




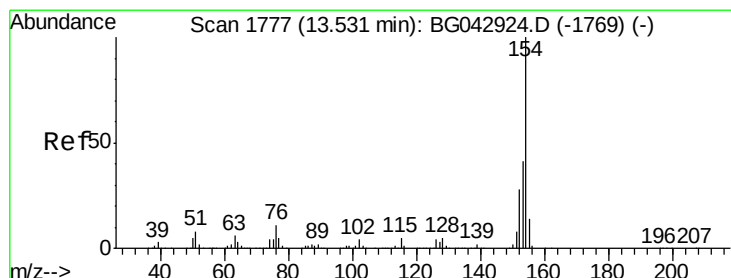
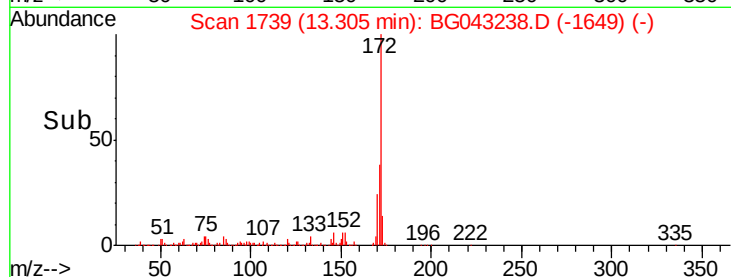
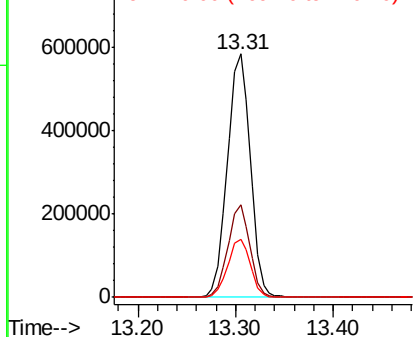
#45
2-Fluorobiphenyl
Concen: 94.865 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.6	44.4
170	23.9	19.6	29.4

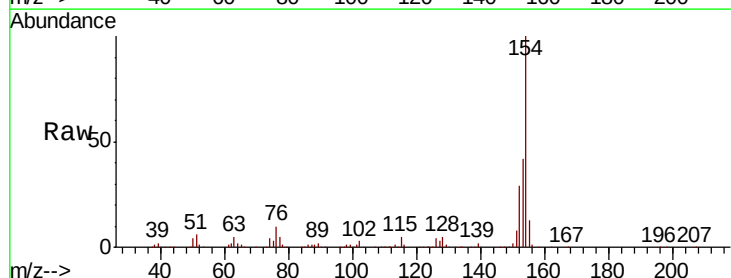


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

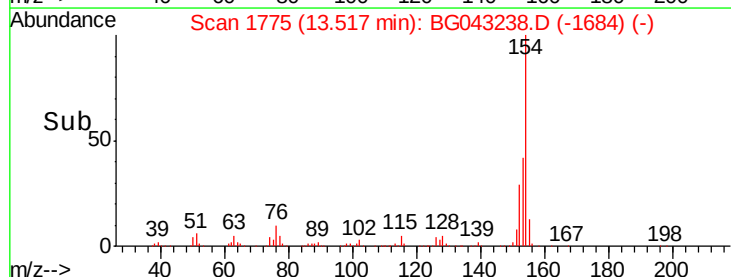
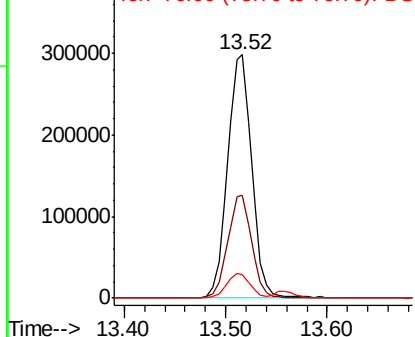


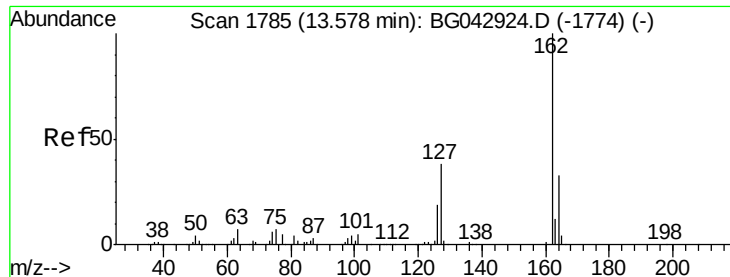
#46
1,1'-Biphenyl
Concen: 44.383 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.4	61.4
76	9.6	0.0	31.3



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

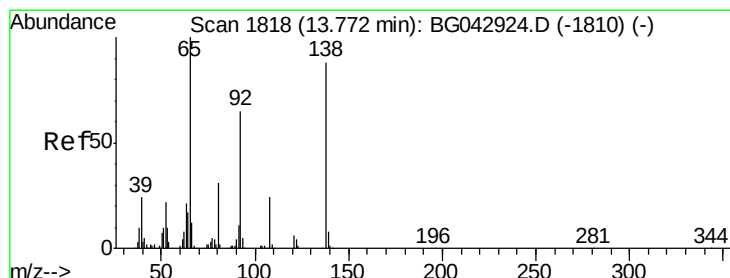
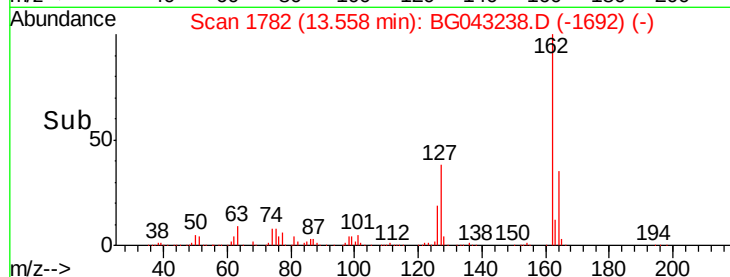
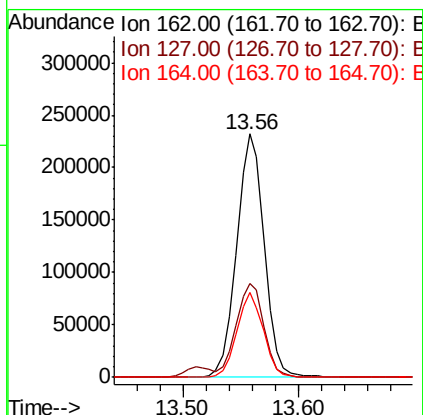
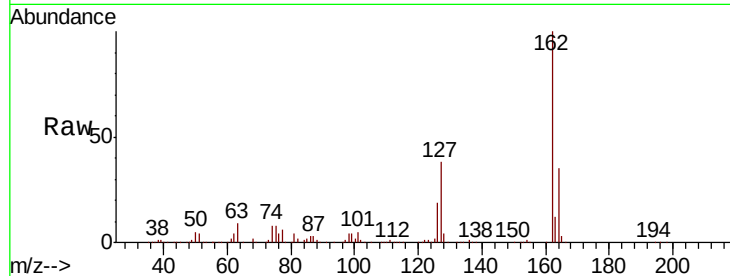




#47
2-Chloronaphthalene
Concen: 45.923 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

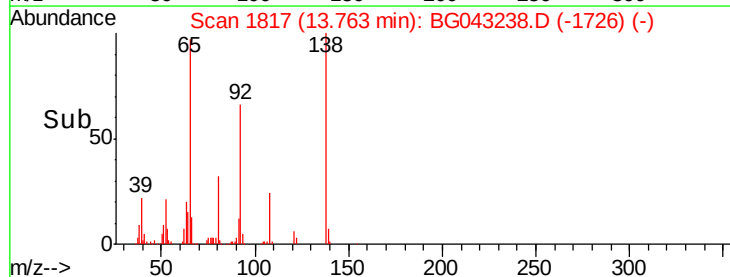
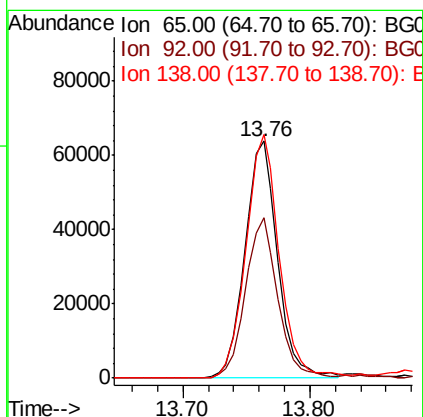
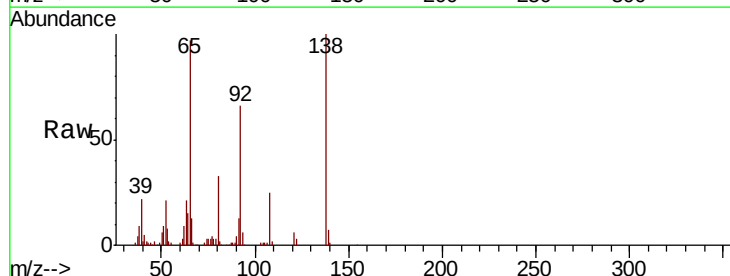
Instrument :
BNA_G
ClientSampleId :

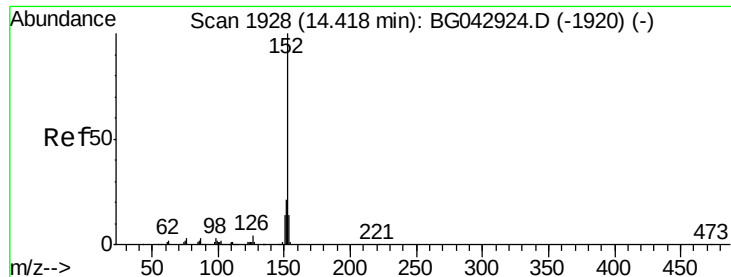
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.0	46.6
164	34.7	26.2	39.2



#48
2-Nitroaniline
Concen: 41.517 ng
RT: 13.76 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	52.0	78.0
138	102.8	70.4	105.6





#49

Acenaphthylene

Concen: 47.977 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampleId :

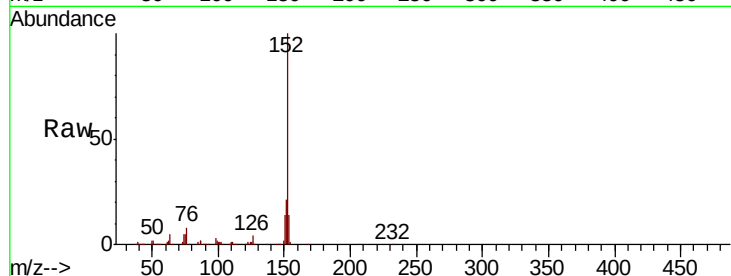
Tot Ion:152 Resp: 609102

Ion Ratio Lower Upper

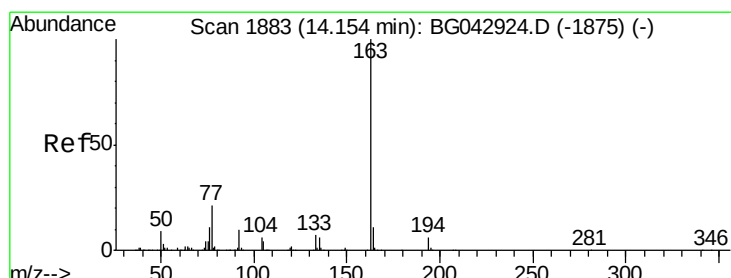
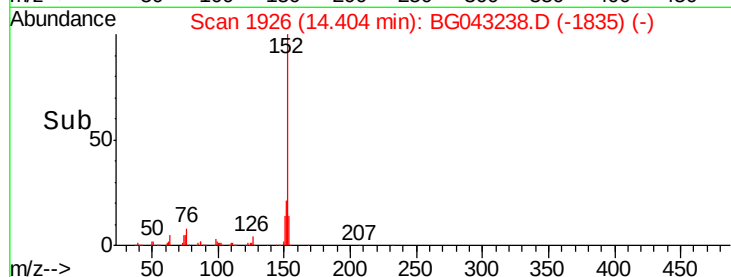
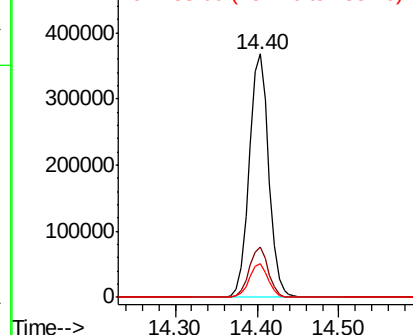
152 100

151 20.7 16.8 25.2

153 13.6 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: 44.090 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

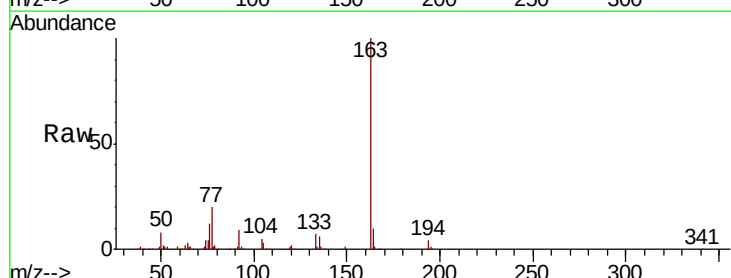
Tgt Ion:163 Resp: 482075

Ion Ratio Lower Upper

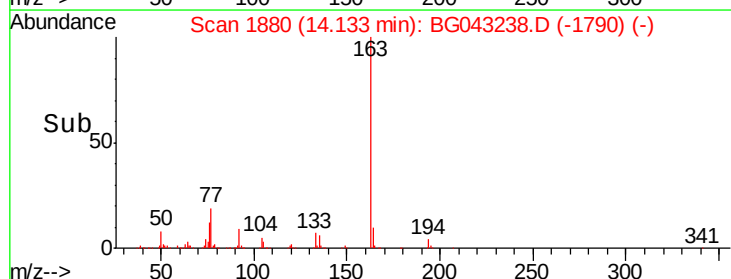
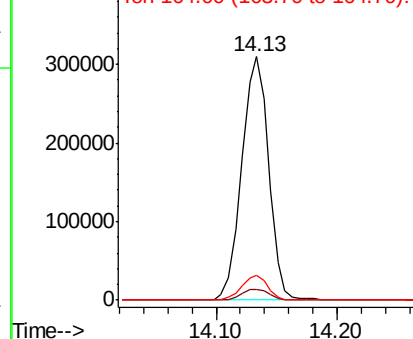
163 100

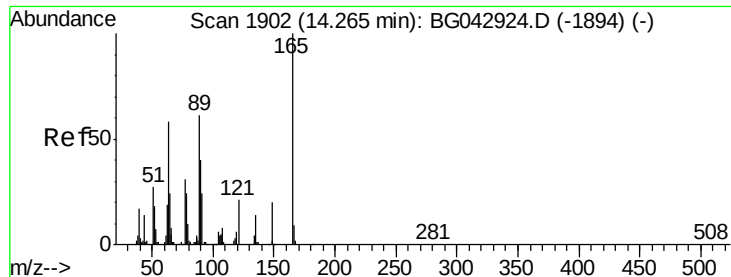
194 4.4 4.4 6.6

164 10.3 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

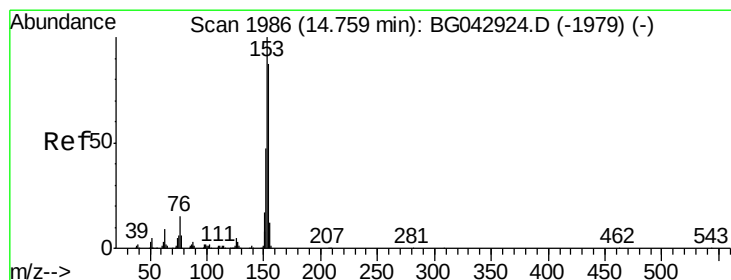
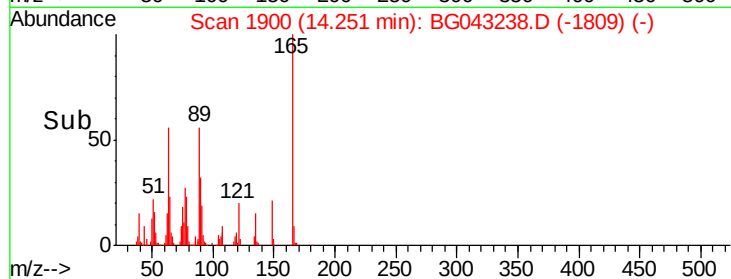
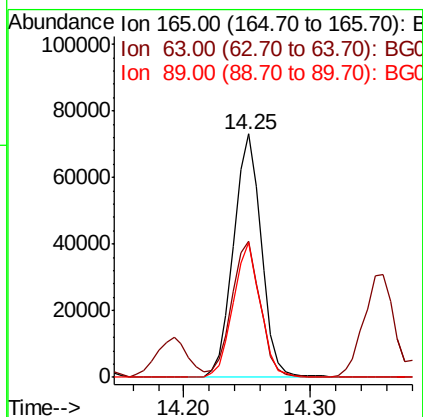
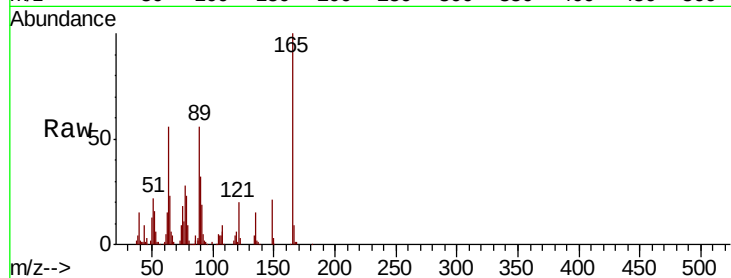




#51
 2,6-Dinitrotoluene
 Concen: 47.436 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. 0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

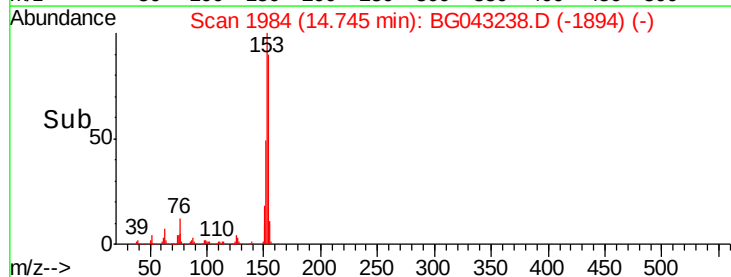
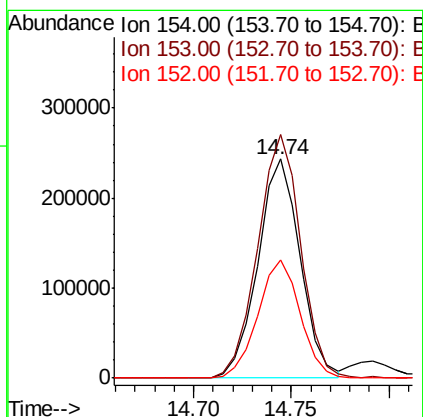
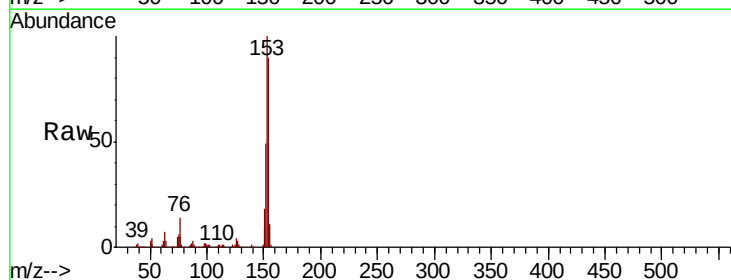
Instrument :
 BNA_G
 ClientSampleId :

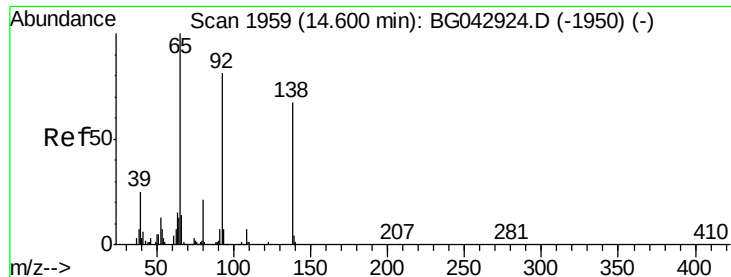
Tot Ion:165 Resp: 110453
 Ion Ratio Lower Upper
 165 100
 63 56.0 50.3 75.5
 89 55.6 48.9 73.3



#52
 Acenaphthene
 Concen: 42.926 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Tgt Ion:154 Resp: 364776
 Ion Ratio Lower Upper
 154 100
 153 111.2 91.4 137.0
 152 54.1 42.8 64.2





#53

3-Nitroaniline

Concen: 29.386 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampleId :

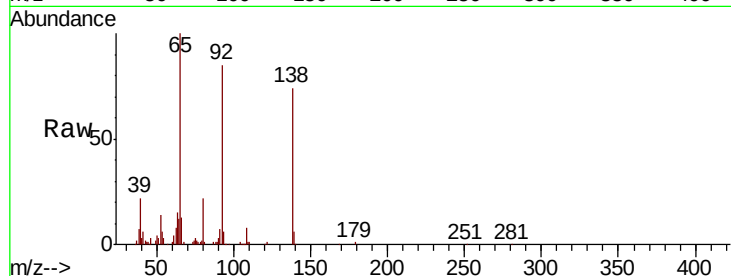
Tot Ion:138 Resp: 70713

Ion Ratio Lower Upper

138 100

108 10.6 7.9 11.9

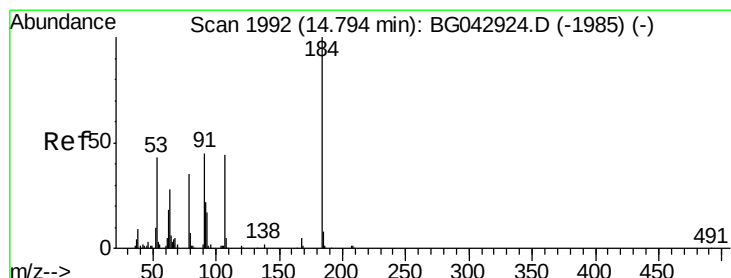
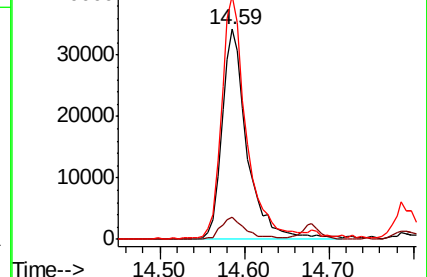
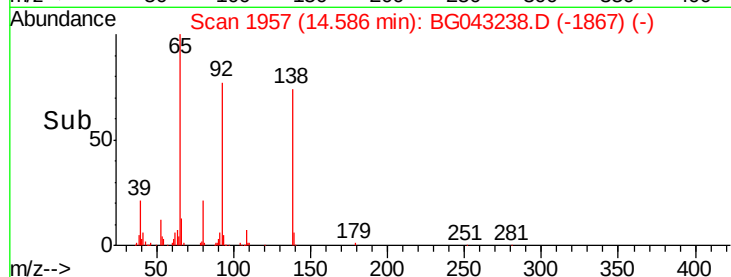
92 115.9 97.0 145.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 34.709 ng

RT: 14.79 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

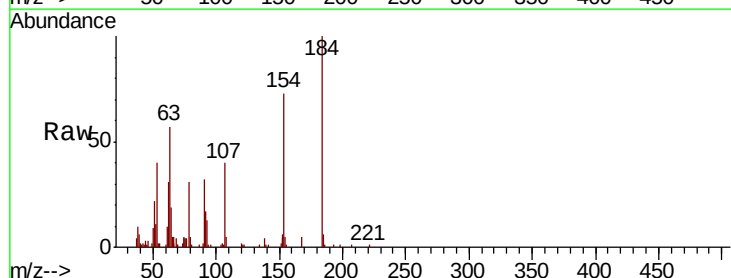
Tgt Ion:184 Resp: 50235

Ion Ratio Lower Upper

184 100

63 57.1 55.0 82.6

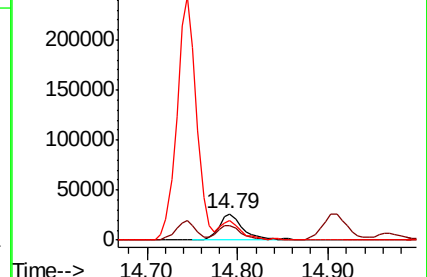
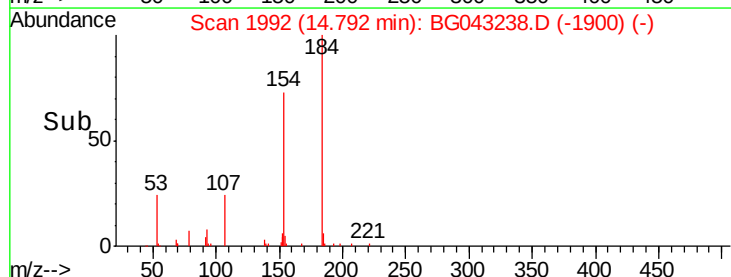
154 72.5 56.5 84.7

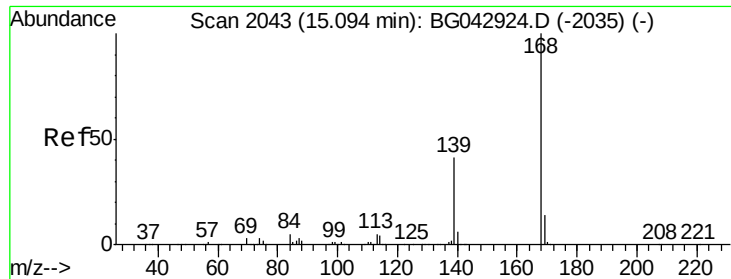


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

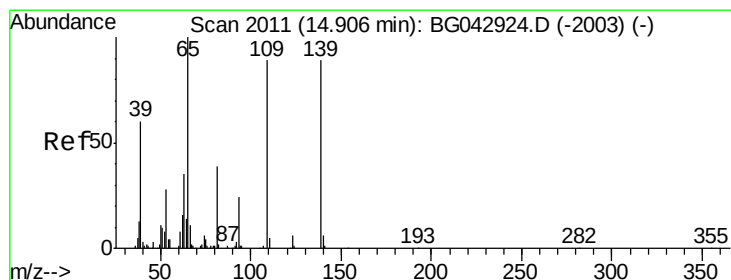
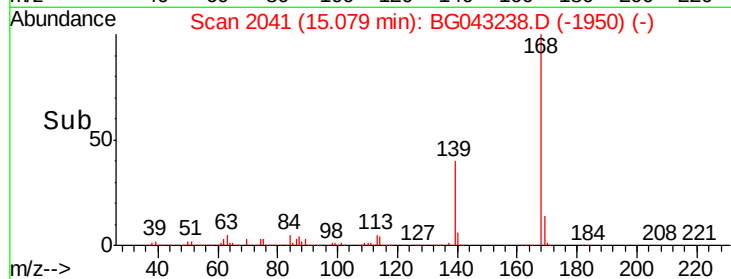
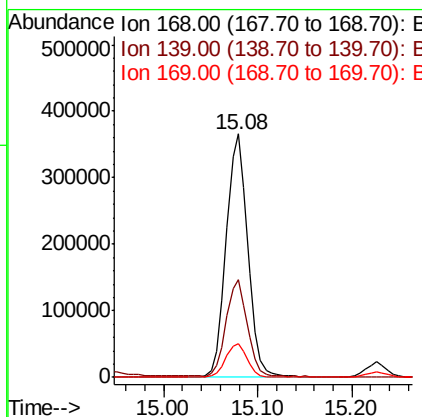
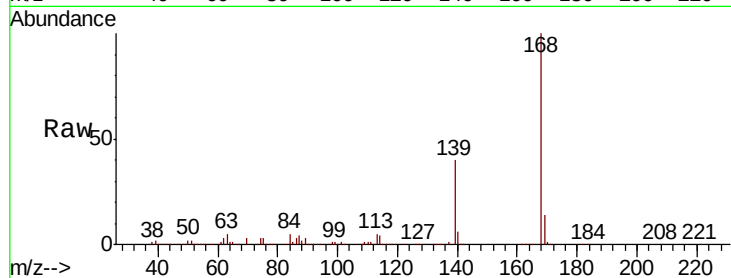




#55
Dibenzofuran
Concen: 46.542 ng
RT: 15.08 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

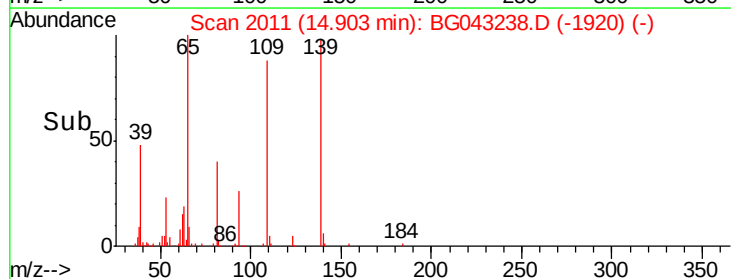
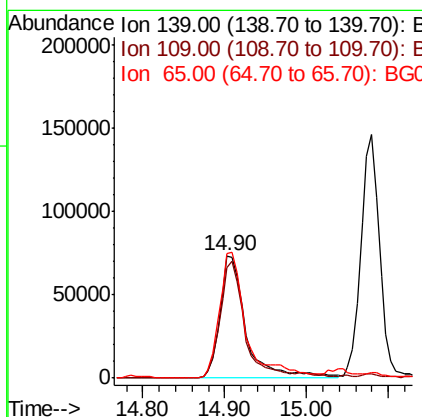
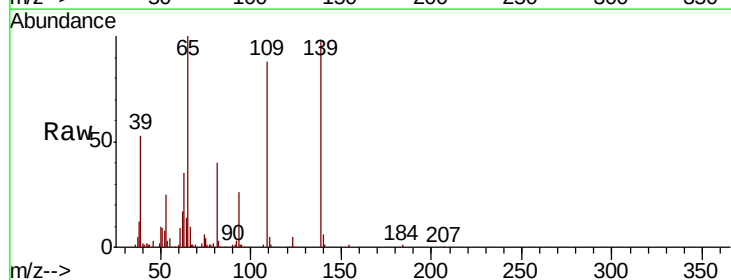
Instrument :
BNA_G
ClientSampled :

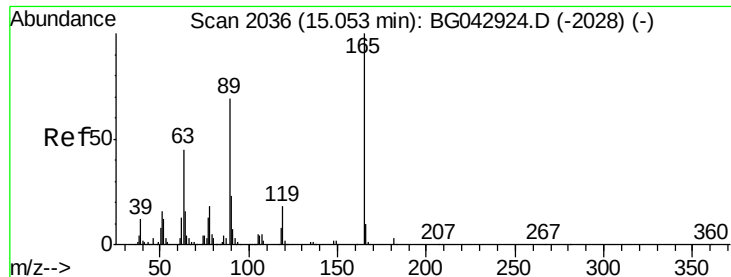
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	32.6	48.8
169	13.9	11.2	16.8



#56
4-Nitrophenol
Concen: 89.146 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.2	79.4	119.4
65	102.4	92.5	132.5





#57

2,4-Dinitrotoluene

Concen: 44.933 ng

RT: 15.04 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG043238.D

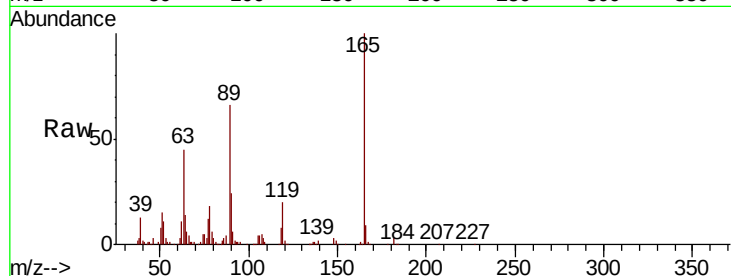
Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	165	Resp:	153211
Ion	Ratio	Lower	Upper
165	100		
63	44.9	36.5	54.7
89	66.2	55.5	83.3
182	2.6	2.4	3.6

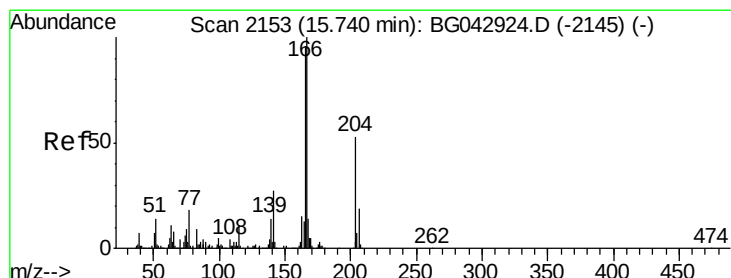
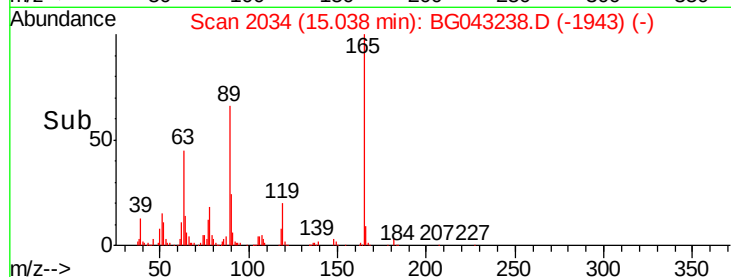
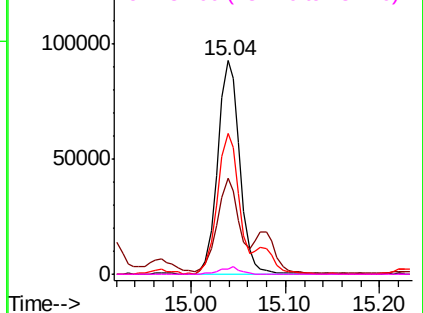


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.660 ng

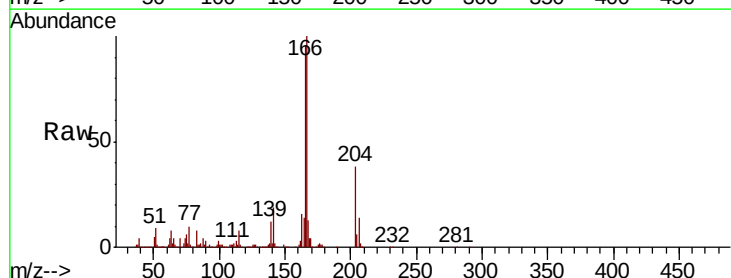
RT: 15.73 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

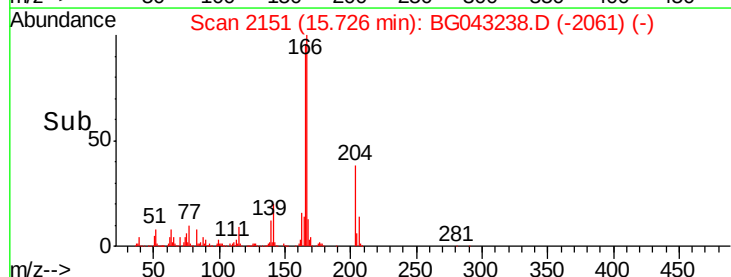
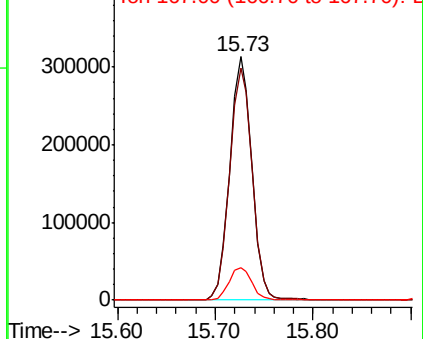
Tgt Ion:	166	Resp:	490044
Ion	Ratio	Lower	Upper
166	100		
165	95.6	77.1	115.7
167	13.2	11.0	16.6

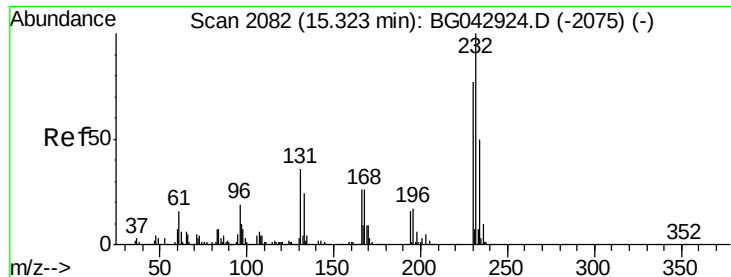


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

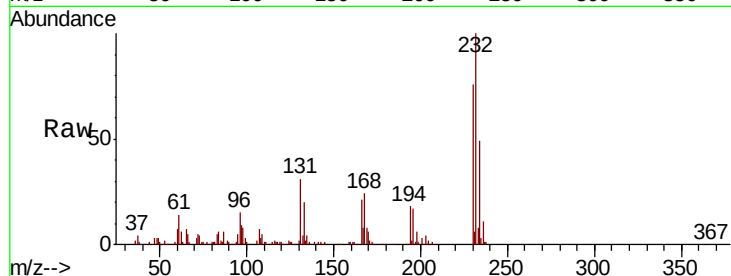




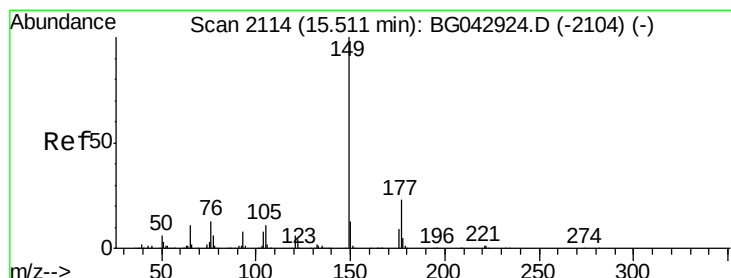
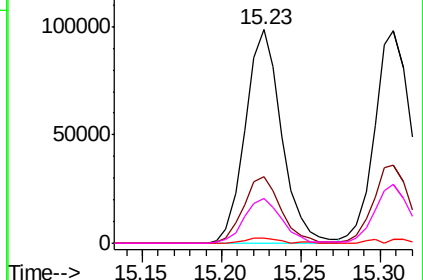
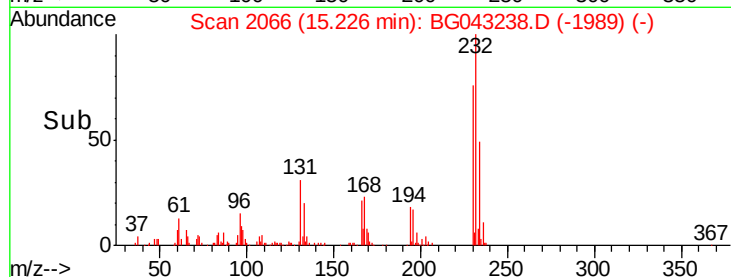
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.619 ng
RT: 15.23 min Scan# 2066
Delta R.T. -0.08 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:232	Resp:	157169
Ion Ratio	Lower	Upper
232	100	
131	32.1	29.6 44.4
130	2.3	1.9 2.9
166	21.9	21.8 32.8

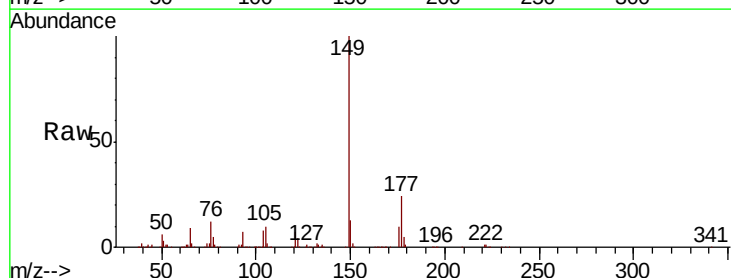


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

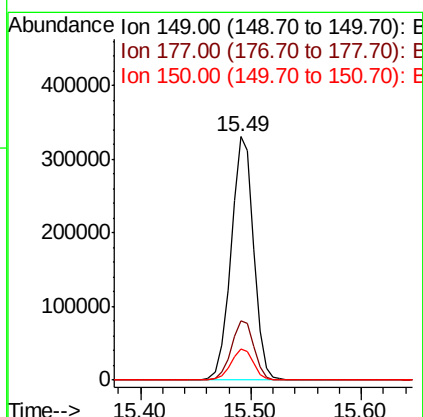
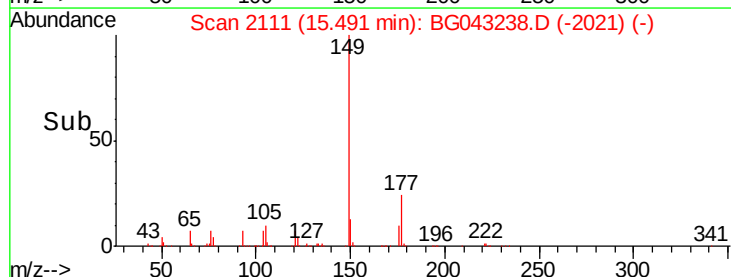


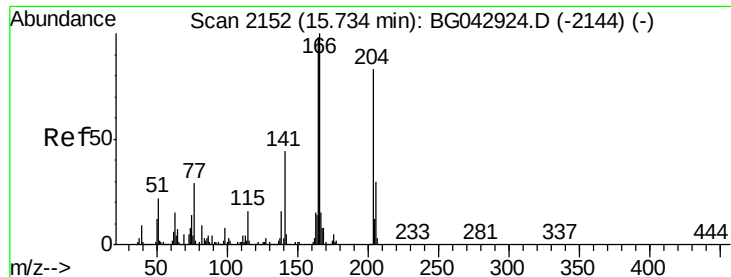
#60
Diethylphthalate
Concen: 42.505 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion:149	Resp:	472973
Ion Ratio	Lower	Upper
149	100	
177	24.2	18.8 28.2
150	12.9	10.6 15.8



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

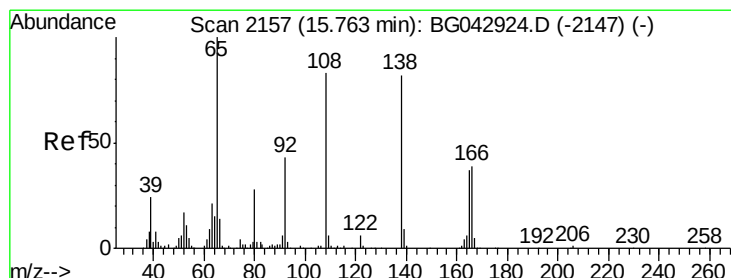
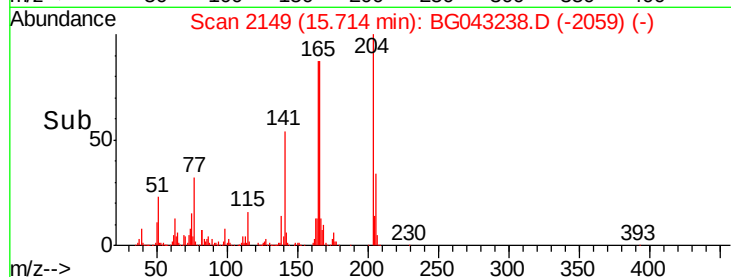
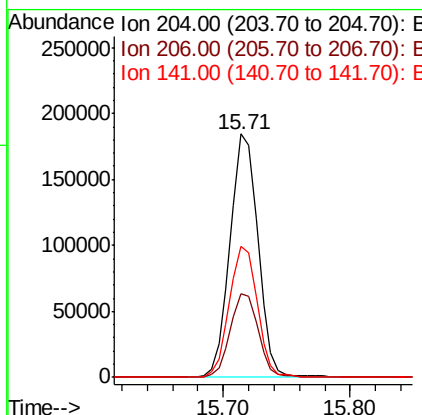
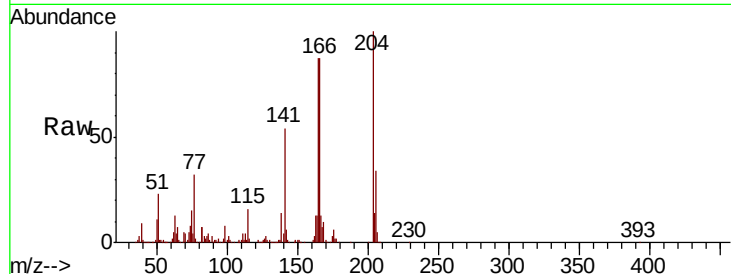




#61
4-Chlorophenyl-phenylether
Concen: 43.732 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

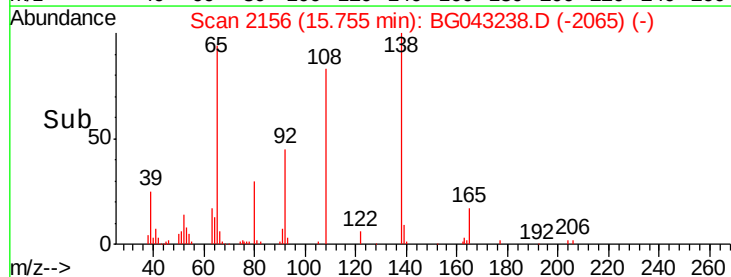
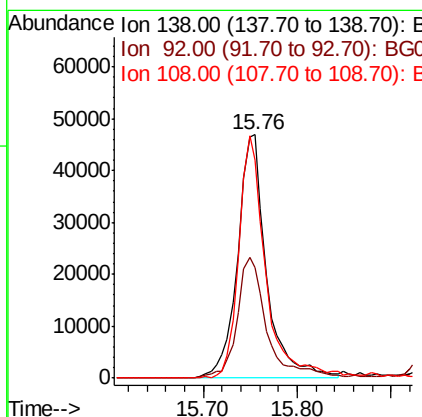
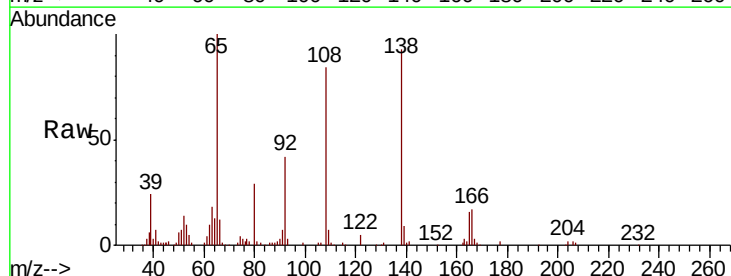
Instrument :
BNA_G
ClientSampled :

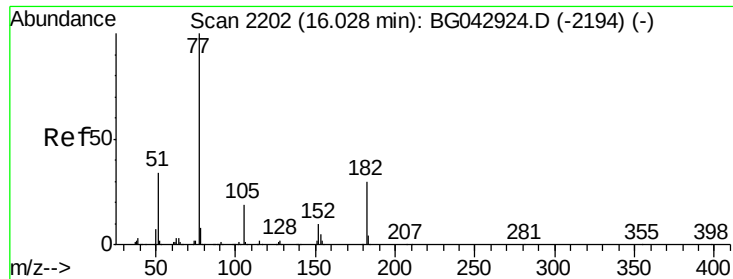
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	28.5	42.7
141	53.7	42.4	63.6



#62
4-Nitroaniline
Concen: 38.230 ng
RT: 15.76 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.5	32.9	72.9
108	89.6	81.3	121.3





#63

Azobenzene

Concen: 40.377 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 409049

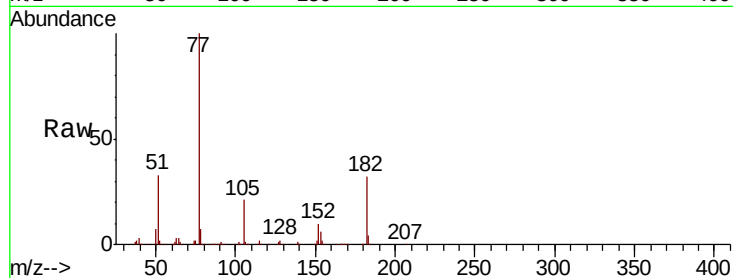
Ion Ratio Lower Upper

77 100

182 31.5 10.2 50.2

105 20.8 0.0 39.1

51 32.8 13.9 53.9

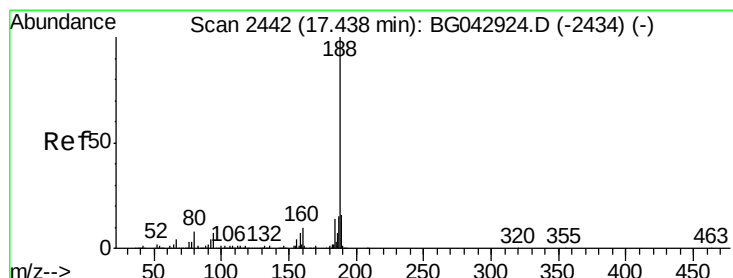
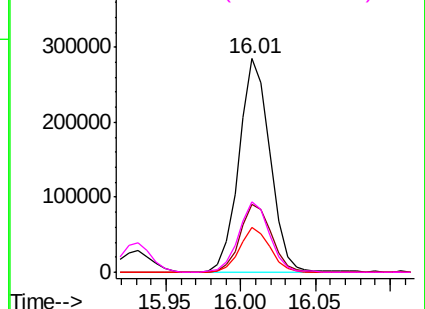
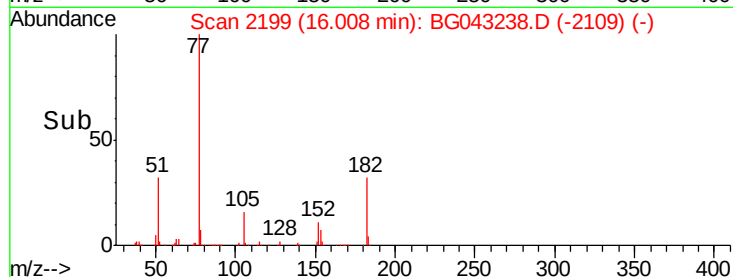


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043238.D

Acq: 16 Oct 2019 5:34

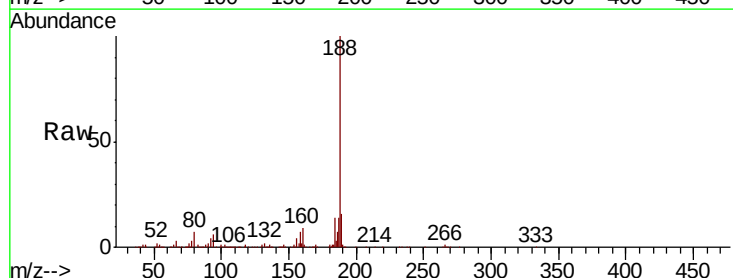
Tgt Ion: 188 Resp: 317266

Ion Ratio Lower Upper

188 100

94 6.3 5.7 8.5

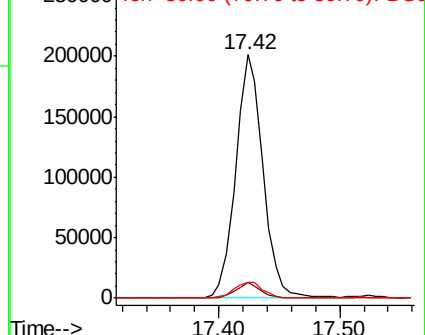
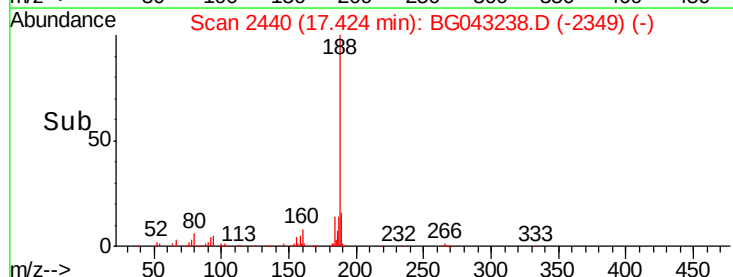
80 6.5 6.5 9.7

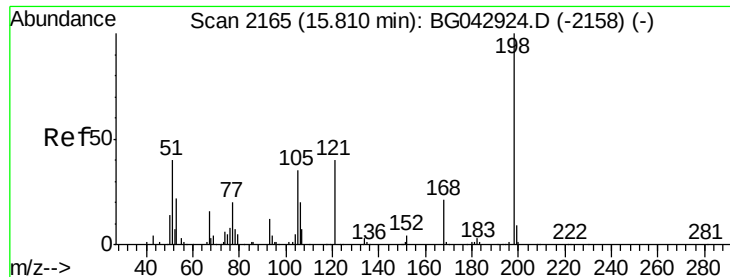


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

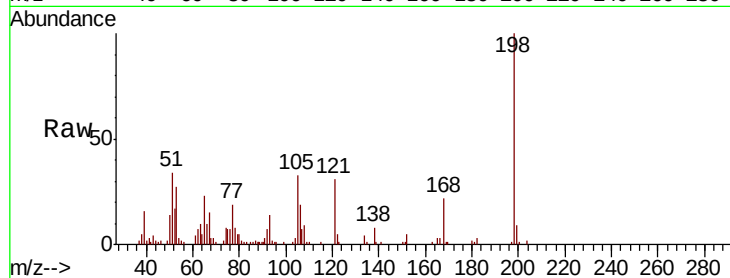




#65
 4,6-Dinitro-2-methylphenol
 Concen: 23.305 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.01 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	198	Resp	41840
Ion Ratio	100	Lower	Upper
51	34.2	25.3	65.3
105	32.8	16.6	56.6

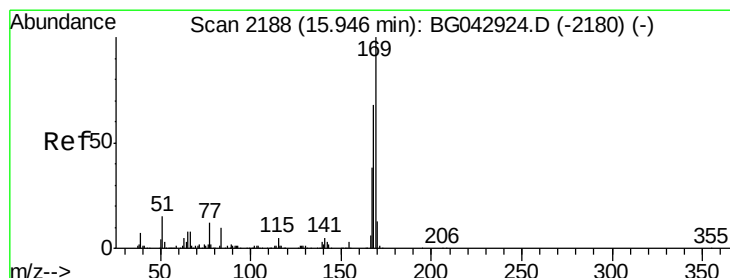
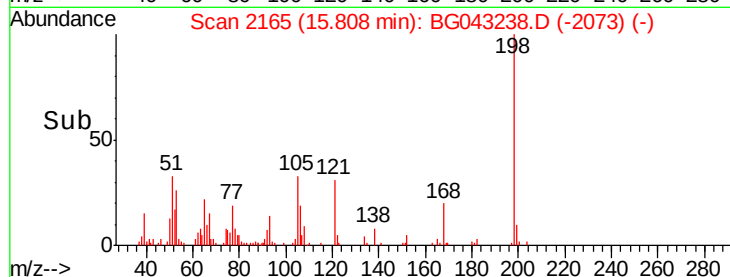
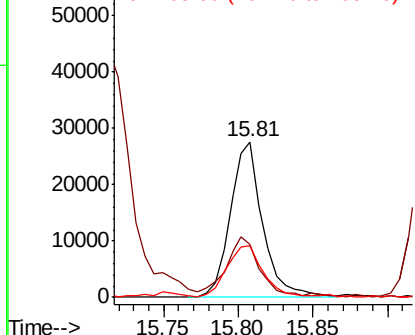


Abundance

Ion 198.00 (197.70 to 198.70): E

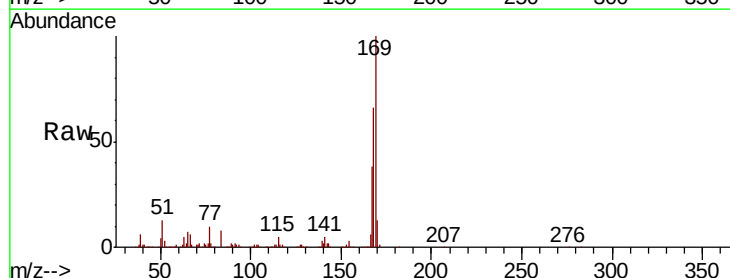
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 51.141 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG043238.D
 Acq: 16 Oct 2019 5:34

Tgt Ion	169	Resp	428328
Ion Ratio	100	Lower	Upper
168	66.2	54.8	82.2
167	37.8	30.6	46.0

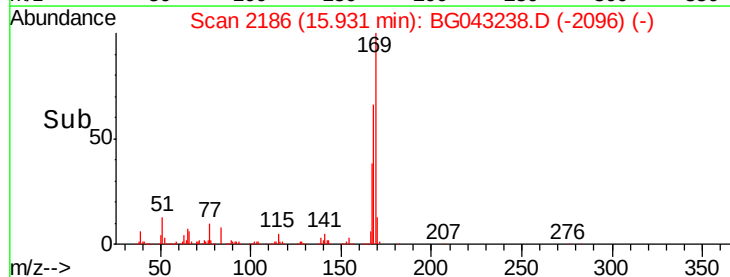
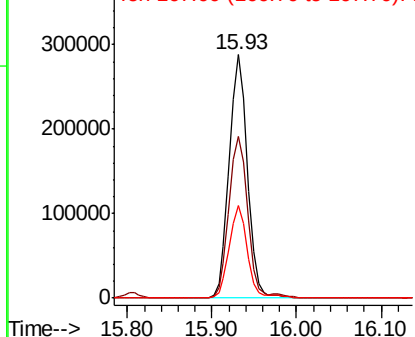


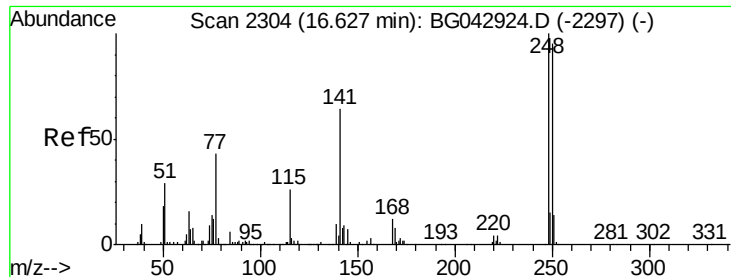
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

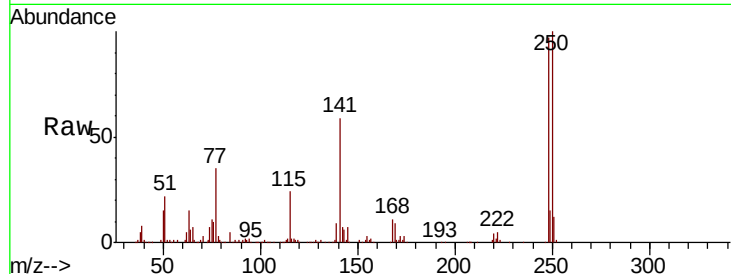




#67
4-Bromophenyl-phenylether
Concen: 48.794 ng
RT: 16.61 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	103.6	75.8	113.8
141	60.6	51.1	76.7

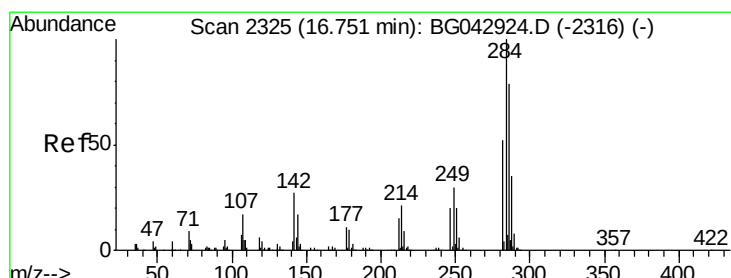
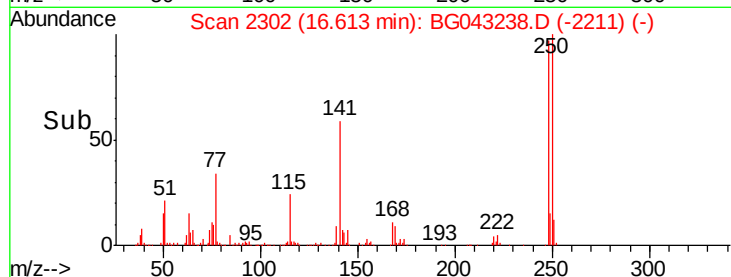
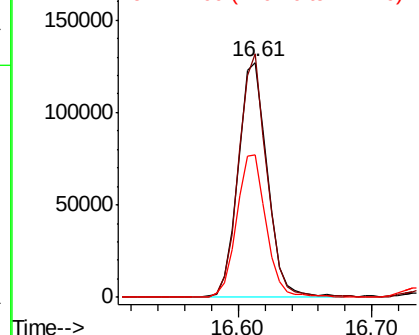


Abundance

Ion 248.00 (247.70 to 248.70): E

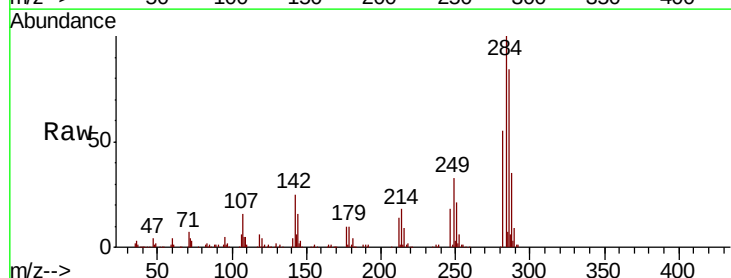
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 48.849 ng
RT: 16.74 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	21.6	32.4
249	33.1	24.1	36.1

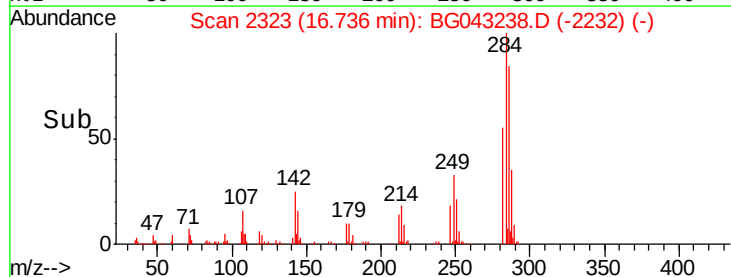
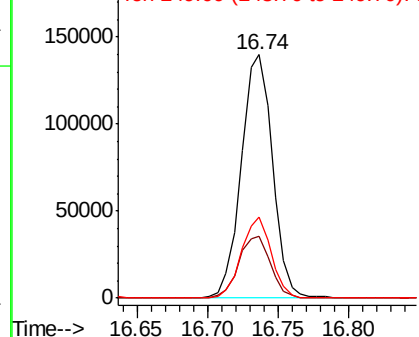


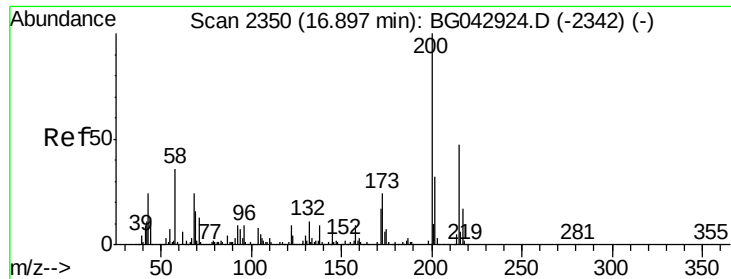
Abundance

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

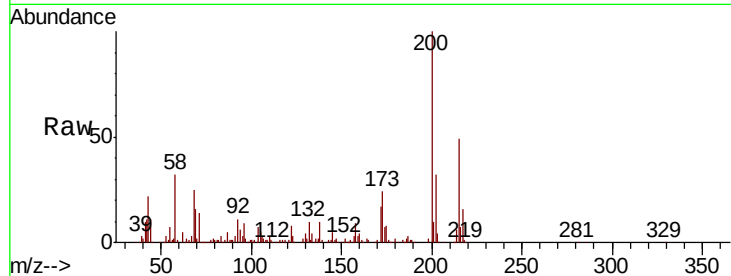




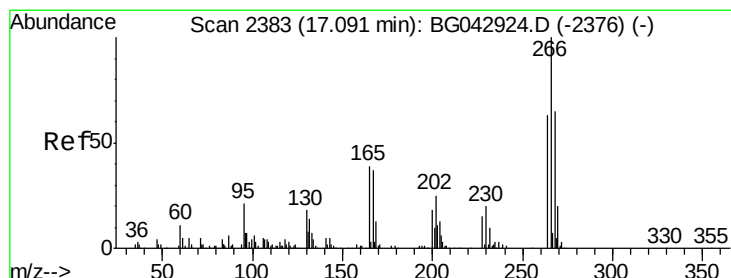
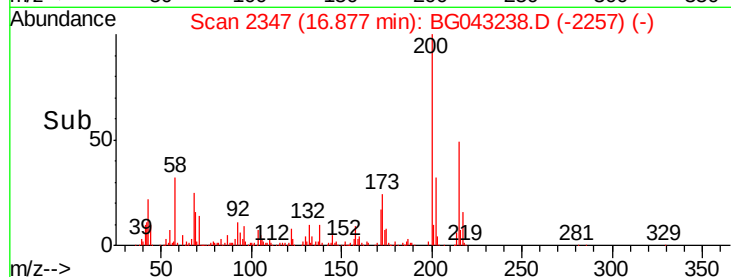
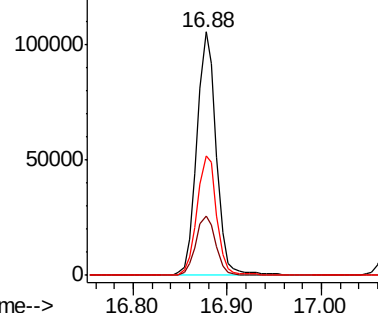
#69
Atrazine
Concen: 43.055 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.0	44.0
215	49.0	27.4	67.4

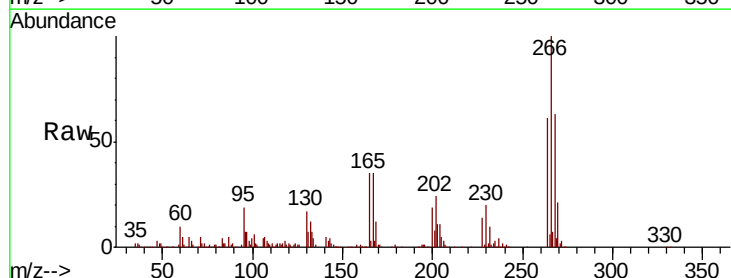


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

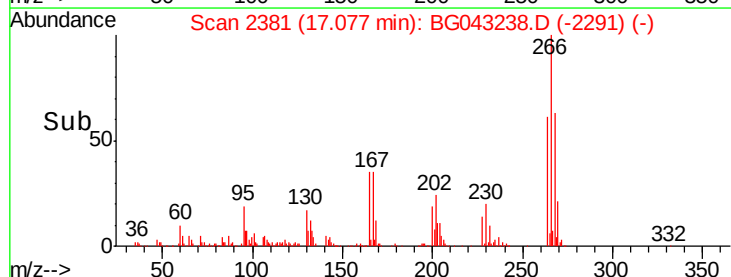
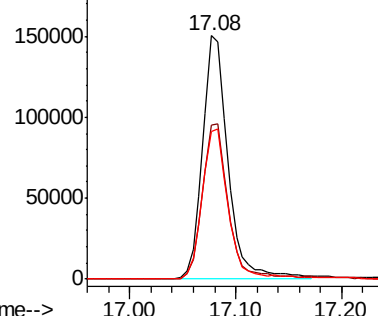


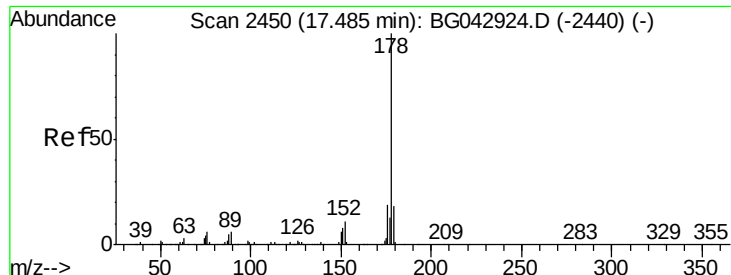
#70
Pentachlorophenol
Concen: 97.824 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	52.2	78.2
264	60.5	50.7	76.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

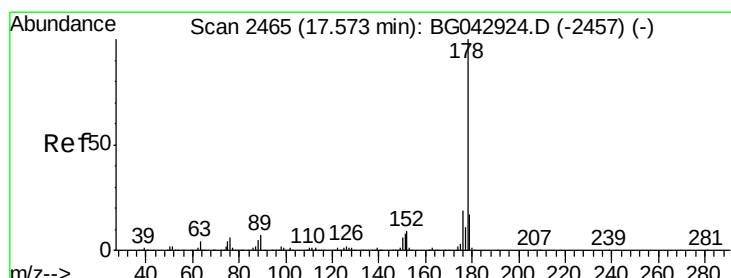
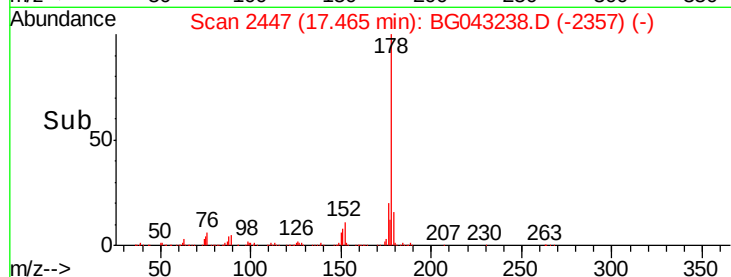
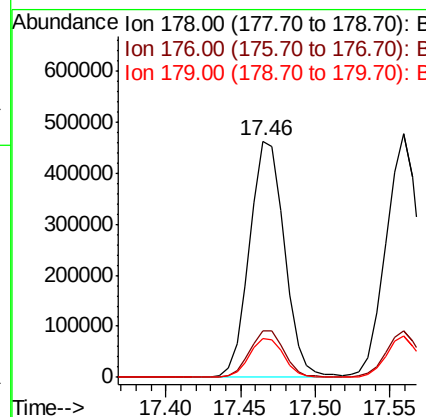
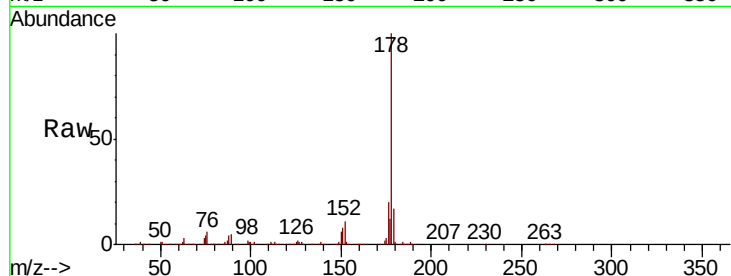




#71
Phenanthrene
Concen: 48.293 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

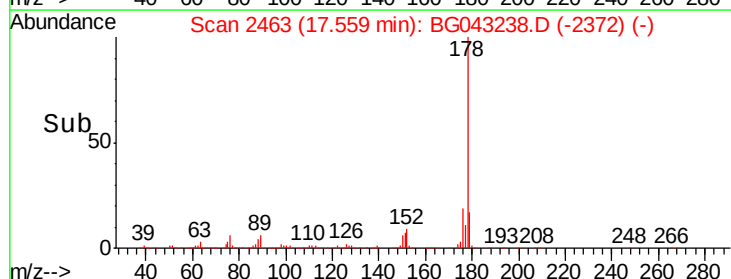
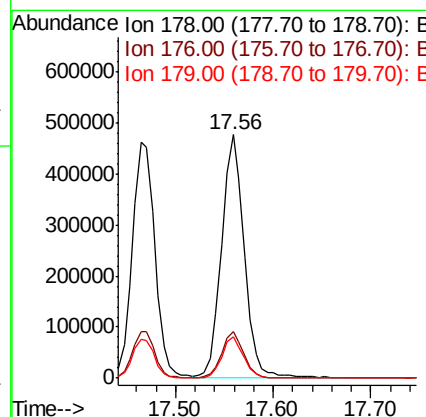
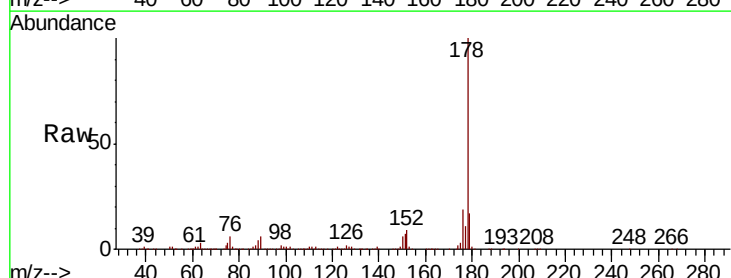
Instrument :
BNA_G
ClientSampleId :

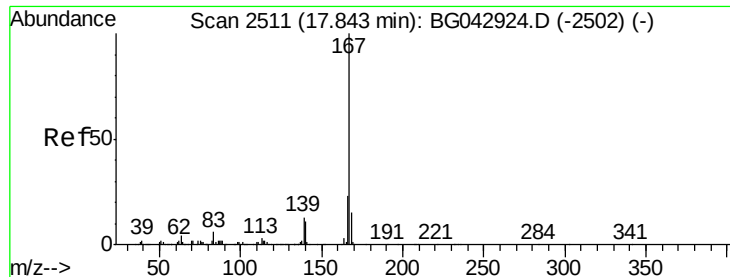
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	16.6	14.1	21.1



#72
Anthracene
Concen: 49.291 ng
RT: 17.56 min Scan# 2463
Delta R.T. 0.00 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	17.2	13.5	20.3





#73

Carbazole

Concen: 48.206 ng

RT: 17.83 min Scan# 2509

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampled :

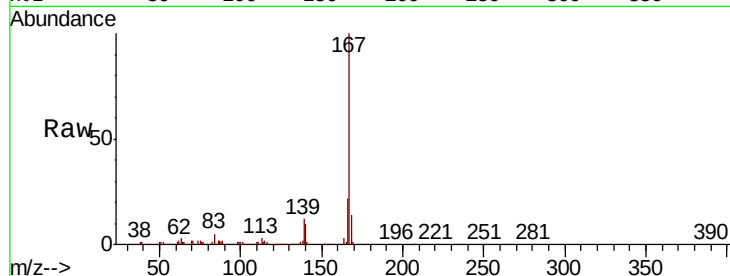
Tot Ion:167 Resp: 691229

Ion Ratio Lower Upper

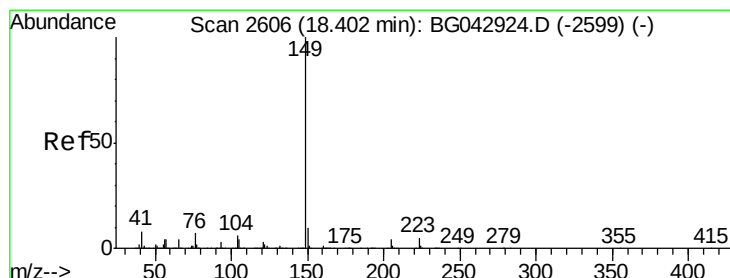
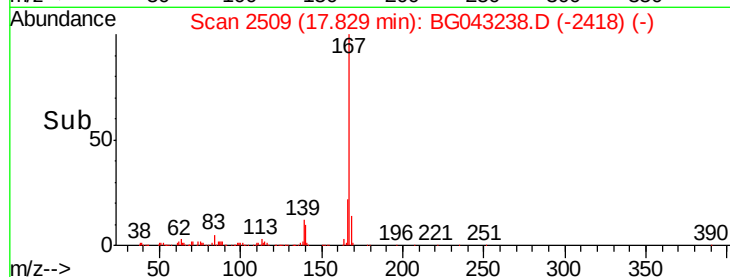
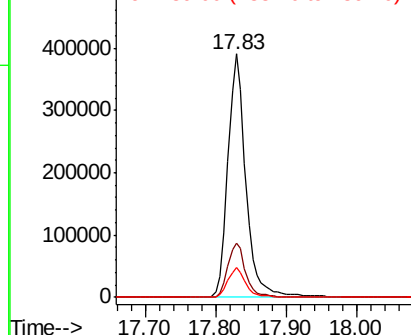
167 100

166 22.4 18.6 28.0

139 12.1 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.268 ng

RT: 18.38 min Scan# 2603

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

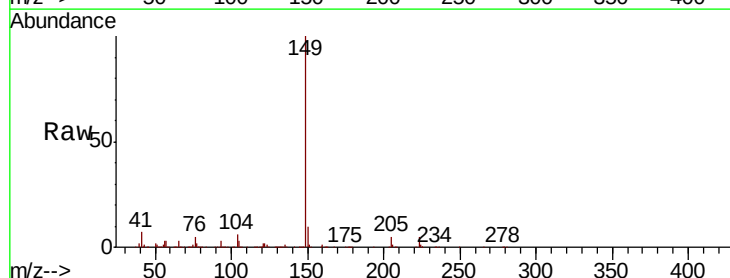
Tgt Ion:149 Resp: 791570

Ion Ratio Lower Upper

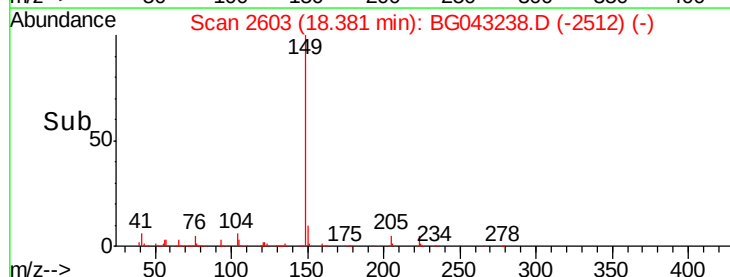
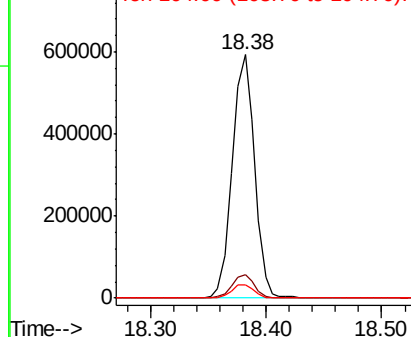
149 100

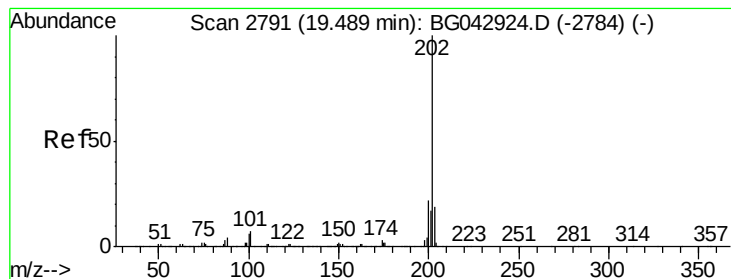
150 9.5 7.7 11.5

104 5.6 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.836 ng

RT: 19.47 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG043238.D

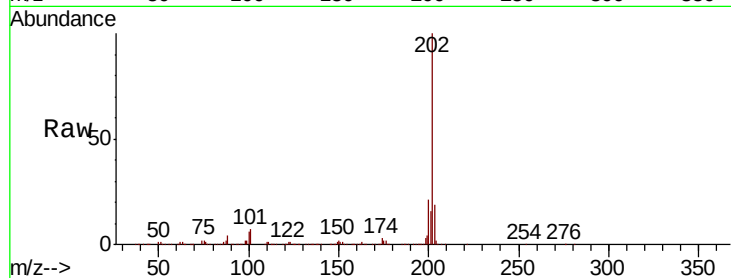
Acq: 16 Oct 2019 5:34

Instrument :

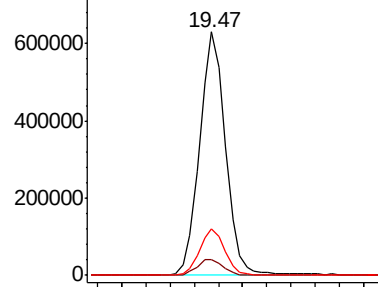
BNA_G

ClientSampleId :

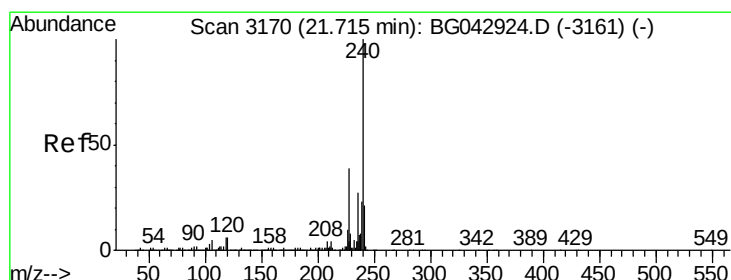
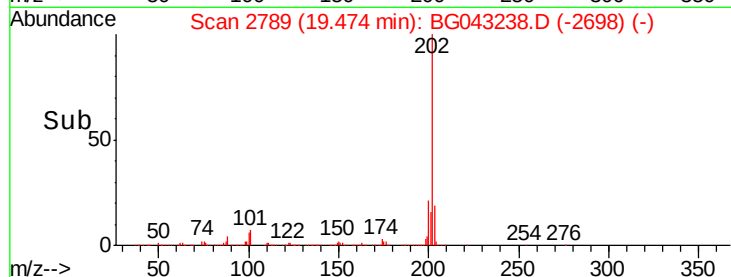
Tot Ion:	202	Resp:	939050
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	27.3
203	19.0	0.0	39.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

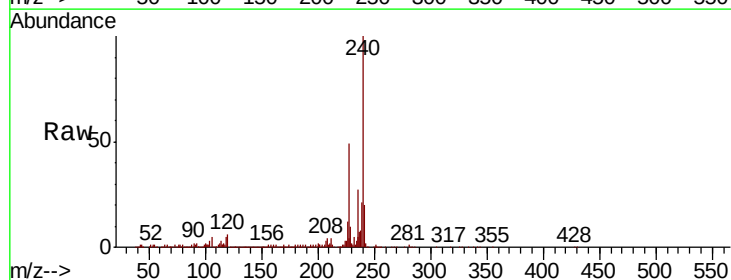
RT: 21.70 min Scan# 3168

Delta R.T. 0.01 min

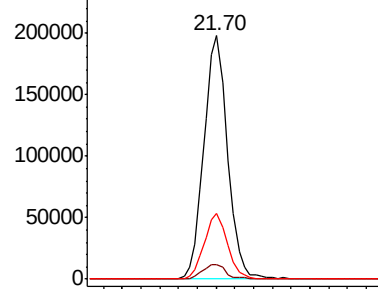
Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

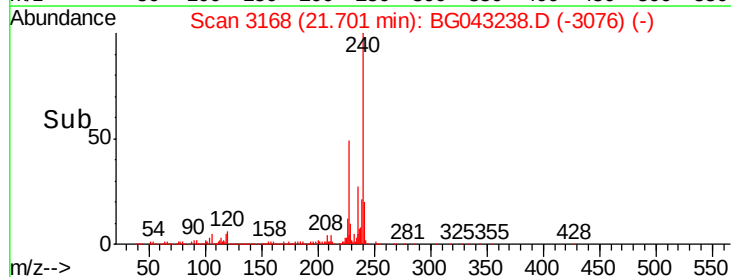
Tgt Ion:	240	Resp:	346463
Ion Ratio	Lower	Upper	
240	100		
120	6.0	4.8	7.2
236	27.1	21.4	32.0

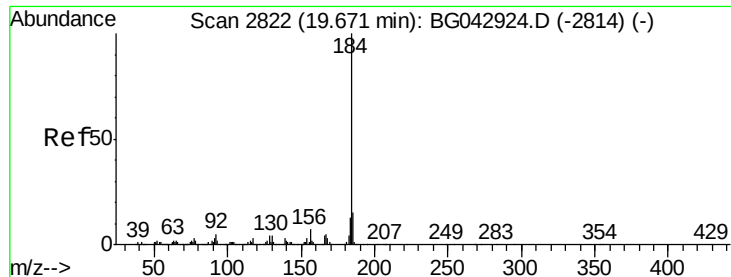


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 15.987 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

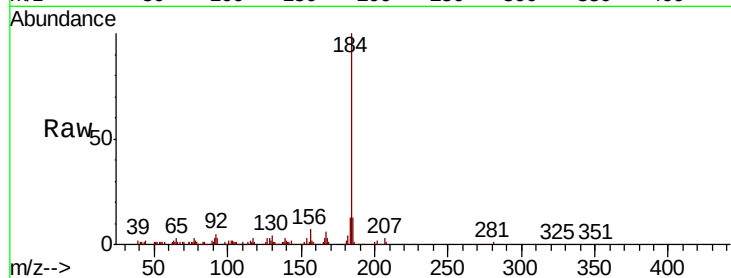
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 138689

Ion	Ratio	Lower	Upper
184	100		
185	13.3	11.8	17.8
183	12.9	10.1	15.1

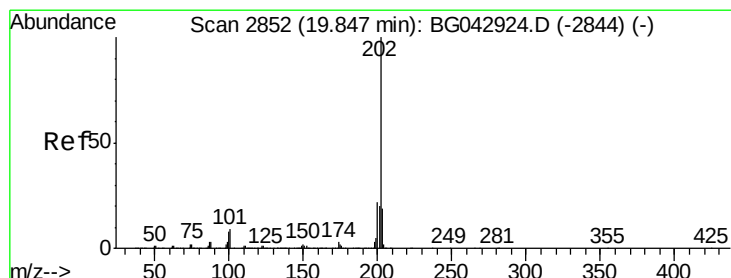
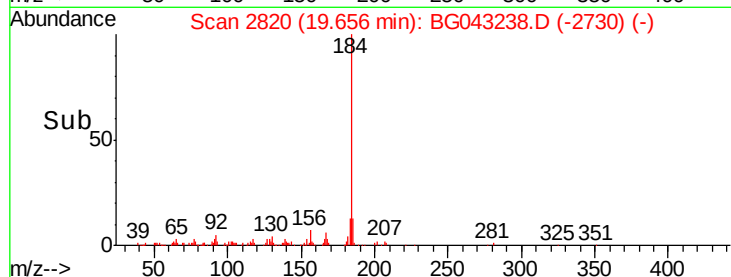
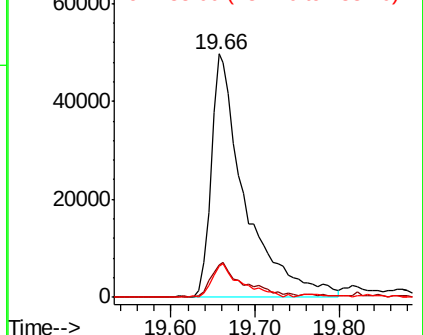


Abundance

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: 46.658 ng

RT: 19.84 min Scan# 2851

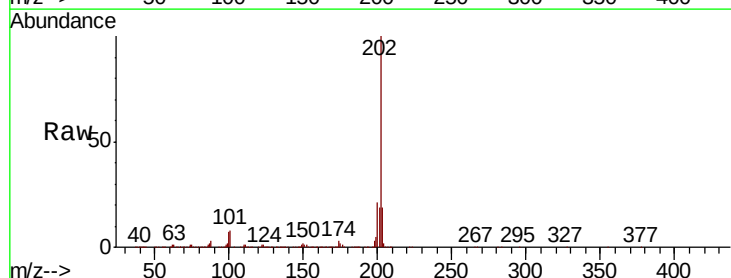
Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tgt Ion:202 Resp: 964841

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	18.5	15.2	22.8

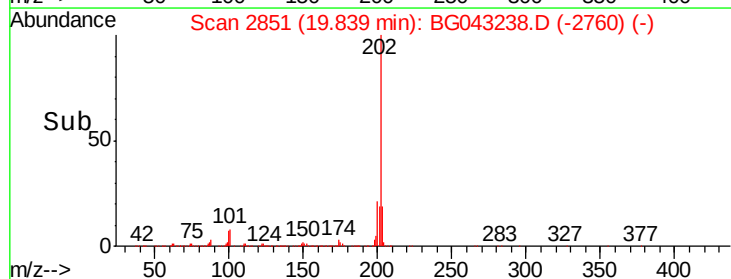
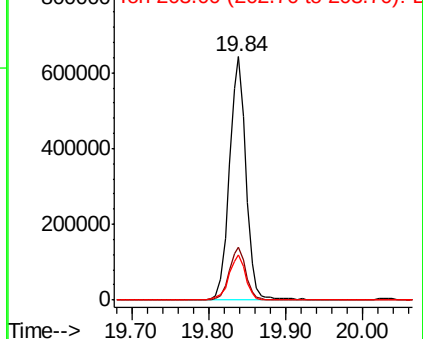


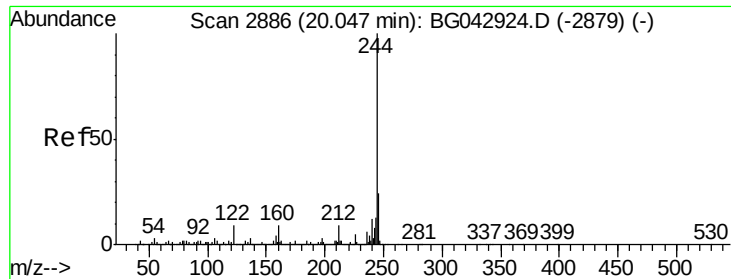
Abundance

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: 99.495 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

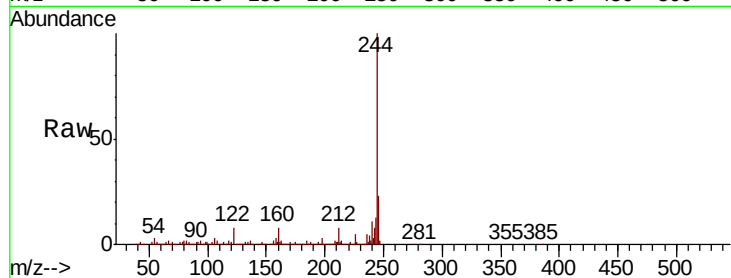
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1617705

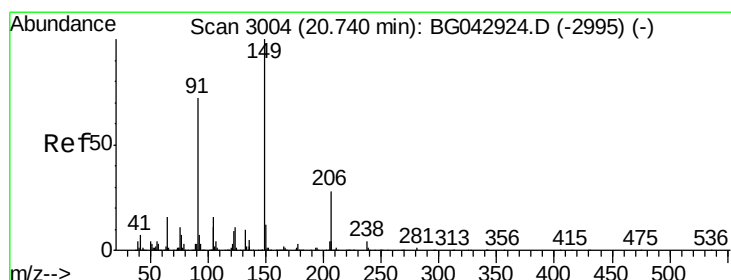
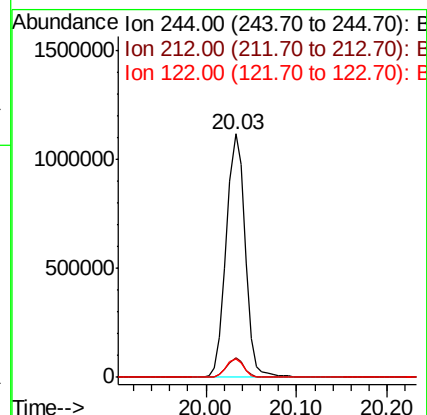
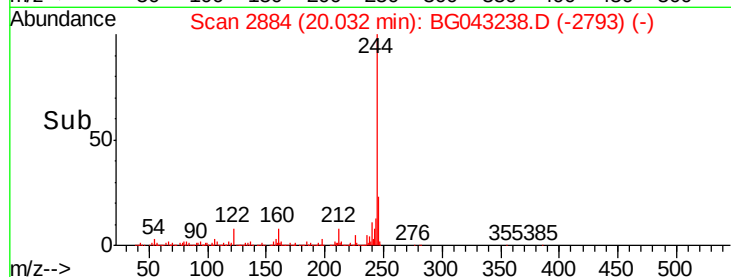
Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.4	11.0
122	7.7	7.0	10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.303 ng

RT: 20.72 min Scan# 3001

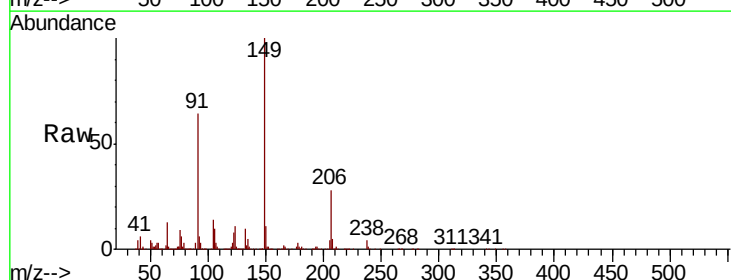
Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tgt Ion:149 Resp: 371295

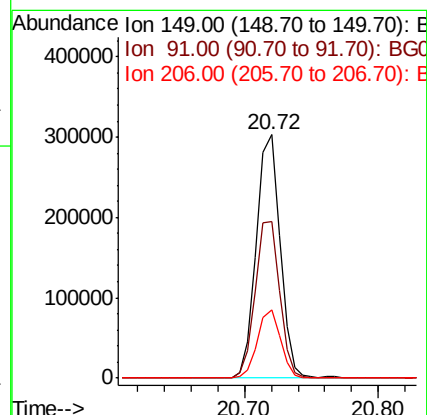
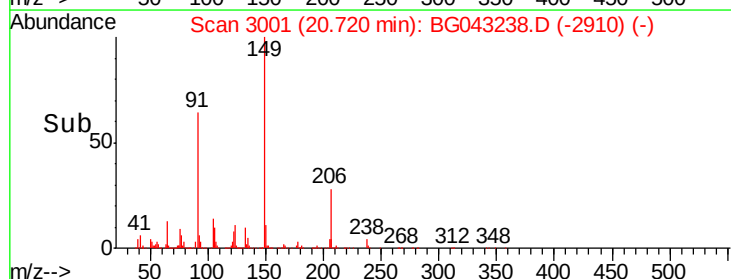
Ion	Ratio	Lower	Upper
149	100		
91	64.2	57.7	86.5
206	28.0	22.6	33.8

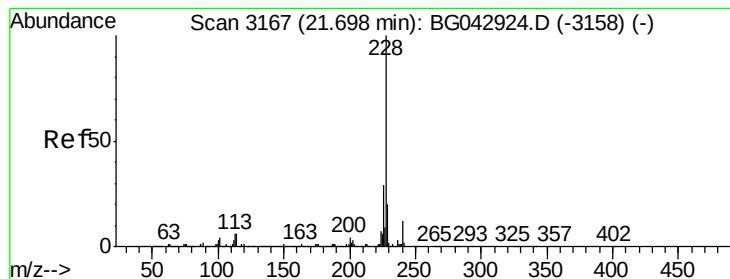


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.066 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampleId :

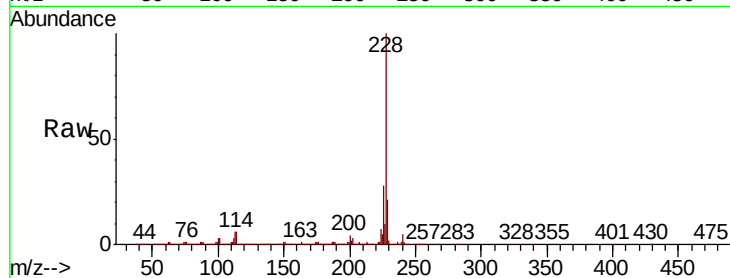
Tot Ion:228 Resp: 994473

Ion Ratio Lower Upper

228 100

226 27.5 23.0 34.4

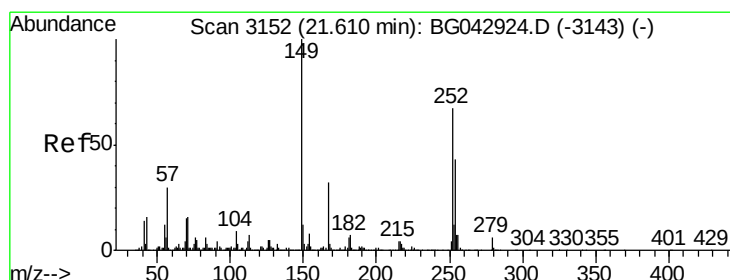
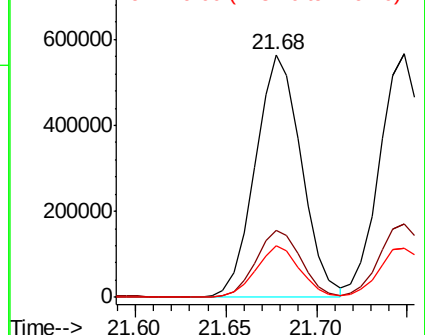
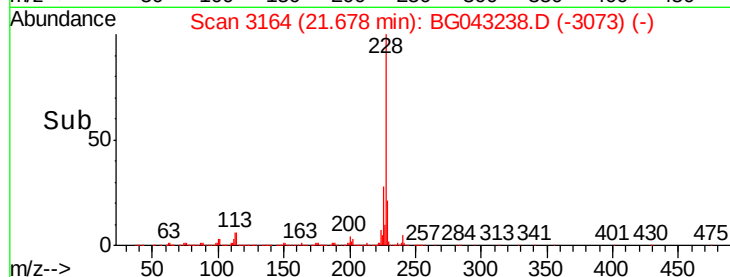
229 21.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.411 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

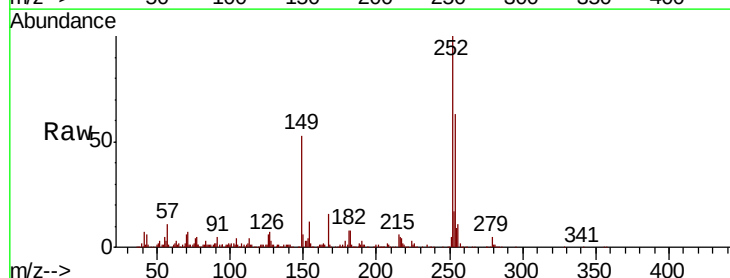
Tgt Ion:252 Resp: 342158

Ion Ratio Lower Upper

252 100

254 62.6 51.9 77.9

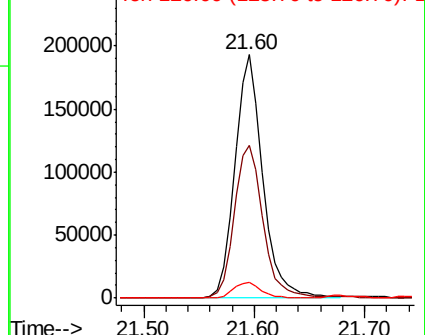
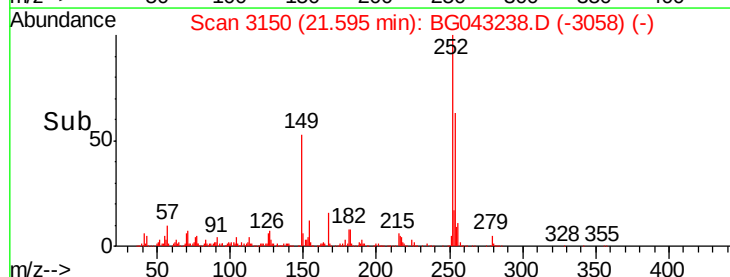
126 6.5 6.1 9.1

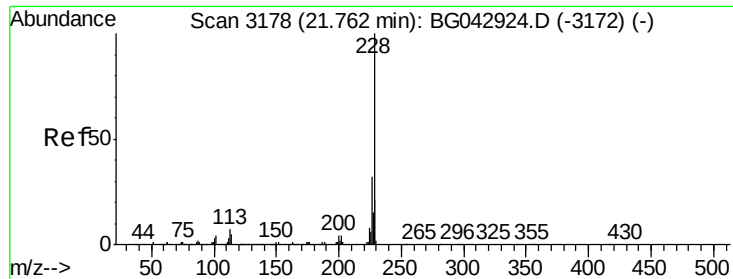


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.397 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.01 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

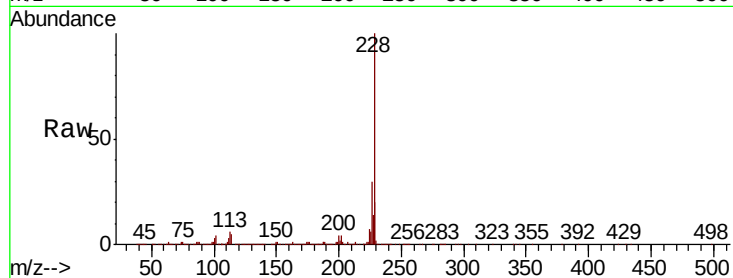
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 971999

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.6	38.4
229	20.2	16.9	25.3

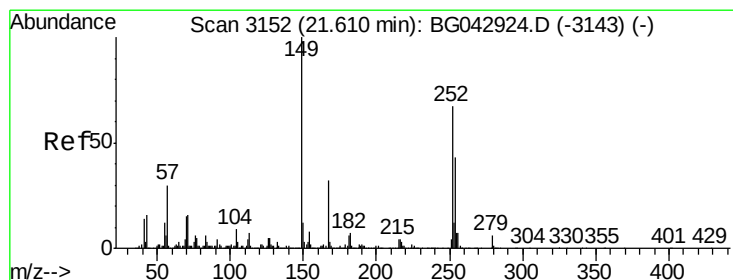
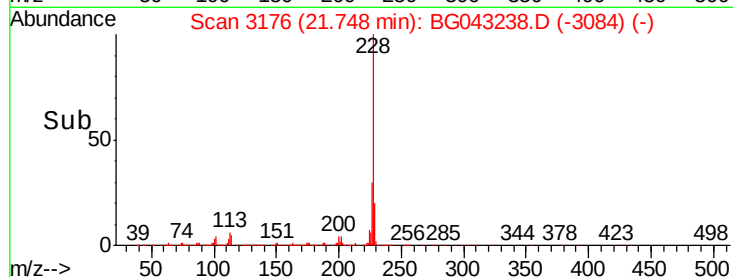
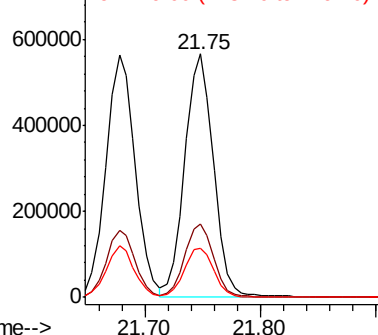


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.456 ng

RT: 21.58 min Scan# 3148

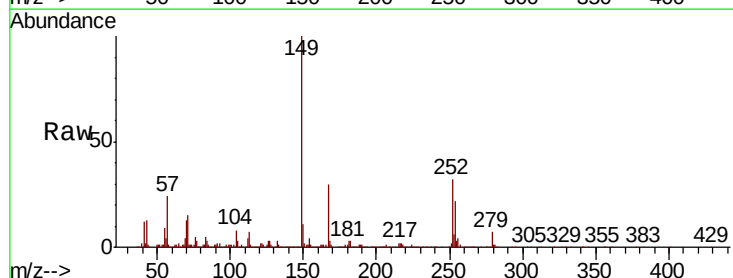
Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Tgt Ion:149 Resp: 530041

Ion	Ratio	Lower	Upper
149	100		
167	29.5	25.4	38.2
279	6.8	5.1	7.7

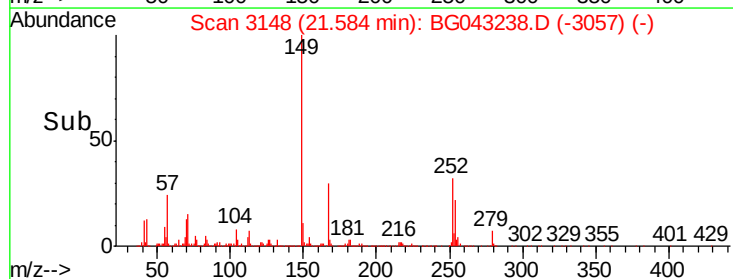
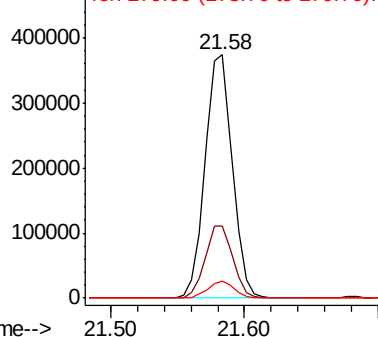


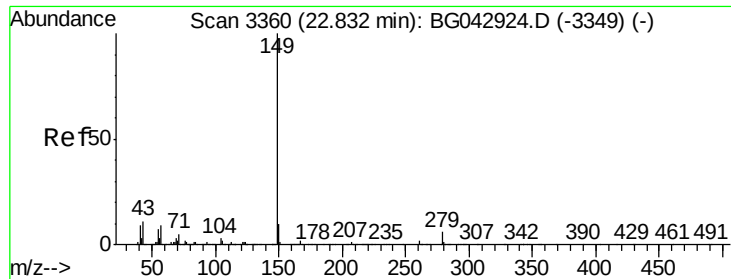
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.590 ng

RT: 22.79 min Scan# 3354

Delta R.T. 0.00 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

Instrument :

BNA_G

ClientSampleId :

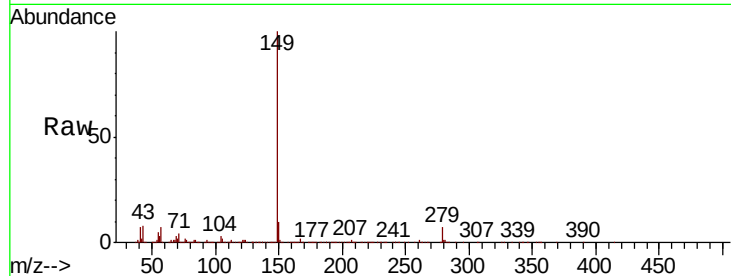
Tot Ion:149 Resp: 905692

Ion Ratio Lower Upper

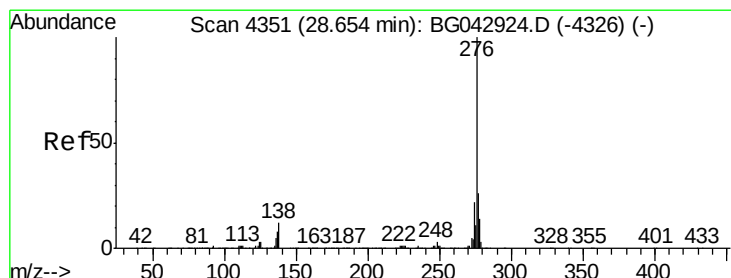
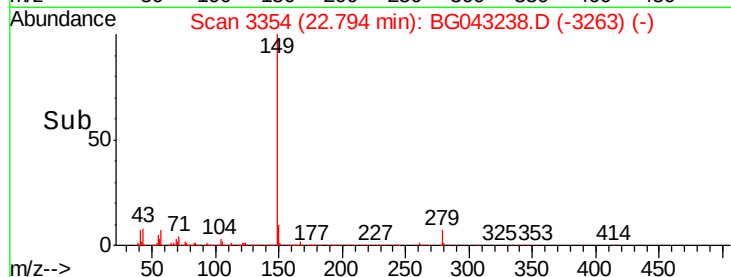
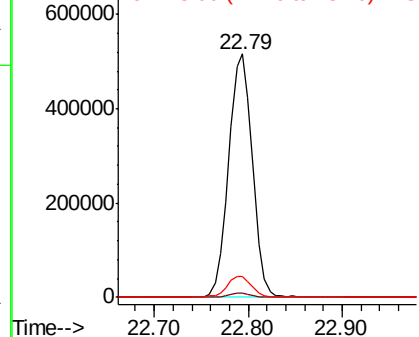
149 100

167 1.7 1.4 2.0

43 8.5 8.7 13.1#



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.596 ng

RT: 28.60 min Scan# 4343

Delta R.T. 0.02 min

Lab File: BG043238.D

Acq: 16 Oct 2019 5:34

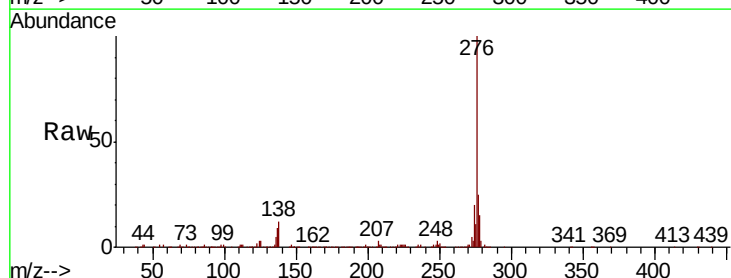
Tgt Ion:276 Resp: 1163075

Ion Ratio Lower Upper

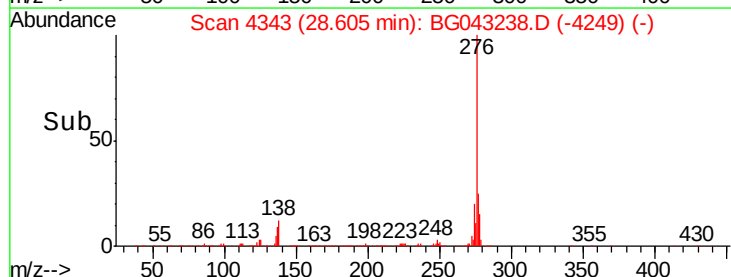
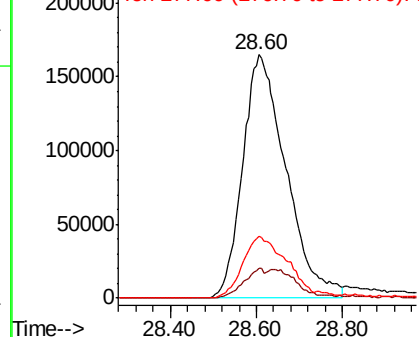
276 100

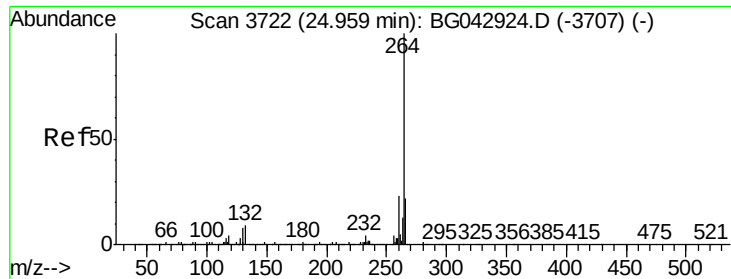
138 5.7 7.0 10.6#

277 26.4 20.9 31.3



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

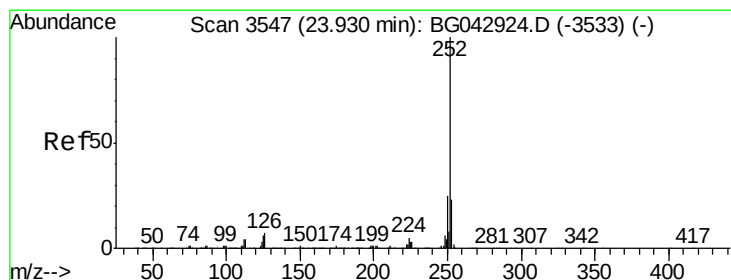
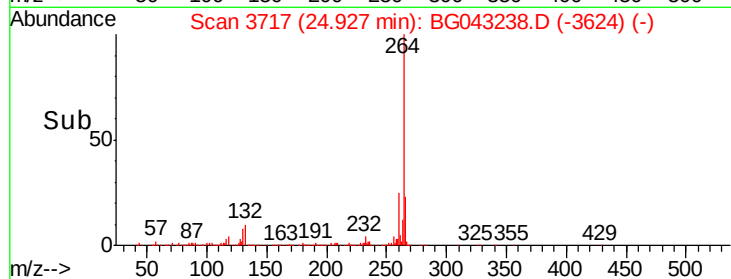
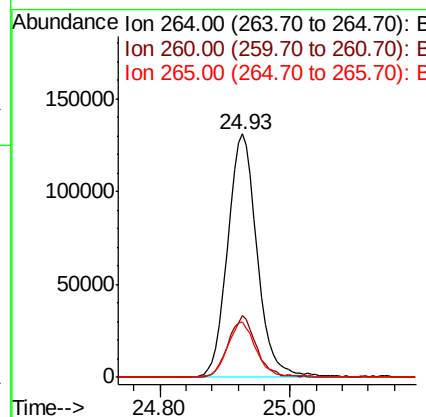
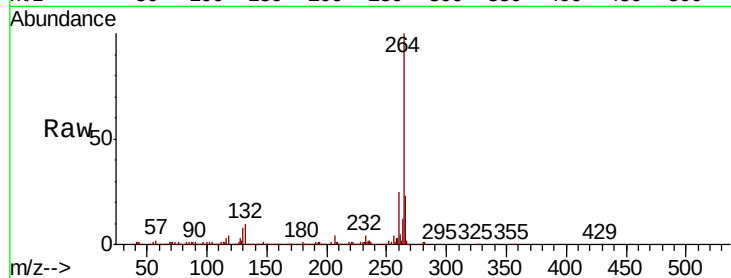




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.02 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

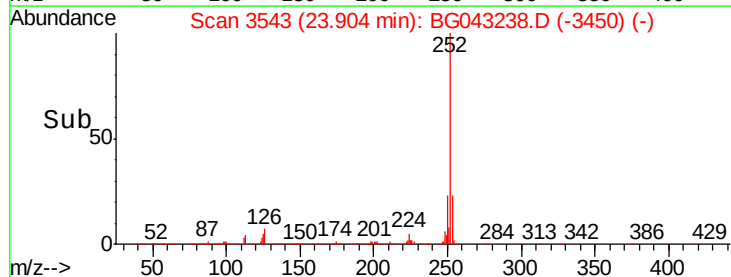
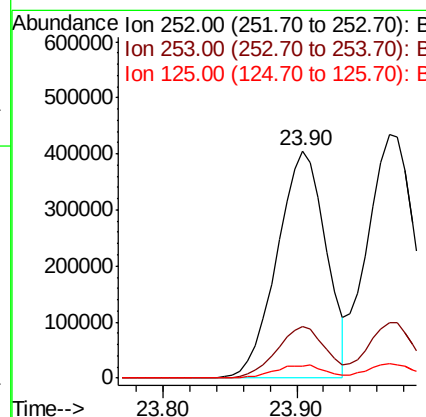
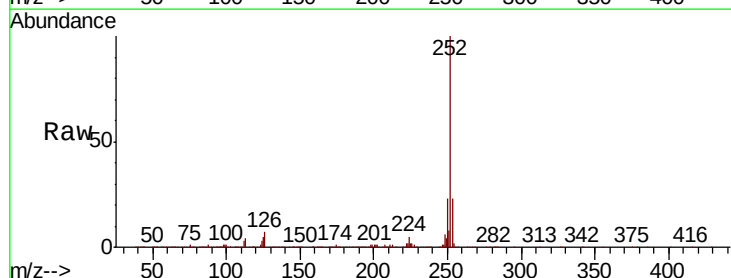
Instrument :
BNA_G
ClientSampleId :

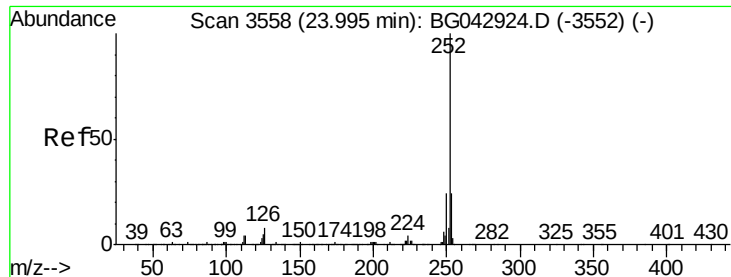
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.7	28.1
265	22.5	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 44.362 ng
RT: 23.90 min Scan# 3543
Delta R.T. 0.02 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	5.2	4.6	7.0

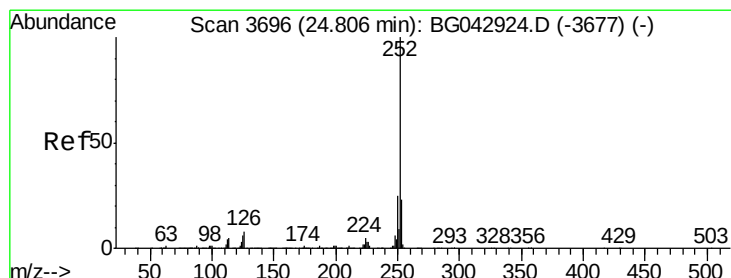
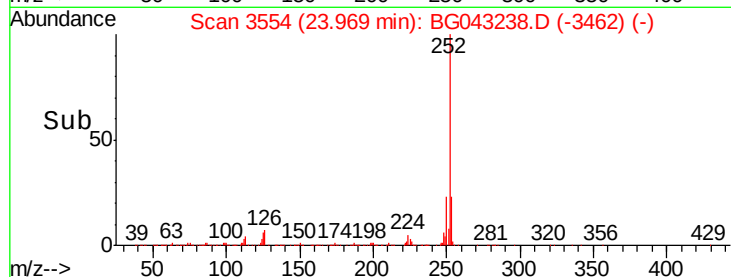
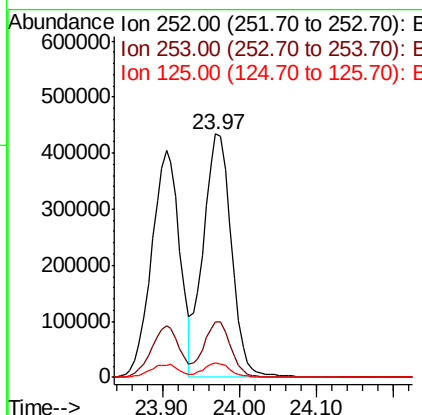
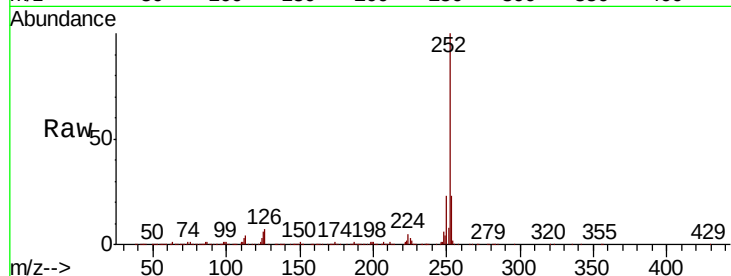




#89
Benzo(k)fluoranthene
Concen: 47.486 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.01 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

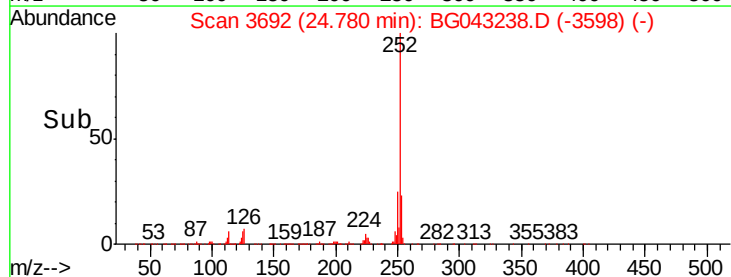
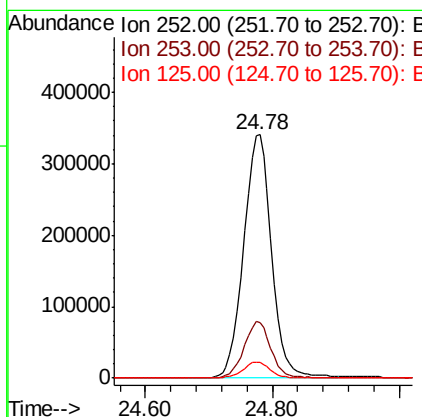
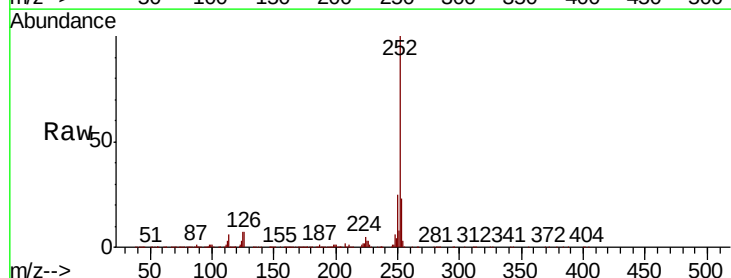
Instrument :
BNA_G
ClientSampleId :

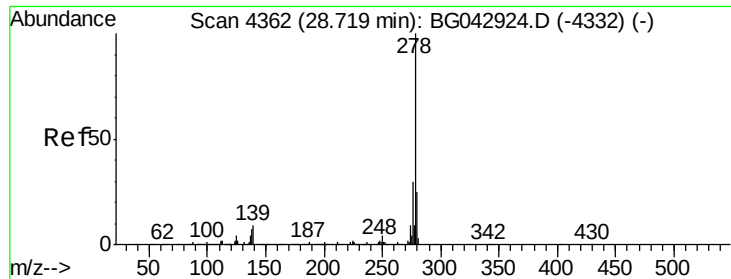
Tot Ion:252 Resp: 1090240
Ion Ratio Lower Upper
252 100
253 22.6 18.9 28.3
125 5.9 4.5 6.7



#90
Benzo(a)pyrene
Concen: 47.619 ng
RT: 24.78 min Scan# 3692
Delta R.T. 0.02 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion:252 Resp: 1042659
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 6.5 5.0 7.6

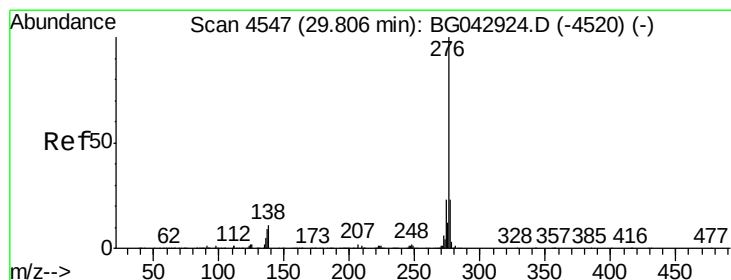
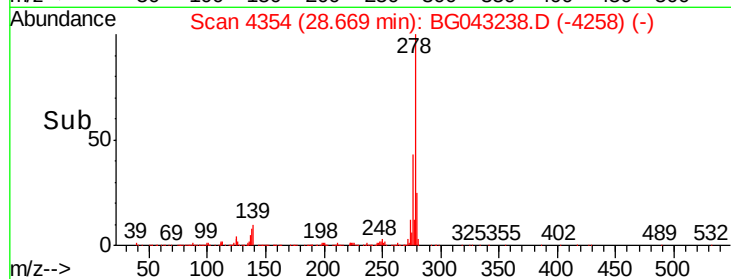
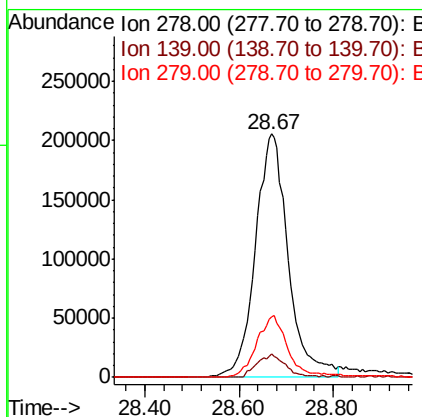
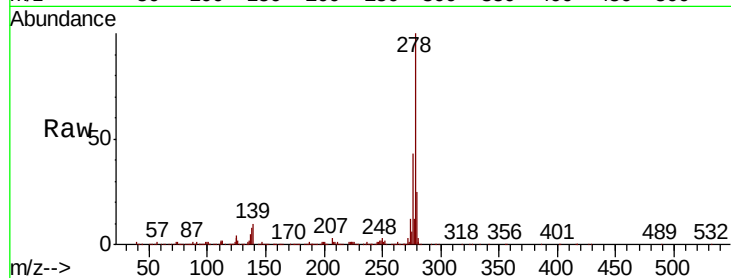




#91
Dibenzo(a,h)anthracene
Concen: 44.543 ng
RT: 28.67 min Scan# 4354
Delta R.T. 0.03 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1000091
Ion Ratio Lower Upper
278 100
139 9.7 6.8 10.2
279 25.1 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 40.031 ng
RT: 29.76 min Scan# 4539
Delta R.T. 0.03 min
Lab File: BG043238.D
Acq: 16 Oct 2019 5:34

Tgt Ion:276 Resp: 870865
Ion Ratio Lower Upper
276 100
277 22.6 18.4 27.6
138 11.2 8.6 12.8

