

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100519\
 Data File : BG043048.D
 Acq On : 5 Oct 2019 10:27
 Operator : JU
 Sample : PB123594BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Quant Time: Oct 06 23:51:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	96171	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	356021	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	250331	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	571879	20.00	ng	0.00
76) Chrysene-d12	21.69	240	600204	20.00	ng	-0.02
87) Perylene-d12	24.91	264	607617	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	600645	111.46	ng	0.00
7) Phenol-d6	7.24	99	802977	103.47	ng	0.00
23) Nitrobenzene-d5	9.22	82	475602	64.93	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	470819	109.38	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1156671	66.98	ng	-0.01
79) Terphenyl-d14	20.03	244	1940771	68.90	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	77215	34.367	ng	87
3) Pyridine	3.94	79	190106	30.083	ng	89
4) n-Nitrosodimethylamine	3.86	42	117194	38.565	ng	# 80
6) Aniline	7.39	93	312269	33.335	ng	98
8) 2-Chlorophenol	7.63	128	254903	45.357	ng	97
9) Benzaldehyde	7.20	77	125961	26.562	ng	88
10) Phenol	7.27	94	313692	44.059	ng	91
11) bis(2-Chloroethyl)ether	7.48	93	220968	40.112	ng	93
12) 1,3-Dichlorobenzene	7.95	146	285650	39.844	ng	98
13) 1,4-Dichlorobenzene	8.10	146	292774	40.966	ng	97
14) 1,2-Dichlorobenzene	8.42	146	270107	39.698	ng	97
15) Benzyl Alcohol	8.30	79	248067	42.518	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	324958	30.716	ng	95
17) 2-Methylphenol	8.51	107	212742	42.704	ng	97
18) Hexachloroethane	9.14	117	104022	38.647	ng	95
19) n-Nitroso-di-n-propylamine	8.87	70	188335	36.960	ng	92
20) 3+4-Methylphenols	8.84	107	296657	43.453	ng	98
22) Acetophenone	8.89	105	372344	40.573	ng	# 95
24) Nitrobenzene	9.27	77	288827	41.340	ng	96
25) Isophorone	9.79	82	526400	40.913	ng	98
26) 2-Nitrophenol	9.97	139	145965	49.077	ng	98
27) 2,4-Dimethylphenol	10.04	122	239796	52.499	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	300784	41.204	ng	98
29) 2,4-Dichlorophenol	10.52	162	277191	48.795	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	302187	41.193	ng	98
31) Naphthalene	10.92	128	744874	42.502	ng	98
32) Benzoic acid	10.20	122	153256	43.909	ng	98
33) 4-Chloroaniline	11.02	127	245865	32.330	ng	97
34) Hexachlorobutadiene	11.20	225	211747	38.550	ng	98
35) Caprolactam	11.81	113	48115	24.018	ng	# 86
36) 4-Chloro-3-methylphenol	12.15	107	287724	46.583	ng	96
37) 2-Methylnaphthalene	12.52	142	570400	42.663	ng	96
38) 1-Methylnaphthalene	12.73	142	531792	42.036	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	374570	39.796	ng	99

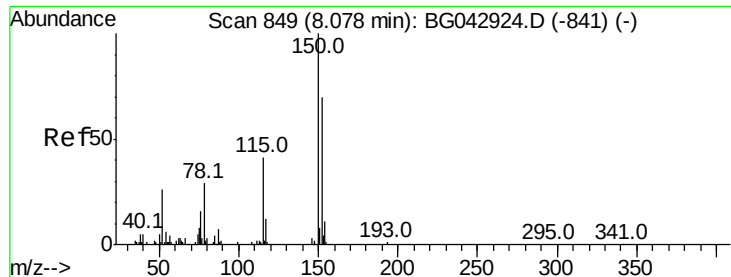
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100519\
 Data File : BG043048.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	445169	74.231	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	245426	44.550	ng	94
44) 2,4,5-Trichlorophenol	13.20	196	262606	46.273	ng	97
46) 1,1'-Biphenyl	13.52	154	761565	40.117	ng	99
47) 2-Chloronaphthalene	13.56	162	600161	42.167	ng	98
48) 2-Nitroaniline	13.76	65	189682	40.075	ng	88
49) Acenaphthylene	14.41	152	939525	43.140	ng	99
50) Dimethylphthalate	14.14	163	761572	40.603	ng	99
51) 2,6-Dinitrotoluene	14.26	165	179619	44.969	ng	90
52) Acenaphthene	14.75	154	572235	39.255	ng	99
53) 3-Nitroaniline	14.59	138	143475	34.757	ng	92
54) 2,4-Dinitrophenol	14.79	184	210018	84.590	ng	94
55) Dibenzofuran	15.08	168	911440	42.266	ng	100
56) 4-Nitrophenol	14.91	139	282517	89.825	ng	94
57) 2,4-Dinitrotoluene	15.04	165	249859	42.716	ng	94
58) Fluorene	15.73	166	759438	41.250	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	258596	42.796	ng	100
60) Diethylphthalate	15.50	149	753609	39.480	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	448342	40.605	ng	99
62) 4-Nitroaniline	15.75	138	182142	40.458	ng	97
63) Azobenzene	16.01	77	669655	38.533	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	155822	48.152	ng	94
66) n-Nitrosodiphenylamine	15.94	169	676959	44.841	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	309947	43.182	ng	98
68) Hexachlorobenzene	16.74	284	342846	42.900	ng	97
69) Atrazine	16.88	200	258650	40.686	ng	96
70) Pentachlorophenol	17.08	266	415973	90.204	ng	99
71) Phenanthrene	17.47	178	1166510	41.781	ng	98
72) Anthracene	17.56	178	1189931	42.692	ng	98
73) Carbazole	17.83	167	1098379	42.496	ng	98
74) Di-n-butylphthalate	18.39	149	1253516	40.648	ng	100
75) Fluoranthene	19.47	202	1502355	40.683	ng	99
77) Benzidine	19.66	184	441781	29.396	ng	99
78) Pyrene	19.84	202	1501977	41.927	ng	98
80) Butylbenzylphthalate	20.72	149	589162	43.327	ng	98
81) Benzo(a)anthracene	21.68	228	1562791	41.788	ng	97
82) 3,3'-Dichlorobenzidine	21.59	252	599718	40.886	ng	97
83) Chrysene	21.74	228	1508649	41.569	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	844555	43.649	ng	99
85) Di-n-octyl phthalate	22.79	149	1424195	45.013	ng	96
86) Indeno(1,2,3-cd)pyrene	28.59	276	2025959	44.841	ng	# 95
88) Benzo(b)fluoranthene	23.90	252	1683231	48.959	ng	98
89) Benzo(k)fluoranthene	23.96	252	1676703	49.298	ng	100
90) Benzo(a)pyrene	24.77	252	1663448	51.283	ng	99
91) Dibenzo(a,h)anthracene	28.66	278	1721506	51.757	ng	99
92) Benzo(g,h,i)perylene	29.74	276	1692677	52.523	ng	100

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

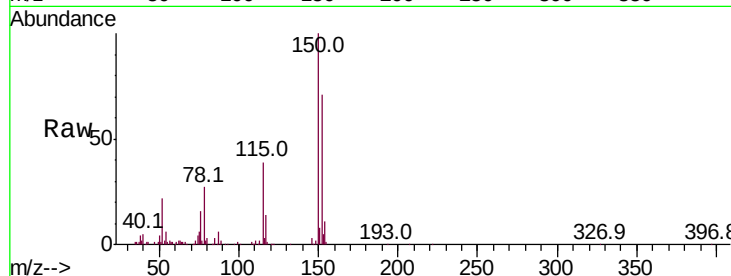


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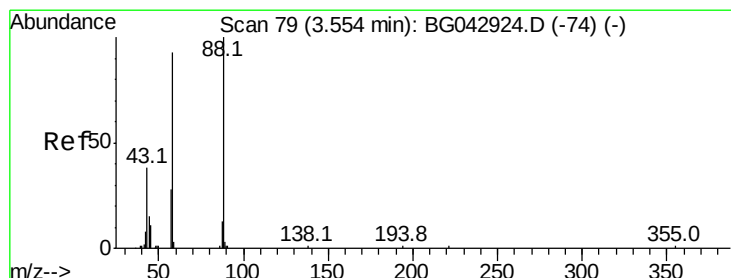
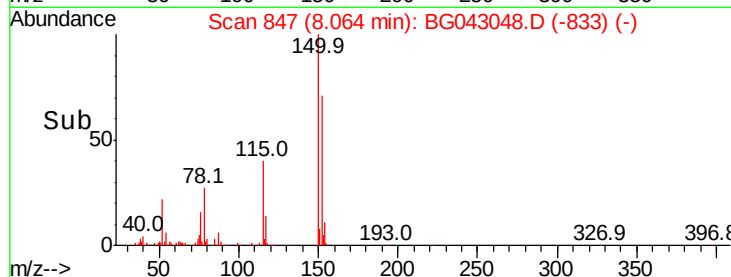
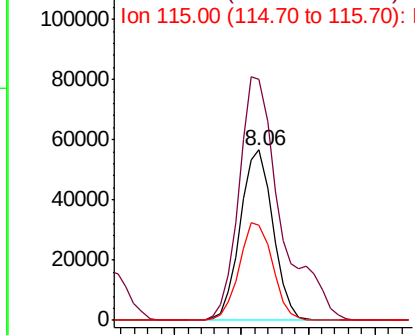
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG043048.D
 Acq: 5 Oct 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Tot Ion:152 Resp: 96171
 Ion Ratio Lower Upper
 152 100
 150 141.5 115.0 172.4
 115 55.7 47.0 70.6



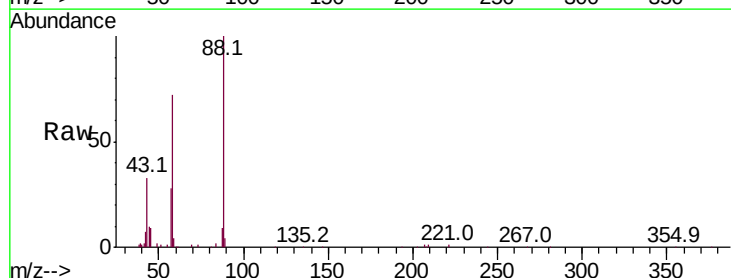
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



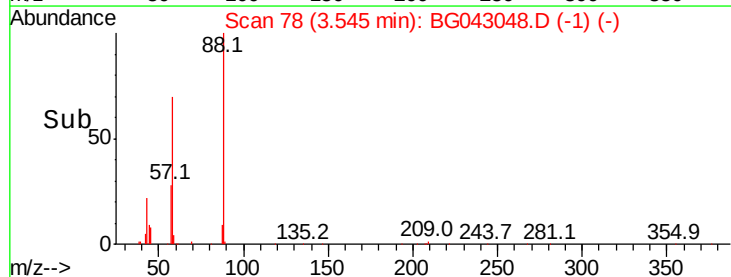
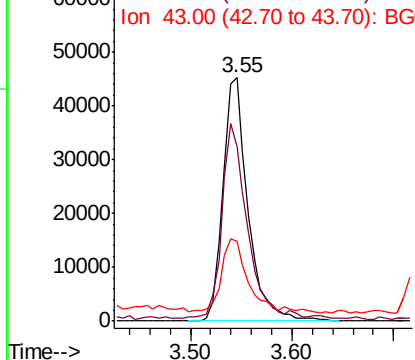
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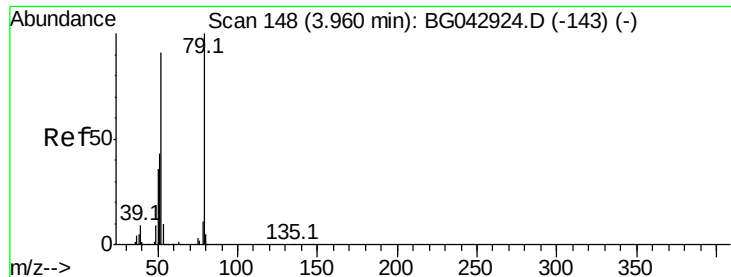
1,4-Dioxane
 Concen: 34.367 ng
 RT: 3.55 min Scan# 78
 Delta R.T. -0.01 min
 Lab File: BG043048.D
 Acq: 5 Oct 2019 10:27

Tgt Ion: 88 Resp: 77215
 Ion Ratio Lower Upper
 88 100
 58 79.7 74.3 111.5
 43 29.9 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: 30.083 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

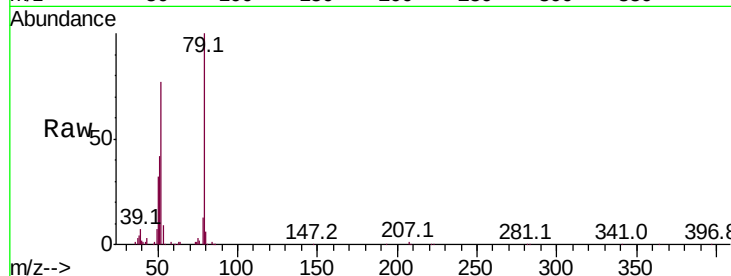
Tot Ion: 79 Resp: 190106

Ion Ratio Lower Upper

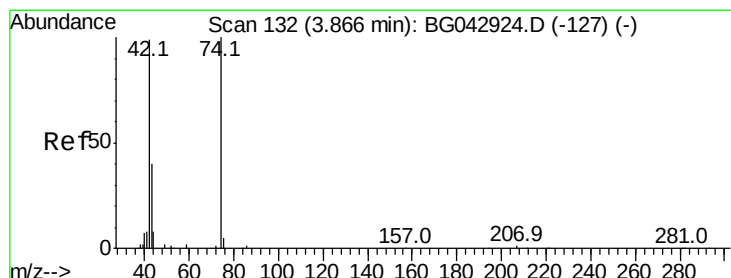
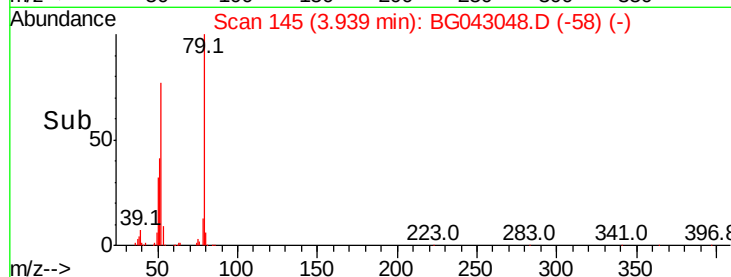
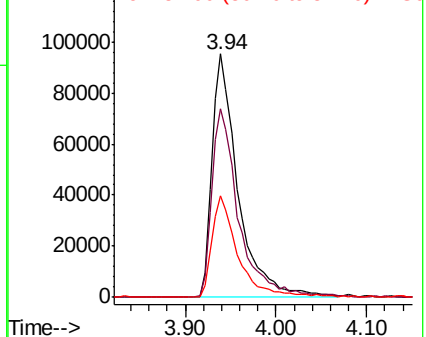
79 100

52 77.5 73.0 109.4

51 41.7 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: 38.565 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

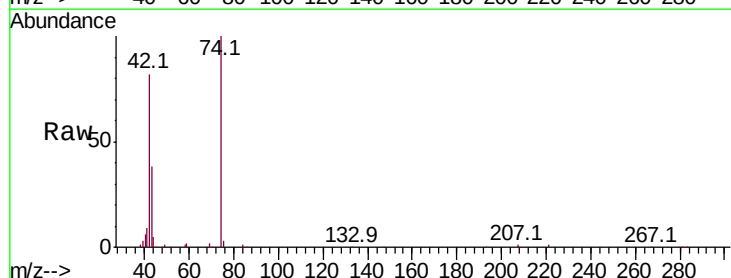
Tgt Ion: 42 Resp: 117194

Ion Ratio Lower Upper

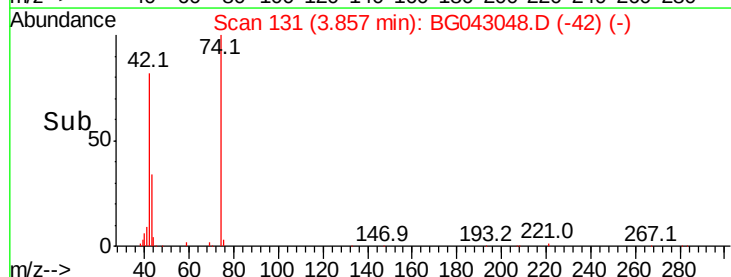
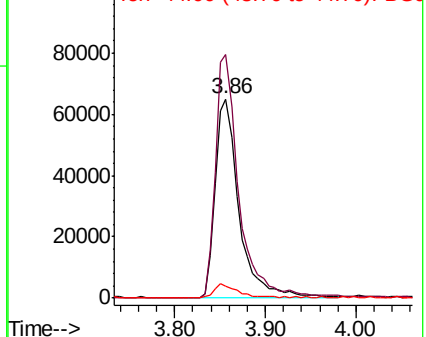
42 100

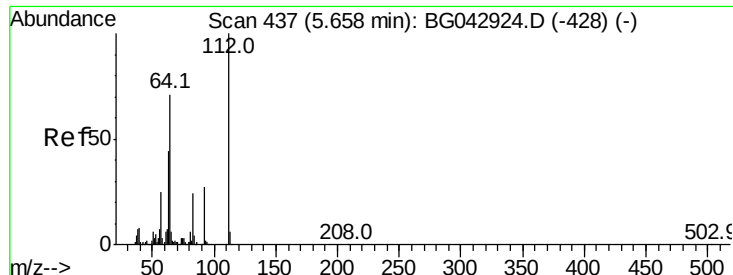
74 122.2 80.5 120.7#

44 5.8 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: 111.460 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

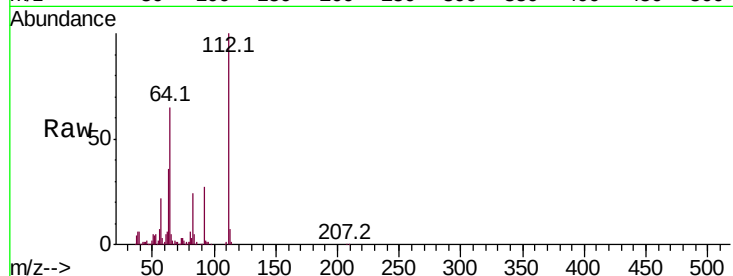
Tot Ion:112 Resp: 600645

Ion Ratio Lower Upper

112 100

64 64.7 56.6 84.8

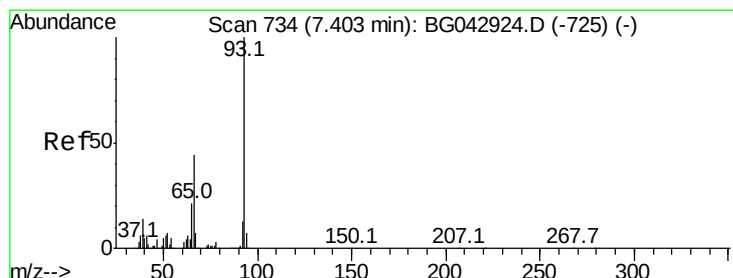
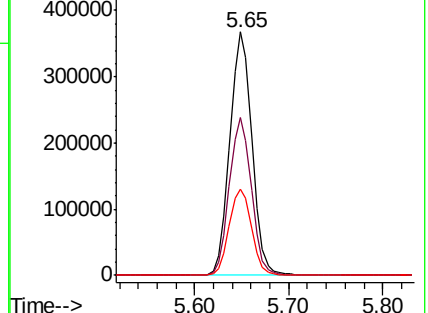
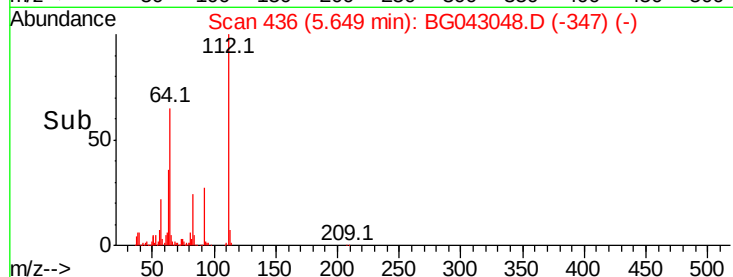
63 35.5 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.335 ng

RT: 7.39 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

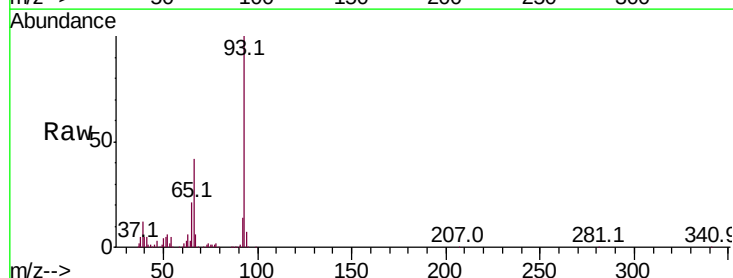
Tgt Ion: 93 Resp: 312269

Ion Ratio Lower Upper

93 100

66 42.3 35.0 52.6

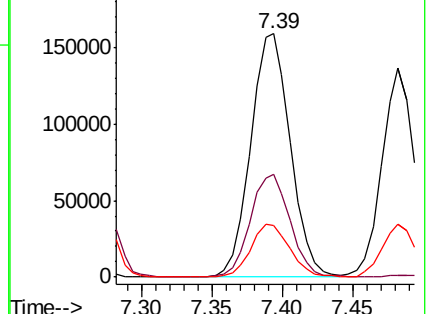
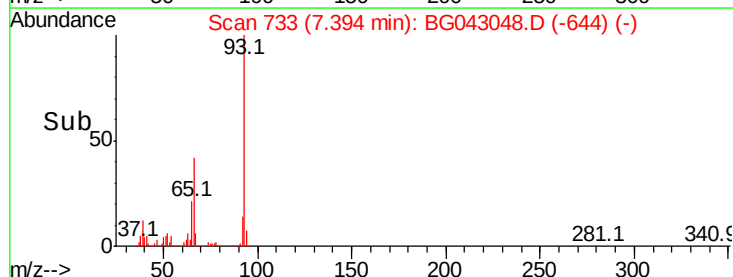
65 21.3 17.4 26.0

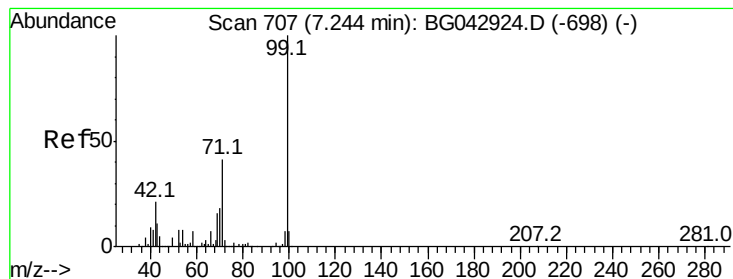


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 103.472 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

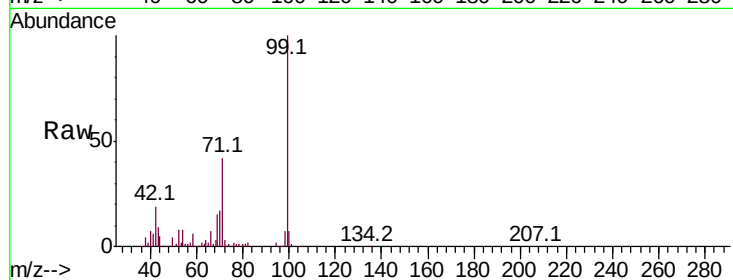
Tot Ion: 99 Resp: 802977

Ion Ratio Lower Upper

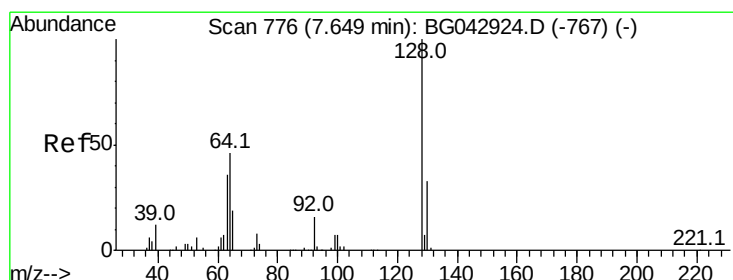
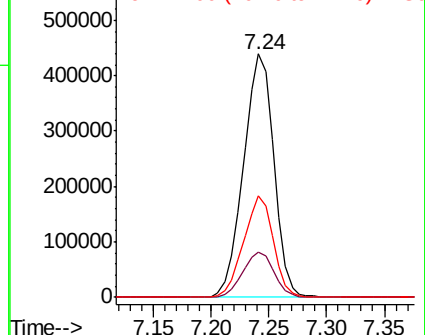
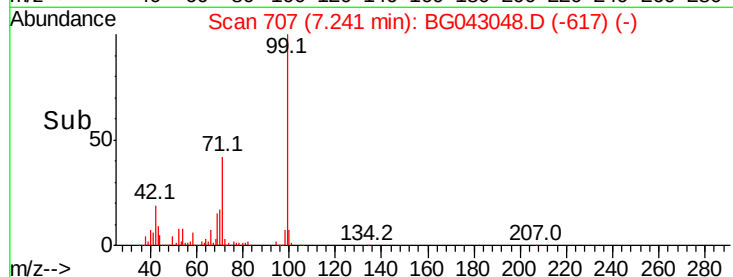
99 100

42 18.7 17.2 25.8

71 41.7 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: 45.357 ng

RT: 7.63 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

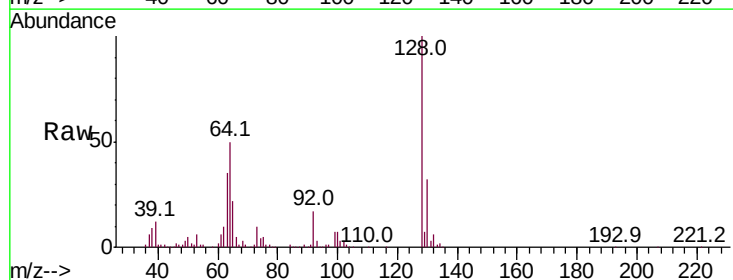
Tgt Ion: 128 Resp: 254903

Ion Ratio Lower Upper

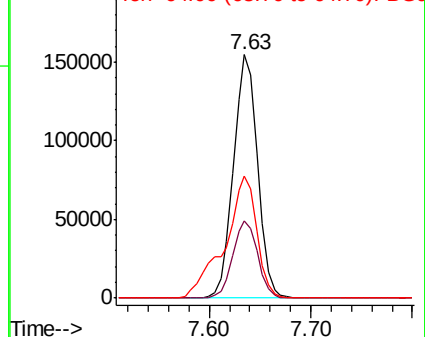
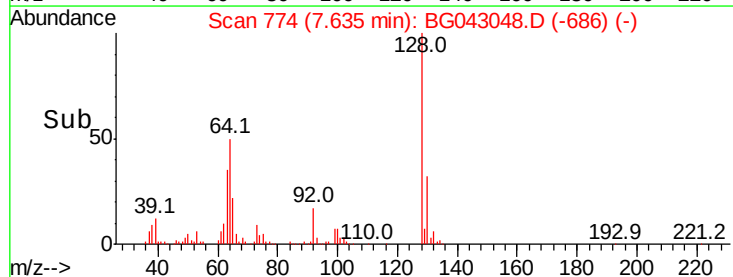
128 100

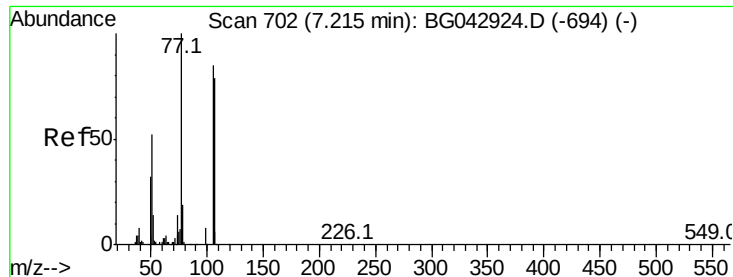
130 31.9 12.5 52.5

64 50.2 32.8 72.8



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





#9

Benzaldehyde

Concen: 26.562 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

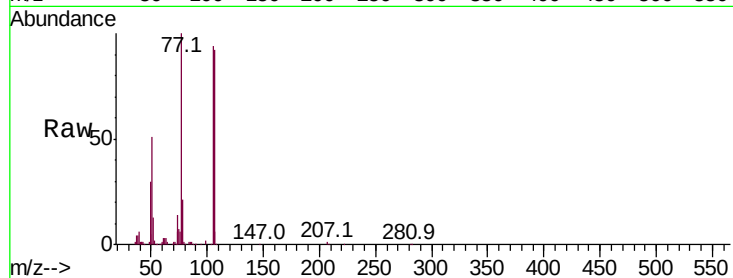
Tot Ion: 77 Resp: 125961

Ion Ratio Lower Upper

77 100

105 93.6 64.6 104.6

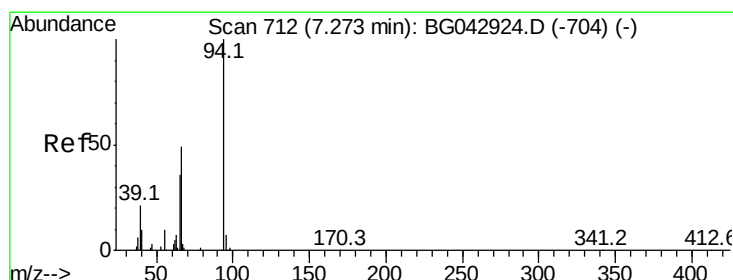
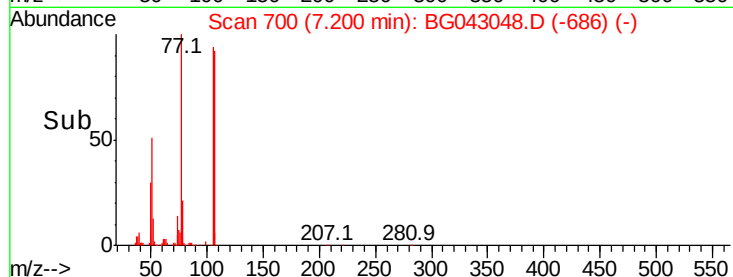
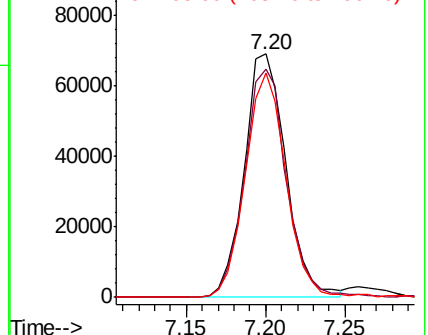
106 92.1 59.4 99.4



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: 44.059 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

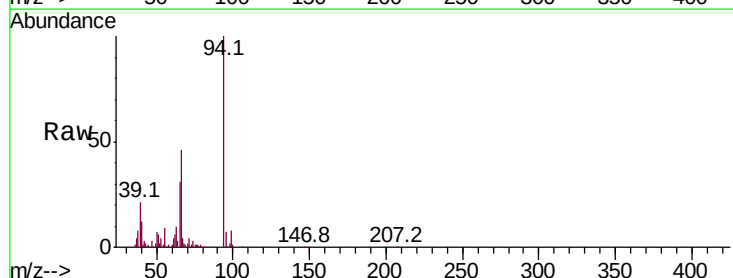
Tgt Ion: 94 Resp: 313692

Ion Ratio Lower Upper

94 100

65 31.3 16.6 56.6

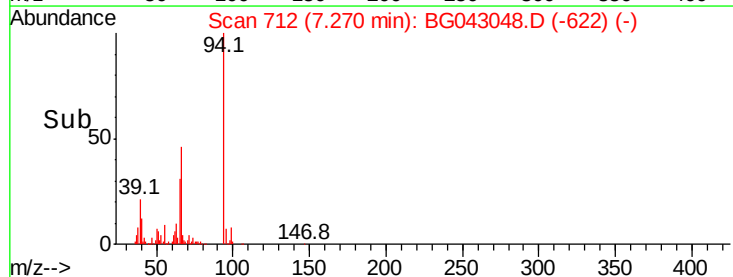
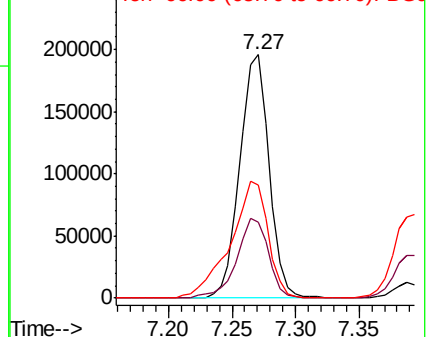
66 46.4 32.4 72.4

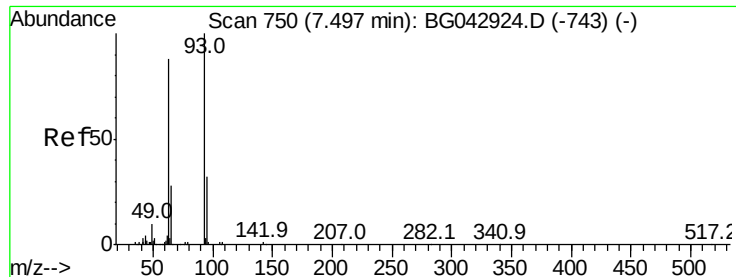


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.112 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

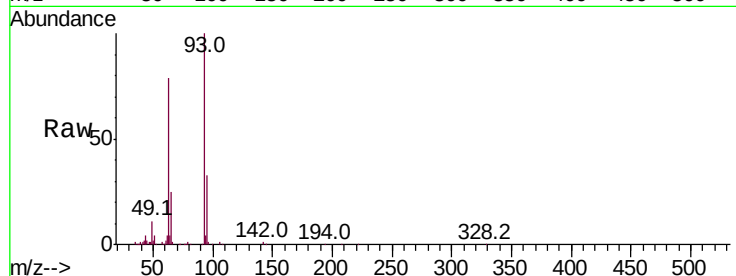
Tot Ion: 93 Resp: 220968

Ion Ratio Lower Upper

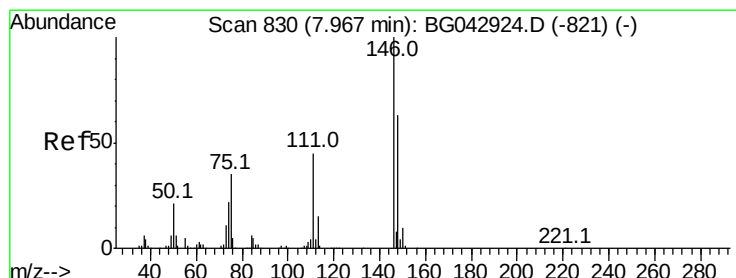
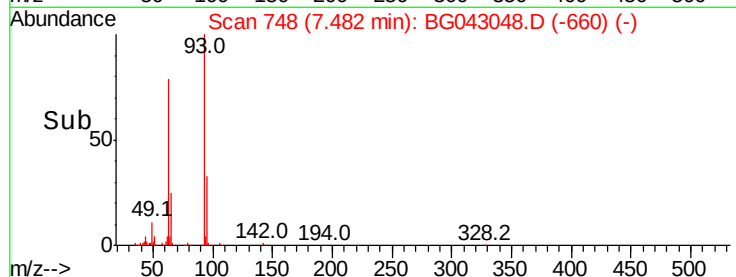
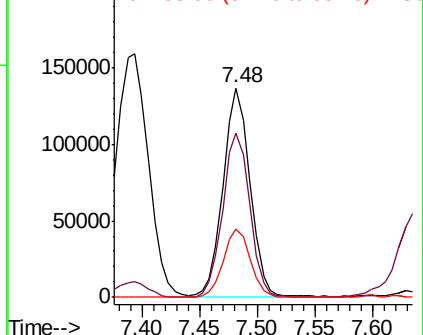
93 100

63 78.8 67.4 107.4

95 32.9 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: 39.844 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

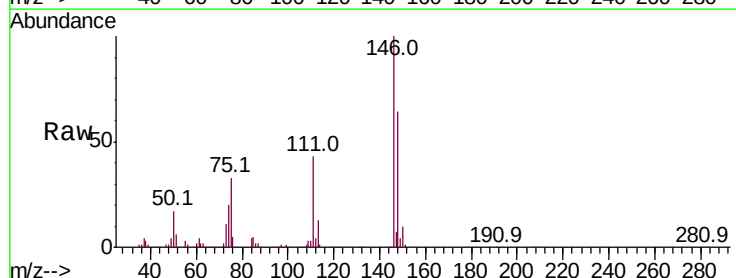
Tgt Ion: 146 Resp: 285650

Ion Ratio Lower Upper

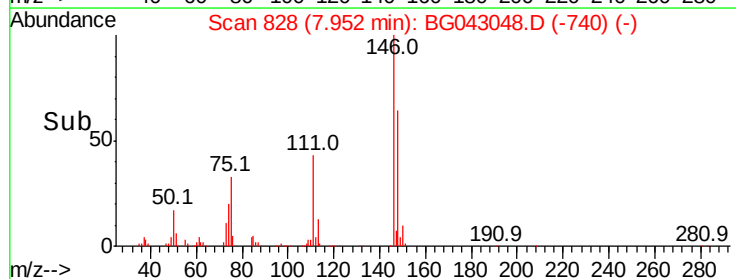
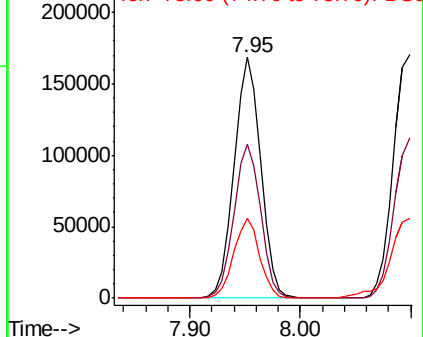
146 100

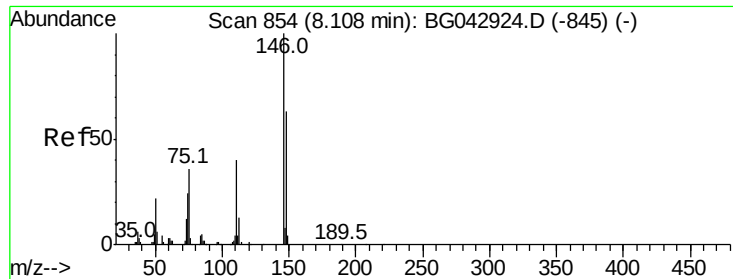
148 64.3 50.7 76.1

75 33.0 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: 40.966 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

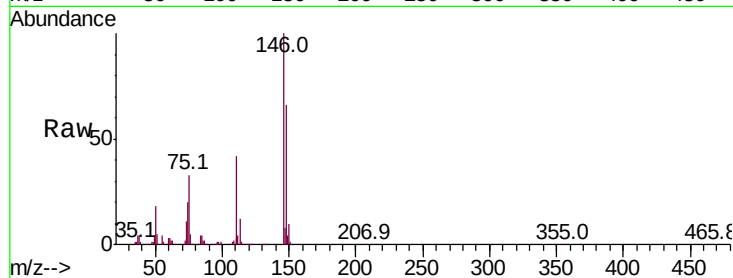
Tot Ion:146 Resp: 292774

Ion Ratio Lower Upper

146 100

148 65.8 50.9 76.3

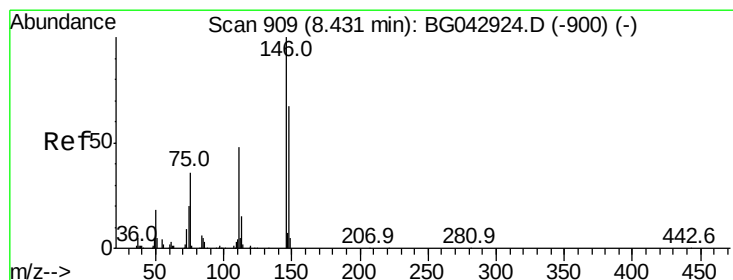
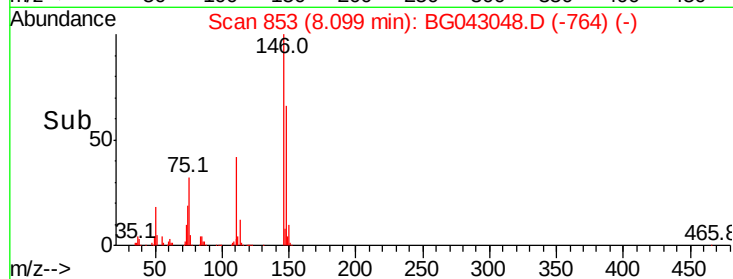
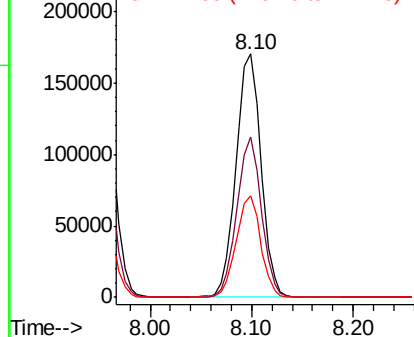
111 41.9 31.8 47.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.698 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

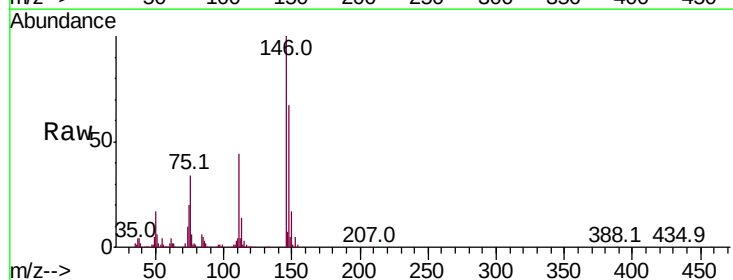
Tgt Ion:146 Resp: 270107

Ion Ratio Lower Upper

146 100

148 67.2 53.4 80.2

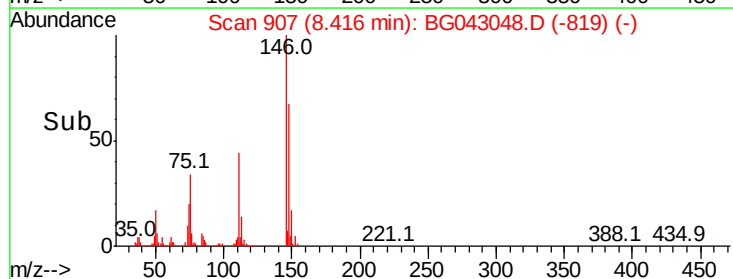
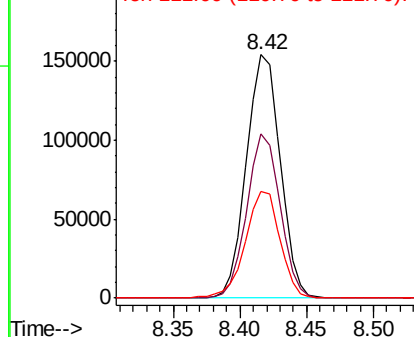
111 44.0 38.5 57.7

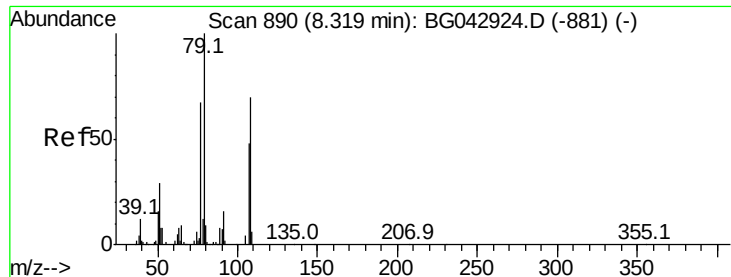


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.518 ng

RT: 8.30 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

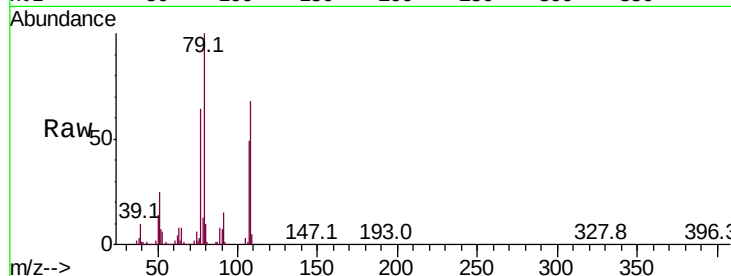
Tot Ion: 79 Resp: 248067

Ion Ratio Lower Upper

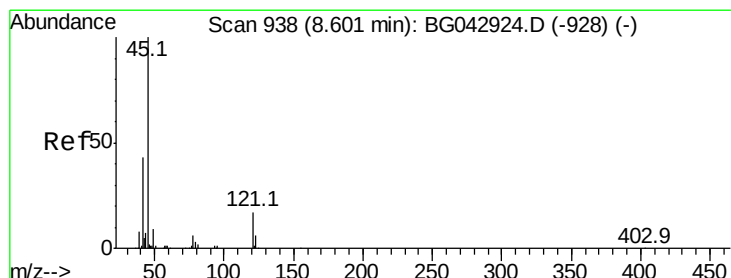
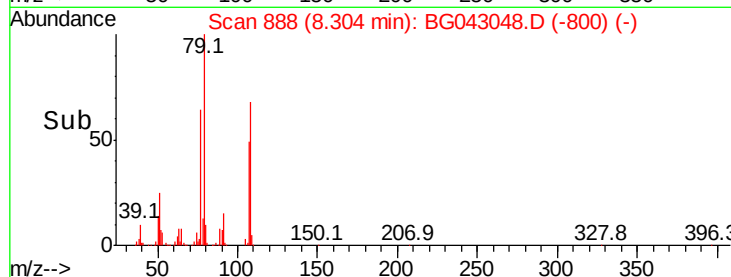
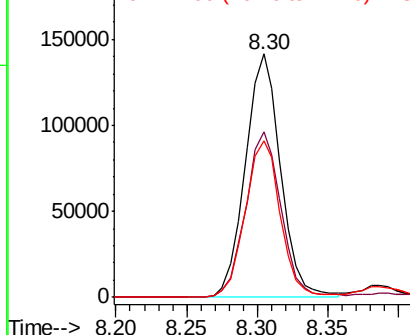
79 100

108 67.8 55.7 83.5

77 64.5 53.3 79.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.716 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

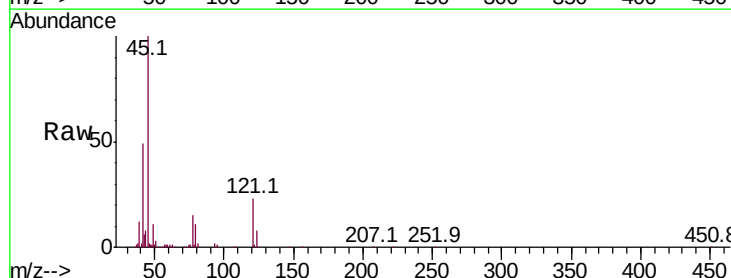
Tgt Ion: 45 Resp: 324958

Ion Ratio Lower Upper

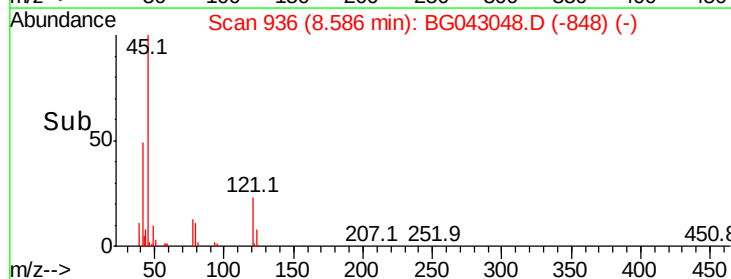
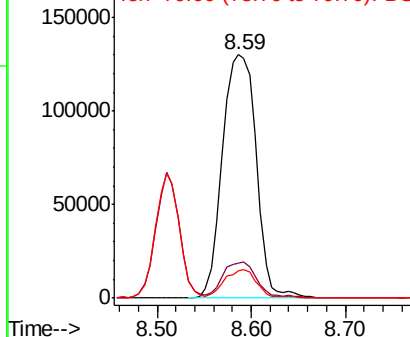
45 100

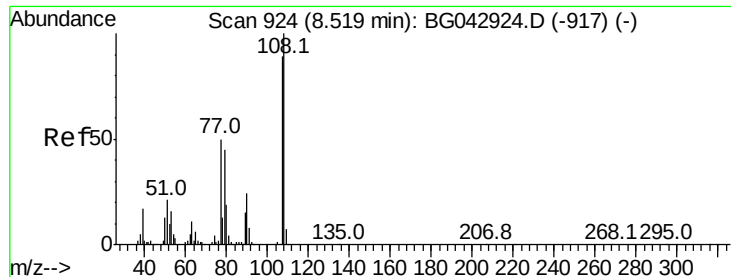
77 14.6 0.0 32.8

79 11.3 0.0 29.4



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 42.704 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

Tot Ion:107 Resp: 212742

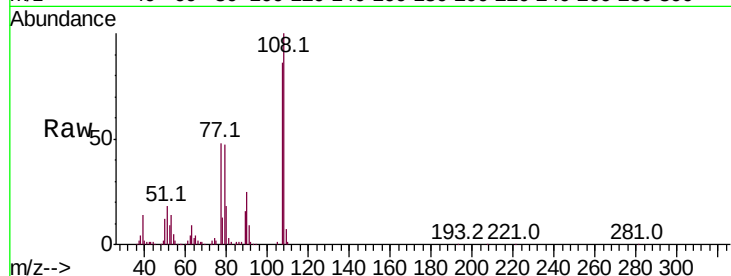
Ion Ratio Lower Upper

107 100

108 115.8 89.9 134.9

77 55.2 45.4 68.2

79 54.9 41.4 62.0

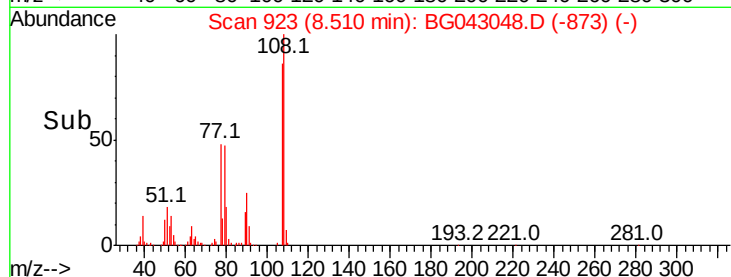


Abundance Ion 107.00 (106.70 to 107.70): E

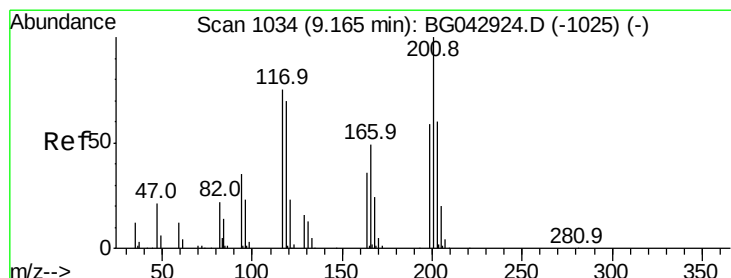
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time--> 8.40 8.50 8.60



#18

Hexachloroethane

Concen: 38.647 ng

RT: 9.14 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

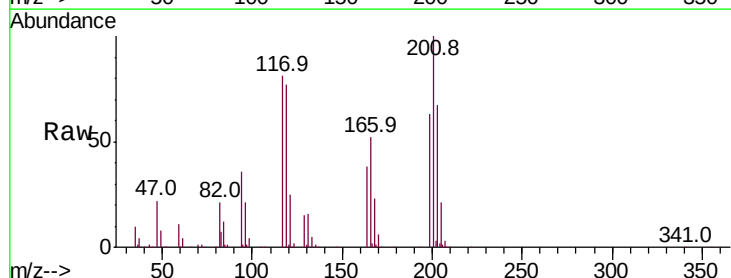
Tgt Ion:117 Resp: 104022

Ion Ratio Lower Upper

117 100

119 95.1 74.6 111.8

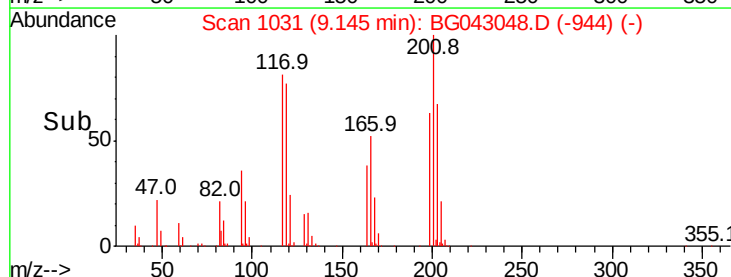
201 123.4 106.0 159.0



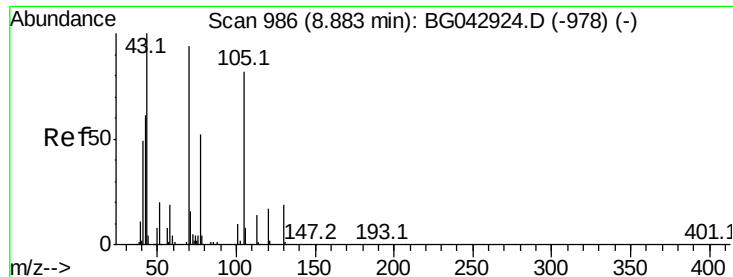
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



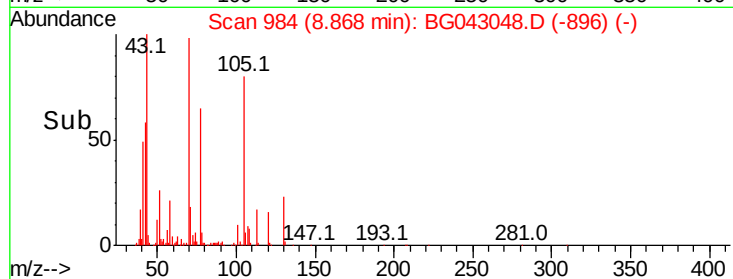
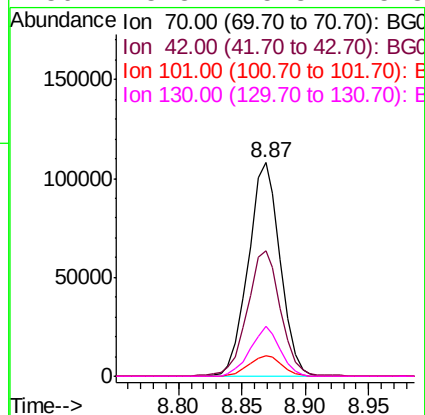
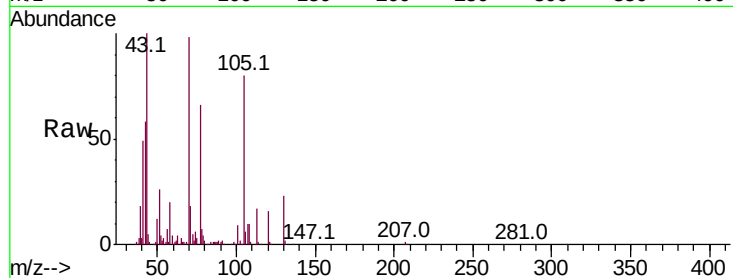
Time--> 9.05 9.10 9.15 9.20



#19
n-Nitroso-di-n-propylamine
Concen: 36.960 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

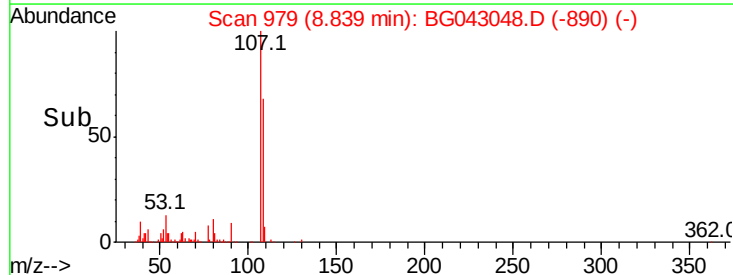
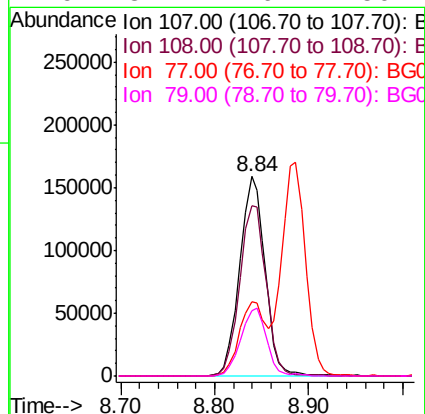
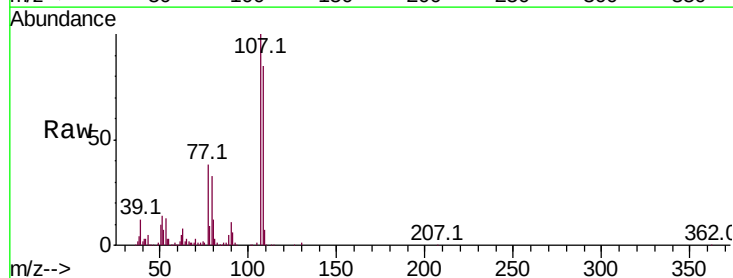
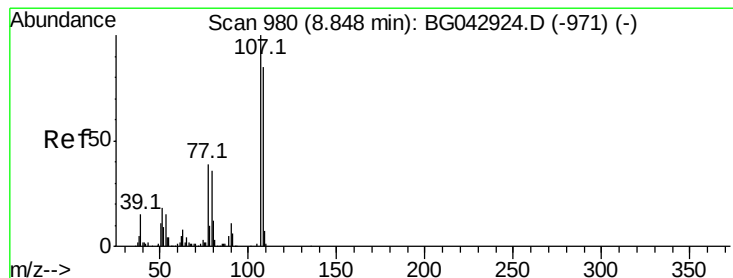
Instrument :
BNA_G
ClientSampleId :
PB123594BS

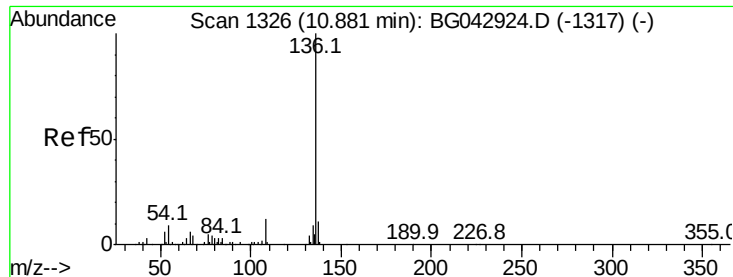
Tot Ion: 70 Resp: 188335
Ion Ratio Lower Upper
70 100
42 58.9 52.6 79.0
101 9.7 8.7 13.1
130 23.3 15.8 23.8



#20
3+4-Methylphenols
Concen: 43.453 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

Tgt Ion:107 Resp: 296657
Ion Ratio Lower Upper
107 100
108 85.2 64.9 104.9
77 37.5 19.4 59.4
79 32.7 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

Tot Ion:136 Resp: 356021

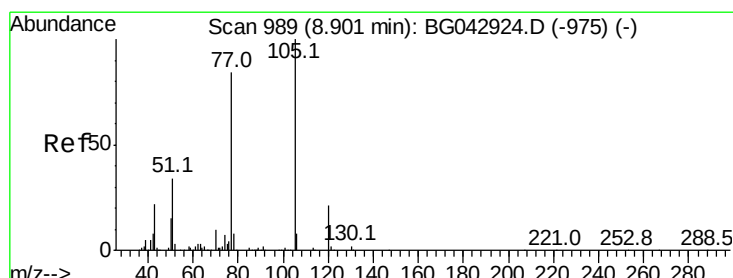
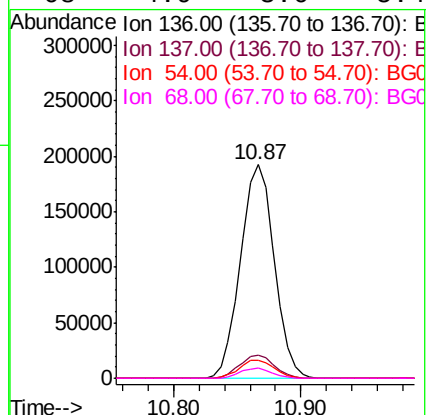
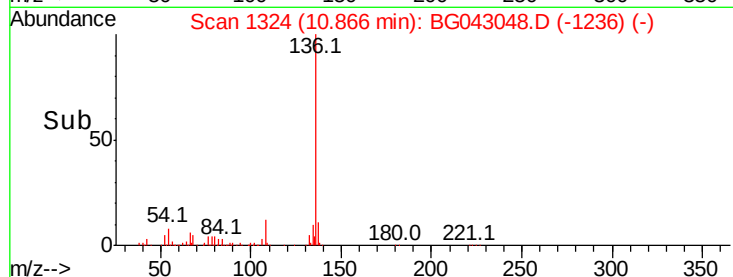
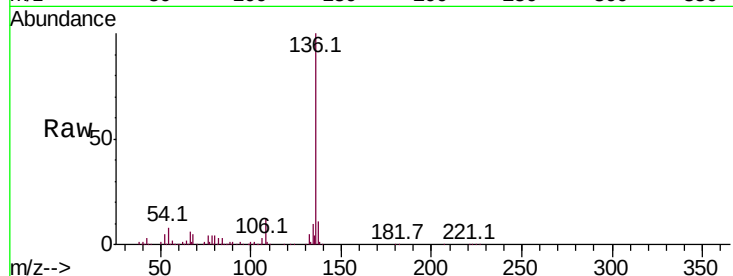
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 8.4 7.4 11.2

68 4.9 3.6 5.4



#22

Acetophenone

Concen: 40.573 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Tgt Ion:105 Resp: 372344

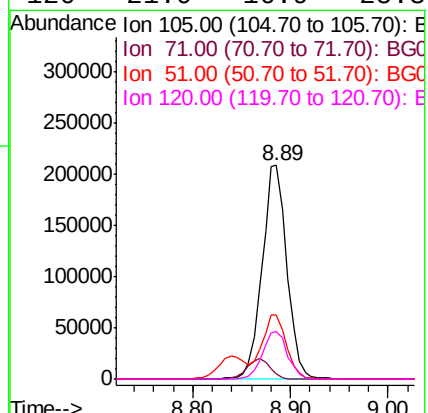
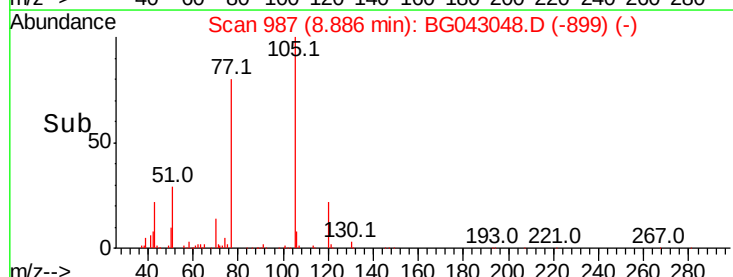
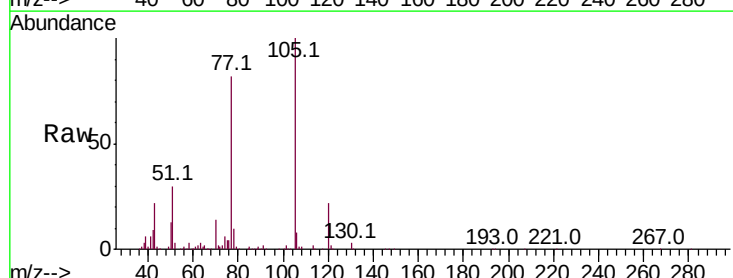
Ion Ratio Lower Upper

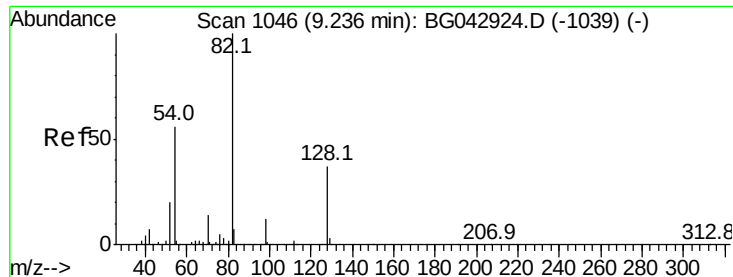
105 100

71 2.3 1.2 1.8#

51 29.9 27.2 40.8

120 21.9 16.9 25.3

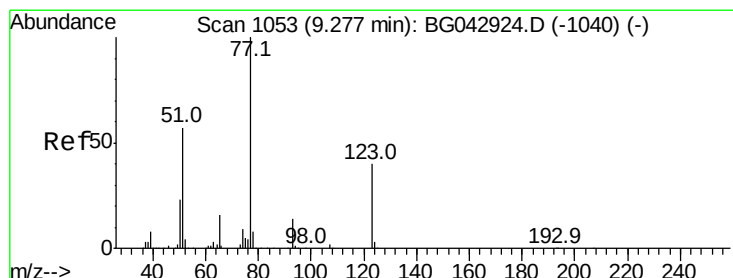
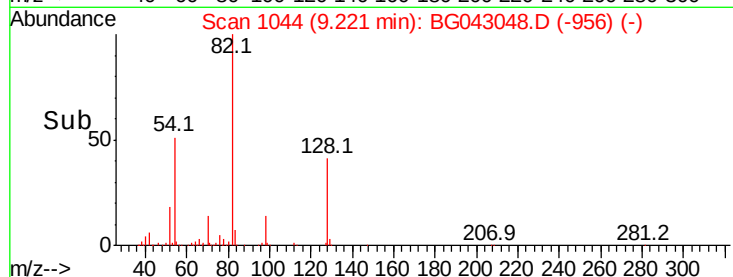
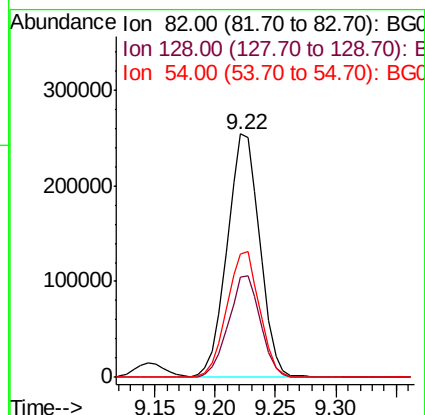
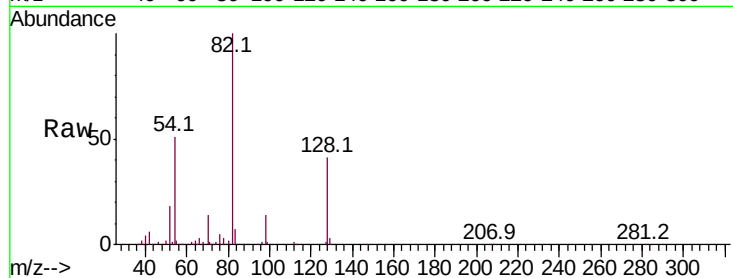




#23
Nitrobenzene-d5
Concen: 64.931 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

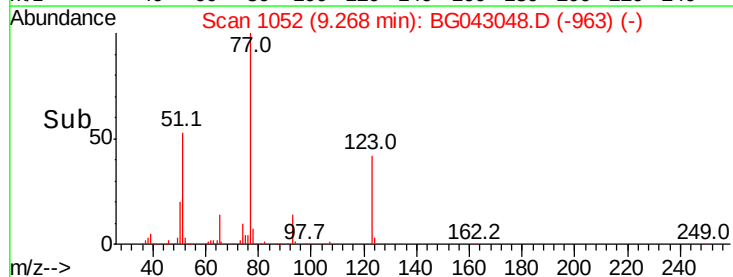
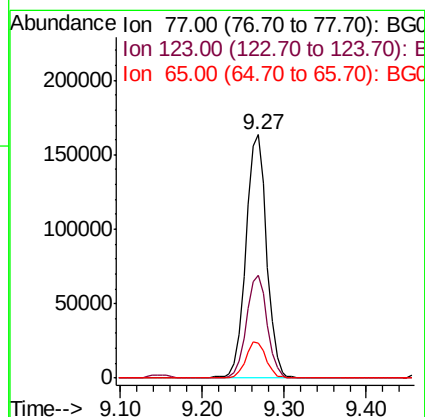
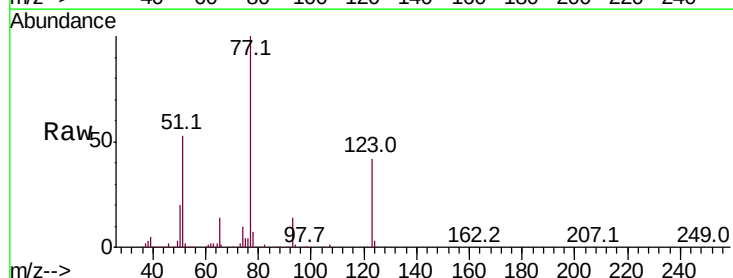
Instrument :
BNA_G
ClientSampleId :
PB123594BS

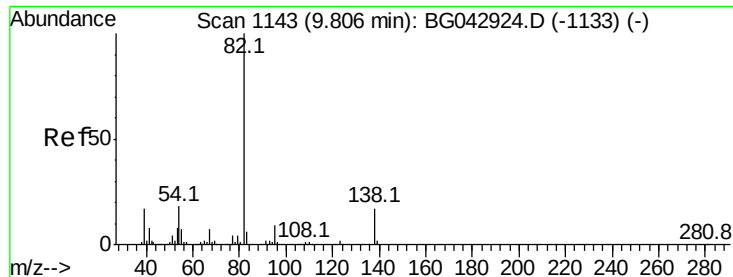
Tot Ion: 82 Resp: 475602
Ion Ratio Lower Upper
82 100
128 40.9 29.5 44.3
54 50.9 44.6 67.0



#24
Nitrobenzene
Concen: 41.340 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

Tgt Ion: 77 Resp: 288827
Ion Ratio Lower Upper
77 100
123 42.4 31.9 47.9
65 14.3 12.4 18.6





#25

Isophorone

Concen: 40.913 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

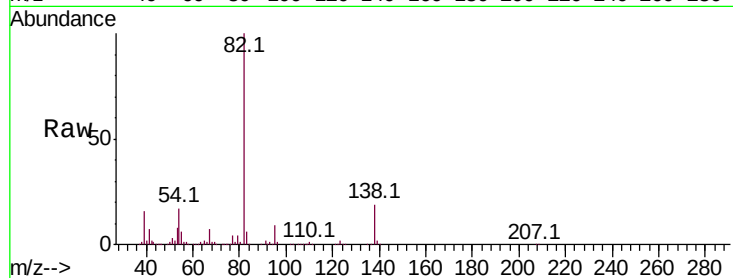
Tot Ion: 82 Resp: 526400

Ion Ratio Lower Upper

82 100

95 8.8 7.0 10.4

138 18.7 13.8 20.6



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

9.79

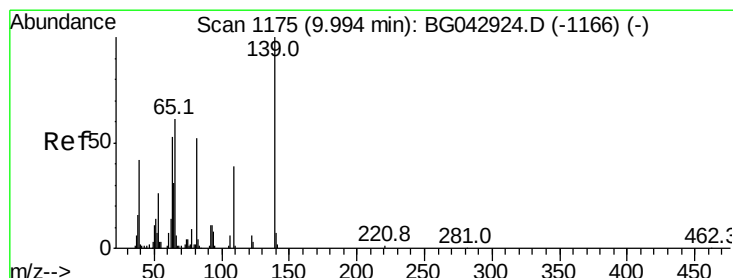
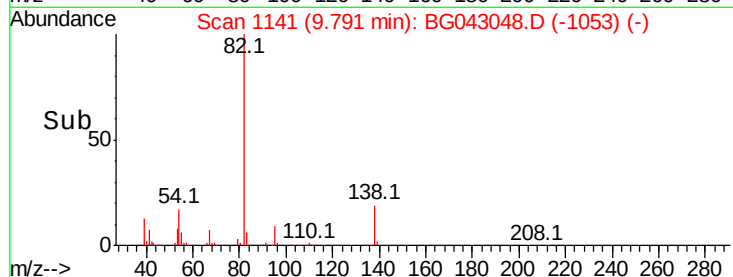
300000

200000

100000

0

Time--> 9.70 9.75 9.80 9.85



#26

2-Nitrophenol

Concen: 49.077 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

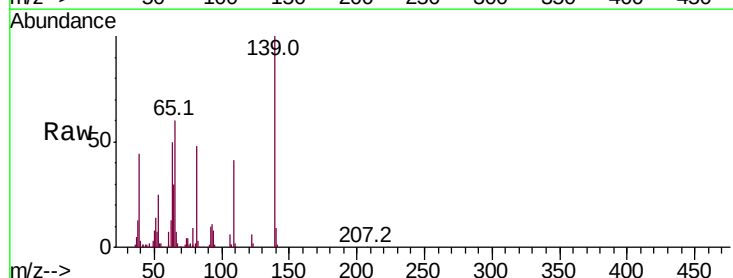
Tgt Ion: 139 Resp: 145965

Ion Ratio Lower Upper

139 100

109 41.2 31.0 46.6

65 60.2 48.4 72.6



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

9.97

100000

80000

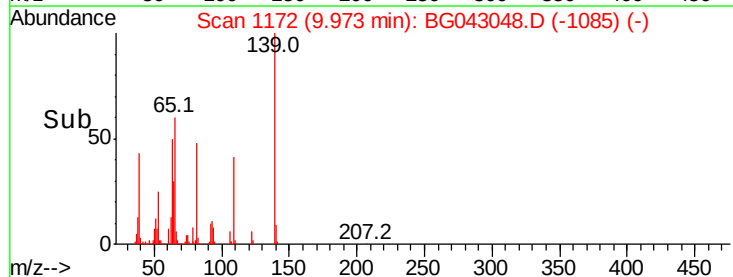
60000

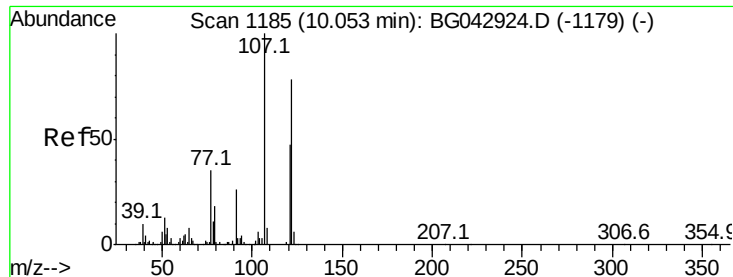
40000

20000

0

Time--> 9.90 10.00

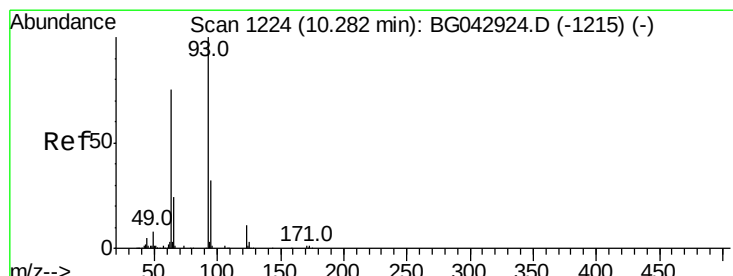
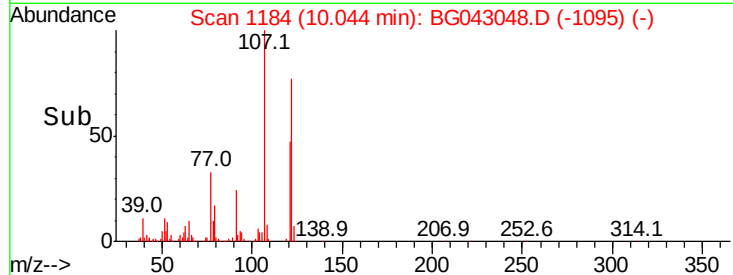
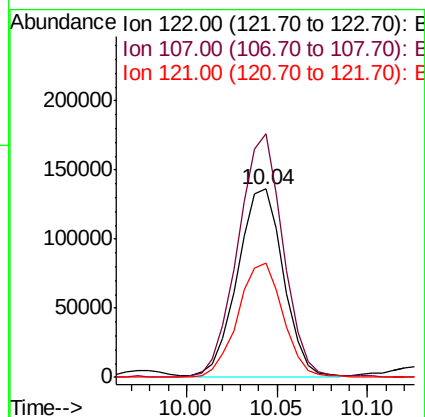
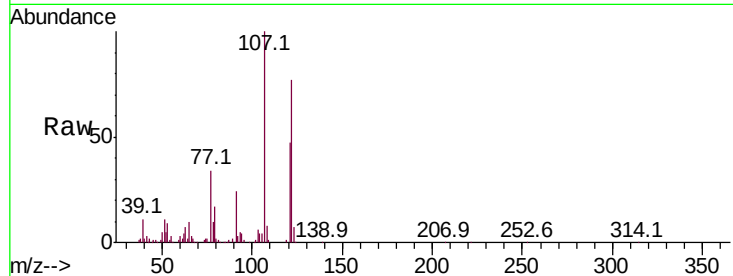




#27
2,4-Dimethylphenol
Concen: 52.499 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

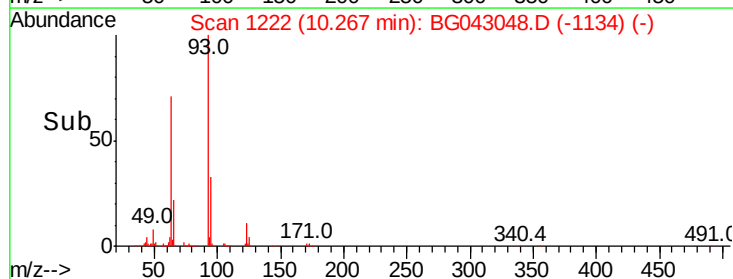
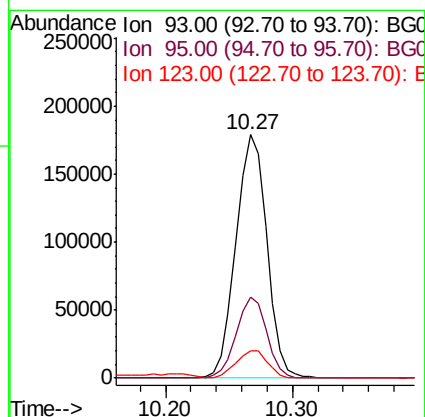
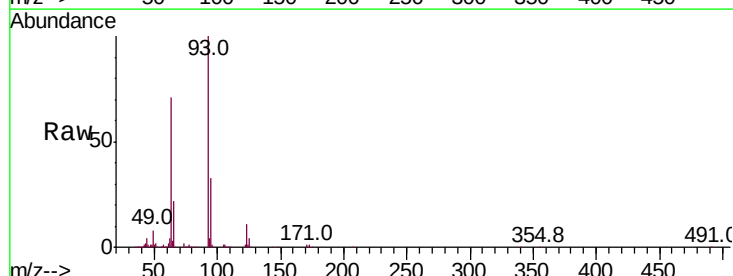
Instrument :
BNA_G
ClientSampleId :
PB123594BS

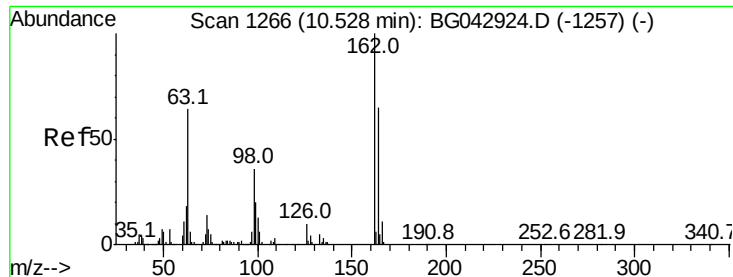
Tot Ion	Ratio	Lower	Upper
122	100		
107	129.2	102.2	153.2
121	61.0	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 41.204 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.4	38.0
123	11.3	9.3	13.9

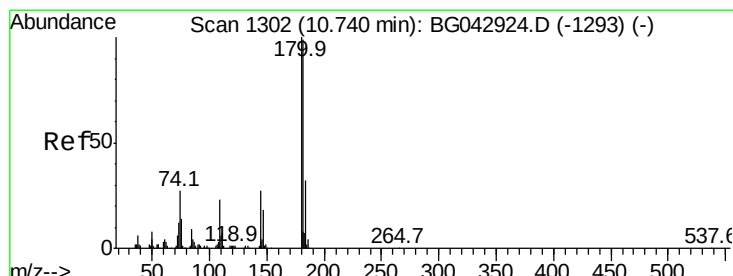
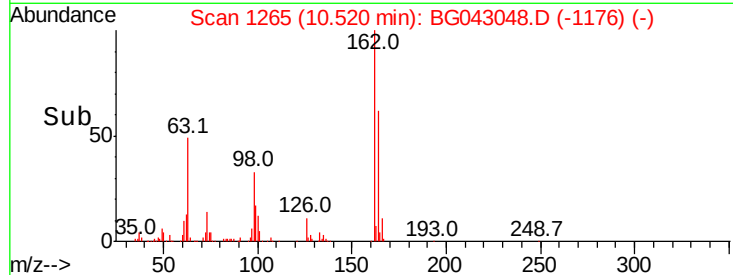
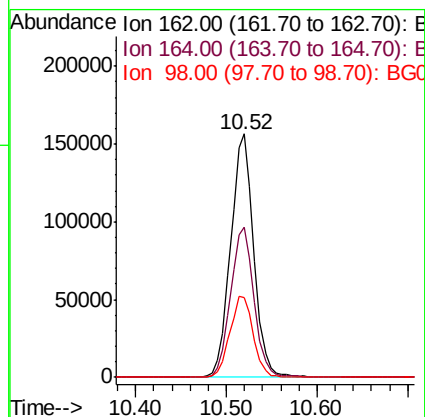
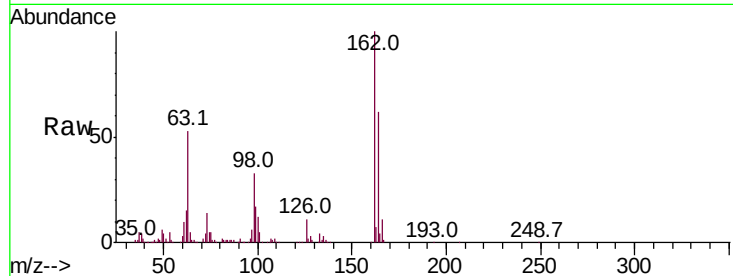




#29
 2,4-Dichlorophenol
 Concen: 48.795 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG043048.D
 Acq: 5 Oct 2019 10:27

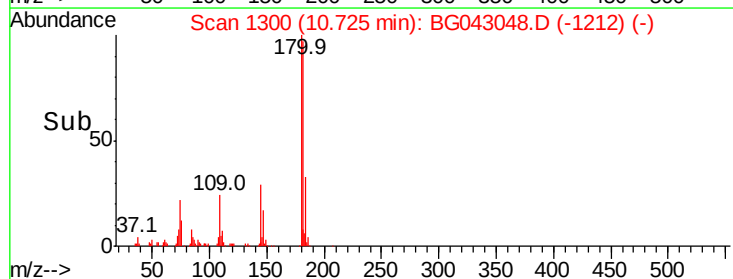
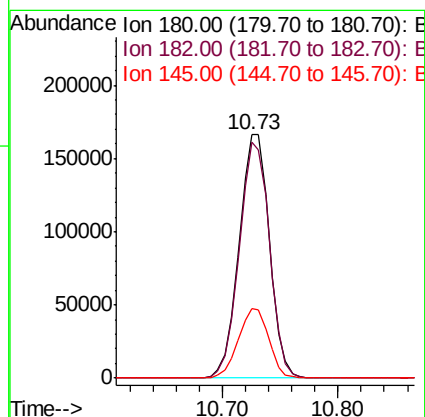
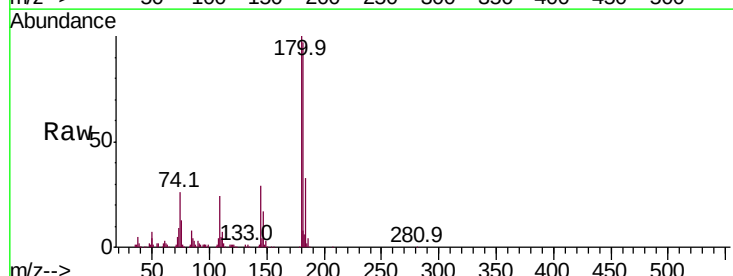
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

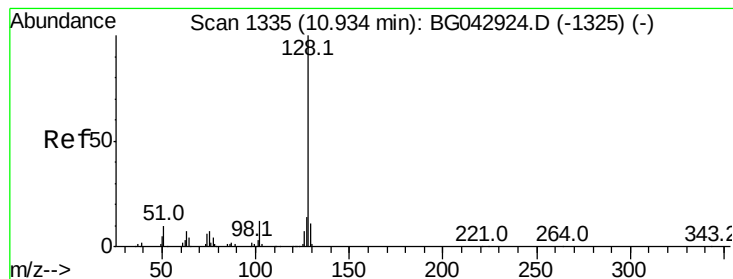
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	44.7	84.7
98	33.0	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.193 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG043048.D
 Acq: 5 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	79.3	118.9
145	28.7	22.0	33.0





#31

Naphthalene

Concen: 42.502 ng

RT: 10.92 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

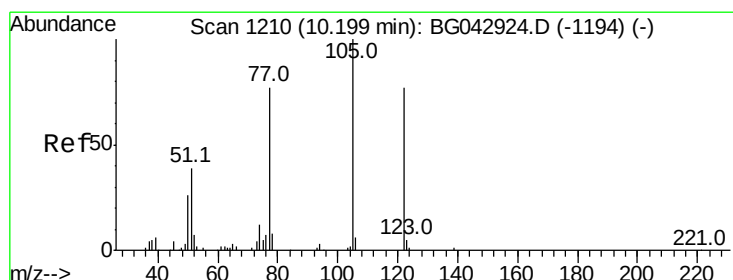
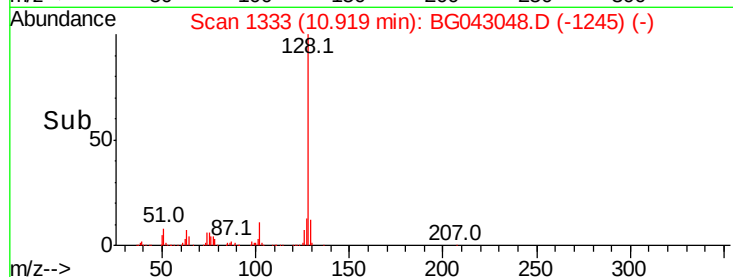
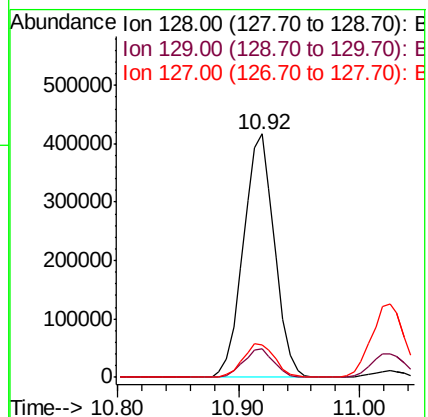
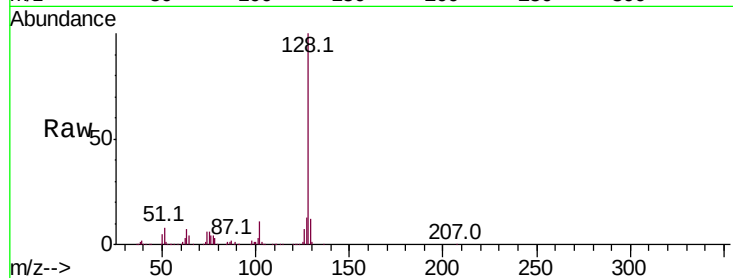
Tot Ion:128 Resp: 744874

Ion Ratio Lower Upper

128 100

129 11.9 8.8 13.2

127 13.3 11.3 16.9



#32

Benzoic acid

Concen: 43.909 ng

RT: 10.20 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

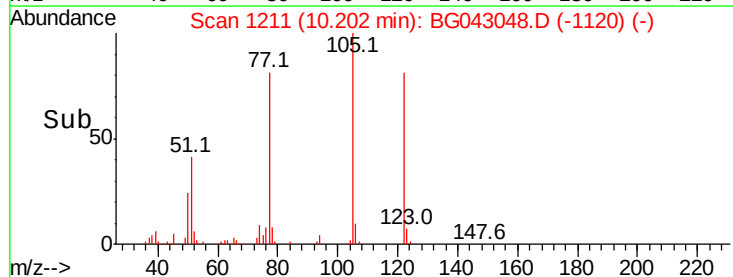
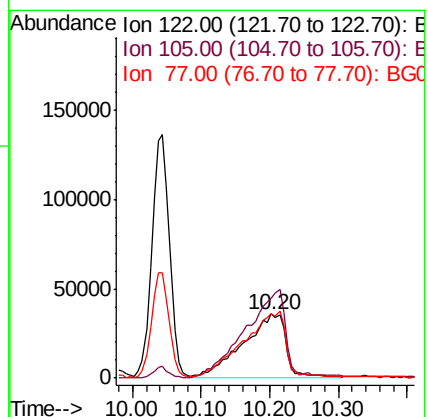
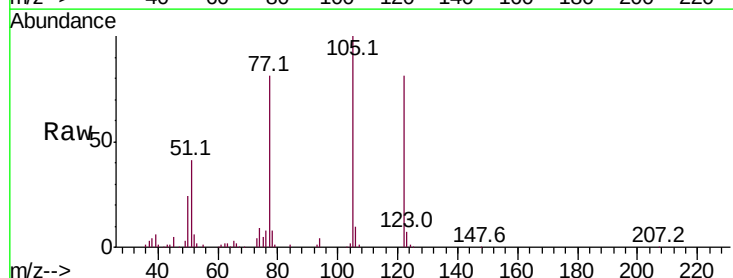
Tgt Ion:122 Resp: 153256

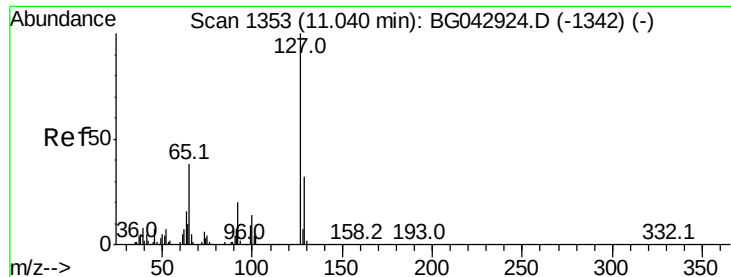
Ion Ratio Lower Upper

122 100

105 123.9 107.5 147.5

77 100.3 79.8 119.8





#33

4-Chloroaniline

Concen: 32.330 ng

RT: 11.02 min Scan# 1351

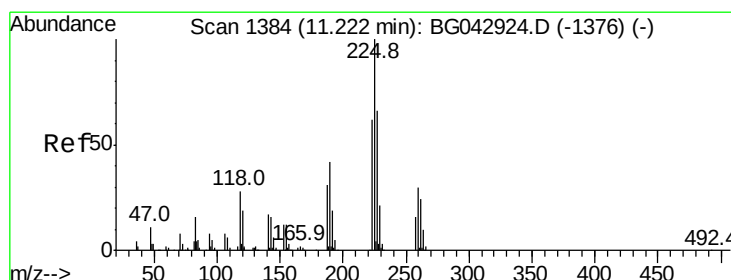
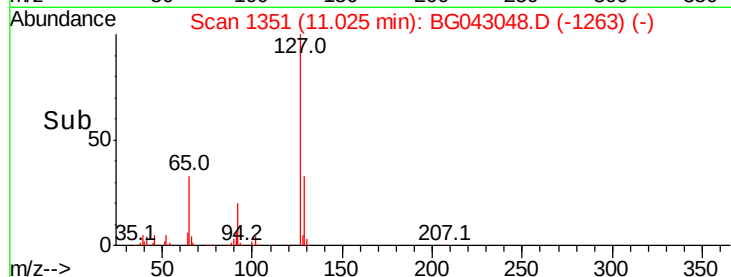
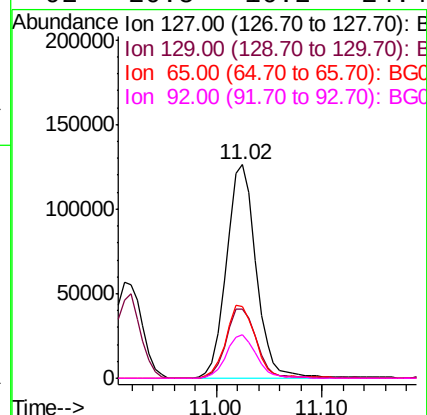
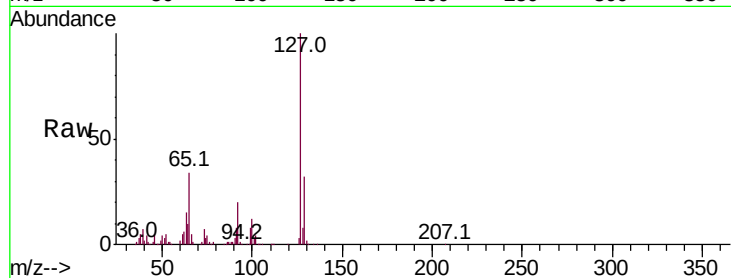
Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion:	127	Resp:	245865
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	33.7	30.6	45.8
92	20.5	16.2	24.4



#34

Hexachlorobutadiene

Concen: 38.550 ng

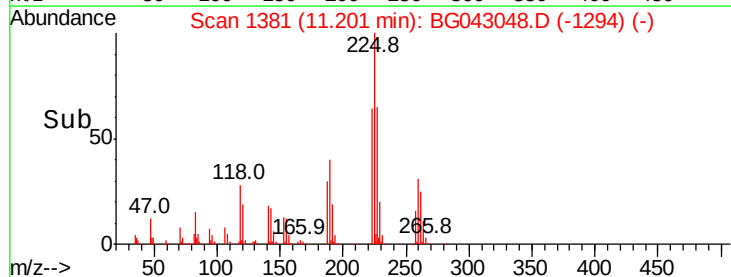
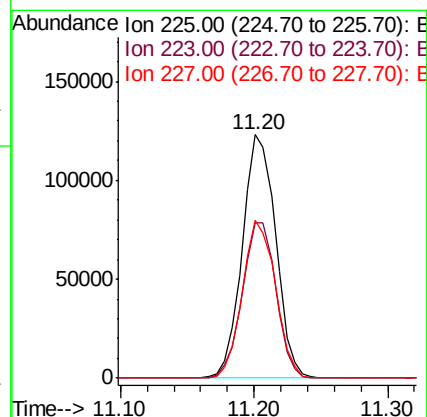
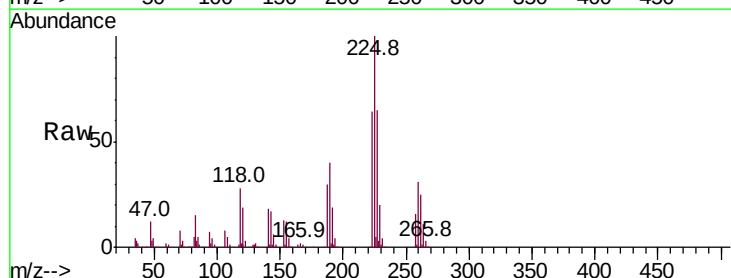
RT: 11.20 min Scan# 1381

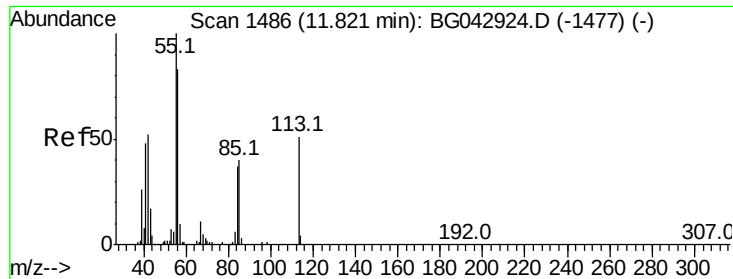
Delta R.T. -0.02 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Tgt Ion:	225	Resp:	211747
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.3	73.9
227	64.8	52.8	79.2





#35

Caprolactam

Concen: 24.018 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

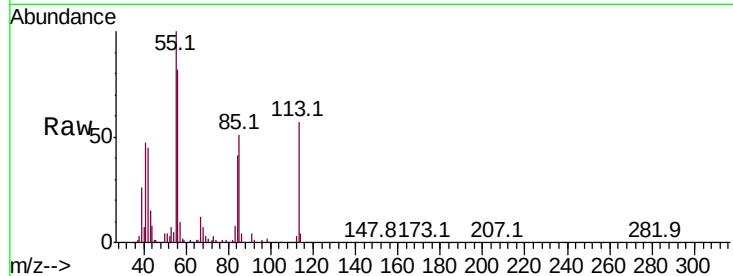
Tot Ion:113 Resp: 48115

Ion Ratio Lower Upper

113 100

55 174.6 175.5 215.5#

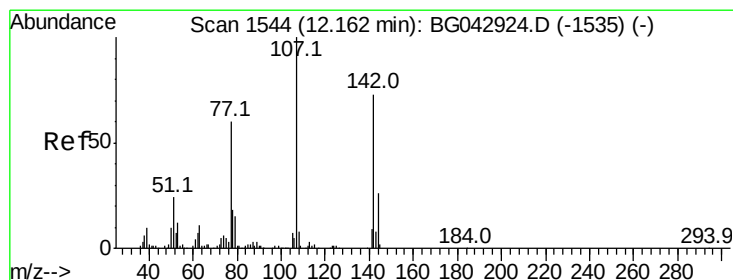
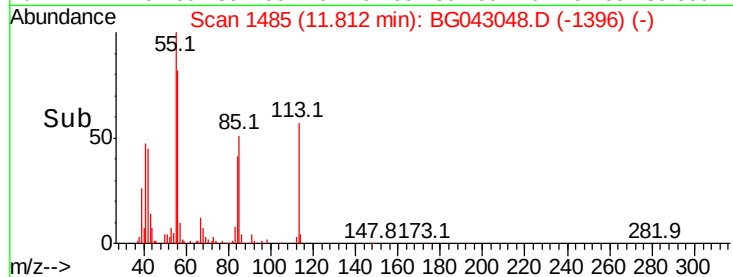
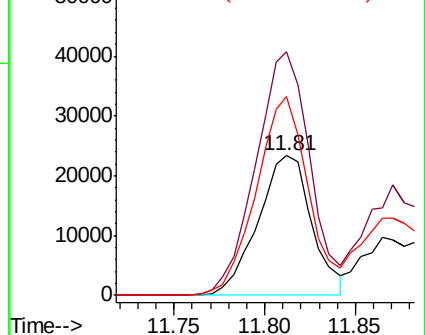
56 142.9 142.3 182.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 46.583 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

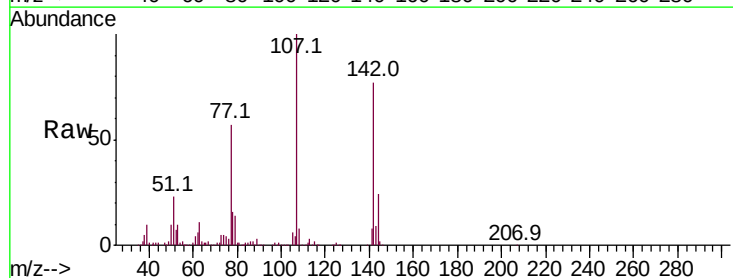
Tgt Ion:107 Resp: 287724

Ion Ratio Lower Upper

107 100

144 24.3 20.7 31.1

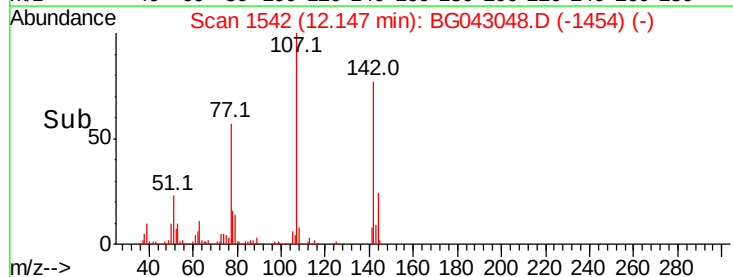
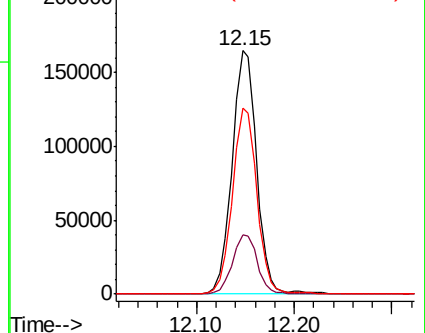
142 76.6 58.6 87.8

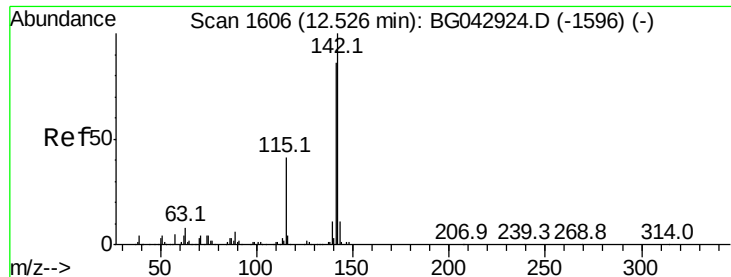


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

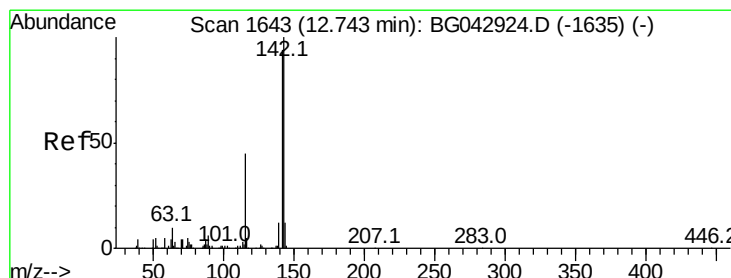
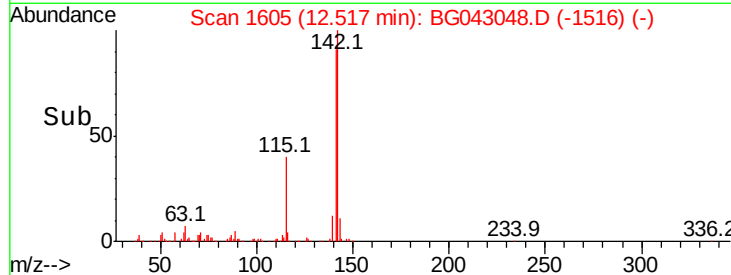
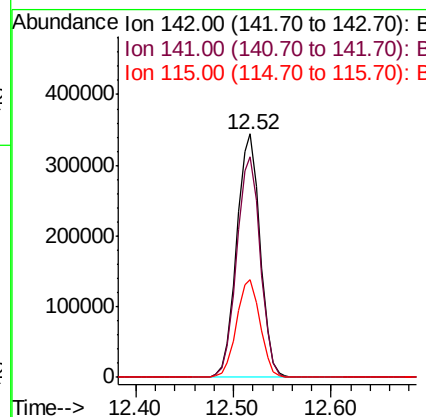
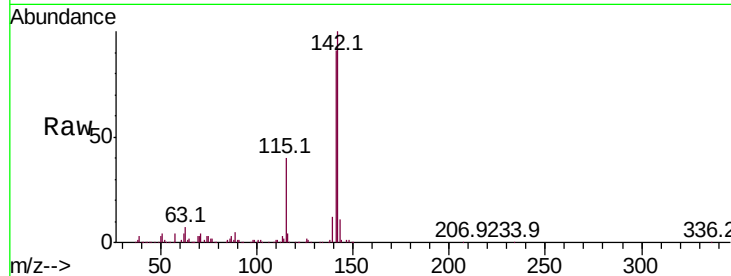




#37
2-Methylnaphthalene
Concen: 42.663 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

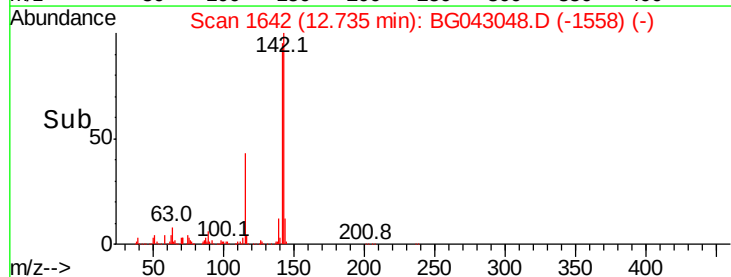
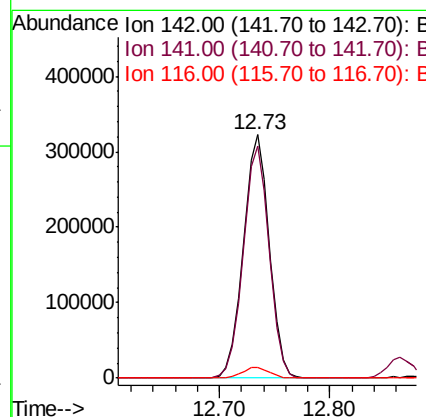
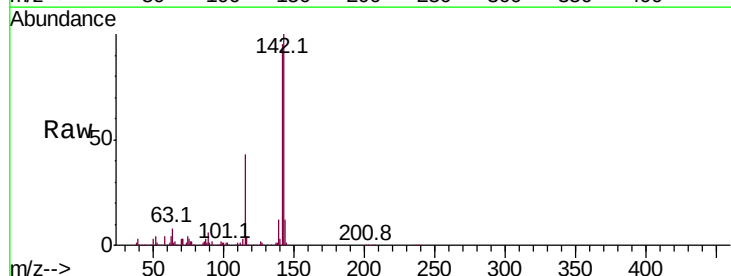
Instrument :
BNA_G
ClientSampleId :
PB123594BS

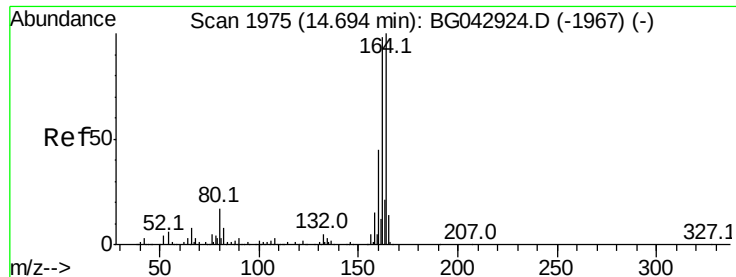
Tot Ion:142 Resp: 570400
Ion Ratio Lower Upper
142 100
141 90.5 69.0 103.4
115 40.0 32.8 49.2



#38
1-Methylnaphthalene
Concen: 42.036 ng
RT: 12.73 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

Tgt Ion:142 Resp: 531792
Ion Ratio Lower Upper
142 100
141 95.3 74.9 112.3
116 4.3 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

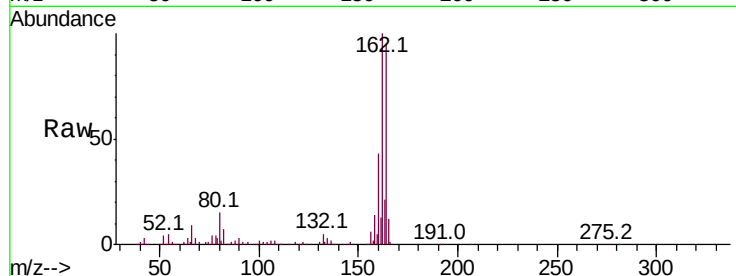
Tot Ion:164 Resp: 250331

Ion Ratio Lower Upper

164 100

162 105.7 78.5 117.7

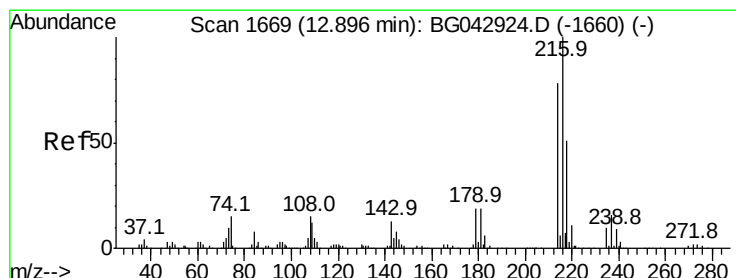
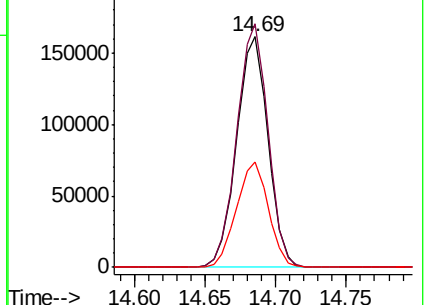
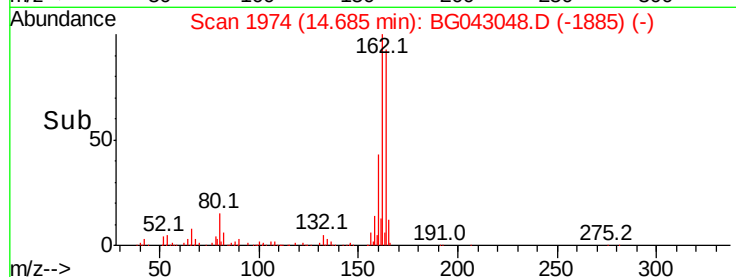
160 45.9 35.9 53.9



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: 39.796 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Tgt Ion:216 Resp: 374570

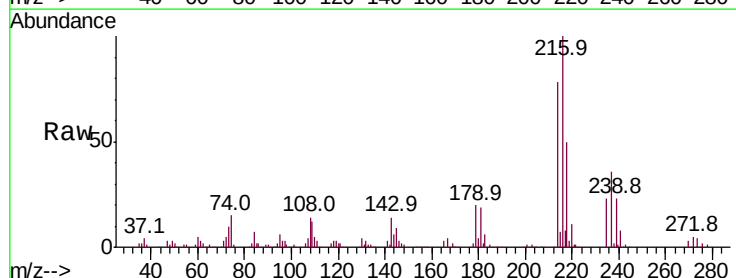
Ion Ratio Lower Upper

216 100

214 77.8 62.4 93.6

179 19.9 15.4 23.2

108 16.5 12.6 19.0

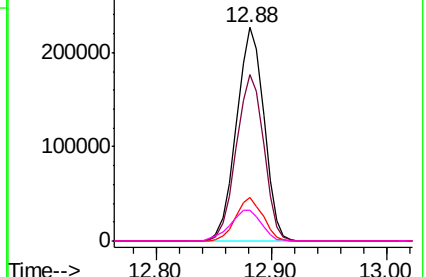
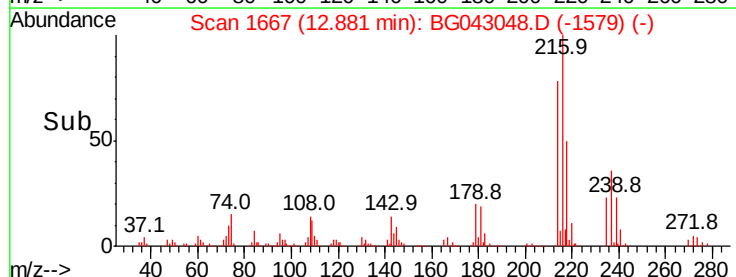


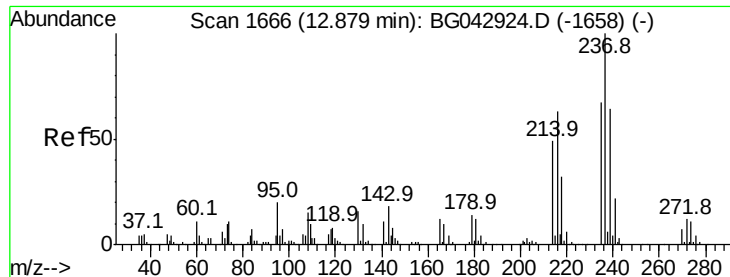
Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.231 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

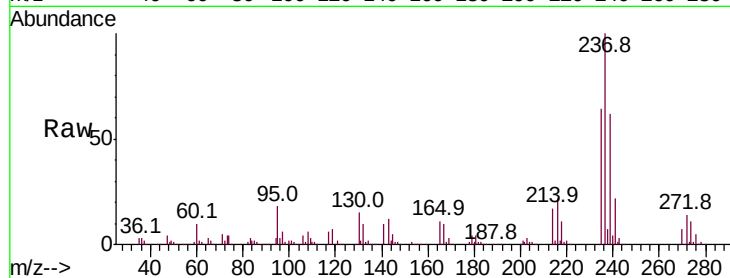
Tot Ion:237 Resp: 445169

Ion Ratio Lower Upper

237 100

235 63.8 46.7 86.7

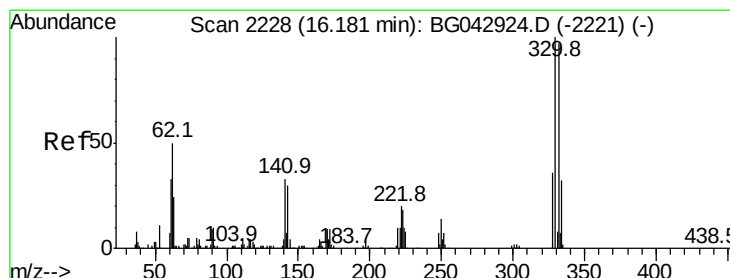
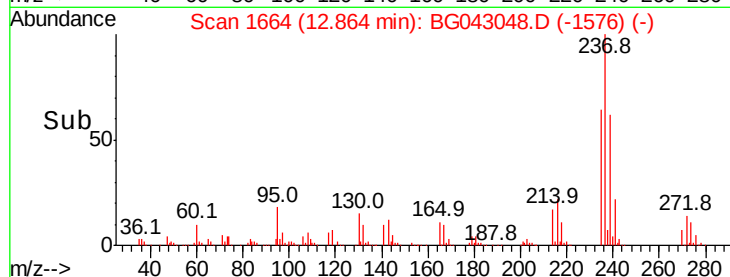
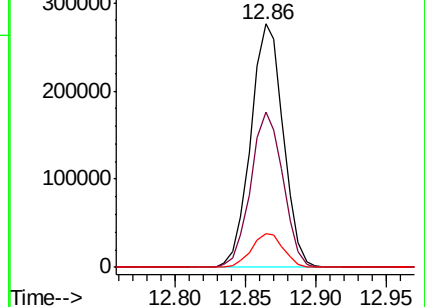
272 14.0 0.0 32.3



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: 109.376 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

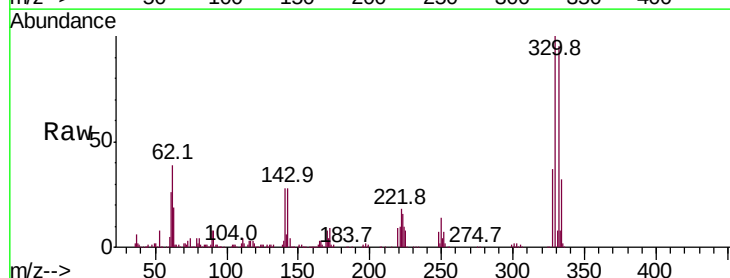
Tgt Ion:330 Resp: 470819

Ion Ratio Lower Upper

330 100

332 97.2 78.2 117.2

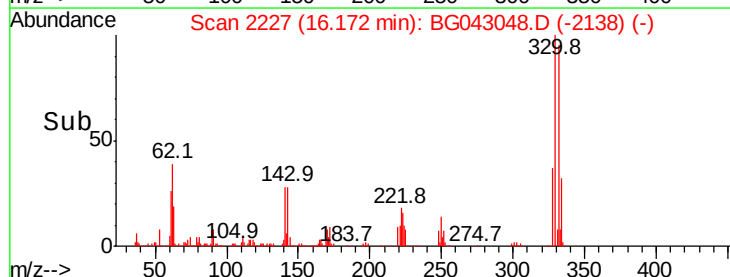
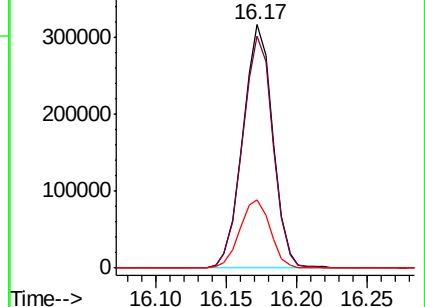
141 28.7 26.0 39.0

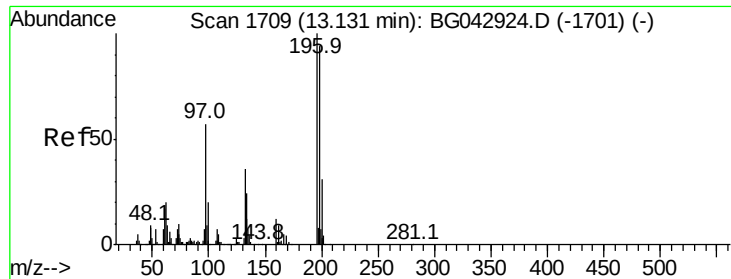


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

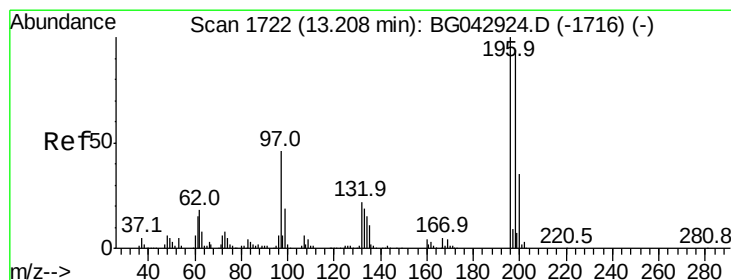
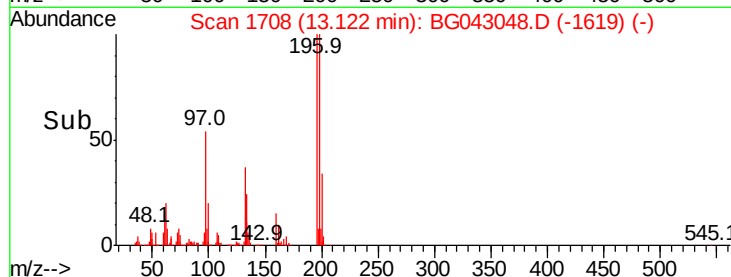
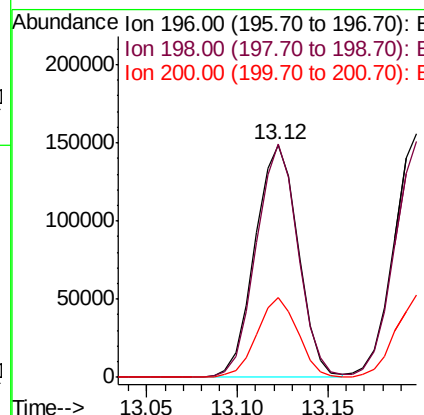
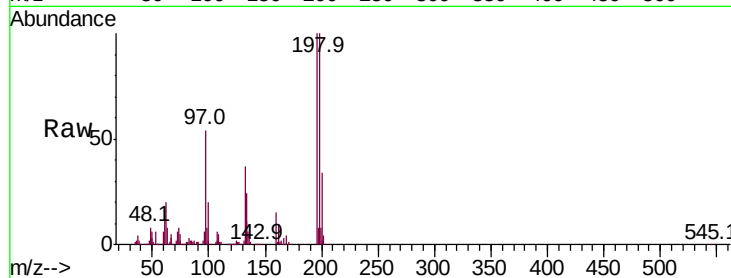




#43
 2,4,6-Trichlorophenol
 Concen: 44.550 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG043048.D
 Acq: 5 Oct 2019 10:27

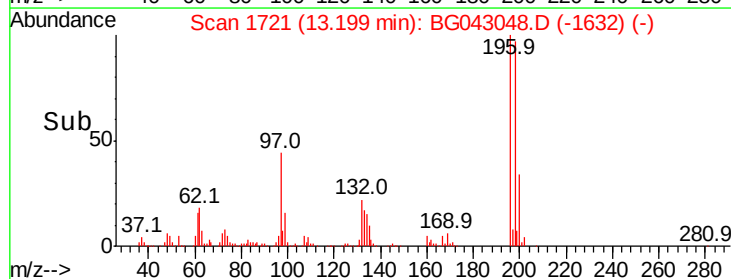
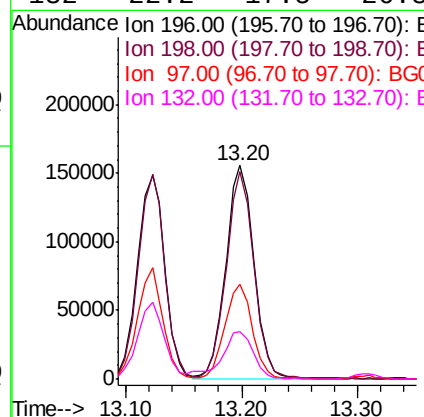
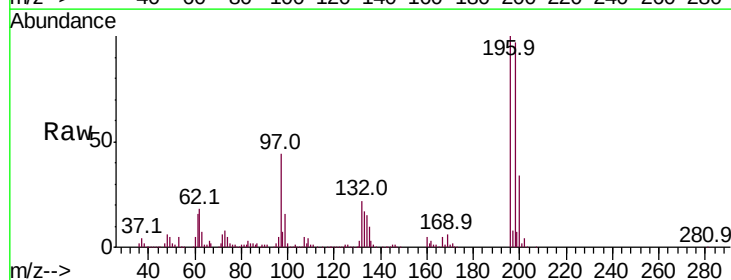
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

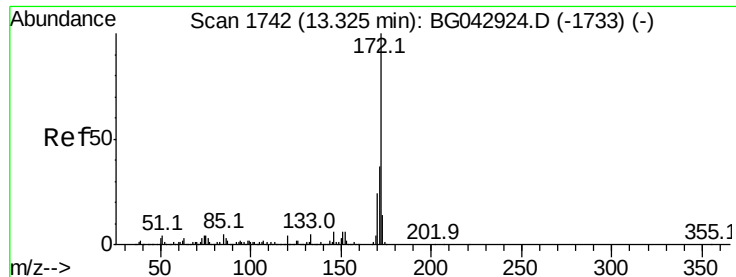
Tot Ion:196 Resp: 245426
 Ion Ratio Lower Upper
 196 100
 198 100.4 75.5 113.3
 200 34.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.273 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG043048.D
 Acq: 5 Oct 2019 10:27

Tgt Ion:196 Resp: 262606
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.1 112.7
 97 44.5 37.0 55.4
 132 22.2 17.5 26.3

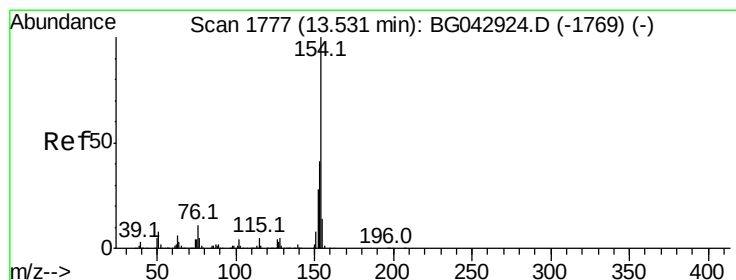
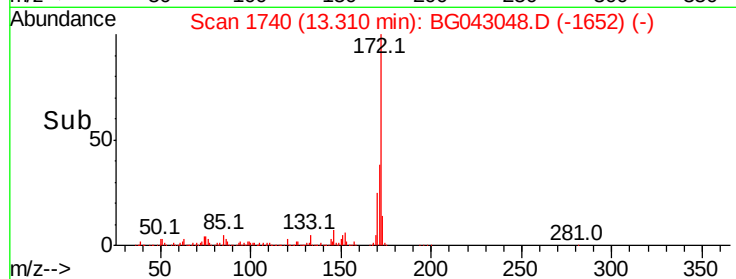
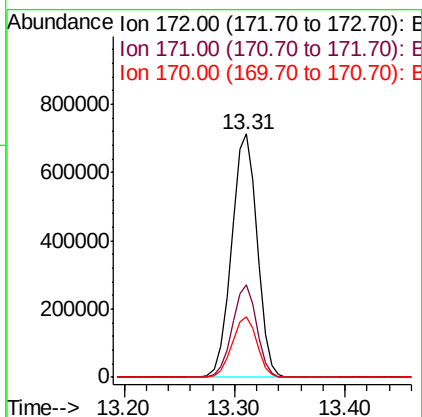
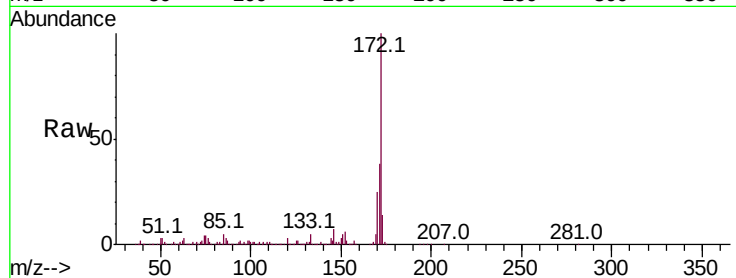




#45
2-Fluorobiphenyl
Concen: 66.984 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

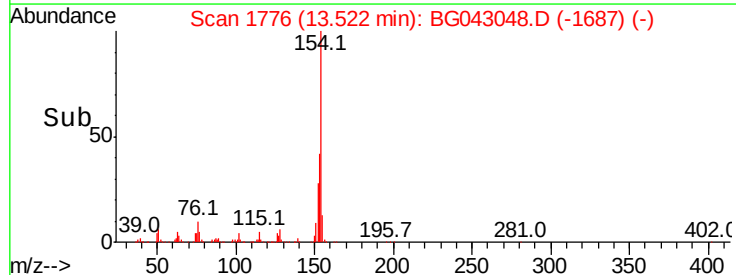
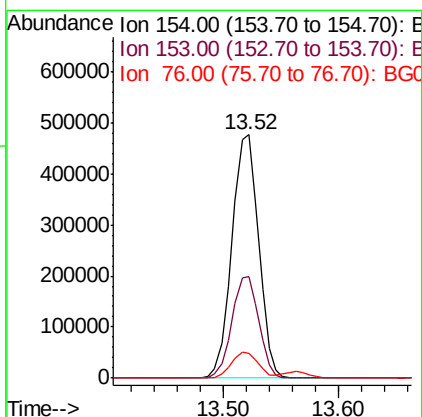
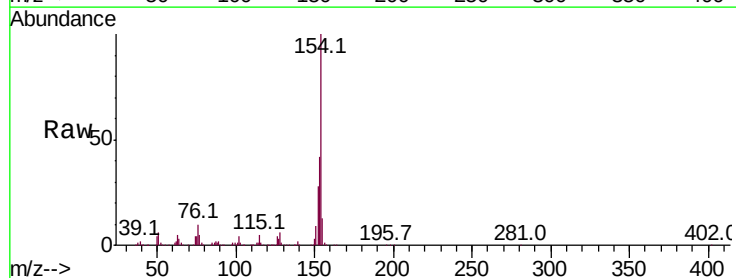
Instrument :
BNA_G
ClientSampleId :
PB123594BS

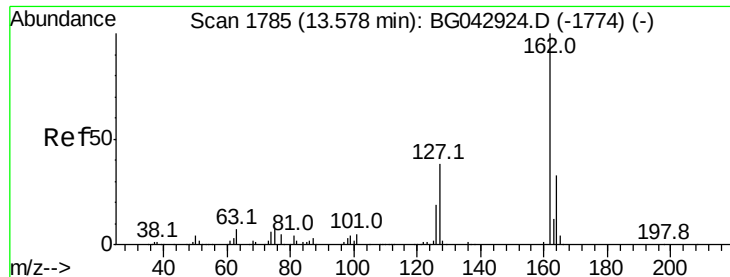
Tot Ion:172 Resp: 1156671
Ion Ratio Lower Upper
172 100
171 37.8 29.6 44.4
170 24.9 19.6 29.4



#46
1,1'-Biphenyl
Concen: 40.117 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

Tgt Ion:154 Resp: 761565
Ion Ratio Lower Upper
154 100
153 41.6 21.4 61.4
76 10.0 0.0 31.3

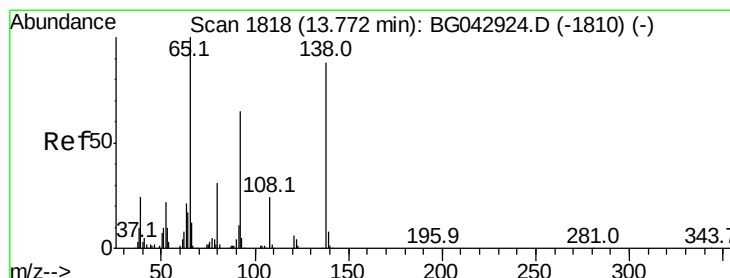
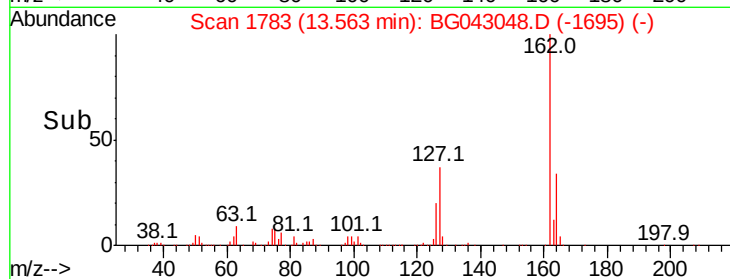
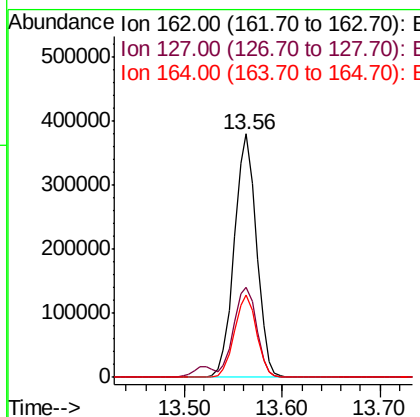
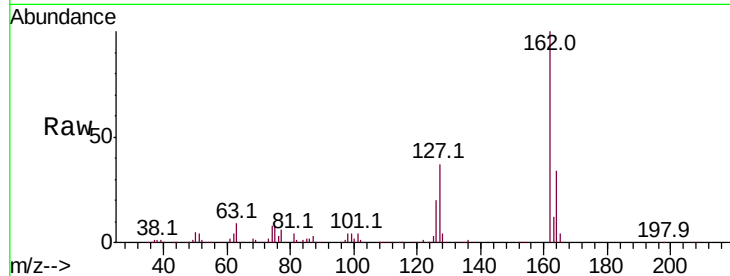




#47
 2-Chloronaphthalene
 Concen: 42.167 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG043048.D
 Acq: 5 Oct 2019 10:27

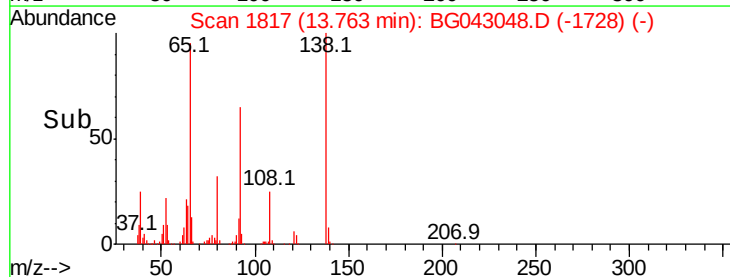
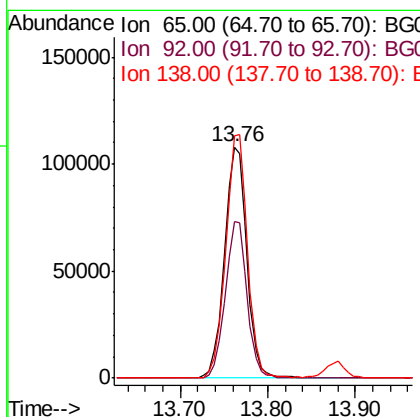
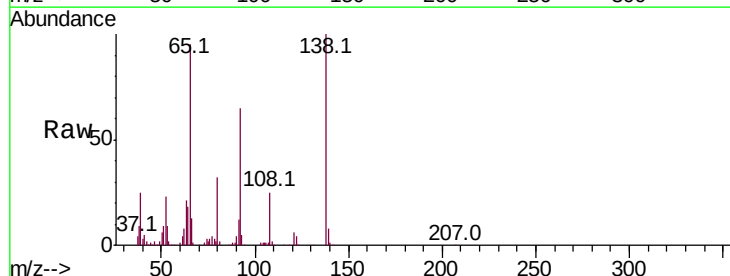
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

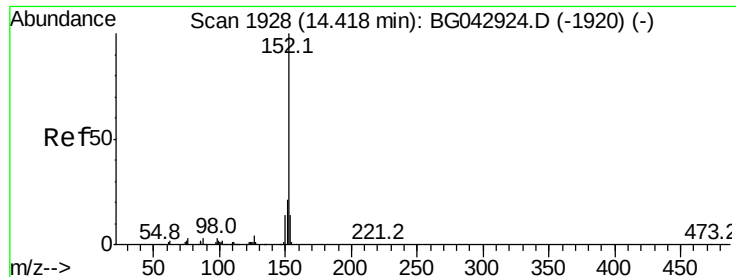
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.1	31.0	46.6
164	33.7	26.2	39.2



#48
 2-Nitroaniline
 Concen: 40.075 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BG043048.D
 Acq: 5 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	52.0	78.0
138	105.0	70.4	105.6





#49

Acenaphthylene

Concen: 43.140 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

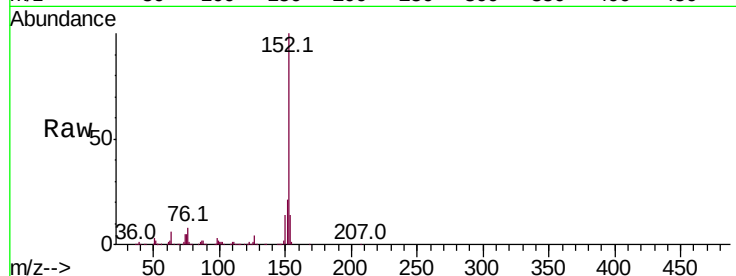
Tot Ion:152 Resp: 939525

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

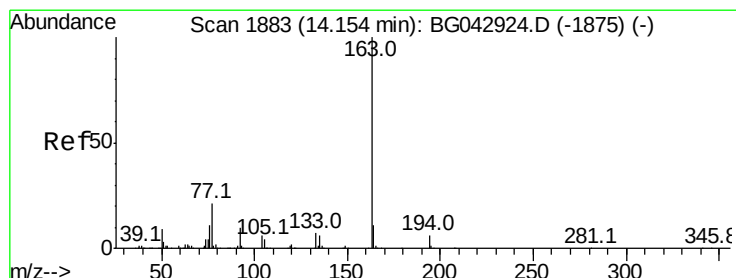
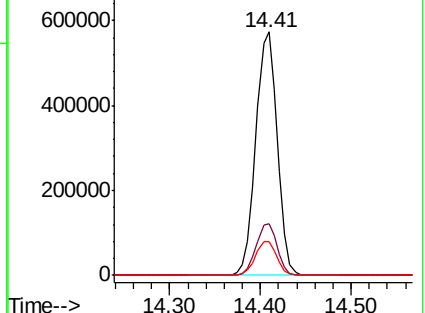
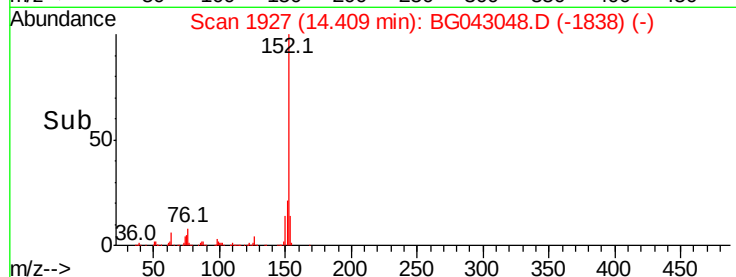
153 14.0 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.603 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

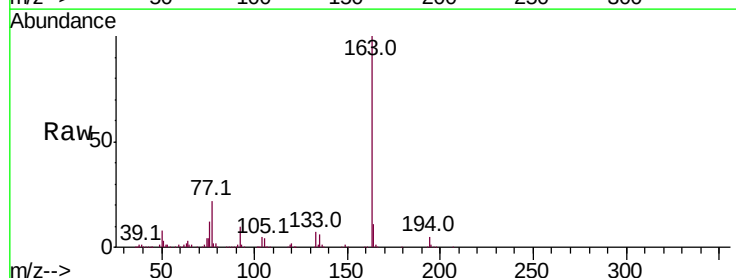
Tgt Ion:163 Resp: 761572

Ion Ratio Lower Upper

163 100

194 5.2 4.4 6.6

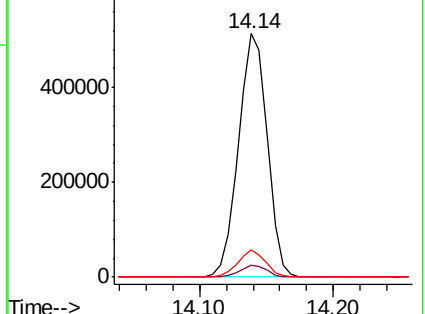
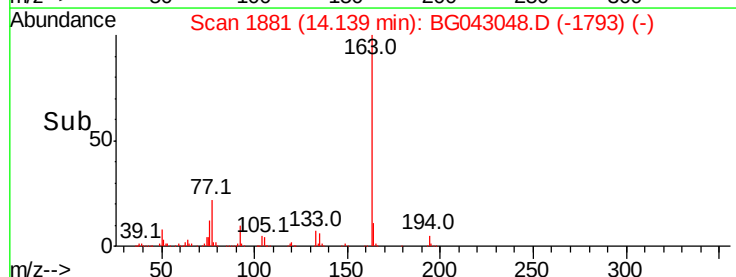
164 11.2 8.6 12.8

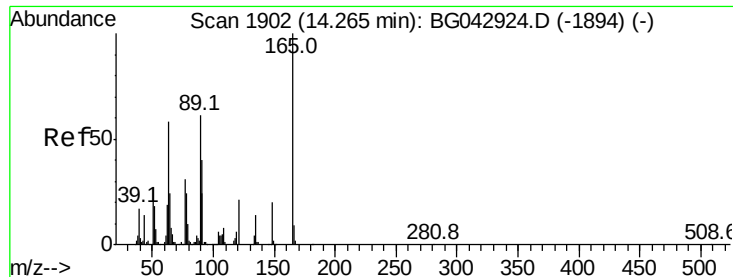


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

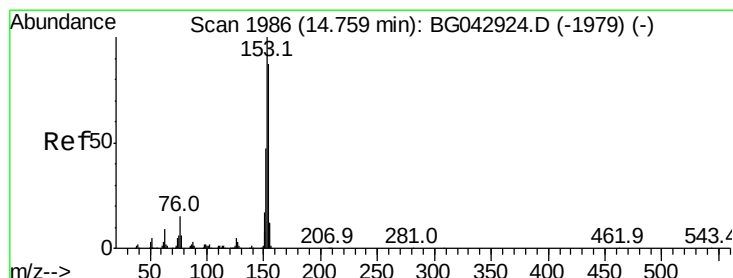
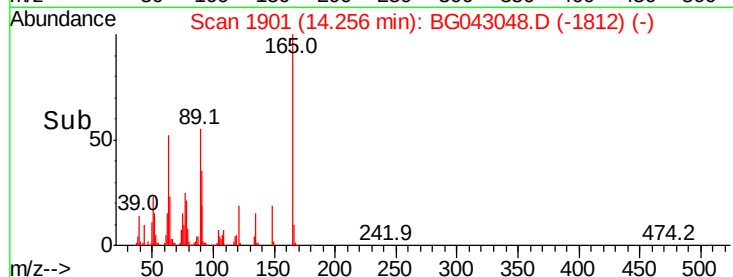
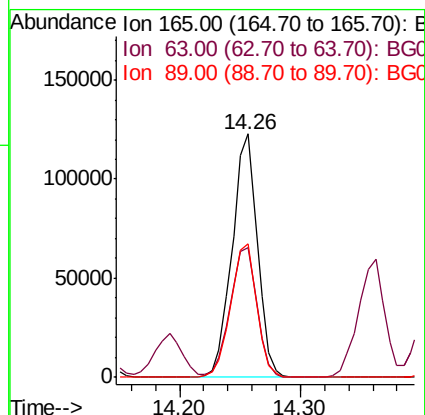
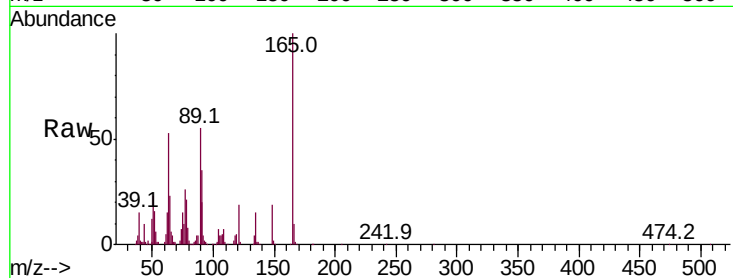




#51
2,6-Dinitrotoluene
Concen: 44.969 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

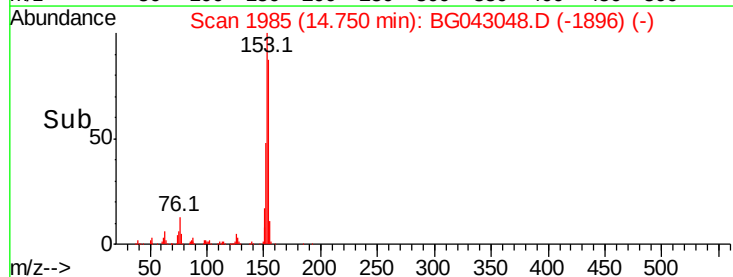
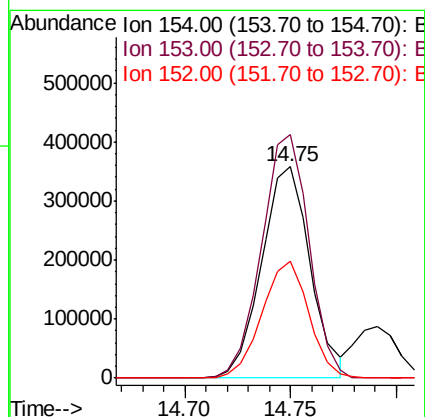
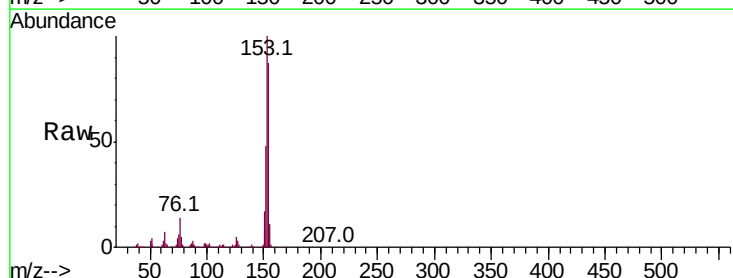
Instrument :
BNA_G
ClientSampleId :
PB123594BS

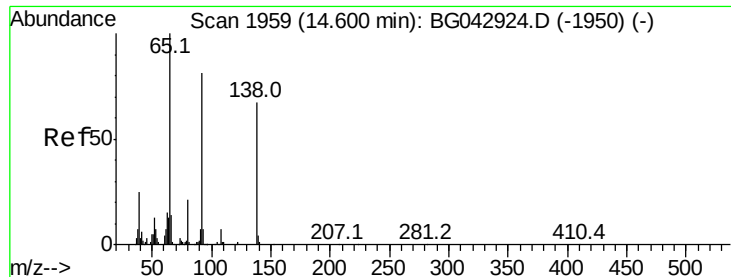
Tot Ion:165 Resp: 179619
Ion Ratio Lower Upper
165 100
63 53.2 50.3 75.5
89 54.7 48.9 73.3



#52
Acenaphthene
Concen: 39.255 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

Tgt Ion:154 Resp: 572235
Ion Ratio Lower Upper
154 100
153 115.3 91.4 137.0
152 55.2 42.8 64.2





#53

3-Nitroaniline

Concen: 34.757 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

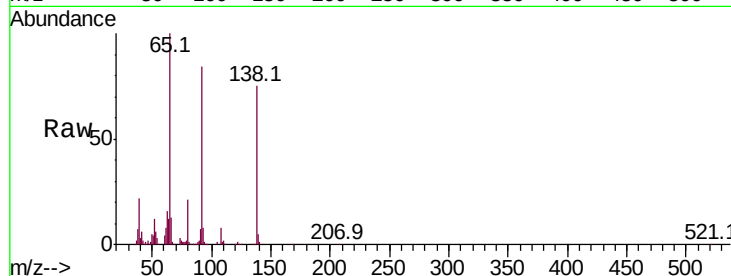
Tot Ion:138 Resp: 143475

Ion Ratio Lower Upper

138 100

108 10.4 7.9 11.9

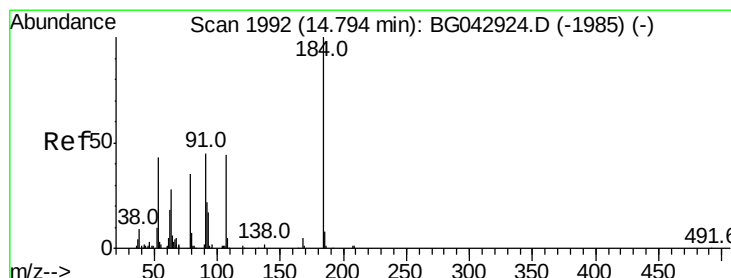
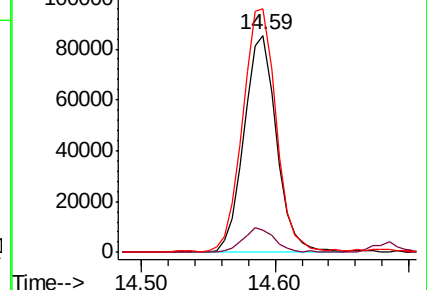
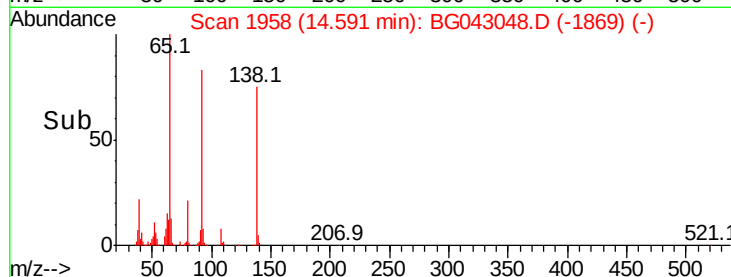
92 112.0 97.0 145.6



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: 84.590 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

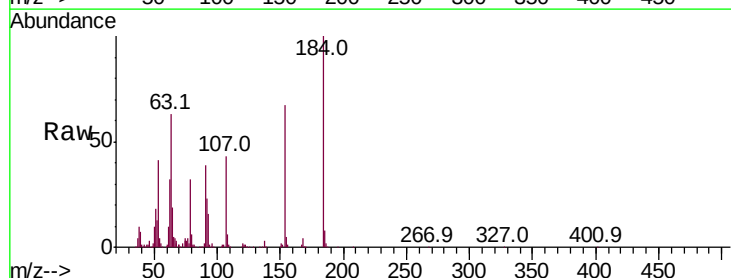
Tgt Ion:184 Resp: 210018

Ion Ratio Lower Upper

184 100

63 63.0 55.0 82.6

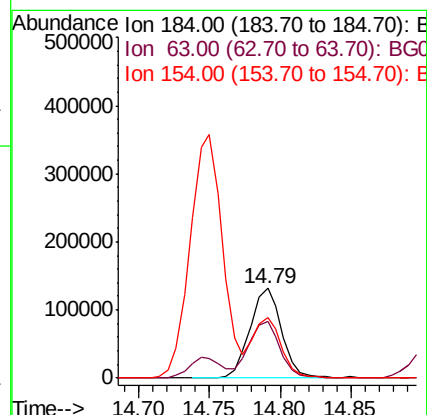
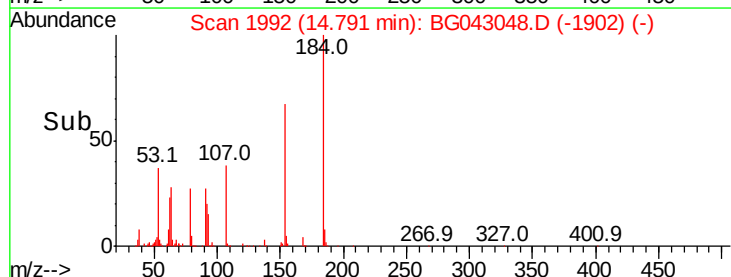
154 67.2 56.5 84.7

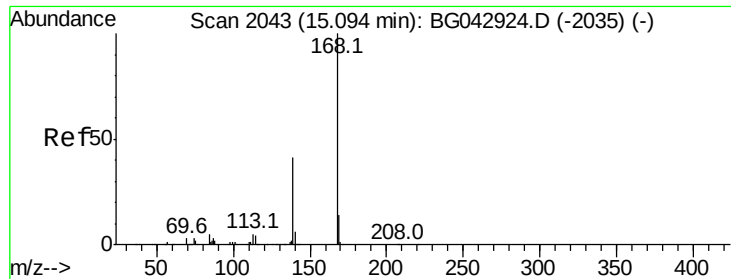


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

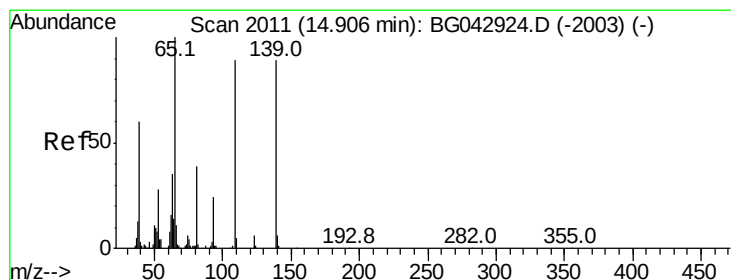
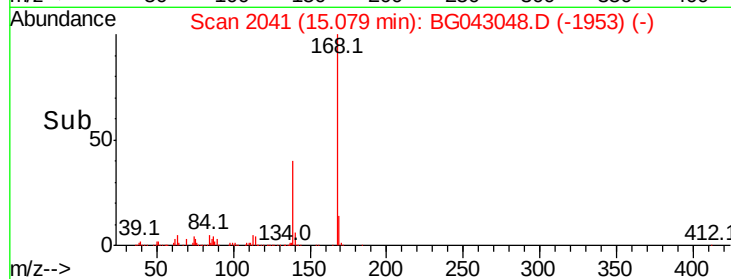
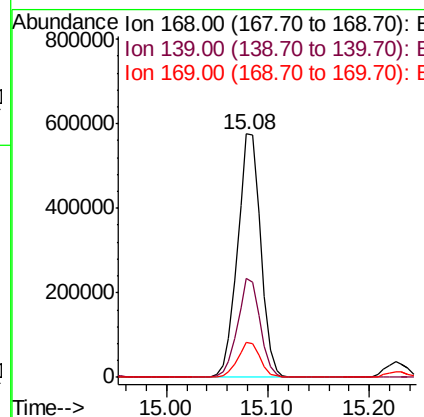
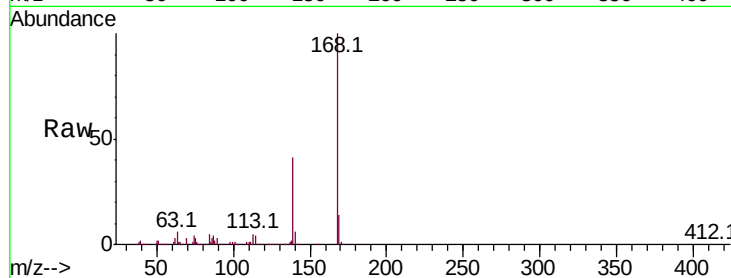




#55
Dibenzofuran
Concen: 42.266 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

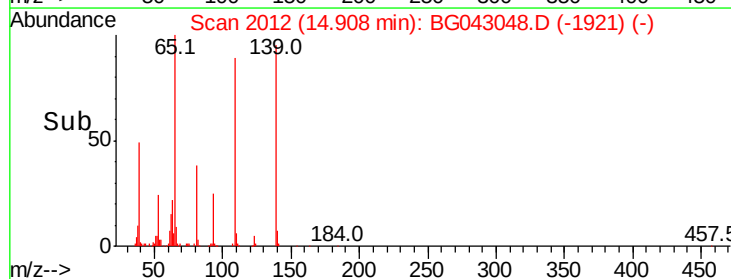
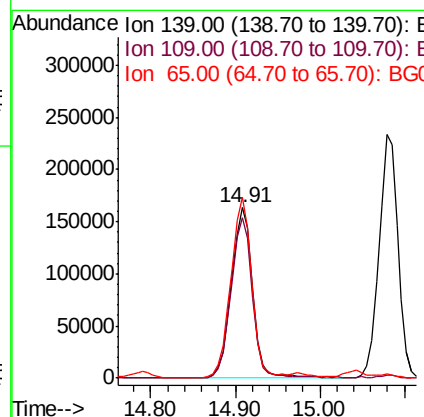
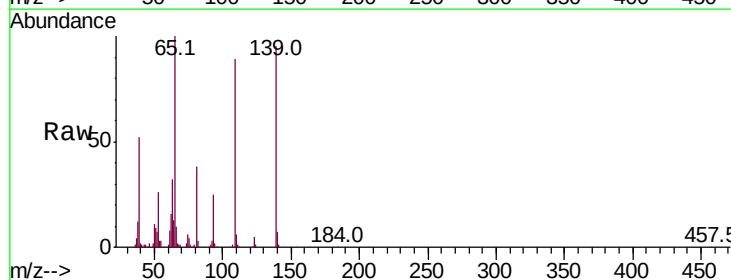
Instrument :
BNA_G
ClientSampleId :
PB123594BS

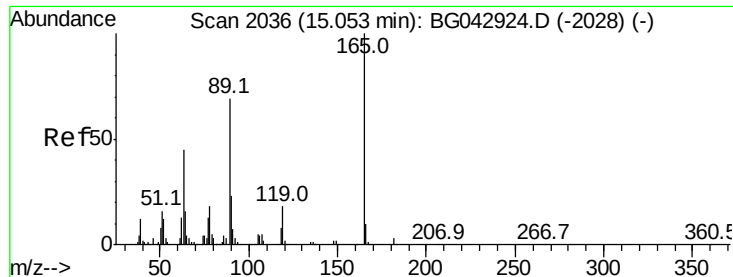
Tot Ion:168 Resp: 911440
Ion Ratio Lower Upper
168 100
139 40.5 32.6 48.8
169 14.4 11.2 16.8



#56
4-Nitrophenol
Concen: 89.825 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

Tgt Ion:139 Resp: 282517
Ion Ratio Lower Upper
139 100
109 93.9 79.4 119.4
65 105.7 92.5 132.5

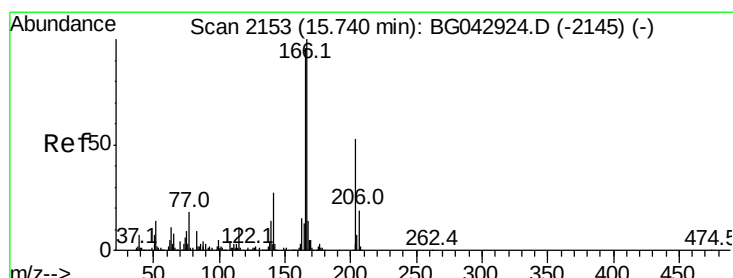
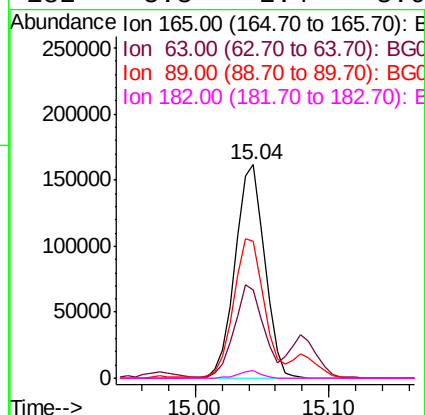
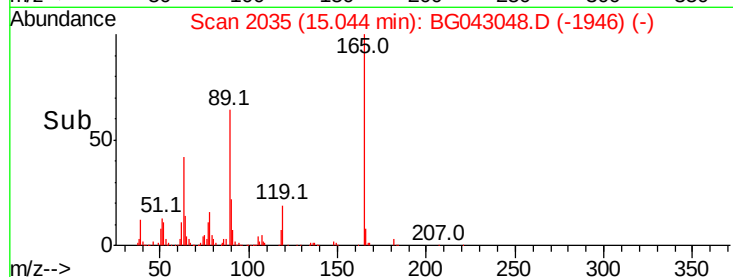
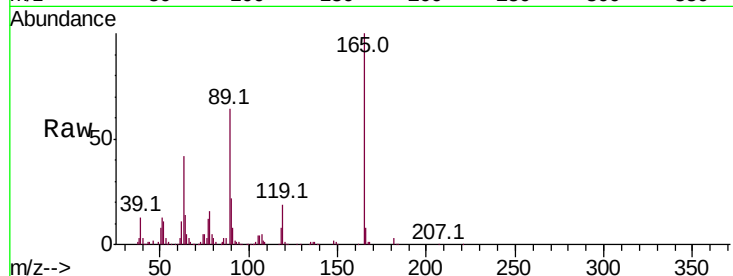




#57
 2,4-Dinitrotoluene
 Concen: 42.716 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG043048.D
 Acq: 5 Oct 2019 10:27

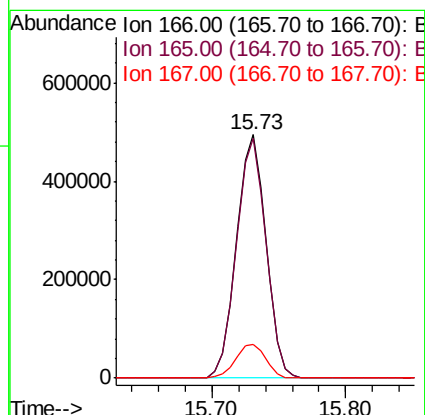
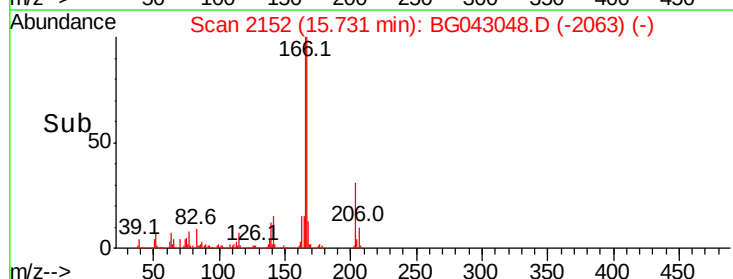
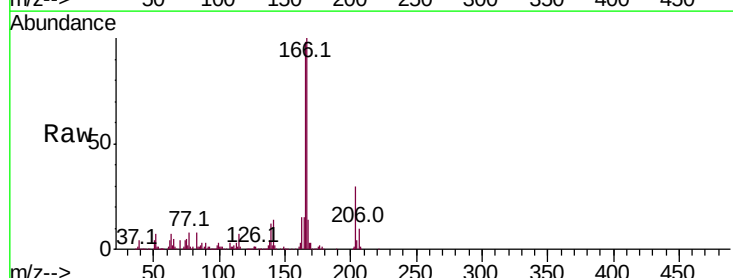
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

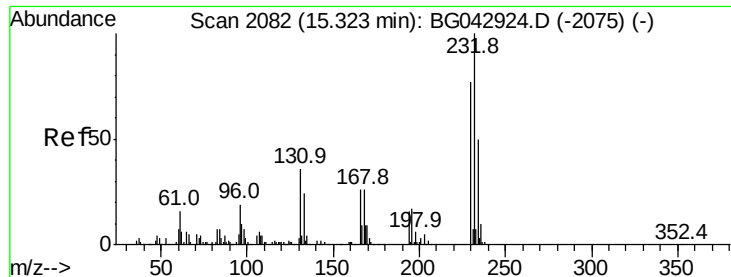
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.6	36.5	54.7
89	64.4	55.5	83.3
182	3.3	2.4	3.6



#58
 Fluorene
 Concen: 41.250 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG043048.D
 Acq: 5 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.1	115.7
167	13.7	11.0	16.6

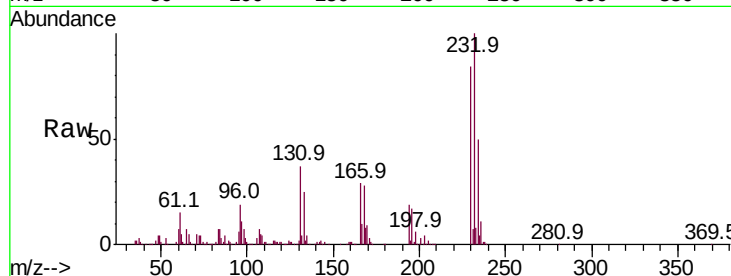




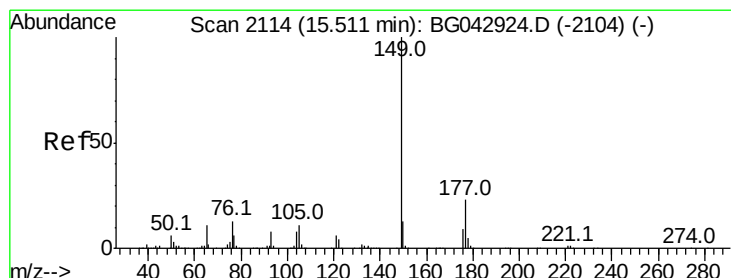
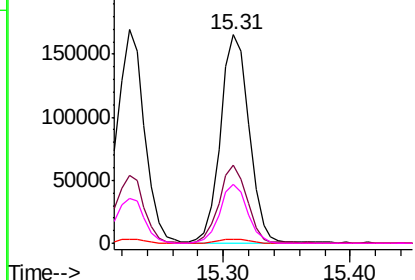
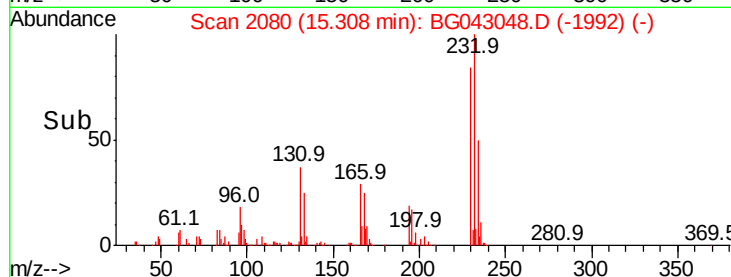
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.796 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion:	232	Resp:	258596
Ion	Ratio	Lower	Upper
232	100		
131	37.0	29.6	44.4
130	2.1	1.9	2.9
166	27.5	21.8	32.8

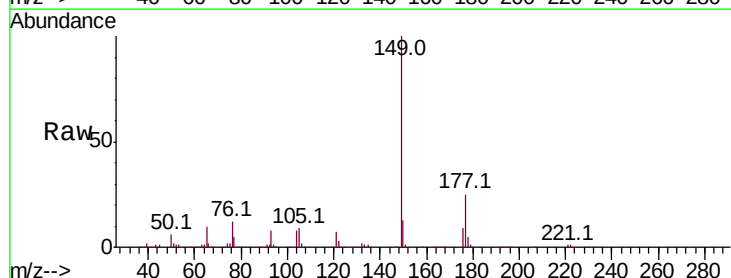


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

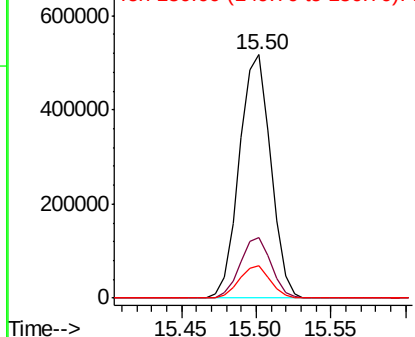
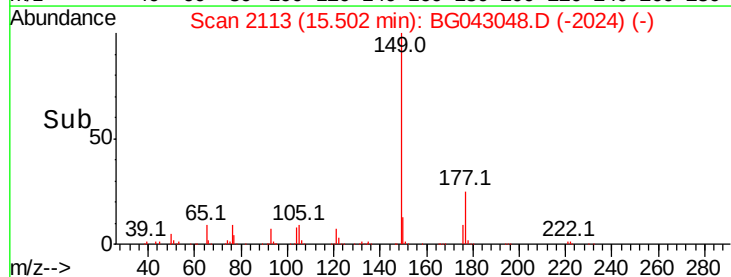


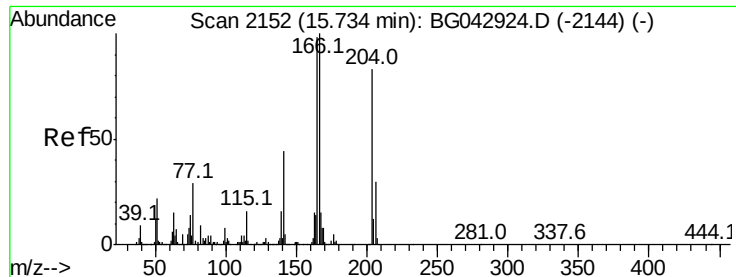
#60
Diethylphthalate
Concen: 39.480 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

Tgt Ion:	149	Resp:	753609
Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.8	28.2
150	13.4	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

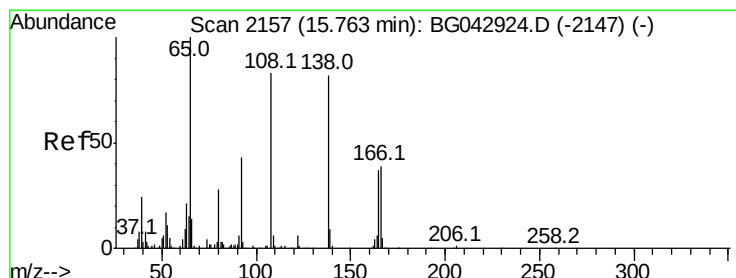
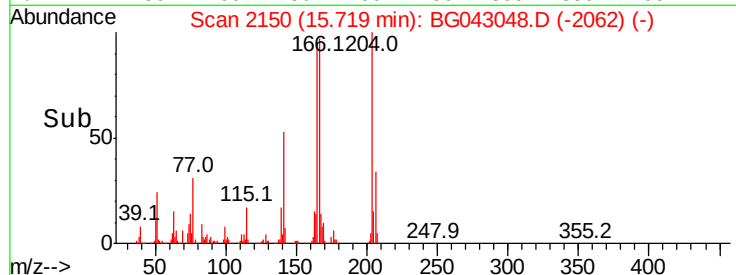
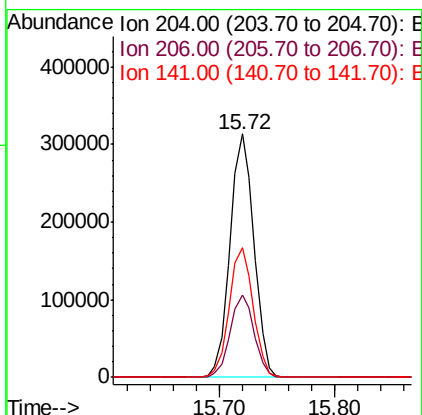
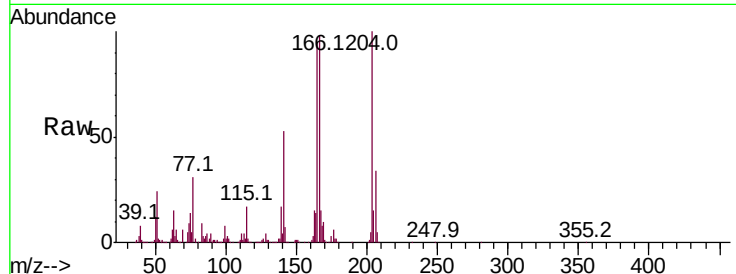




#61
4-Chlorophenyl-phenylether
Concen: 40.605 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

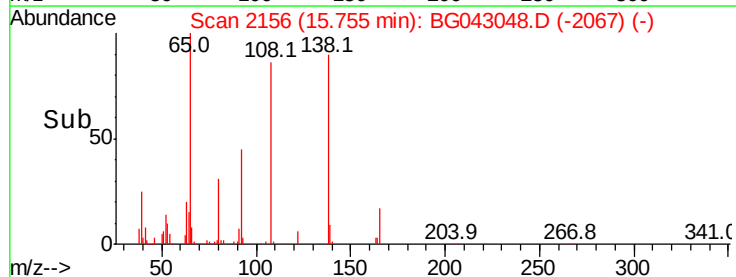
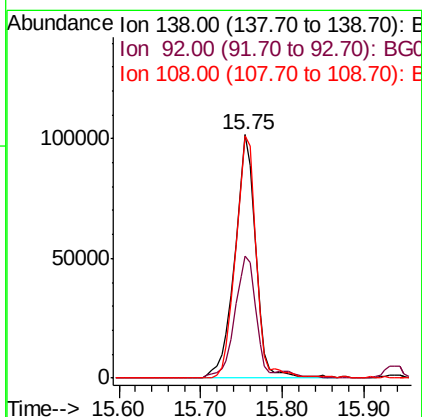
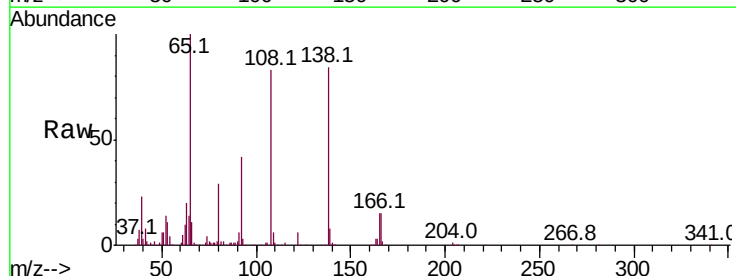
Instrument :
BNA_G
ClientSampleId :
PB123594BS

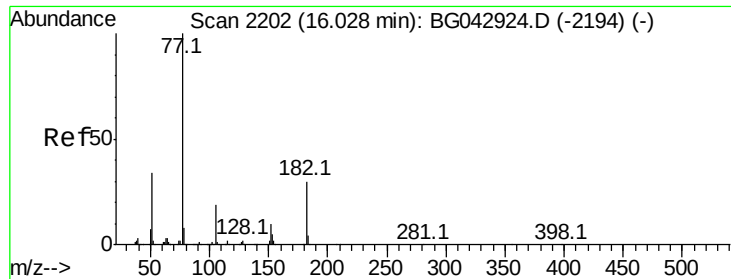
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	28.5	42.7
141	53.2	42.4	63.6



#62
4-Nitroaniline
Concen: 40.458 ng
RT: 15.75 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	32.9	72.9
108	99.3	81.3	121.3

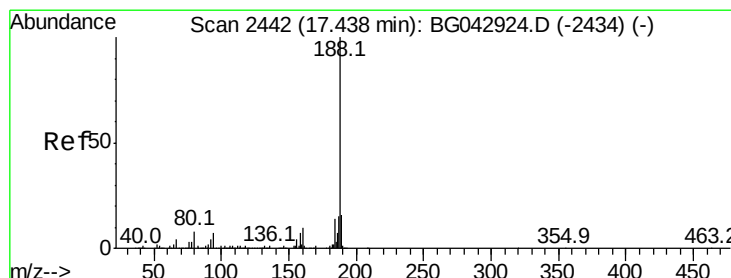
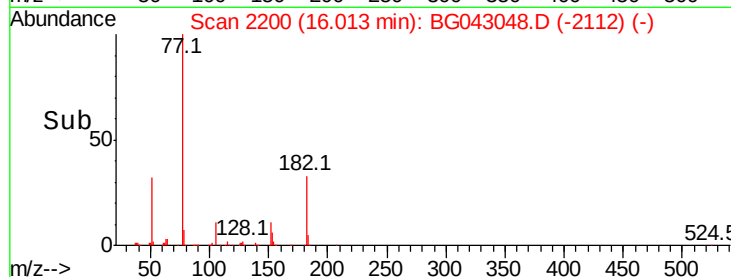
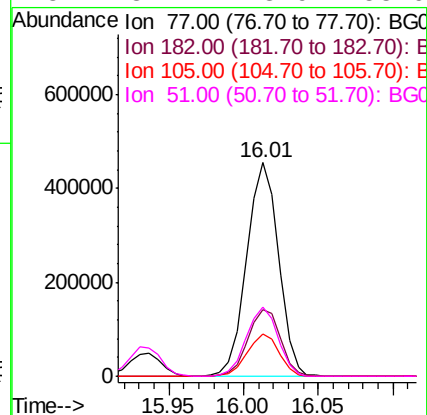
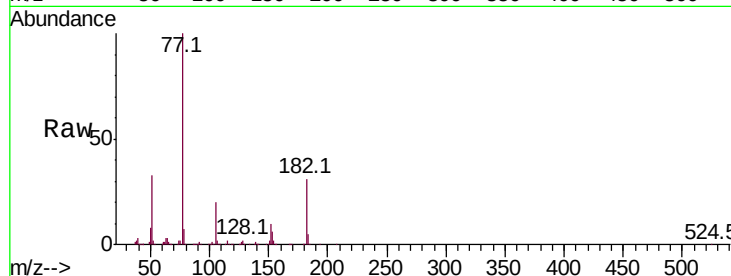




#63
Azobenzene
Concen: 38.533 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

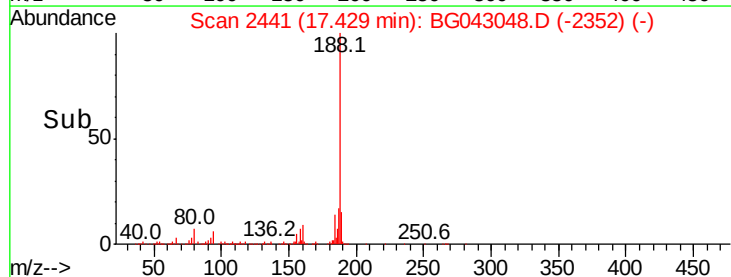
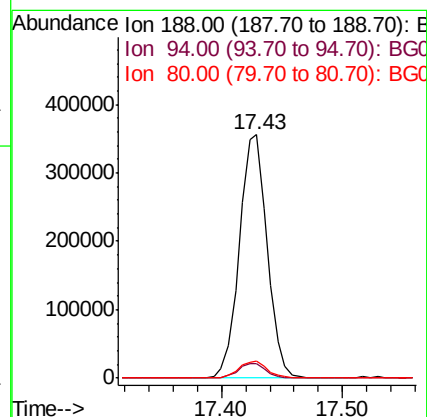
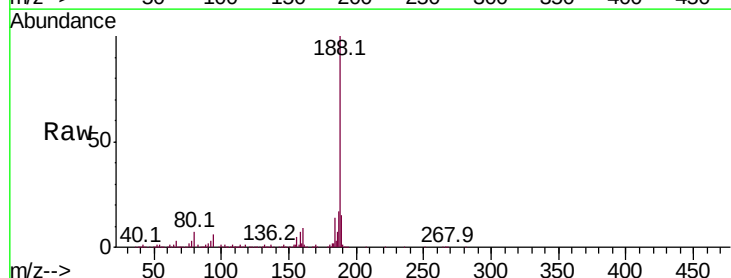
Instrument :
BNA_G
ClientSampleId :
PB123594BS

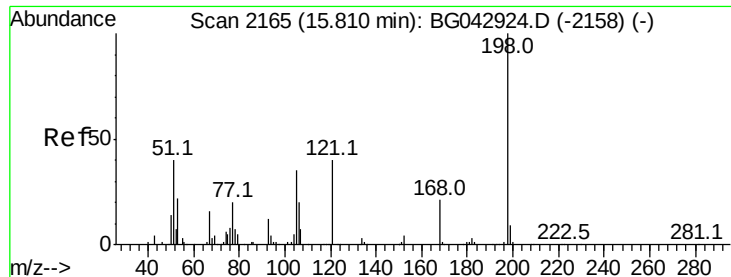
Tot Ion	Ratio	Lower	Upper
77	100		
182	31.3	10.2	50.2
105	20.0	0.0	39.1
51	32.7	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	7.2	6.5	9.7

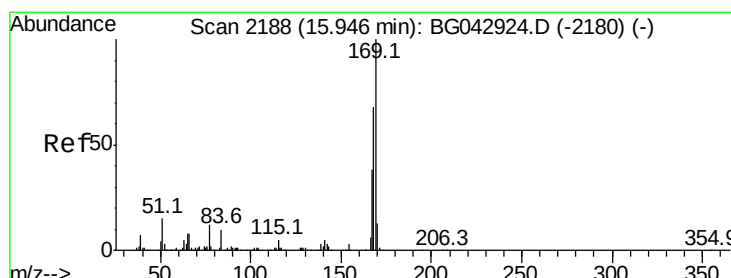
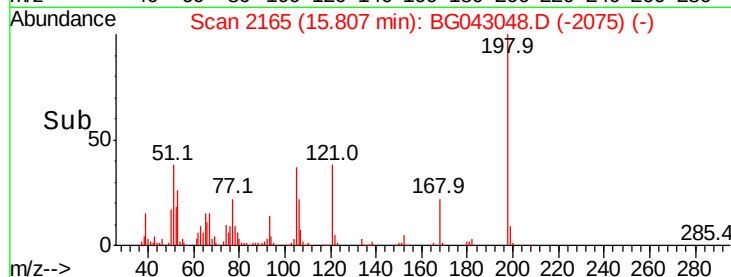
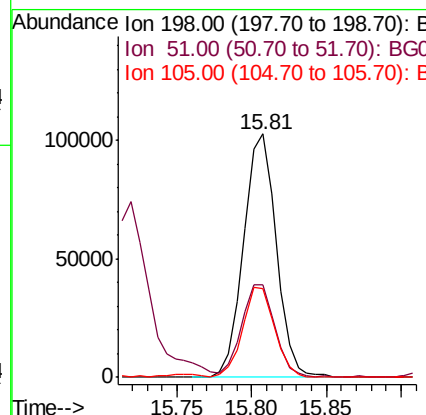
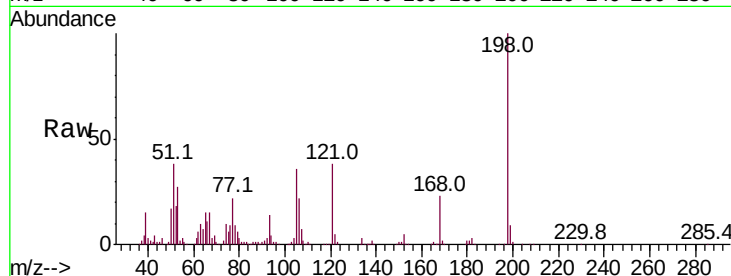




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.152 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG043048.D
 Acq: 5 Oct 2019 10:27

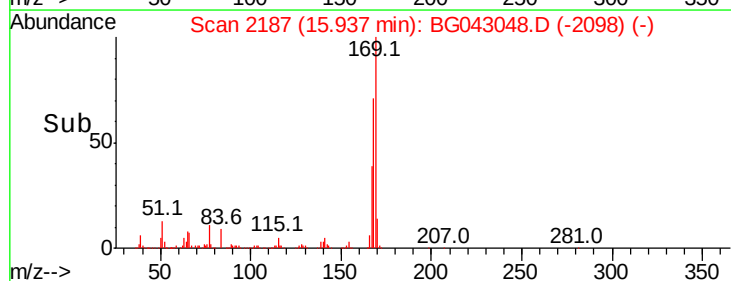
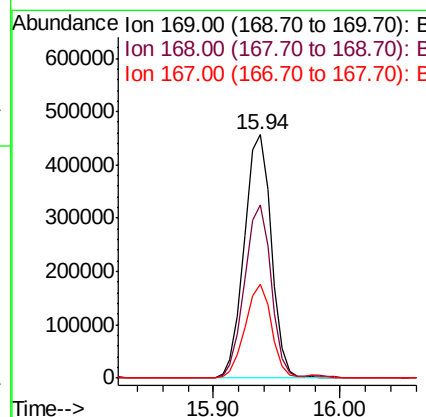
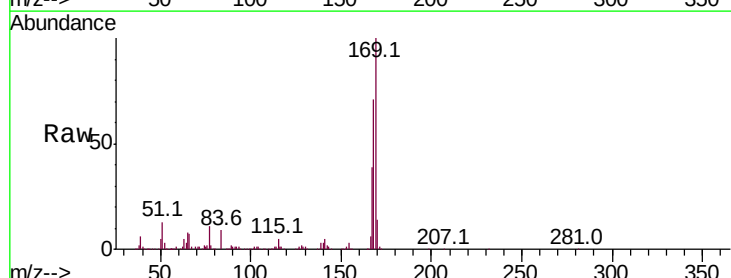
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

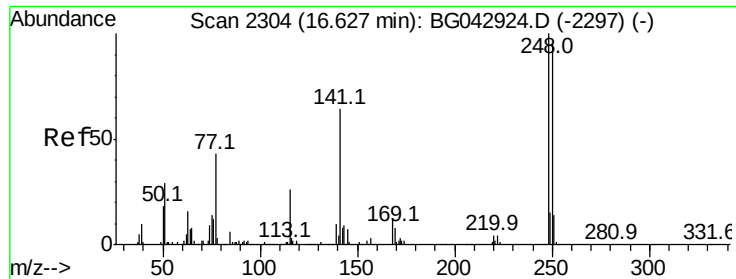
Tot Ion	Ratio	Lower	Upper
198	100		
51	38.2	25.3	65.3
105	36.4	16.6	56.6



#66
 n-Nitrosodiphenylamine
 Concen: 44.841 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG043048.D
 Acq: 5 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.2	54.8	82.2
167	38.8	30.6	46.0

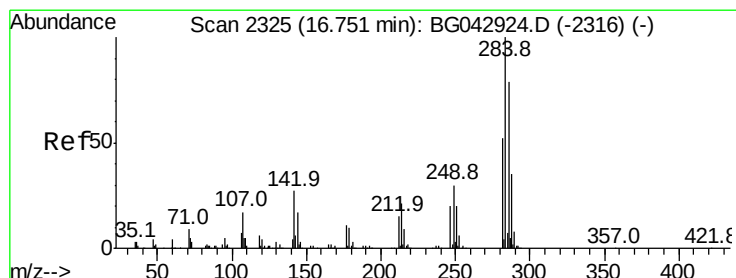
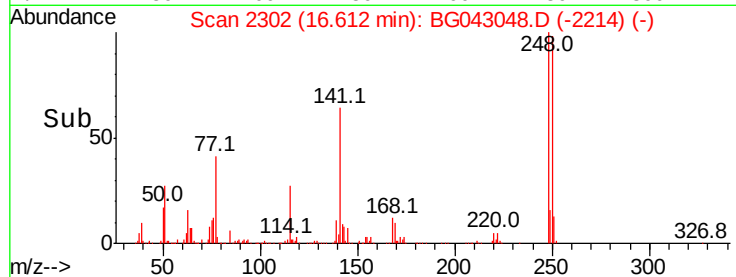
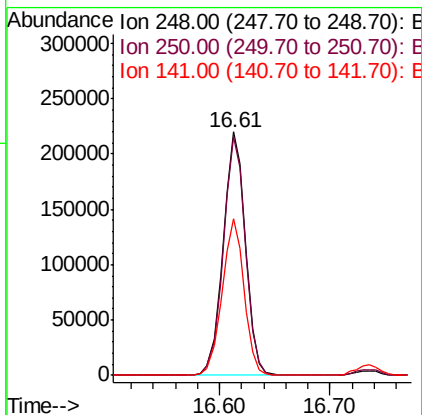
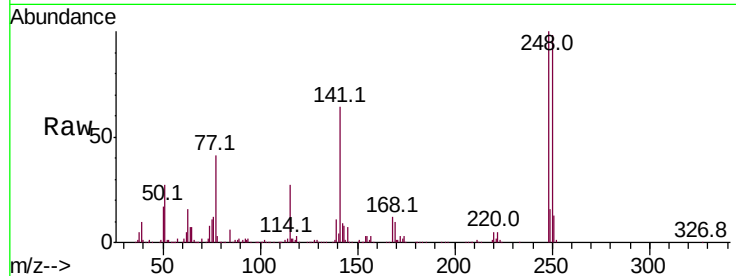




#67
4-Bromophenyl-phenylether
Concen: 43.182 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

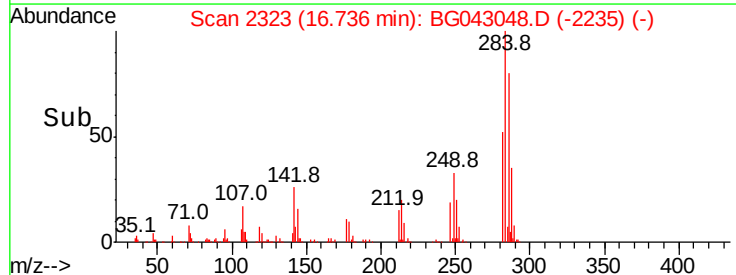
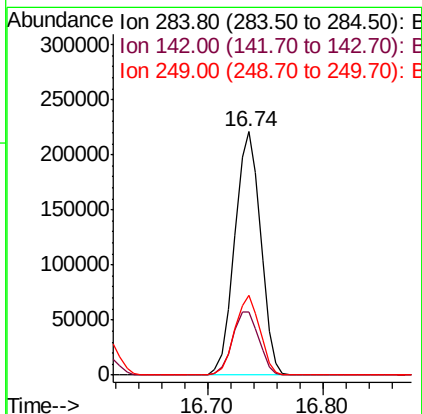
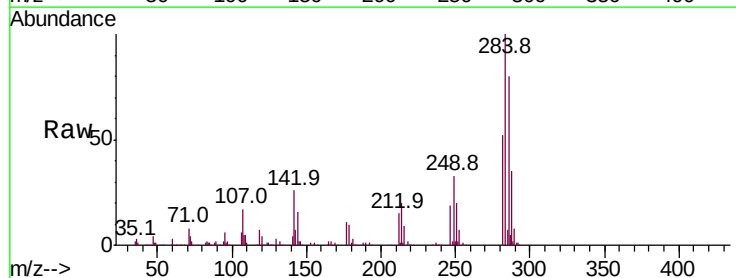
Instrument :
BNA_G
ClientSampleId :
PB123594BS

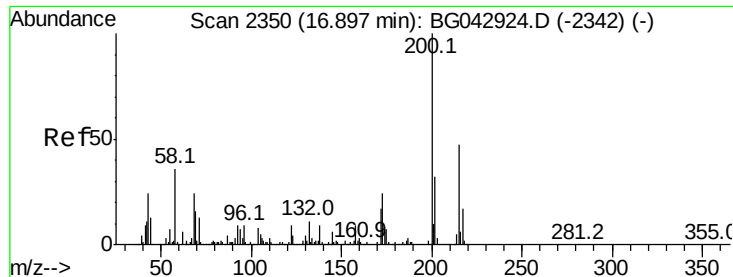
Tot Ion:248 Resp: 309947
Ion Ratio Lower Upper
248 100
250 98.1 75.8 113.8
141 64.4 51.1 76.7



#68
Hexachlorobenzene
Concen: 42.900 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

Tgt Ion:284 Resp: 342846
Ion Ratio Lower Upper
284 100
142 25.9 21.6 32.4
249 32.6 24.1 36.1

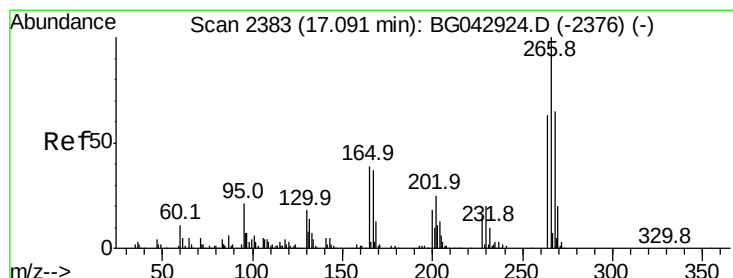
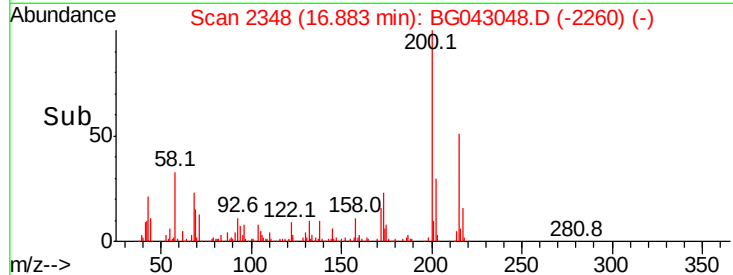
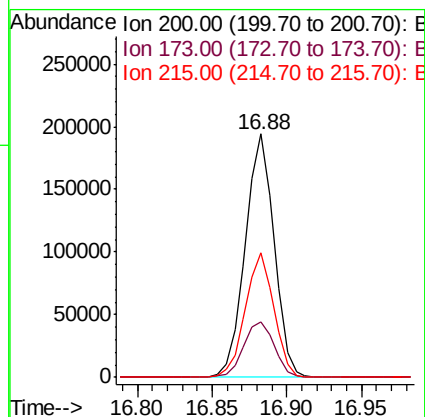
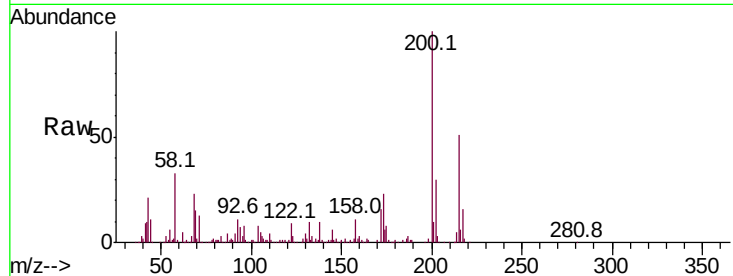




#69
Atrazine
Concen: 40.686 ng
RT: 16.88 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

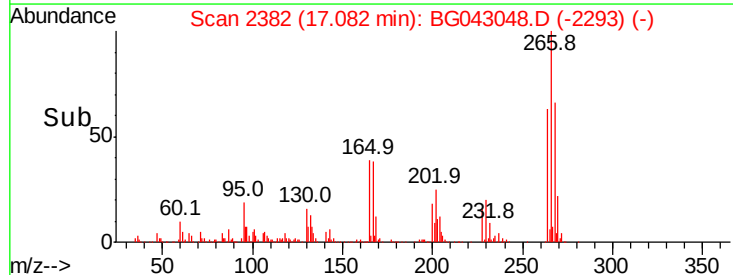
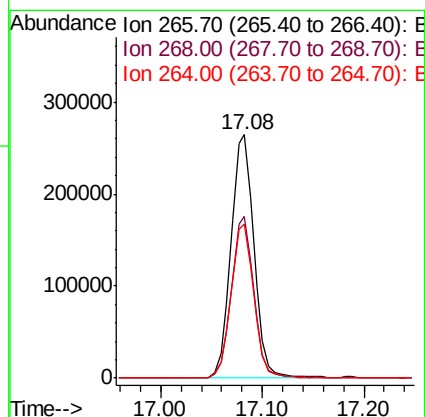
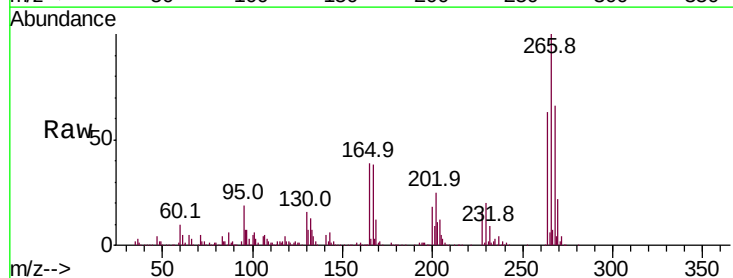
Instrument :
BNA_G
ClientSampled :
PB123594BS

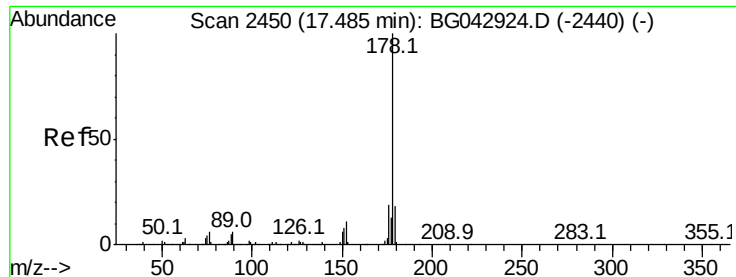
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.6	4.0	44.0
215	51.0	27.4	67.4



#70
Pentachlorophenol
Concen: 90.204 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	52.2	78.2
264	63.3	50.7	76.1





#71

Phenanthrene

Concen: 41.781 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

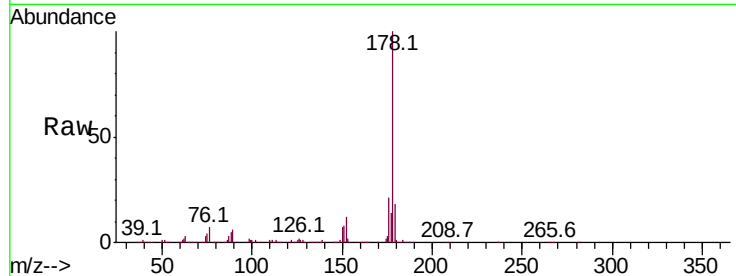
Tot Ion:178 Resp: 1166510

Ion Ratio Lower Upper

178 100

176 20.7 15.1 22.7

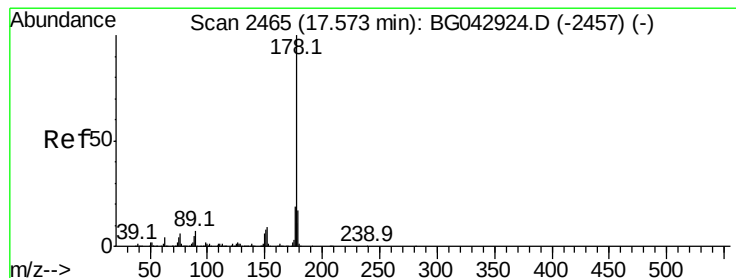
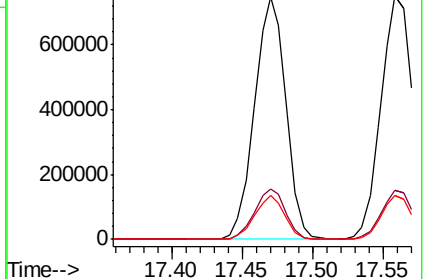
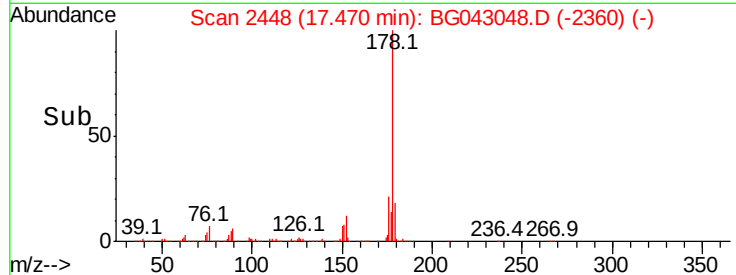
179 18.0 14.1 21.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.692 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

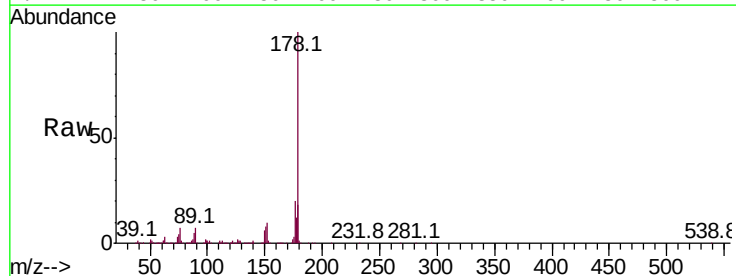
Tgt Ion:178 Resp: 1189931

Ion Ratio Lower Upper

178 100

176 20.3 15.5 23.3

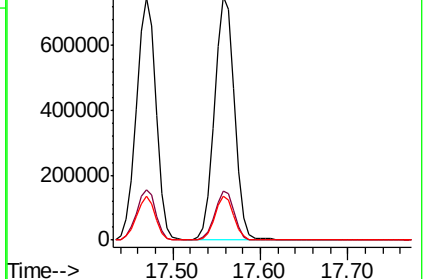
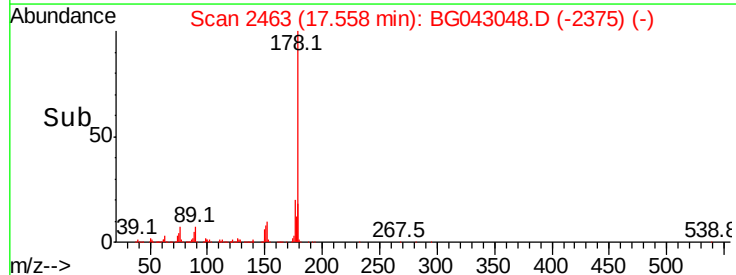
179 18.0 13.5 20.3

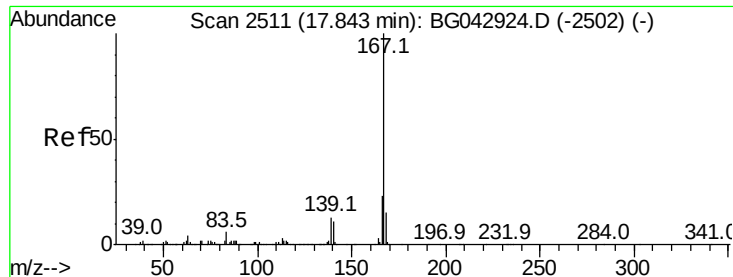


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.496 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

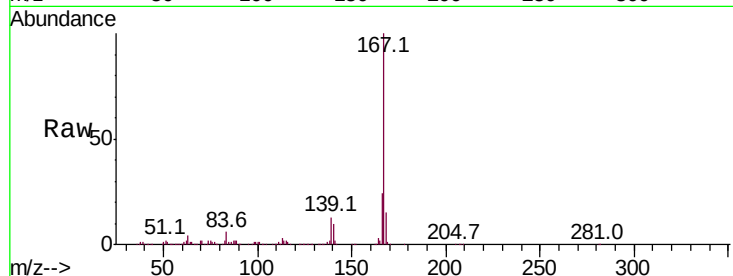
BNA_G

ClientSampleId :

PB123594BS

Tot Ion:167 Resp: 1098379

Ion	Ratio	Lower	Upper
167	100		
166	24.3	18.6	28.0
139	13.2	10.8	16.2

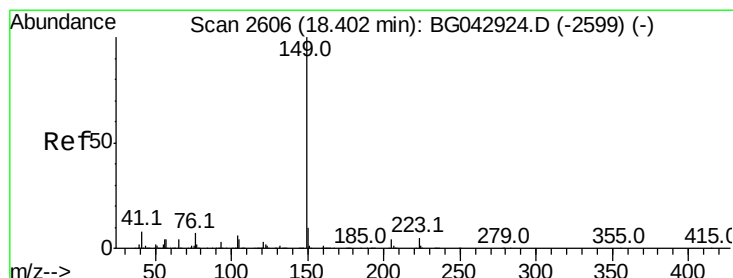
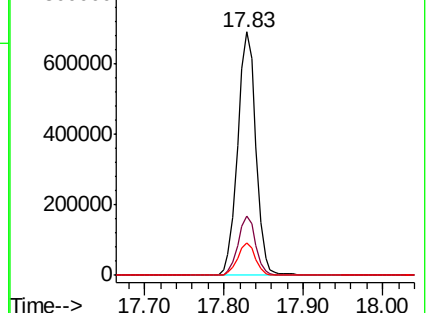
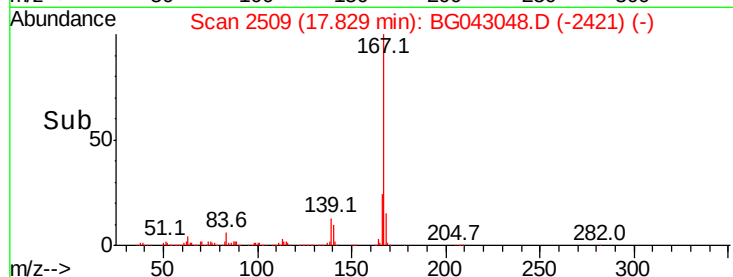


Abundance

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: 40.648 ng

RT: 18.39 min Scan# 2604

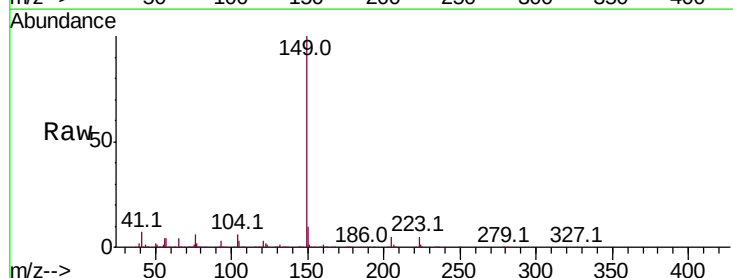
Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Tgt Ion:149 Resp: 1253516

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

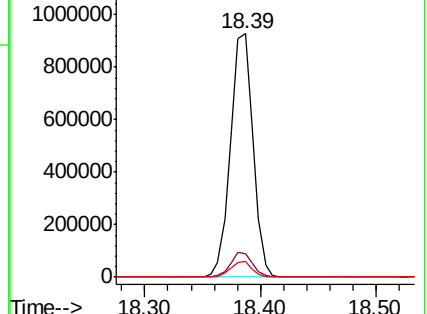
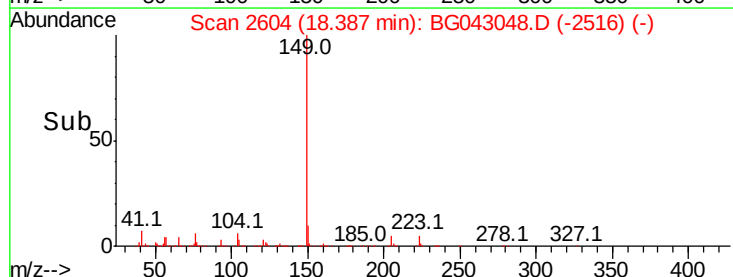


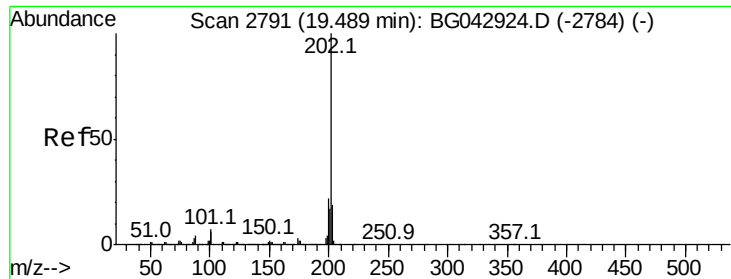
Abundance

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: 40.683 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampled :

PB123594BS

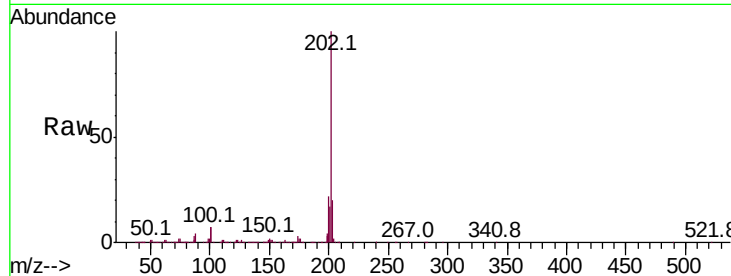
Tot Ion:202 Resp: 1502355

Ion Ratio Lower Upper

202 100

101 7.2 0.0 27.3

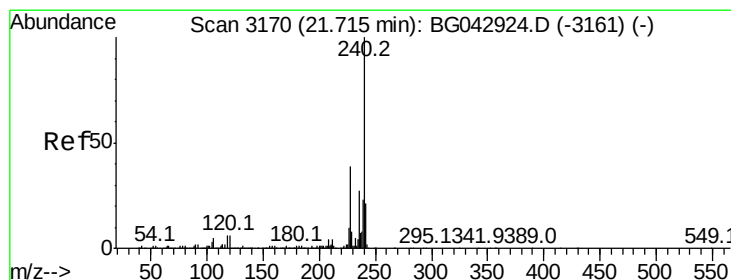
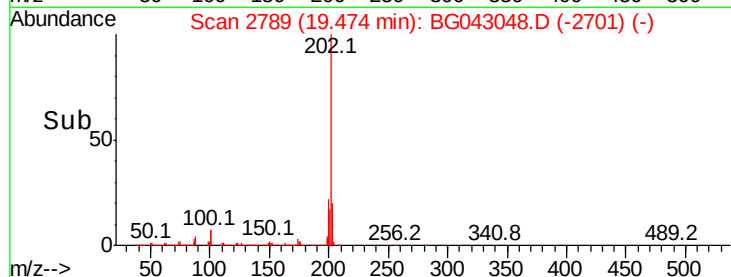
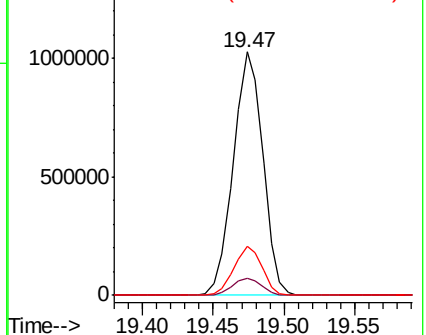
203 20.0 0.0 39.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

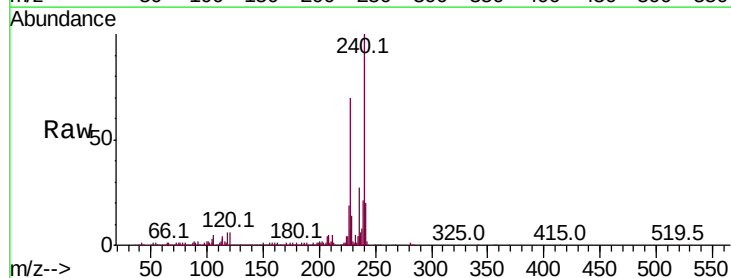
Tgt Ion:240 Resp: 600204

Ion Ratio Lower Upper

240 100

120 6.0 4.8 7.2

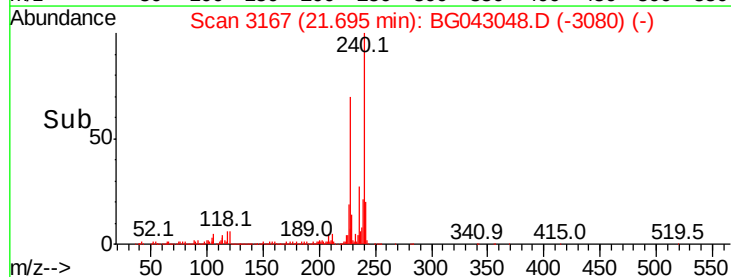
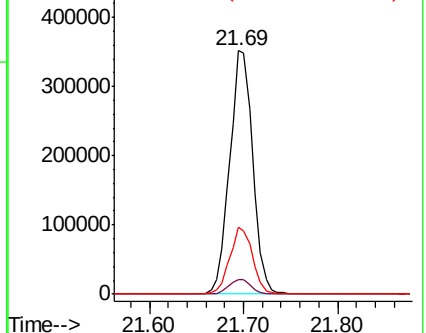
236 27.5 21.4 32.0

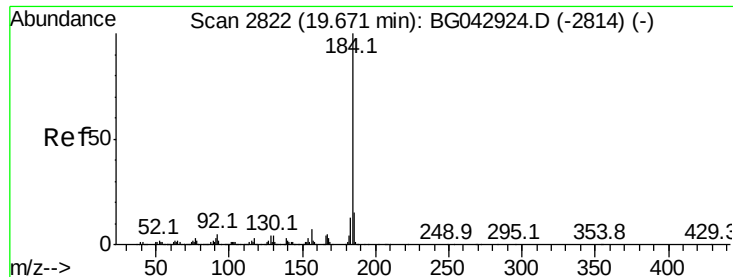


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.396 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

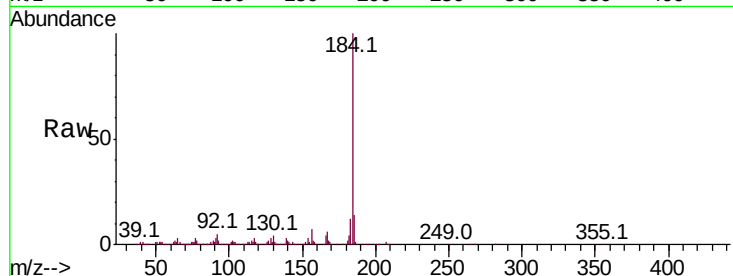
Tot Ion:184 Resp: 441781

Ion Ratio Lower Upper

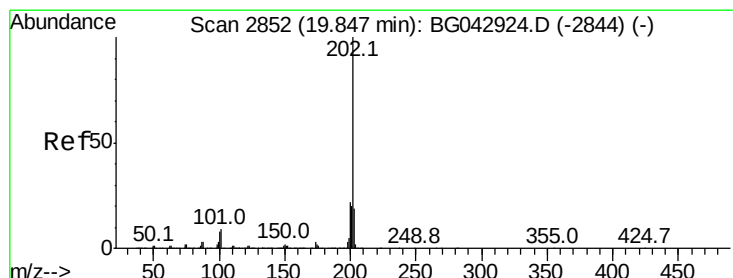
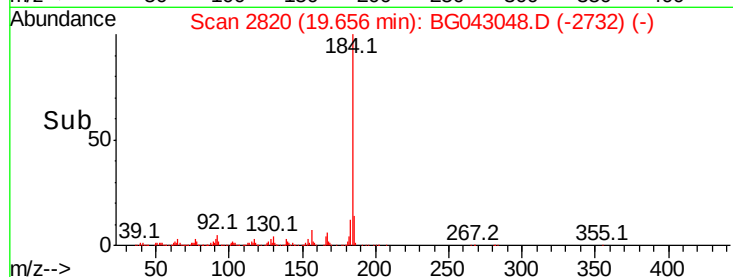
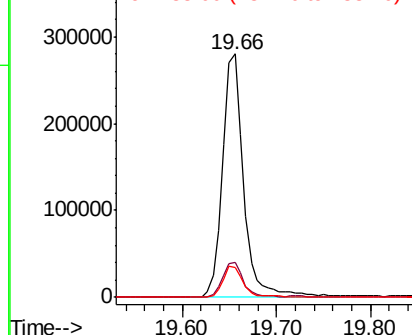
184 100

185 14.5 11.8 17.8

183 12.1 10.1 15.1



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



#78

Pyrene

Concen: 41.927 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

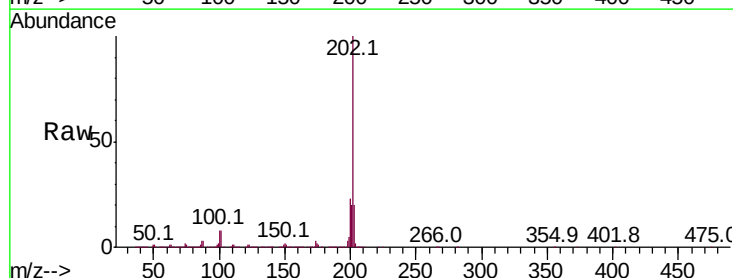
Tgt Ion:202 Resp: 1501977

Ion Ratio Lower Upper

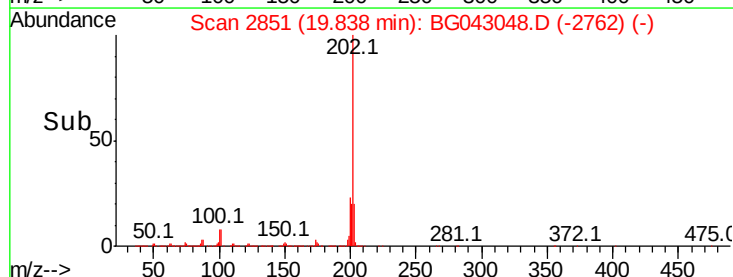
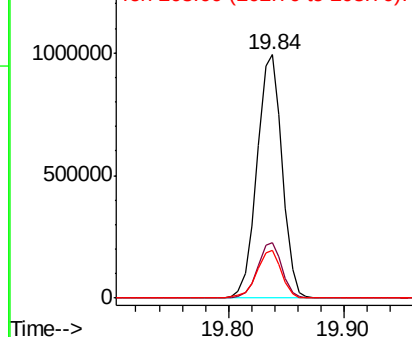
202 100

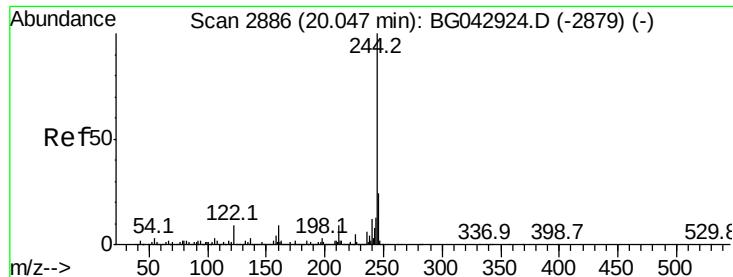
200 23.0 17.6 26.4

203 19.8 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: 68.902 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

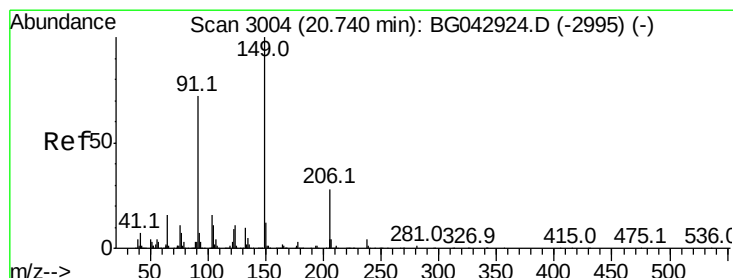
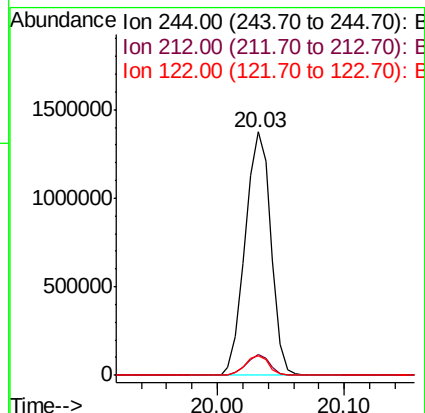
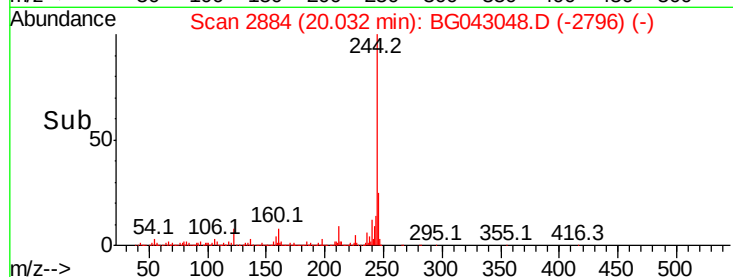
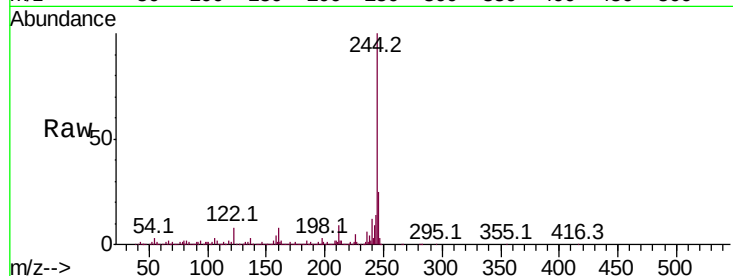
Tot Ion:244 Resp: 1940771

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.0

122 8.2 7.0 10.4



#80

Butylbenzylphthalate

Concen: 43.327 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.02 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

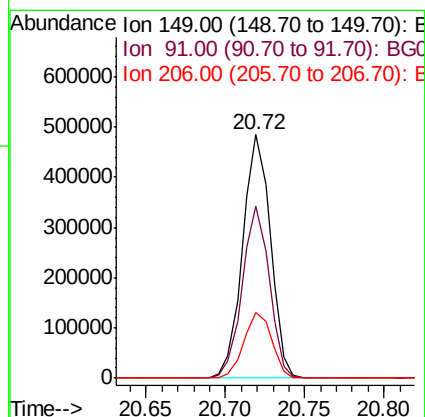
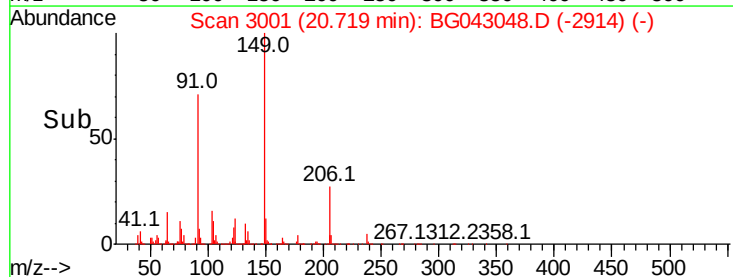
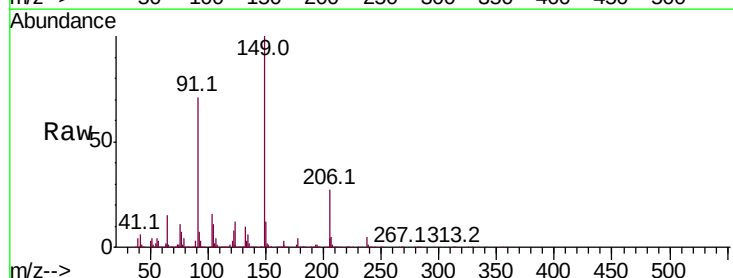
Tgt Ion:149 Resp: 589162

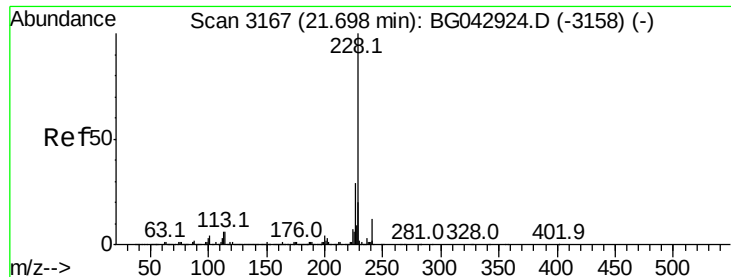
Ion Ratio Lower Upper

149 100

91 70.8 57.7 86.5

206 27.0 22.6 33.8





#81

Benzo(a)anthracene

Concen: 41.788 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

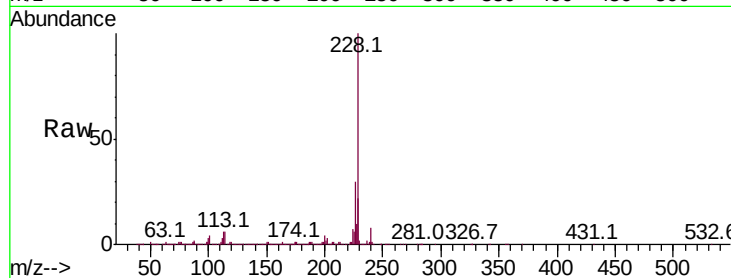
BNA_G

ClientSampleId :

PB123594BS

Tot Ion:228 Resp: 1562791

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.0	34.4
229	22.1	16.3	24.5

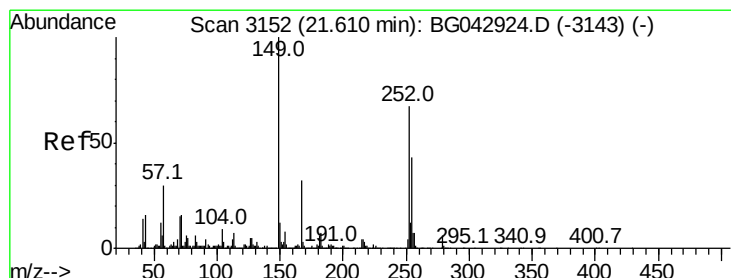
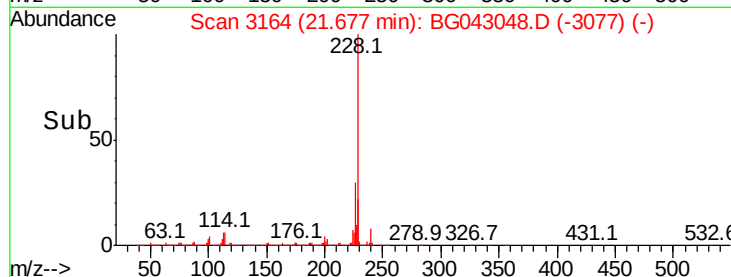
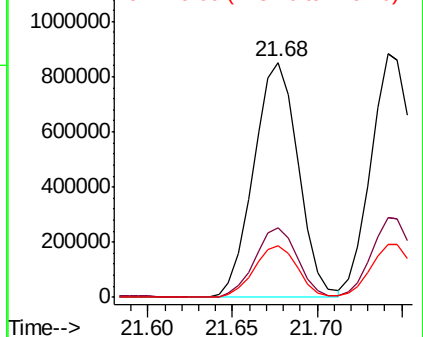


Abundance

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: 40.886 ng

RT: 21.59 min Scan# 3150

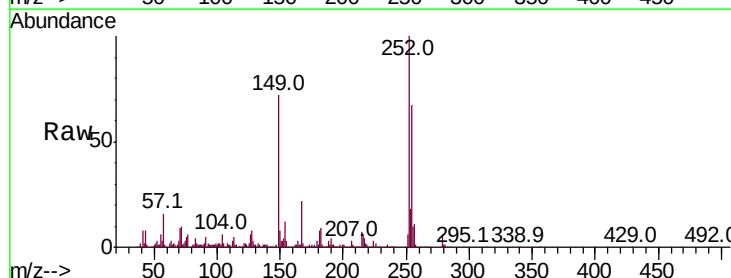
Delta R.T. -0.01 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Tgt Ion:252 Resp: 599718

Ion	Ratio	Lower	Upper
252	100		
254	66.9	51.9	77.9
126	6.4	6.1	9.1

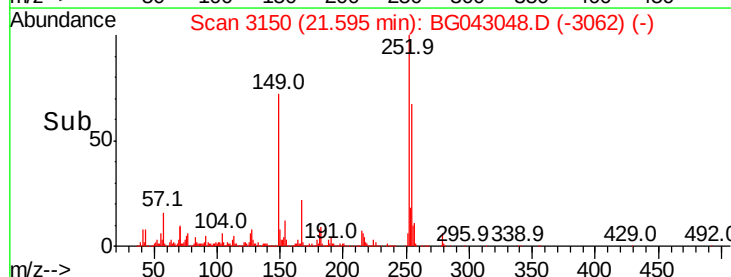
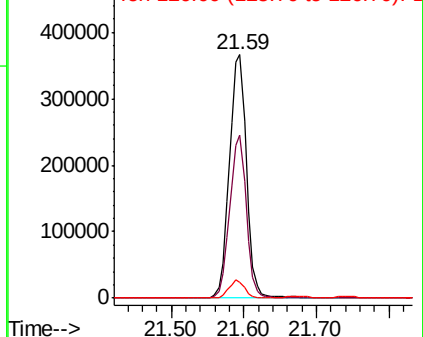


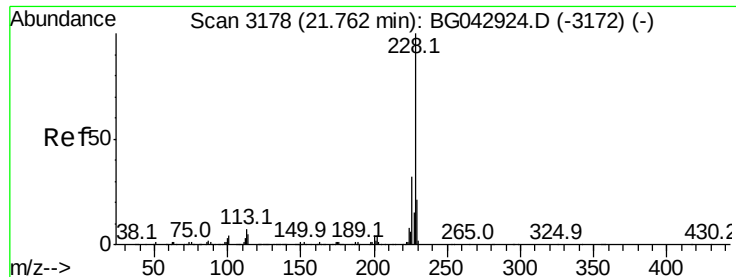
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.569 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

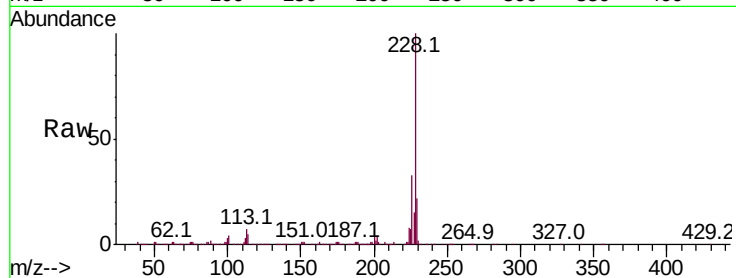
BNA_G

ClientSampleId :

PB123594BS

Tot Ion:228 Resp: 1508649

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.6	38.4
229	22.0	16.9	25.3

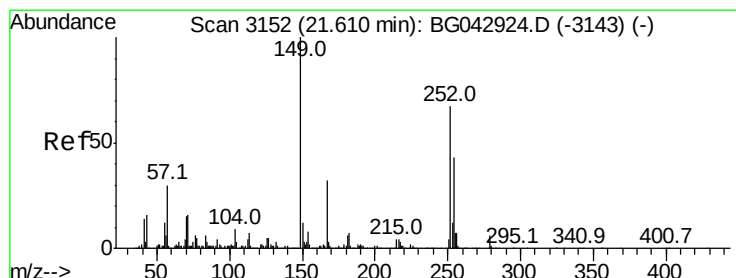
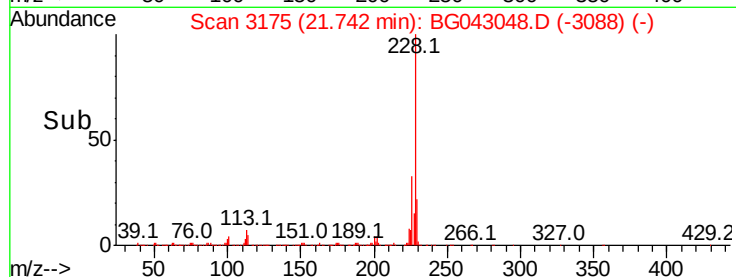
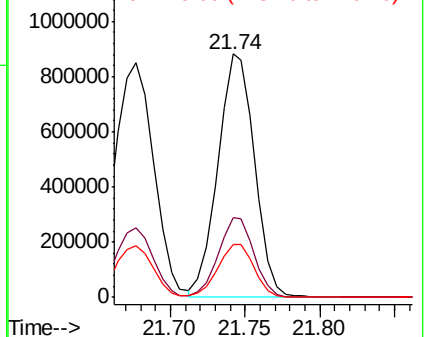


Abundance

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: 43.649 ng

RT: 21.58 min Scan# 3148

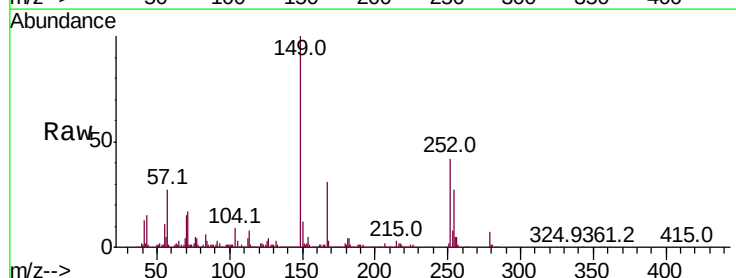
Delta R.T. -0.03 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Tgt Ion:149 Resp: 844555

Ion	Ratio	Lower	Upper
149	100		
167	31.2	25.4	38.2
279	7.4	5.1	7.7

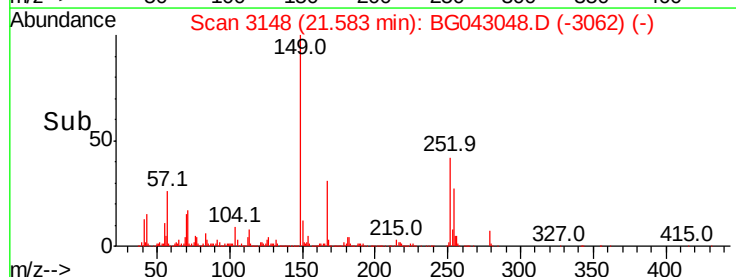
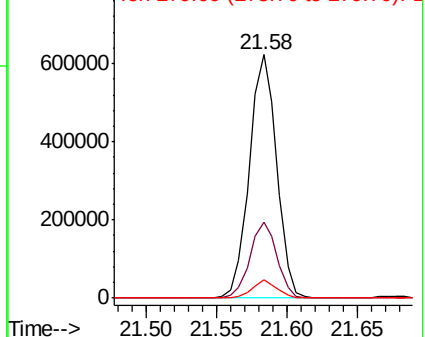


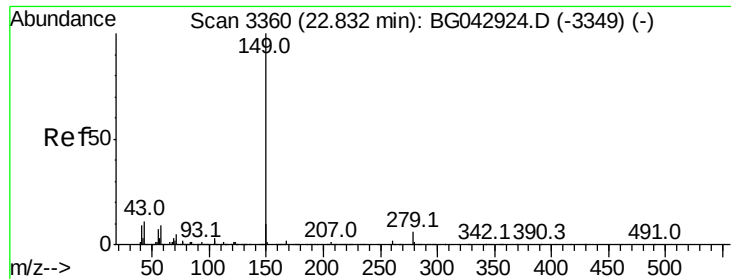
Abundance

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

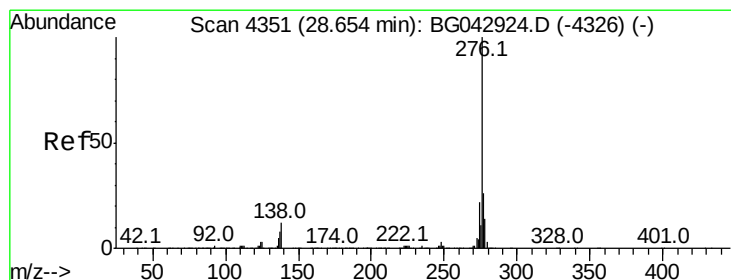
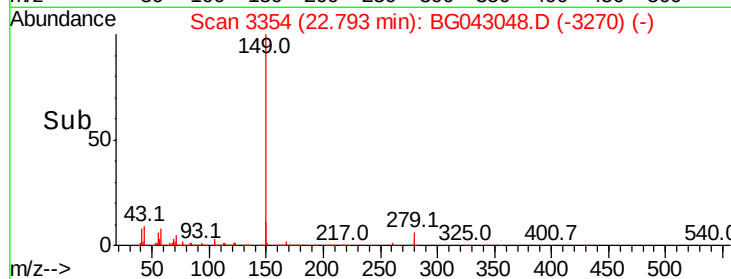
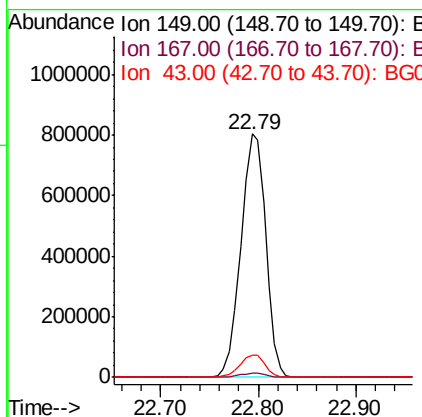
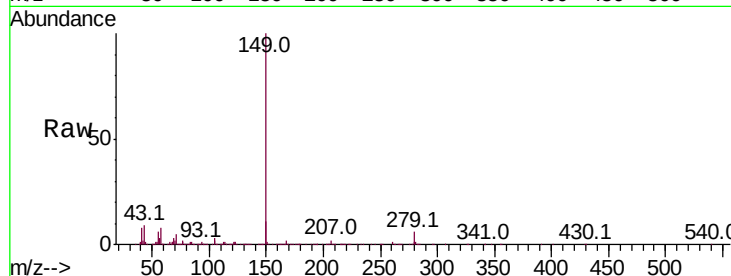




#85
Di-n-octyl phthalate
Concen: 45.013 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

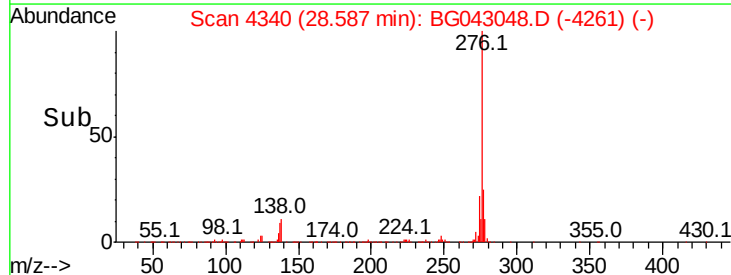
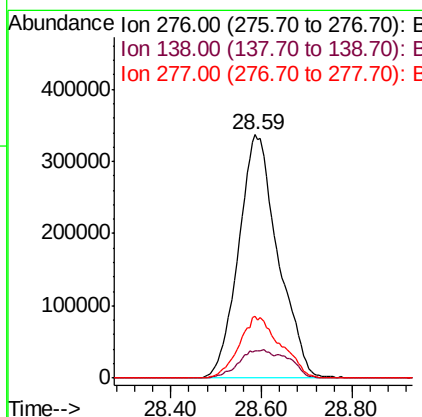
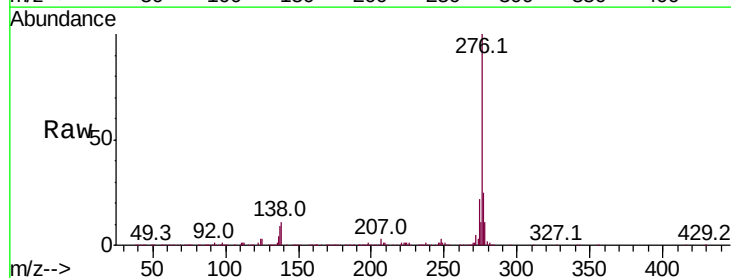
Instrument :
BNA_G
ClientSampleId :
PB123594BS

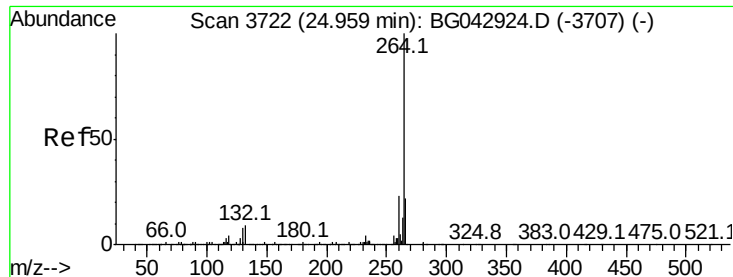
Tot Ion:149 Resp: 1424195
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 9.2 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.841 ng
RT: 28.59 min Scan# 4340
Delta R.T. -0.07 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

Tgt Ion:276 Resp: 2025959
Ion Ratio Lower Upper
276 100
138 14.4 7.0 10.6#
277 26.6 20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3714

Delta R.T. -0.05 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

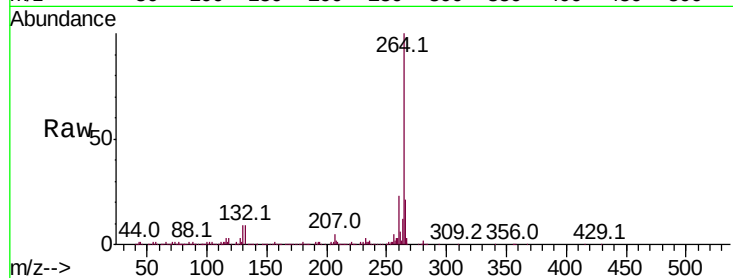
BNA_G

ClientSampleId :

PB123594BS

Tot Ion:264 Resp: 607617

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.0	17.7	26.5

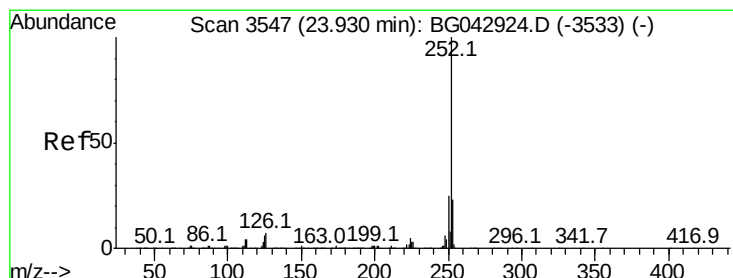
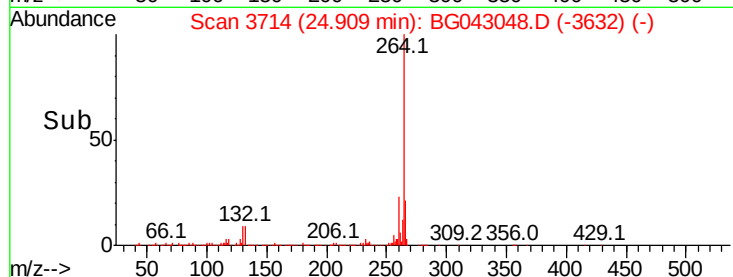
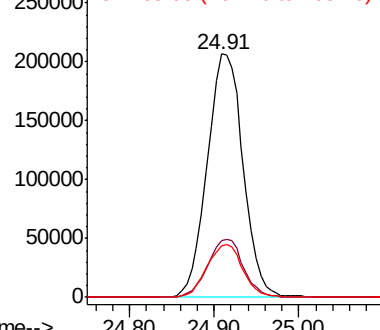


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.959 ng

RT: 23.90 min Scan# 3542

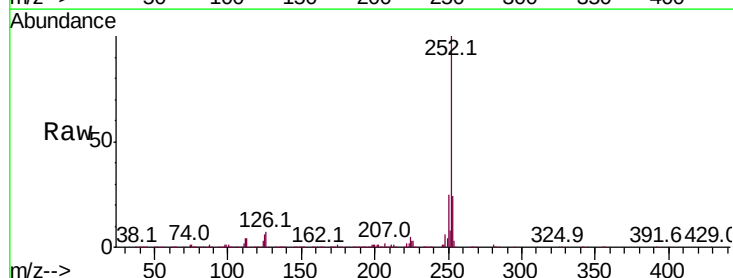
Delta R.T. -0.03 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Tgt Ion:252 Resp: 1683231

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	5.8	4.6	7.0

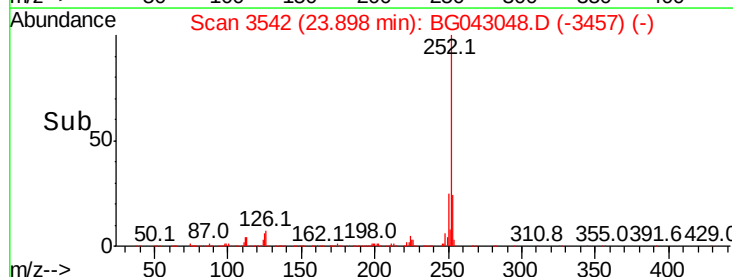
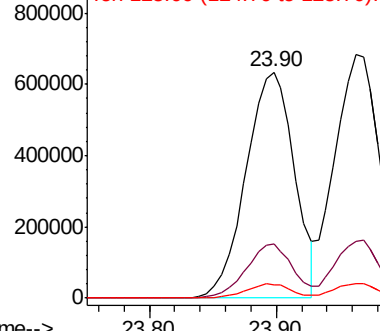


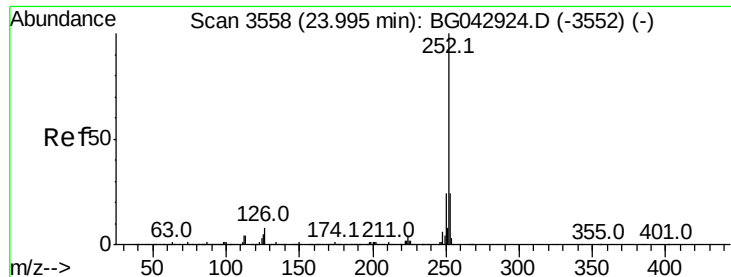
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.298 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.03 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

Instrument :

BNA_G

ClientSampleId :

PB123594BS

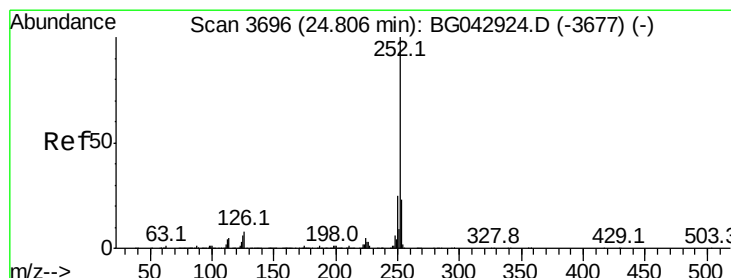
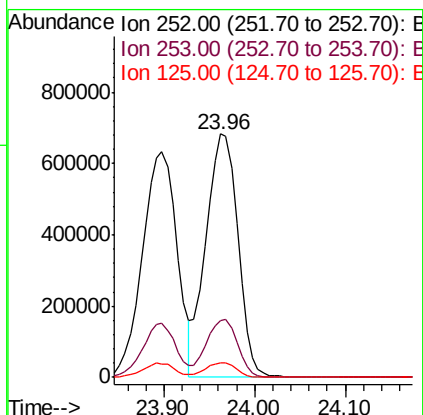
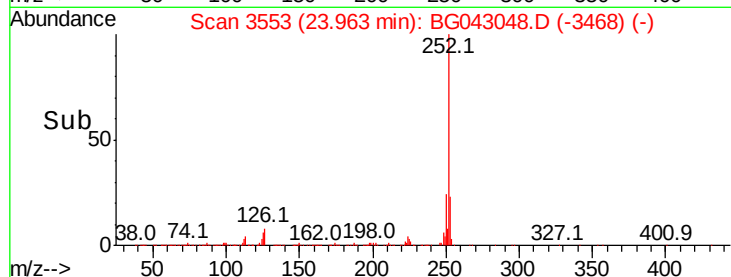
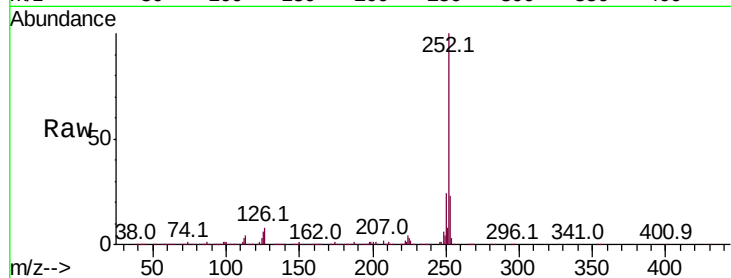
Tot Ion:252 Resp: 1676703

Ion Ratio Lower Upper

252 100

253 23.5 18.9 28.3

125 5.9 4.5 6.7



#90

Benzo(a)pyrene

Concen: 51.283 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.04 min

Lab File: BG043048.D

Acq: 5 Oct 2019 10:27

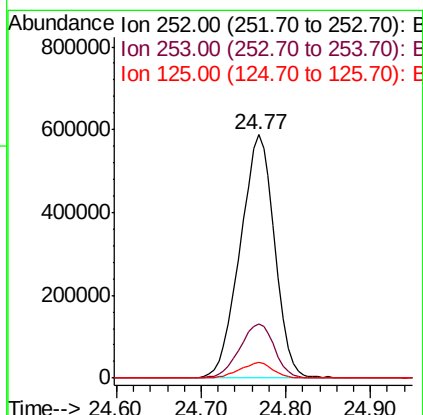
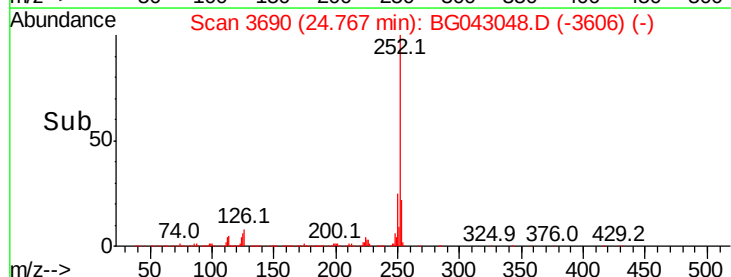
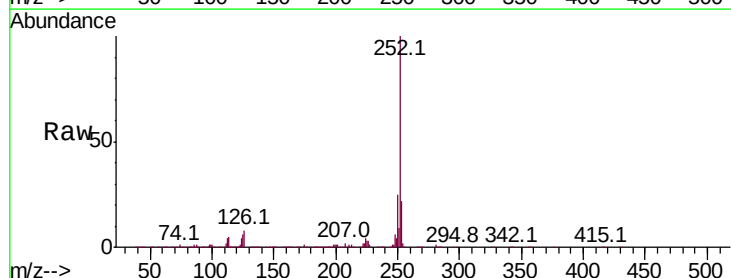
Tgt Ion:252 Resp: 1663448

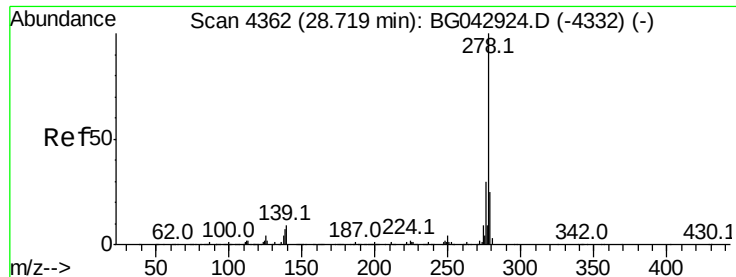
Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

125 6.3 5.0 7.6

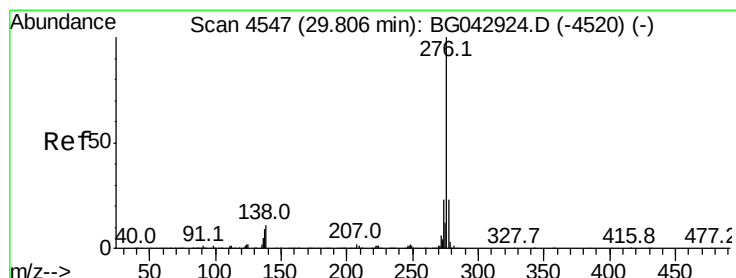
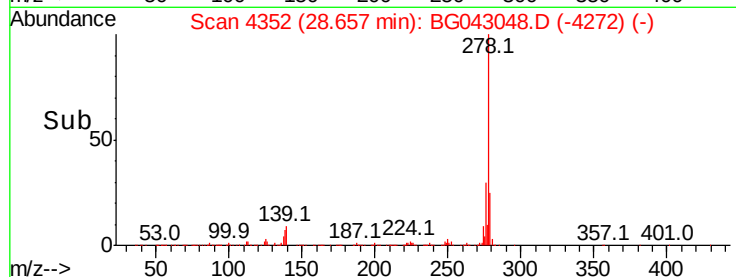
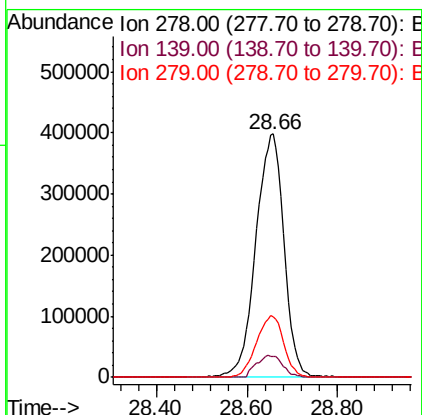
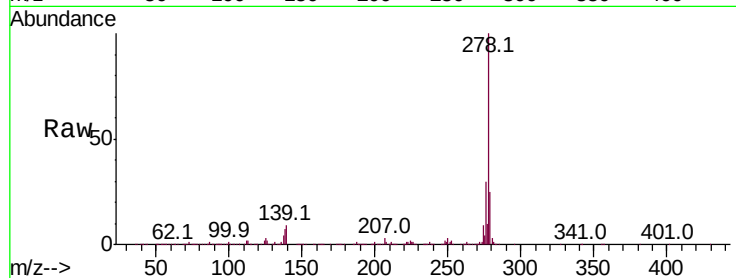




#91
Dibenzo(a,h)anthracene
Concen: 51.757 ng
RT: 28.66 min Scan# 4352
Delta R.T. -0.06 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion:278 Resp: 1721506
Ion Ratio Lower Upper
278 100
139 8.8 6.8 10.2
279 24.9 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 52.523 ng
RT: 29.74 min Scan# 4537
Delta R.T. -0.06 min
Lab File: BG043048.D
Acq: 5 Oct 2019 10:27

Tgt Ion:276 Resp: 1692677
Ion Ratio Lower Upper
276 100
277 23.1 18.4 27.6
138 11.0 8.6 12.8

