

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
 Data File : BG043863.D
 Acq On : 30 Dec 2019 12:04
 Operator : JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Dec 30 13:03:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 30 11:43:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	165245	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	681835	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	431527	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	838782	20.00	ng	0.00
76) Chrysene-d12	21.59	240	704267	20.00	ng	0.00
87) Perylene-d12	24.72	264	814764	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	1035607	114.33	ng	0.00
7) Phenol-d6	7.13	99	1430912	111.91	ng	0.00
23) Nitrobenzene-d5	9.12	82	1413133	115.23	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	528272	116.19	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	2621808	108.49	ng	0.00
79) Terphenyl-d14	19.95	244	2984187	94.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	223071	57.158	ng	99
3) Pyridine	3.83	79	655637	56.223	ng	98
4) n-Nitrosodimethylamine	3.74	42	300915	58.291	ng	96
6) Aniline	7.29	93	951374	56.593	ng	99
8) 2-Chlorophenol	7.53	128	604869	57.011	ng	99
9) Benzaldehyde	7.10	77	389958	46.540	ng	98
10) Phenol	7.16	94	741213	56.246	ng	97
11) bis(2-Chloroethyl)ether	7.39	93	636077	55.863	ng	98
12) 1,3-Dichlorobenzene	7.86	146	706327	57.000	ng	99
13) 1,4-Dichlorobenzene	8.00	146	695079	56.293	ng	98
14) 1,2-Dichlorobenzene	8.32	146	666996	56.340	ng	99
15) Benzyl Alcohol	8.20	79	578620	57.492	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	984642	55.708	ng	99
17) 2-Methylphenol	8.41	107	540926	56.645	ng	96
18) Hexachloroethane	9.05	117	273983	57.682	ng	96
19) n-Nitroso-di-n-propylamine	8.78	70	531247	55.634	ng	97
20) 3+4-Methylphenols	8.74	107	757015	57.225	ng	99
22) Acetophenone	8.78	105	971168	56.903	ng	# 97
24) Nitrobenzene	9.17	77	723296	57.602	ng	100
25) Isophorone	9.69	82	1369415	57.048	ng	99
26) 2-Nitrophenol	9.88	139	358336	61.520	ng	98
27) 2,4-Dimethylphenol	9.94	122	520424	58.035	ng	98
28) bis(2-Chloroethoxy)methane	10.18	93	906064	56.730	ng	99
29) 2,4-Dichlorophenol	10.41	162	628078	58.729	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	693267	58.080	ng	98
31) Naphthalene	10.82	128	1872431	56.687	ng	97
32) Benzoic acid	10.10	122	454517	65.182	ng	98
33) 4-Chloroaniline	10.92	127	900273	56.833	ng	98
34) Hexachlorobutadiene	11.12	225	424741	58.793	ng	99
35) Caprolactam	11.70	113	231790	58.020	ng	97
36) 4-Chloro-3-methylphenol	12.04	107	654272	56.799	ng	99
37) 2-Methylnaphthalene	12.43	142	1404277	56.328	ng	98
38) 1-Methylnaphthalene	12.64	142	1322637	55.891	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	722881	57.632	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	402210	60.054	nq	99
43) 2,4,6-Trichlorophenol	13.03	196	513840	59.187	nq	99
44) 2,4,5-Trichlorophenol	13.10	196	524735	59.001	nq	98
46) 1,1'-Biphenyl	13.43	154	1742311	56.241	nq	96
47) 2-Chloronaphthalene	13.47	162	1419121	56.815	nq	97
48) 2-Nitroaniline	13.67	65	470722	58.839	nq	99
49) Acenaphthylene	14.32	152	2004301	55.350	nq	96
50) Dimethylphthalate	14.05	163	1703247	55.239	nq	98
51) 2,6-Dinitrotoluene	14.17	165	393577	56.473	nq	99
52) Acenaphthene	14.66	154	1441602	56.984	nq	99
53) 3-Nitroaniline	14.49	138	452631	57.438	nq	99
54) 2,4-Dinitrophenol	14.69	184	199914	64.787	nq	98
55) Dibenzofuran	14.99	168	1922387	54.999	nq	95
56) 4-Nitrophenol	14.80	139	354462	58.655	nq	98
57) 2,4-Dinitrotoluene	14.95	165	546849	58.217	nq	97
58) Fluorene	15.65	166	1513562	54.602	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	450398	57.987	nq	99
60) Diethylphthalate	15.42	149	1703066	55.322	nq	97
61) 4-Chlorophenyl-phenylether	15.64	204	838186	56.233	nq	98
62) 4-Nitroaniline	15.66	138	439962	56.924	nq	98
63) Azobenzene	15.93	77	1580884	55.269	nq	96
65) 4,6-Dinitro-2-methylphenol	15.72	198	253449	63.661	nq	97
66) n-Nitrosodiphenylamine	15.85	169	1406529	57.029	nq	98
67) 4-Bromophenyl-phenylether	16.53	248	544867	58.212	nq	99
68) Hexachlorobenzene	16.66	284	584054	57.604	nq	99
69) Atrazine	16.80	200	463643	57.324	nq	98
70) Pentachlorophenol	16.99	266	347772	62.645	nq	99
71) Phenanthrene	17.39	178	2243937	55.754	nq	94
72) Anthracene	17.47	178	2209844	55.460	nq	94
73) Carbazole	17.74	167	2041969	56.033	nq	96
74) Di-n-butylphthalate	18.31	149	2468664	56.328	nq	96
75) Fluoranthene	19.39	202	2442953	56.285	nq	94
77) Benzidine	19.56	184	1137067	60.489	nq	95
78) Pyrene	19.75	202	2435517	55.026	nq	94
80) Butylbenzylphthalate	20.65	149	1271516	58.877	nq	99
81) Benzo(a)anthracene	21.57	228	2426210	55.583	nq	95
82) 3,3'-Dichlorobenzidine	21.49	252	1009747	58.298	nq	98
83) Chrysene	21.64	228	2333453	56.201	nq	94
84) Bis(2-ethylhexyl)phthalate	21.50	149	1718130	57.315	nq	96
85) Di-n-octyl phthalate	22.69	149	2901919	57.556	nq	97
86) Indeno(1,2,3-cd)pyrene	28.28	276	3310400	58.509	nq	# 85
88) Benzo(b)fluoranthene	23.74	252	2775021	58.013	nq	97
89) Benzo(k)fluoranthene	23.81	252	2563643	55.874	nq	96
90) Benzo(a)pyrene	24.58	252	2605294	57.561	nq	98
91) Dibenzo(a,h)anthracene	28.35	278	2640671	57.675	nq	99
92) Benzo(g,h,i)perylene	29.39	276	2625939	58.030	nq	99

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

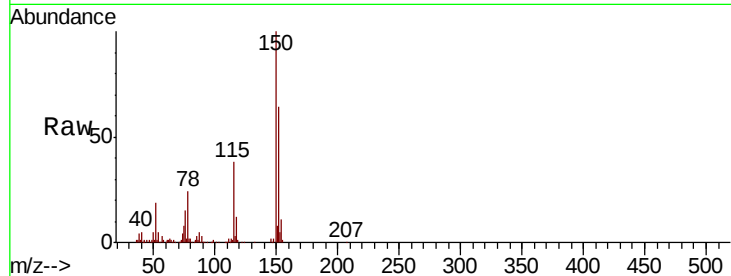


#1

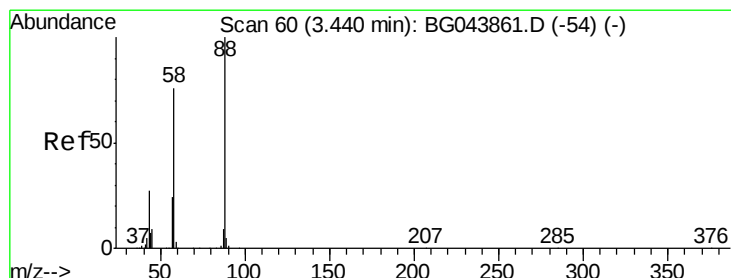
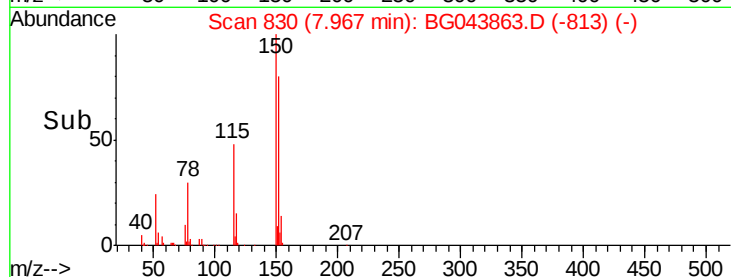
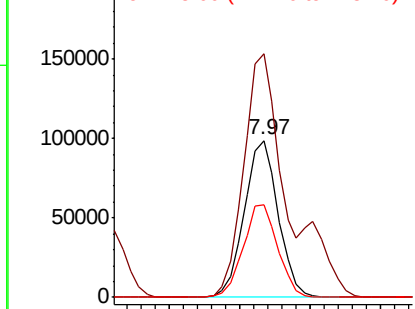
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion:152 Resp: 165245
Ion Ratio Lower Upper
152 100
150 155.1 127.0 190.4
115 59.3 47.8 71.8



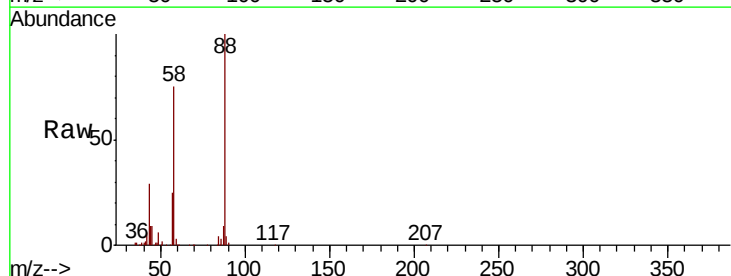
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



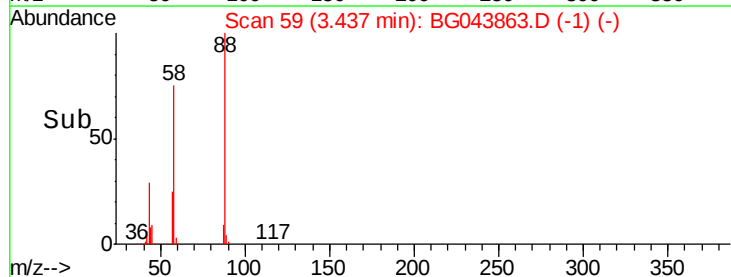
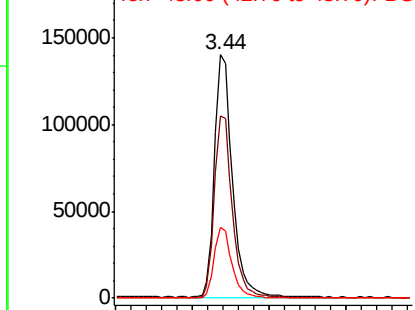
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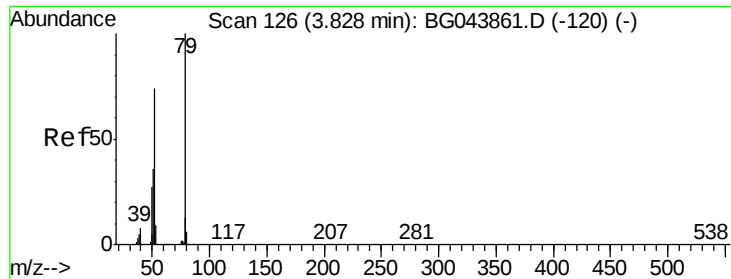
1,4-Dioxane
Concen: 57.158 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Tgt Ion: 88 Resp: 223071
Ion Ratio Lower Upper
88 100
58 75.6 59.8 89.8
43 29.2 22.9 34.3



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





#3

Pvridine

Concen: 56.223 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

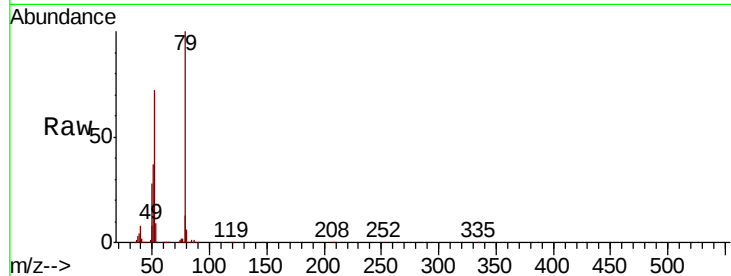
Tot Ion: 79 Resp: 655637

Ion Ratio Lower Upper

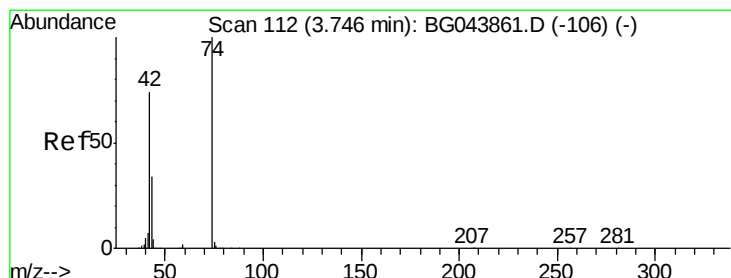
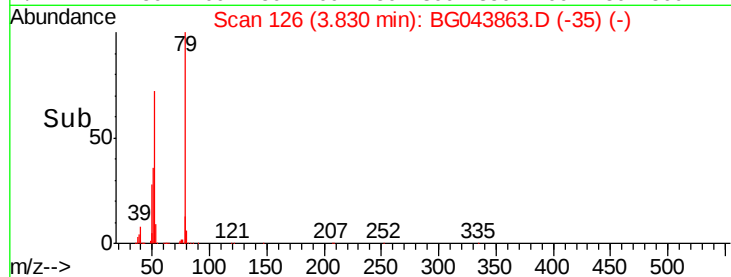
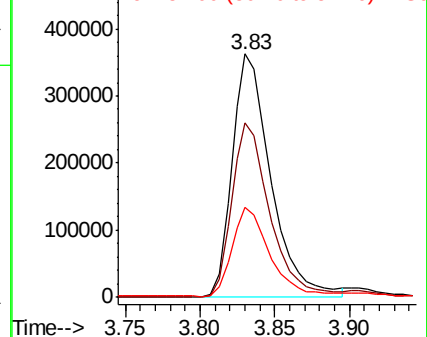
79 100

52 71.9 58.9 88.3

51 36.8 28.6 43.0



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: 58.291 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

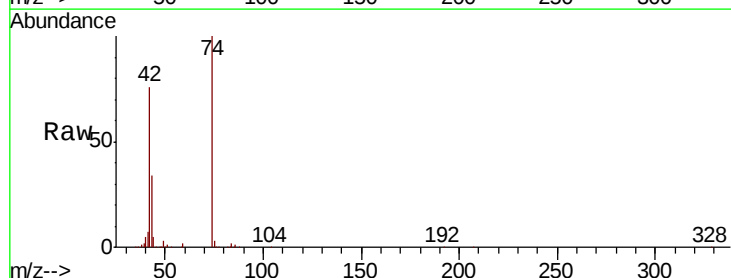
Tgt Ion: 42 Resp: 300915

Ion Ratio Lower Upper

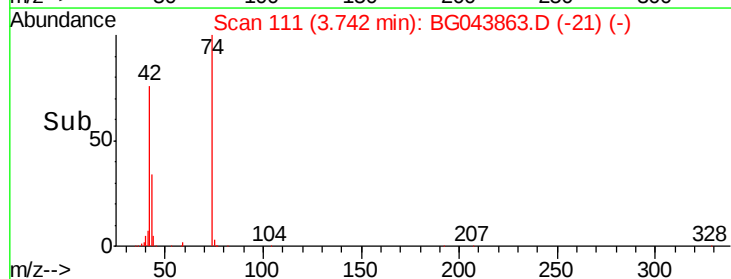
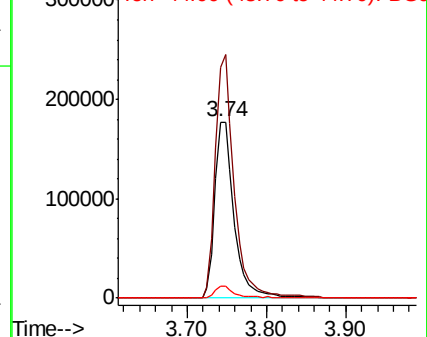
42 100

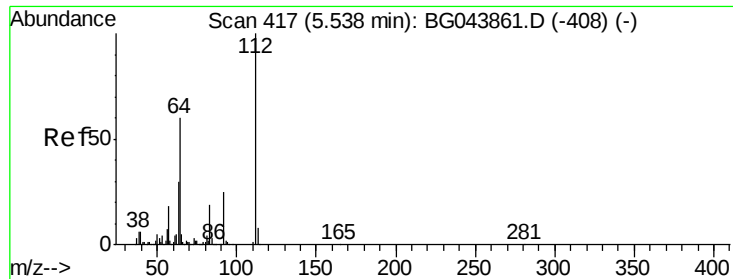
74 131.1 108.6 162.8

44 6.4 5.0 7.6



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: 114.325 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

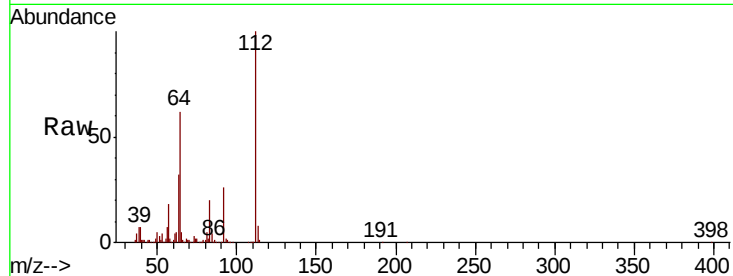
BNA_G

ClientSampleId :

DFTPP

Tot Ion:112 Resp: 1035607

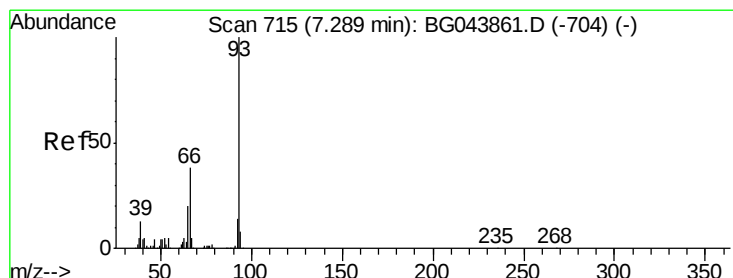
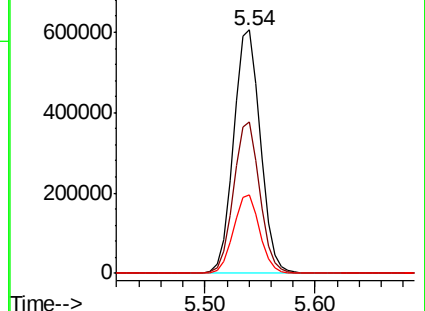
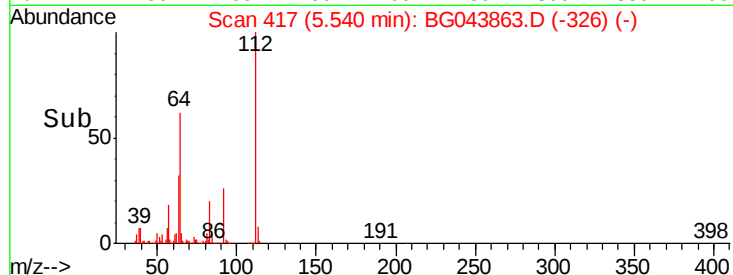
Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.8	71.6
63	32.4	24.3	36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 56.593 ng

RT: 7.29 min Scan# 715

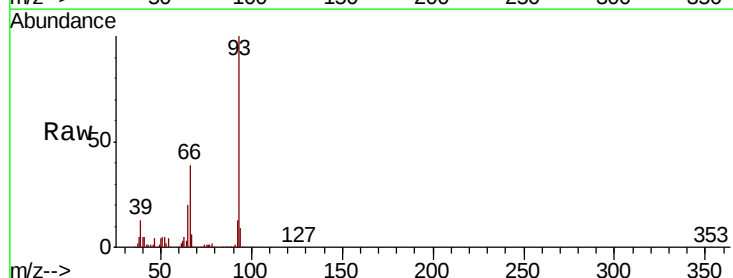
Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Tgt Ion: 93 Resp: 951374

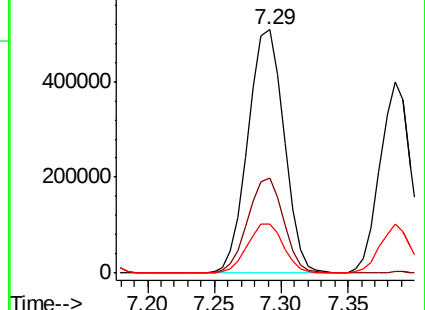
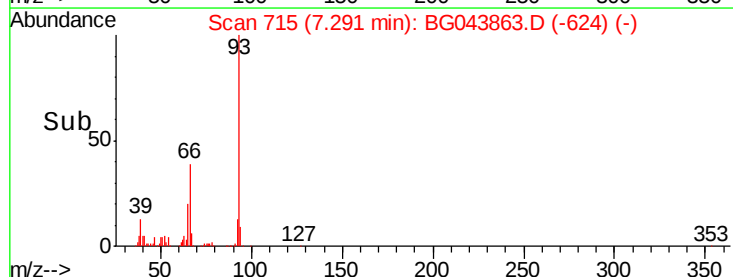
Ion	Ratio	Lower	Upper
93	100		
66	39.3	30.8	46.2
65	20.1	16.0	24.0

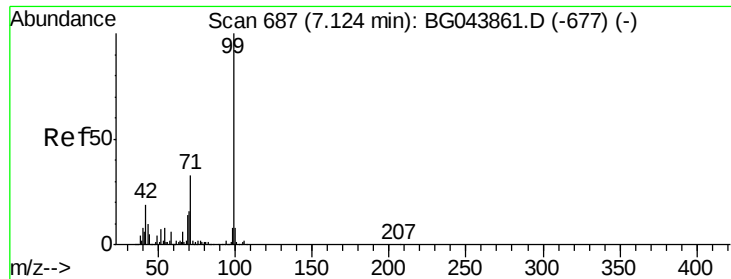


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 111.912 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

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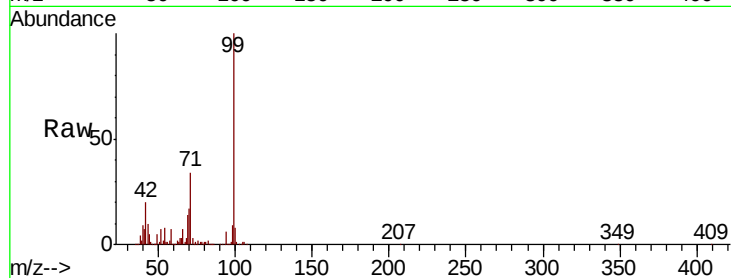
Tot Ion: 99 Resp: 1430912

Ion Ratio Lower Upper

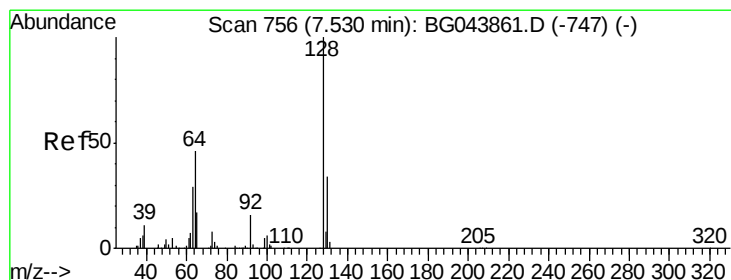
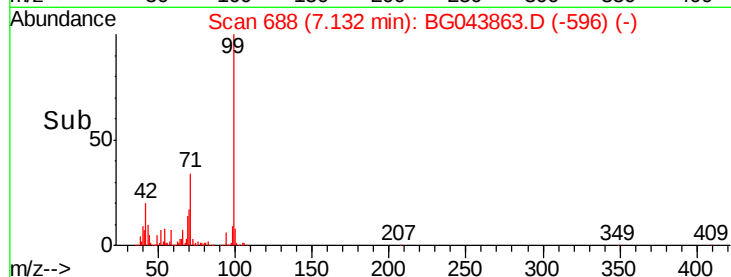
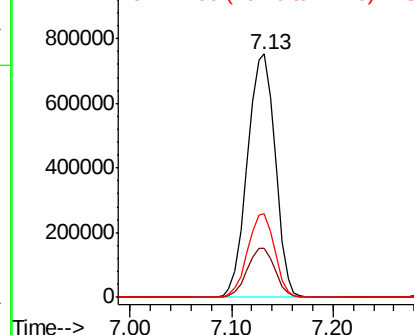
99 100

42 20.1 14.9 22.3

71 34.2 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 57.011 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

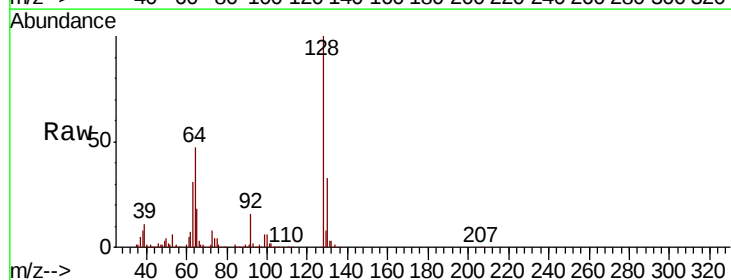
Tgt Ion: 128 Resp: 604869

Ion Ratio Lower Upper

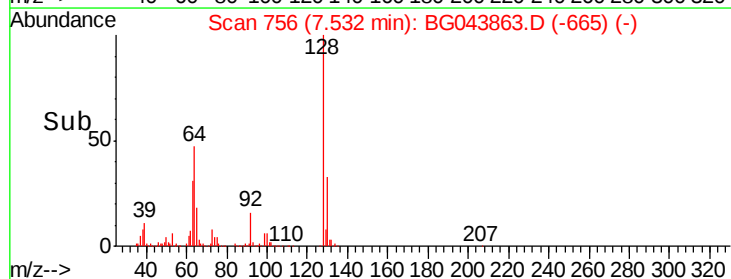
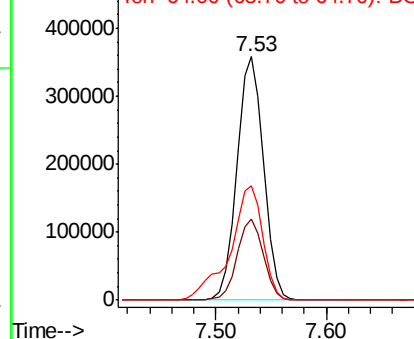
128 100

130 33.5 13.8 53.8

64 47.2 27.6 67.6



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





#9

Benzaldehyde

Concen: 46.540 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

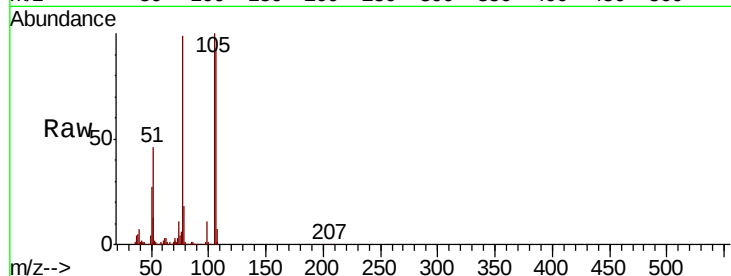
Tot Ion: 77 Resp: 389958

Ion Ratio Lower Upper

77 100

105 101.0 80.2 120.2

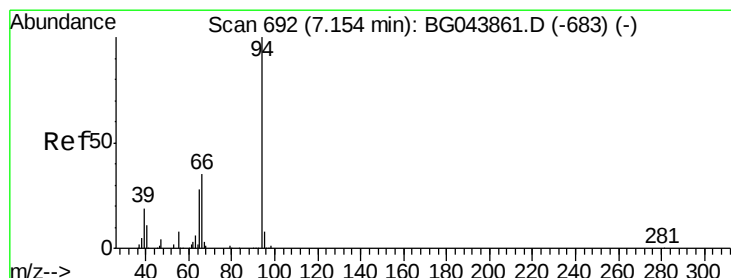
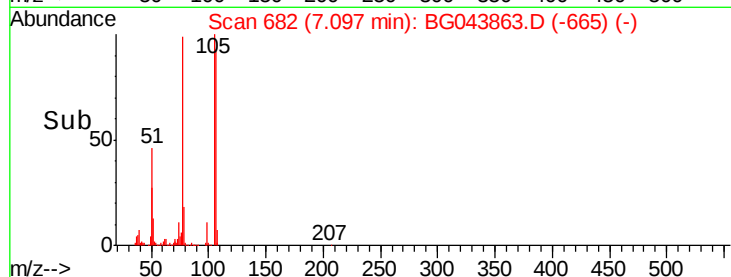
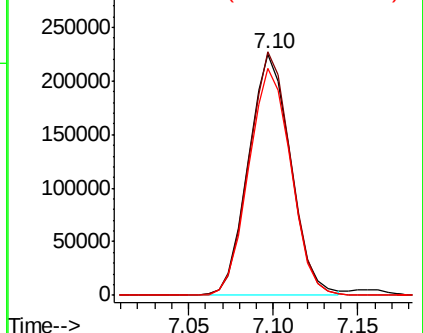
106 94.0 77.2 117.2



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: 56.246 ng

RT: 7.16 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

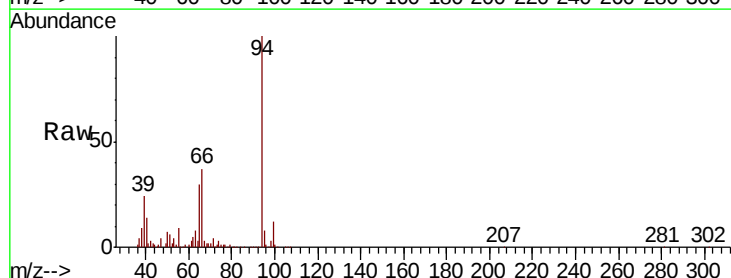
Tgt Ion: 94 Resp: 741213

Ion Ratio Lower Upper

94 100

65 30.2 8.1 48.1

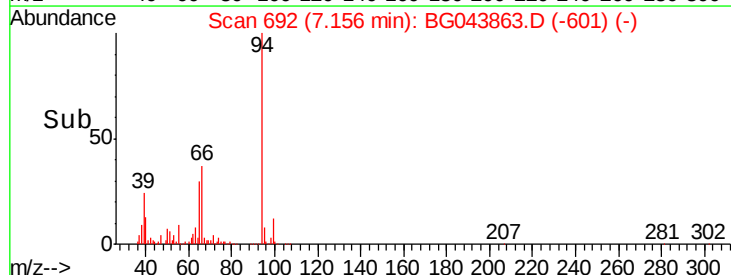
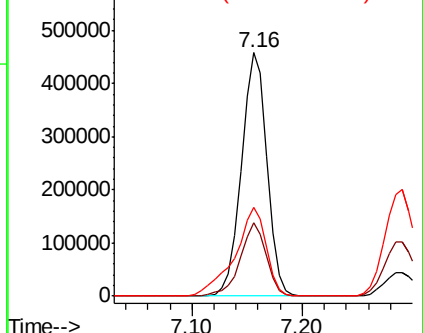
66 36.5 15.6 55.6

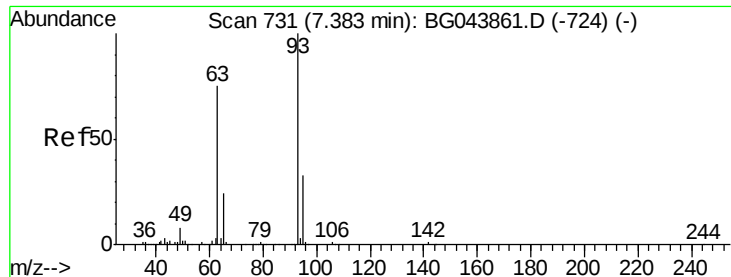


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 55.863 ng

RT: 7.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

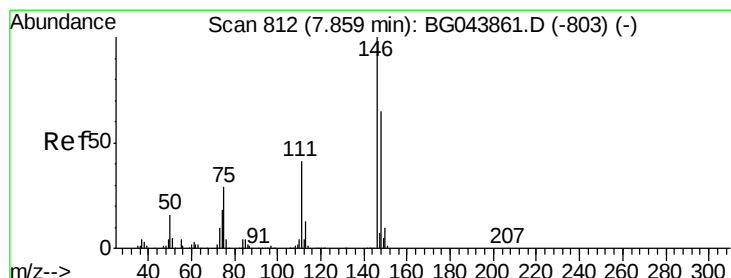
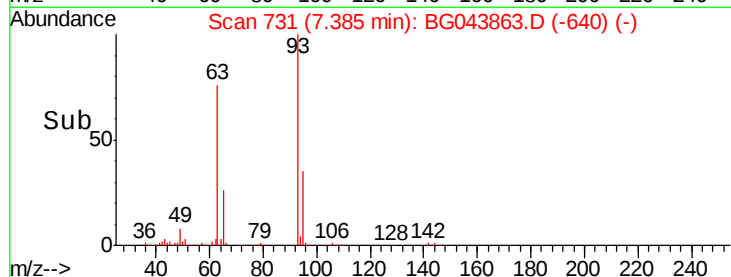
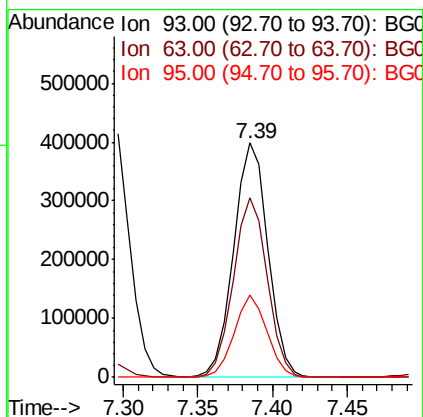
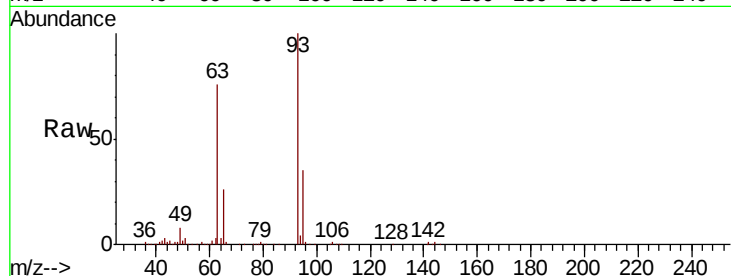
Tot Ion: 93 Resp: 636077

Ion Ratio Lower Upper

93 100

63 76.4 55.0 95.0

95 35.0 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 57.000 ng

RT: 7.86 min Scan# 811

Delta R.T. -0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

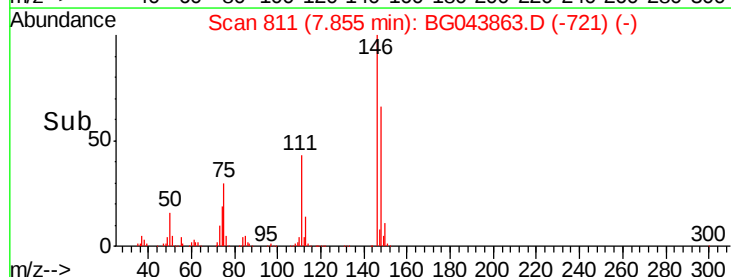
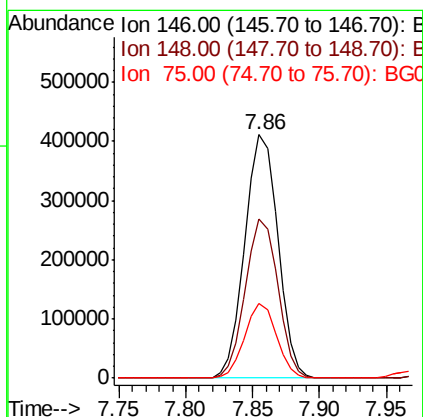
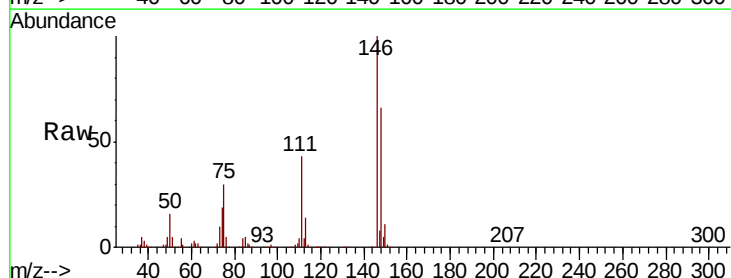
Tgt Ion: 146 Resp: 706327

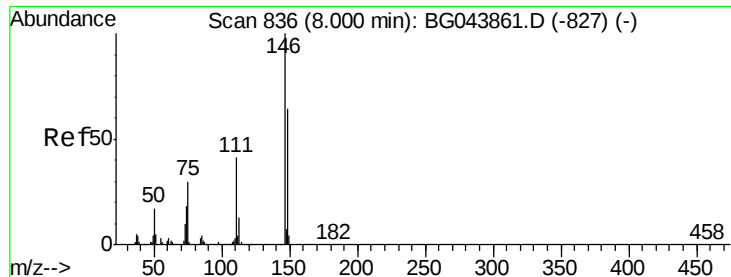
Ion Ratio Lower Upper

146 100

148 65.6 52.1 78.1

75 30.5 23.0 34.4

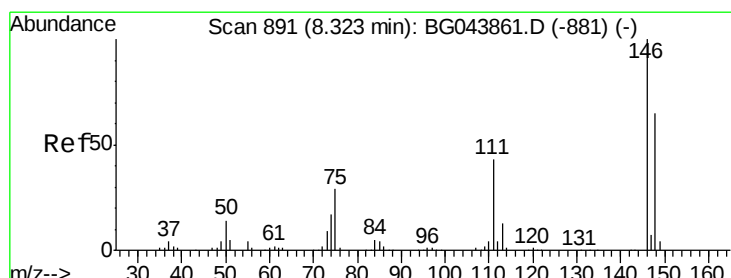
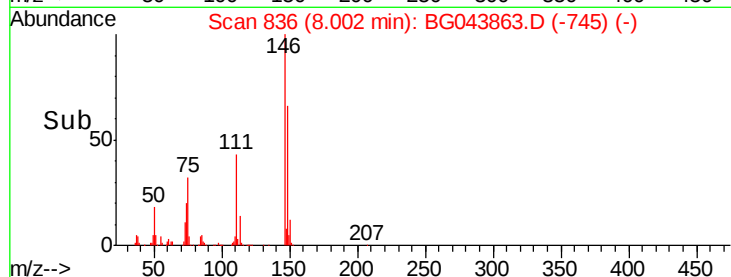
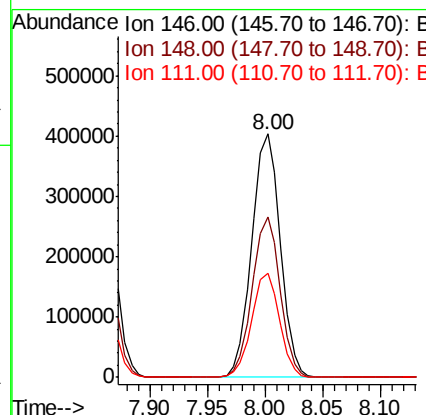
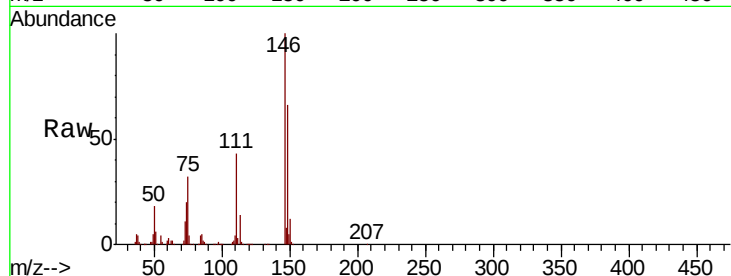




#13
 1,4-Dichlorobenzene
 Concen: 56.293 ng
 RT: 8.00 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BG043863.D
 Acq: 30 Dec 2019 12:04

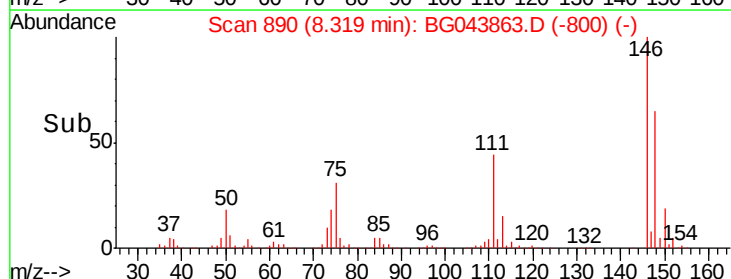
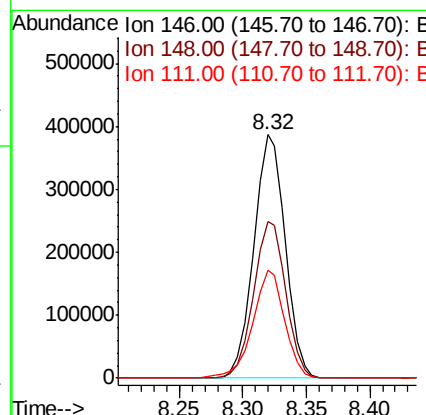
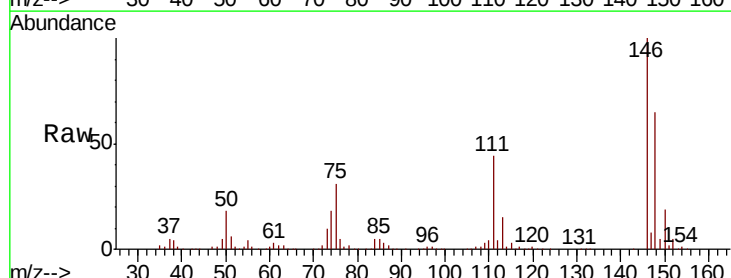
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

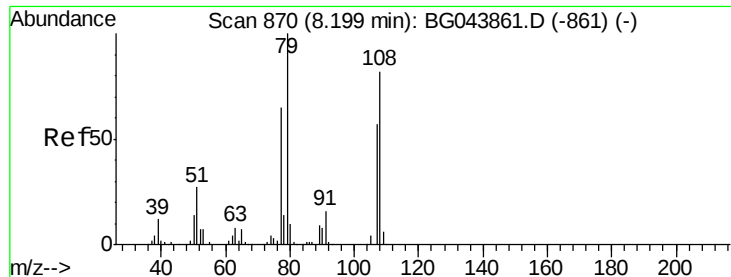
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.2	76.8
111	42.6	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 56.340 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG043863.D
 Acq: 30 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.7	77.5
111	44.5	34.4	51.6





#15

Benzyl Alcohol

Concen: 57.492 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

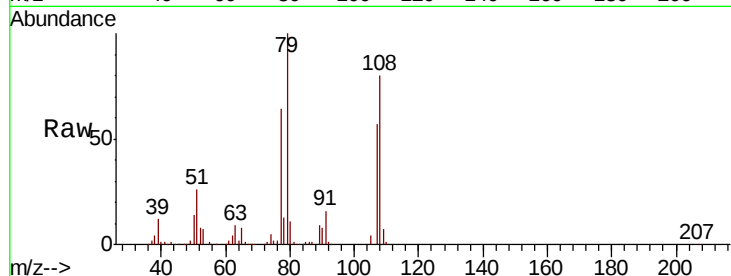
Tot Ion: 79 Resp: 578620

Ion Ratio Lower Upper

79 100

108 79.5 65.6 98.4

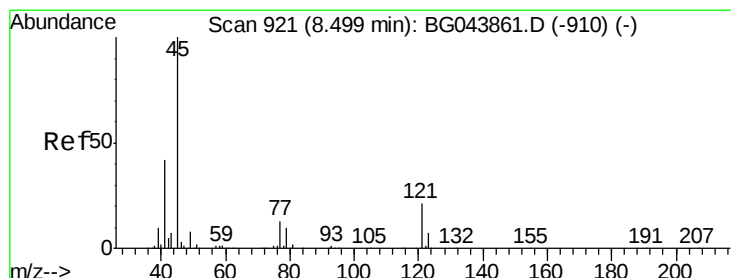
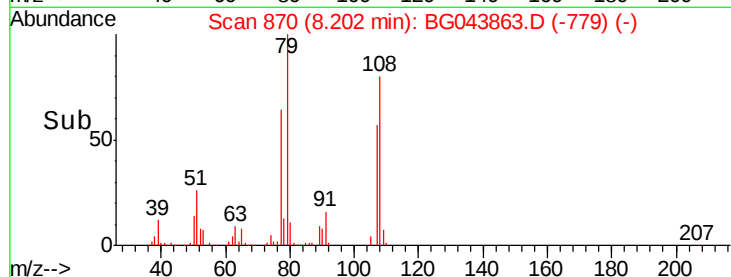
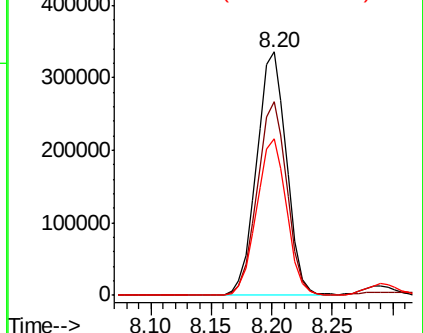
77 64.4 52.0 78.0



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: 55.708 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

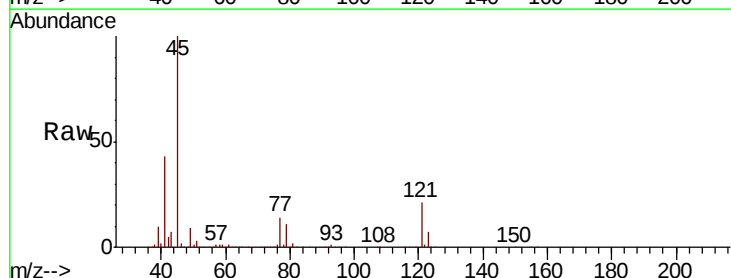
Tgt Ion: 45 Resp: 984642

Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.8

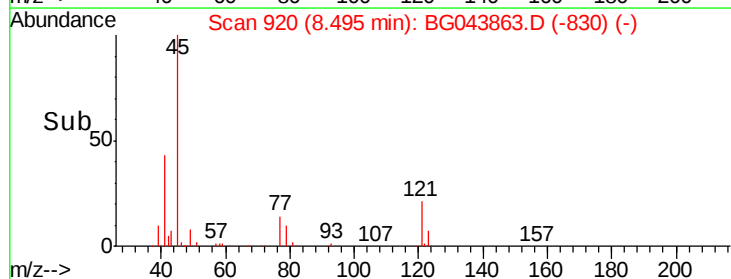
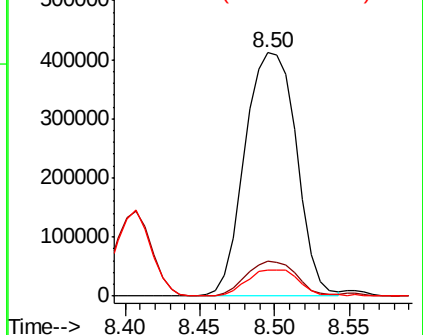
79 10.6 0.0 31.0

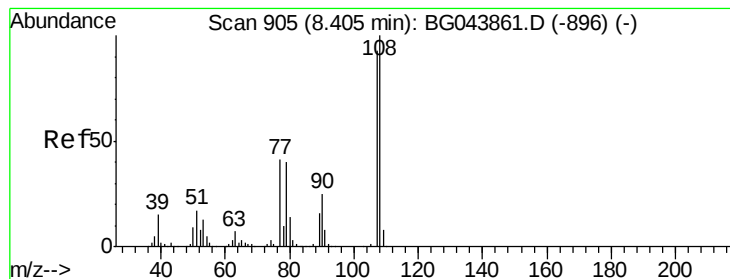


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

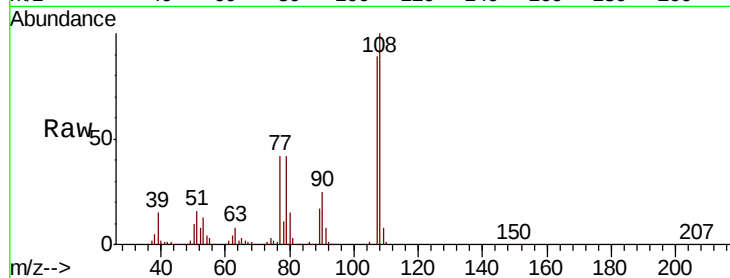




#17
2-Methylphenol
Concen: 56.645 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	86.1	129.1
77	46.6	35.4	53.0
79	46.9	34.8	52.2



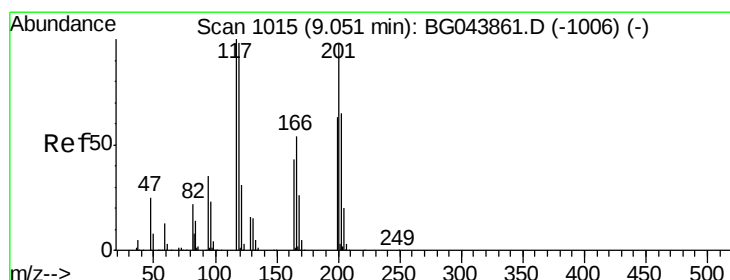
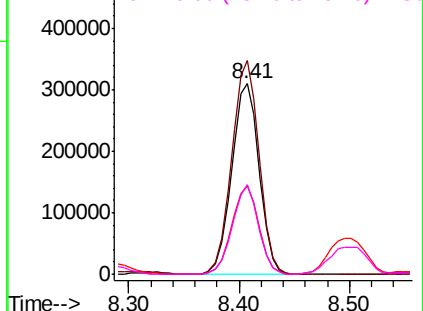
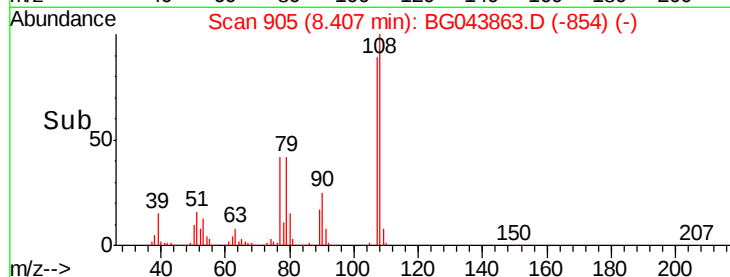
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

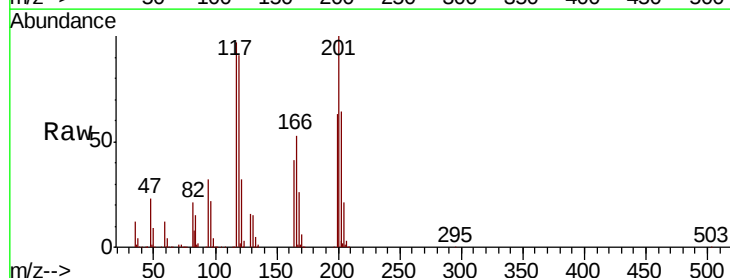
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 57.682 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	78.1	117.1
201	103.0	78.6	117.8

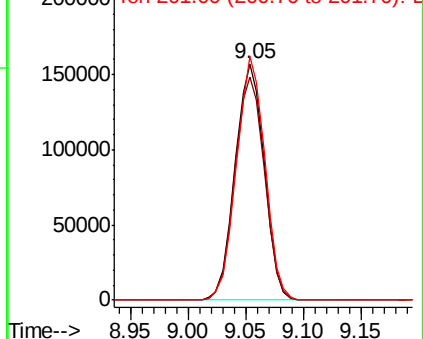
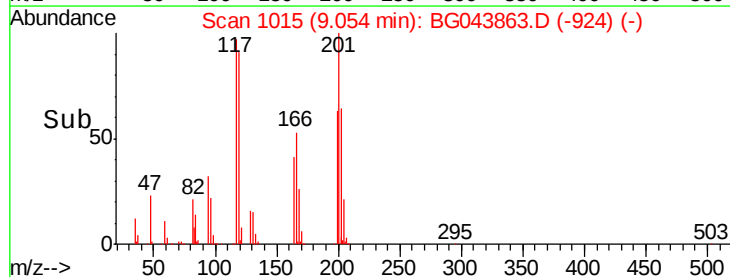


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 55.634 ng

RT: 8.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

Tot Ion: 70 Resp: 531247

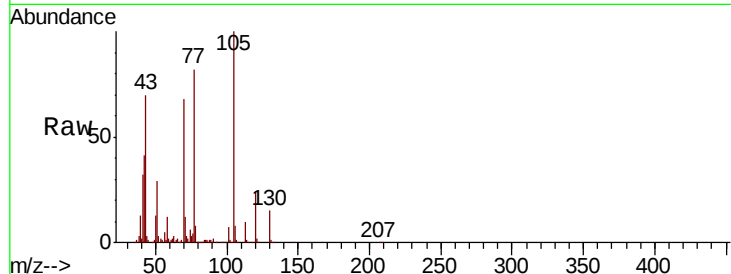
Ion Ratio Lower Upper

70 100

42 59.9 47.0 70.4

101 9.9 7.2 10.8

130 21.8 15.6 23.4

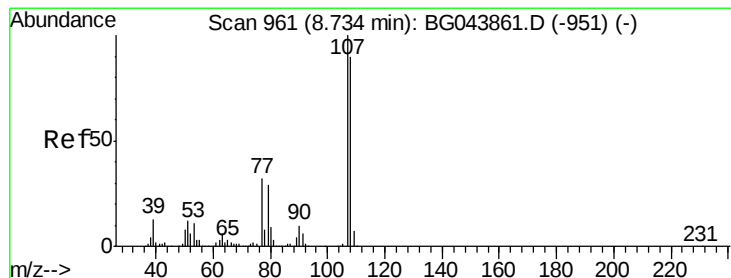
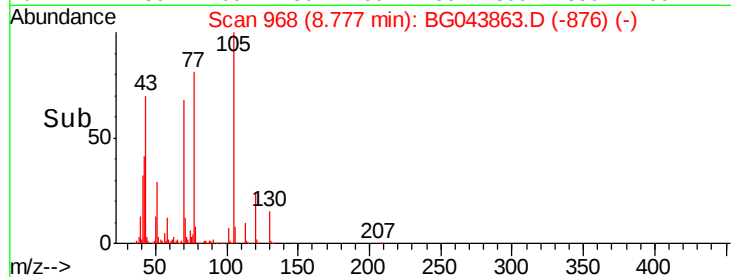
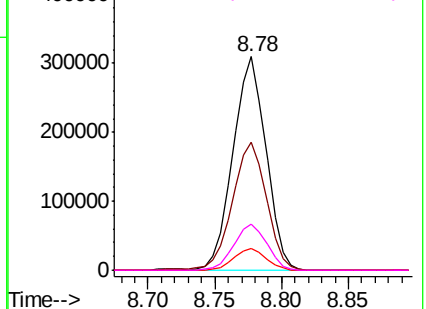


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 57.225 ng

RT: 8.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Tgt Ion: 107 Resp: 757015

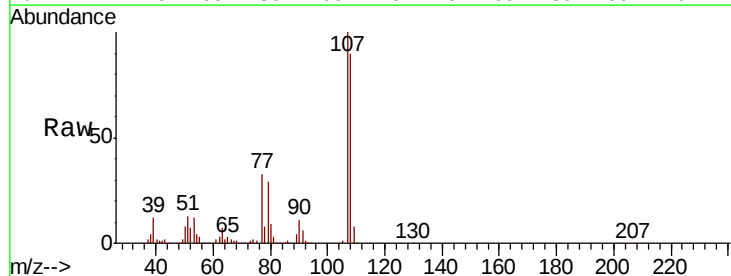
Ion Ratio Lower Upper

107 100

108 89.5 70.3 110.3

77 32.5 12.4 52.4

79 28.5 8.6 48.6

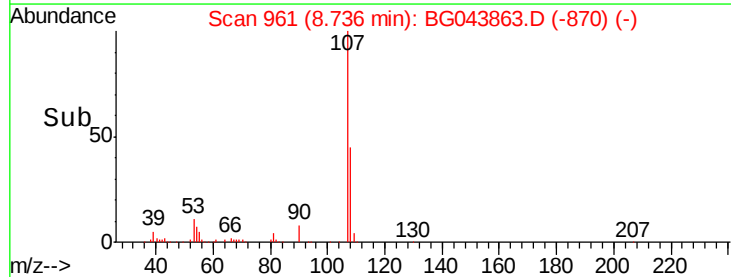
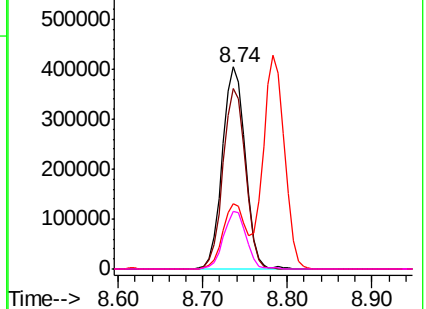


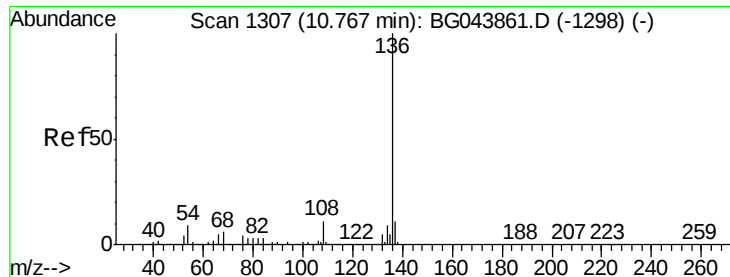
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

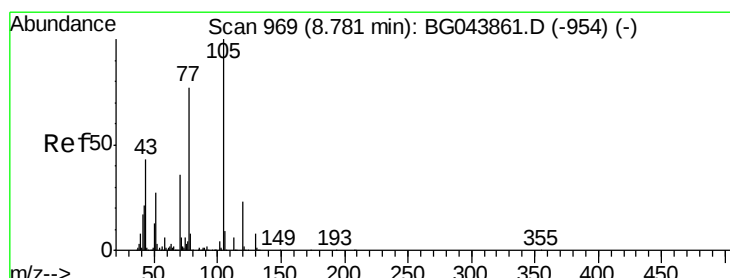
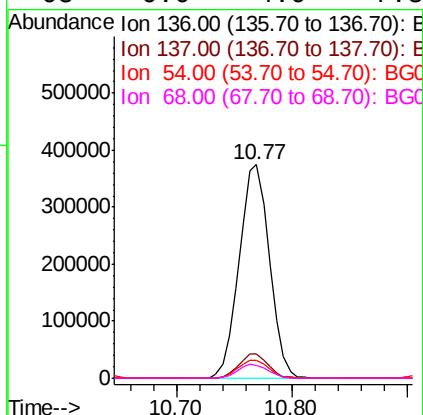
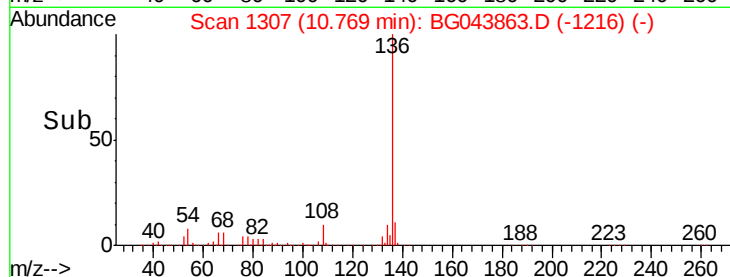
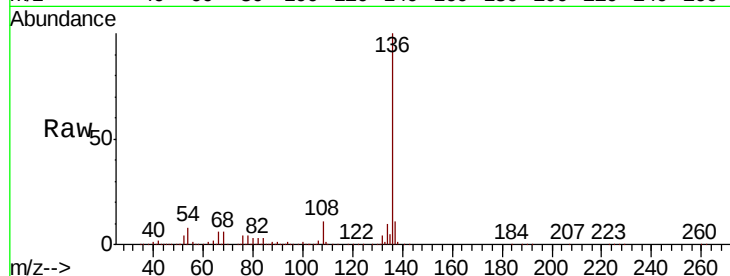




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

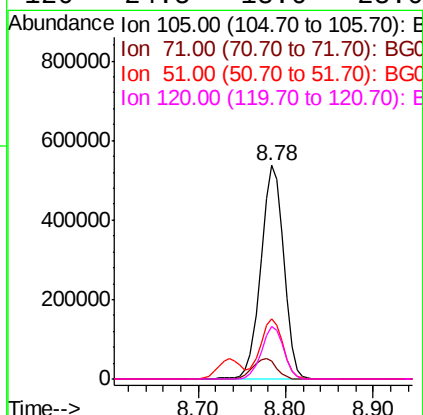
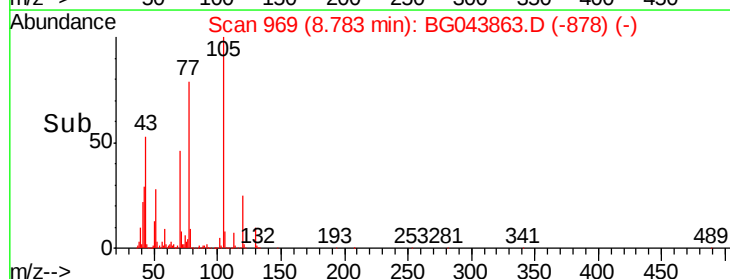
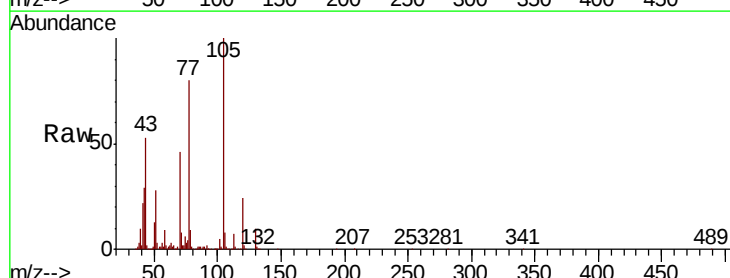
Instrument :
BNA_G
ClientSampleId :
DFTPP

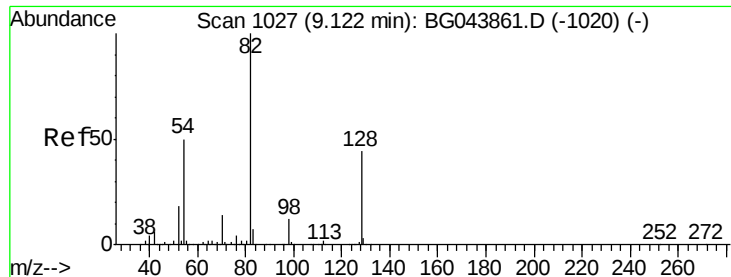
Tot Ion:136	Resp: 681835
Ion Ratio	Lower Upper
136 100	
137 11.3	8.8 13.2
54 8.3	7.0 10.4
68 6.0	4.9 7.3



#22
Acetophenone
Concen: 56.903 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Tgt	Ion:105	Resp:	971168
Ion	Ratio	Lower	Upper
105	100		
71	8.1	4.8	7.2#
51	27.9	21.4	32.0
120	24.5	18.6	28.0

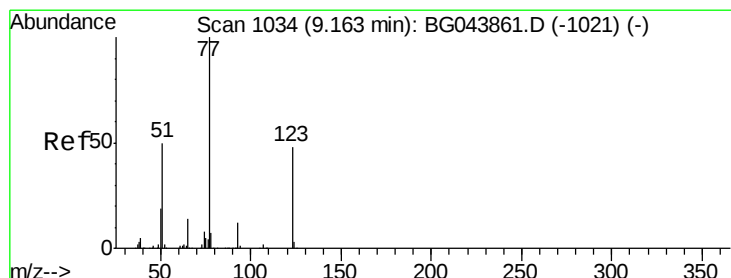
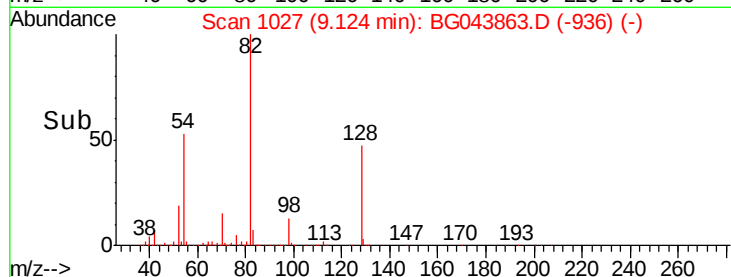
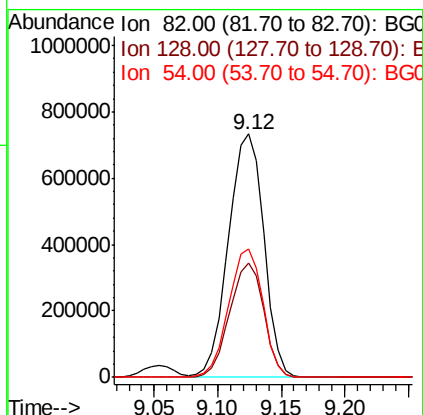
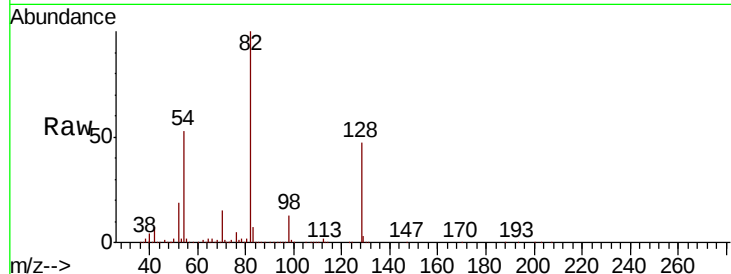




#23
 Nitrobenzene-d5
 Concen: 115.226 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG043863.D
 Acq: 30 Dec 2019 12:04

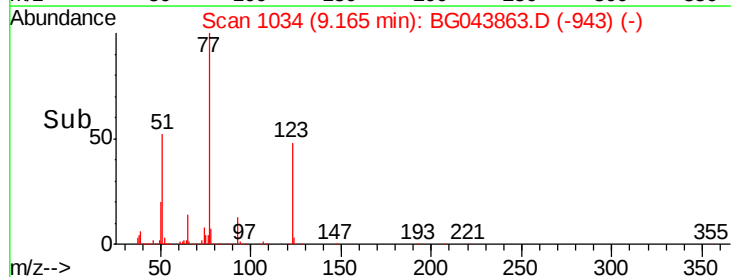
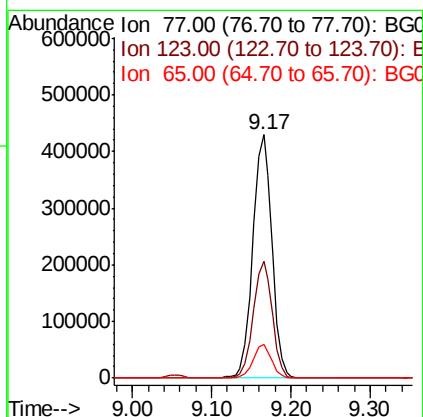
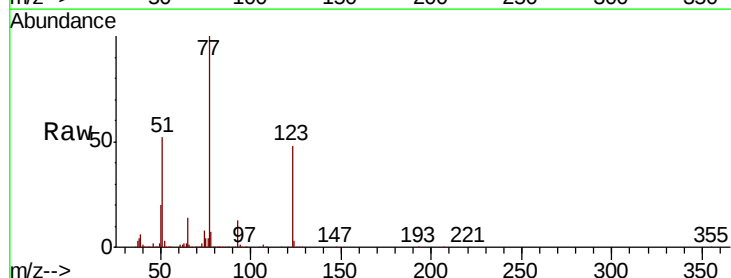
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

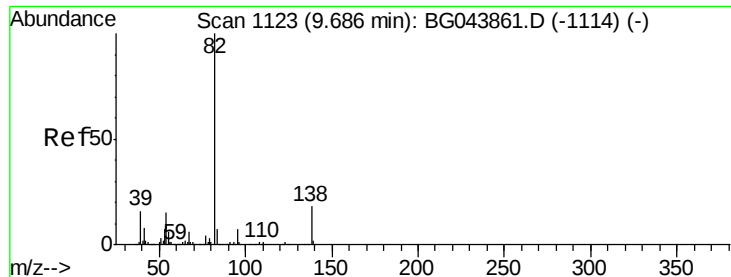
Tot Ion: 82 Resp: 1413133
 Ion Ratio Lower Upper
 82 100
 128 47.2 35.1 52.7
 54 52.7 40.1 60.1



#24
 Nitrobenzene
 Concen: 57.602 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BG043863.D
 Acq: 30 Dec 2019 12:04

Tgt Ion: 77 Resp: 723296
 Ion Ratio Lower Upper
 77 100
 123 48.3 38.7 58.1
 65 13.6 11.1 16.7





#25

Isophorone

Concen: 57.048 ng

RT: 9.69 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

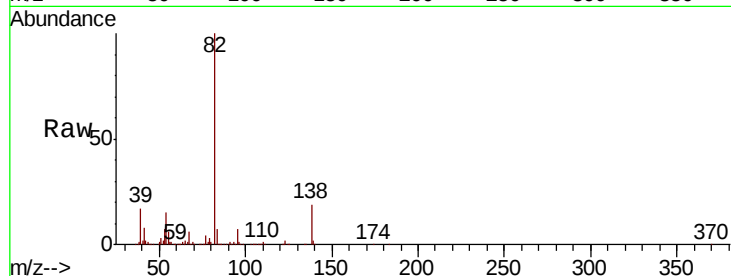
Tot Ion: 82 Resp: 1369415

Ion Ratio Lower Upper

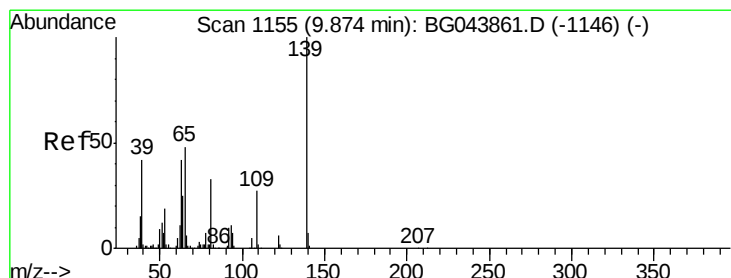
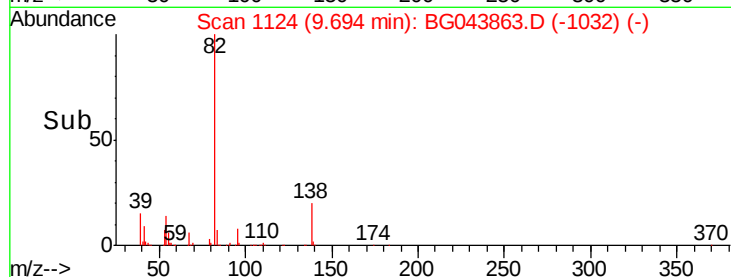
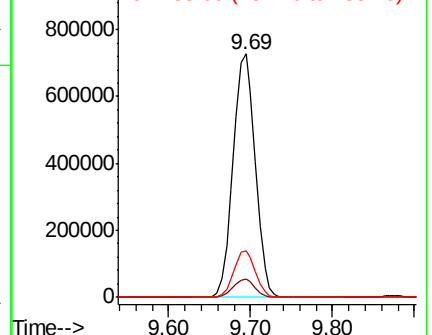
82 100

95 7.5 5.8 8.6

138 19.0 14.6 22.0



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



#26

2-Nitrophenol

Concen: 61.520 ng

RT: 9.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

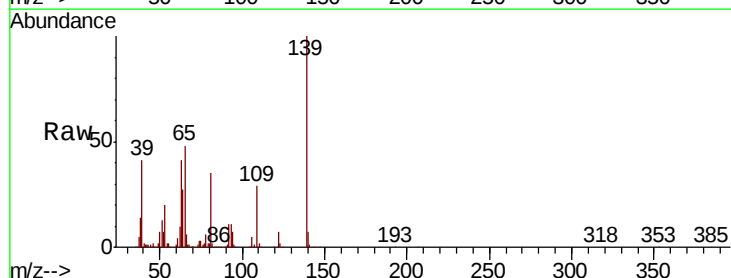
Tgt Ion: 139 Resp: 358336

Ion Ratio Lower Upper

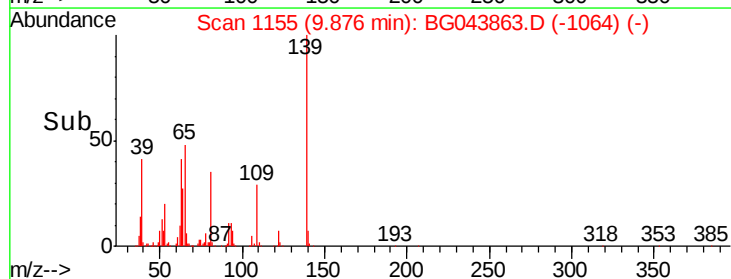
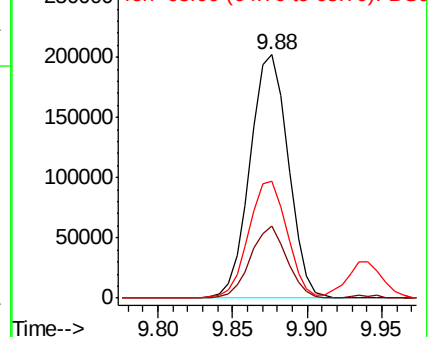
139 100

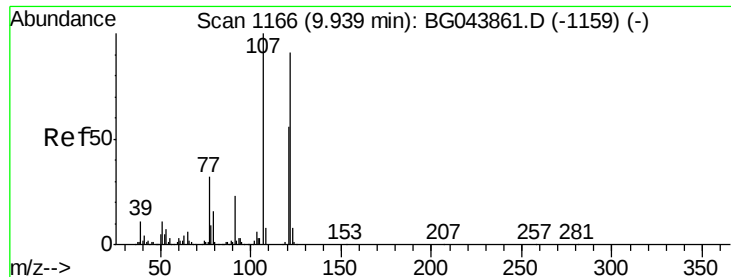
109 29.4 21.3 31.9

65 48.2 38.6 57.8



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





#27

2,4-Dimethylphenol

Concen: 58.035 ng

RT: 9.94 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

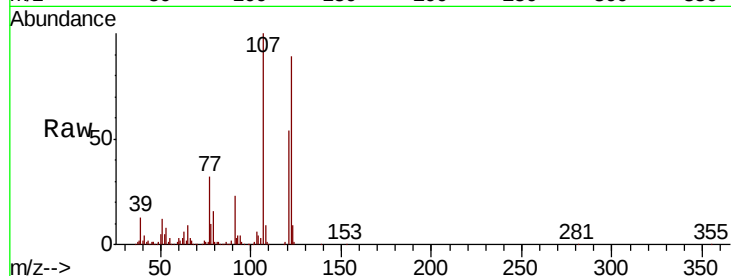
Tot Ion:122 Resp: 520424

Ion Ratio Lower Upper

122 100

107 112.8 88.0 132.0

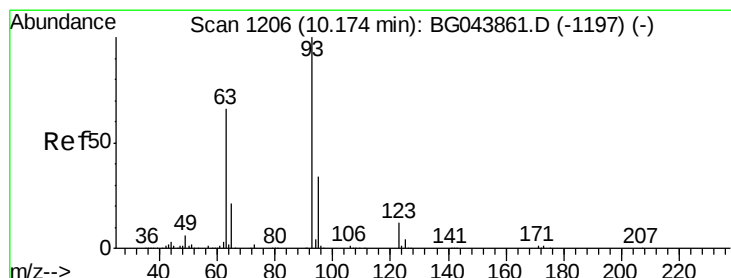
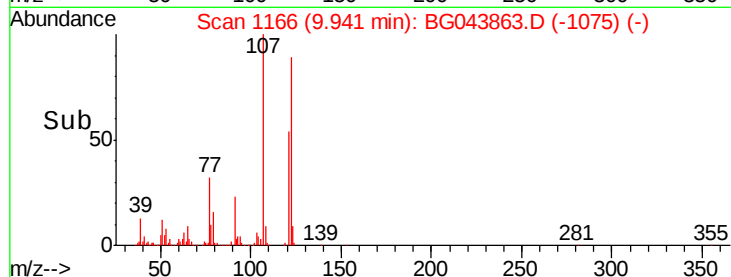
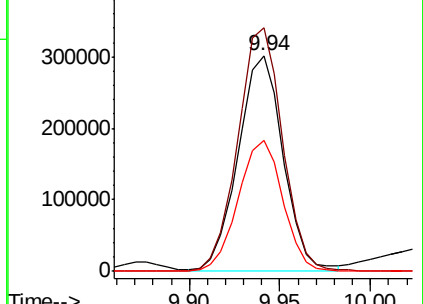
121 60.6 49.0 73.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 56.730 ng

RT: 10.18 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

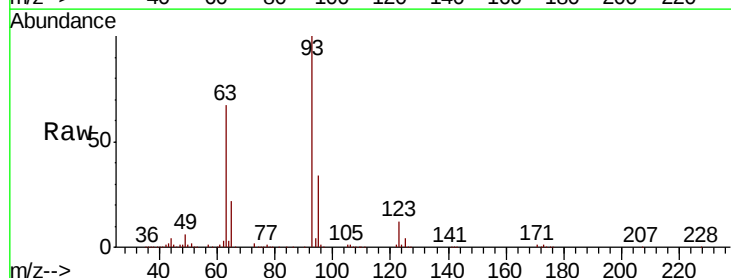
Tgt Ion: 93 Resp: 906064

Ion Ratio Lower Upper

93 100

95 34.3 27.2 40.8

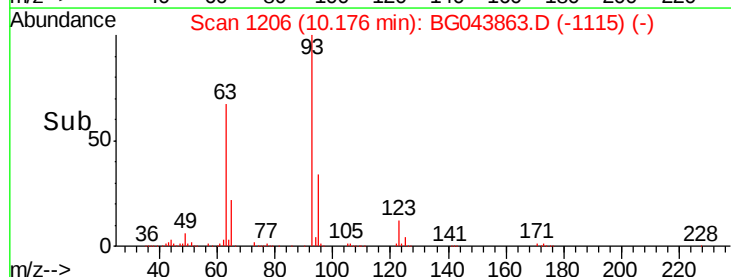
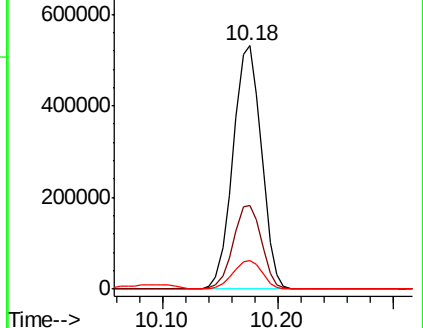
123 11.9 9.7 14.5

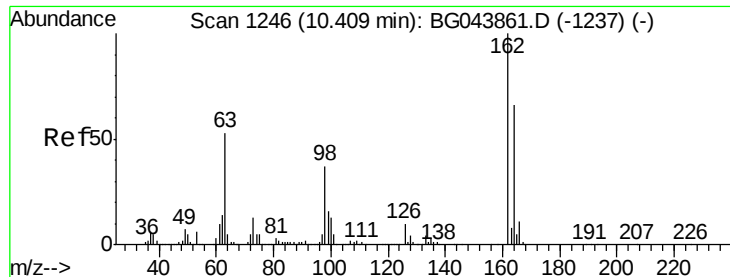


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

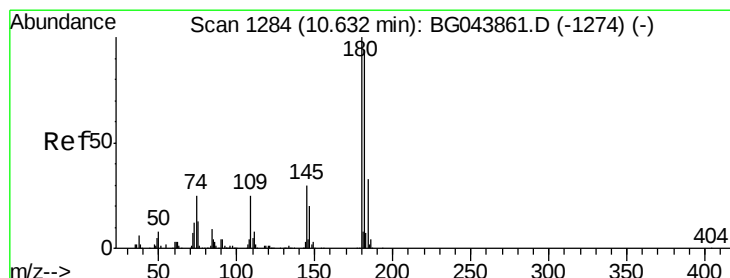
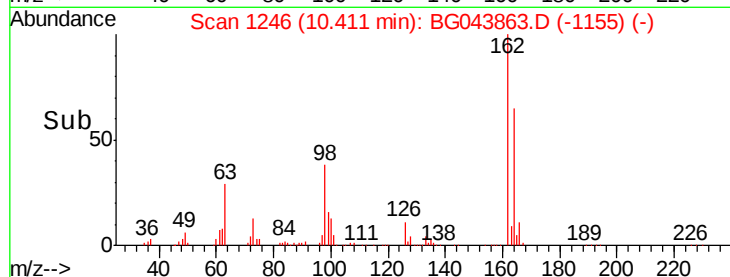
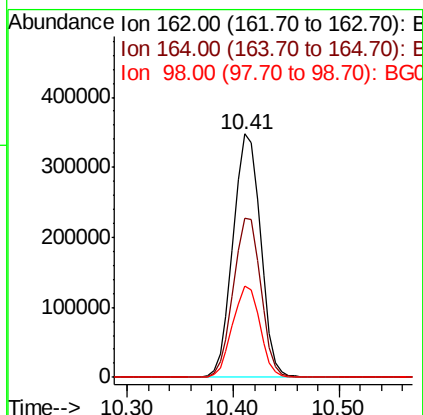
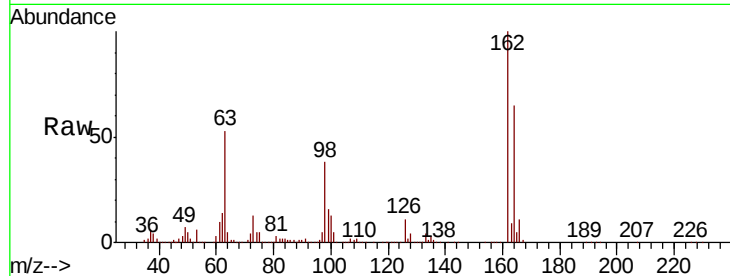




#29
2,4-Dichlorophenol
Concen: 58.729 ng
RT: 10.41 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

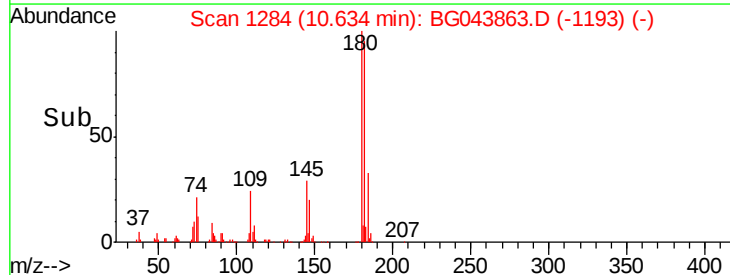
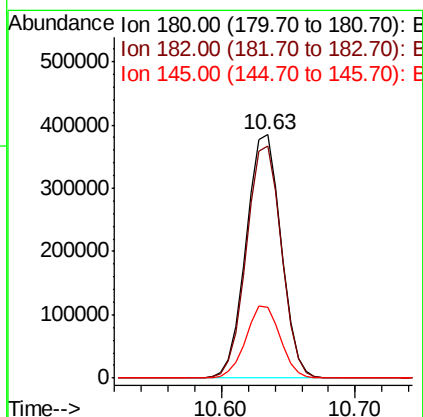
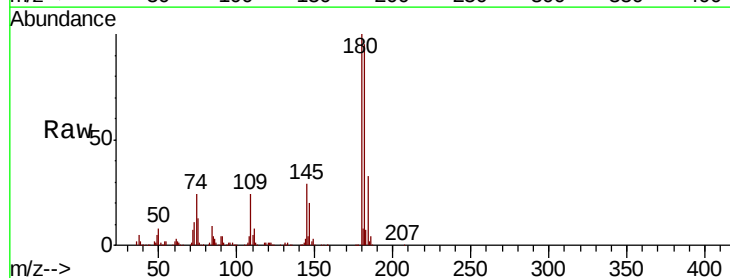
Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	46.3	86.3
98	37.6	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 58.080 ng
RT: 10.63 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.0	112.4
145	29.1	24.2	36.4

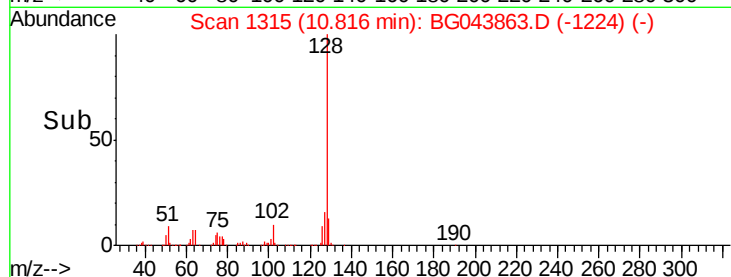
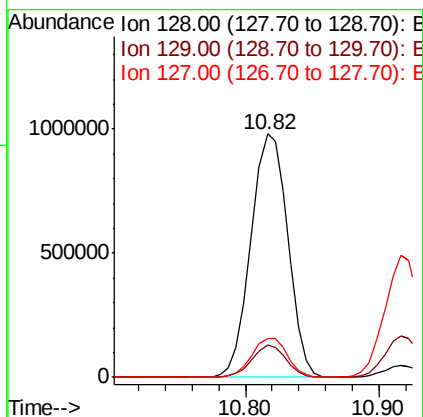
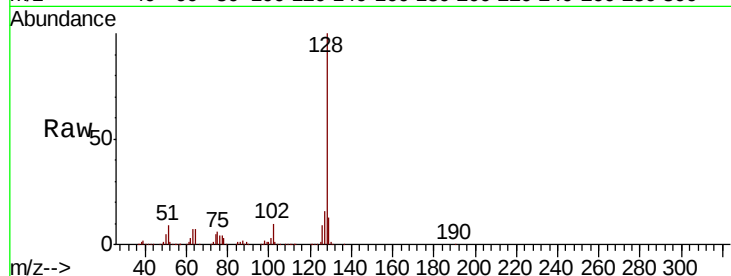




#31
Naphthalene
Concen: 56.687 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

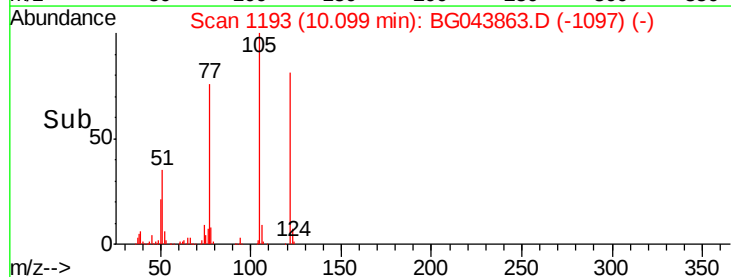
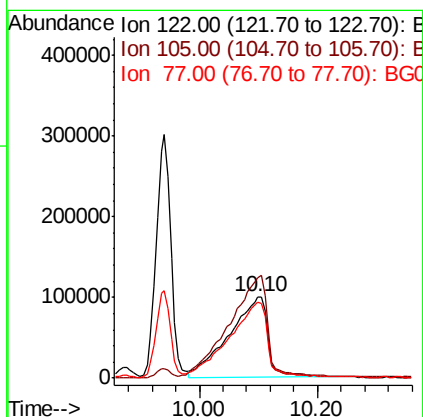
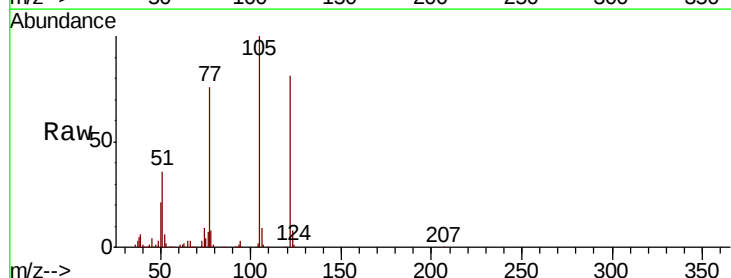
Instrument :
BNA_G
ClientSampleId :
DFTPP

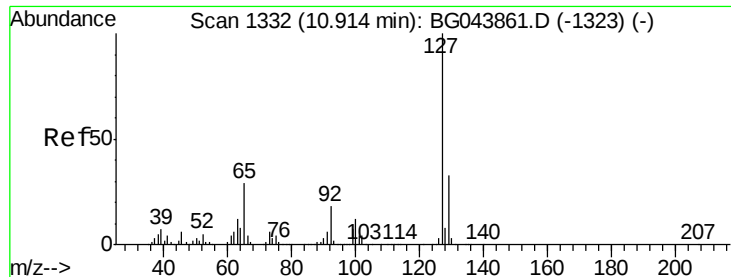
Tot Ion:128 Resp: 1872431
Ion Ratio Lower Upper
128 100
129 13.3 9.8 14.6
127 16.2 12.0 18.0



#32
Benzoic acid
Concen: 65.182 ng
RT: 10.10 min Scan# 1193
Delta R.T. 0.03 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Tgt Ion:122 Resp: 454517
Ion Ratio Lower Upper
122 100
105 122.7 106.4 146.4
77 93.4 74.6 114.6

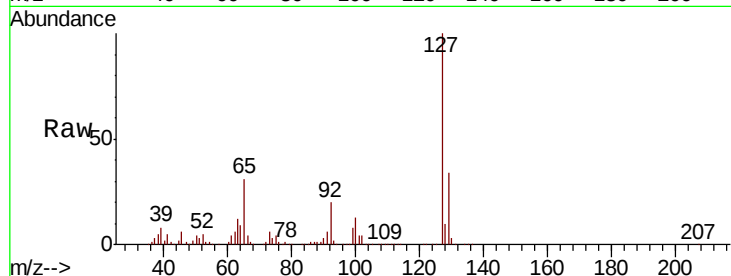




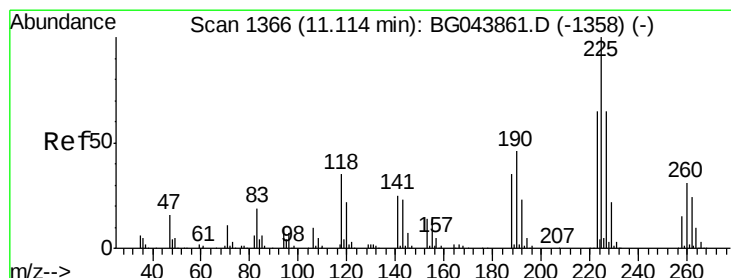
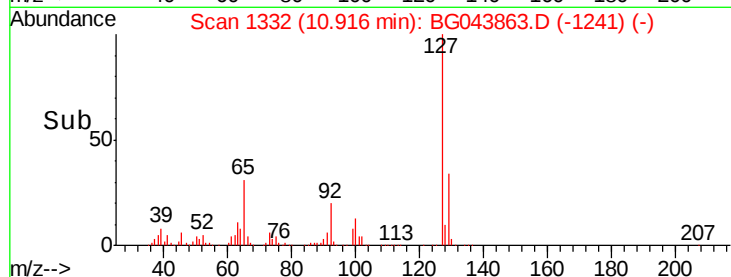
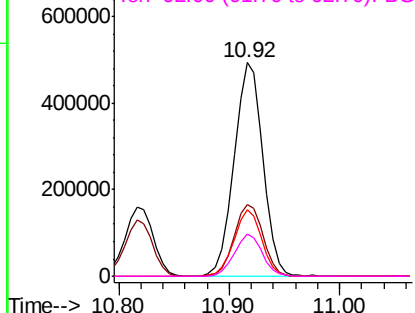
#33
4-Chloroaniline
Concen: 56.833 ng
RT: 10.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion:127	Resp:	900273
Ion	Ratio	Lower Upper
127	100	
129	33.6	26.6 40.0
65	30.9	23.3 34.9
92	19.7	14.7 22.1

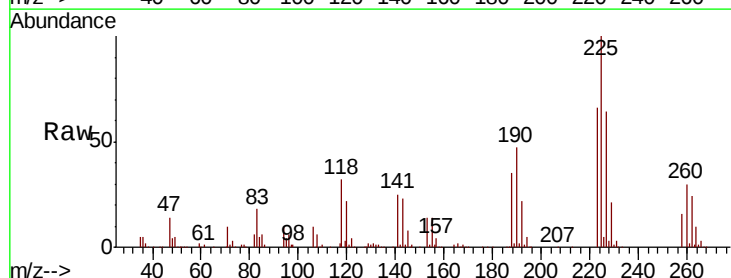


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

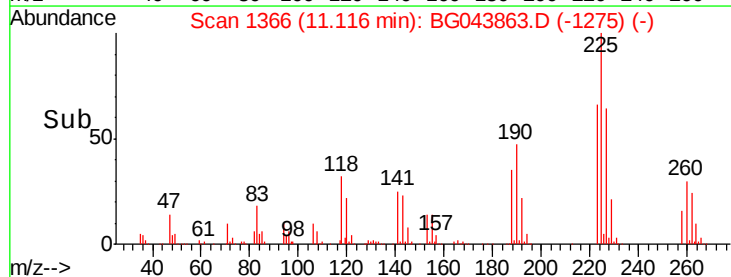
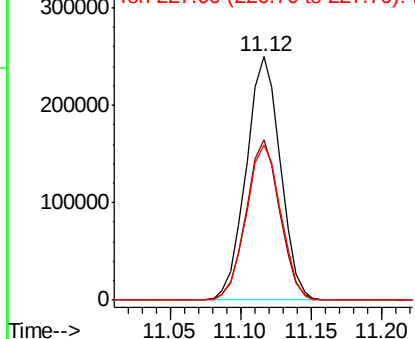


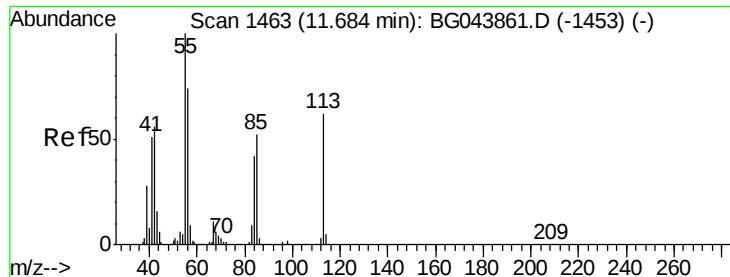
#34
Hexachlorobutadiene
Concen: 58.793 ng
RT: 11.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Tgt Ion:225	Resp:	424741
Ion	Ratio	Lower Upper
225	100	
223	66.1	52.2 78.4
227	64.0	52.1 78.1



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





#35

Caprolactam

Concen: 58.020 ng

RT: 11.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

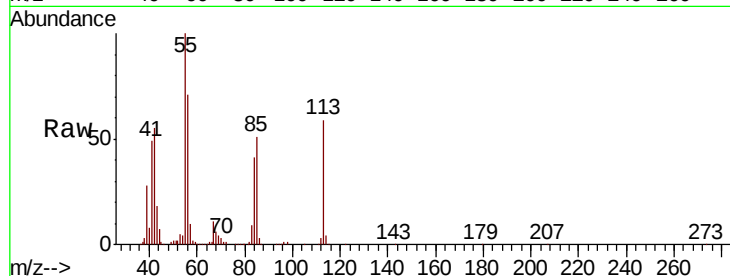
Tot Ion:113 Resp: 231790

Ion Ratio Lower Upper

113 100

55 170.0 142.5 182.5

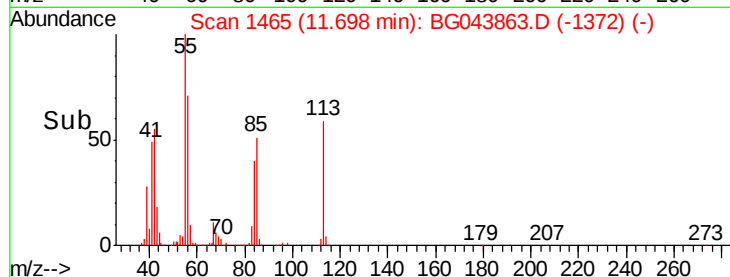
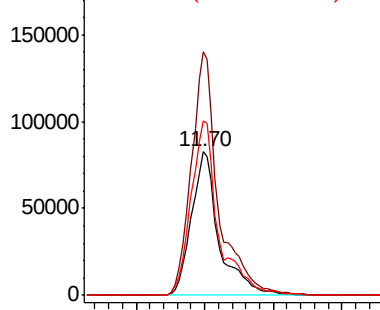
56 121.4 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG043861.D (-1453) (-)

Ion 56.00 (55.70 to 56.70): BG043861.D (-1453) (-)



#36

4-Chloro-3-methylphenol

Concen: 56.799 ng

RT: 12.04 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

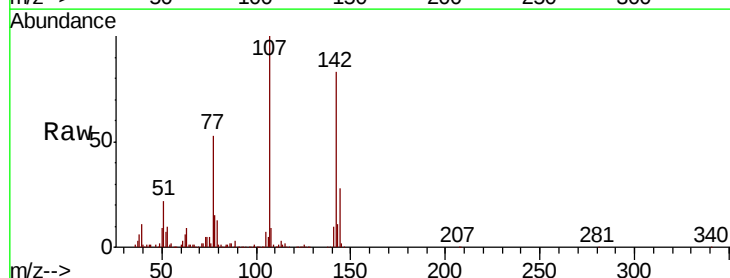
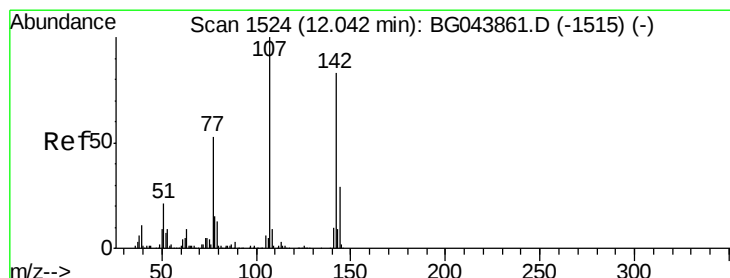
Tgt Ion:107 Resp: 654272

Ion Ratio Lower Upper

107 100

144 28.0 23.4 35.2

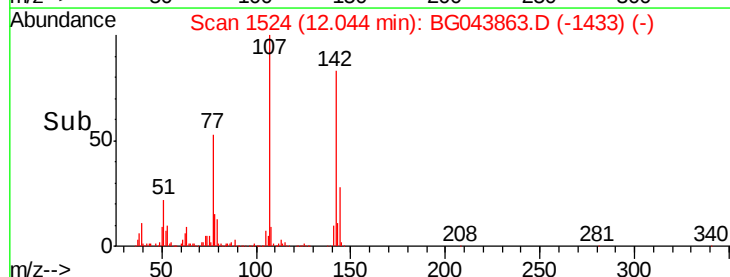
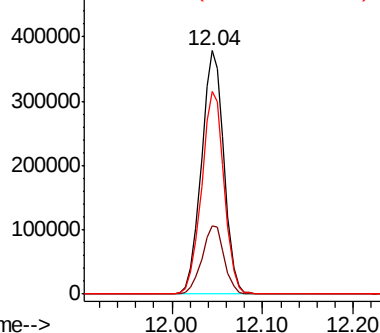
142 83.0 66.3 99.5

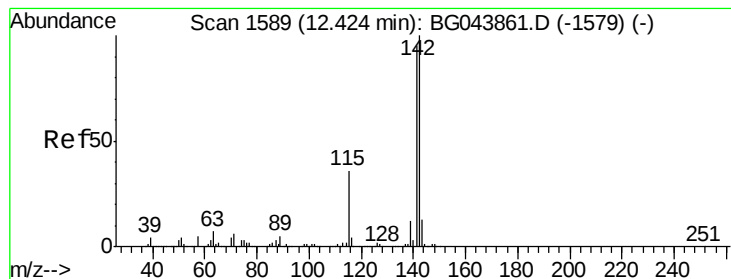


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 56.328 ng

RT: 12.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

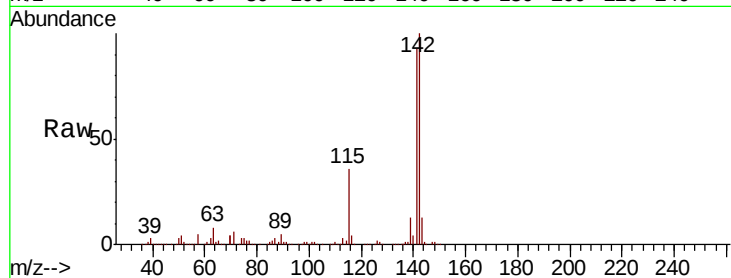
Tot Ion:142 Resp: 1404277

Ion Ratio Lower Upper

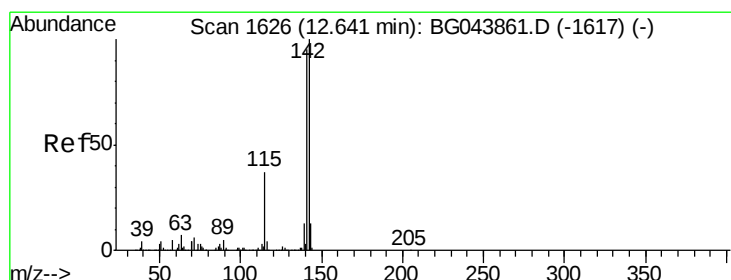
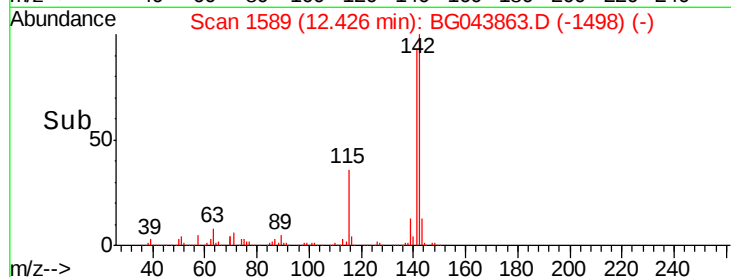
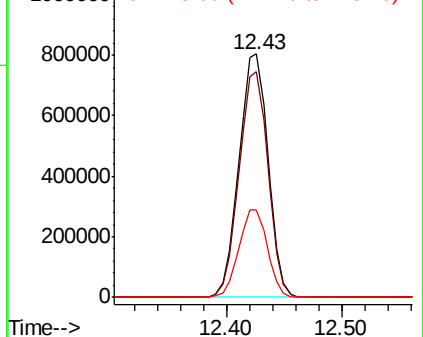
142 100

141 92.6 75.8 113.8

115 36.0 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 55.891 ng

RT: 12.64 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

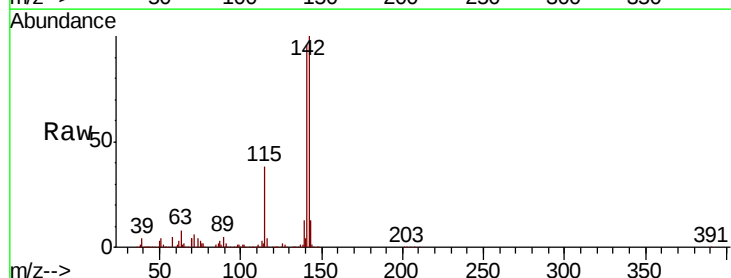
Tgt Ion:142 Resp: 1322637

Ion Ratio Lower Upper

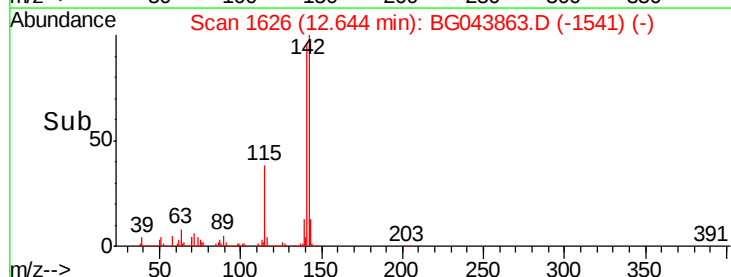
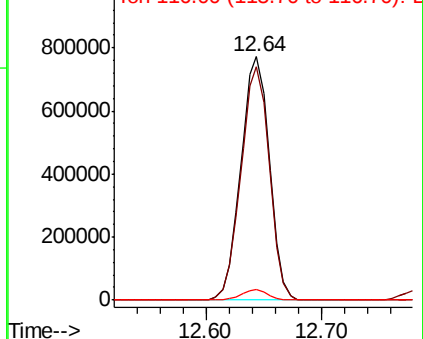
142 100

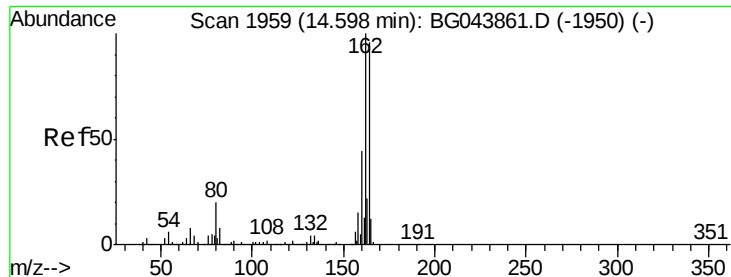
141 95.7 76.0 114.0

116 4.3 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

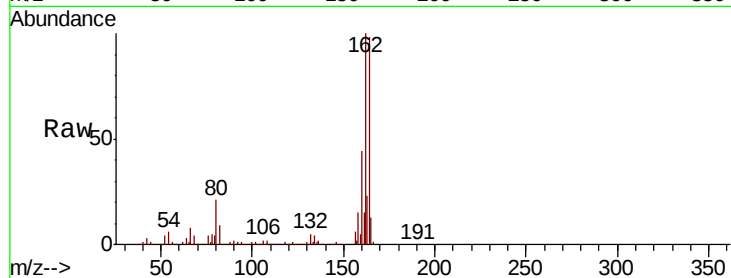
Tot Ion:164 Resp: 431527

Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.4

160 45.3 36.1 54.1

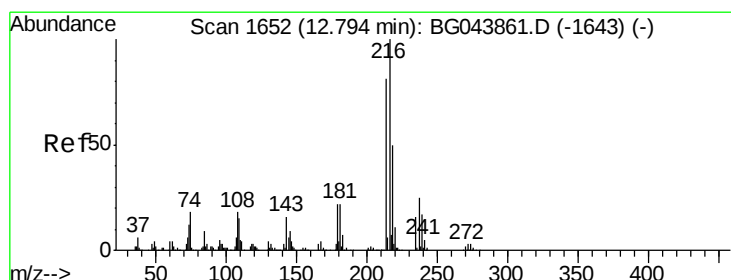
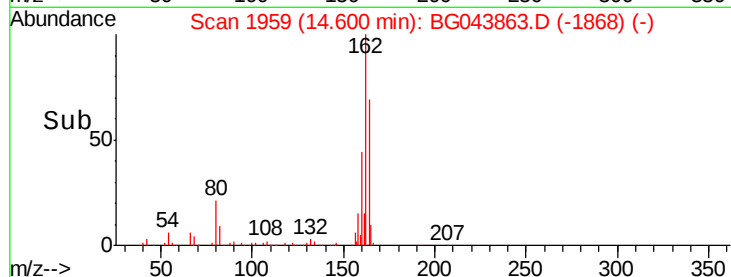
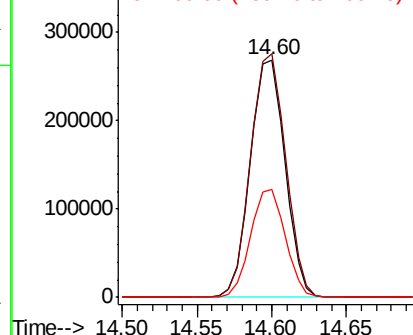


Abundance

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: 57.632 ng

RT: 12.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Tgt Ion:216 Resp: 722881

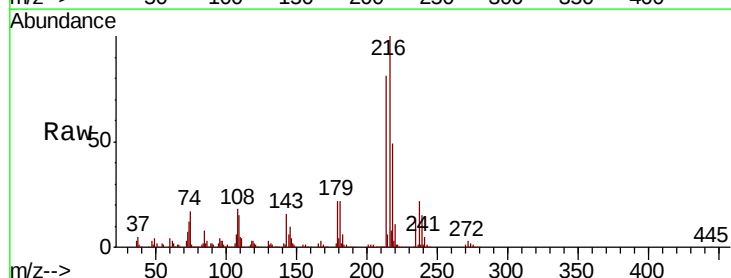
Ion Ratio Lower Upper

216 100

214 80.5 63.8 95.8

179 22.4 17.3 25.9

108 19.1 15.3 22.9



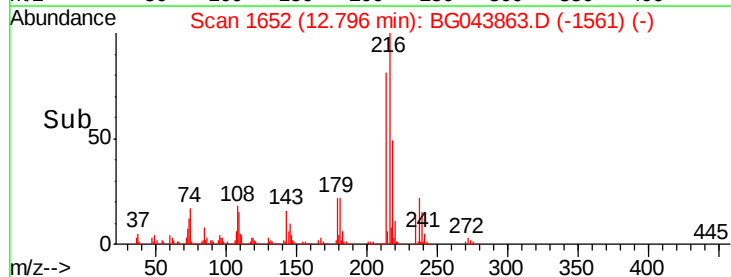
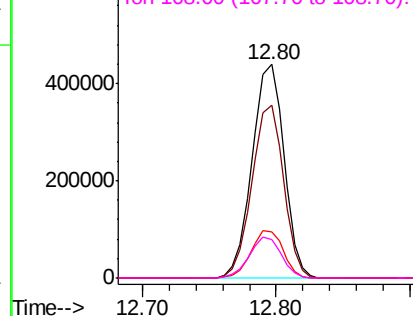
Abundance

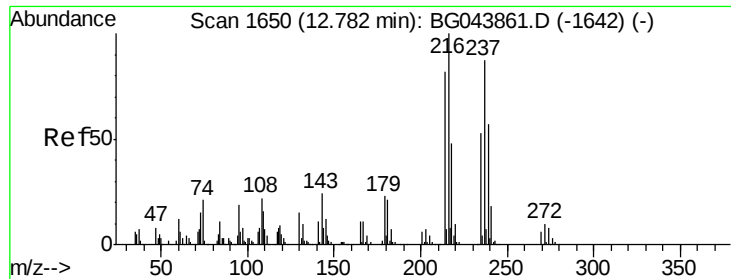
Ion 216.00 (215.70 to 216.70): E

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

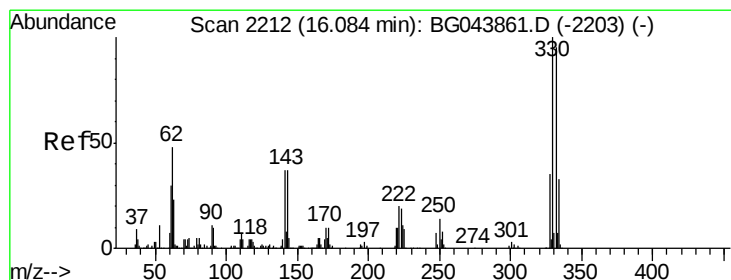
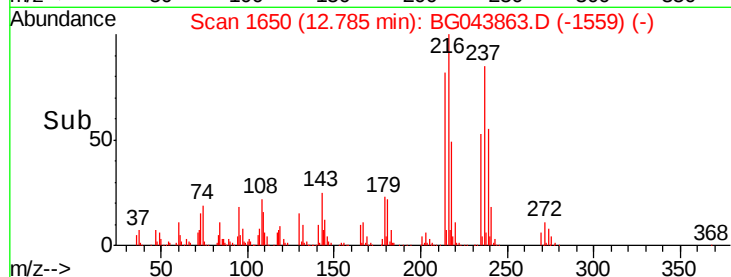
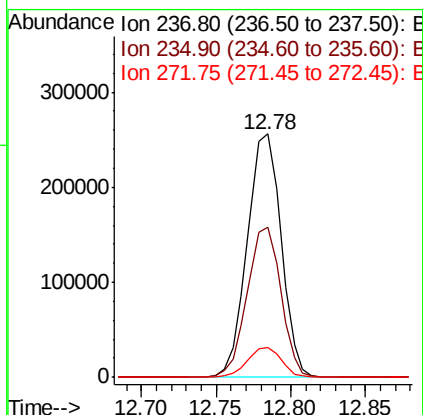
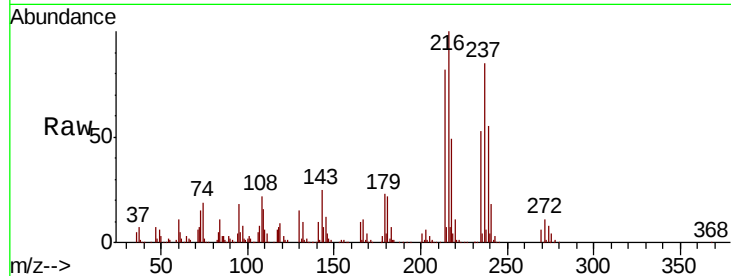




#41
Hexachlorocyclopentadiene
Concen: 60.054 ng
RT: 12.78 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

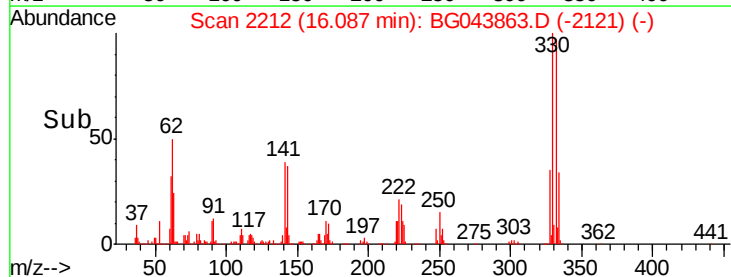
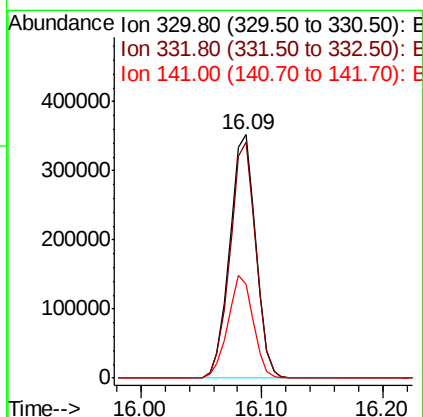
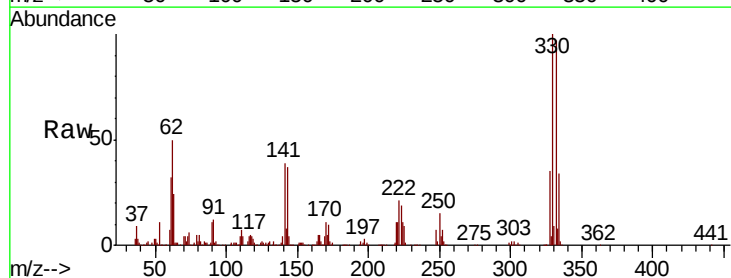
Instrument :
BNA_G
ClientSampleId :
DFTPP

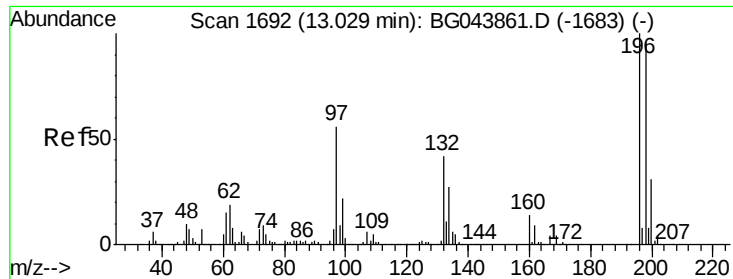
Tot Ion:237 Resp: 402210
Ion Ratio Lower Upper
237 100
235 61.7 41.1 81.1
272 12.5 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 116.190 ng
RT: 16.09 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Tgt Ion:330 Resp: 528272
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 41.0 33.1 49.7

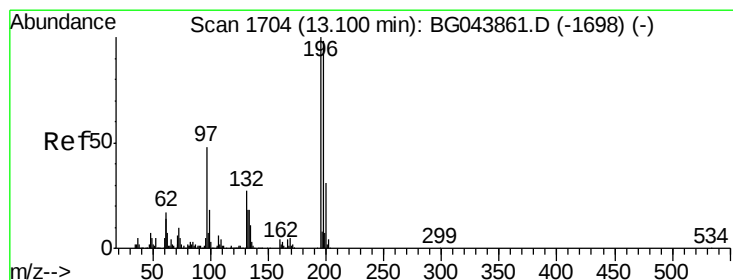
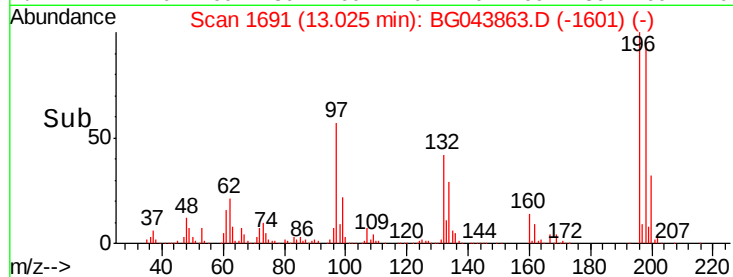
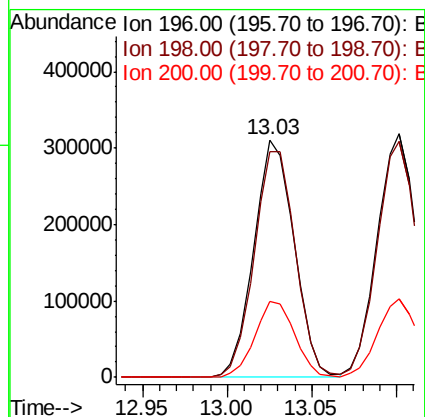
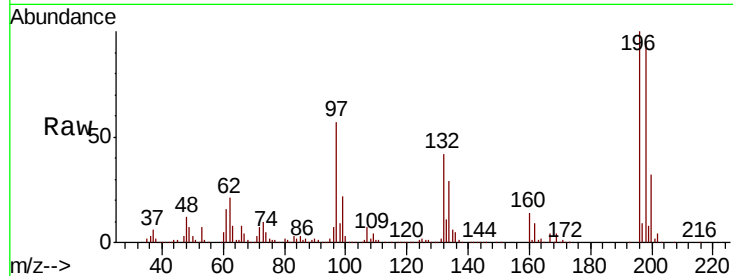




#43
 2,4,6-Trichlorophenol
 Concen: 59.187 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG043863.D
 Acq: 30 Dec 2019 12:04

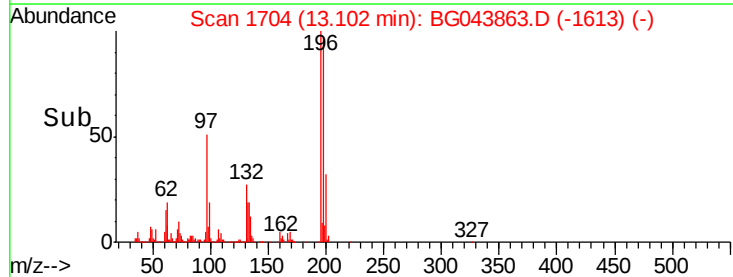
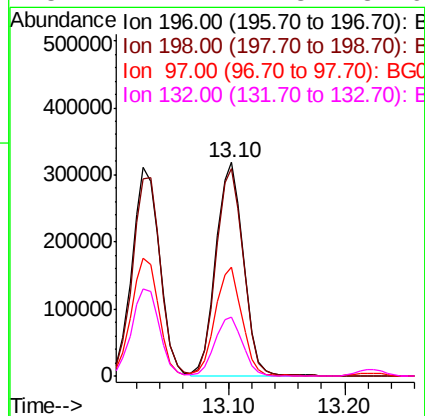
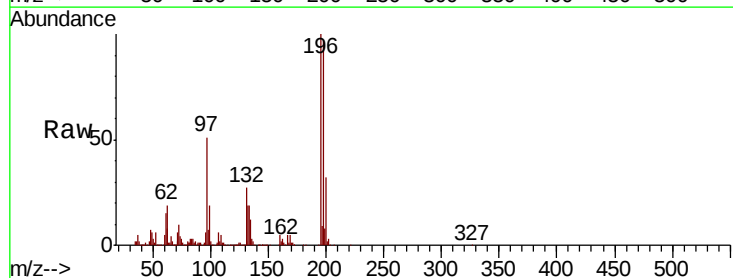
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

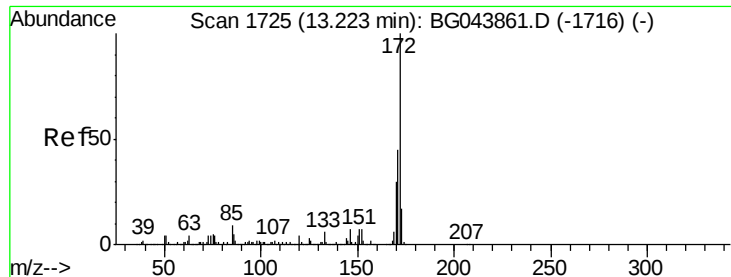
Tot Ion:196 Resp: 513840
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.6 115.0
 200 32.0 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 59.001 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043863.D
 Acq: 30 Dec 2019 12:04

Tgt Ion:196 Resp: 524735
 Ion Ratio Lower Upper
 196 100
 198 97.1 78.3 117.5
 97 50.9 38.8 58.2
 132 27.4 21.3 31.9

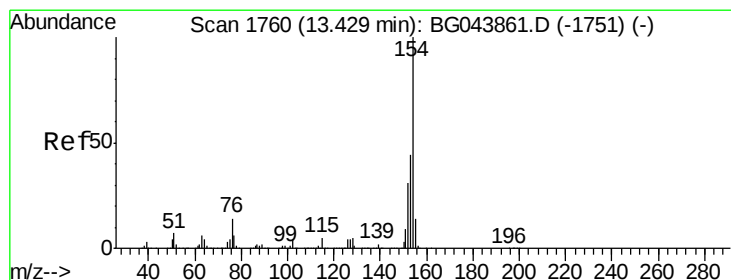
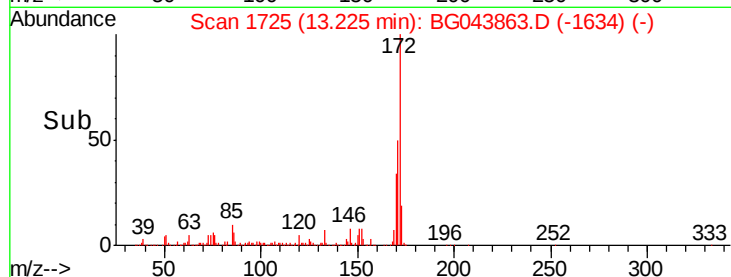
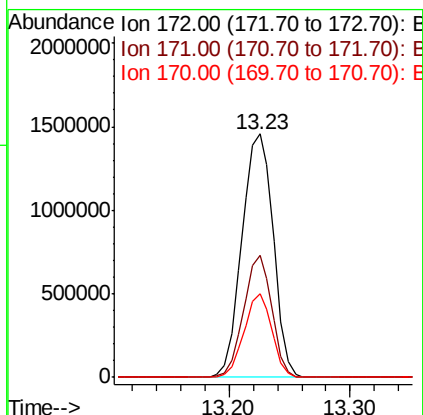
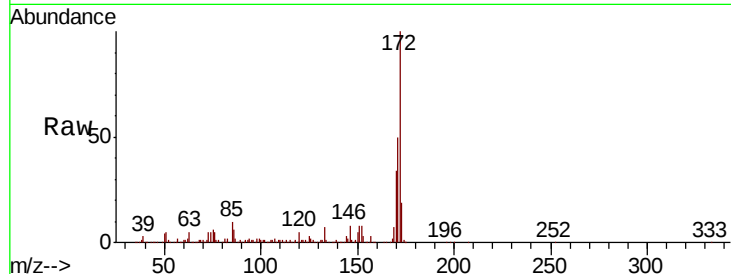




#45
2-Fluorobiphenyl
Concen: 108.495 ng
RT: 13.23 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

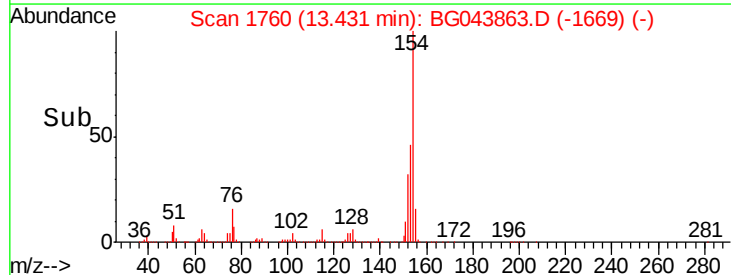
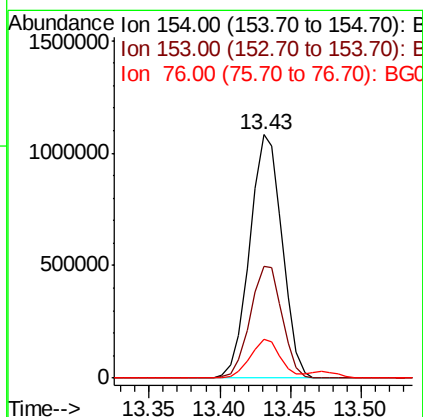
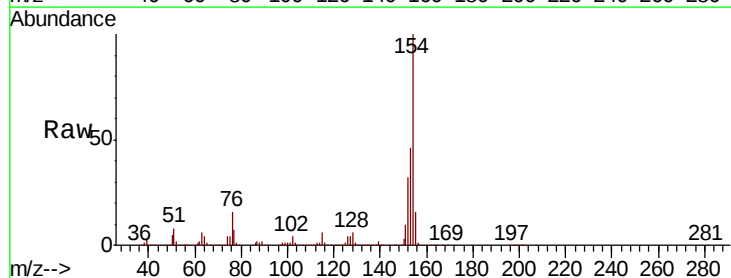
Instrument :
BNA_G
ClientSampleId :
DFTPP

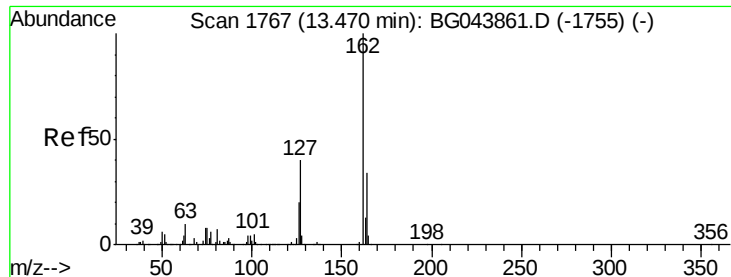
Tot Ion:172 Resp: 2621808
Ion Ratio Lower Upper
172 100
171 50.0 35.8 53.8
170 34.3 24.2 36.4



#46
1,1'-Biphenyl
Concen: 56.241 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Tgt Ion:154 Resp: 1742311
Ion Ratio Lower Upper
154 100
153 46.1 23.6 63.6
76 15.8 0.0 34.4





#47

2-Chloronaphthalene

Concen: 56.815 ng

RT: 13.47 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

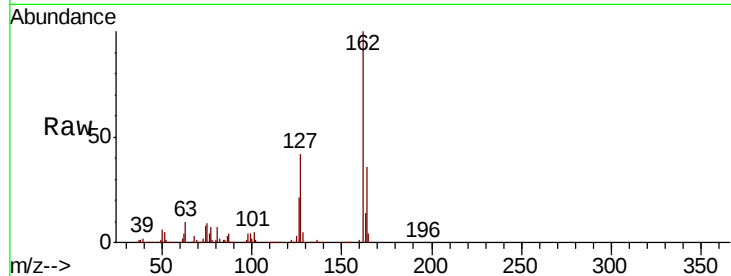
Tot Ion:162 Resp: 1419121

Ion Ratio Lower Upper

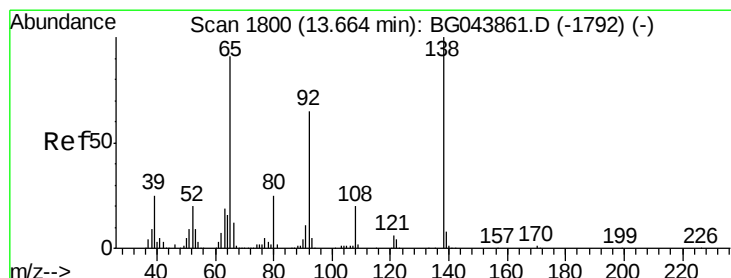
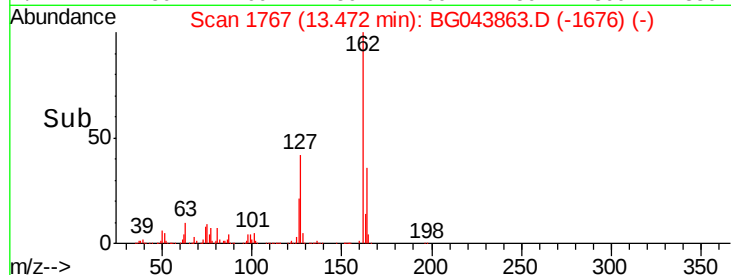
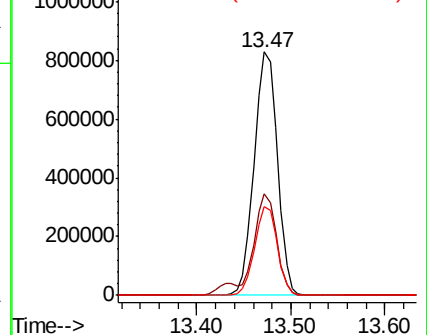
162 100

127 41.8 32.1 48.1

164 36.4 27.5 41.3



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 58.839 ng

RT: 13.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

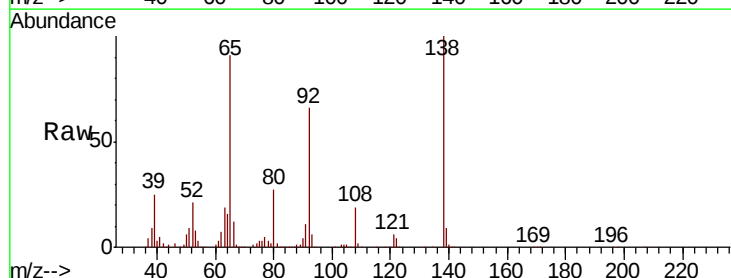
Tgt Ion: 65 Resp: 470722

Ion Ratio Lower Upper

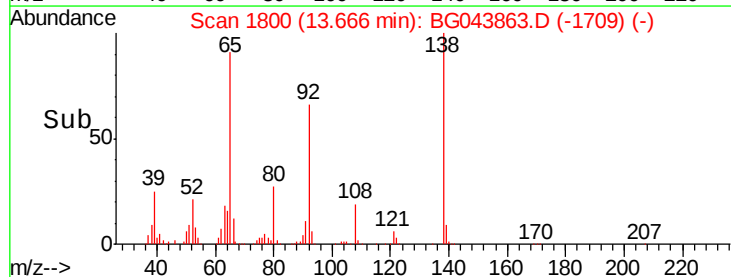
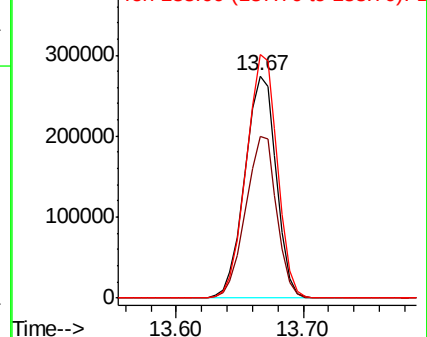
65 100

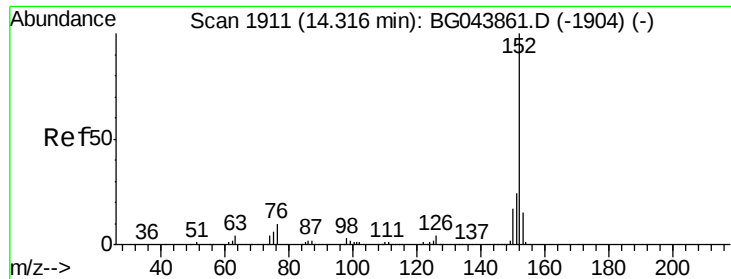
92 72.7 57.4 86.2

138 109.5 88.2 132.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 55.350 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

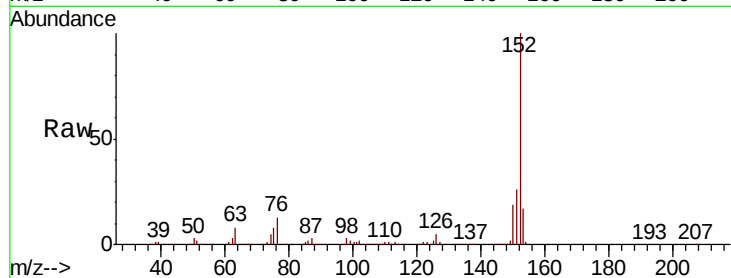
BNA_G

ClientSampleId :

DFTPP

Tot Ion:152 Resp: 2004301

Ion	Ratio	Lower	Upper
152	100		
151	26.2	19.4	29.2
153	17.0	12.0	18.0

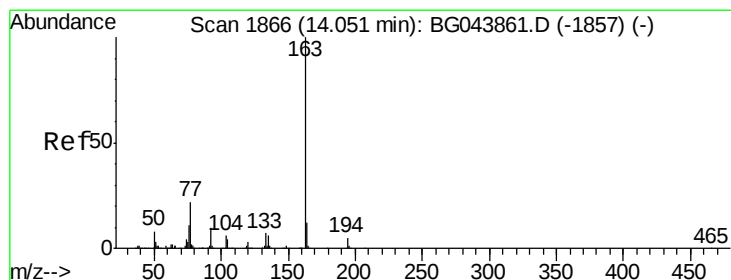
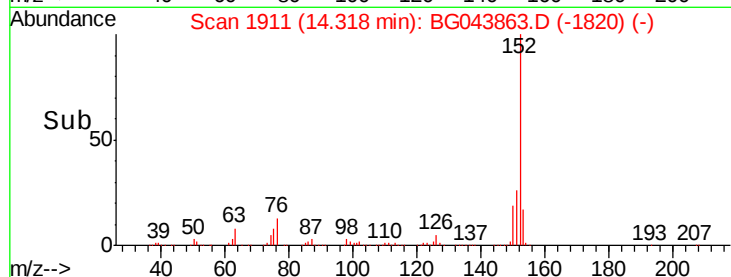
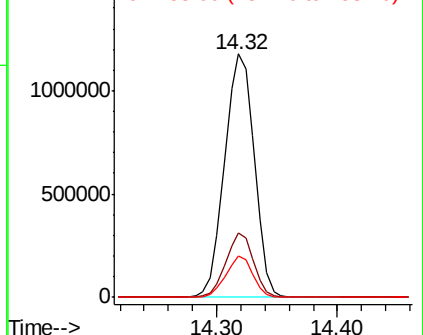


Abundance

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: 55.239 ng

RT: 14.05 min Scan# 1866

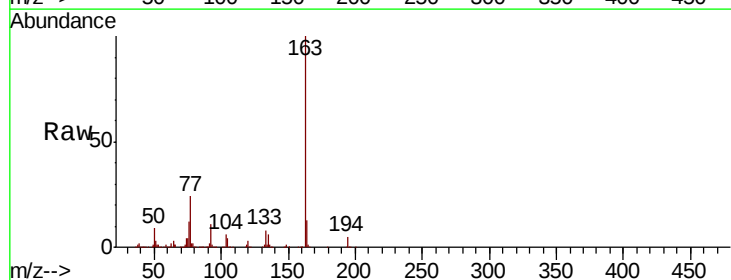
Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Tgt Ion:163 Resp: 1703247

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	12.6	9.3	13.9

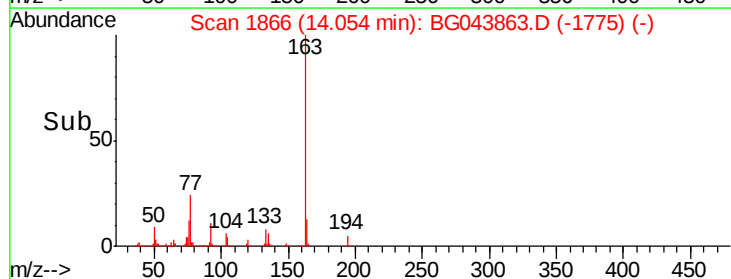
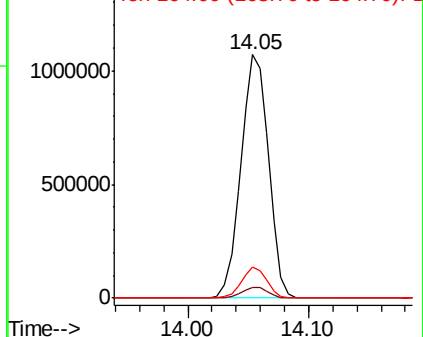


Abundance

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: 56.473 ng

RT: 14.17 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

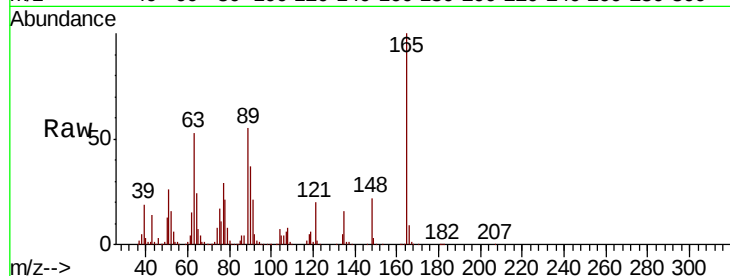
Tot Ion:165 Resp: 393577

Ion Ratio Lower Upper

165 100

63 52.8 43.1 64.7

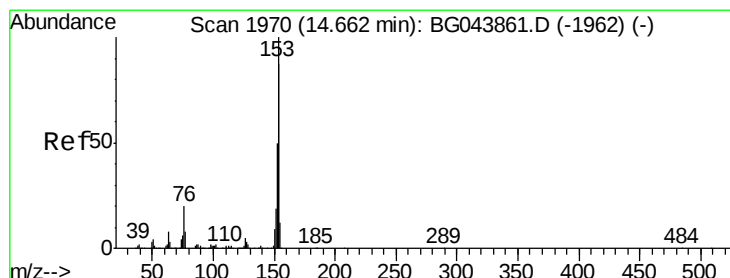
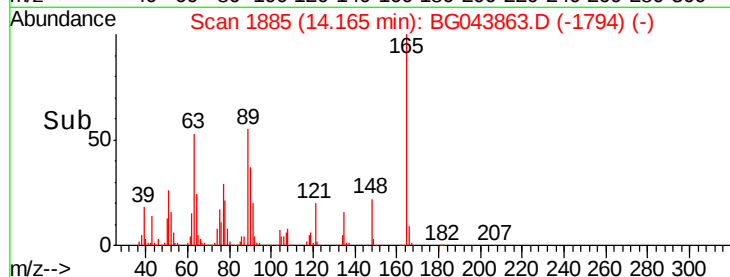
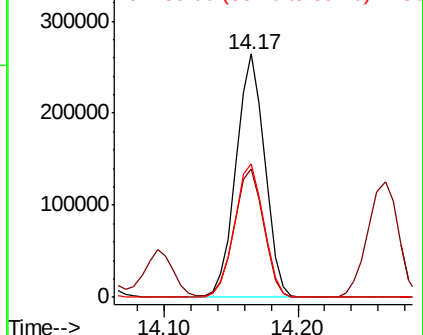
89 55.0 43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 56.984 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

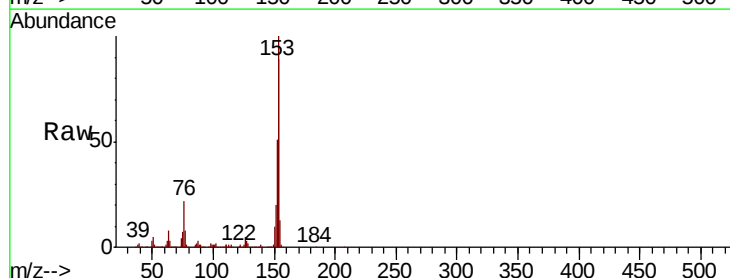
Tgt Ion:154 Resp: 1441602

Ion Ratio Lower Upper

154 100

153 113.0 91.6 137.4

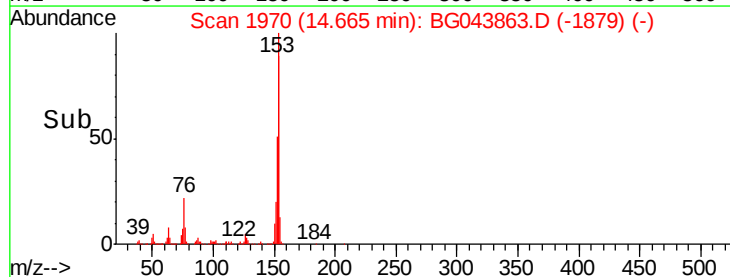
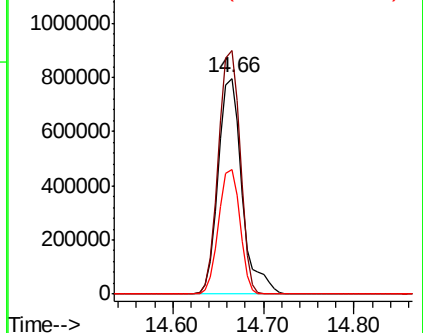
152 57.9 45.4 68.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

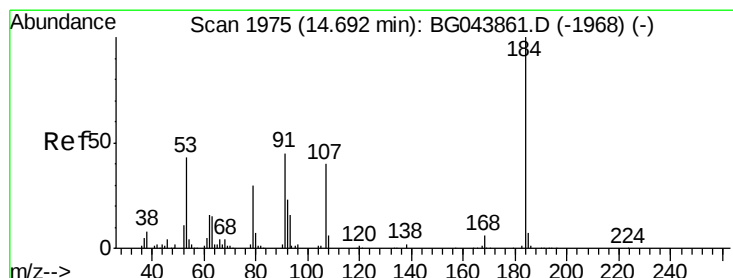
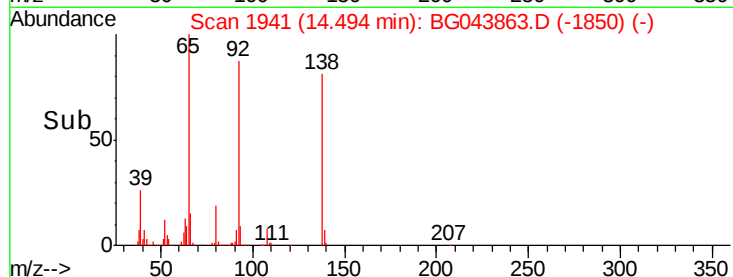
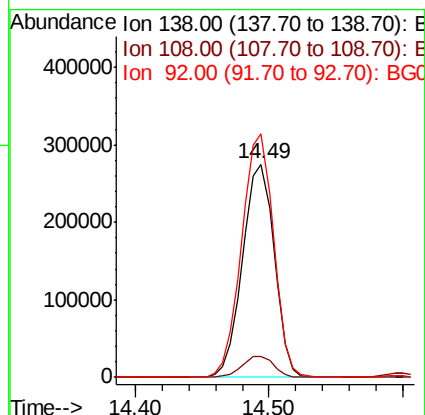
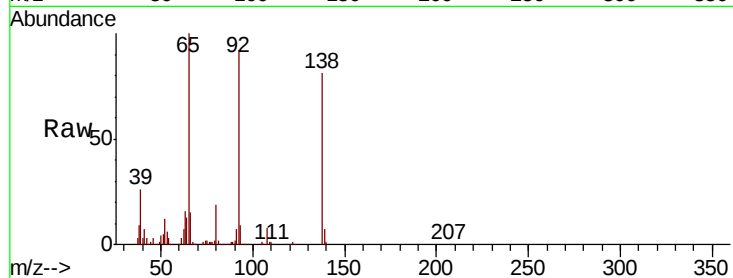




#53
3-Nitroaniline
Concen: 57.438 ng
RT: 14.49 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

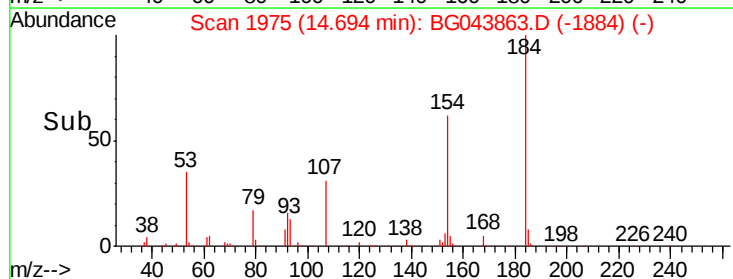
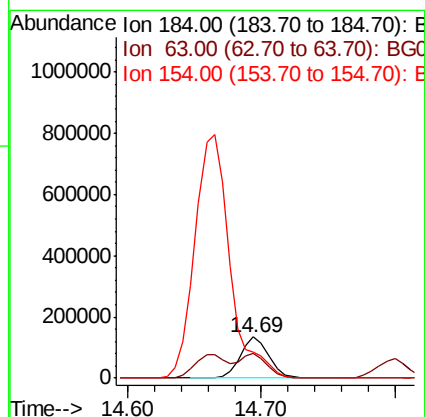
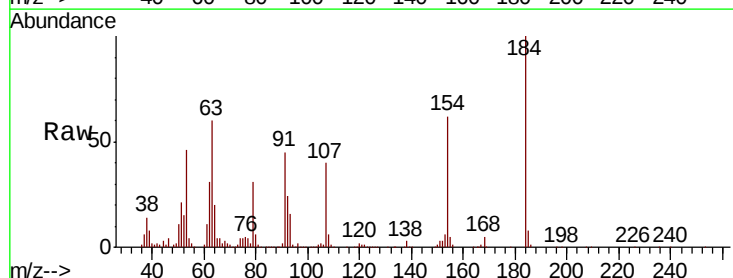
Instrument :
BNA_G
ClientSampleId :
DFTPP

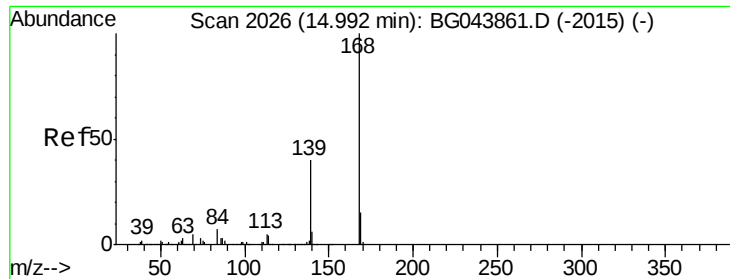
Tot Ion:138 Resp: 452631
Ion Ratio Lower Upper
138 100
108 10.0 7.4 11.2
92 114.1 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 64.787 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Tgt Ion:184 Resp: 199914
Ion Ratio Lower Upper
184 100
63 60.4 46.6 70.0
154 61.9 50.2 75.4





#55

Dibenzofuran

Concen: 54.999 ng

RT: 14.99 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

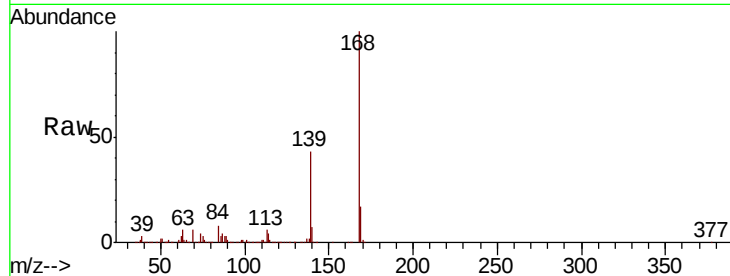
Tot Ion:168 Resp: 1922387

Ion	Ratio	Lower	Upper
168	100		
139	43.4	32.2	48.2
169	17.3	12.2	18.2

168 100

139 43.4 32.2 48.2

169 17.3 12.2 18.2

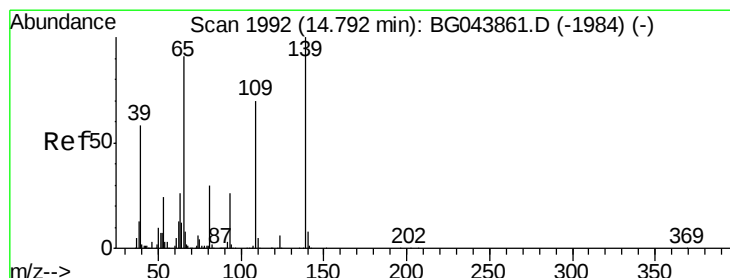
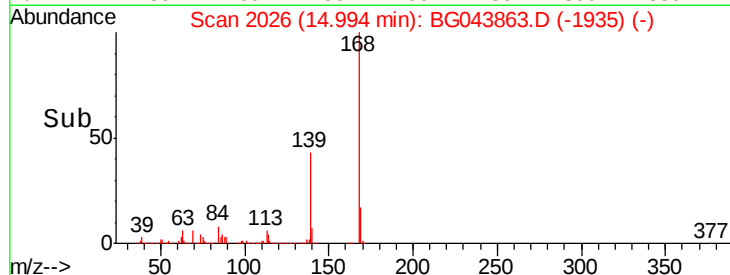
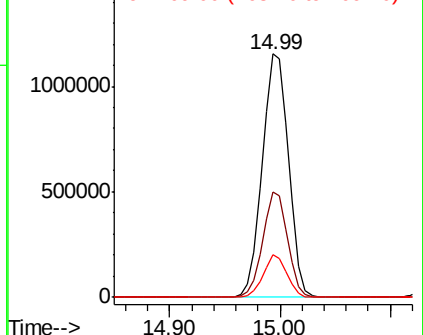


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 58.655 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.01 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

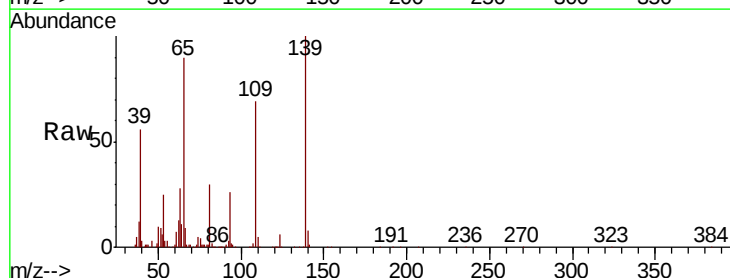
Tgt Ion:139 Resp: 354462

Ion	Ratio	Lower	Upper
139	100		
109	68.6	50.4	90.4
65	89.6	71.4	111.4

139 100

109 68.6 50.4 90.4

65 89.6 71.4 111.4

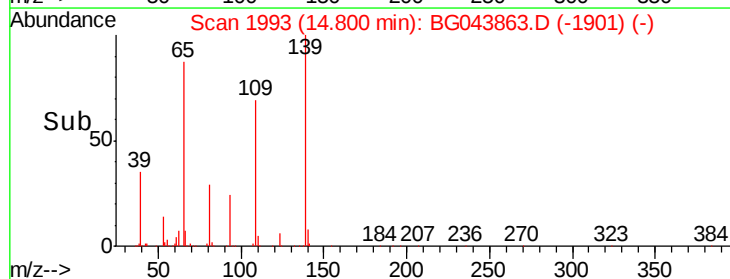
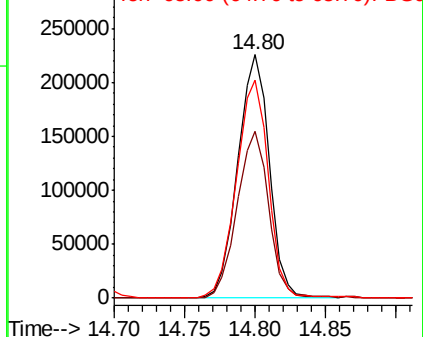


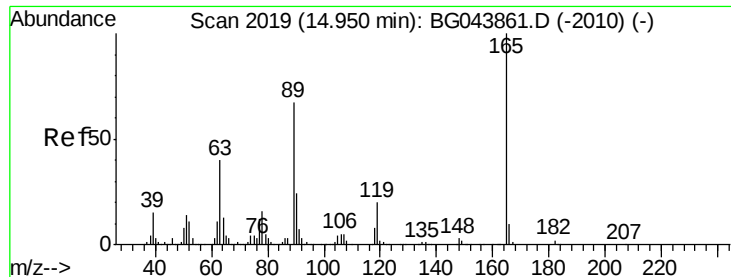
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

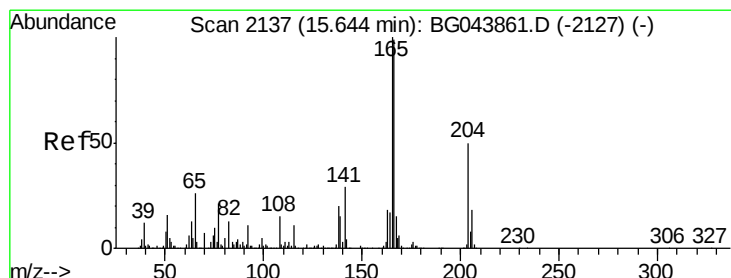
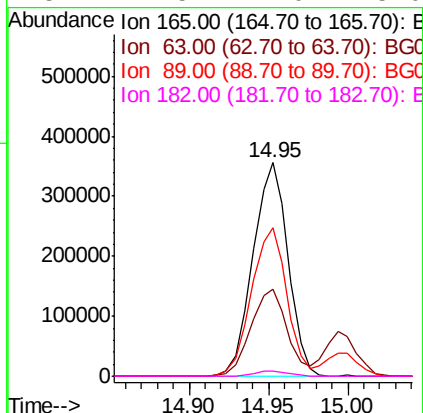
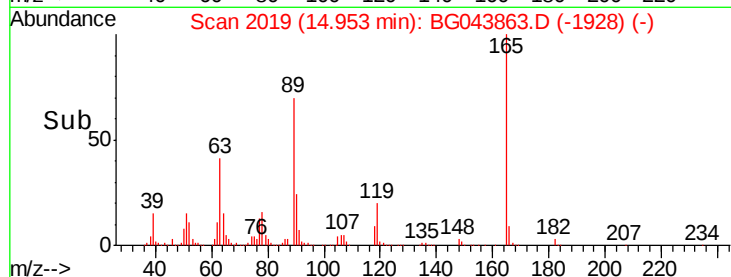
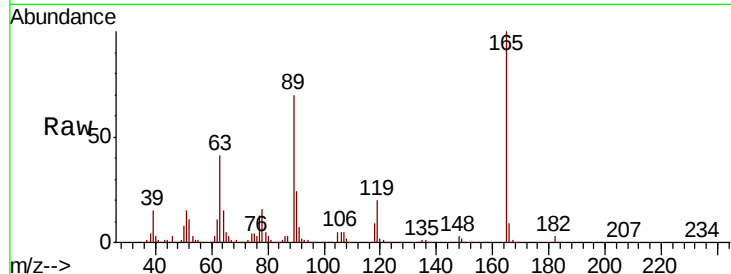




#57
2,4-Dinitrotoluene
Concen: 58.217 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

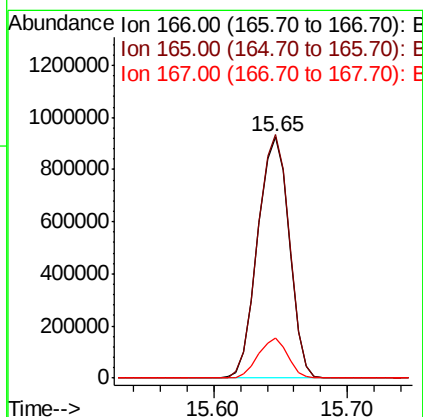
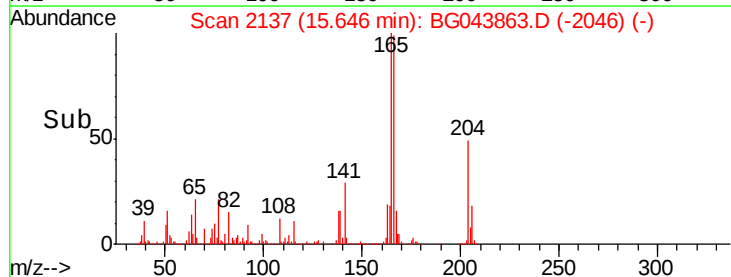
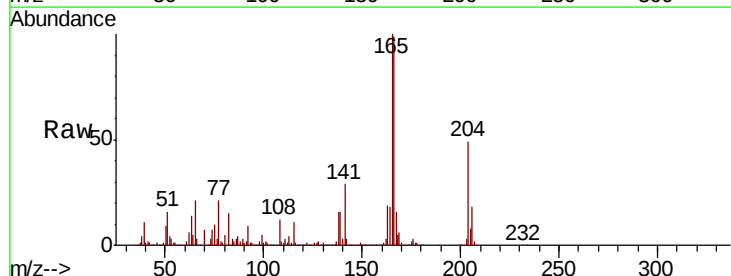
Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion:165 Resp: 546849
Ion Ratio Lower Upper
165 100
63 40.9 31.9 47.9
89 69.8 53.8 80.6
182 2.5 2.0 3.0



#58
Fluorene
Concen: 54.602 ng
RT: 15.65 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Tgt Ion:166 Resp: 1513562
Ion Ratio Lower Upper
166 100
165 100.8 80.8 121.2
167 16.5 12.1 18.1

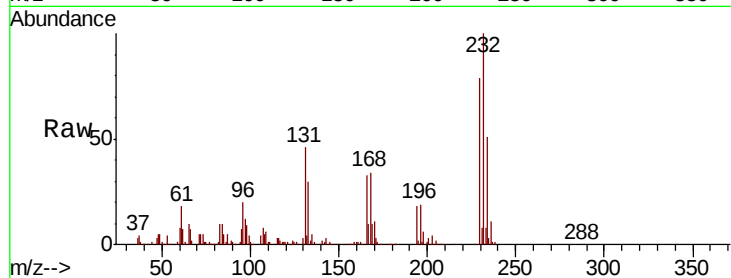




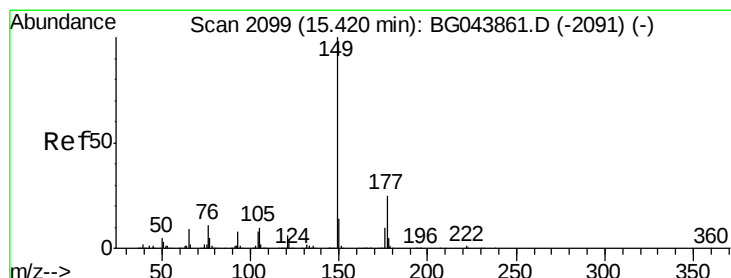
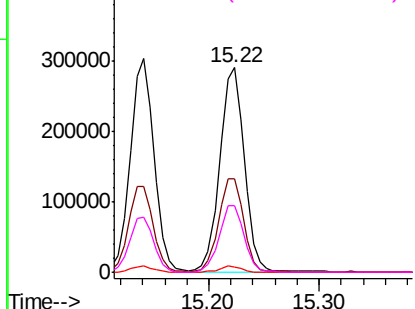
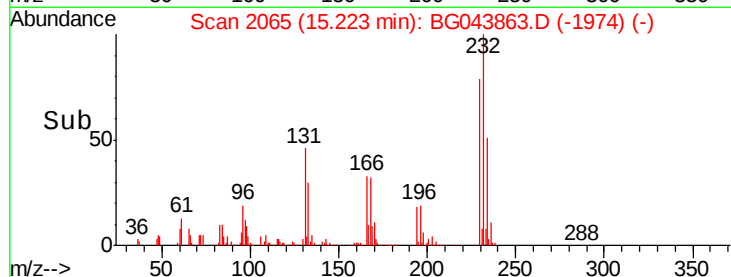
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.987 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG043863.D
 Acq: 30 Dec 2019 12:04

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.9	38.2	57.2
130	2.7	2.2	3.2
166	32.7	26.4	39.6

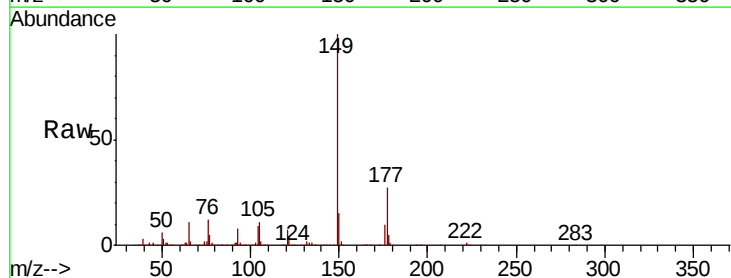


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

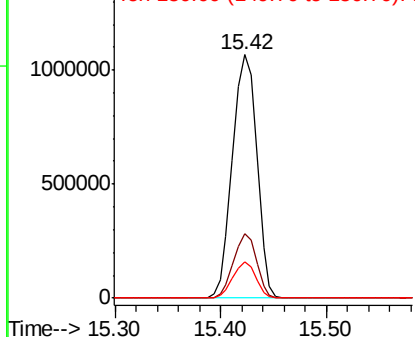
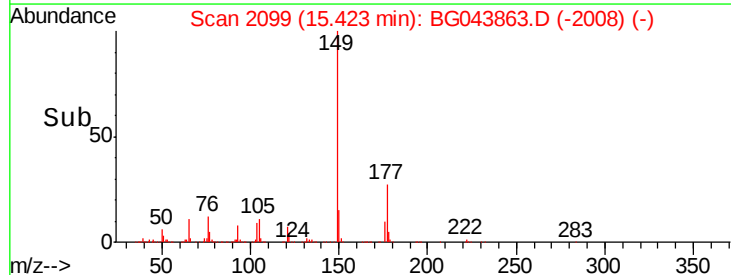


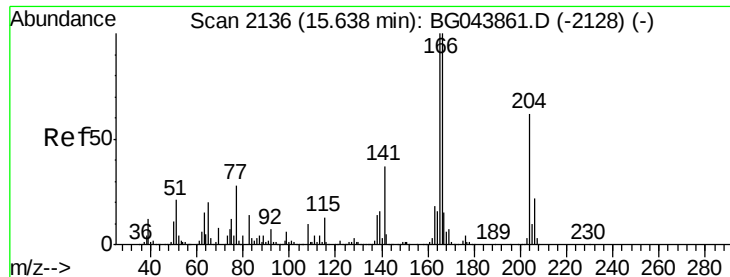
#60
 Diethylphthalate
 Concen: 55.322 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG043863.D
 Acq: 30 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.7	20.0	30.0
150	14.7	11.1	16.7



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

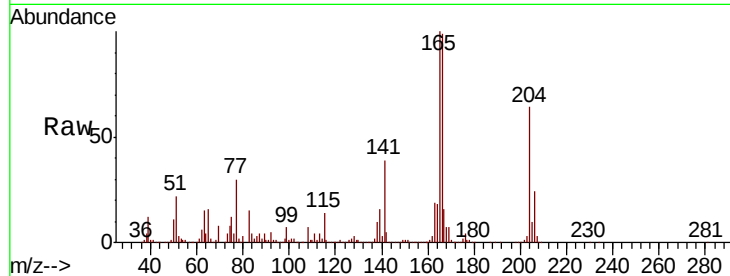




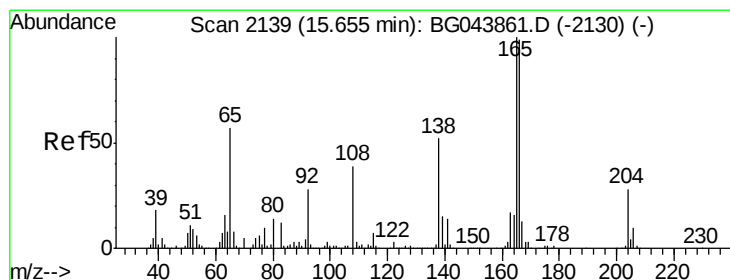
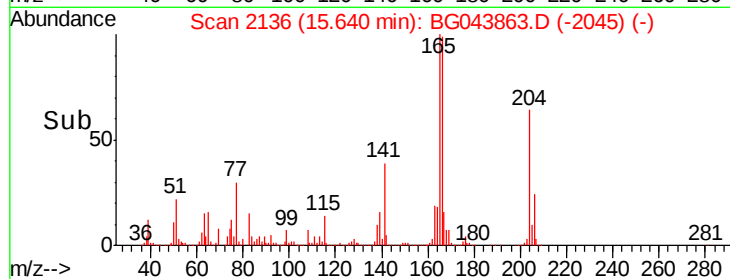
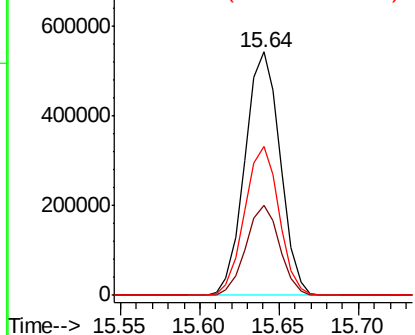
#61
4-Chlorophenyl-phenylether
Concen: 56.233 ng
RT: 15.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion:204 Resp: 838186
Ion Ratio Lower Upper
204 100
206 36.9 28.2 42.2
141 61.1 48.2 72.2

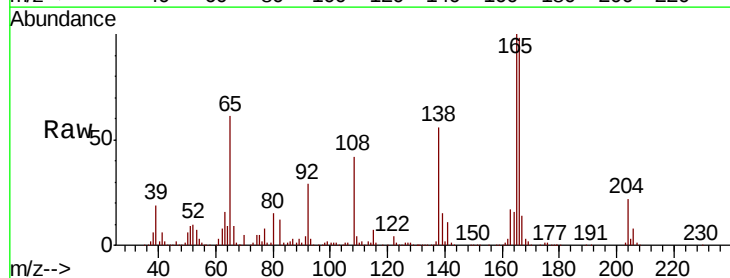


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

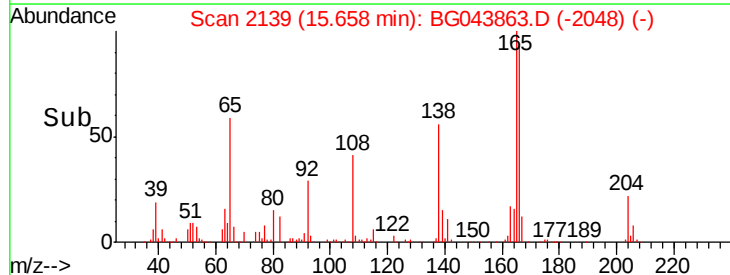
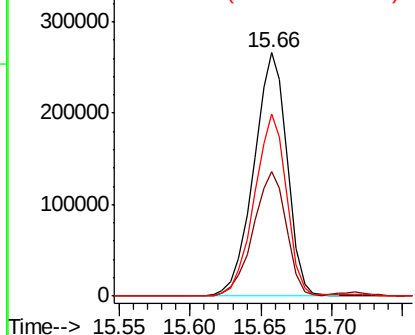


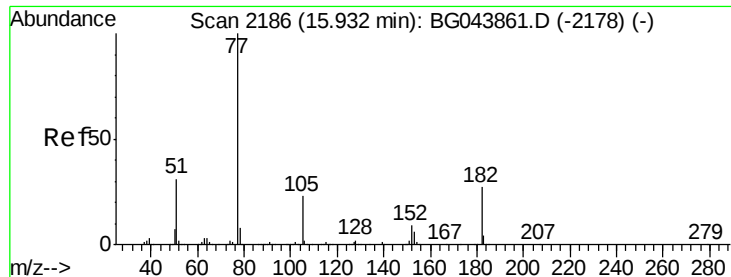
#62
4-Nitroaniline
Concen: 56.924 ng
RT: 15.66 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Tgt Ion:138 Resp: 439962
Ion Ratio Lower Upper
138 100
92 51.2 34.3 74.3
108 74.6 55.0 95.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 55.269 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

Tot Ion: 77 Resp: 1580884

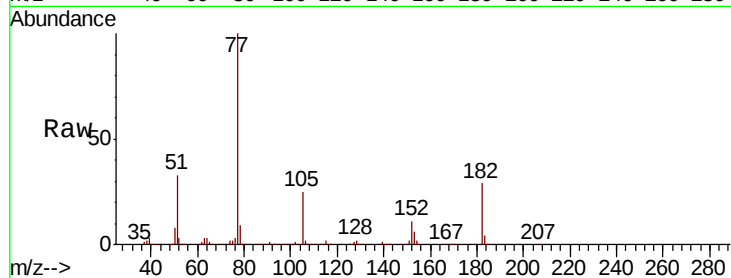
Ion Ratio Lower Upper

77 100

182 28.9 7.3 47.3

105 24.7 3.2 43.2

51 33.2 10.6 50.6

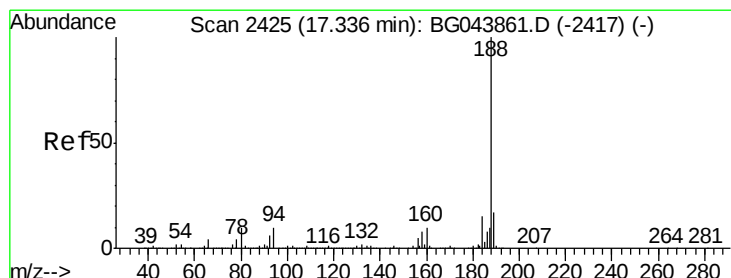
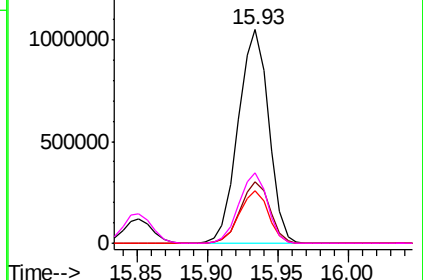
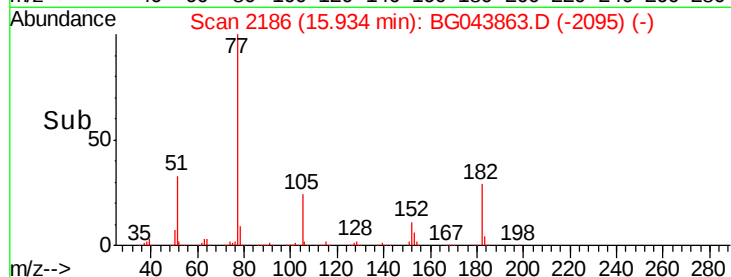


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

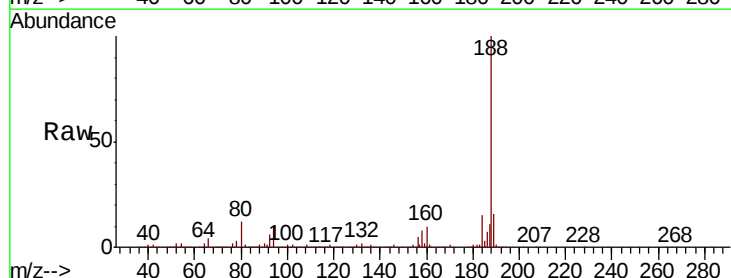
Tgt Ion: 188 Resp: 838782

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

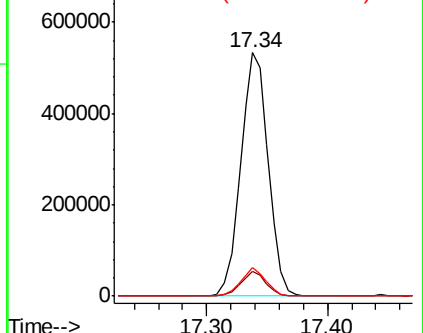
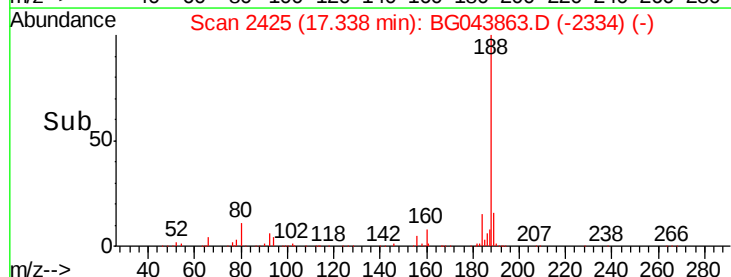
80 11.6 8.2 12.4

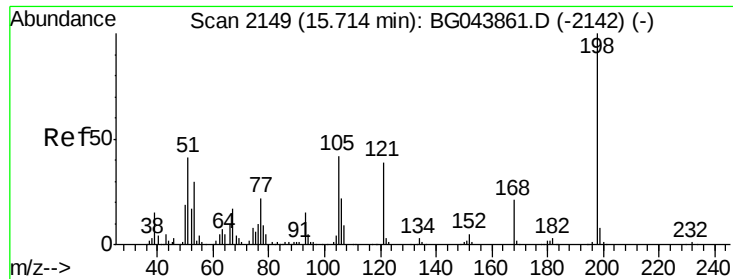


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

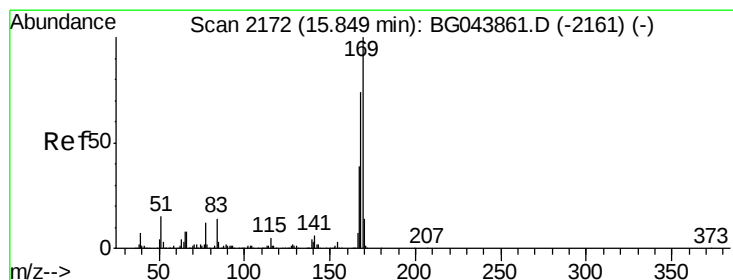
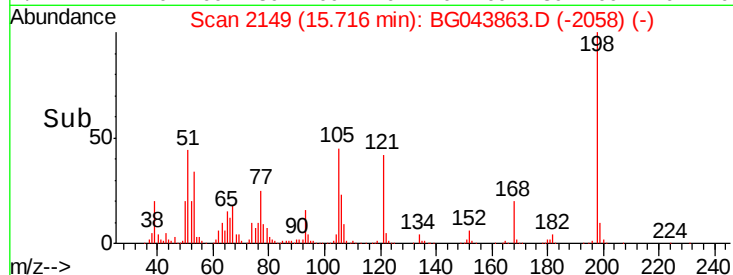
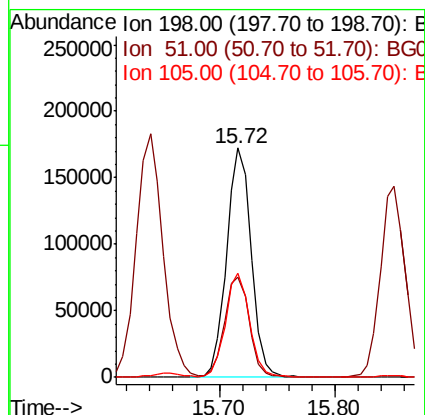
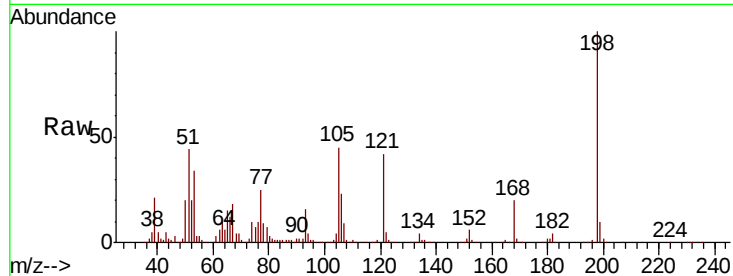




#65
 4,6-Dinitro-2-methylphenol
 Concen: 63.661 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG043863.D
 Acq: 30 Dec 2019 12:04

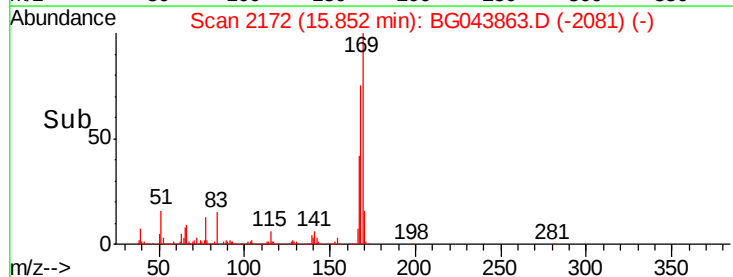
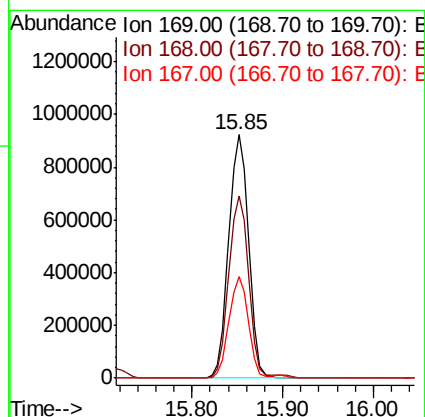
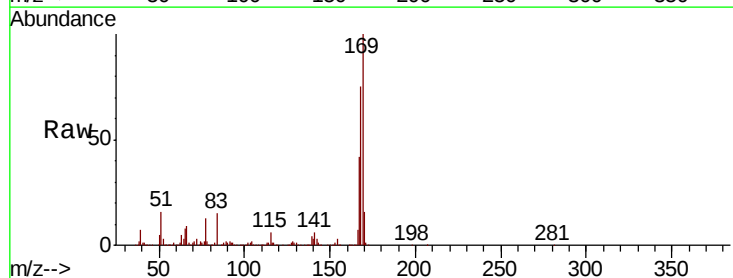
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

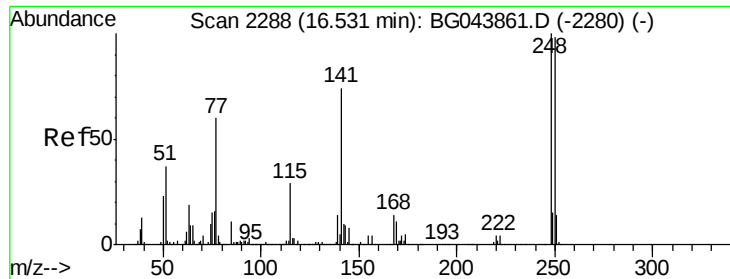
Tot Ion:198 Resp: 253449
 Ion Ratio Lower Upper
 198 100
 51 43.9 22.5 62.5
 105 45.1 22.3 62.3



#66
 n-Nitrosodiphenylamine
 Concen: 57.029 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BG043863.D
 Acq: 30 Dec 2019 12:04

Tgt Ion:169 Resp: 1406529
 Ion Ratio Lower Upper
 169 100
 168 74.9 59.0 88.6
 167 41.7 31.4 47.0

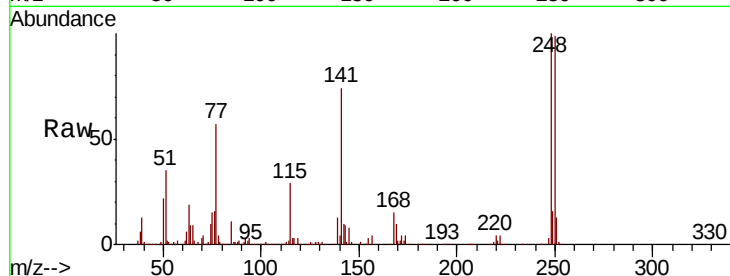




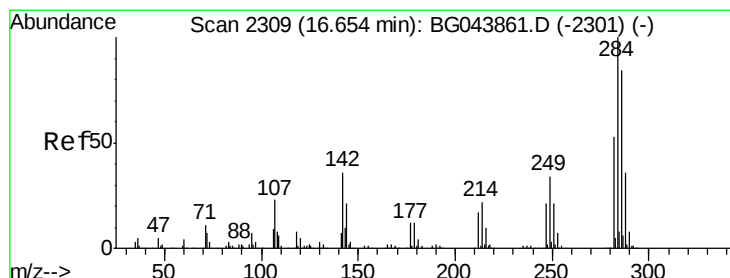
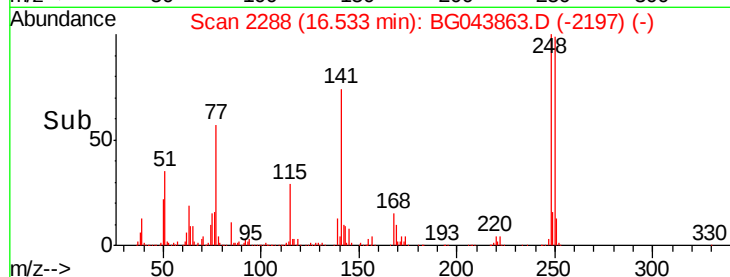
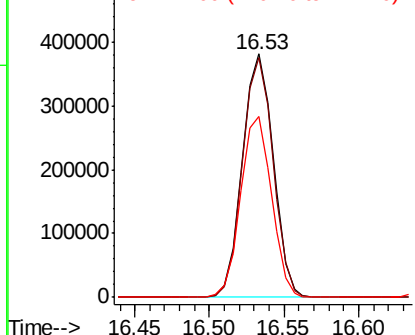
#67
4-Bromophenyl-phenylether
Concen: 58.212 ng
RT: 16.53 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion:248 Resp: 544867
Ion Ratio Lower Upper
248 100
250 98.7 78.2 117.2
141 74.1 59.3 88.9

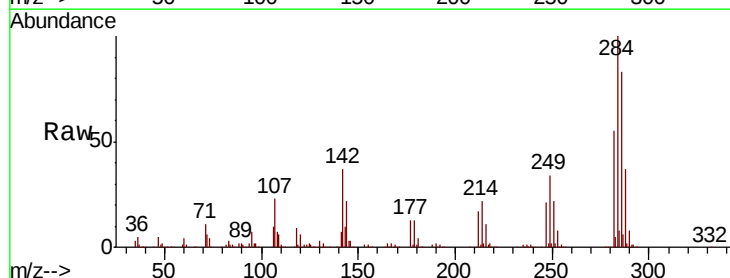


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

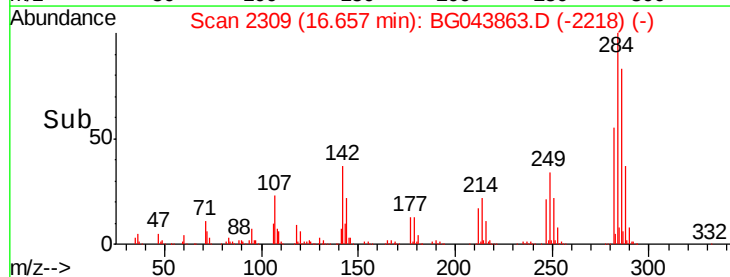
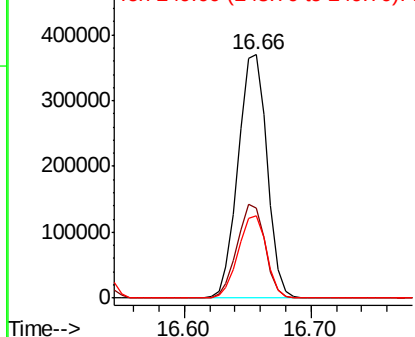


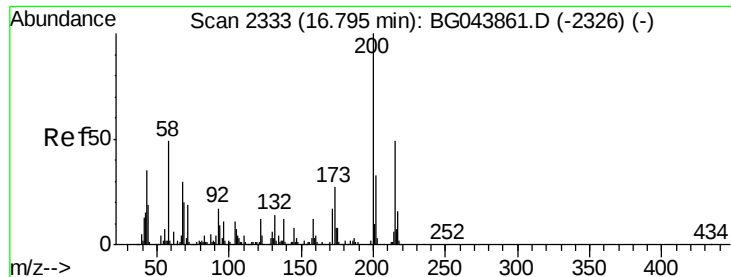
#68
Hexachlorobenzene
Concen: 57.604 ng
RT: 16.66 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Tgt Ion:284 Resp: 584054
Ion Ratio Lower Upper
284 100
142 37.0 28.6 43.0
249 33.9 27.0 40.6



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





#69

Atrazine

Concen: 57.324 ng

RT: 16.80 min Scan# 2334

Delta R.T. 0.01 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

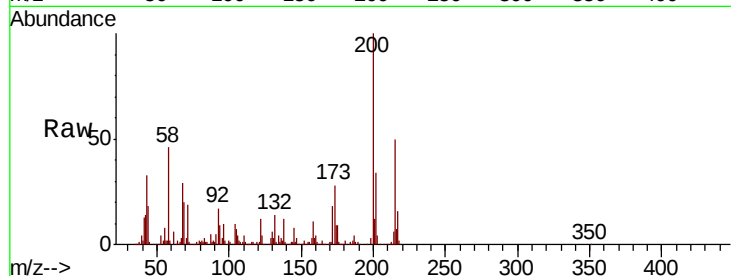
Tot Ion:200 Resp: 463643

Ion Ratio Lower Upper

200 100

173 27.9 6.6 46.6

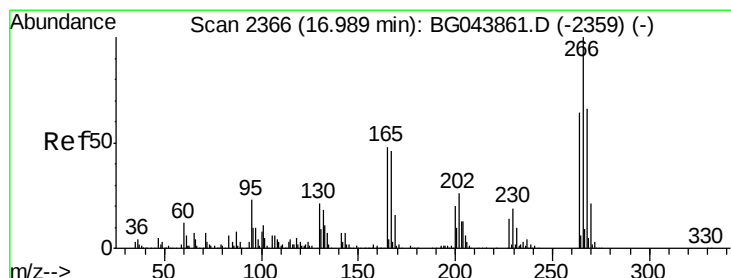
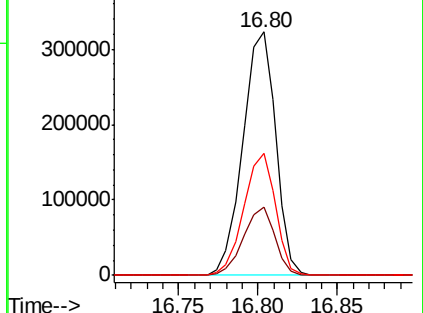
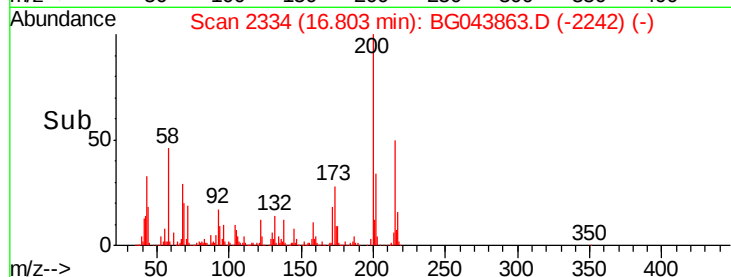
215 50.0 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 62.645 ng

RT: 16.99 min Scan# 2366

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

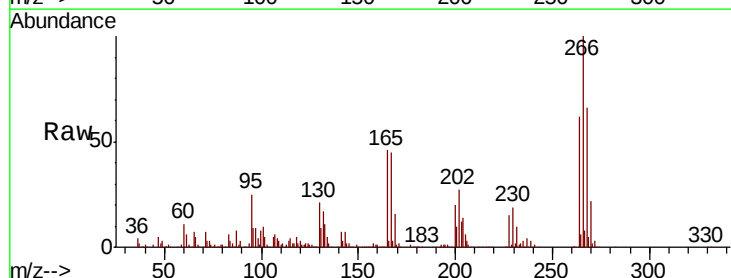
Tgt Ion:266 Resp: 347772

Ion Ratio Lower Upper

266 100

268 66.2 52.6 79.0

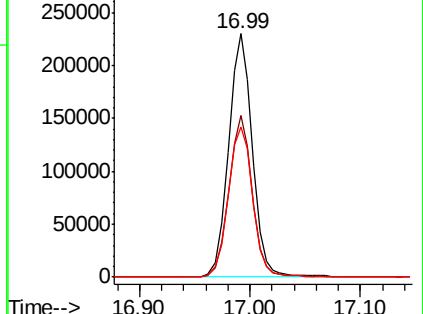
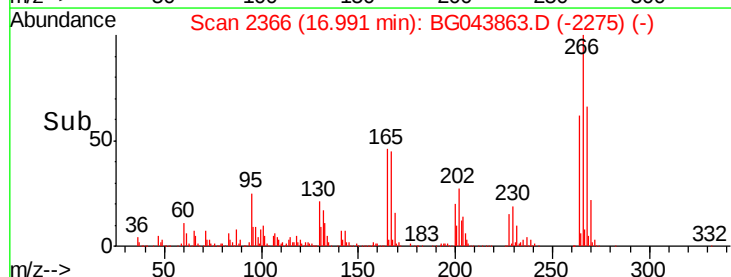
264 61.9 50.8 76.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 55.754 ng

RT: 17.39 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

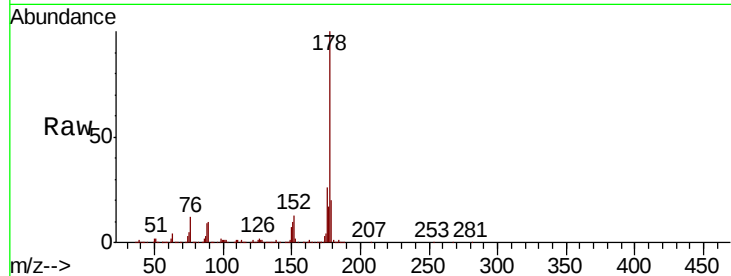
Tot Ion:178 Resp: 2243937

Ion Ratio Lower Upper

178 100

176 26.3 18.6 28.0

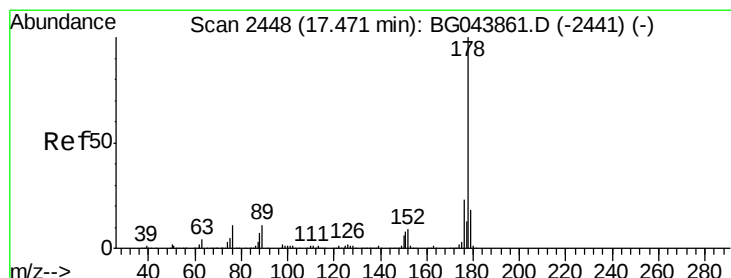
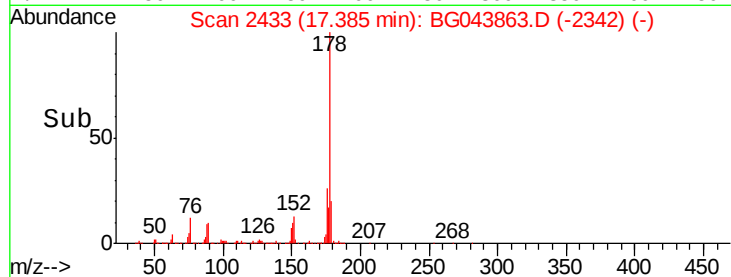
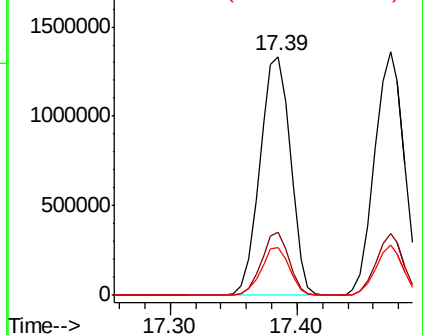
179 20.2 14.4 21.6



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: 55.460 ng

RT: 17.47 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

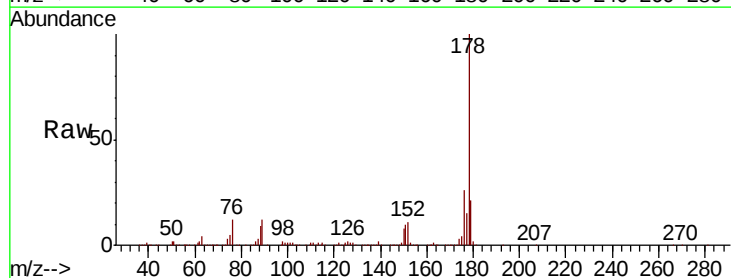
Tgt Ion:178 Resp: 2209844

Ion Ratio Lower Upper

178 100

176 25.5 18.3 27.5

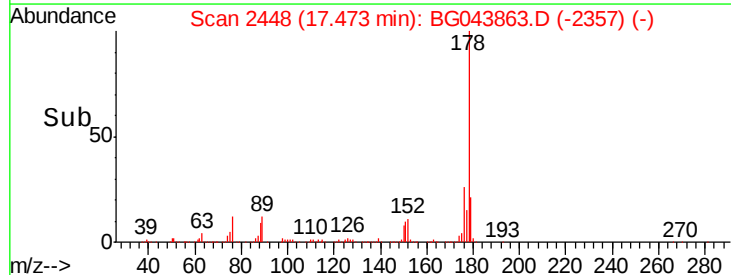
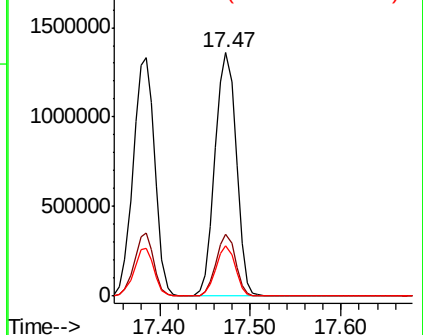
179 20.8 14.6 22.0

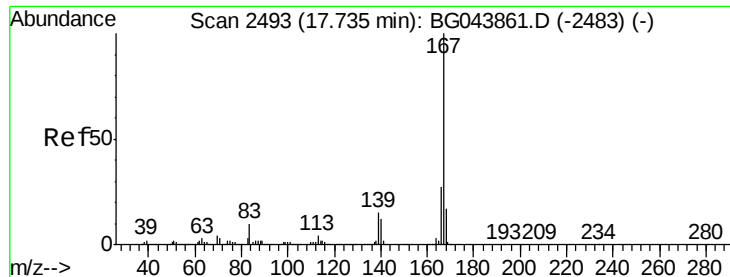


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

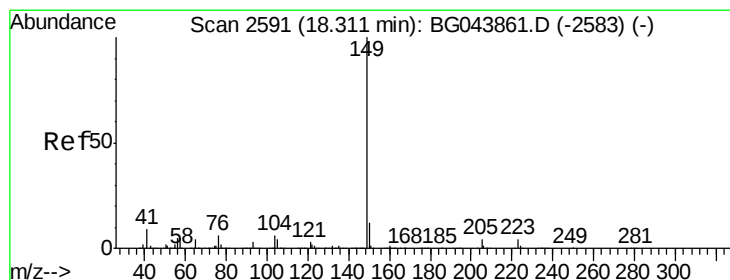
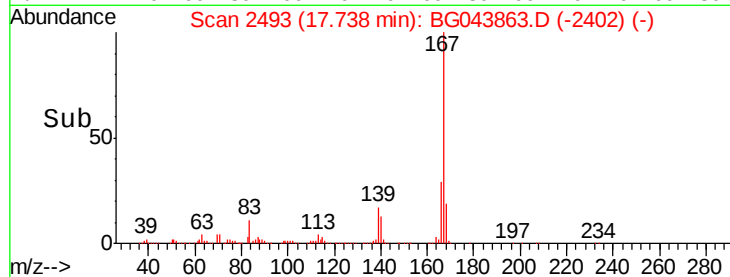
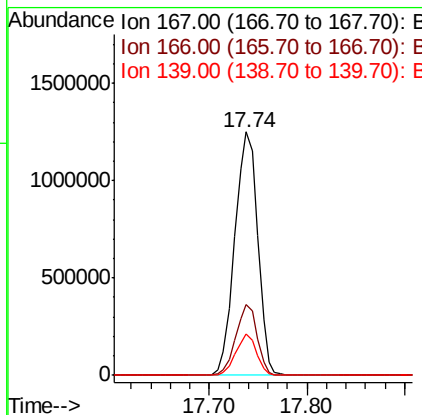
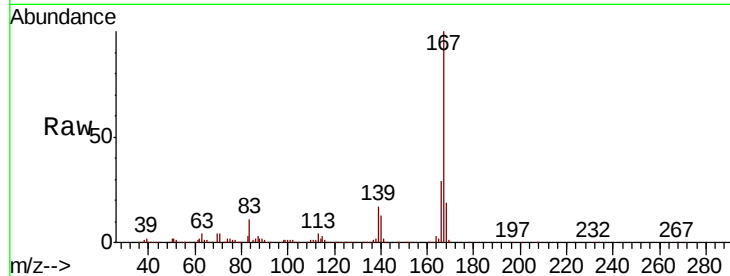




#73
 Carbazole
 Concen: 56.033 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG043863.D
 Acq: 30 Dec 2019 12:04

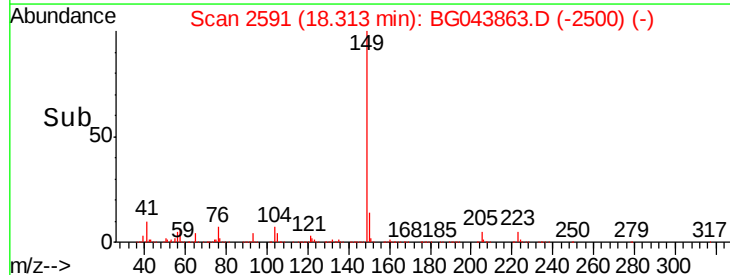
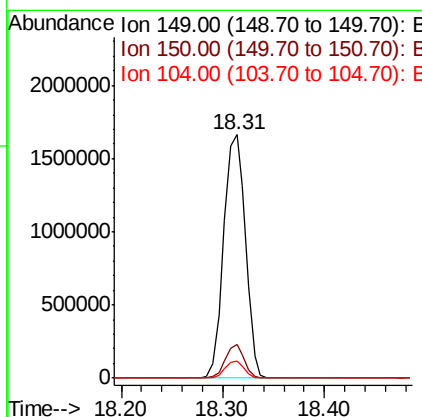
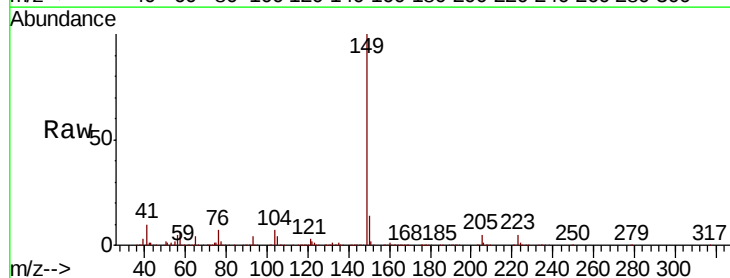
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tot Ion:167 Resp: 2041969
 Ion Ratio Lower Upper
 167 100
 166 29.3 21.6 32.4
 139 16.9 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 56.328 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG043863.D
 Acq: 30 Dec 2019 12:04

Tgt Ion:149 Resp: 2468664
 Ion Ratio Lower Upper
 149 100
 150 13.9 9.7 14.5
 104 7.2 5.0 7.4





#75

Fluoranthene

Concen: 56.285 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

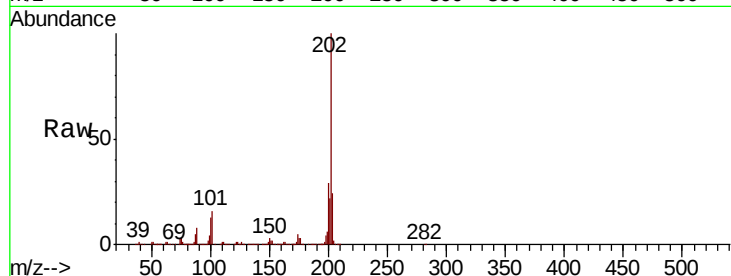
Tot Ion:202 Resp: 2442953

Ion Ratio Lower Upper

202 100

101 15.8 0.0 33.3

203 24.1 1.6 41.6

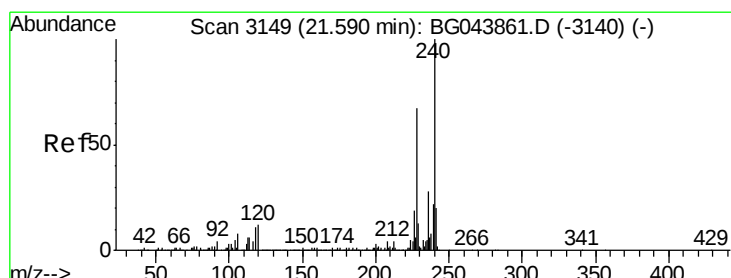
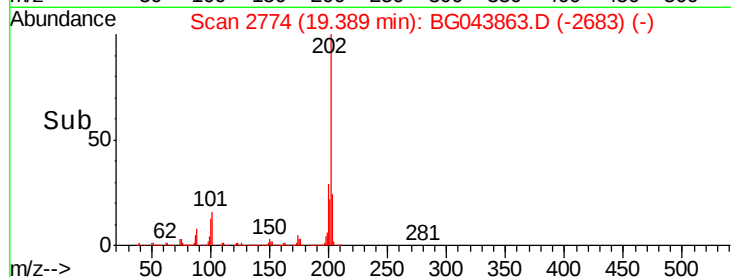
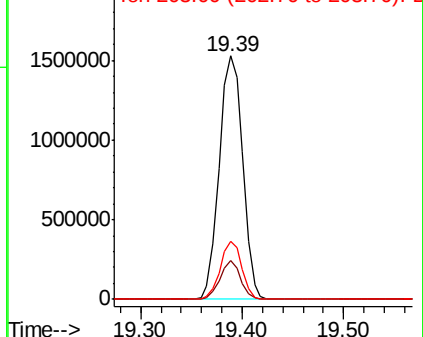


Abundance

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: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

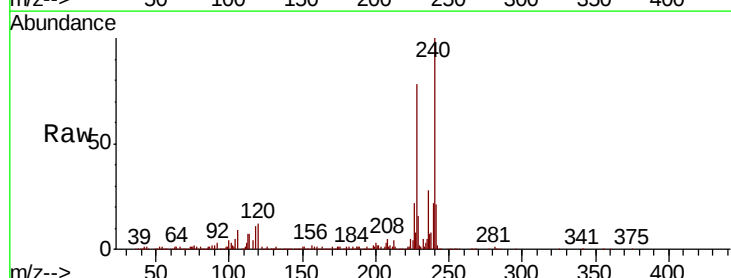
Tgt Ion:240 Resp: 704267

Ion Ratio Lower Upper

240 100

120 11.8 9.6 14.4

236 28.5 22.2 33.2

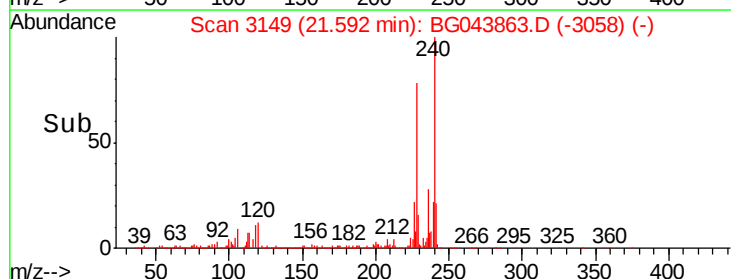
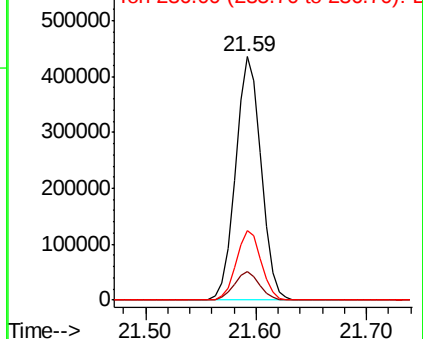


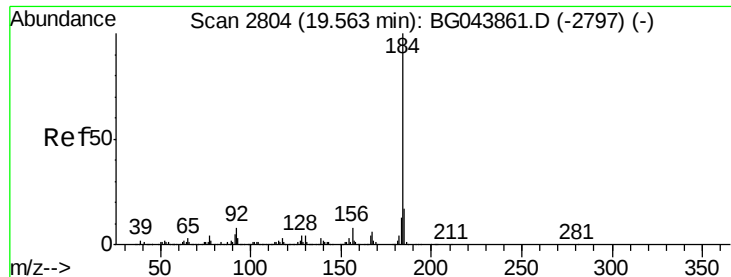
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 60.489 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

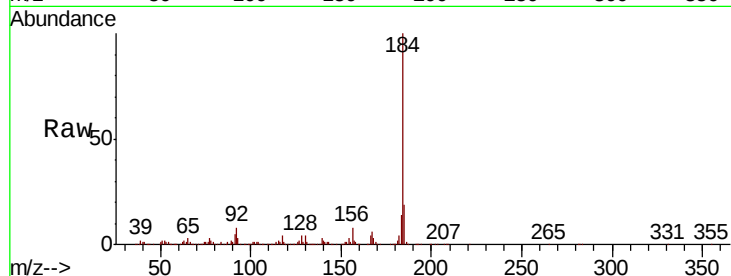
Tot Ion:184 Resp: 1137067

Ion	Ratio	Lower	Upper
184	100		
185	19.2	13.4	20.0
183	14.4	10.6	15.8

184 100

185 19.2 13.4 20.0

183 14.4 10.6 15.8

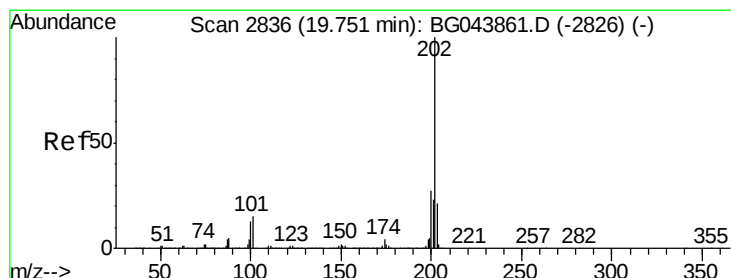
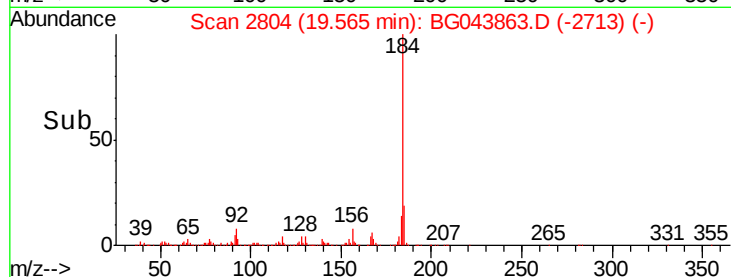
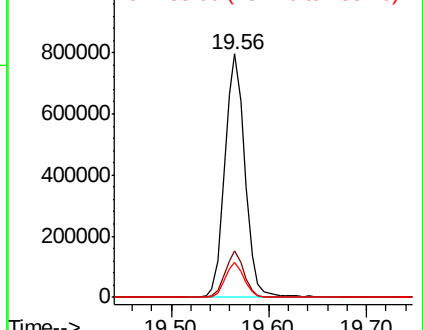


Abundance

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: 55.026 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

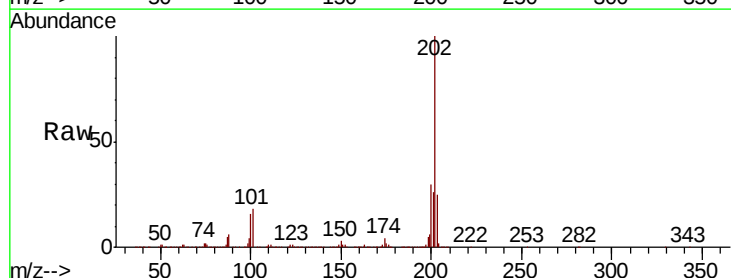
Tgt Ion:202 Resp: 2435517

Ion	Ratio	Lower	Upper
202	100		
200	29.5	21.7	32.5
203	24.6	17.0	25.6

202 100

200 29.5 21.7 32.5

203 24.6 17.0 25.6

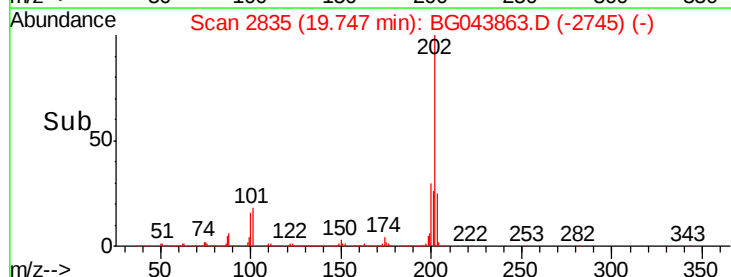
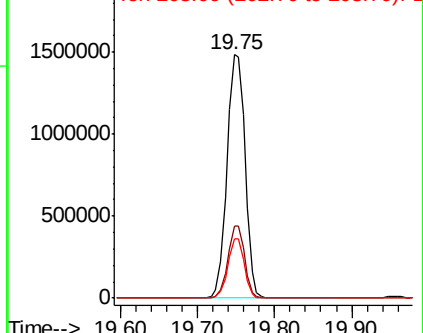


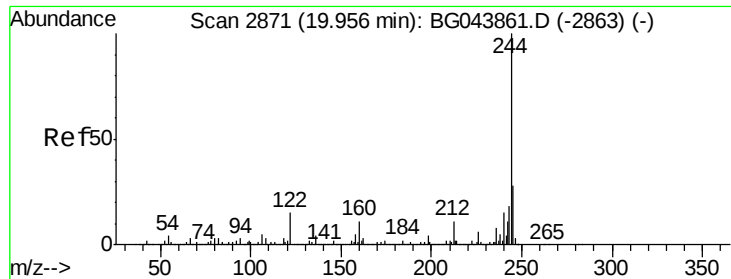
Abundance

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

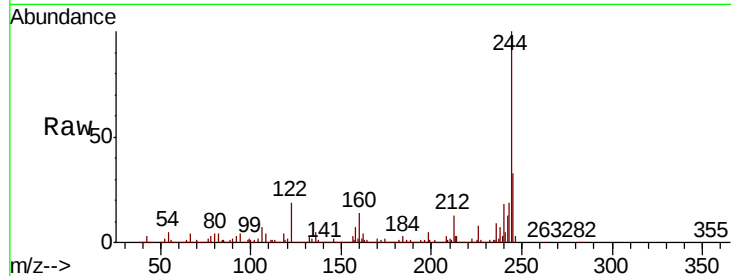




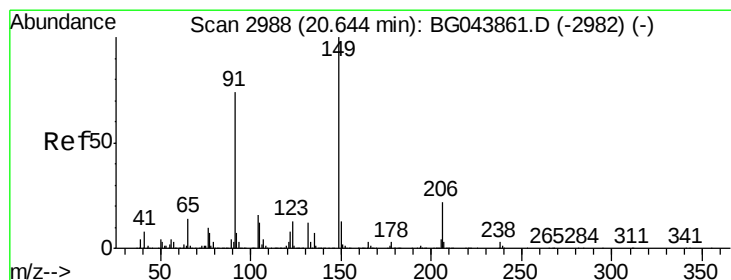
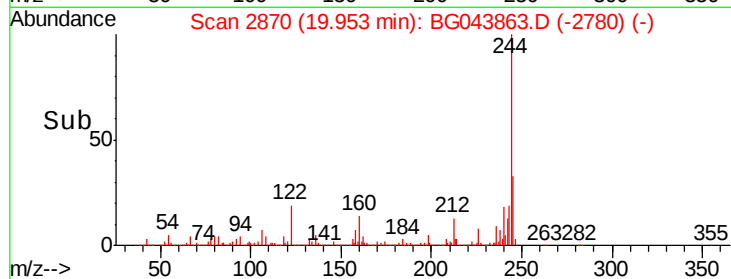
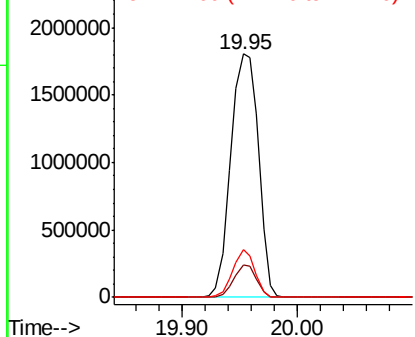
#79
 Terphenyl-d14
 Concen: 94.226 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: BG043863.D
 Acq: 30 Dec 2019 12:04

Instrument :
 BNA_G
 ClientSampleID :
 DFTPP

Tot Ion:244 Resp: 2984187
 Ion Ratio Lower Upper
 244 100
 212 13.4 8.6 13.0#
 122 19.4 11.9 17.9#

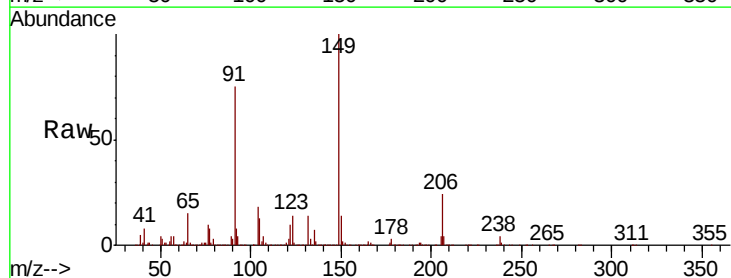


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

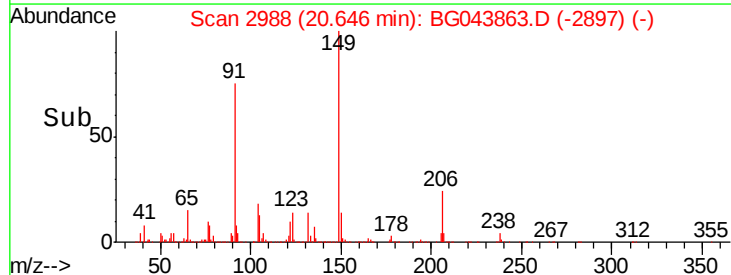
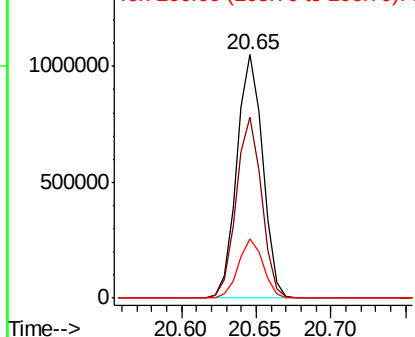


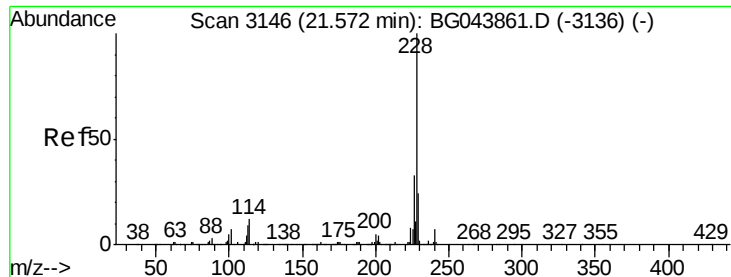
#80
 Butylbenzylphthalate
 Concen: 58.877 ng
 RT: 20.65 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: BG043863.D
 Acq: 30 Dec 2019 12:04

Tgt Ion:149 Resp: 1271516
 Ion Ratio Lower Upper
 149 100
 91 74.5 59.5 89.3
 206 24.2 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 55.583 ng

RT: 21.57 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

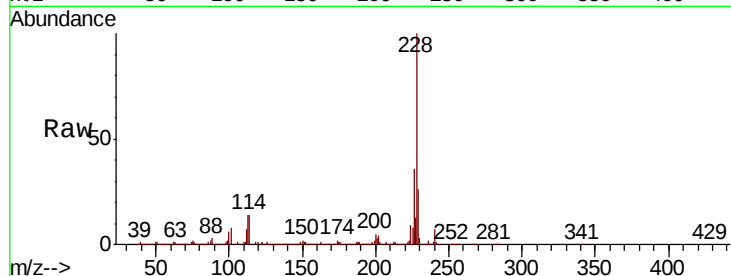
Tot Ion:228 Resp: 2426210

Ion Ratio Lower Upper

228 100

226 35.9 26.2 39.4

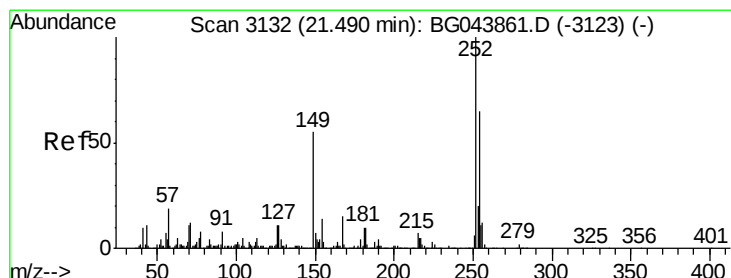
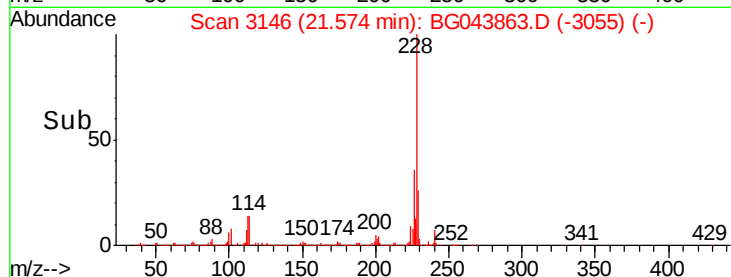
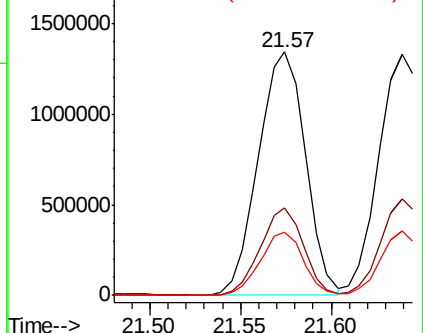
229 26.2 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 58.298 ng

RT: 21.49 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

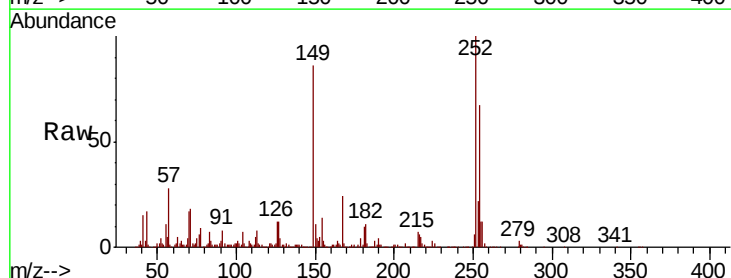
Tgt Ion:252 Resp: 1009747

Ion Ratio Lower Upper

252 100

254 66.8 52.1 78.1

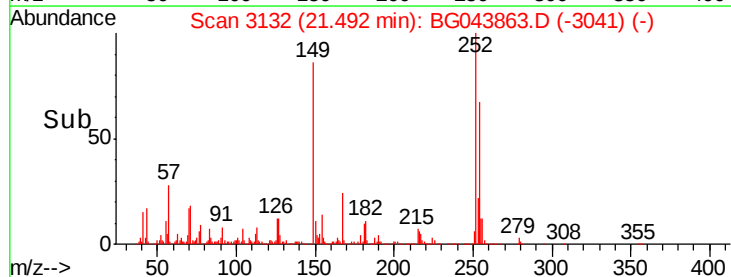
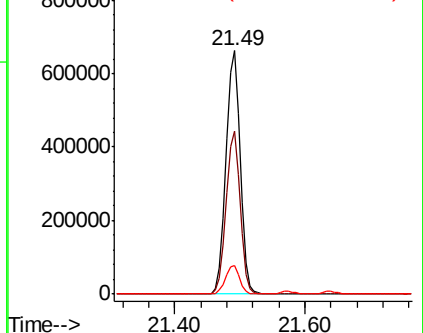
126 11.6 9.1 13.7

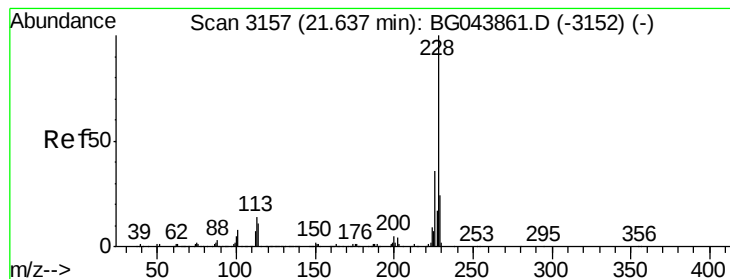


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 56.201 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

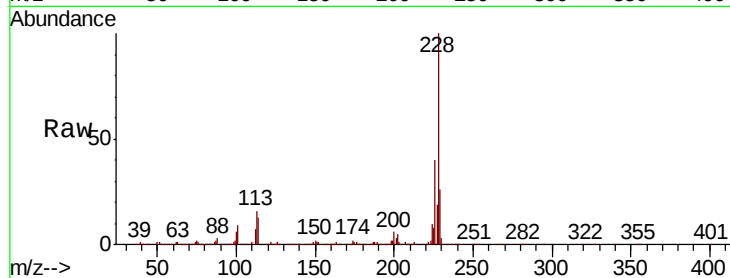
Tot Ion:228 Resp: 2333453

Ion Ratio Lower Upper

228 100

226 40.1 28.8 43.2

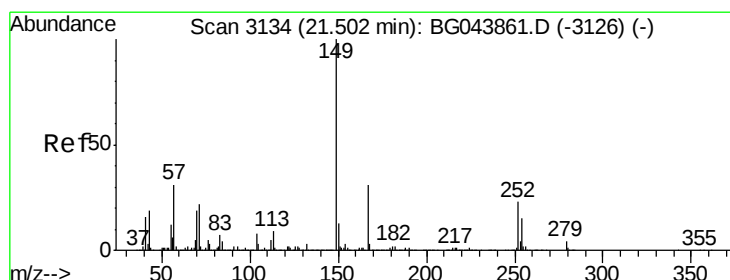
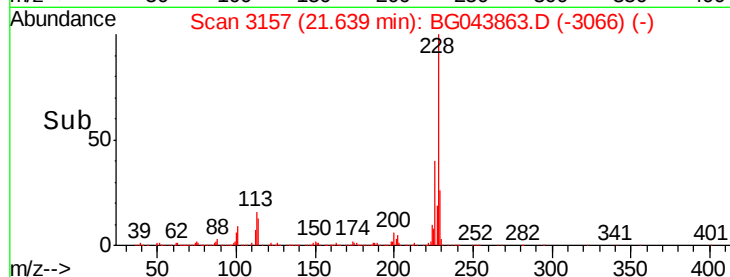
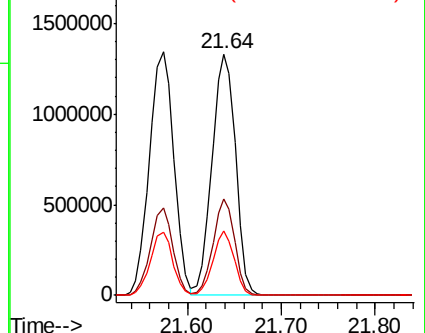
229 26.5 19.0 28.6



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: 57.315 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

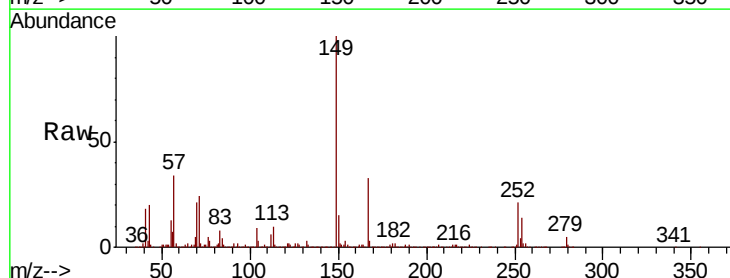
Tgt Ion:149 Resp: 1718130

Ion Ratio Lower Upper

149 100

167 33.4 24.7 37.1

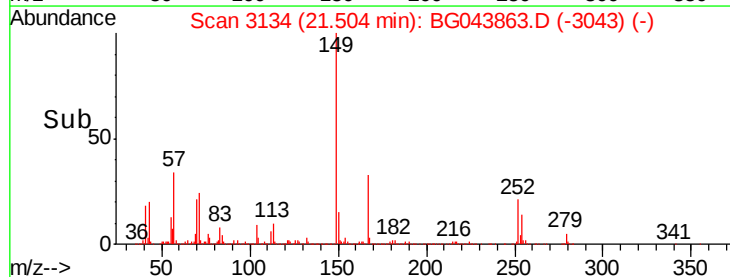
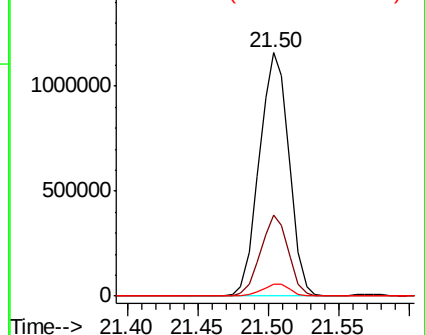
279 4.9 3.3 4.9



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

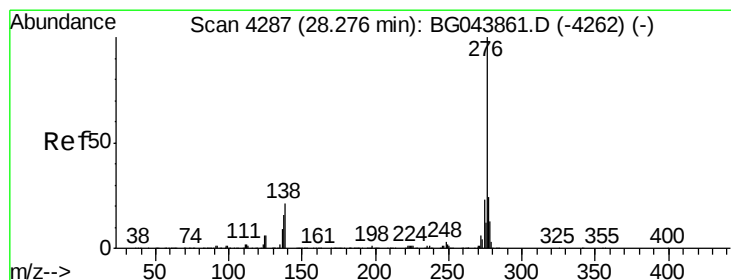
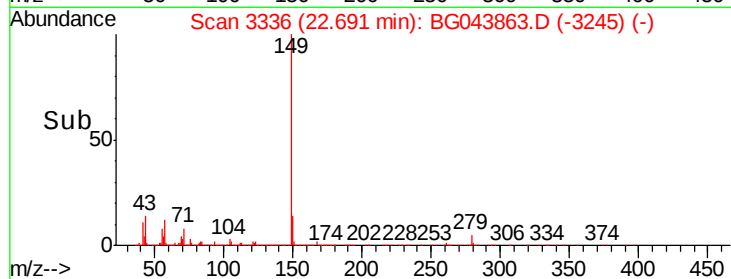
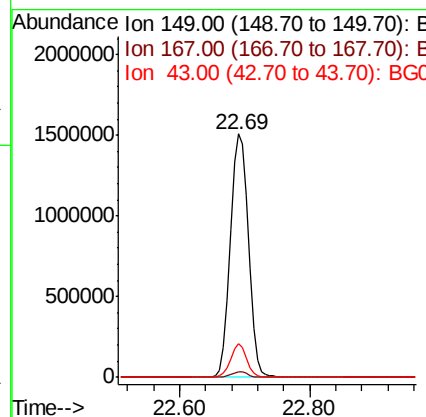
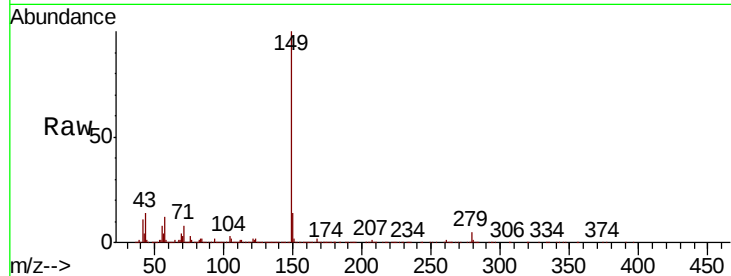




#85
Di-n-octyl phthalate
Concen: 57.556 ng
RT: 22.69 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

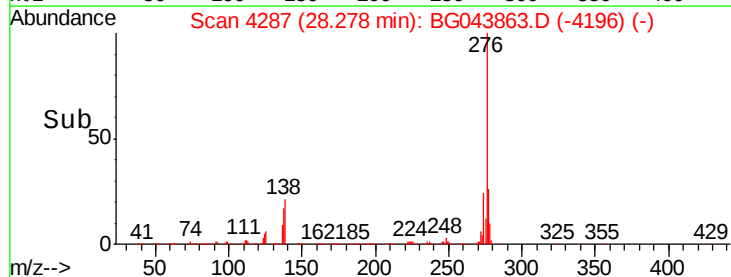
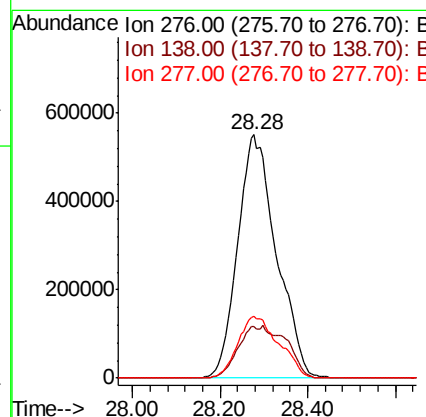
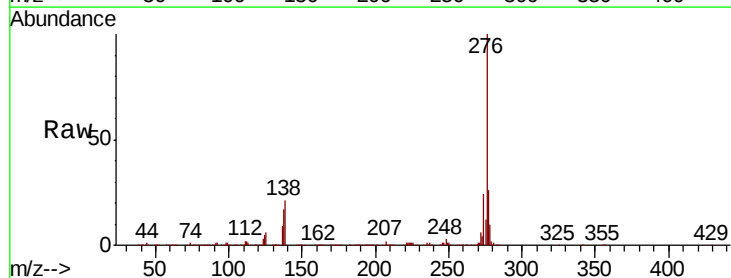
Instrument :
BNA_G
ClientSampleId :
DFTPP

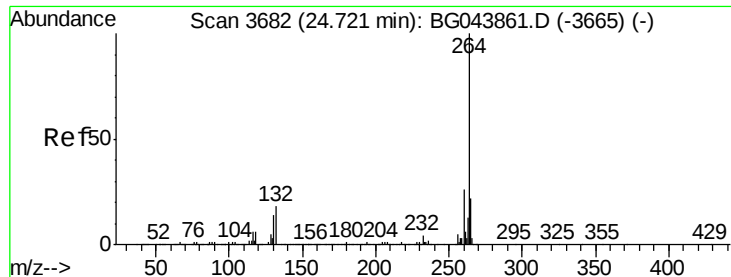
Tot Ion:149 Resp: 2901919
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 12.1 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 58.509 ng
RT: 28.28 min Scan# 4287
Delta R.T. 0.00 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Tgt Ion:276 Resp: 3310400
Ion Ratio Lower Upper
276 100
138 11.0 21.0 31.4#
277 27.0 21.1 31.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.72 min Scan# 3682

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

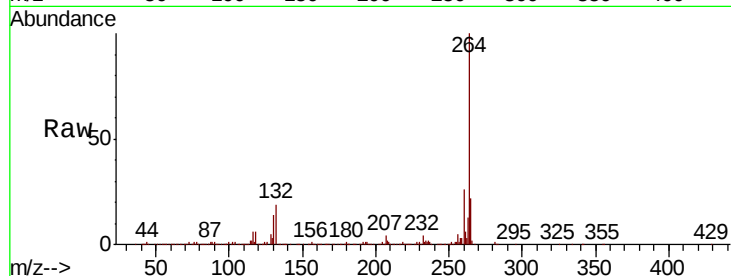
Tot Ion:264 Resp: 814764

Ion Ratio Lower Upper

264 100

260 25.9 20.4 30.6

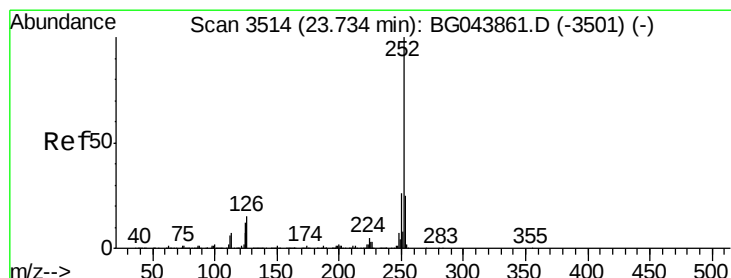
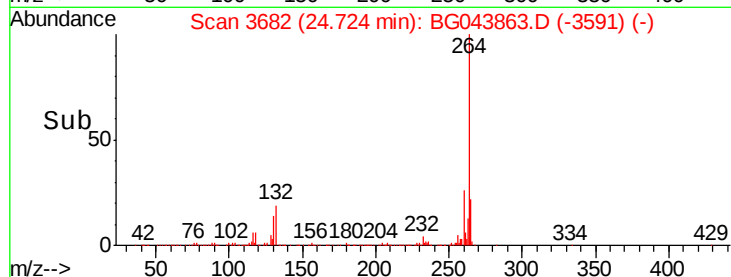
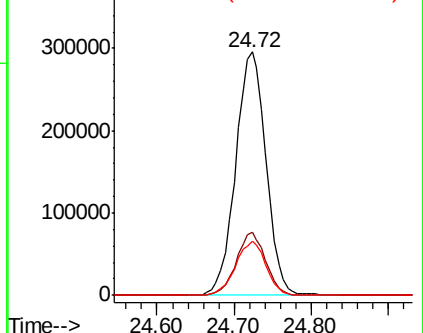
265 22.2 17.4 26.2



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: 58.013 ng

RT: 23.74 min Scan# 3514

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

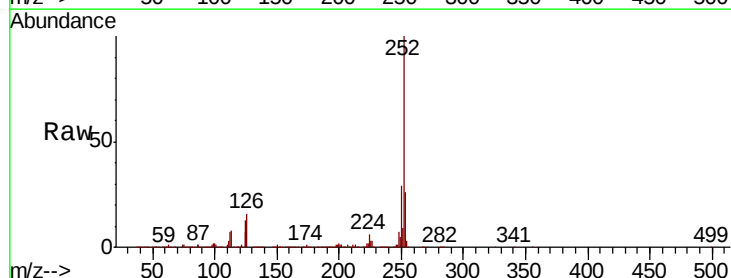
Tgt Ion:252 Resp: 2775021

Ion Ratio Lower Upper

252 100

253 26.5 19.7 29.5

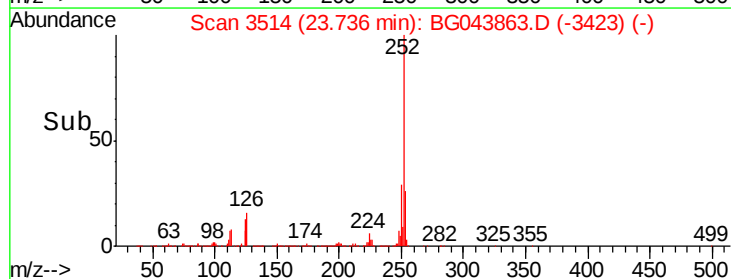
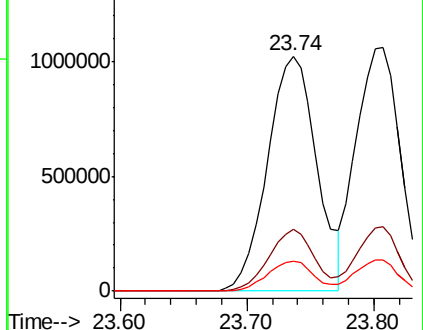
125 12.6 9.4 14.2

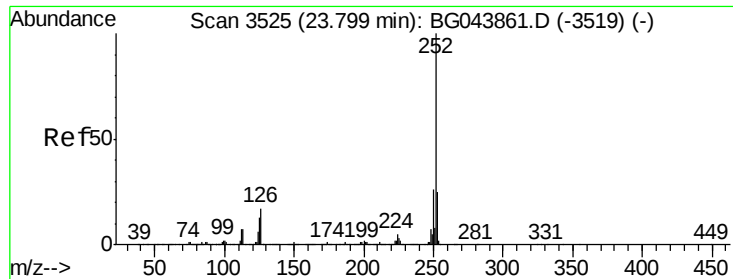


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 55.874 ng

RT: 23.81 min Scan# 3526

Delta R.T. 0.01 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

Instrument :

BNA_G

ClientSampleId :

DFTPP

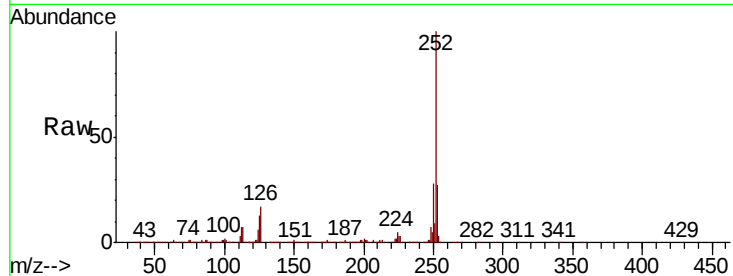
Tot Ion:252 Resp: 2563643

Ion Ratio Lower Upper

252 100

253 26.6 19.4 29.2

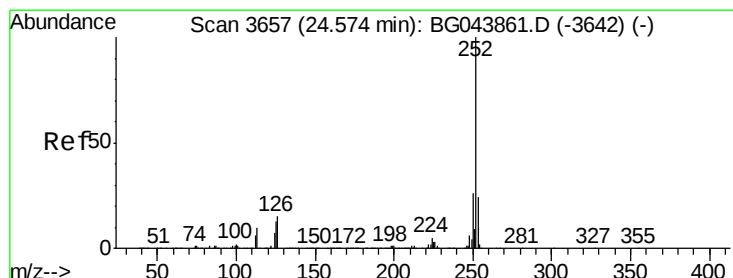
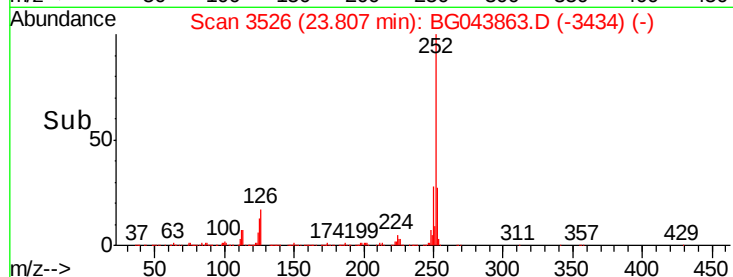
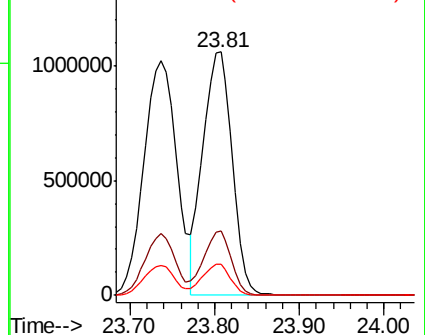
125 13.0 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 57.561 ng

RT: 24.58 min Scan# 3657

Delta R.T. 0.00 min

Lab File: BG043863.D

Acq: 30 Dec 2019 12:04

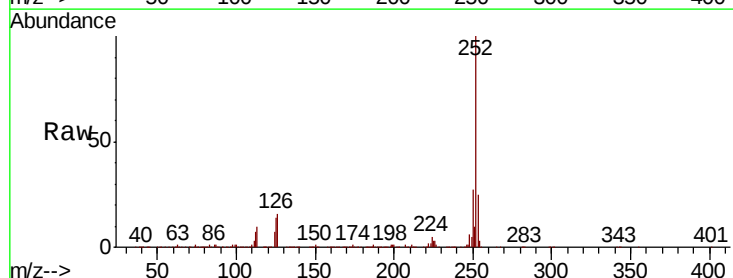
Tgt Ion:252 Resp: 2605294

Ion Ratio Lower Upper

252 100

253 24.9 19.3 28.9

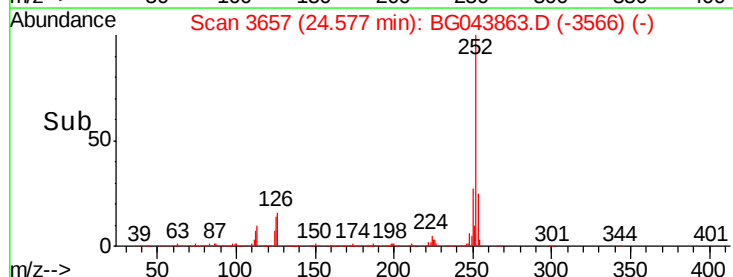
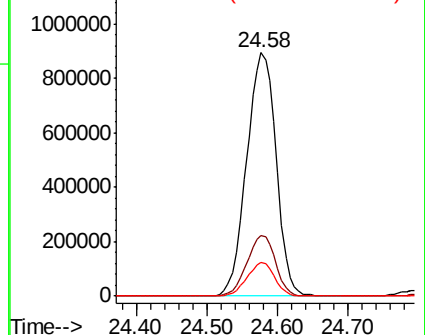
125 13.6 10.4 15.6

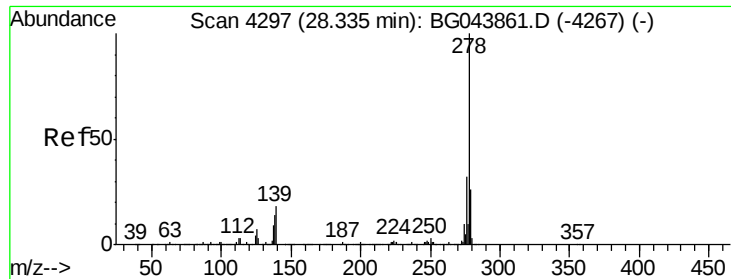


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

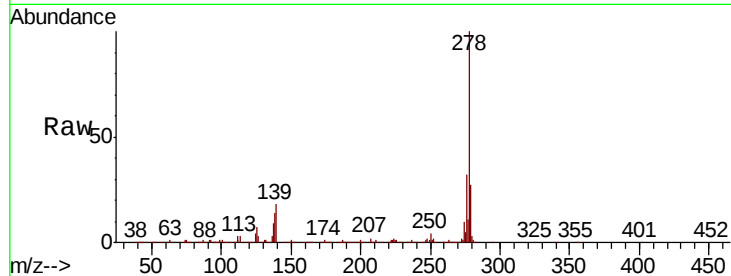




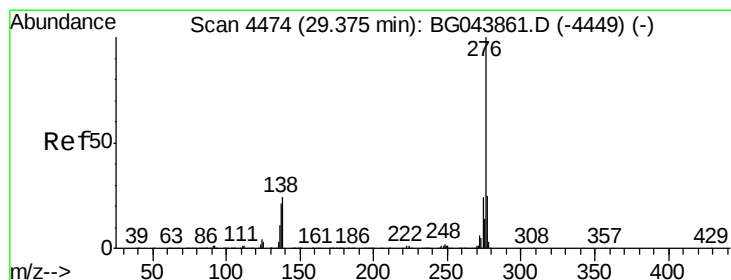
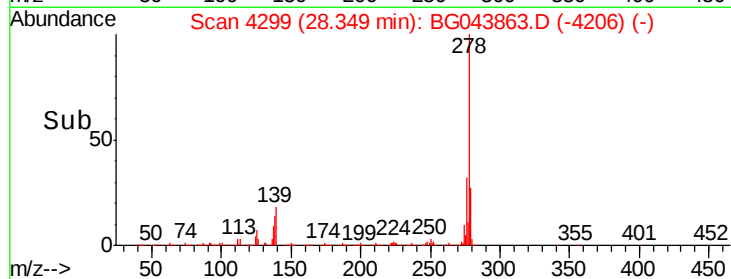
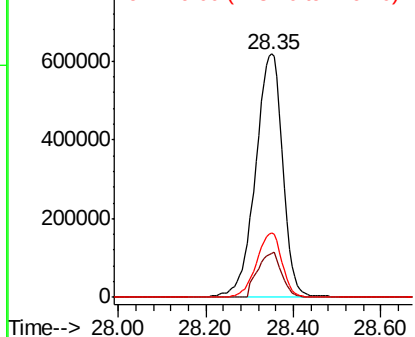
#91
Dibenzo(a,h)anthracene
Concen: 57.675 ng
RT: 28.35 min Scan# 4299
Delta R.T. 0.01 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion:278 Resp: 2640671
Ion Ratio Lower Upper
278 100
139 18.0 14.2 21.4
279 26.5 20.6 30.8

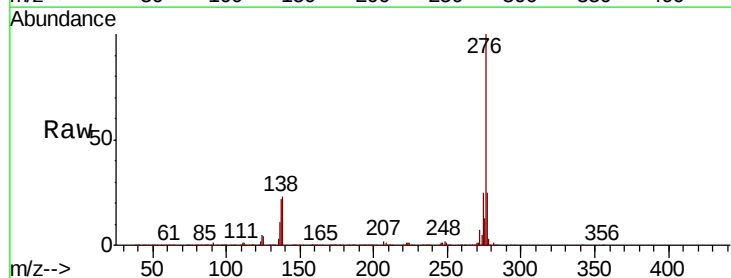


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 58.030 ng
RT: 29.39 min Scan# 4477
Delta R.T. 0.02 min
Lab File: BG043863.D
Acq: 30 Dec 2019 12:04

Tgt Ion:276 Resp: 2625939
Ion Ratio Lower Upper
276 100
277 24.8 20.2 30.4
138 23.1 19.0 28.6



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

