

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100719\
 Data File : BG043078.D
 Acq On : 7 Oct 2019 21:44
 Operator : JU
 Sample : PB123704BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

Quant Time: Oct 08 01:49:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51421	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	211138	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	166453	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	416346	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	425927	20.00	ng	-0.02
87) Perylene-d12	24.91	264	503617	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	294462	102.20	ng	-0.02
7) Phenol-d6	7.23	99	294439	70.96	ng	-0.01
23) Nitrobenzene-d5	9.22	82	376347	86.64	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	430683	150.47	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1003009	87.36	ng	-0.02
79) Terphenyl-d14	20.03	244	2025808	101.35	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	31257	26.019	ng	93
3) Pyridine	3.94	79	69591	20.596	ng	89
4) n-Nitrosodimethylamine	3.85	42	44914	27.642	ng	# 78
6) Aniline	7.39	93	99749	19.915	ng	96
8) 2-Chlorophenol	7.63	128	155510	51.753	ng	99
9) Benzaldehyde	7.20	77	16524	6.517	ng	96
10) Phenol	7.26	94	106994	28.106	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	149927	50.901	ng	94
12) 1,3-Dichlorobenzene	7.95	146	149898	39.105	ng	94
13) 1,4-Dichlorobenzene	8.09	146	158074	41.367	ng	98
14) 1,2-Dichlorobenzene	8.41	146	152315	41.867	ng	93
15) Benzyl Alcohol	8.30	79	89261	28.613	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	191258	33.811	ng	93
17) 2-Methylphenol	8.51	107	132009	49.559	ng	96
18) Hexachloroethane	9.14	117	55565	38.610	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	126391	46.390	ng	# 91
20) 3+4-Methylphenols	8.83	107	168055	46.038	ng	98
22) Acetophenone	8.88	105	242003	44.466	ng	# 95
24) Nitrobenzene	9.26	77	184093	44.430	ng	95
25) Isophorone	9.78	82	365526	47.905	ng	98
26) 2-Nitrophenol	9.97	139	94731	53.706	ng	96
27) 2,4-Dimethylphenol	10.03	122	159587	58.914	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	199213	46.016	ng	98
29) 2,4-Dichlorophenol	10.52	162	185116	54.948	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	187600	43.121	ng	97
31) Naphthalene	10.91	128	475579	45.757	ng	100
32) Benzoic acid	10.14	122	28991	17.121	ng	90
34) Hexachlorobutadiene	11.20	225	129016	39.606	ng	98
35) Caprolactam	11.80	113	11071	9.319	ng	# 71
36) 4-Chloro-3-methylphenol	12.15	107	203731	55.619	ng	96
37) 2-Methylnaphthalene	12.51	142	385069	48.565	ng	98
38) 1-Methylnaphthalene	12.73	142	367704	49.010	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	253780	40.550	ng	99
41) Hexachlorocyclopentadiene	12.86	237	351705	88.199	ng	96

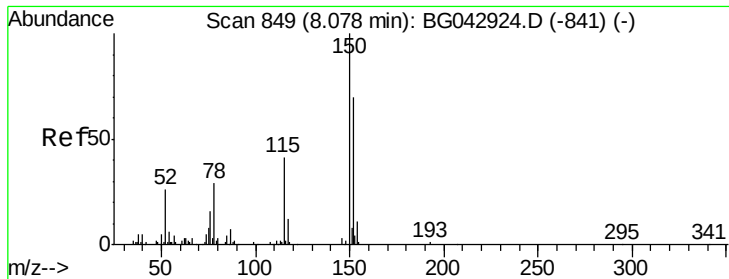
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.12	196	180001	49.139	nq	96
44) 2,4,5-Trichlorophenol	13.20	196	193363	51.241	nq	97
46) 1,1'-Biphenyl	13.51	154	548553	43.457	nq	99
47) 2-Chloronaphthalene	13.56	162	424178	44.820	nq	97
48) 2-Nitroaniline	13.76	65	143651	45.644	nq	93
49) Acenaphthylene	14.41	152	699801	48.324	nq	98
50) Dimethylphthalate	14.14	163	784446	62.898	nq	98
51) 2,6-Dinitrotoluene	14.25	165	137888	51.917	nq	91
52) Acenaphthene	14.75	154	437393	45.124	nq	99
53) 3-Nitroaniline	14.59	138	60541	22.057	nq	92
54) 2,4-Dinitrophenol	14.79	184	173268	104.955	nq	93
55) Dibenzofuran	15.08	168	697714	48.659	nq	99
56) 4-Nitrophenol	14.91	139	121573	58.132	nq	95
57) 2,4-Dinitrotoluene	15.03	165	201167	51.722	nq	# 94
58) Fluorene	15.73	166	603949	49.335	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	192231	47.844	nq	92
60) Diethylphthalate	15.49	149	612263	48.238	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	349829	47.649	nq	98
62) 4-Nitroaniline	15.75	138	132038	44.108	nq	99
63) Azobenzene	16.01	77	529164	45.793	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	136359	57.878	nq	95
66) n-Nitrosodiphenylamine	15.93	169	531802	48.385	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	251645	48.157	nq	97
68) Hexachlorobenzene	16.73	284	276842	47.581	nq	98
69) Atrazine	16.88	200	122165	26.395	nq	94
70) Pentachlorophenol	17.08	266	338663	100.874	nq	98
71) Phenanthrene	17.47	178	972180	47.829	nq	98
72) Anthracene	17.55	178	1000900	49.325	nq	98
73) Carbazole	17.83	167	903045	47.991	nq	100
74) Di-n-butylphthalate	18.38	149	1064092	47.396	nq	99
75) Fluoranthene	19.47	202	1257193	46.762	nq	100
77) Benzidine	19.71	184	43767	4.104	nq	# 94
78) Pyrene	19.83	202	1278699	50.299	nq	100
80) Butylbenzylphthalate	20.72	149	480998	49.847	nq	96
81) Benzo(a)anthracene	21.67	228	1270693	47.880	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	206489	19.838	nq	98
83) Chrysene	21.74	228	1256682	48.795	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	680771	49.580	nq	99
85) Di-n-octyl phthalate	22.79	149	1144668	50.982	nq	96
86) Indeno(1,2,3-cd)pyrene	28.58	276	1659796	51.769	nq	# 97
88) Benzo(b)fluoranthene	23.89	252	1384011	48.569	nq	99
89) Benzo(k)fluoranthene	23.96	252	1330134	47.184	nq	99
90) Benzo(a)pyrene	24.76	252	1350323	50.226	nq	100
91) Dibenzo(a,h)anthracene	28.64	278	1385814	50.268	nq	99
92) Benzo(g,h,i)perylene	29.72	276	1362144	50.995	nq	94

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

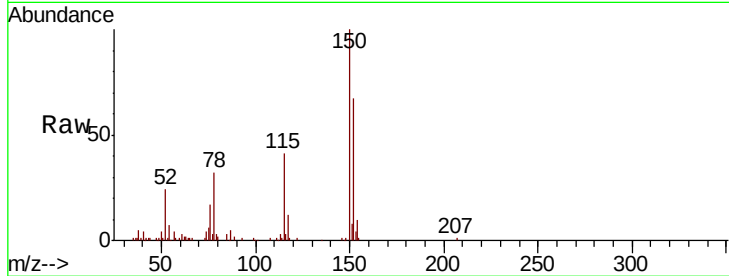


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tot Ion	152	Resp	51421
Ion Ratio	100	Lower	Upper
150	149.0	115.0	172.4
115	61.7	47.0	70.6

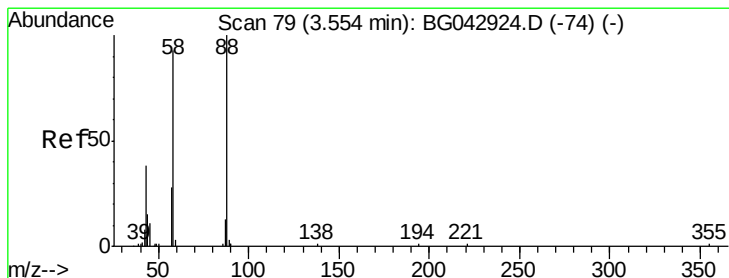
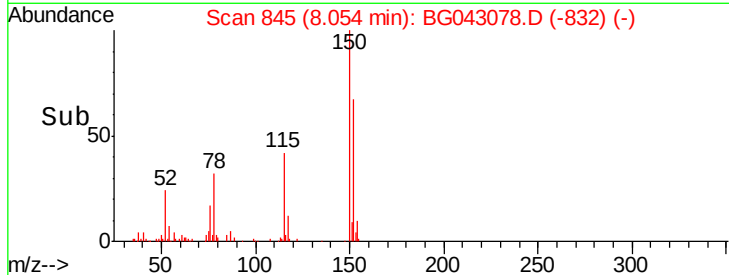
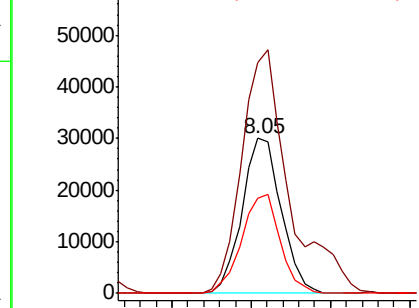


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

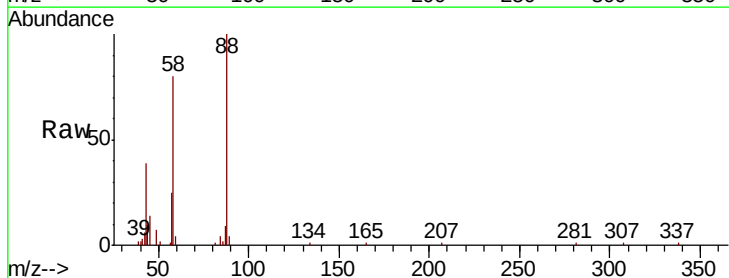
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.019 ng
RT: 3.53 min Scan# 75
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	88	Resp	31257
Ion Ratio	100	Lower	Upper
58	83.6	74.3	111.5
43	37.0	29.8	44.8

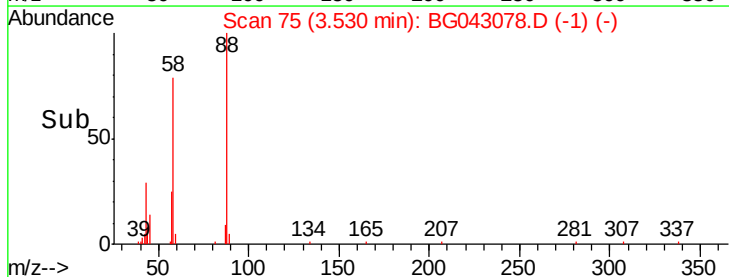
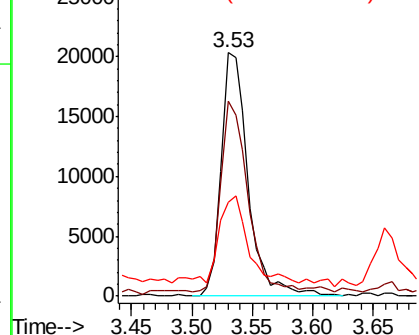


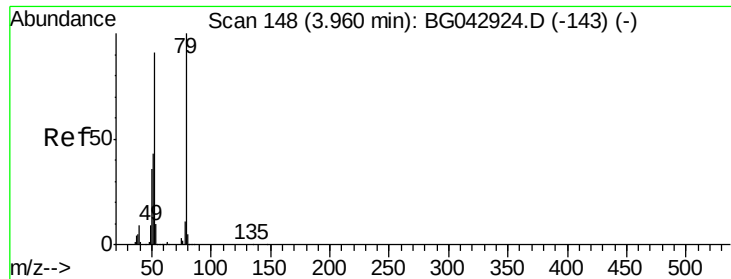
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 20.596 ng

RT: 3.94 min Scan# 144

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

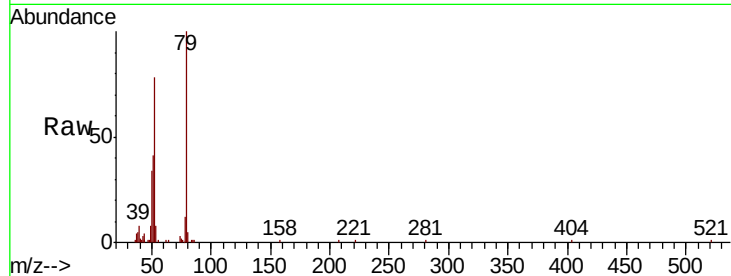
Tot Ion: 79 Resp: 69591

Ion Ratio Lower Upper

79 100

52 77.9 73.0 109.4

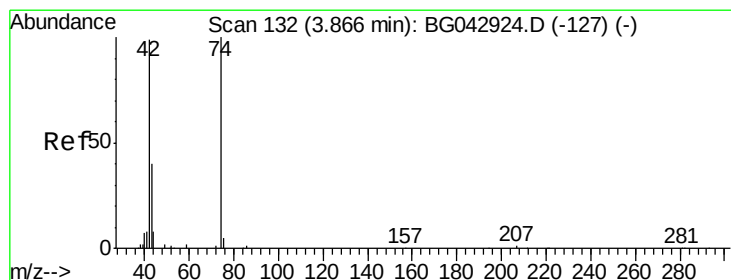
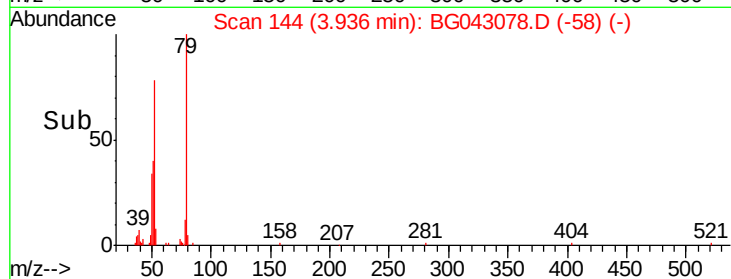
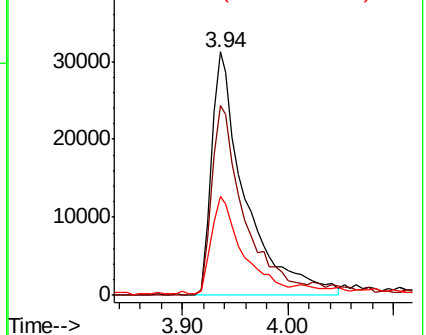
51 40.9 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 27.642 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

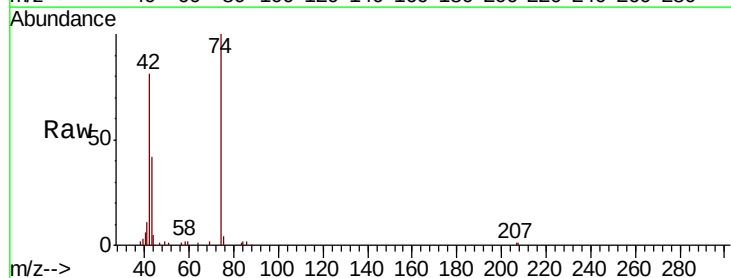
Tgt Ion: 42 Resp: 44914

Ion Ratio Lower Upper

42 100

74 123.7 80.5 120.7#

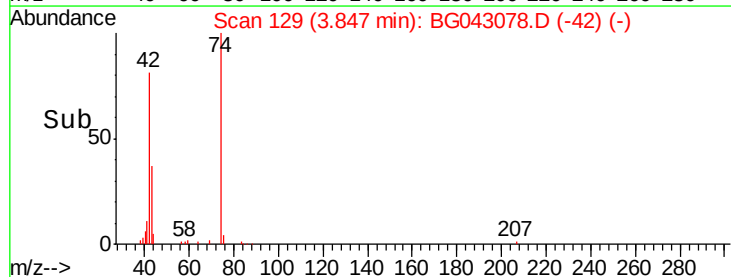
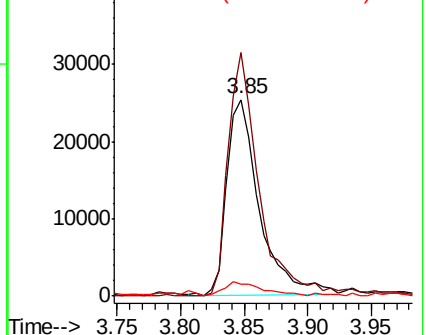
44 6.2 6.9 10.3#

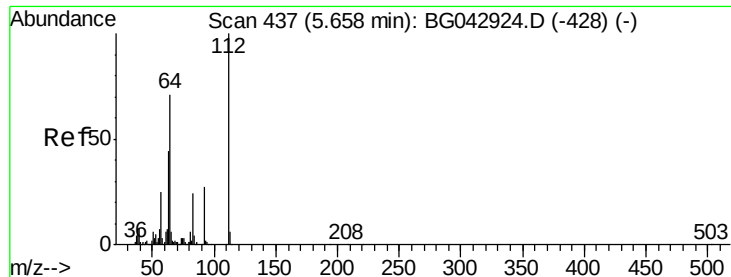


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 102.196 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

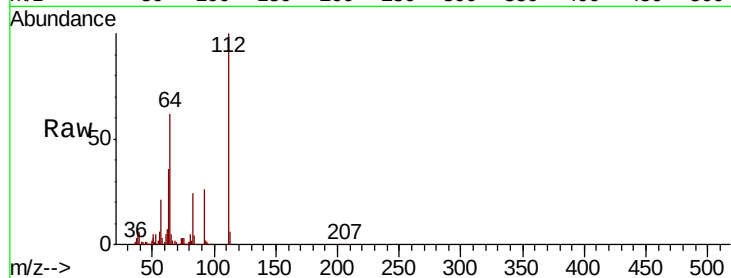
Tot Ion:112 Resp: 294462

Ion Ratio Lower Upper

112 100

64 62.1 56.6 84.8

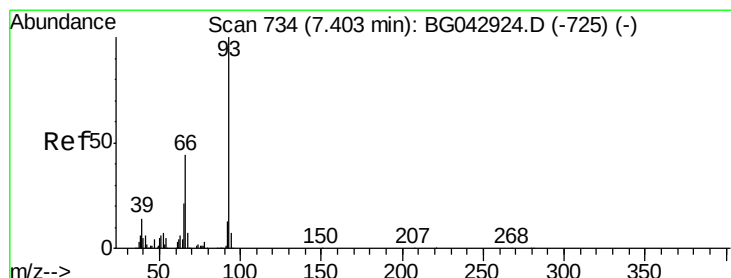
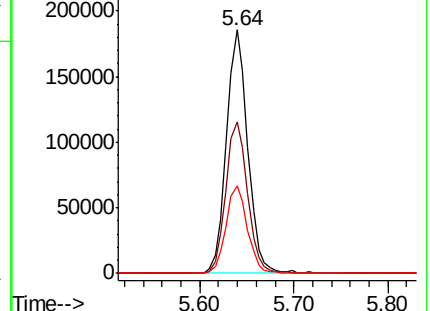
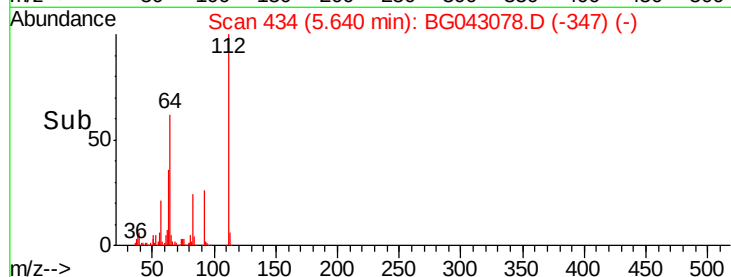
63 35.8 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.915 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

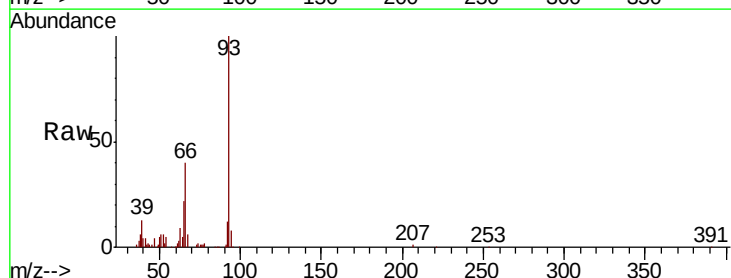
Tgt Ion: 93 Resp: 99749

Ion Ratio Lower Upper

93 100

66 39.6 35.0 52.6

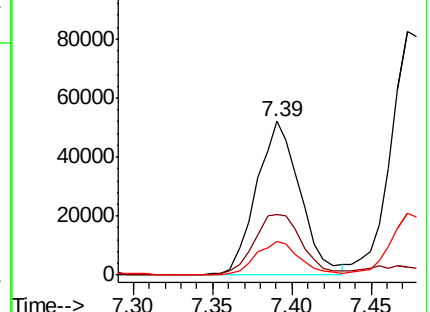
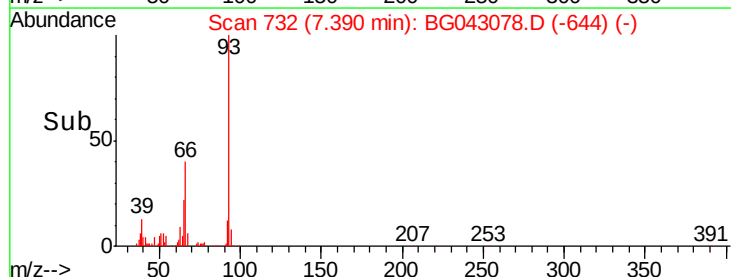
65 21.7 17.4 26.0

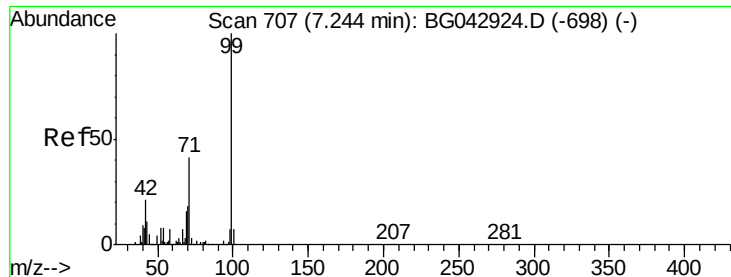


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 70.961 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

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ClientSampleId :

PB123704BS

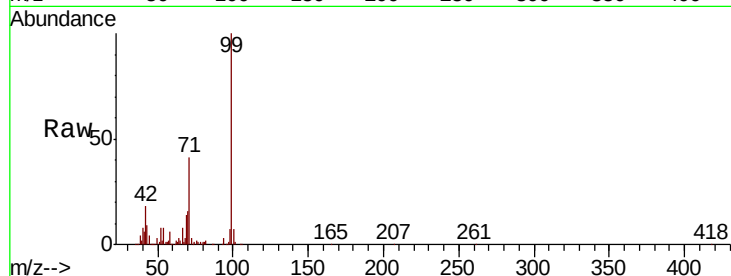
Tot Ion: 99 Resp: 294439

Ion Ratio Lower Upper

99 100

42 18.4 17.2 25.8

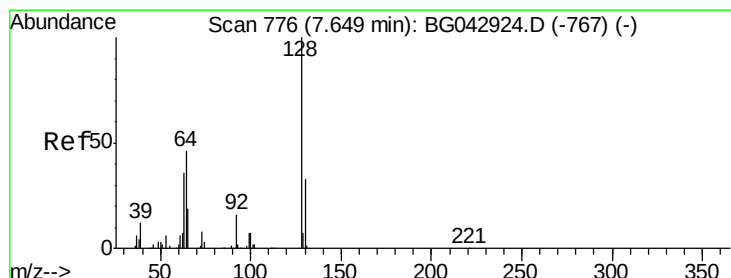
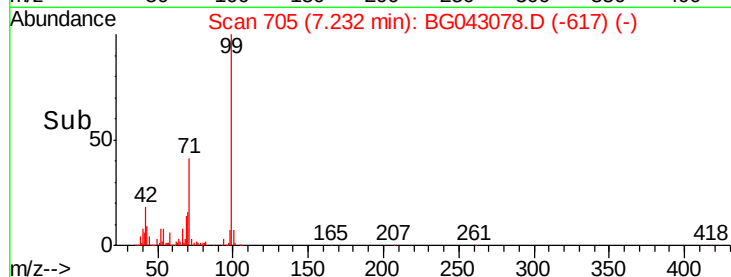
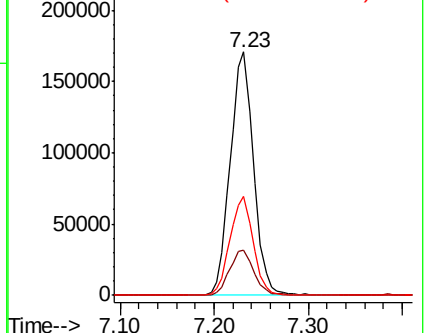
71 40.7 33.1 49.7



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 51.753 ng

RT: 7.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

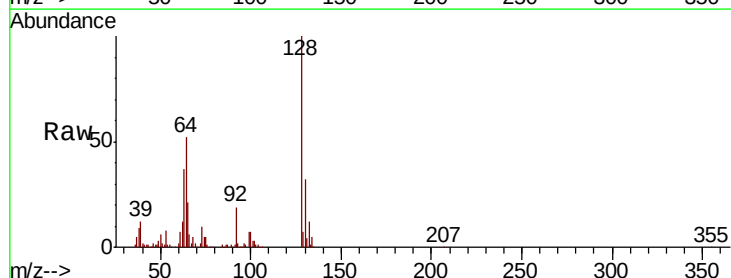
Tgt Ion:128 Resp: 155510

Ion Ratio Lower Upper

128 100

130 32.0 12.5 52.5

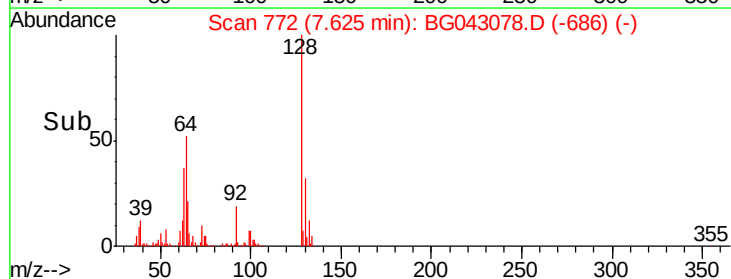
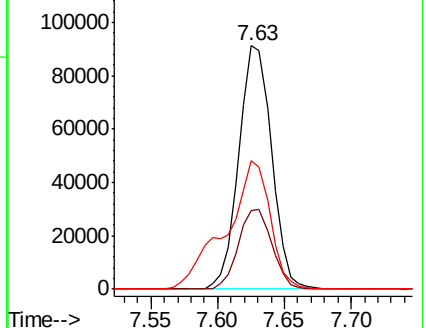
64 52.5 32.8 72.8

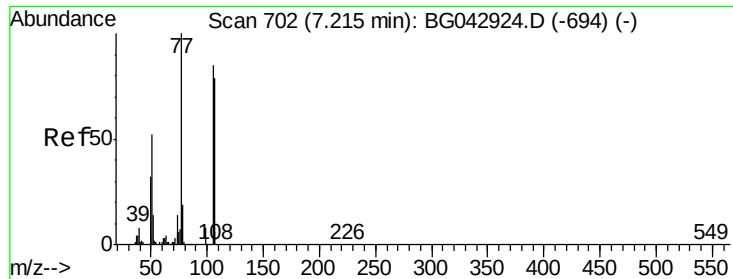


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 6.517 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

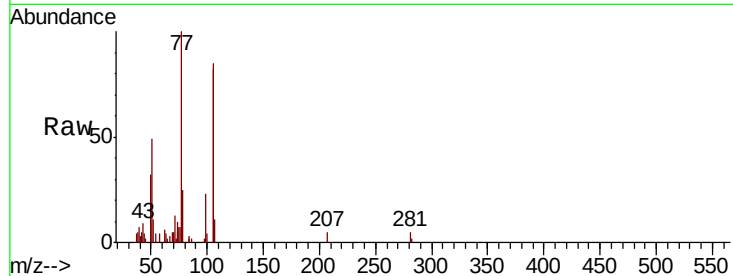
Tot Ion: 77 Resp: 16524

Ion Ratio Lower Upper

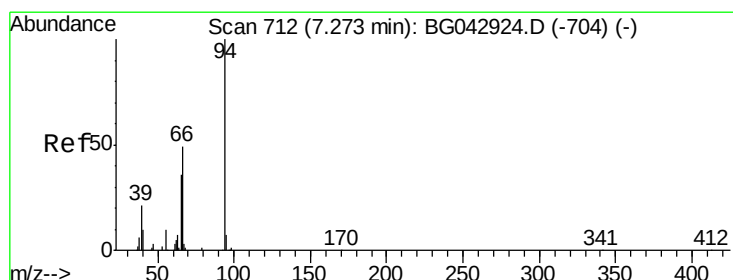
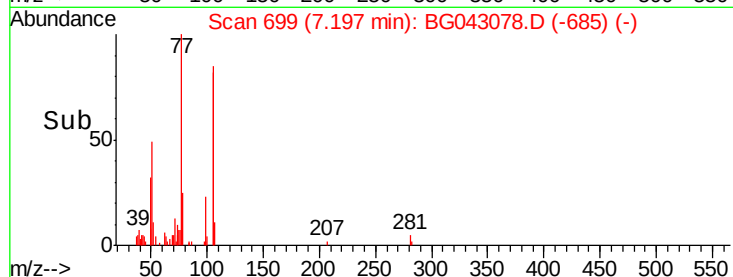
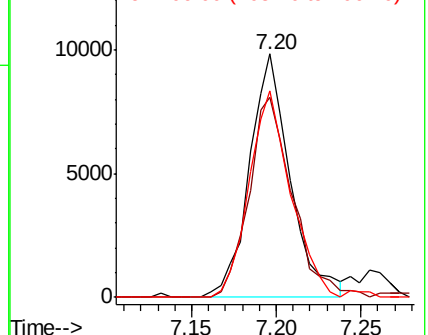
77 100

105 82.4 64.6 104.6

106 84.9 59.4 99.4



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



#10

Phenol

Concen: 28.106 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

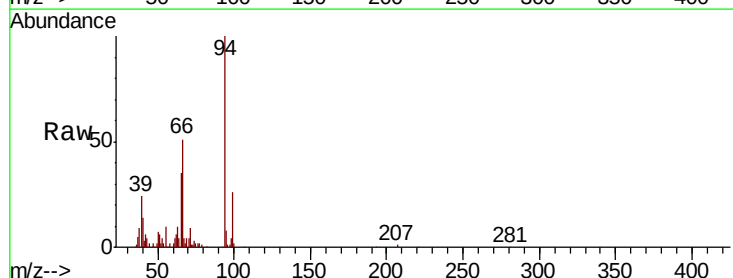
Tgt Ion: 94 Resp: 106994

Ion Ratio Lower Upper

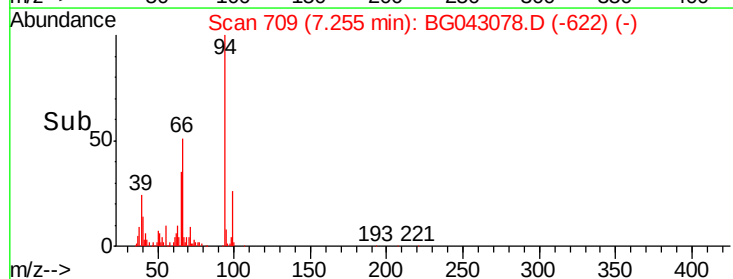
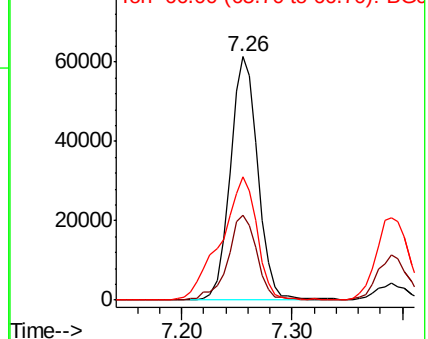
94 100

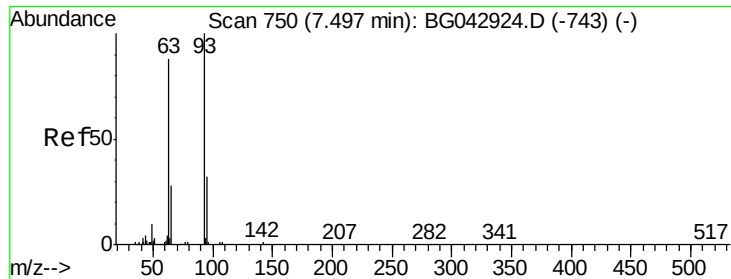
65 35.0 16.6 56.6

66 50.7 32.4 72.4



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

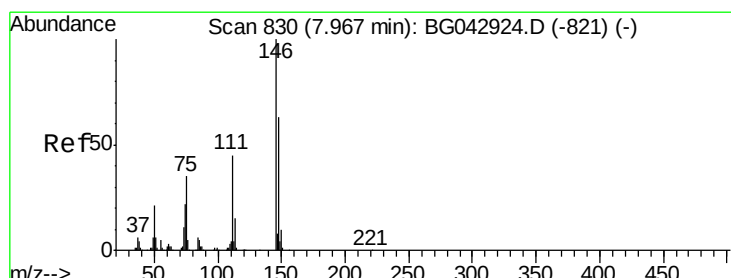
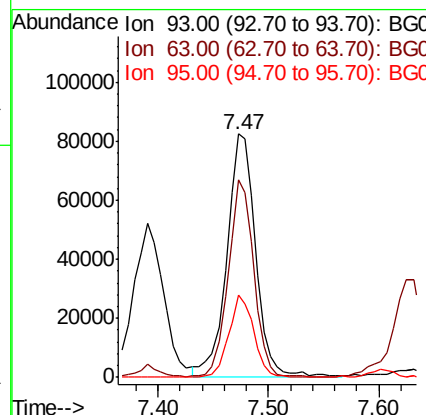
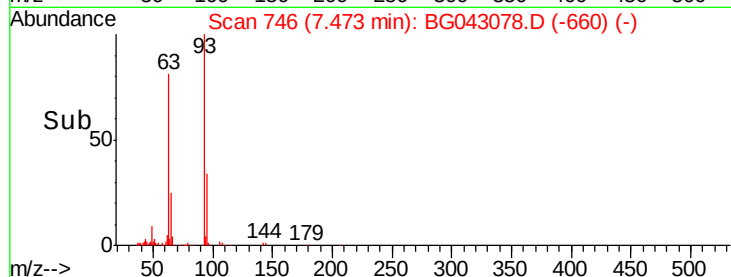
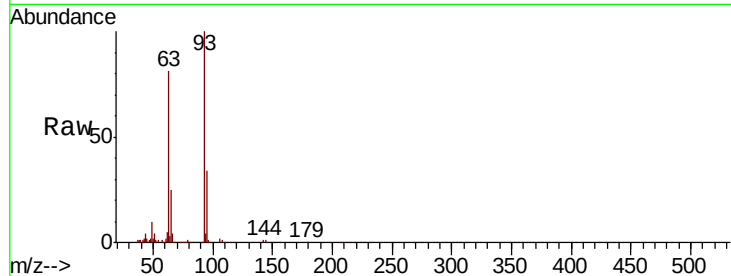




#11
bis(2-Chloroethyl)ether
Concen: 50.901 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

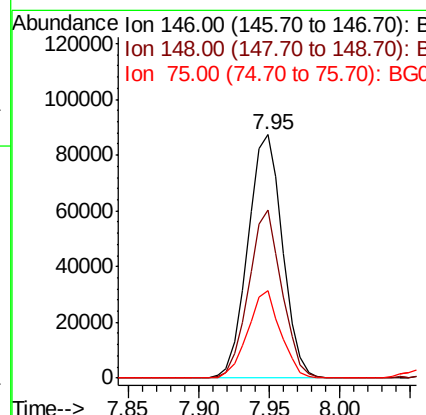
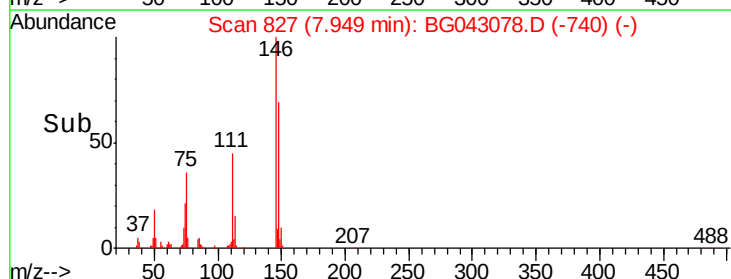
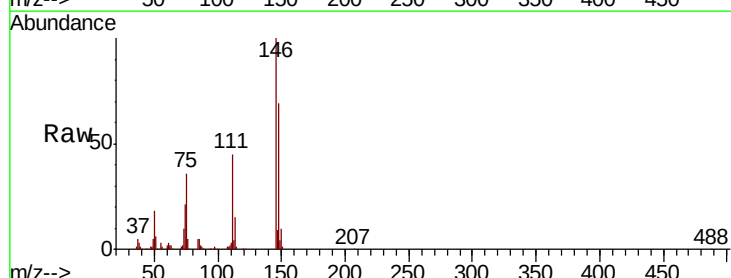
Instrument :
BNA_G
ClientSampleId :
PB123704BS

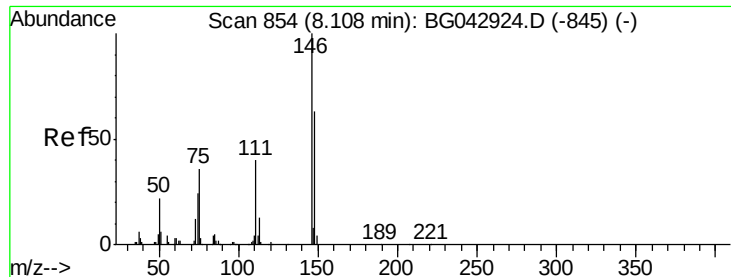
Tot Ion	93	Resp	149927
Ion Ratio	Lower	Upper	
93	100		
63	81.3	67.4	107.4
95	33.9	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 39.105 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	146	Resp	149898
Ion Ratio	Lower	Upper	
146	100		
148	69.1	50.7	76.1
75	36.2	27.7	41.5

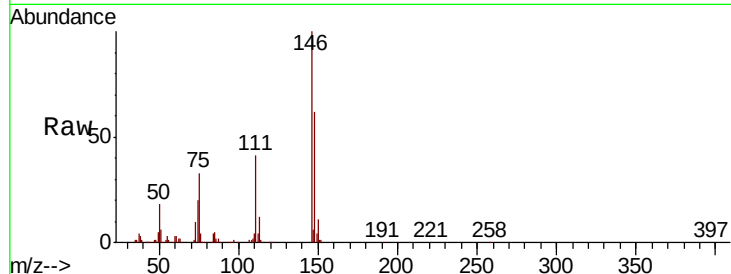




#13
 1,4-Dichlorobenzene
 Concen: 41.367 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.9	76.3
111	40.9	31.8	47.8

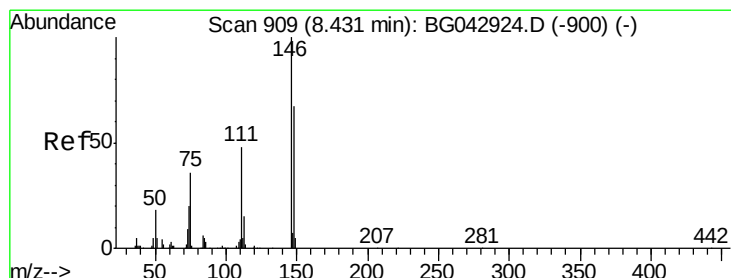
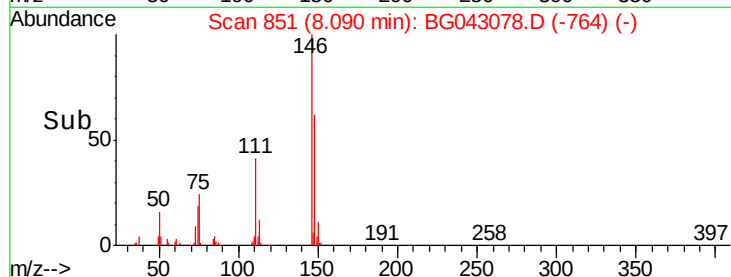
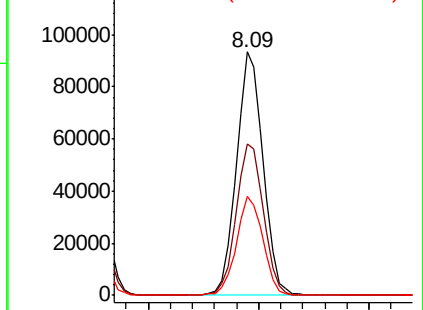


Abundance

Ion 146.00 (145.70 to 146.70): E

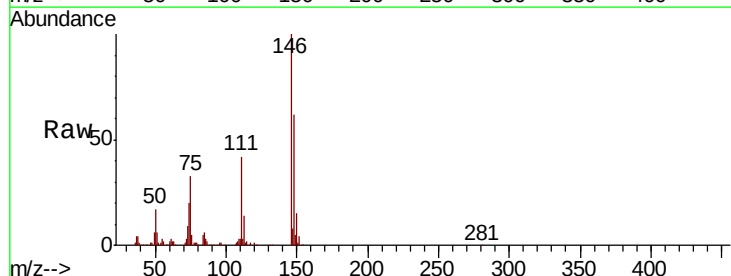
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.867 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	53.4	80.2
111	42.2	38.5	57.7

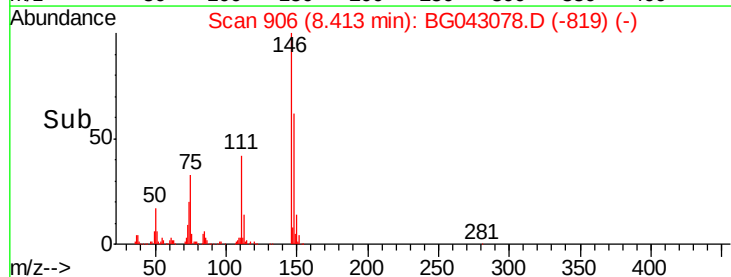
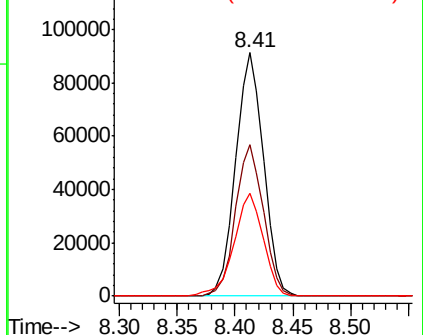


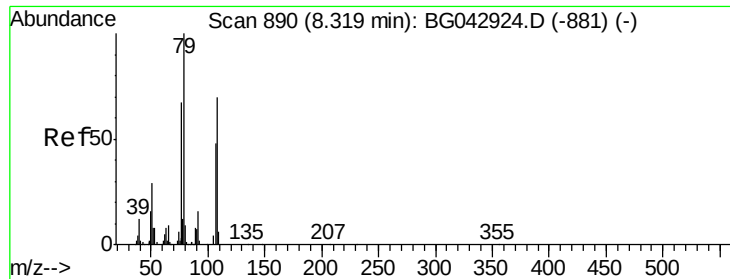
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.613 ng

RT: 8.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

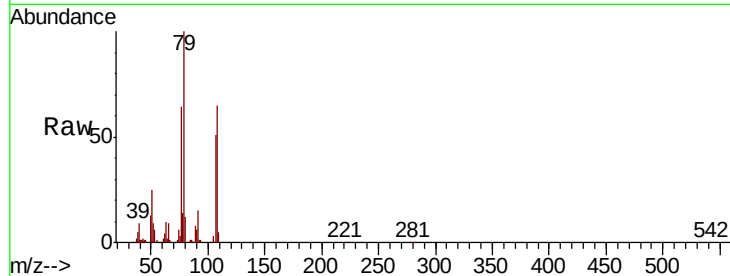
Tot Ion: 79 Resp: 89261

Ion Ratio Lower Upper

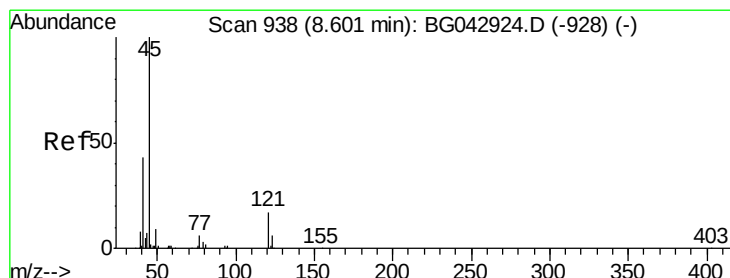
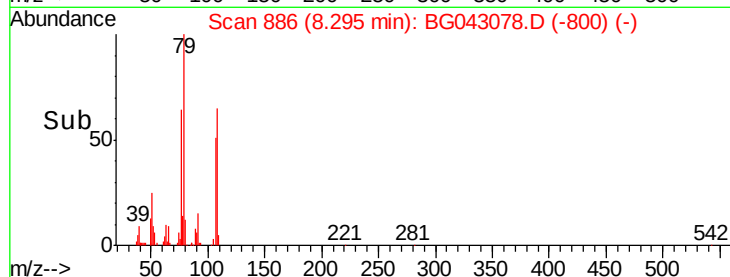
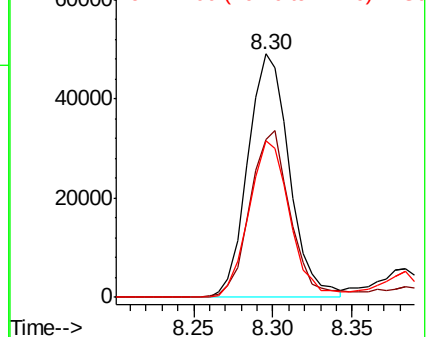
79 100

108 64.6 55.7 83.5

77 64.5 53.3 79.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.811 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

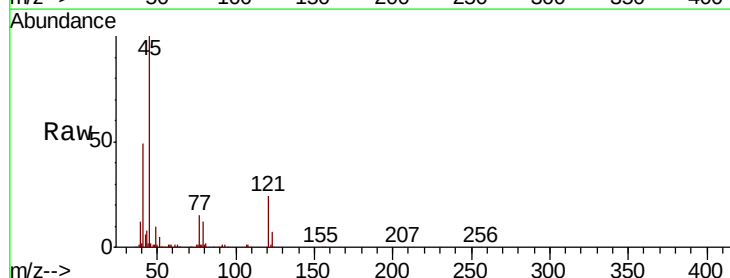
Tgt Ion: 45 Resp: 191258

Ion Ratio Lower Upper

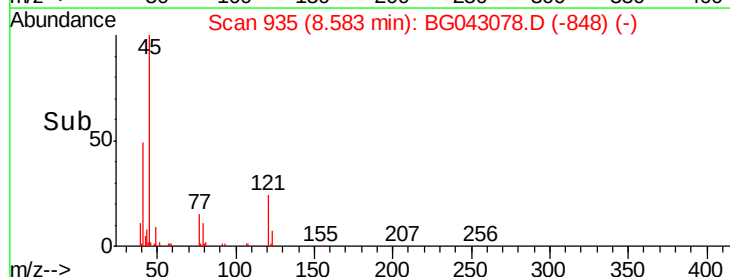
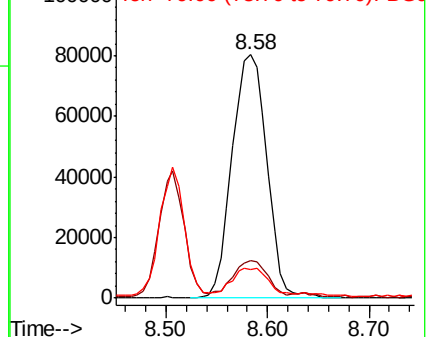
45 100

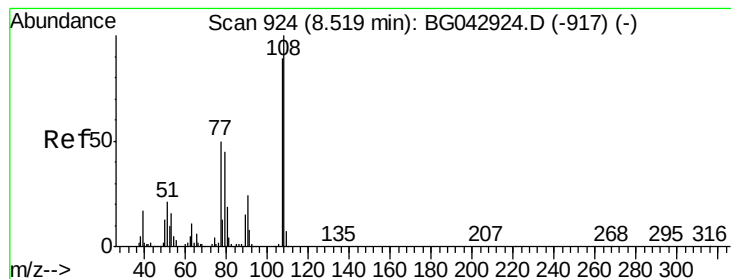
77 15.4 0.0 32.8

79 11.7 0.0 29.4



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





#17

2-Methylphenol

Concen: 49.559 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

Tot Ion:107 Resp: 132009

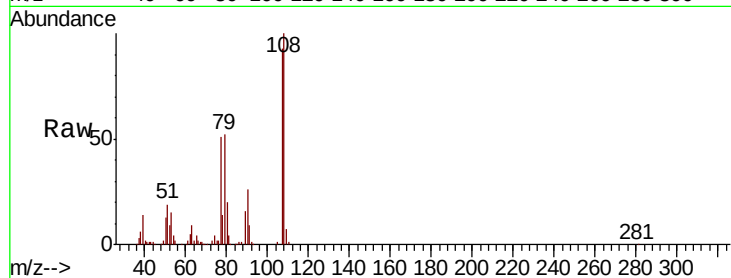
Ion Ratio Lower Upper

107 100

108 107.8 89.9 134.9

77 54.5 45.4 68.2

79 55.8 41.4 62.0

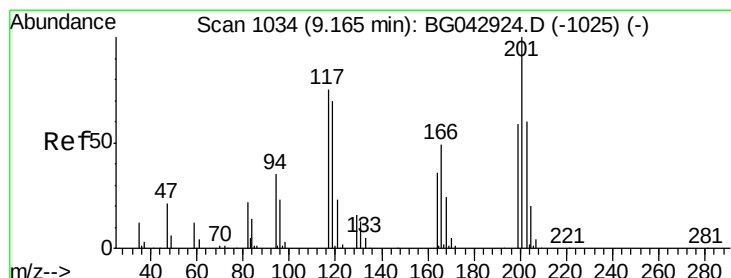
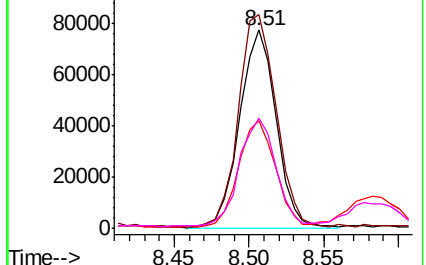
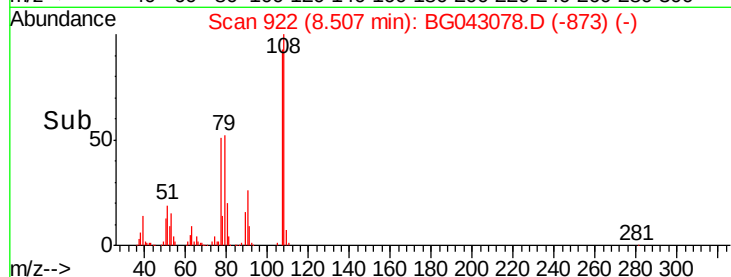


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.610 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

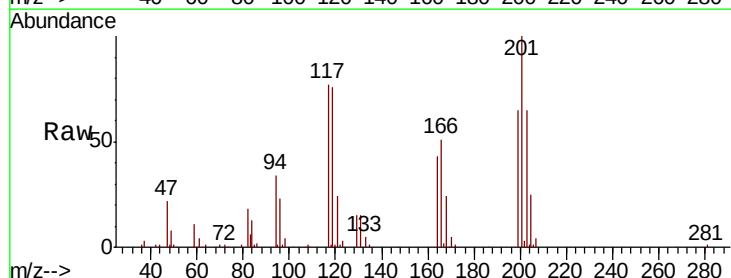
Tgt Ion:117 Resp: 55565

Ion Ratio Lower Upper

117 100

119 98.6 74.6 111.8

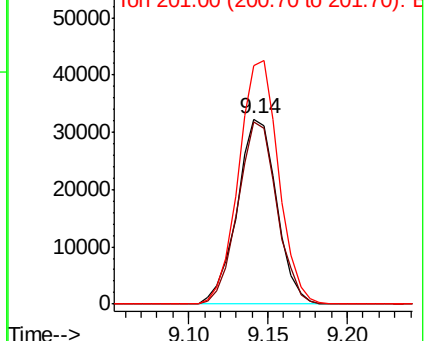
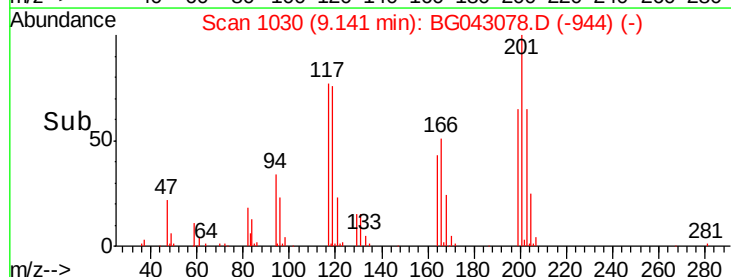
201 129.1 106.0 159.0

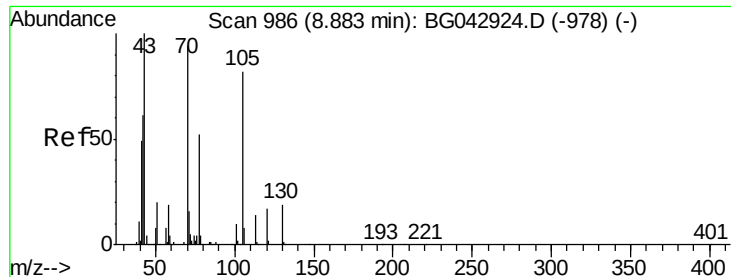


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

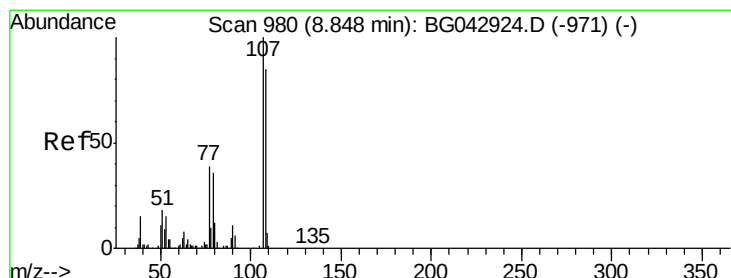
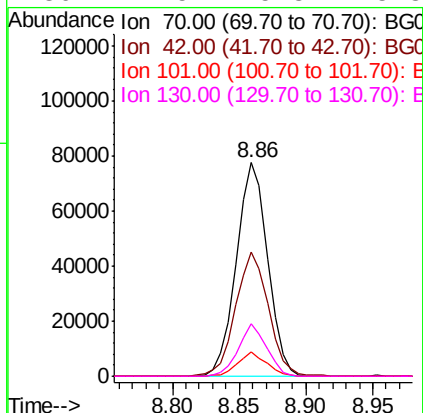
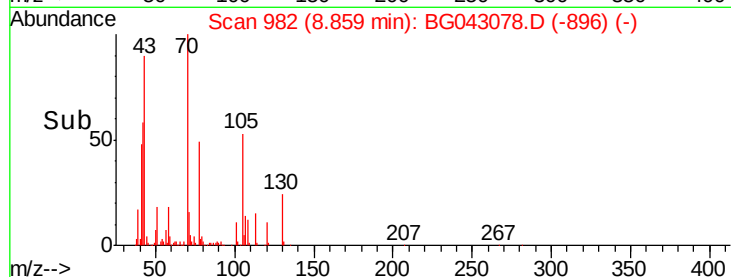
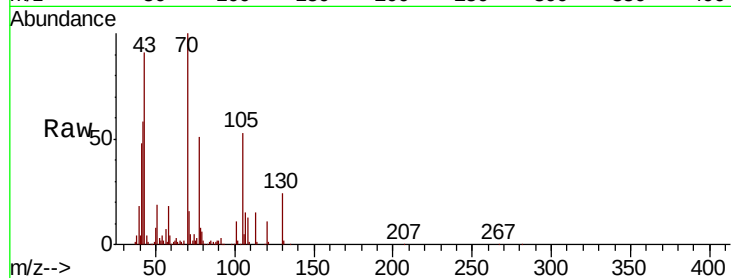




#19
n-Nitroso-di-n-propylamine
Concen: 46.390 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

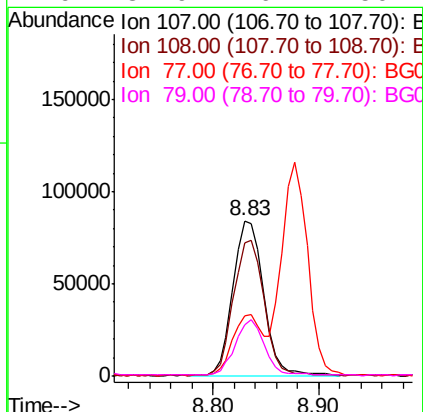
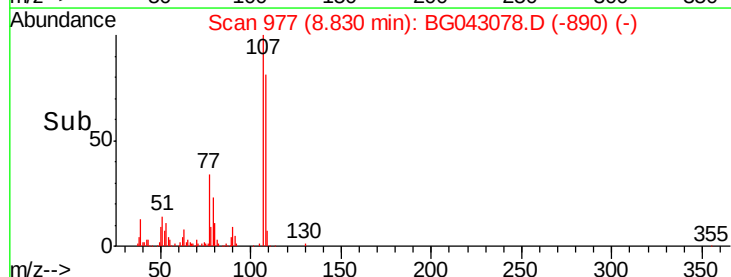
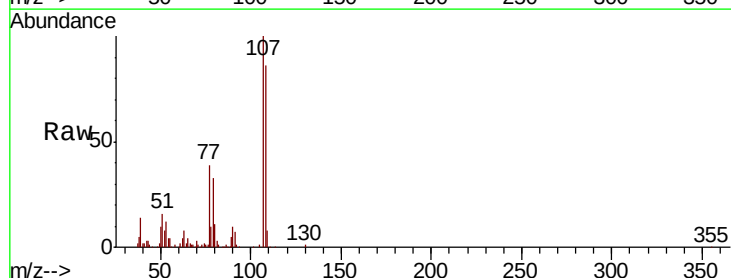
Instrument :
BNA_G
ClientSampleId :
PB123704BS

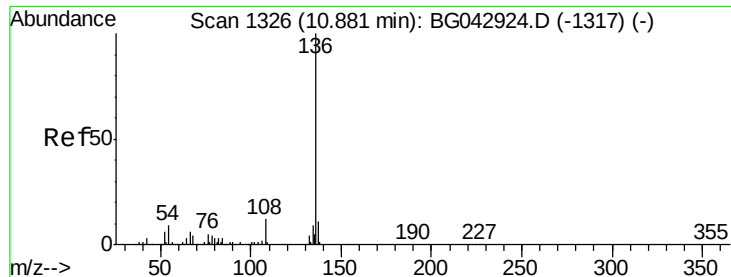
Tot Ion: 70 Resp: 126391
Ion Ratio Lower Upper
70 100
42 58.2 52.6 79.0
101 11.1 8.7 13.1
130 24.5 15.8 23.8#



#20
3+4-Methylphenols
Concen: 46.038 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion: 107 Resp: 168055
Ion Ratio Lower Upper
107 100
108 86.3 64.9 104.9
77 38.9 19.4 59.4
79 32.9 16.2 56.2

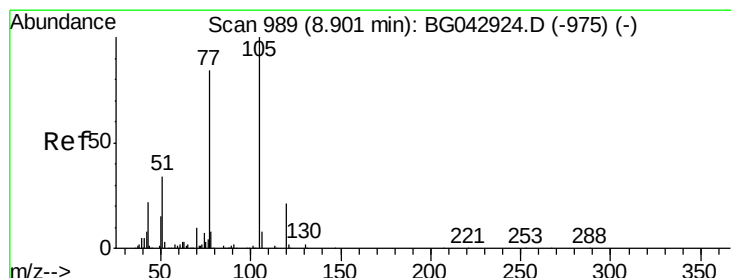
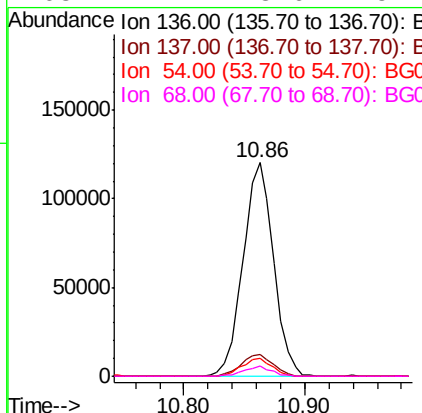
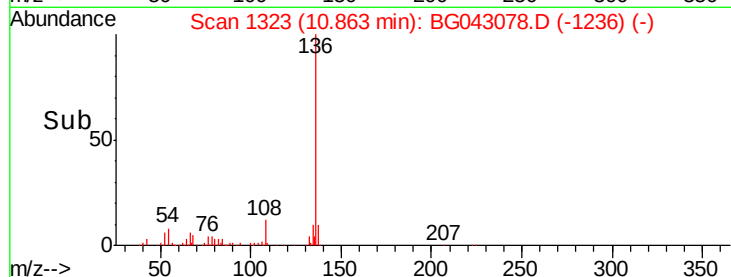
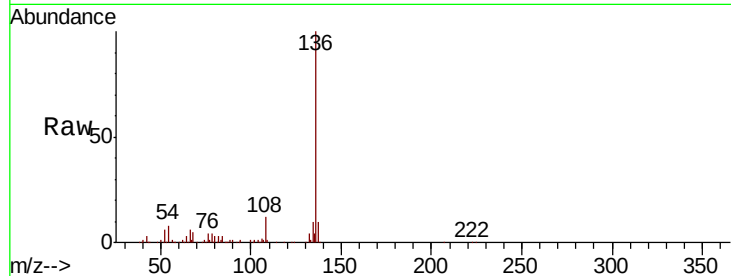




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

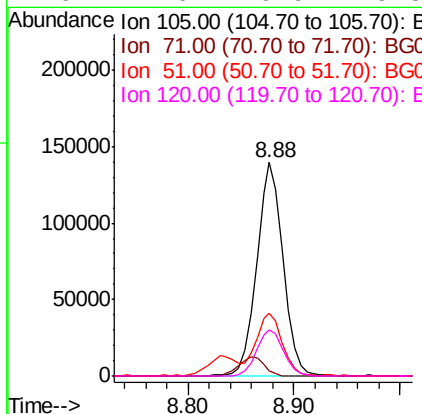
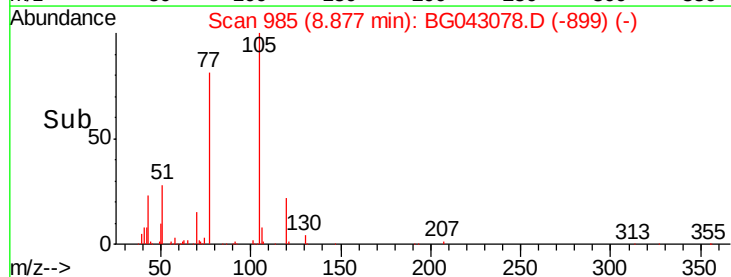
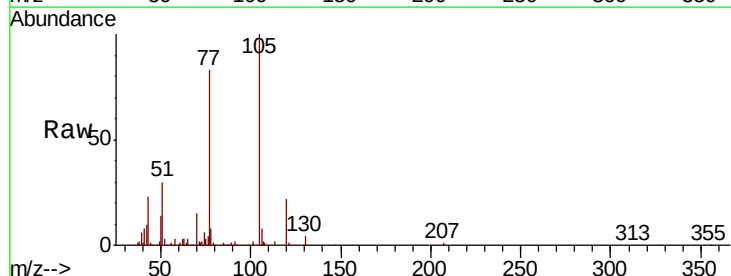
Instrument :
BNA_G
ClientSampleId :
PB123704BS

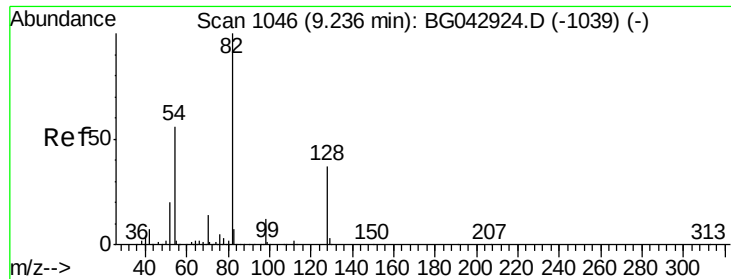
Tot Ion:136	Resp: 211138
Ion Ratio	Lower Upper
136 100	
137 10.2	8.5 12.7
54 8.4	7.4 11.2
68 4.7	3.6 5.4



#22
Acetophenone
Concen: 44.466 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt	Ion:105	Resp:	242003
Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.2	1.8#
51	29.6	27.2	40.8
120	21.6	16.9	25.3

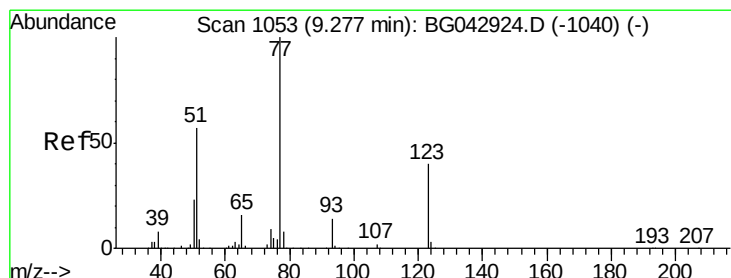
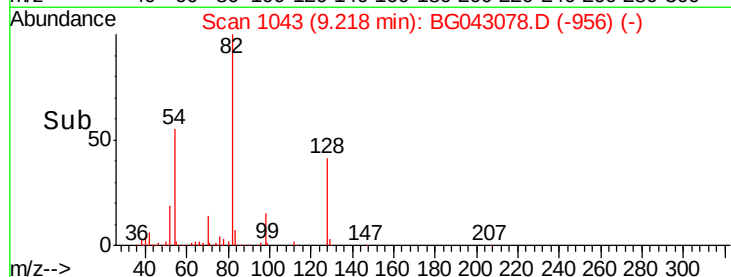
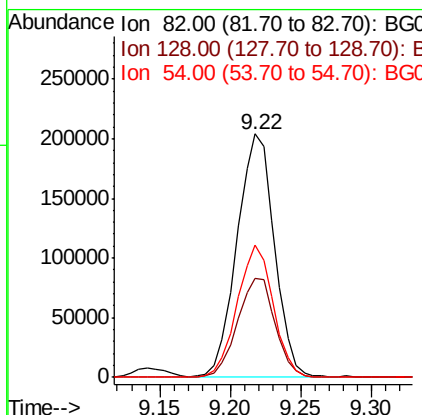
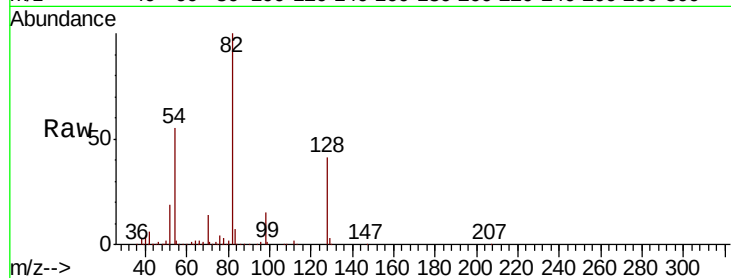




#23
 Nitrobenzene-d5
 Concen: 86.637 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

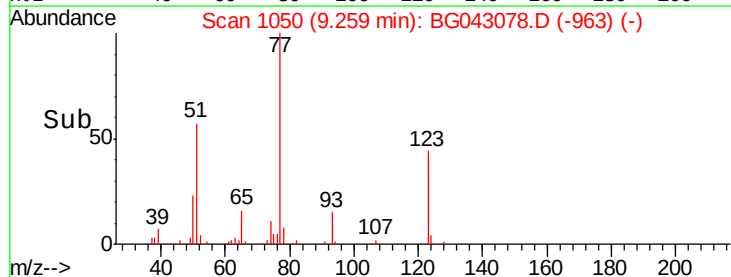
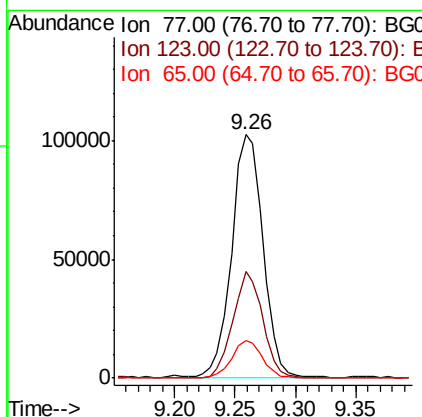
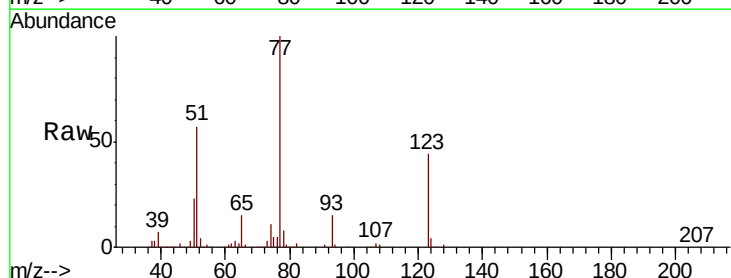
Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

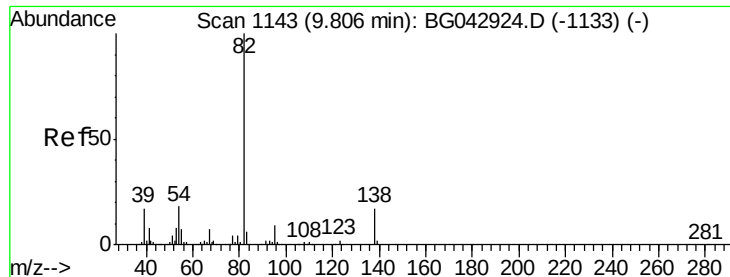
Tot Ion	82	Resp	376347
Ion Ratio	Lower	Upper	
82	100		
128	40.6	29.5	44.3
54	54.6	44.6	67.0



#24
 Nitrobenzene
 Concen: 44.430 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	77	Resp	184093
Ion Ratio	Lower	Upper	
77	100		
123	43.8	31.9	47.9
65	15.5	12.4	18.6





#25

Isophorone

Concen: 47.905 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

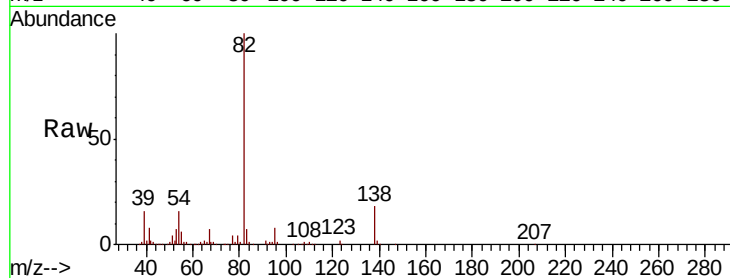
Tot Ion: 82 Resp: 365526

Ion Ratio Lower Upper

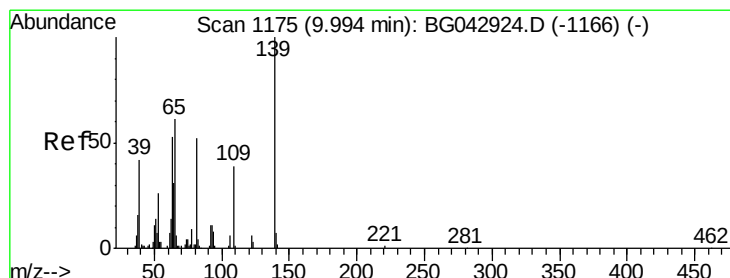
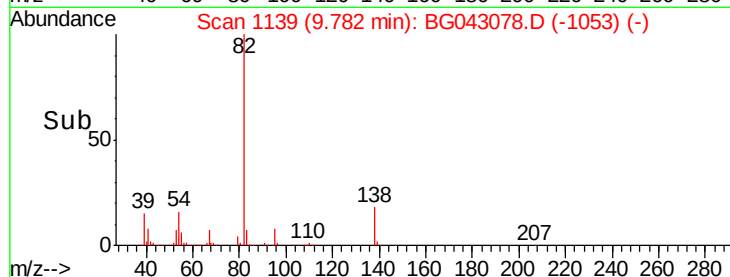
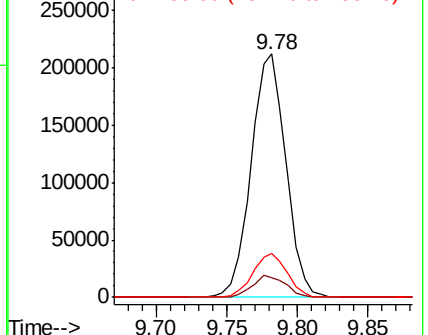
82 100

95 8.1 7.0 10.4

138 17.8 13.8 20.6



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



#26

2-Nitrophenol

Concen: 53.706 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

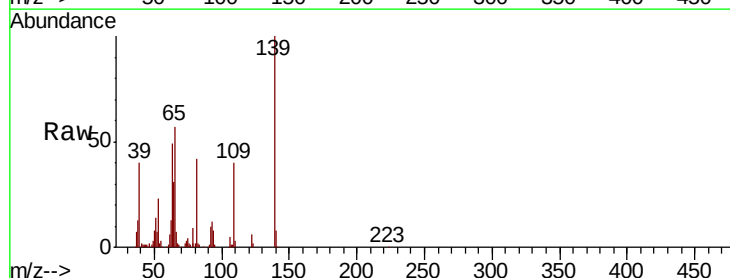
Tgt Ion: 139 Resp: 94731

Ion Ratio Lower Upper

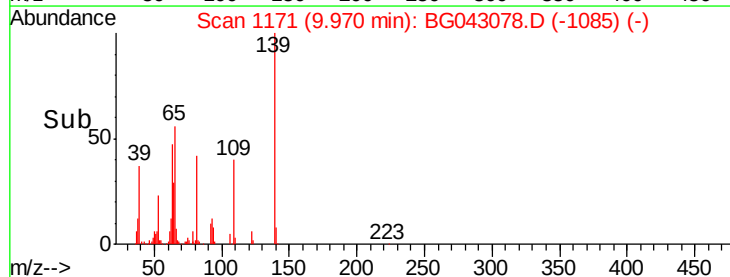
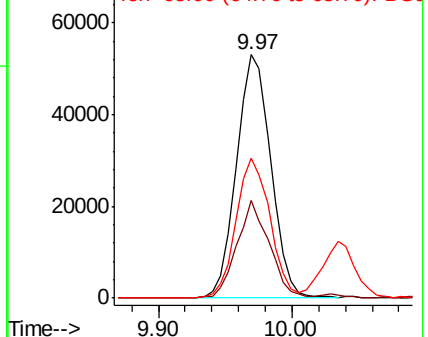
139 100

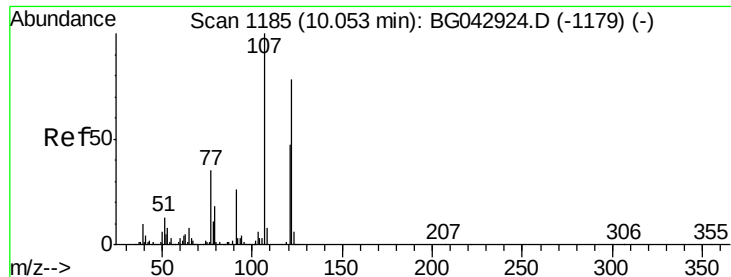
109 40.3 31.0 46.6

65 57.3 48.4 72.6



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





#27

2,4-Dimethylphenol

Concen: 58.914 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

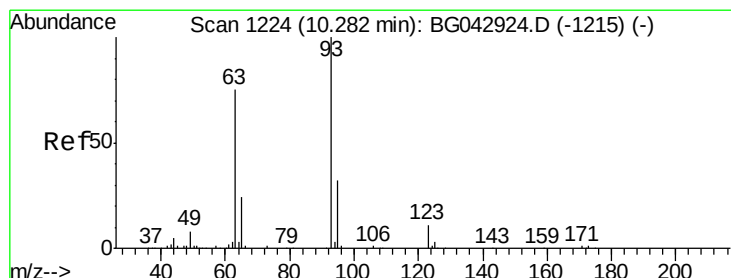
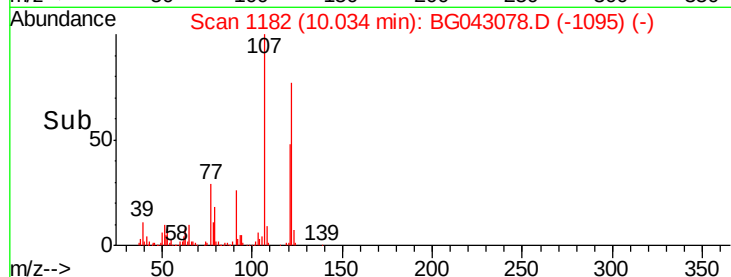
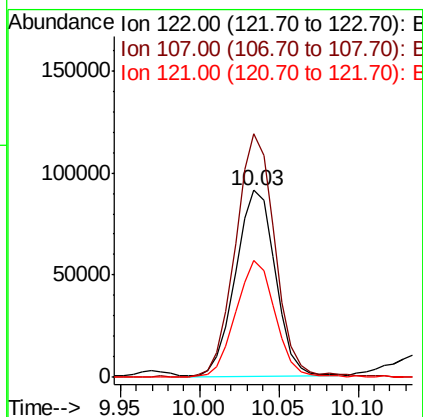
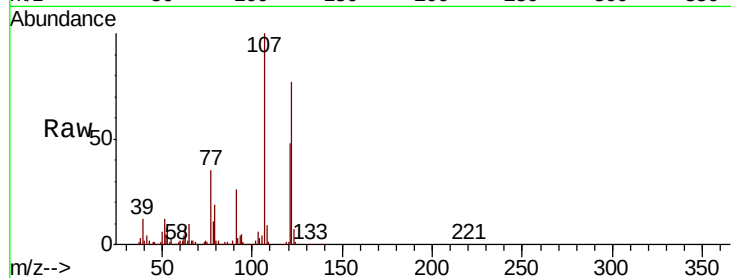
Tot Ion:122 Resp: 159587

Ion Ratio Lower Upper

122 100

107 130.1 102.2 153.2

121 62.2 48.5 72.7



#28

bis(2-Chloroethoxy)methane

Concen: 46.016 ng

RT: 10.26 min Scan# 1221

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

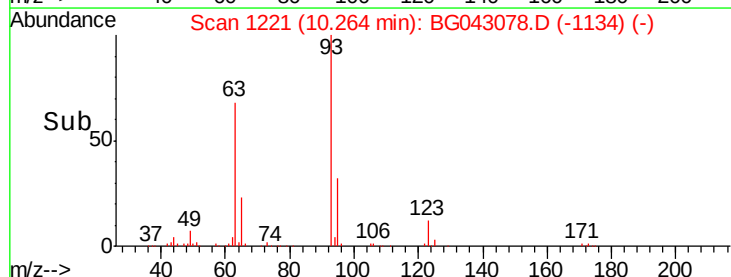
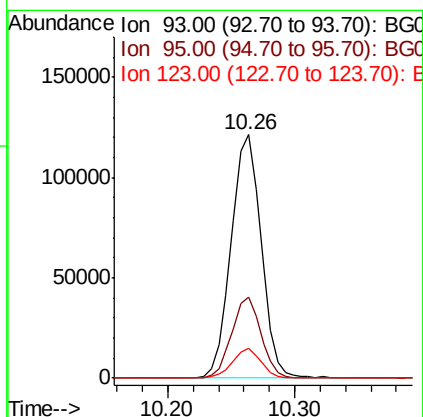
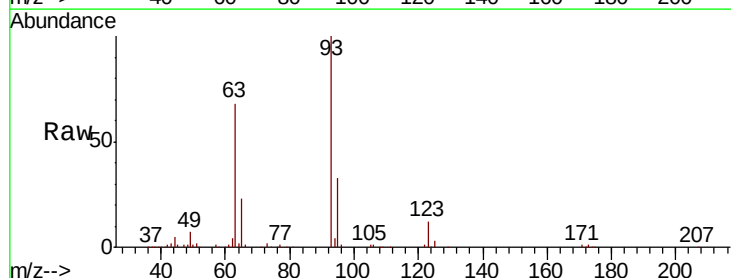
Tgt Ion: 93 Resp: 199213

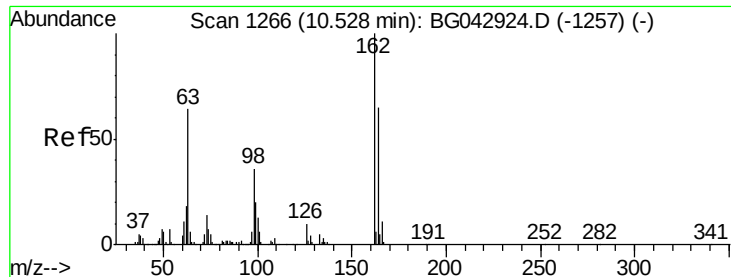
Ion Ratio Lower Upper

93 100

95 33.0 25.4 38.0

123 12.4 9.3 13.9

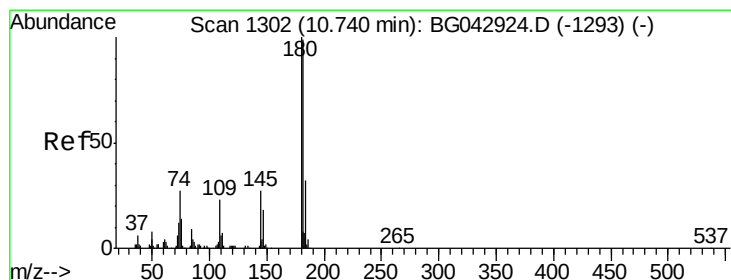
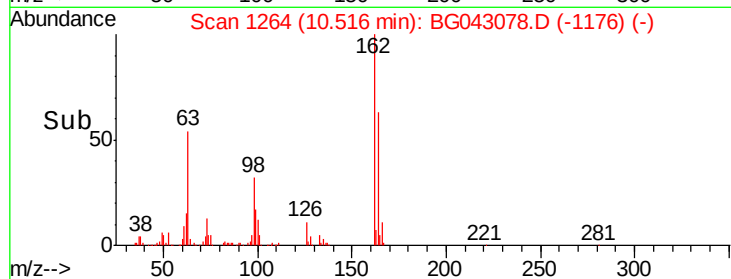
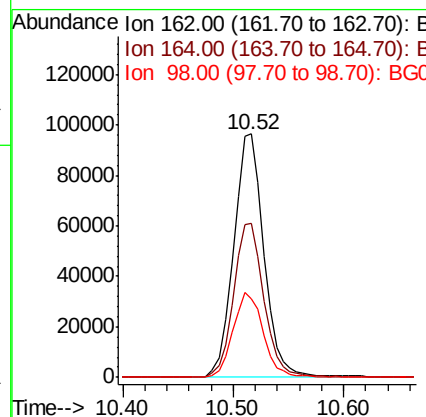
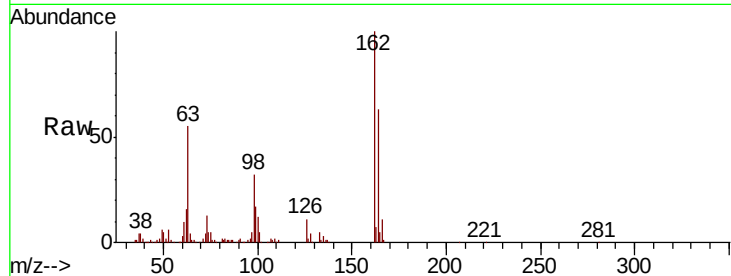




#29
 2,4-Dichlorophenol
 Concen: 54.948 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

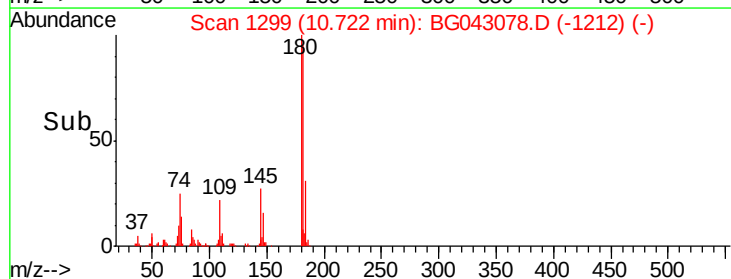
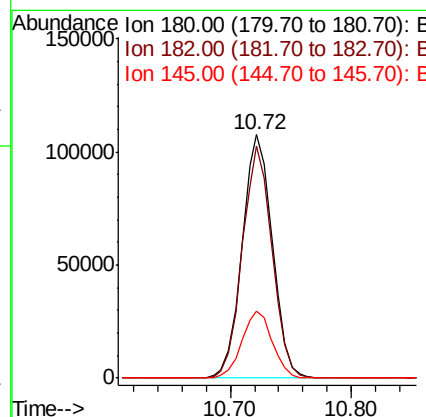
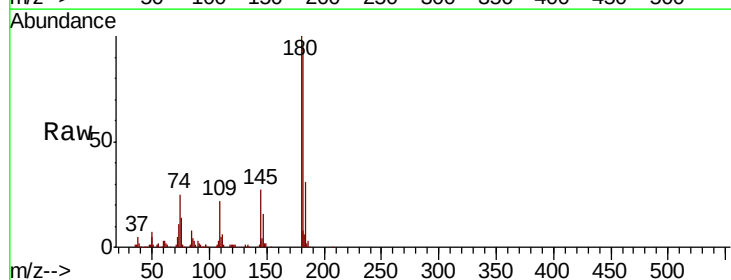
Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

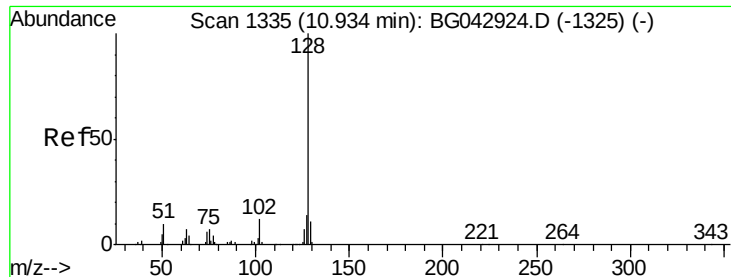
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.7	84.7
98	32.3	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 43.121 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	79.3	118.9
145	27.3	22.0	33.0

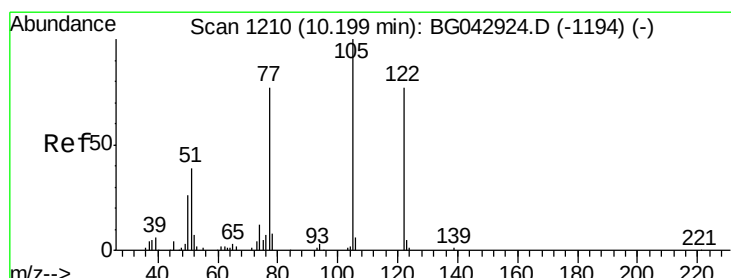
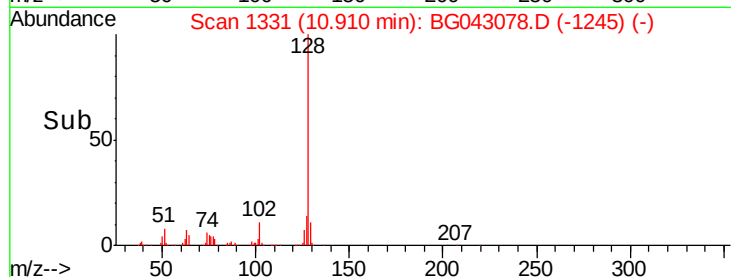
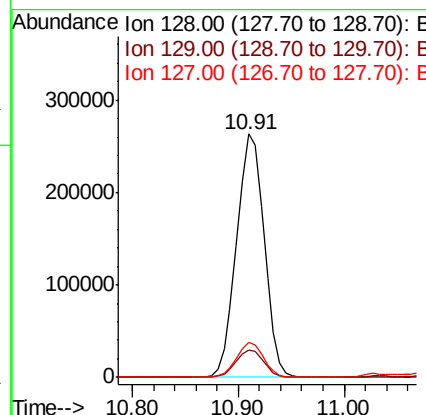
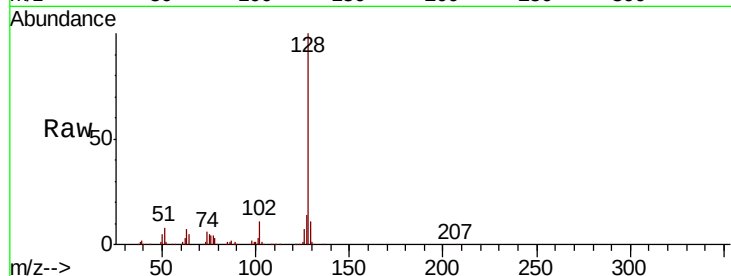




#31
Naphthalene
Concen: 45.757 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

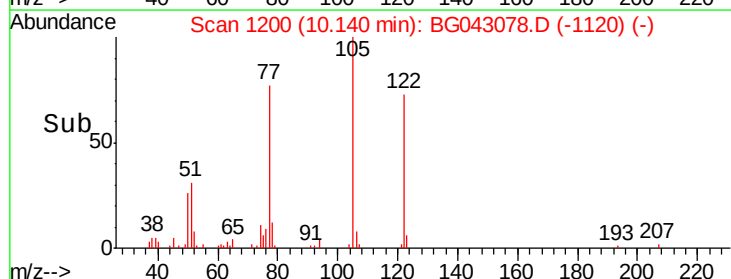
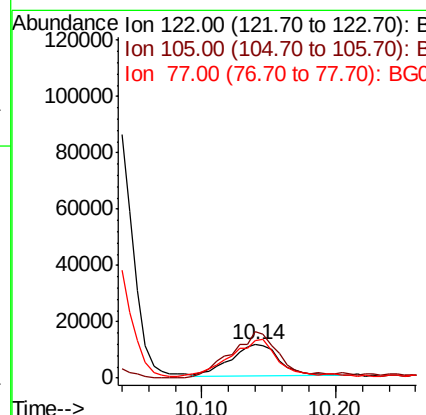
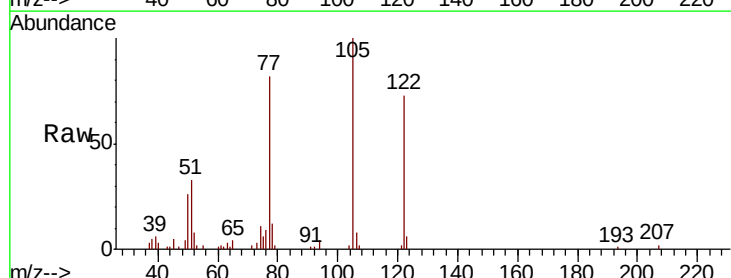
Instrument :
BNA_G
ClientSampleId :
PB123704BS

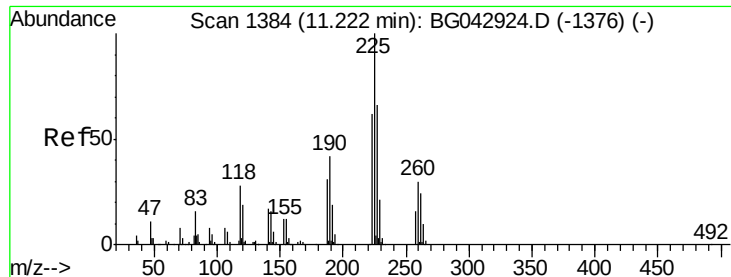
Tot Ion:128 Resp: 475579
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 14.2 11.3 16.9



#32
Benzoic acid
Concen: 17.121 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.06 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion:122 Resp: 28991
Ion Ratio Lower Upper
122 100
105 137.7 107.5 147.5
77 112.3 79.8 119.8

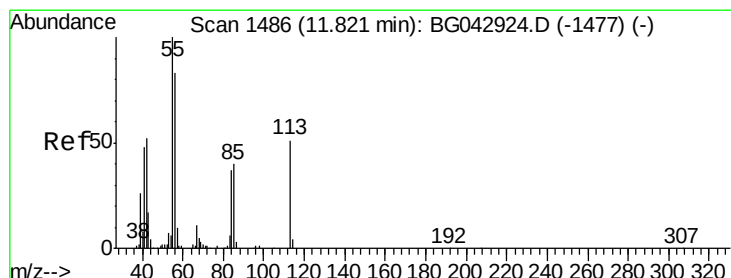
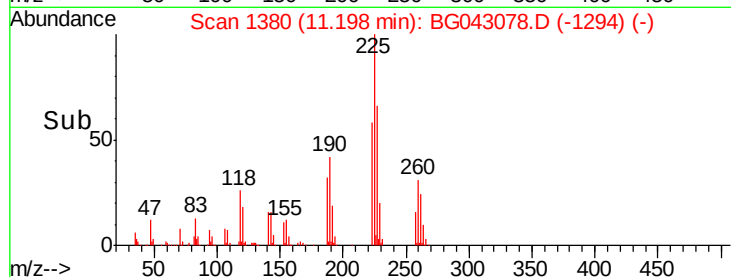
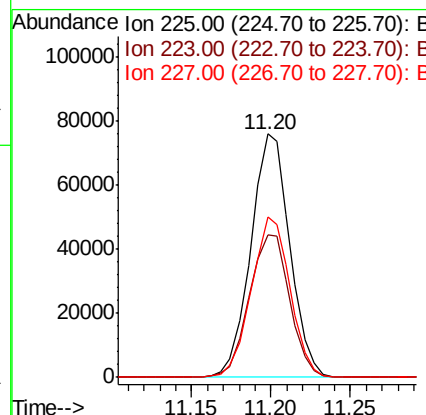
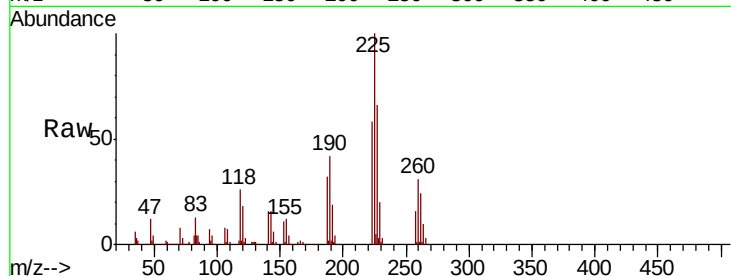




#34
Hexachlorobutadiene
Concen: 39.606 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

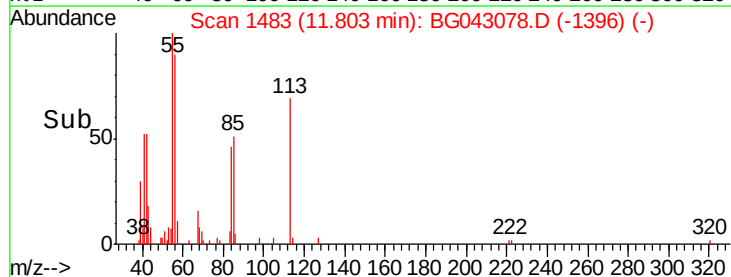
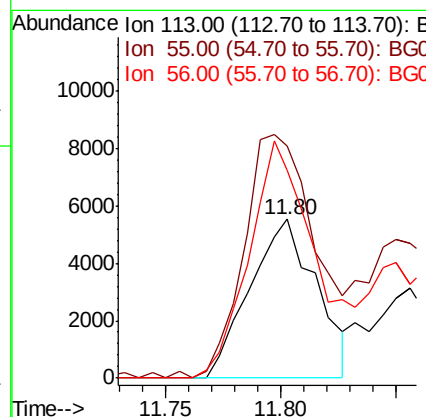
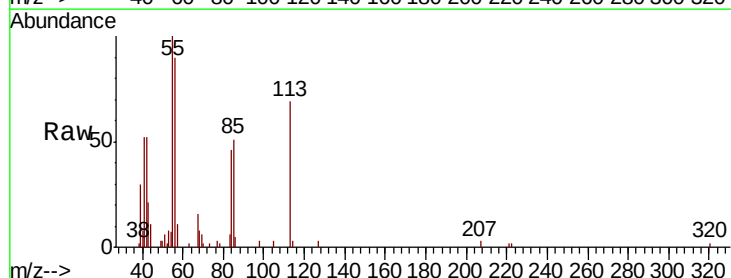
Instrument :
BNA_G
ClientSampleId :
PB123704BS

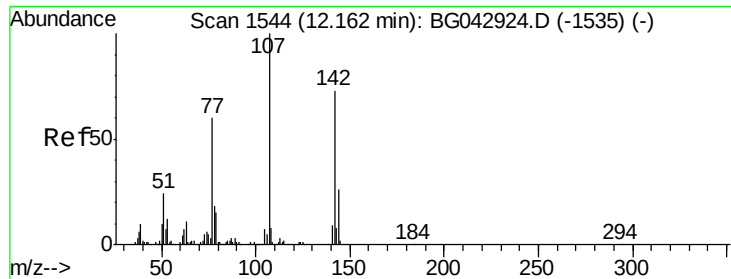
Tot Ion	Ratio	Lower	Upper
225	100		
223	58.3	49.3	73.9
227	65.8	52.8	79.2



#35
Caprolactam
Concen: 9.319 ng
RT: 11.80 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
113	100		
55	145.9	175.5	215.5#
56	130.7	142.3	182.3#

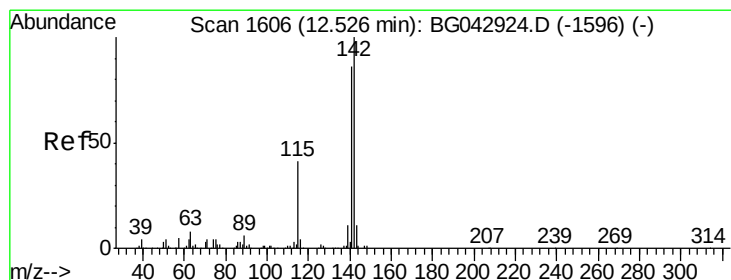
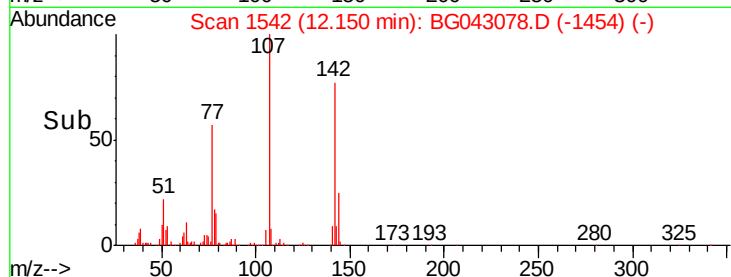
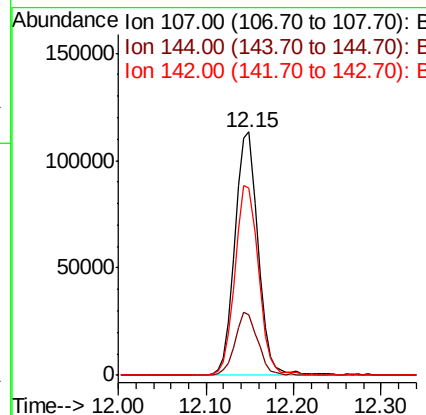
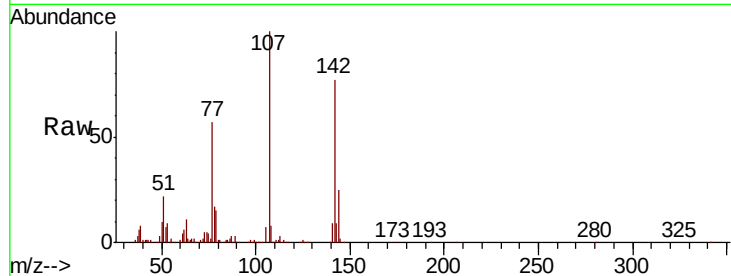




#36
 4-Chloro-3-methylphenol
 Concen: 55.619 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

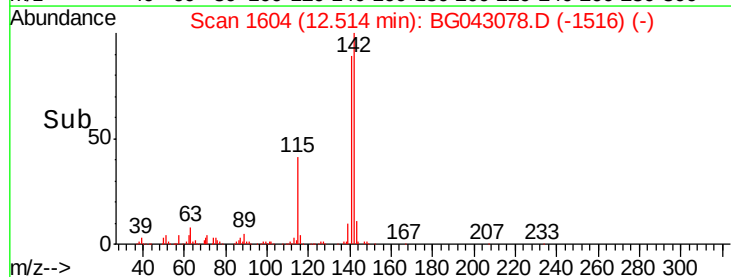
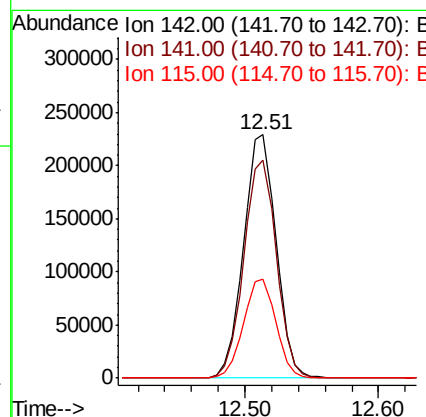
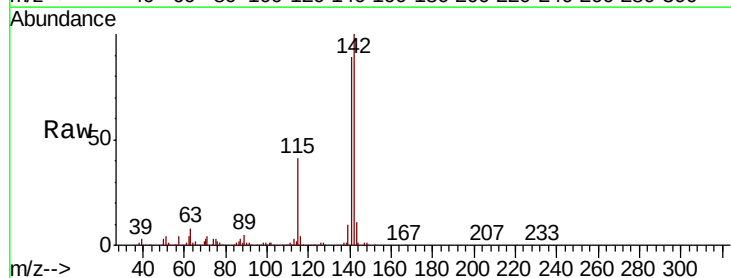
Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

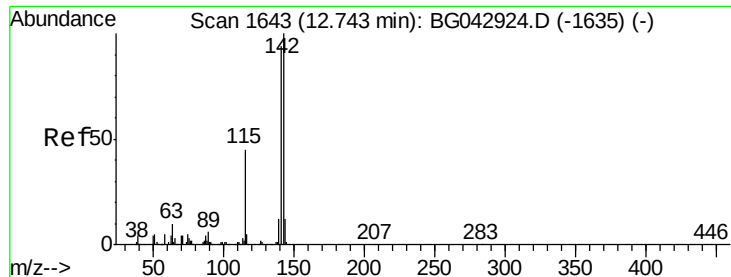
Tot Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.7	31.1
142	76.7	58.6	87.8



#37
 2-Methylnaphthalene
 Concen: 48.565 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	69.0	103.4
115	40.8	32.8	49.2

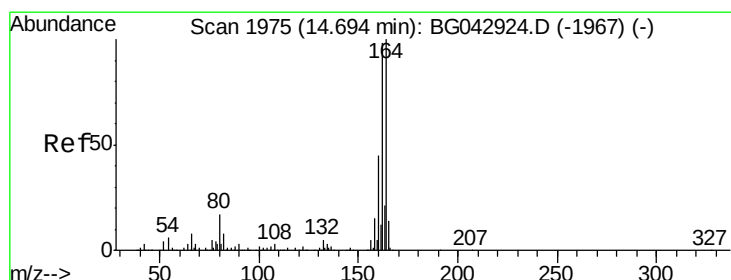
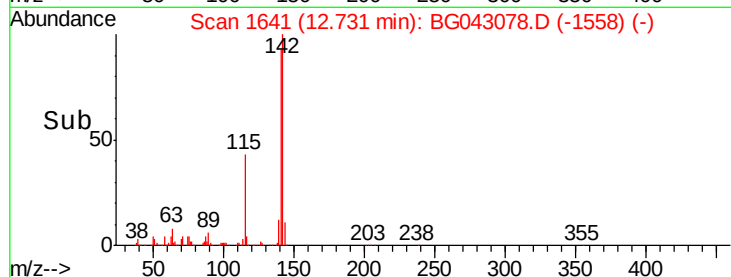
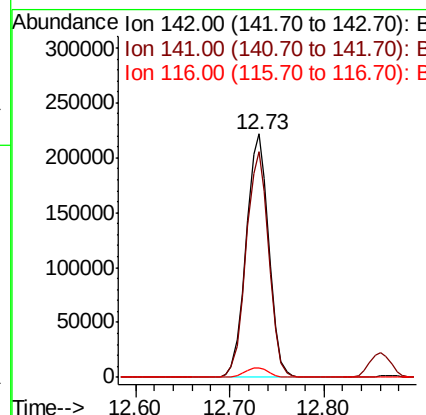
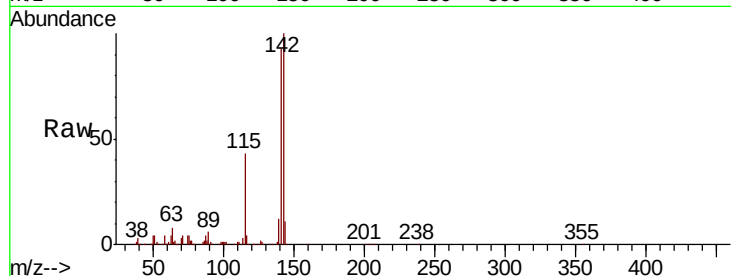




#38
 1-Methylnaphthalene
 Concen: 49.010 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

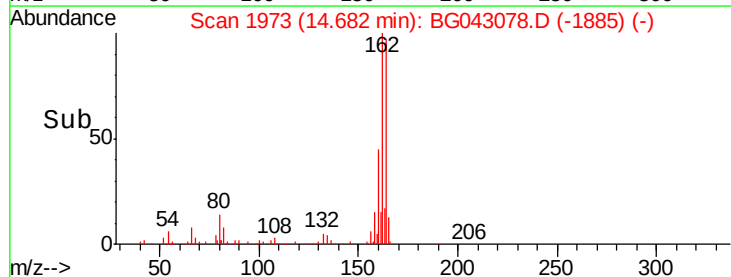
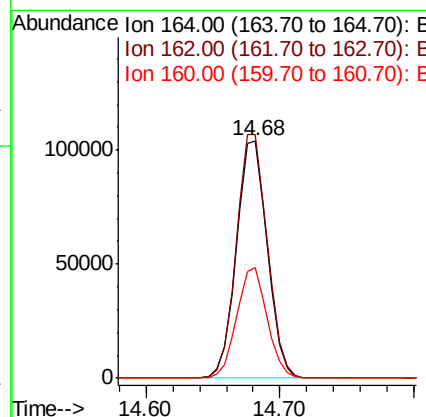
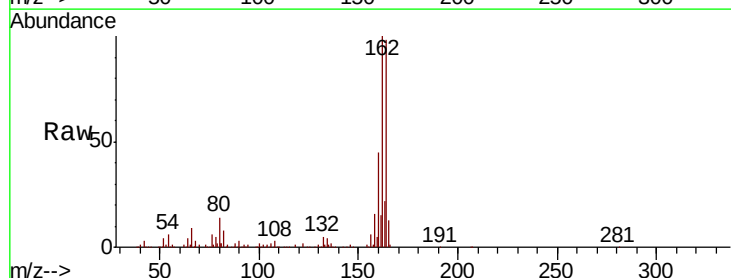
Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

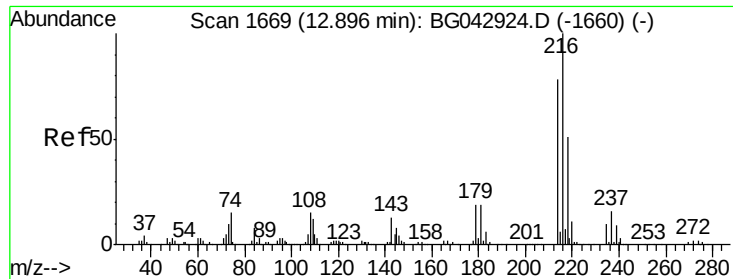
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.9	112.3
116	3.8	3.7	5.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.5	117.7
160	46.5	35.9	53.9





#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.550 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

Tot Ion:216 Resp: 253780

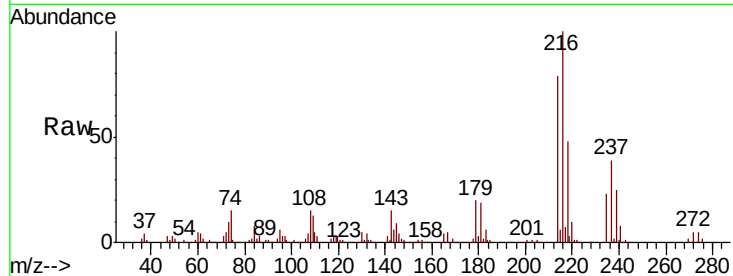
Ion Ratio Lower Upper

216 100

214 79.2 62.4 93.6

179 19.8 15.4 23.2

108 16.6 12.6 19.0

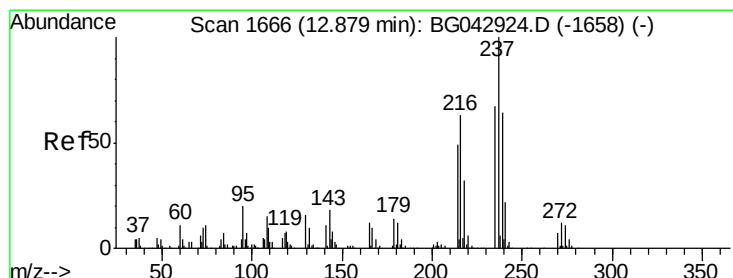
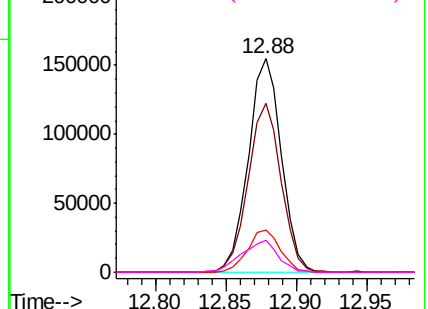
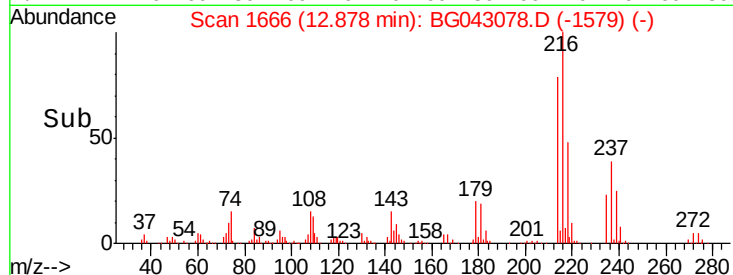


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 88.199 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

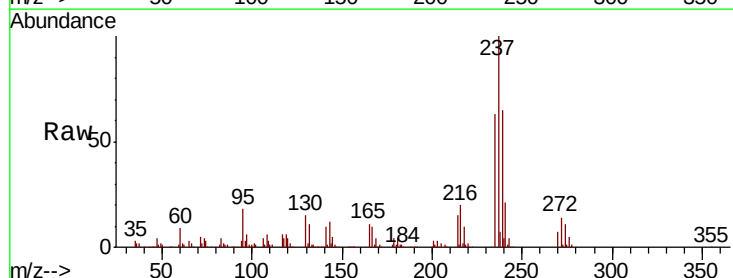
Tgt Ion:237 Resp: 351705

Ion Ratio Lower Upper

237 100

235 63.4 46.7 86.7

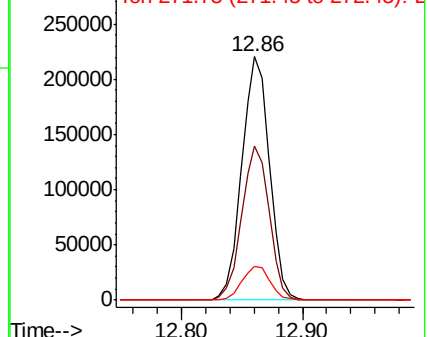
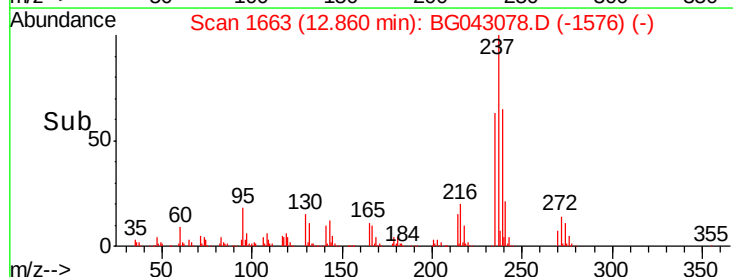
272 13.7 0.0 32.3

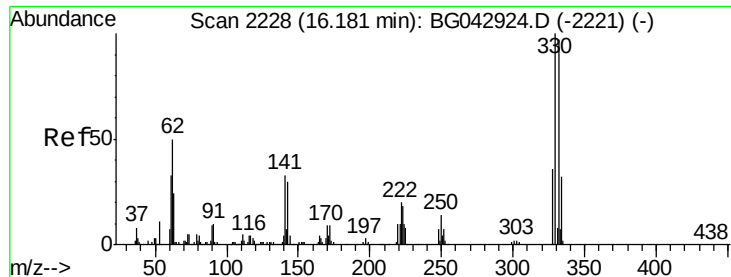


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

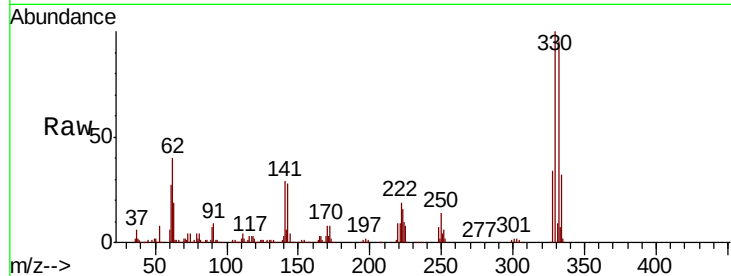




#42
 2,4,6-Tribromophenol
 Concen: 150.469 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.2	117.2
141	29.1	26.0	39.0

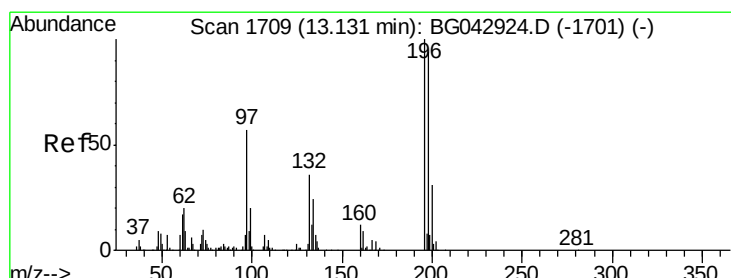
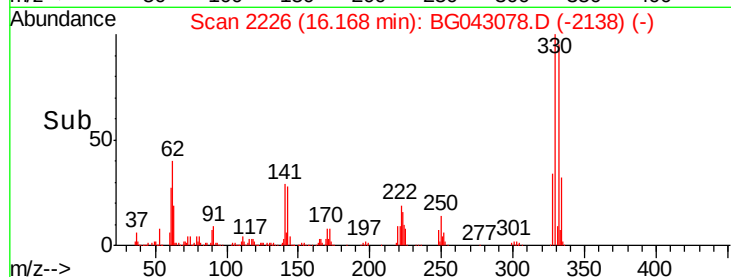
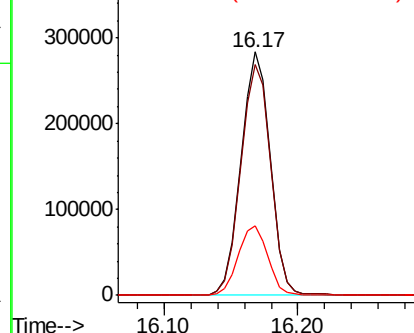


Abundance

Ion 329.80 (329.50 to 330.50): E

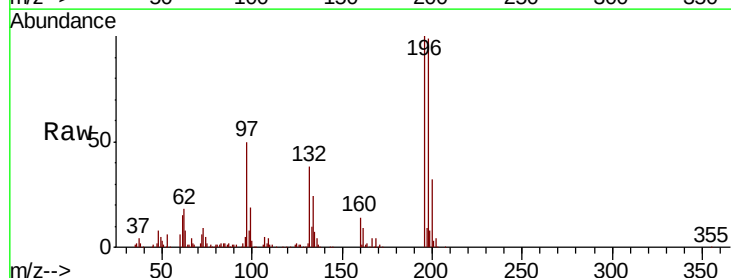
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 49.139 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	75.5	113.3
200	32.1	24.9	37.3

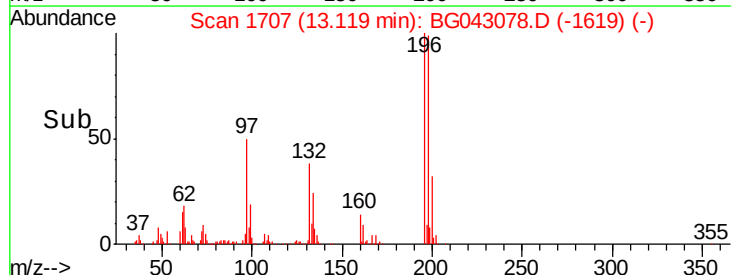
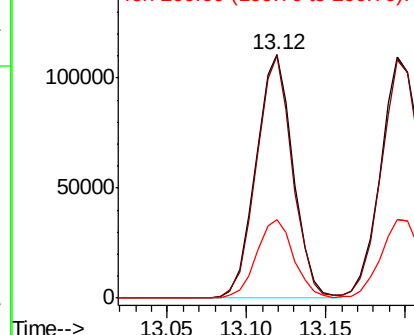


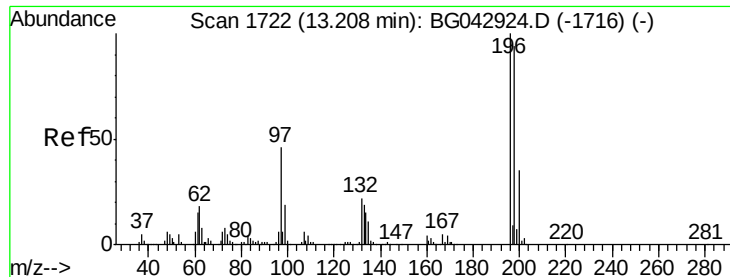
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

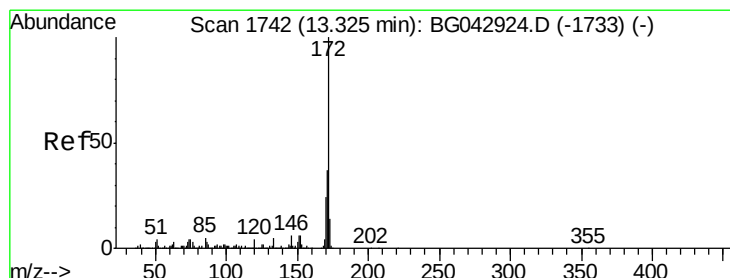
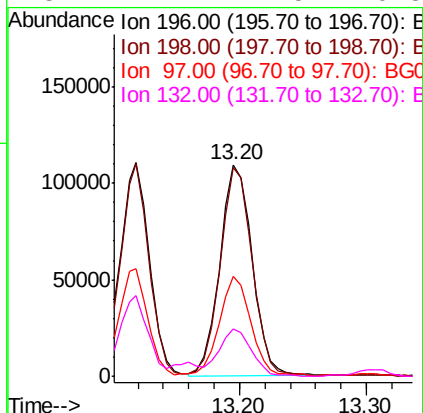
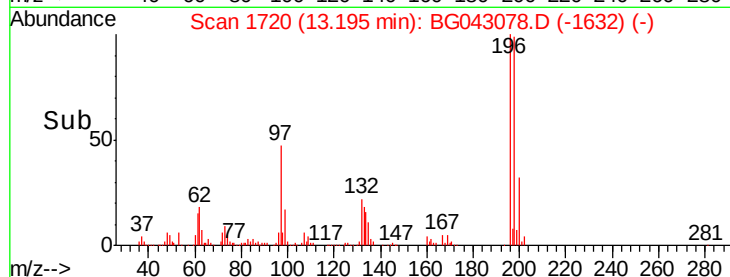
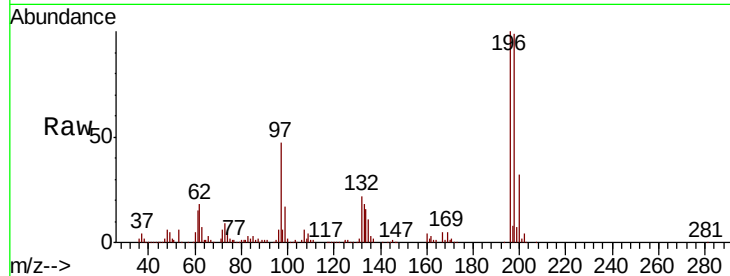




#44
 2,4,5-Trichlorophenol
 Concen: 51.241 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

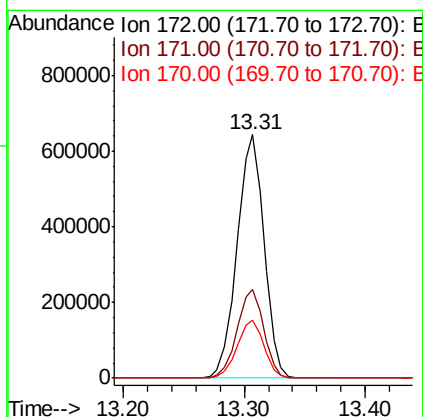
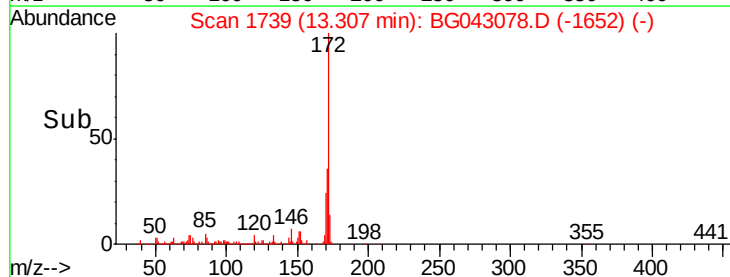
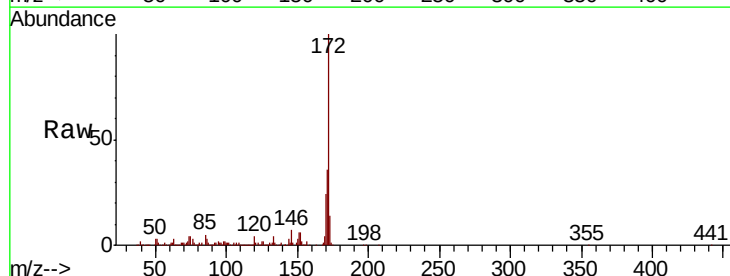
Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

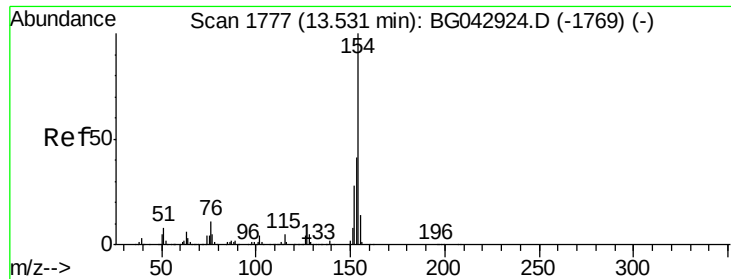
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	75.1	112.7
97	46.9	37.0	55.4
132	22.1	17.5	26.3



#45
 2-Fluorobiphenyl
 Concen: 87.356 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.6	19.6	29.4

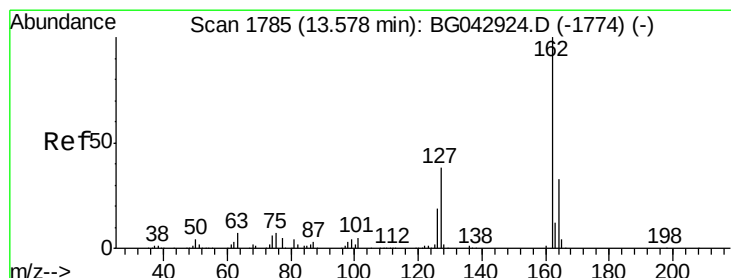
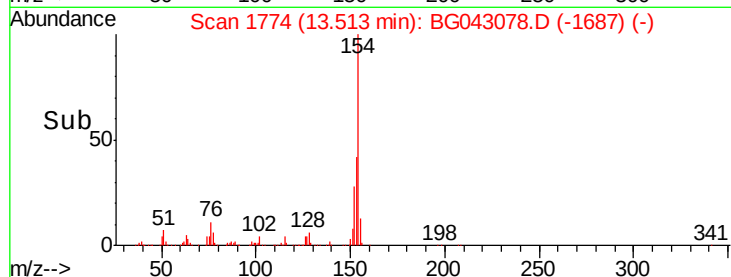
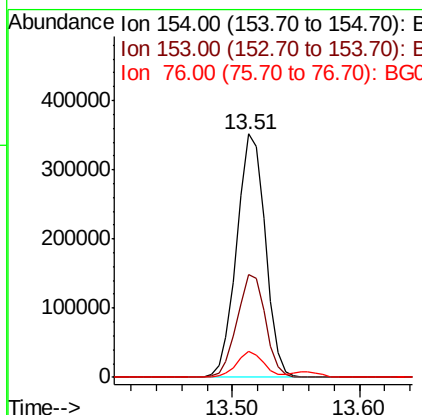
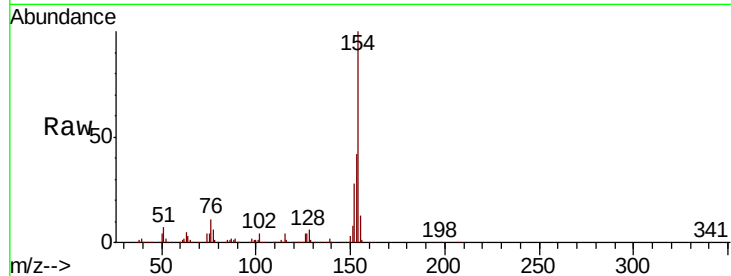




#46
 1,1'-Biphenyl
 Concen: 43.457 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

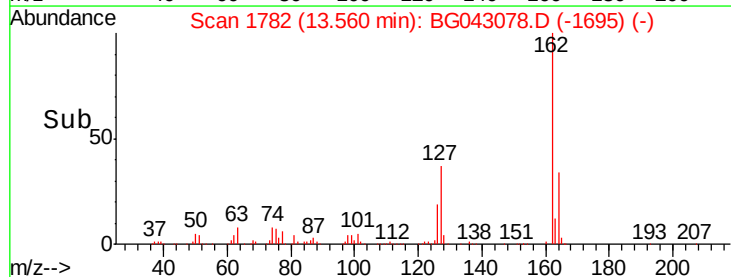
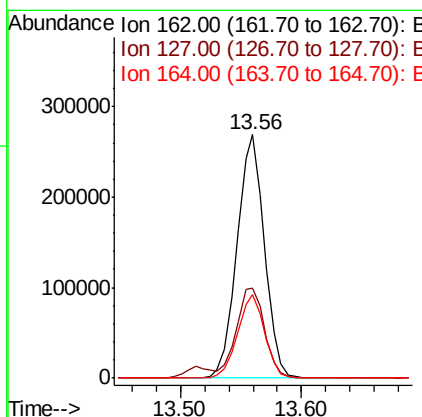
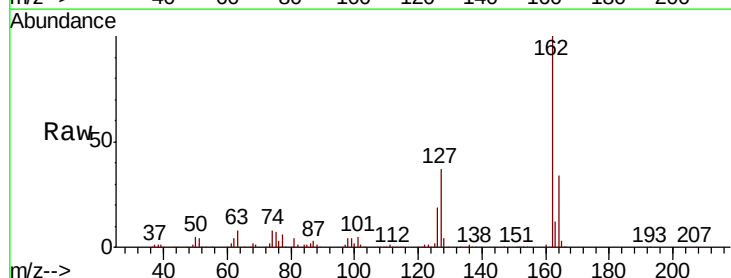
Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

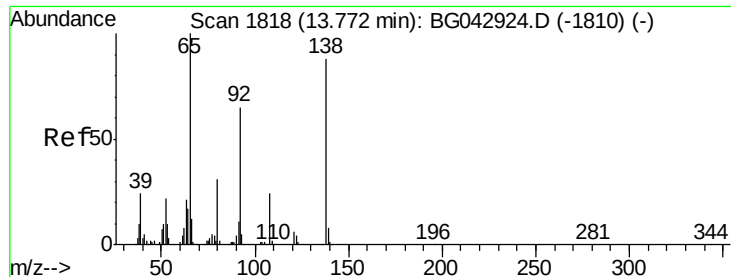
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.4	61.4
76	10.9	0.0	31.3



#47
 2-Chloronaphthalene
 Concen: 44.820 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.1	31.0	46.6
164	34.4	26.2	39.2

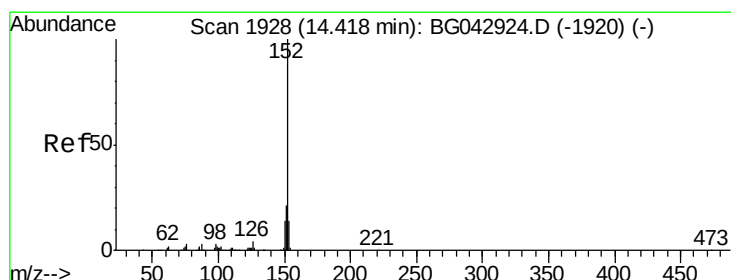
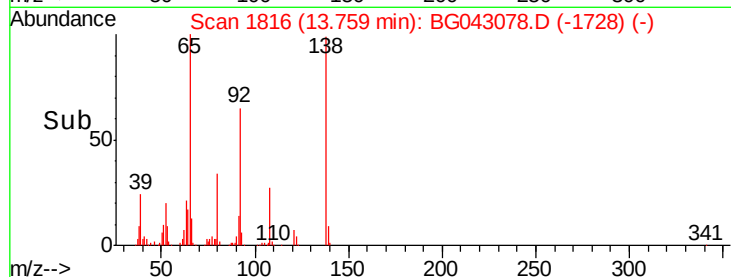
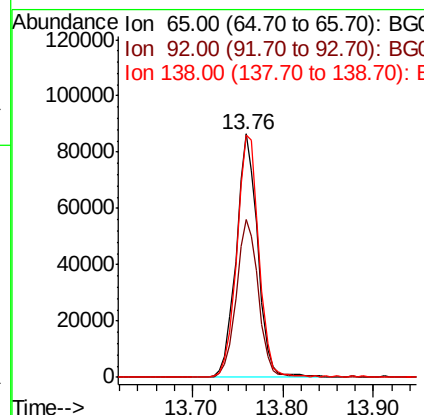
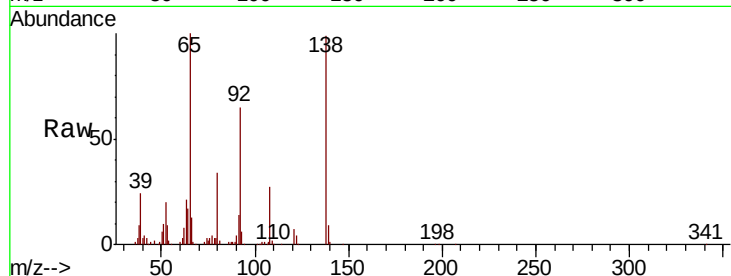




#48
2-Nitroaniline
Concen: 45.644 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

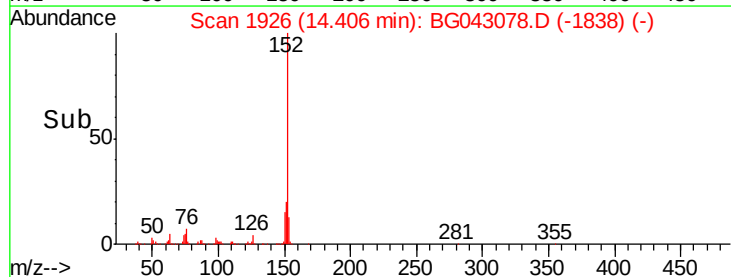
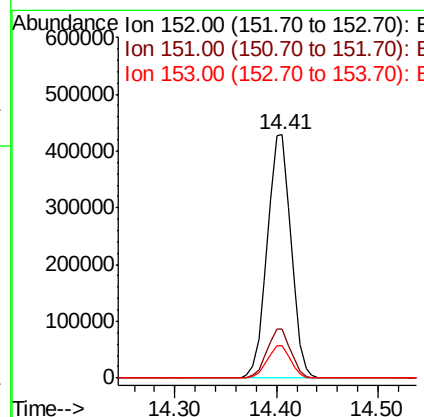
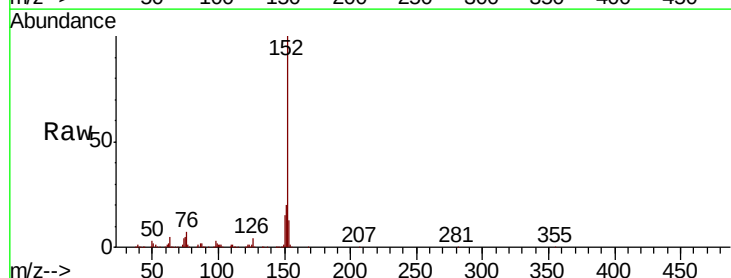
Instrument :
BNA_G
ClientSampleId :
PB123704BS

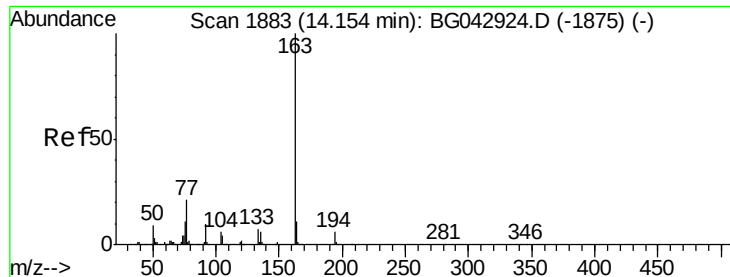
Tot Ion: 65 Resp: 143651
Ion Ratio Lower Upper
65 100
92 64.6 52.0 78.0
138 99.3 70.4 105.6



#49
Acenaphthylene
Concen: 48.324 ng
RT: 14.41 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion: 152 Resp: 699801
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.4 11.3 16.9





#50

Dimethylphthalate

Concen: 62.898 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

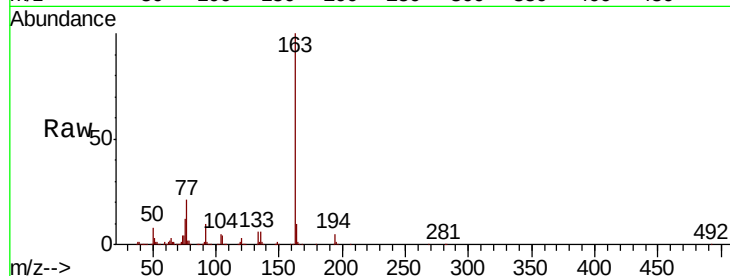
Tot Ion:163 Resp: 784446

Ion Ratio Lower Upper

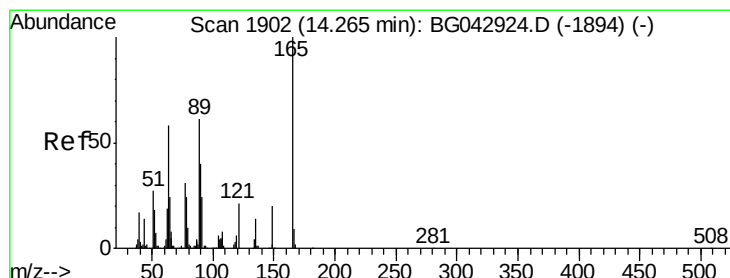
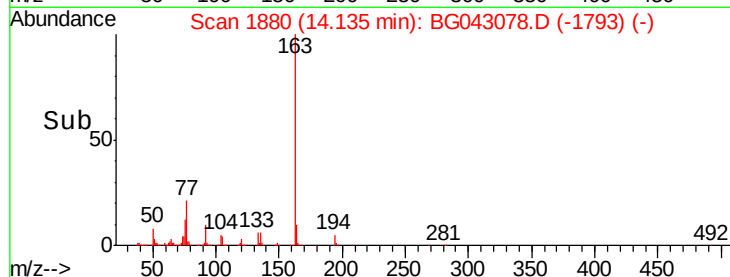
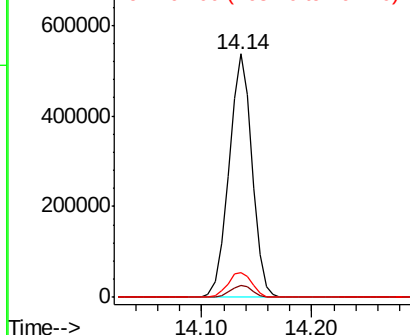
163 100

194 4.7 4.4 6.6

164 10.2 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 51.917 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

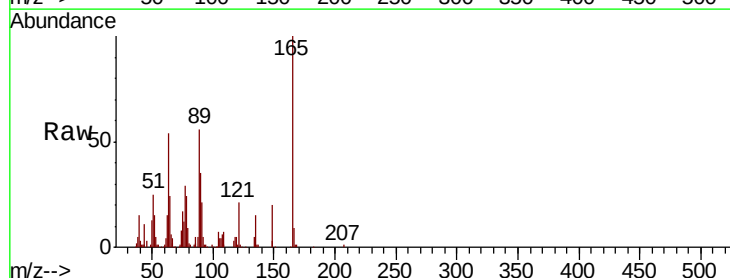
Tgt Ion:165 Resp: 137888

Ion Ratio Lower Upper

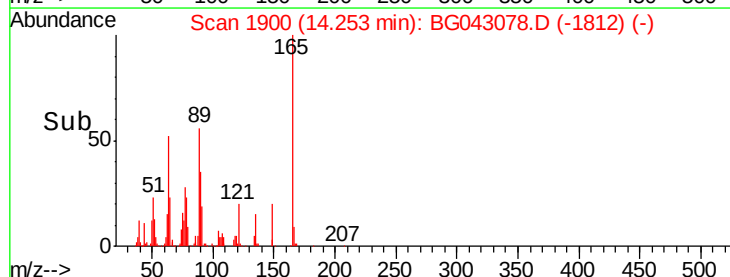
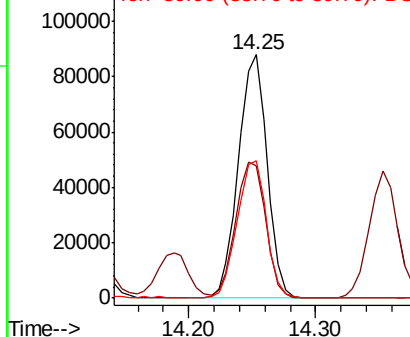
165 100

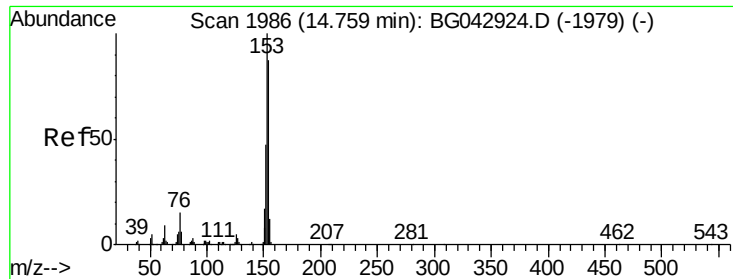
63 54.3 50.3 75.5

89 56.4 48.9 73.3



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





#52

Acenaphthene

Concen: 45.124 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

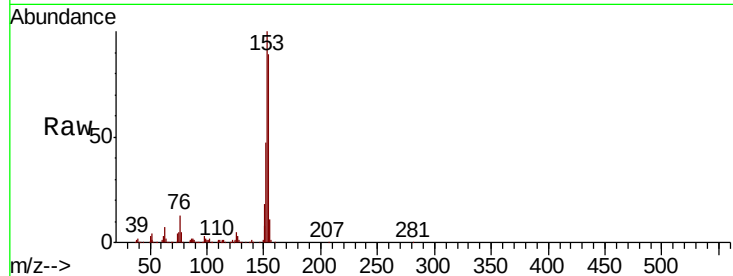
Tot Ion:154 Resp: 437393

Ion Ratio Lower Upper

154 100

153 112.6 91.4 137.0

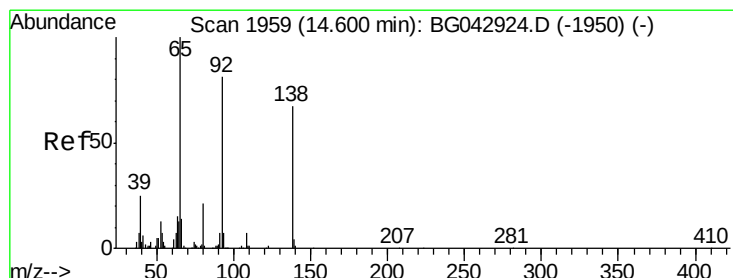
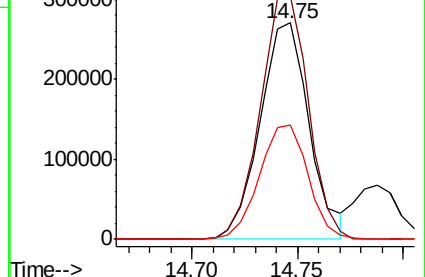
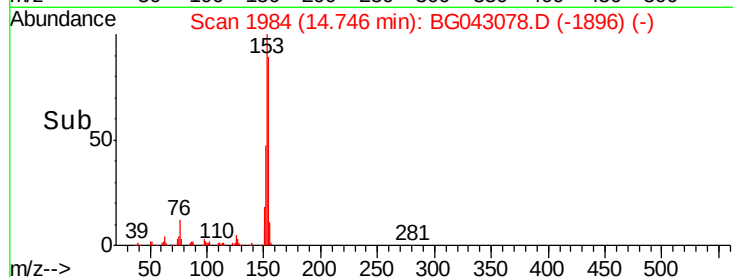
152 53.0 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 22.057 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

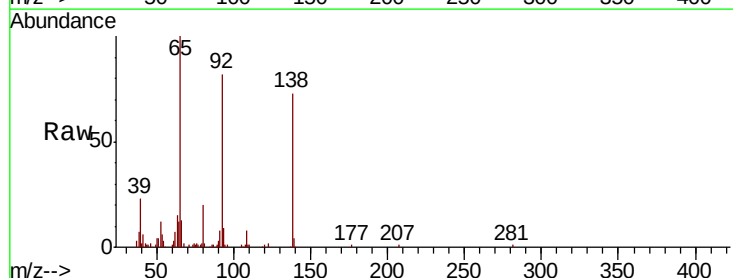
Tgt Ion:138 Resp: 60541

Ion Ratio Lower Upper

138 100

108 11.1 7.9 11.9

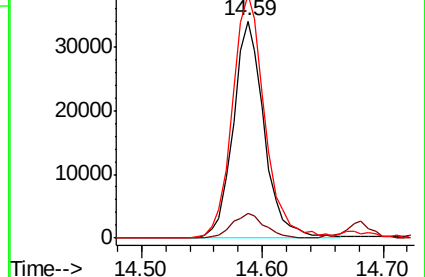
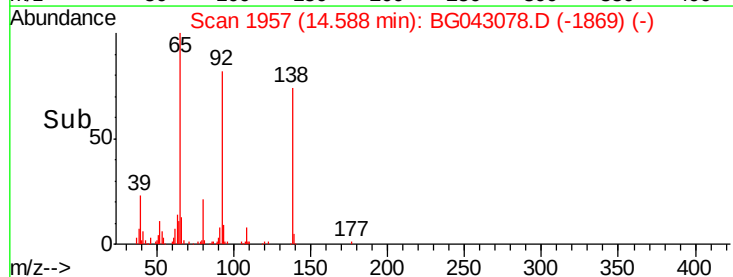
92 112.1 97.0 145.6

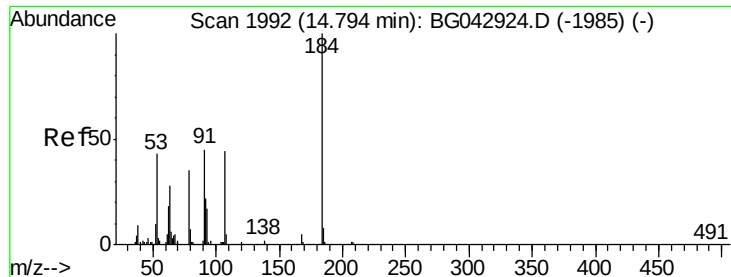


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#54

2,4-Dinitrophenol

Concen: 104.955 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

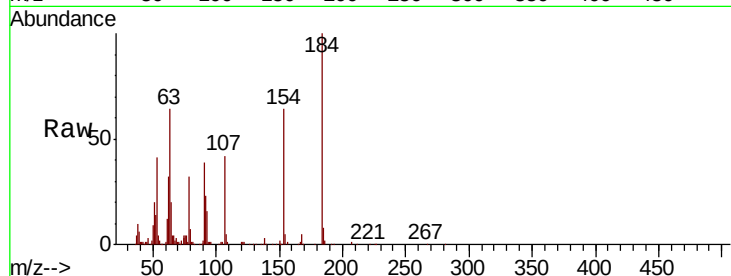
Tot Ion:184 Resp: 173268

Ion Ratio Lower Upper

184 100

63 64.4 55.0 82.6

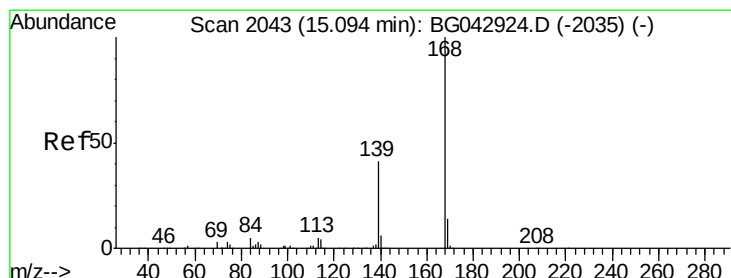
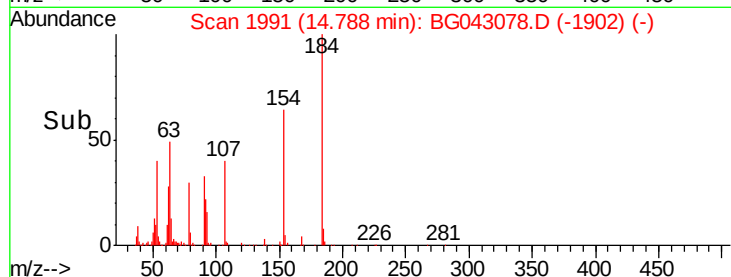
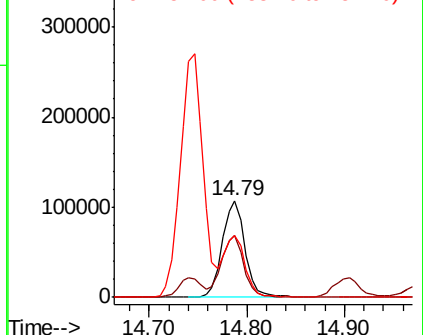
154 63.8 56.5 84.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 48.659 ng

RT: 15.08 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

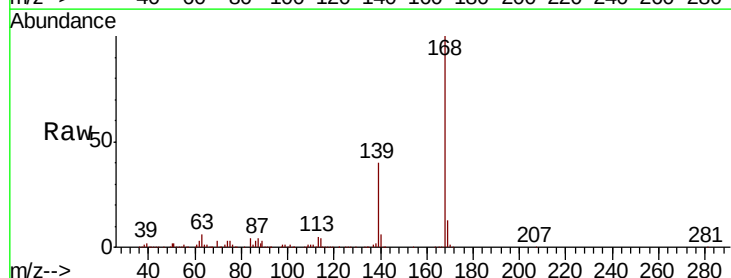
Tgt Ion:168 Resp: 697714

Ion Ratio Lower Upper

168 100

139 39.8 32.6 48.8

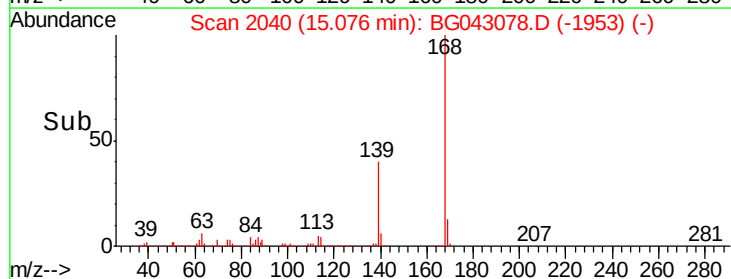
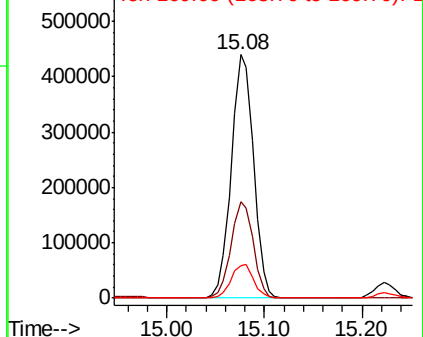
169 13.5 11.2 16.8

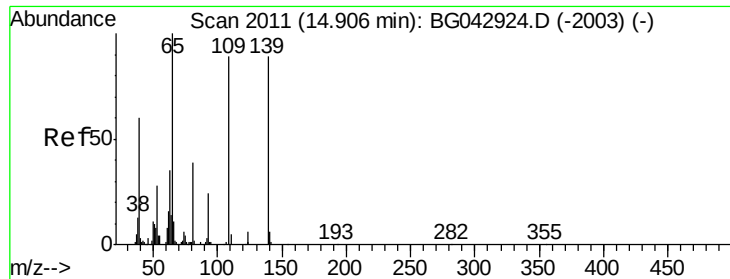


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

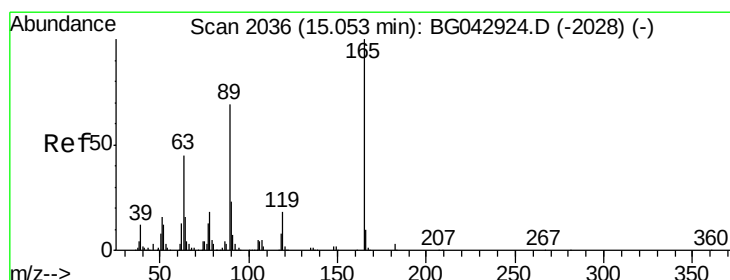
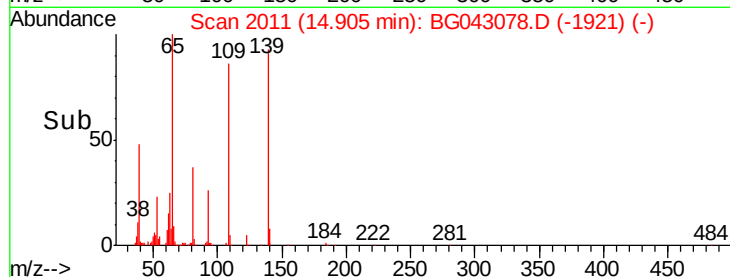
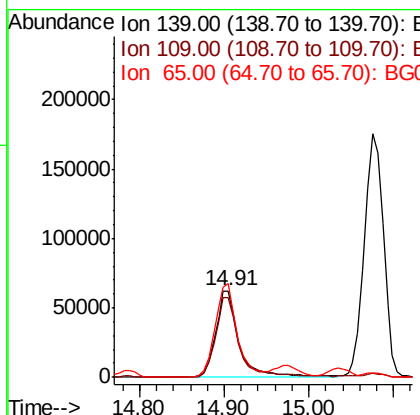
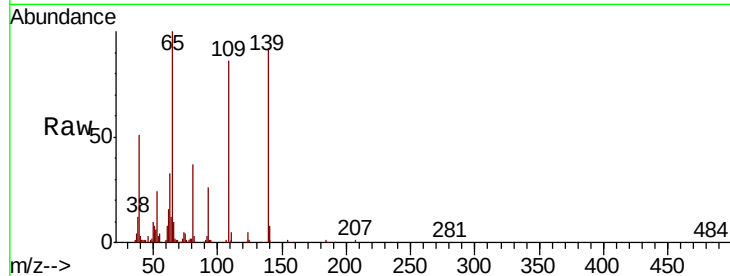




#56
4-Nitrophenol
Concen: 58.132 ng
RT: 14.91 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

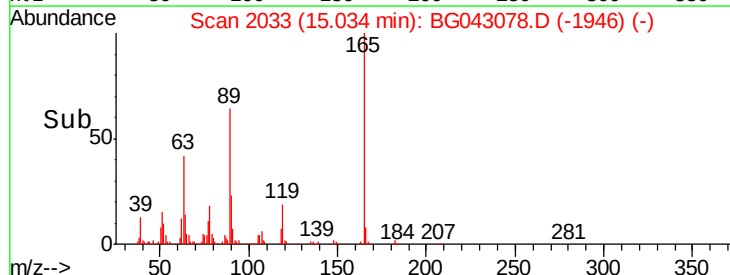
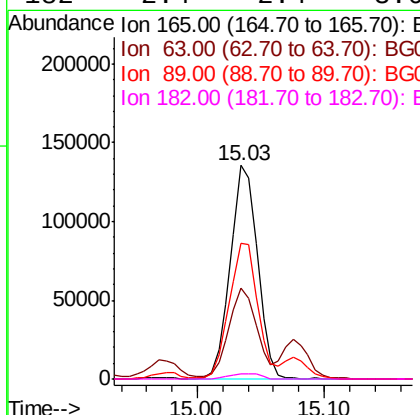
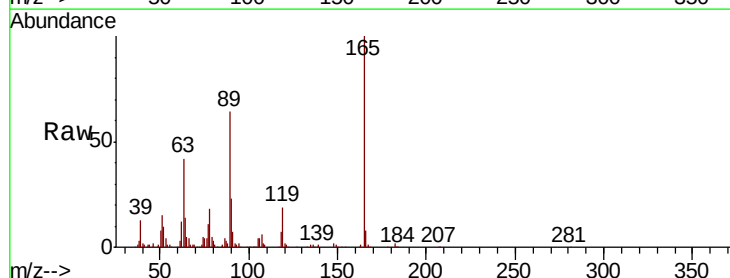
Instrument :
BNA_G
ClientSampleId :
PB123704BS

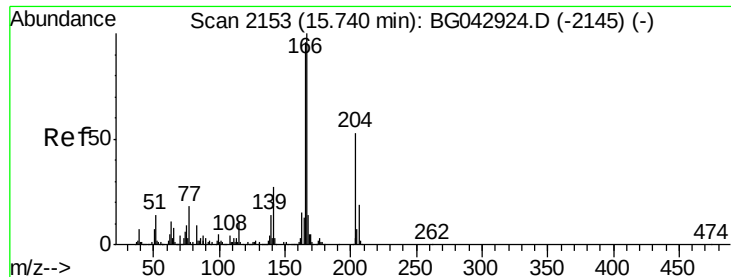
Tot Ion	Ratio	Lower	Upper
139	100		
109	92.7	79.4	119.4
65	108.2	92.5	132.5



#57
2,4-Dinitrotoluene
Concen: 51.722 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.5	36.5	54.7
89	63.7	55.5	83.3
182	2.4	2.4	3.6#





#58

Fluorene

Concen: 49.335 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

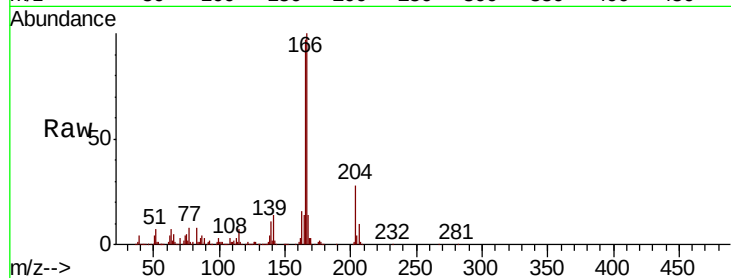
Tot Ion:166 Resp: 603949

Ion Ratio Lower Upper

166 100

165 97.0 77.1 115.7

167 14.0 11.0 16.6

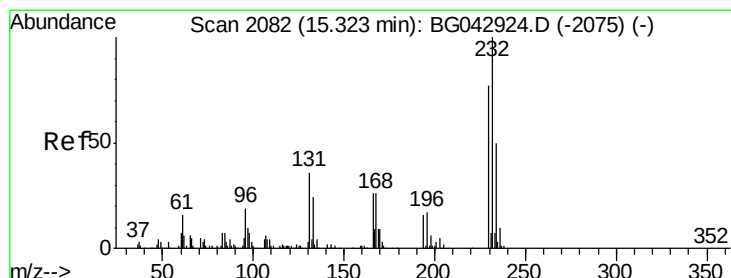
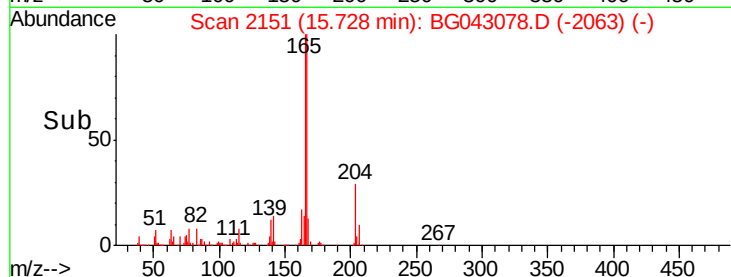
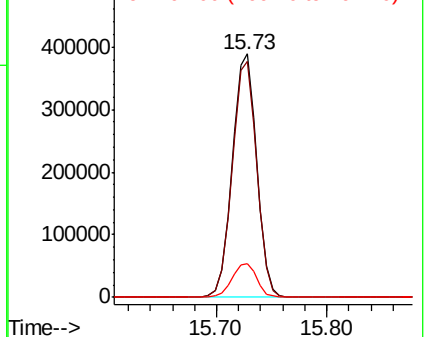


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 47.844 ng

RT: 15.22 min Scan# 2065

Delta R.T. -0.10 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Tgt Ion:232 Resp: 192231

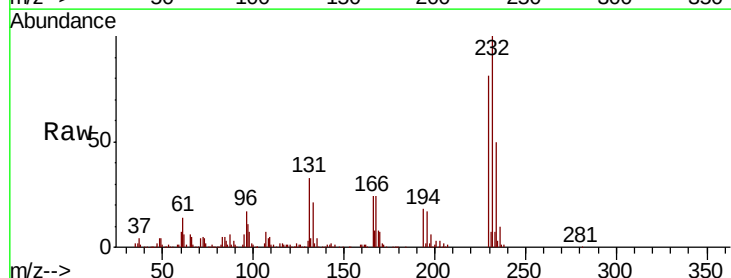
Ion Ratio Lower Upper

232 100

131 32.5 29.6 44.4

130 2.3 1.9 2.9

166 22.2 21.8 32.8



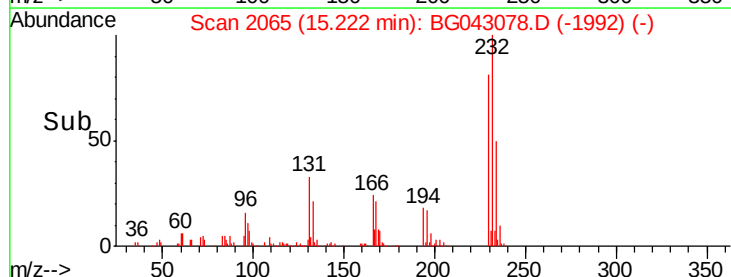
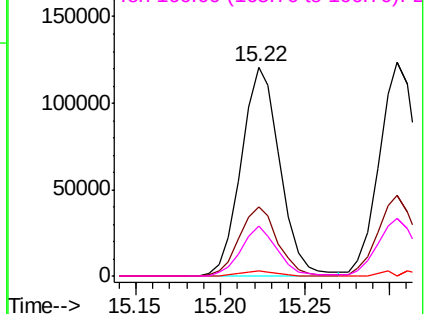
Abundance

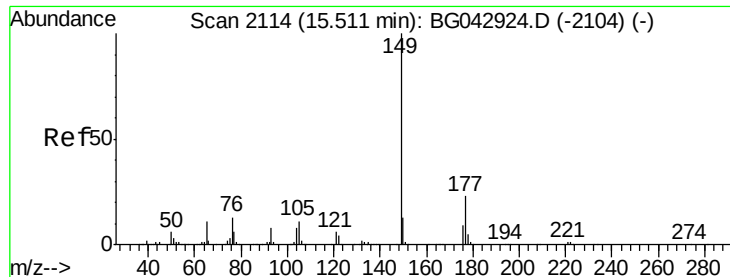
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

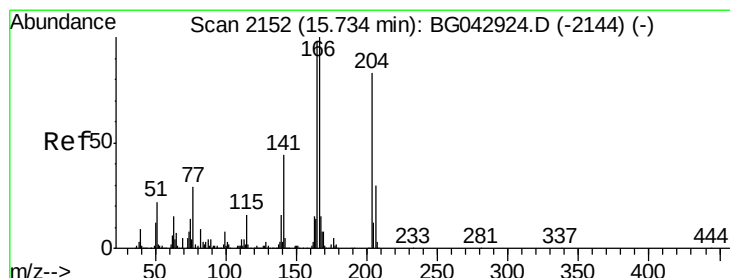
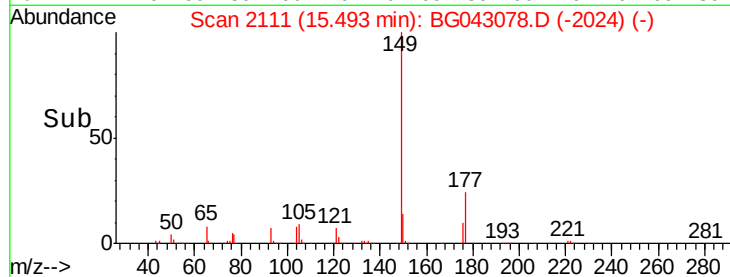
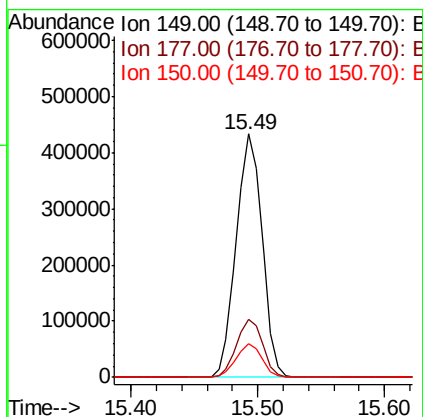
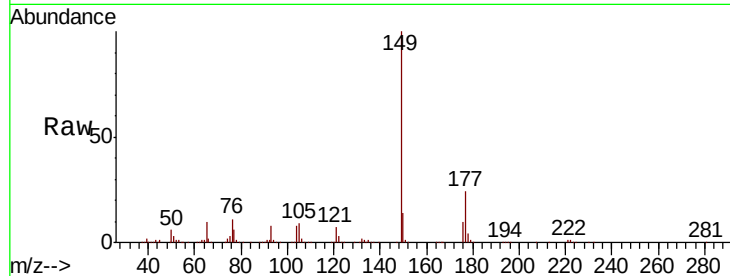




#60
Diethylphthalate
Concen: 48.238 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

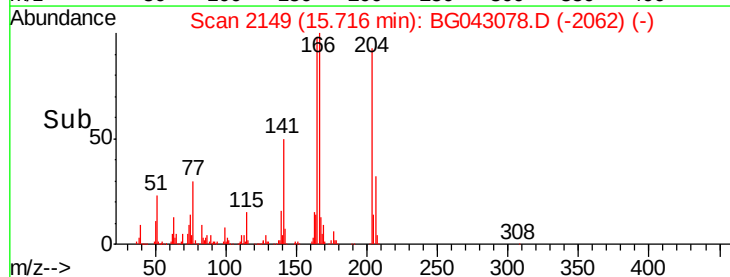
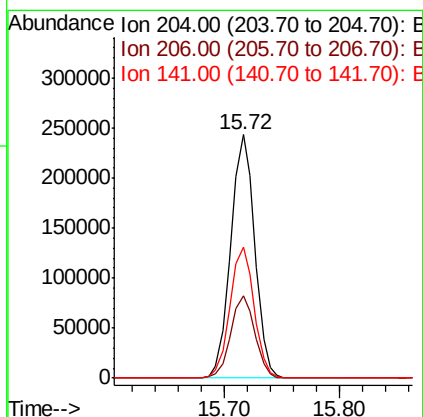
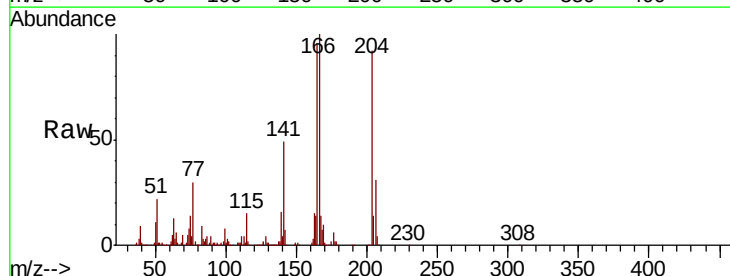
Instrument :
BNA_G
ClientSampleId :
PB123704BS

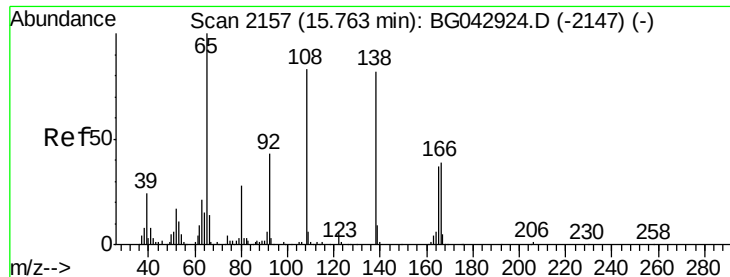
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.8	28.2
150	13.7	10.6	15.8



#61
4-Chlorophenyl-phenylether
Concen: 47.649 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	28.5	42.7
141	53.8	42.4	63.6





#62

4-Nitroaniline

Concen: 44.108 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

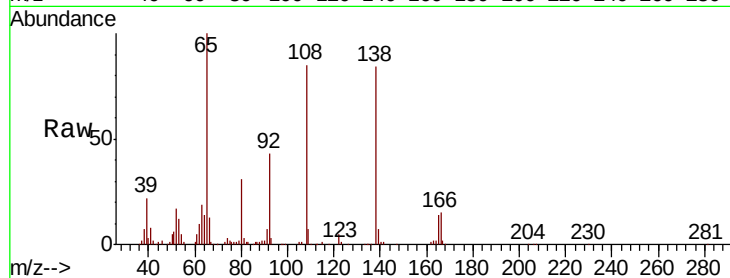
Tot Ion:138 Resp: 132038

Ion Ratio Lower Upper

138 100

92 51.9 32.9 72.9

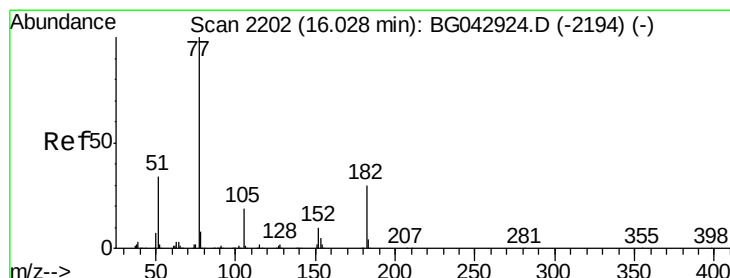
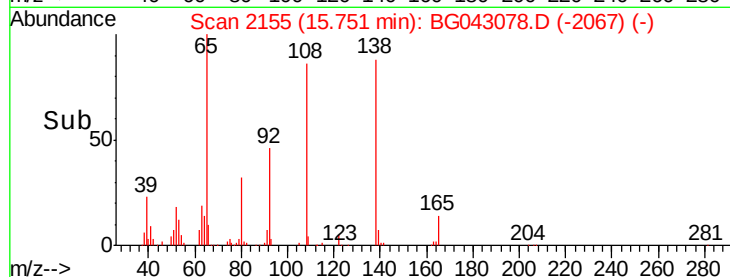
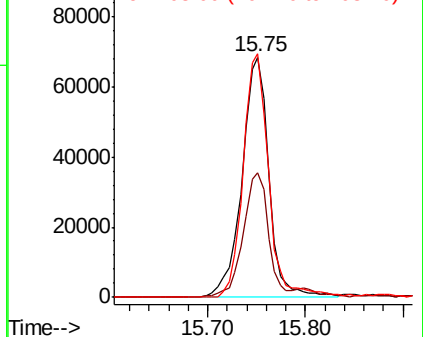
108 101.5 81.3 121.3



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: 45.793 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Tgt Ion: 77 Resp: 529164

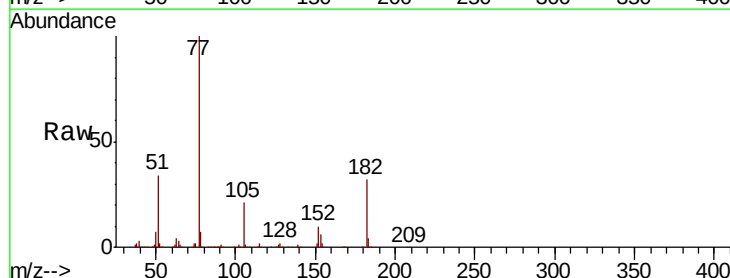
Ion Ratio Lower Upper

77 100

182 32.1 10.2 50.2

105 20.7 0.0 39.1

51 33.8 13.9 53.9

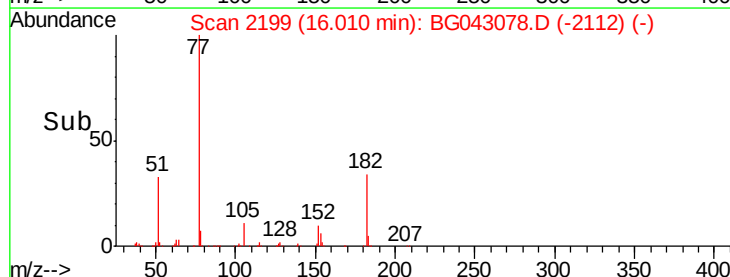
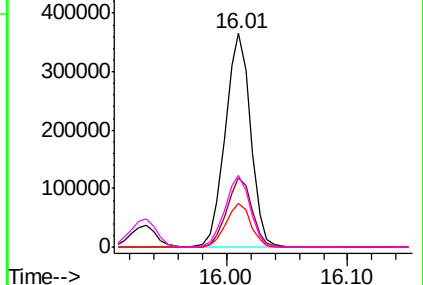


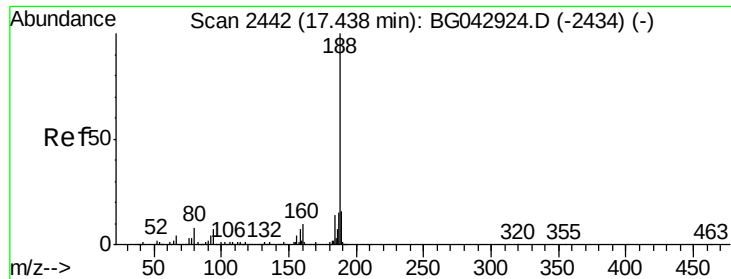
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

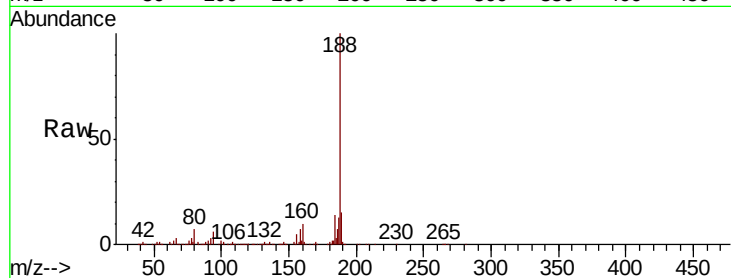
Tot Ion:188 Resp: 416346

Ion Ratio Lower Upper

188 100

94 5.5 5.7 8.5#

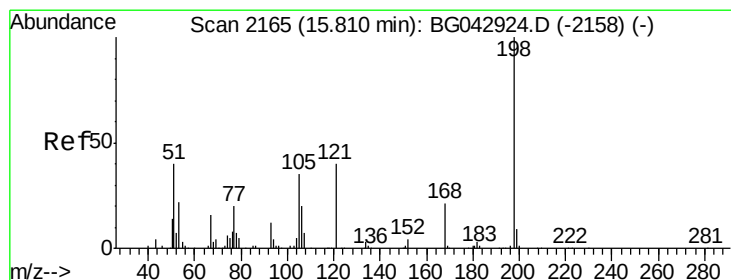
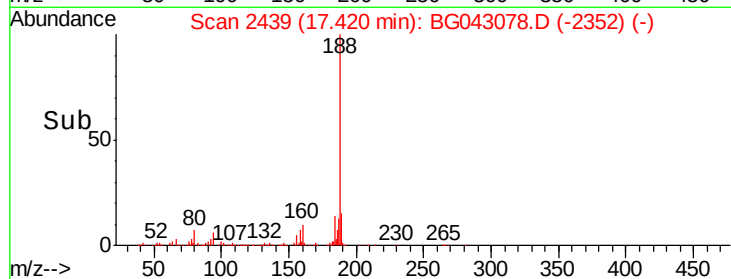
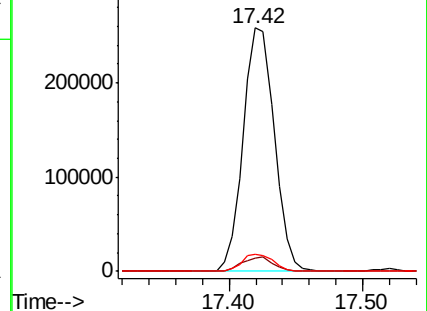
80 7.1 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

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: 57.878 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

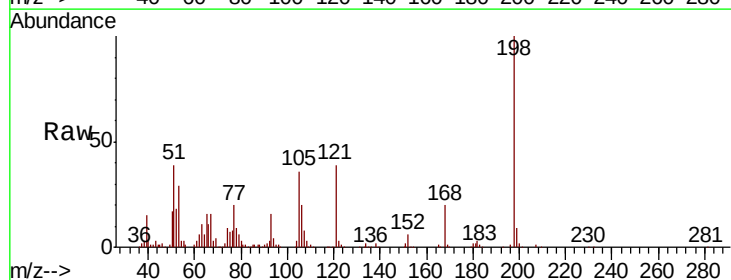
Tgt Ion:198 Resp: 136359

Ion Ratio Lower Upper

198 100

51 39.2 25.3 65.3

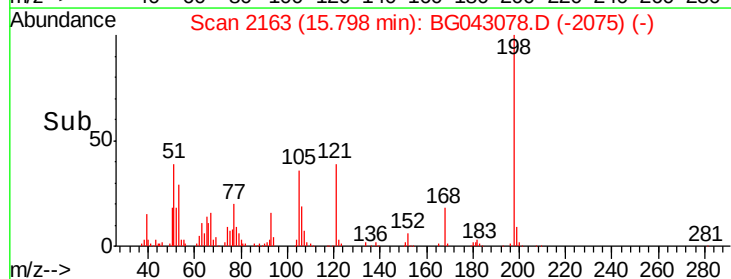
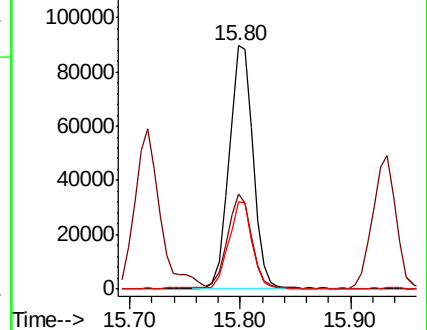
105 36.1 16.6 56.6

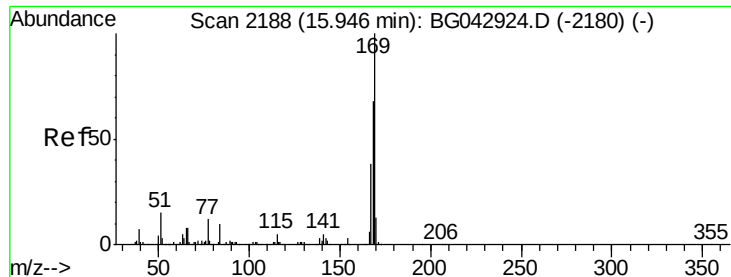


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

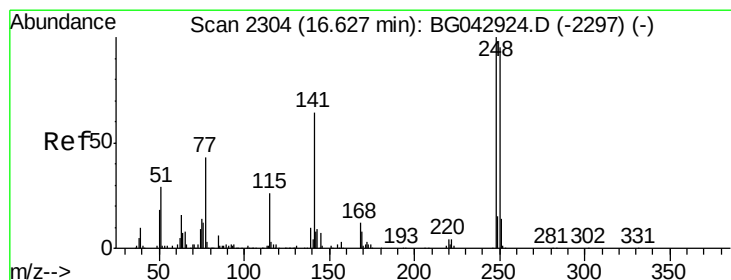
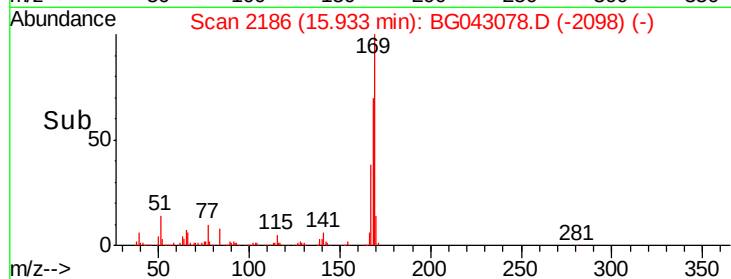
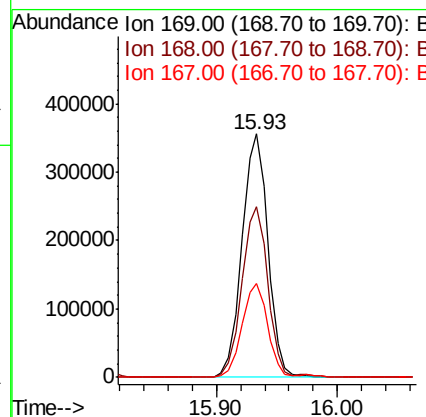
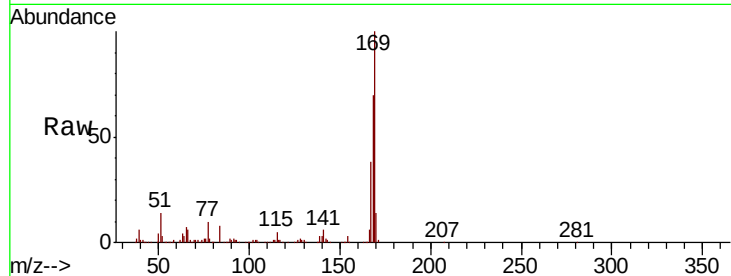




#66
 n-Nitrosodiphenylamine
 Concen: 48.385 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

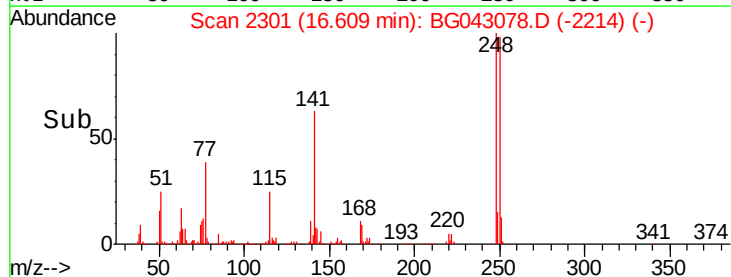
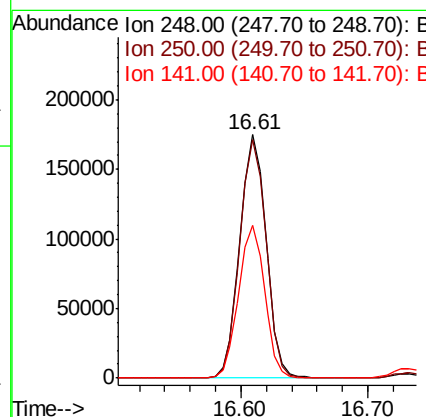
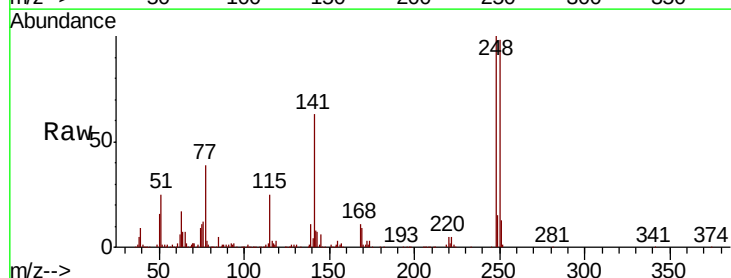
Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

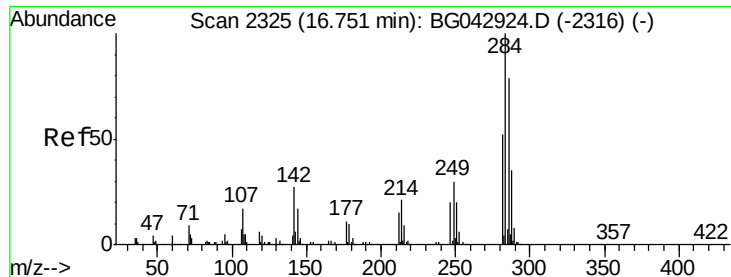
Tot Ion	Ratio	Lower	Upper
169	100		
168	70.3	54.8	82.2
167	38.4	30.6	46.0



#67
 4-Bromophenyl-phenylether
 Concen: 48.157 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	75.8	113.8
141	62.8	51.1	76.7

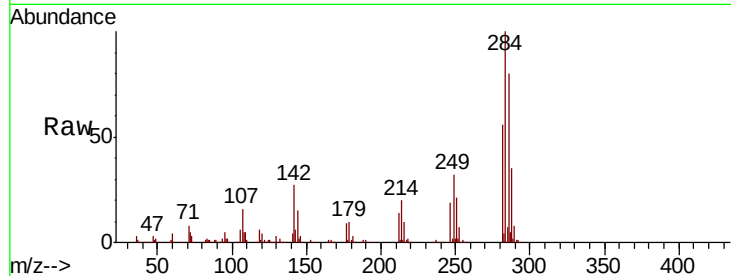




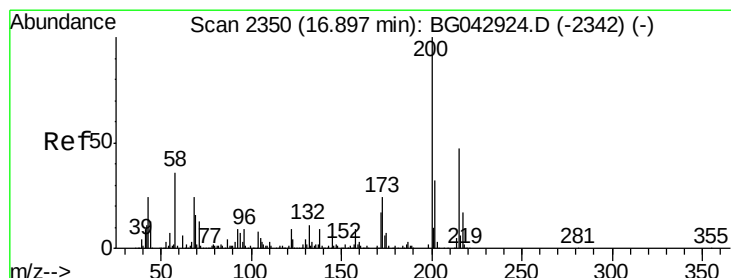
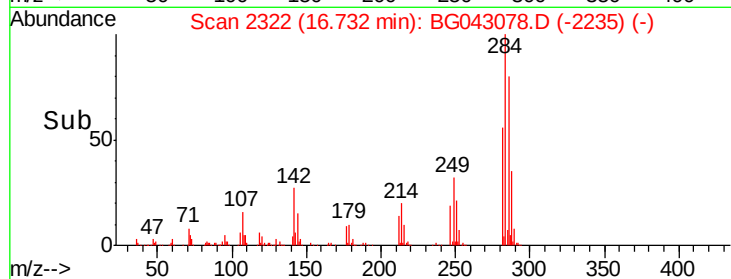
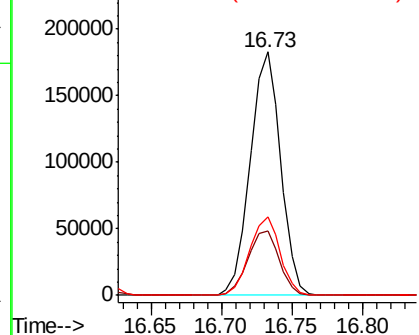
#68
Hexachlorobenzene
Concen: 47.581 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.5	21.6	32.4
249	32.2	24.1	36.1

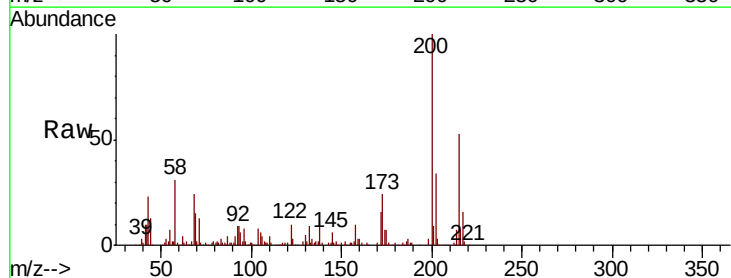


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

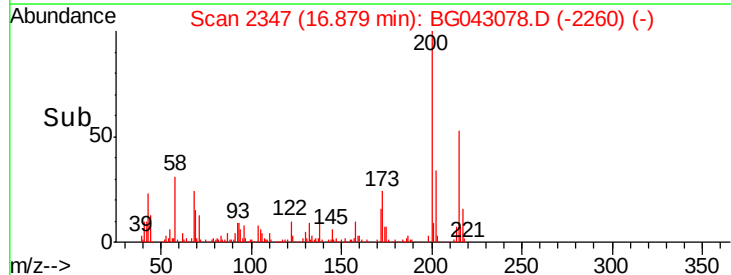
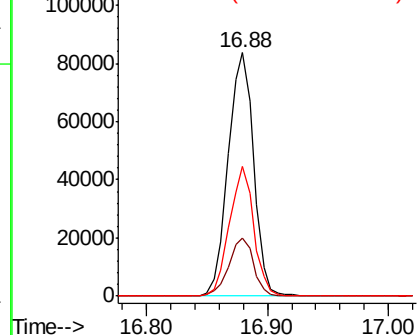


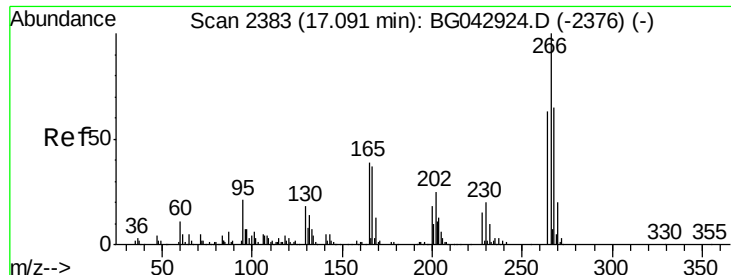
#69
Atrazine
Concen: 26.395 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.7	4.0	44.0
215	53.5	27.4	67.4



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

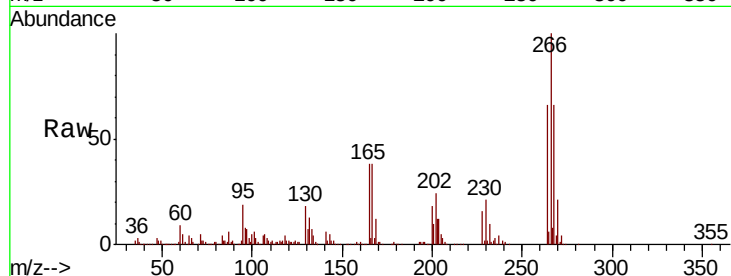




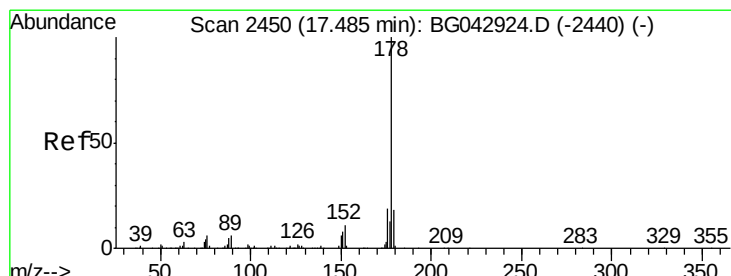
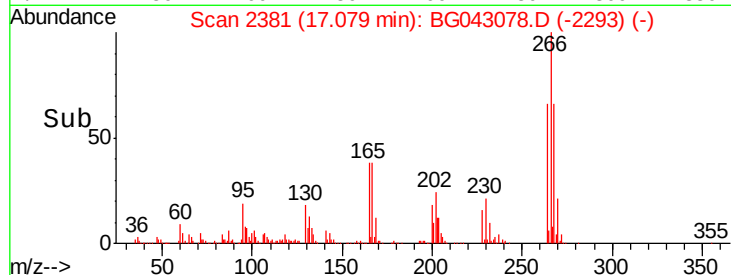
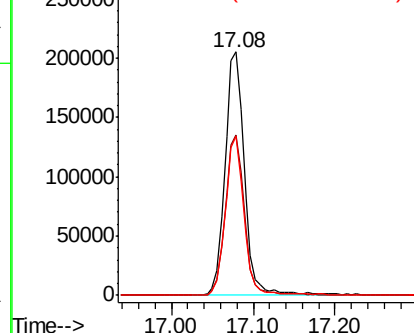
#70
 Pentachlorophenol
 Concen: 100.874 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	52.2	78.2
264	65.5	50.7	76.1

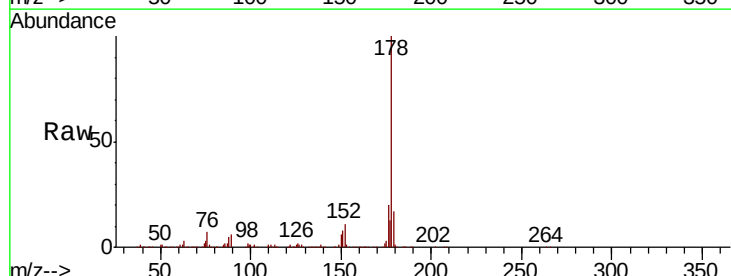


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

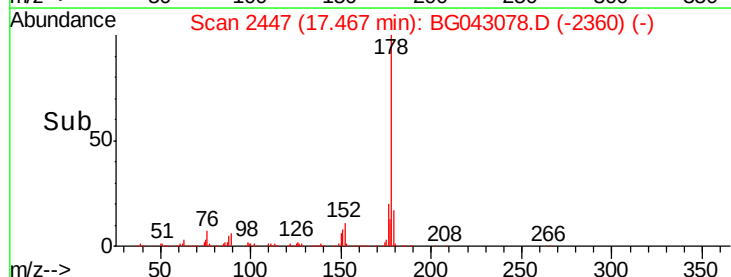
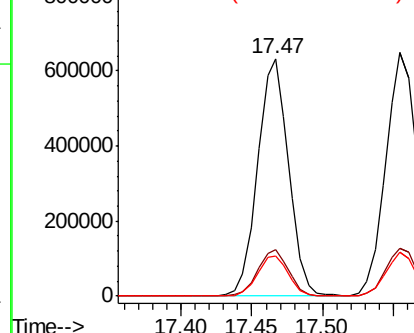


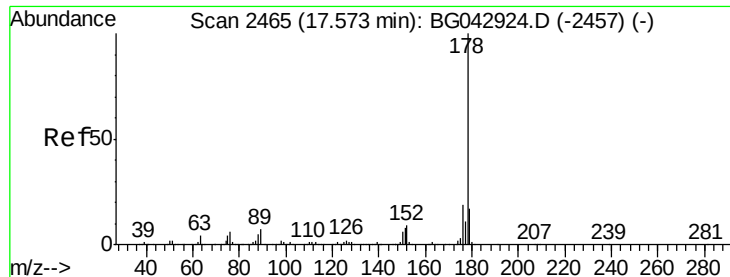
#71
 Phenanthrene
 Concen: 47.829 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	16.6	14.1	21.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

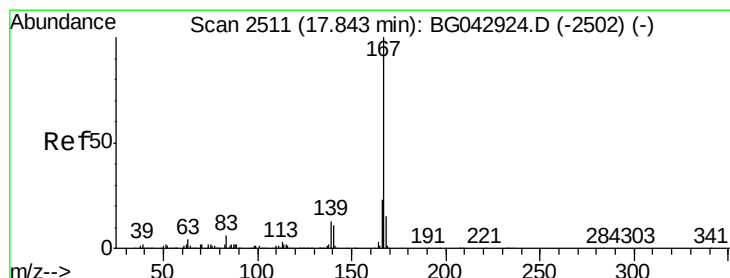
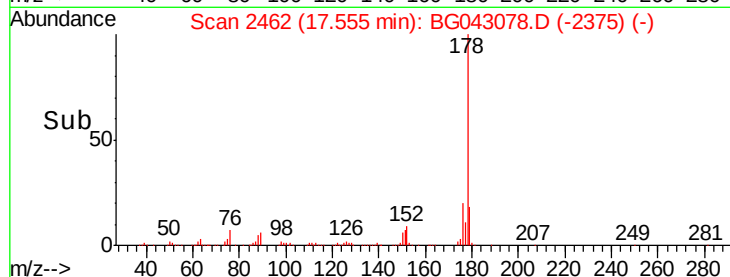
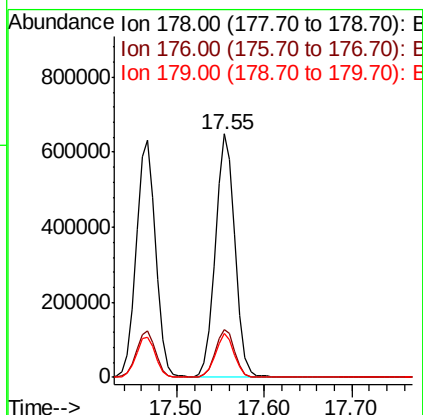
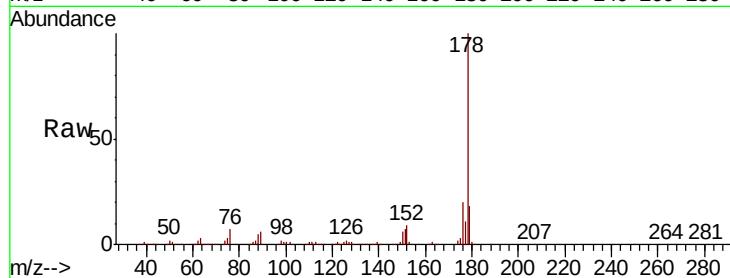




#72
 Anthracene
 Concen: 49.325 ng
 RT: 17.55 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

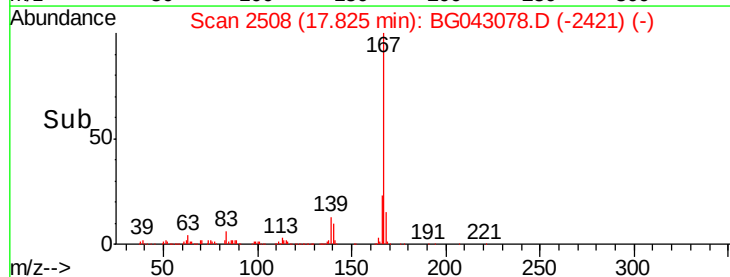
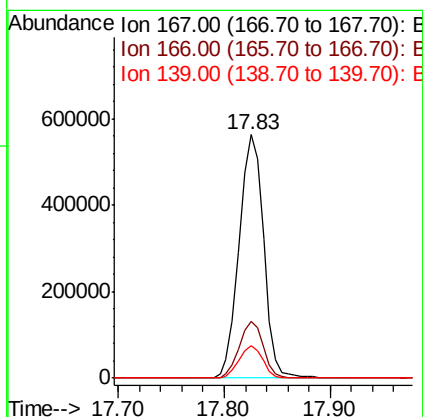
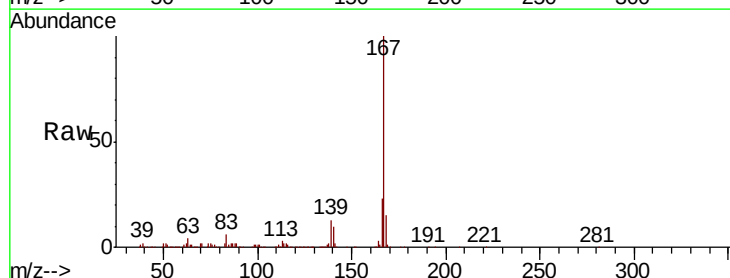
Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

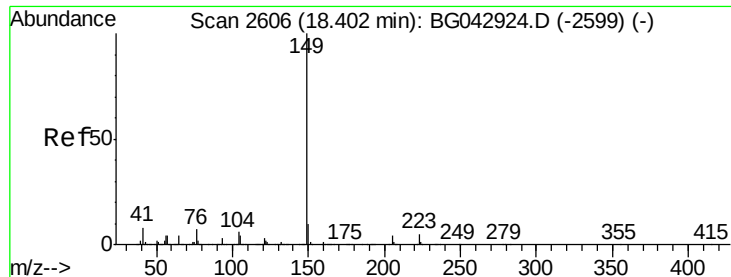
Tot Ion:178 Resp: 1000900
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.5 23.3
 179 18.0 13.5 20.3



#73
 Carbazole
 Concen: 47.991 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion:167 Resp: 903045
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.6 28.0
 139 13.3 10.8 16.2





#74

Di-n-butylphthalate

Concen: 47.396 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

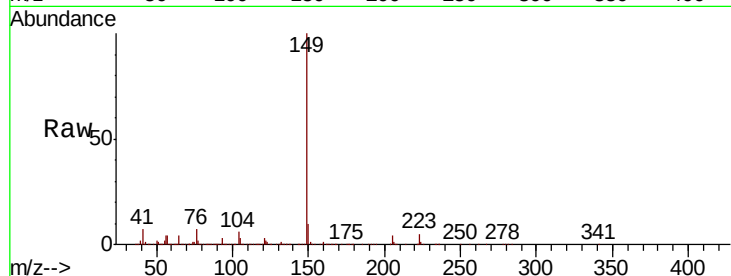
Tot Ion:149 Resp: 1064092

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

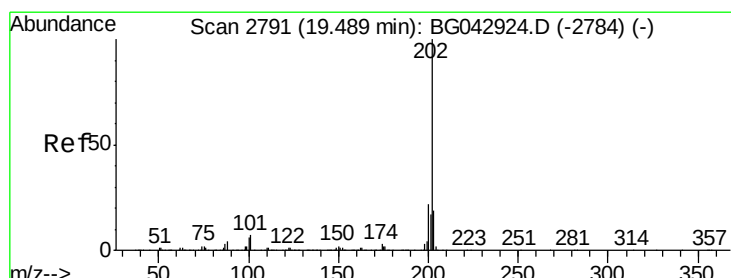
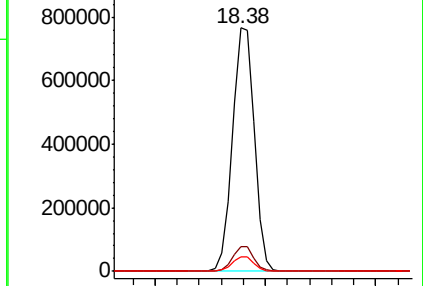
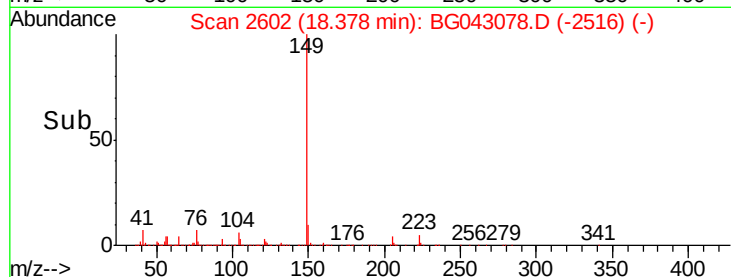
104 6.0 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 46.762 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

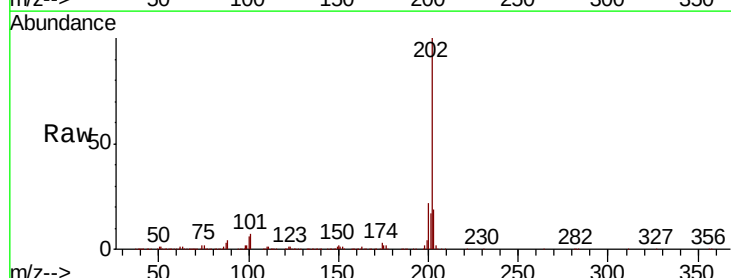
Tgt Ion:202 Resp: 1257193

Ion Ratio Lower Upper

202 100

101 7.3 0.0 27.3

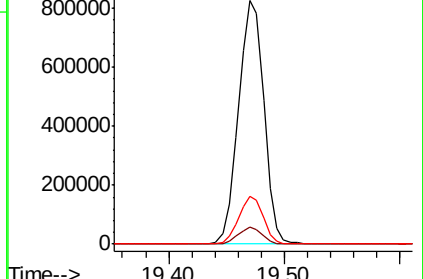
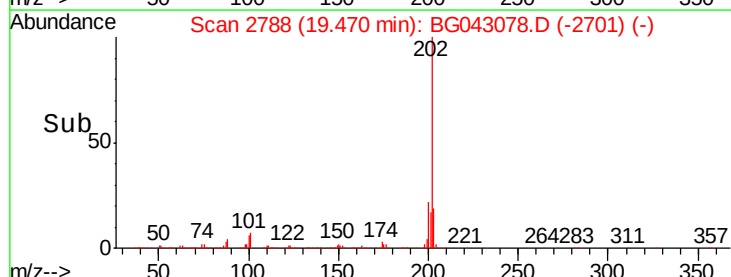
203 19.5 0.0 39.5

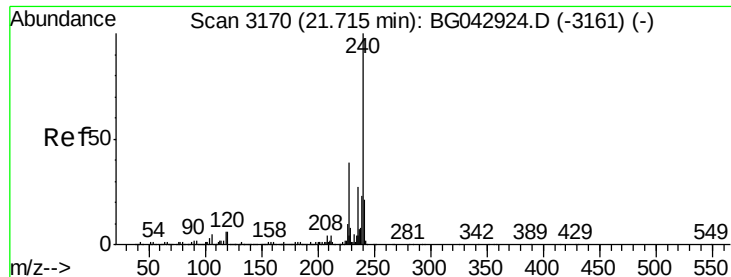


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

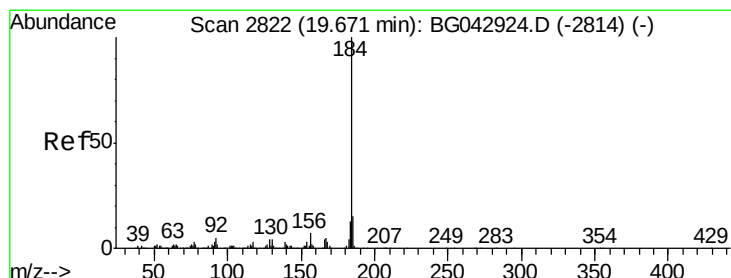
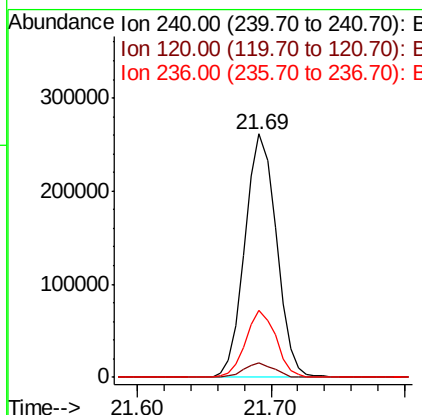
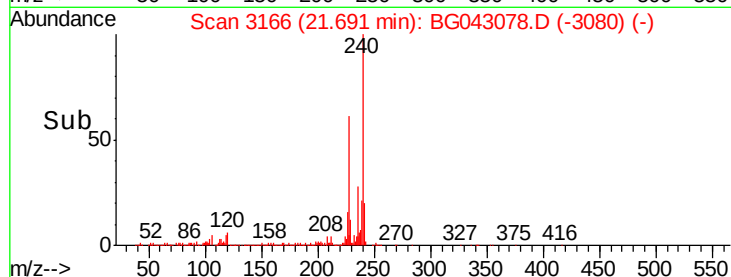
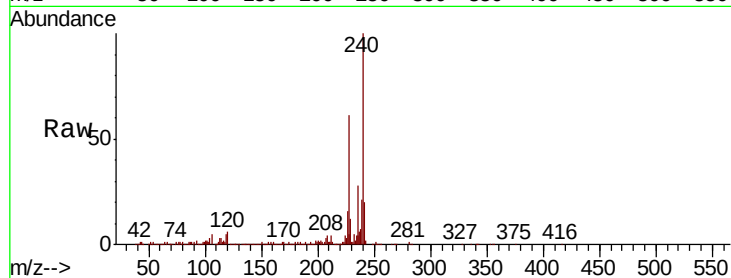




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

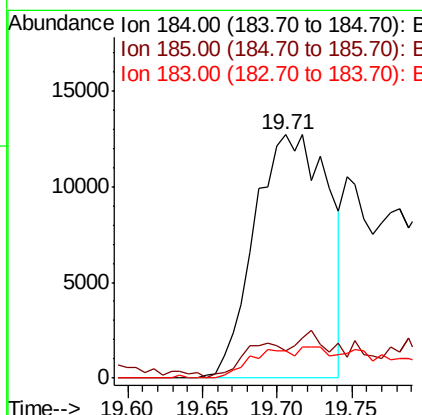
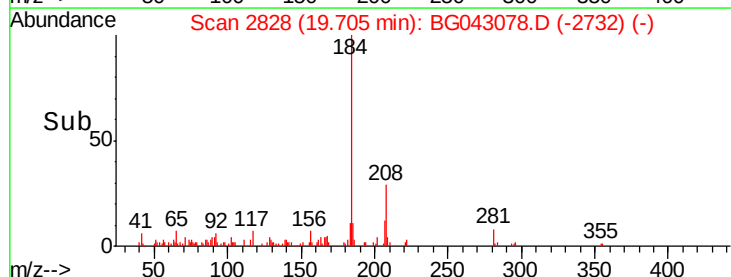
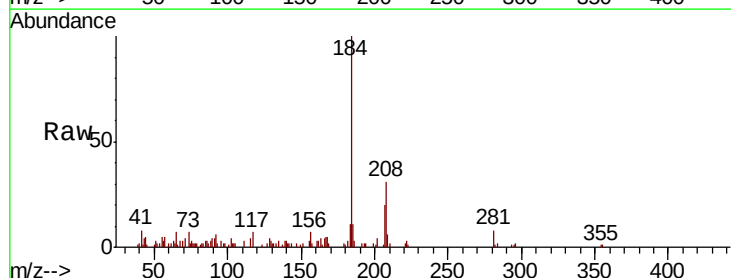
Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

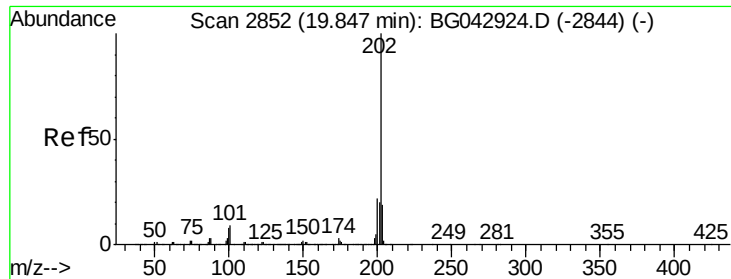
Tot Ion:240 Resp: 425927
 Ion Ratio Lower Upper
 240 100
 120 5.7 4.8 7.2
 236 27.5 21.4 32.0



#77
 Benzidine
 Concen: 4.104 ng
 RT: 19.71 min Scan# 2828
 Delta R.T. 0.03 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion:184 Resp: 43767
 Ion Ratio Lower Upper
 184 100
 185 11.2 11.8 17.8#
 183 11.3 10.1 15.1

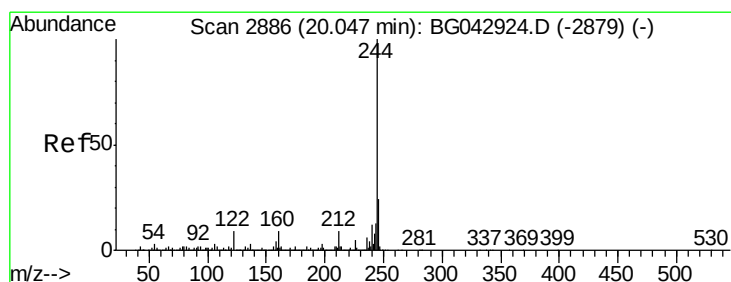
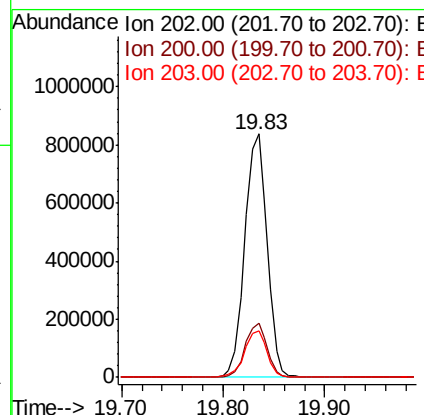
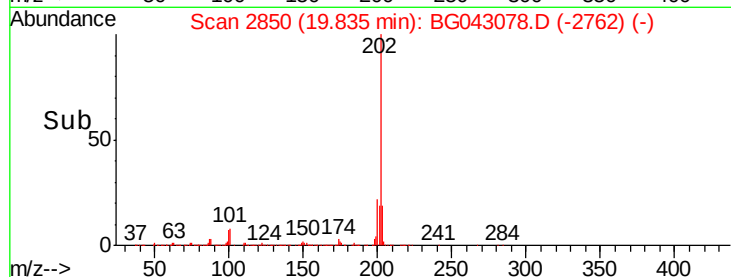
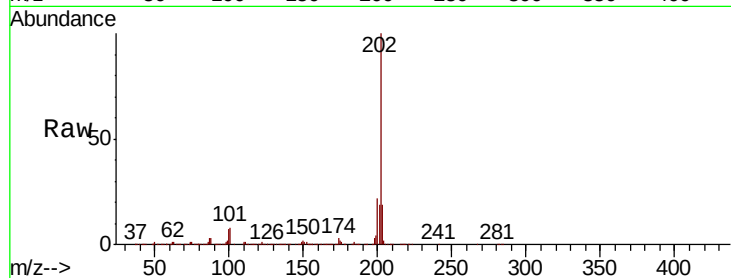




#78
Pvrene
Concen: 50.299 ng
RT: 19.83 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

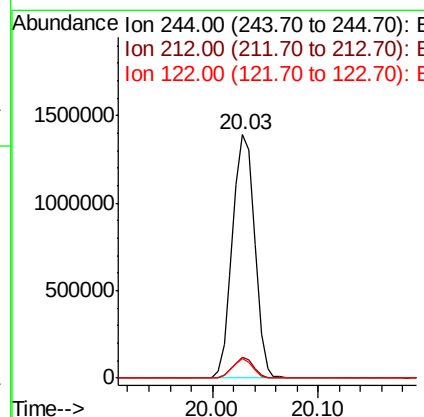
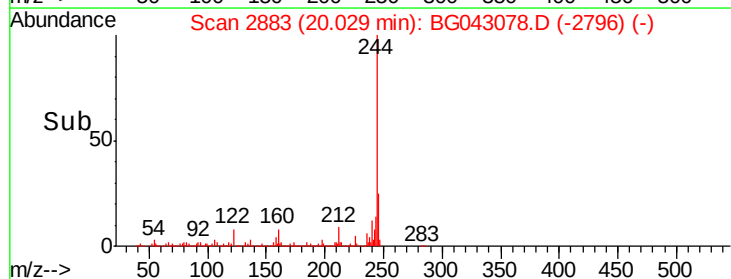
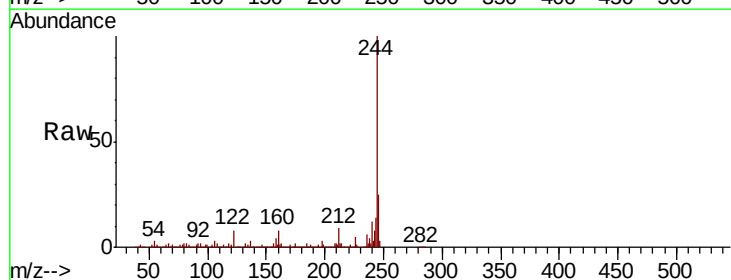
Instrument :
BNA_G
ClientSampleId :
PB123704BS

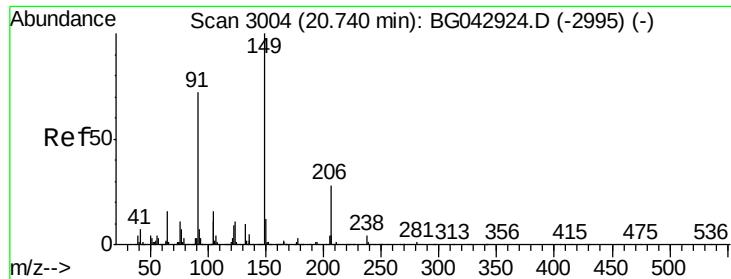
Tot Ion:202 Resp: 1278699
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 18.9 15.2 22.8



#79
Terphenyl-d14
Concen: 101.350 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion:244 Resp: 2025808
Ion Ratio Lower Upper
244 100
212 8.8 7.4 11.0
122 8.1 7.0 10.4

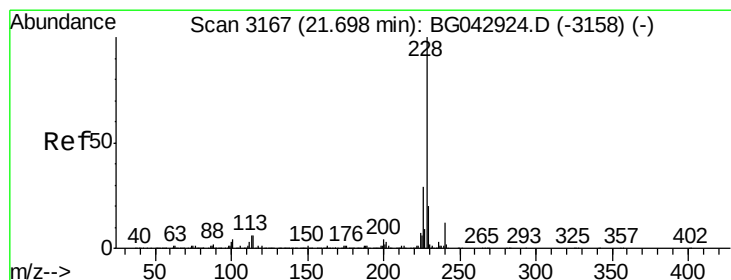
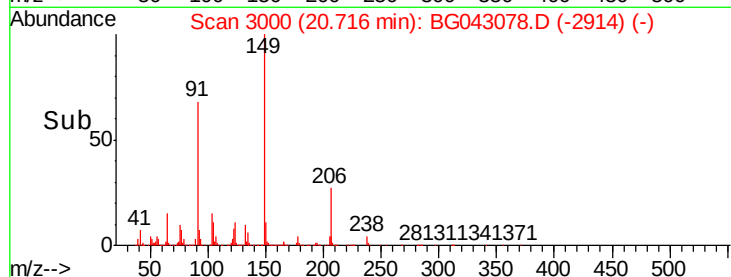
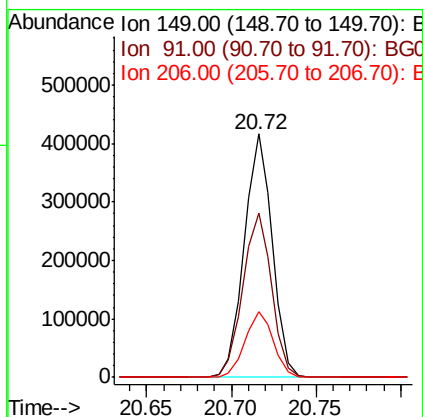
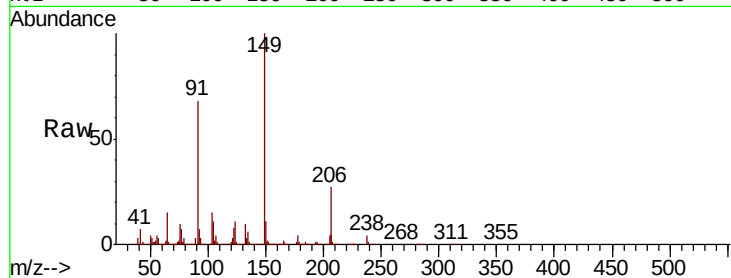




#80
Butylbenzylphthalate
Concen: 49.847 ng
RT: 20.72 min Scan# 3000
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

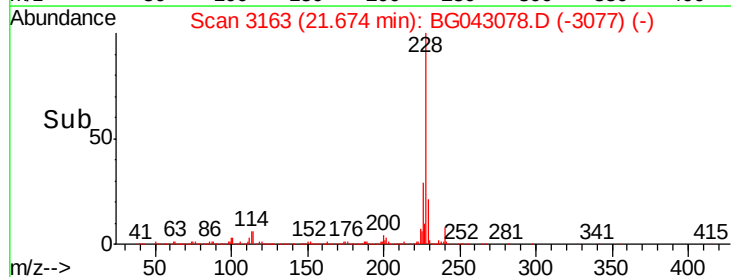
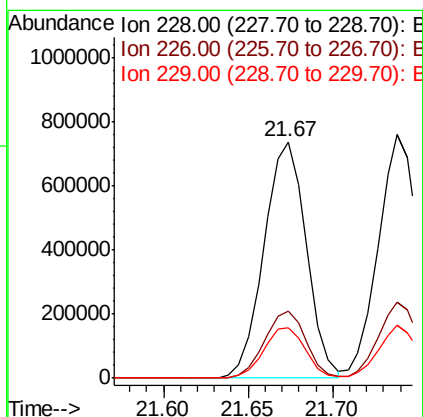
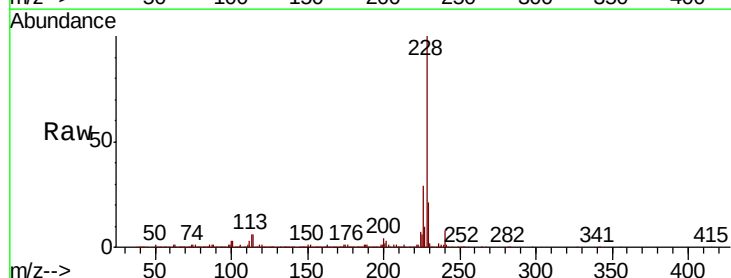
Instrument :
BNA_G
ClientSampleId :
PB123704BS

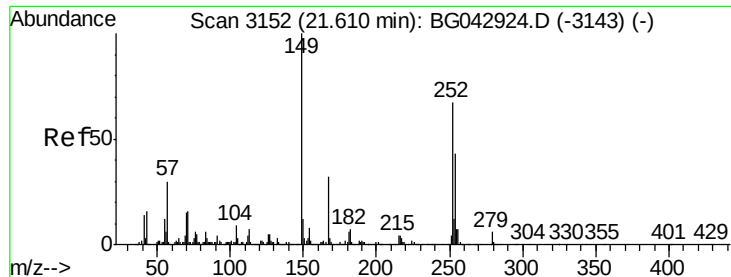
Tot Ion:149 Resp: 480998
Ion Ratio Lower Upper
149 100
91 67.7 57.7 86.5
206 27.0 22.6 33.8



#81
Benzo(a)anthracene
Concen: 47.880 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion:228 Resp: 1270693
Ion Ratio Lower Upper
228 100
226 28.5 23.0 34.4
229 21.4 16.3 24.5

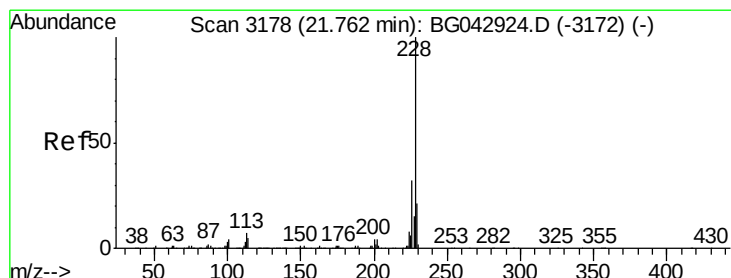
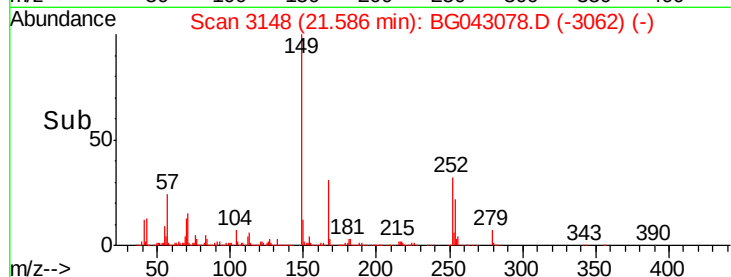
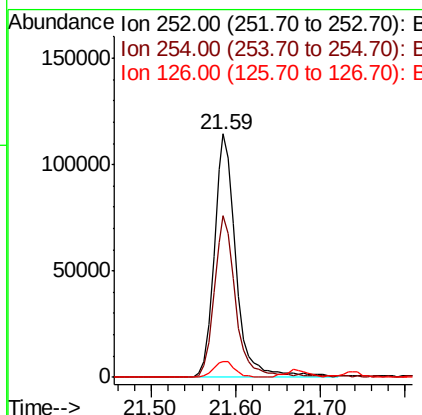
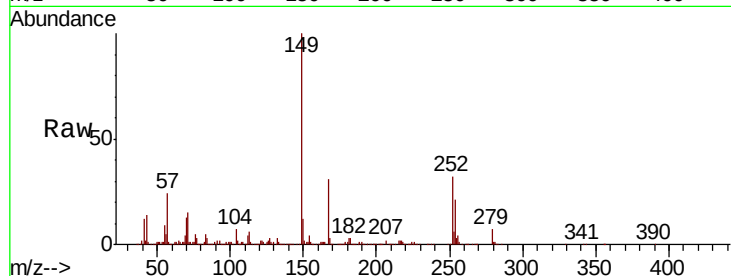




#82
 3,3'-Dichlorobenzidine
 Concen: 19.838 ng
 RT: 21.59 min Scan# 3148
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

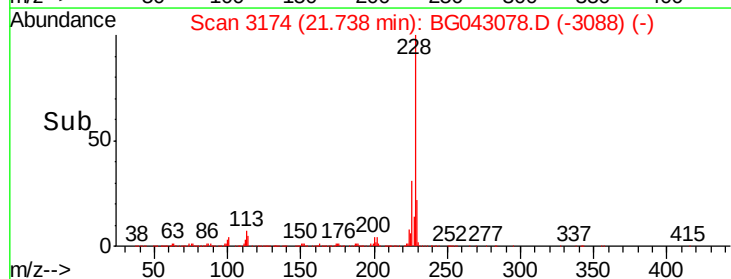
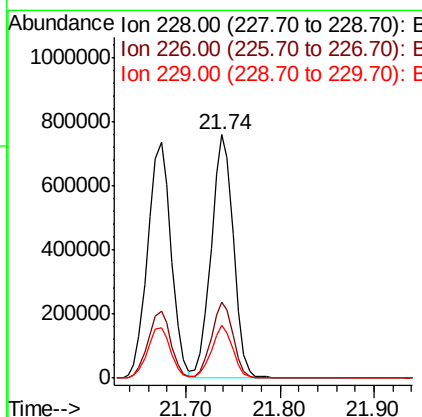
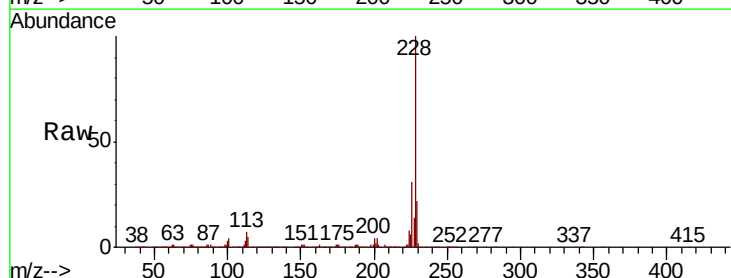
Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

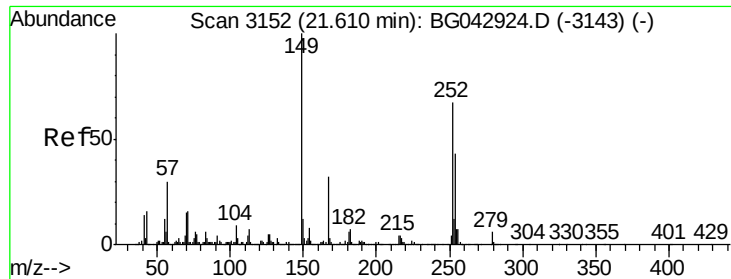
Tot Ion:252 Resp: 206489
 Ion Ratio Lower Upper
 252 100
 254 66.4 51.9 77.9
 126 6.5 6.1 9.1



#83
 Chrysene
 Concen: 48.795 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion:228 Resp: 1256682
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.6 38.4
 229 21.9 16.9 25.3

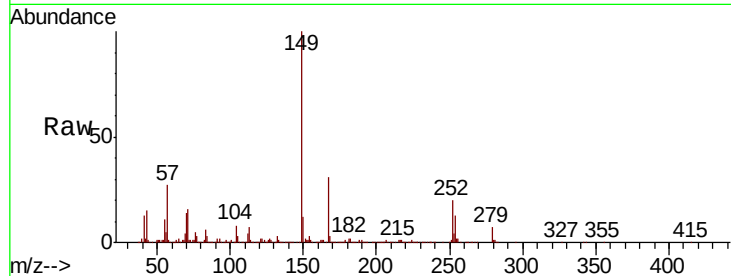




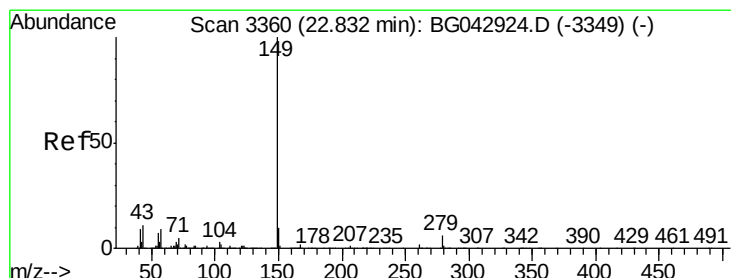
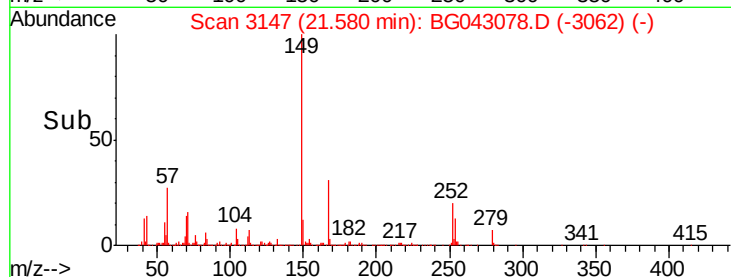
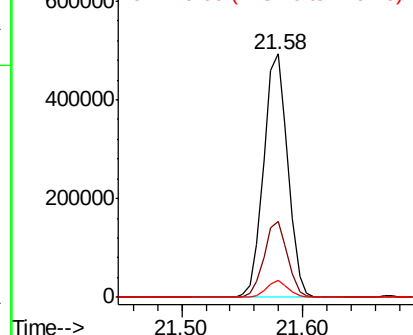
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.580 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.03 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

Tot Ion:149 Resp: 680771
 Ion Ratio Lower Upper
 149 100
 167 31.4 25.4 38.2
 279 7.1 5.1 7.7

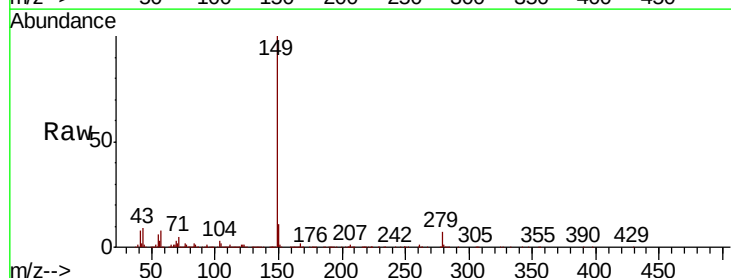


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

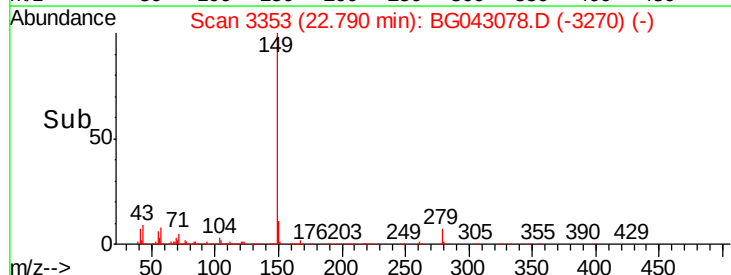
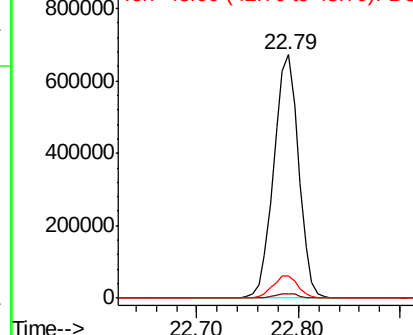


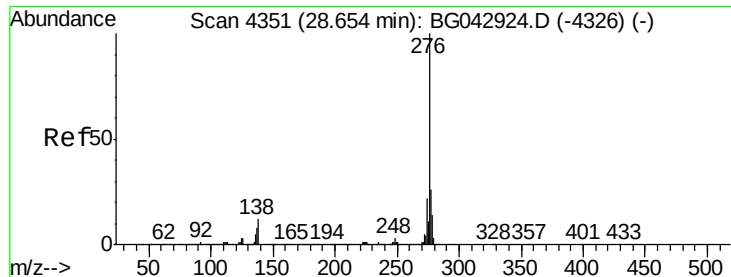
#85
 Di-n-octyl phthalate
 Concen: 50.982 ng
 RT: 22.79 min Scan# 3353
 Delta R.T. -0.04 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion:149 Resp: 1144668
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.0
 43 9.2 8.7 13.1



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





#86

Indeno(1,2,3-cd)pyrene

Concen: 51.769 ng

RT: 28.58 min Scan# 4338

Delta R.T. -0.08 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

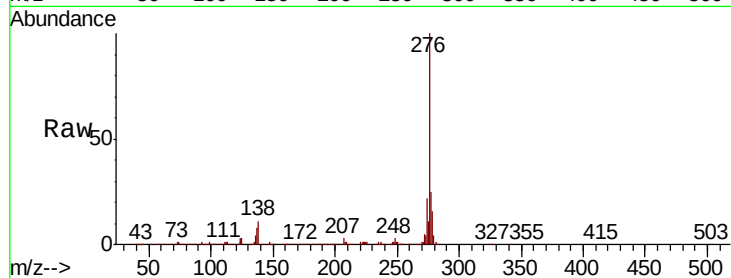
Tot Ion:276 Resp: 1659796

Ion Ratio Lower Upper

276 100

138 5.1 7.0 10.6#

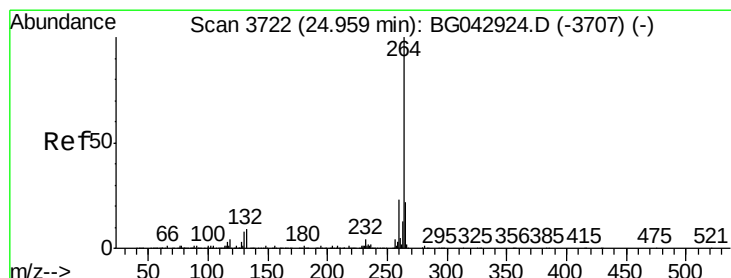
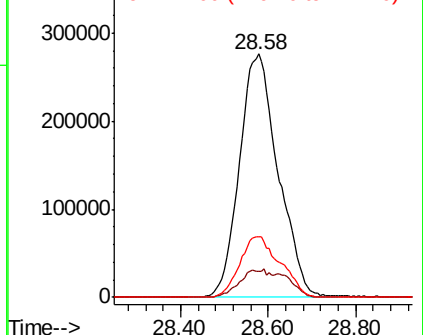
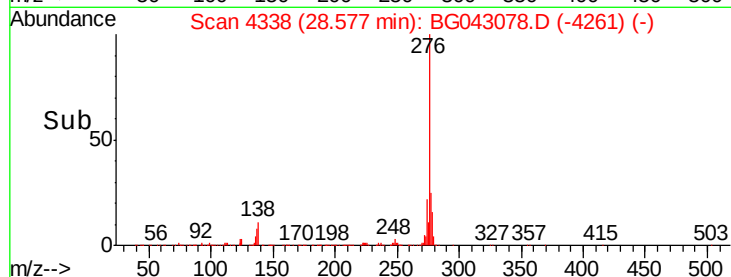
277 26.3 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3713

Delta R.T. -0.05 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

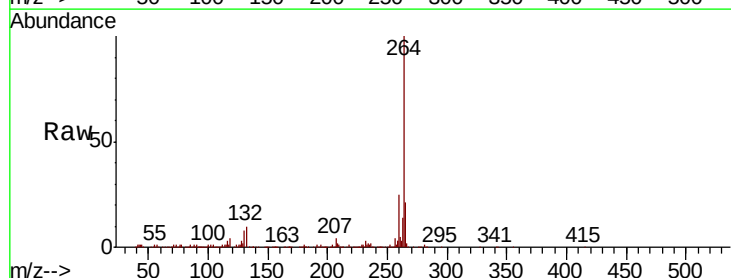
Tgt Ion:264 Resp: 503617

Ion Ratio Lower Upper

264 100

260 24.8 18.7 28.1

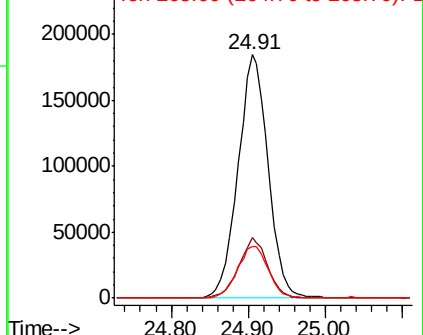
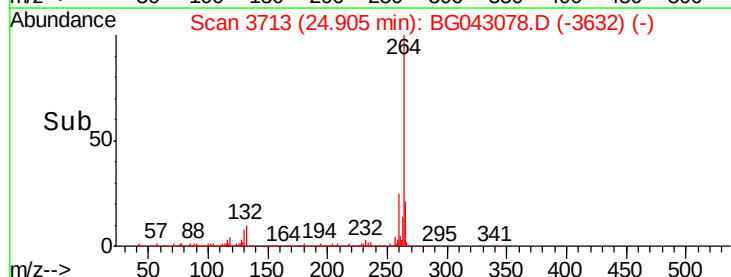
265 21.5 17.7 26.5

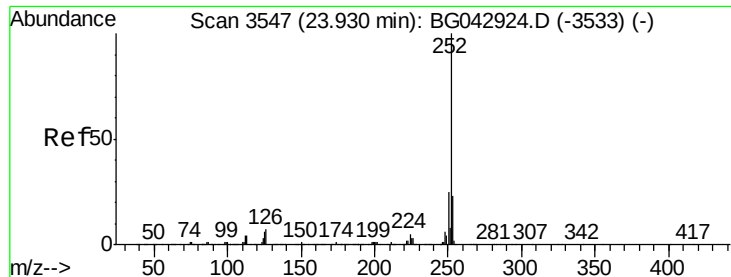


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

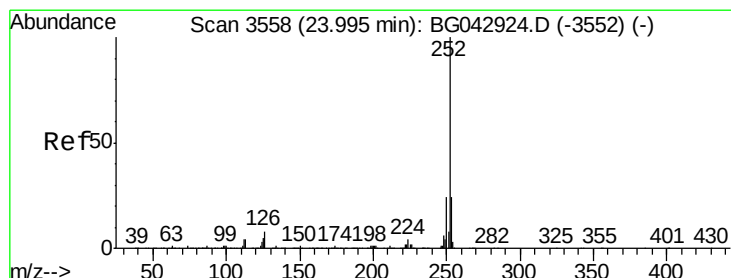
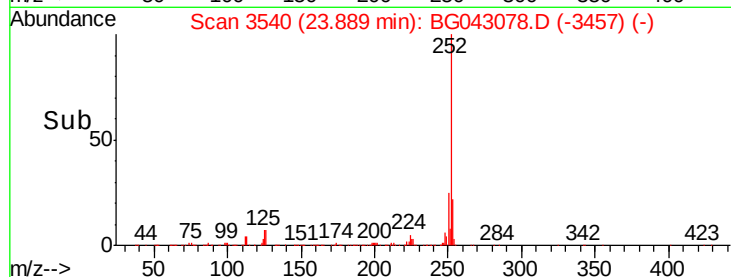
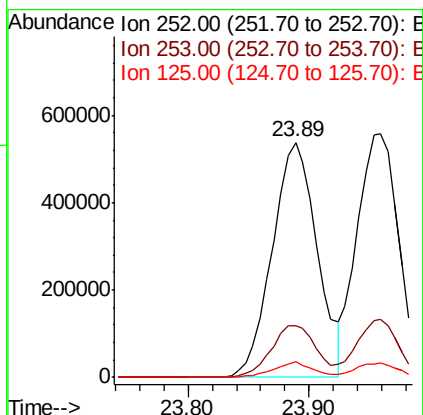
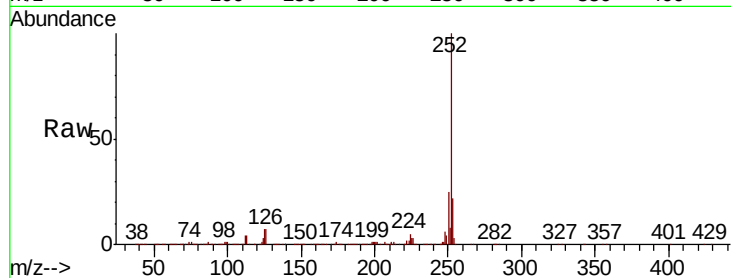




#88
Benzo(b)fluoranthene
Concen: 48.569 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.04 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

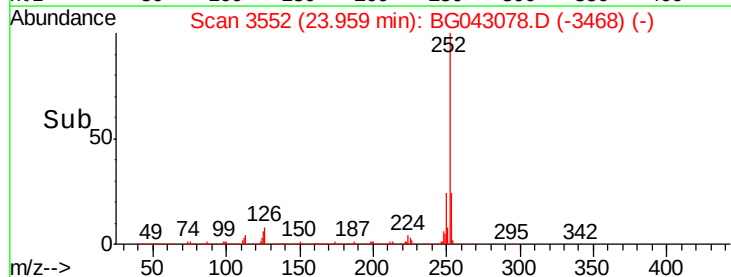
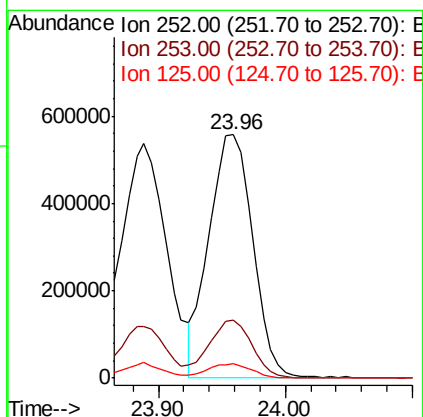
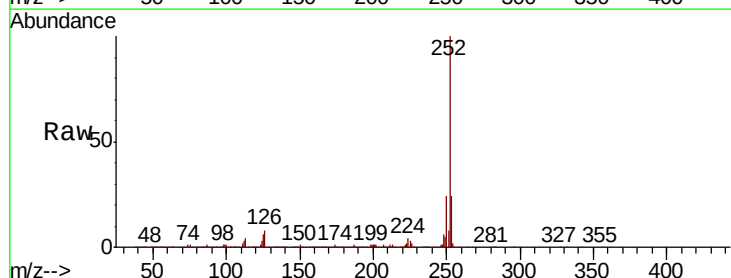
Instrument :
BNA_G
ClientSampleId :
PB123704BS

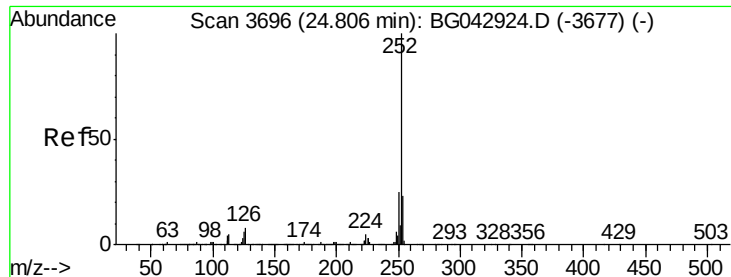
Tot Ion:252 Resp: 1384011
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 6.5 4.6 7.0



#89
Benzo(k)fluoranthene
Concen: 47.184 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.04 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion:252 Resp: 1330134
Ion Ratio Lower Upper
252 100
253 23.9 18.9 28.3
125 5.9 4.5 6.7





#90

Benzo(a)pyrene

Concen: 50.226 ng

RT: 24.76 min Scan# 3688

Delta R.T. -0.05 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

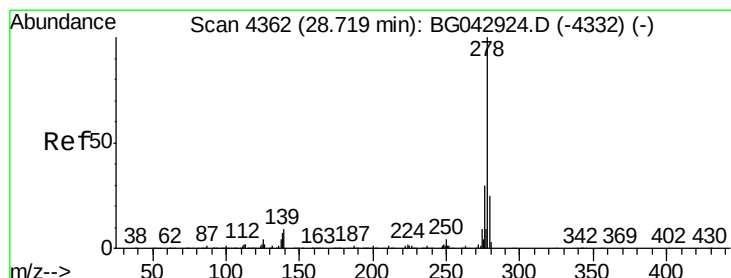
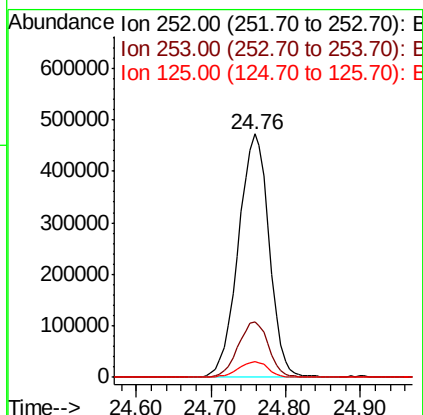
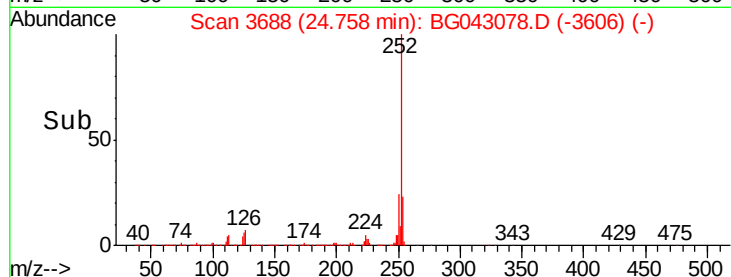
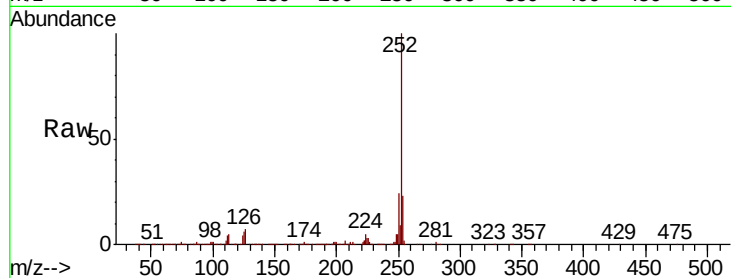
Tot Ion:252 Resp: 1350323

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

125 6.2 5.0 7.6



#91

Dibenzo(a,h)anthracene

Concen: 50.268 ng

RT: 28.64 min Scan# 4348

Delta R.T. -0.08 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

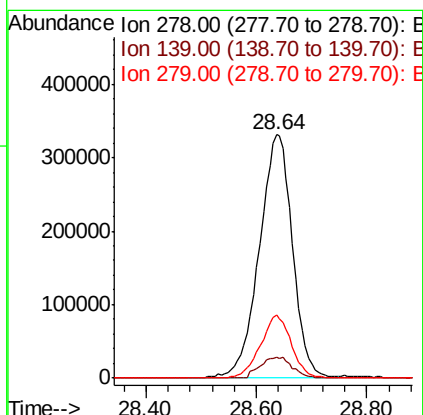
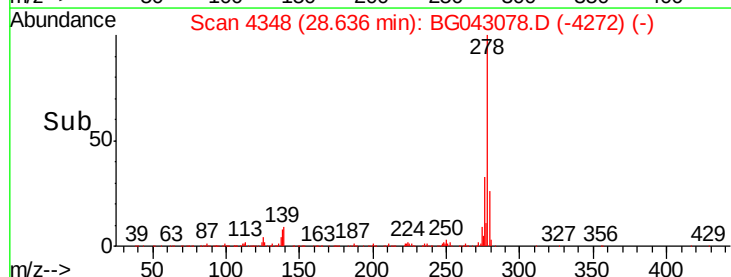
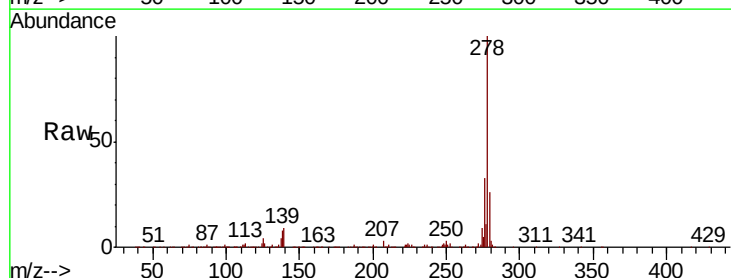
Tgt Ion:278 Resp: 1385814

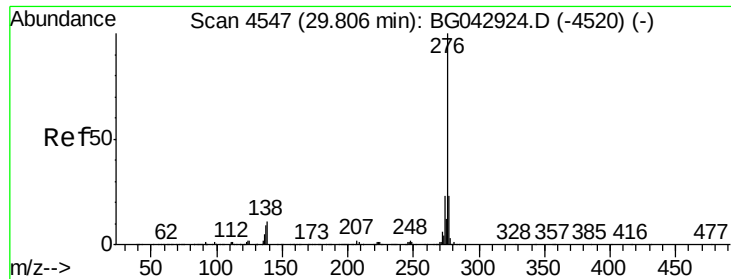
Ion Ratio Lower Upper

278 100

139 8.6 6.8 10.2

279 25.7 20.1 30.1





#92

Benzo(a,h,i)perylene

Concen: 50.995 ng

RT: 29.72 min Scan# 4533

Delta R.T. -0.08 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

ClientSampleId :

PB123704BS

Tot Ion:276 Resp: 1362144

Ion Ratio Lower Upper

276 100

277 25.7 18.4 27.6

138 12.8 8.6 12.8

