

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
 Data File : BG043284.D
 Acq On : 18 Oct 2019 20:40
 Operator : JU
 Sample : PB124106BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BS

Quant Time: Oct 19 00:35:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	47968	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	178506	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	128573	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	299008	20.00	ng	0.00
76) Chrysene-d12	21.68	240	320787	20.00	ng	0.00
87) Perylene-d12	24.90	264	374070	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	170757	63.53	ng	-0.02
7) Phenol-d6	7.22	99	162586	42.00	ng	-0.01
23) Nitrobenzene-d5	9.20	82	315718	85.97	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	226973	102.66	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	844131	95.18	ng	-0.02
79) Terphenyl-d14	20.02	244	1548683	102.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	24126	21.529	ng	86
3) Pyridine	3.92	79	31766	10.078	ng	# 85
4) n-Nitrosodimethylamine	3.82	42	36785	24.269	ng	# 79
6) Aniline	7.36	93	76336	16.338	ng	95
8) 2-Chlorophenol	7.61	128	133716	47.703	ng	94
9) Benzaldehyde	7.17	77	72725	30.747	ng	91
10) Phenol	7.24	94	79737	22.453	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	113138	41.176	ng	91
12) 1,3-Dichlorobenzene	7.93	146	130622	36.529	ng	97
13) 1,4-Dichlorobenzene	8.07	146	130143	36.509	ng	95
14) 1,2-Dichlorobenzene	8.39	146	129407	38.131	ng	96
15) Benzyl Alcohol	8.28	79	101646	34.929	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	154729	29.323	ng	92
17) 2-Methylphenol	8.49	107	104731	42.148	ng	94
18) Hexachloroethane	9.12	117	45480	33.877	ng	91
19) n-Nitroso-di-n-propylamine	8.84	70	104890	41.269	ng	88
20) 3+4-Methylphenols	8.82	107	134929	39.624	ng	97
22) Acetophenone	8.86	105	206941	44.974	ng	# 95
24) Nitrobenzene	9.24	77	158171	45.152	ng	97
25) Isophorone	9.76	82	300168	46.530	ng	99
26) 2-Nitrophenol	9.96	139	79586	53.368	ng	99
27) 2,4-Dimethylphenol	10.02	122	129498	56.546	ng	99
28) bis(2-Chloroethoxy)methane	10.24	93	162501	44.398	ng	96
29) 2,4-Dichlorophenol	10.50	162	152165	53.424	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	146820	39.917	ng	96
31) Naphthalene	10.89	128	399116	45.420	ng	99
32) Benzoic acid	10.15	122	33000	21.777	ng	96
33) 4-Chloroaniline	11.01	127	28583	7.496	ng	92
34) Hexachlorobutadiene	11.18	225	97310	35.334	ng	99
35) Caprolactam	11.79	113	5518	5.494	ng	# 65
36) 4-Chloro-3-methylphenol	12.13	107	161364	52.106	ng	98
37) 2-Methylnaphthalene	12.49	142	311661	46.492	ng	95
38) 1-Methylnaphthalene	12.71	142	302510	47.691	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	201408	41.663	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	241962	78.555	nq	93
43) 2,4,6-Trichlorophenol	13.10	196	139944	49.459	nq	93
44) 2,4,5-Trichlorophenol	13.18	196	147194	50.498	nq	97
46) 1,1'-Biphenyl	13.50	154	431687	44.274	nq	98
47) 2-Chloronaphthalene	13.54	162	333614	45.637	nq	97
48) 2-Nitroaniline	13.75	65	101533	41.766	nq	# 80
49) Acenaphthylene	14.39	152	557039	49.799	nq	99
50) Dimethylphthalate	14.12	163	464574	48.225	nq	98
51) 2,6-Dinitrotoluene	14.23	165	105182	51.270	nq	92
52) Acenaphthene	14.73	154	331605	44.290	nq	99
53) 3-Nitroaniline	14.57	138	35251	16.627	nq	85
54) 2,4-Dinitrophenol	14.78	184	135678	106.398	nq	93
55) Dibenzofuran	15.06	168	539325	48.695	nq	99
56) 4-Nitrophenol	14.90	139	86836	53.755	nq	88
57) 2,4-Dinitrotoluene	15.03	165	147182	48.991	nq	96
58) Fluorene	15.71	166	456347	48.260	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	149424	48.146	nq	93
60) Diethylphthalate	15.48	149	458310	46.747	nq	97
61) 4-Chlorophenyl-phenylether	15.70	204	259698	45.794	nq	98
62) 4-Nitroaniline	15.74	138	91321	39.494	nq	96
63) Azobenzene	16.00	77	386849	43.340	nq	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	98326	58.113	nq	93
66) n-Nitrosodiphenylamine	15.92	169	390438	49.464	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	185166	49.340	nq	99
68) Hexachlorobenzene	16.72	284	208531	49.905	nq	98
69) Atrazine	16.87	200	141588	42.597	nq	94
70) Pentachlorophenol	17.06	266	239011	99.129	nq	98
71) Phenanthrene	17.45	178	718105	49.193	nq	99
72) Anthracene	17.54	178	741594	50.888	nq	99
73) Carbazole	17.82	167	655252	48.487	nq	99
74) Di-n-butylphthalate	18.36	149	785442	48.713	nq	99
75) Fluoranthene	19.46	202	945438	48.966	nq	98
77) Benzidine	19.67	184	51007	6.350	nq	97
78) Pyrene	19.82	202	949580	49.595	nq	98
80) Butylbenzylphthalate	20.70	149	352040	48.440	nq	96
81) Benzo(a)anthracene	21.66	228	963154	48.187	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	126395	16.123	nq	99
83) Chrysene	21.72	228	947800	48.864	nq	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	525513	50.817	nq	99
85) Di-n-octyl phthalate	22.77	149	895830	52.976	nq	# 95
86) Indeno(1,2,3-cd)pyrene	28.56	276	1252470	51.868	nq	# 98
88) Benzo(b)fluoranthene	23.87	252	1051159	49.663	nq	99
89) Benzo(k)fluoranthene	23.94	252	1010951	48.281	nq	98
90) Benzo(a)pyrene	24.74	252	958553	48.002	nq	99
91) Dibenzo(a,h)anthracene	28.62	278	1065802	52.049	nq	97
92) Benzo(g,h,i)perylene	29.70	276	1046832	52.763	nq	98

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

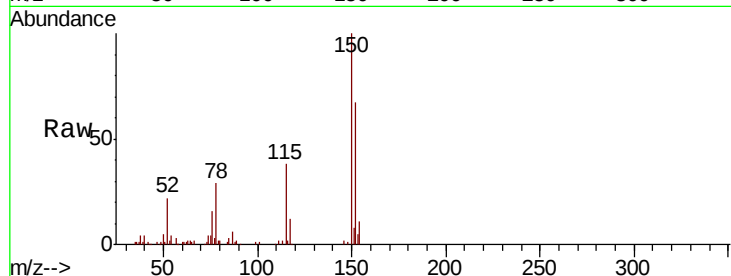


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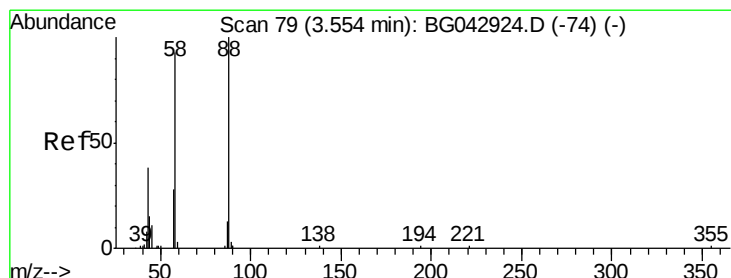
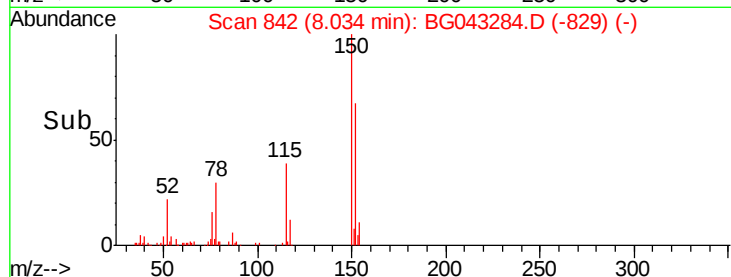
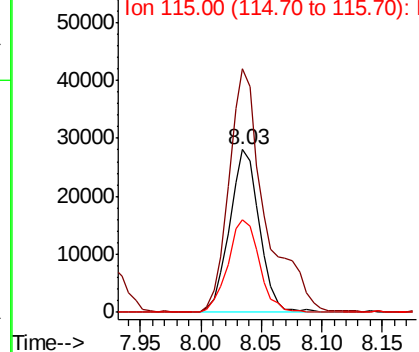
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampled :
PB124106BS

Tot Ion:152 Resp: 47968
Ion Ratio Lower Upper
152 100
150 149.5 115.0 172.4
115 57.3 47.0 70.6



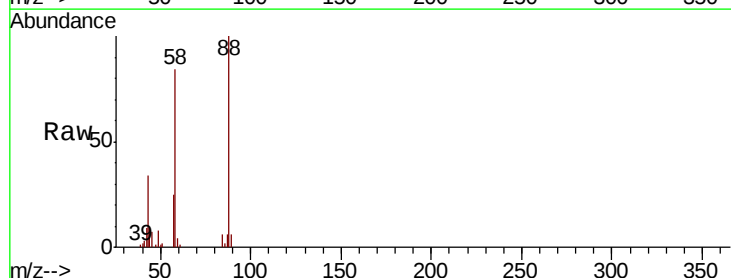
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



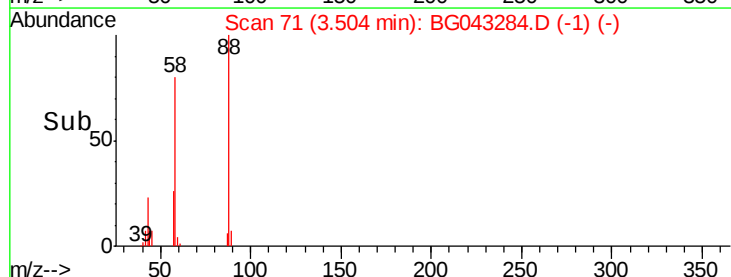
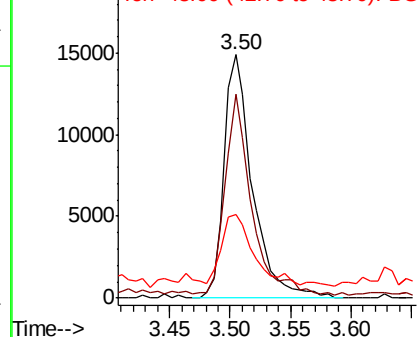
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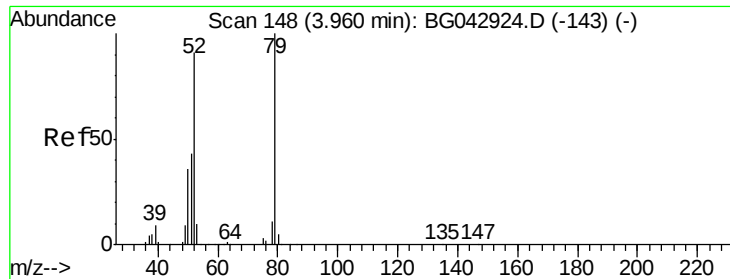
1,4-Dioxane
Concen: 21.529 ng
RT: 3.50 min Scan# 71
Delta R.T. -0.03 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion: 88 Resp: 24126
Ion Ratio Lower Upper
88 100
58 77.0 74.3 111.5
43 32.3 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: 10.078 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

ClientSampleId :

PB124106BS

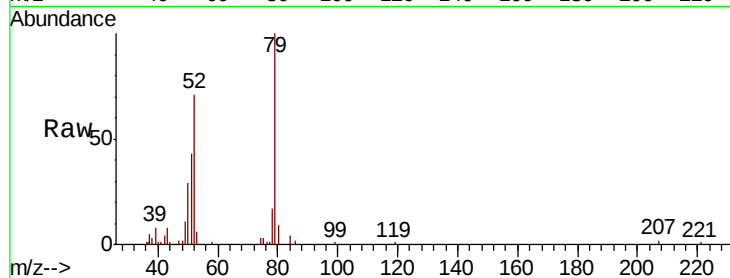
Tot Ion: 79 Resp: 31766

Ion Ratio Lower Upper

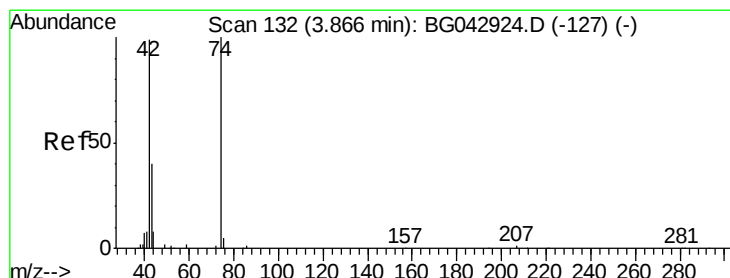
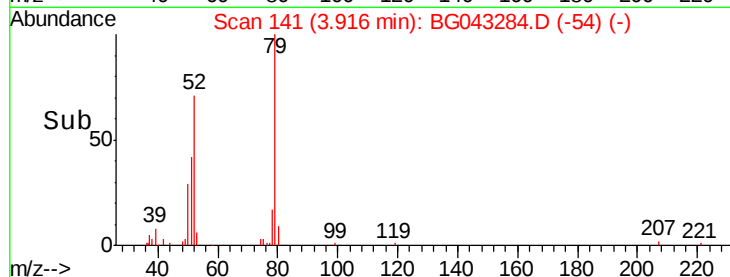
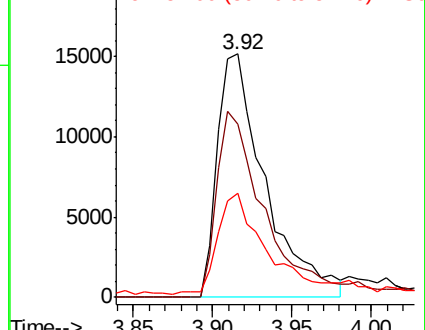
79 100

52 71.1 73.0 109.4#

51 43.0 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: 24.269 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

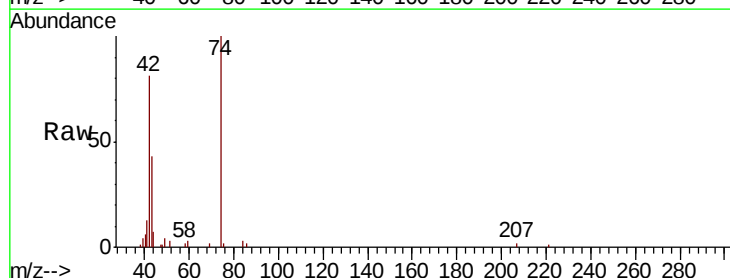
Tgt Ion: 42 Resp: 36785

Ion Ratio Lower Upper

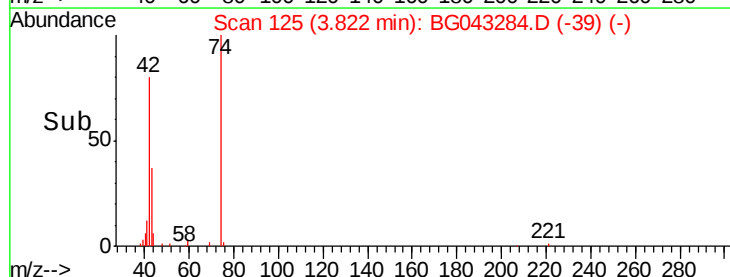
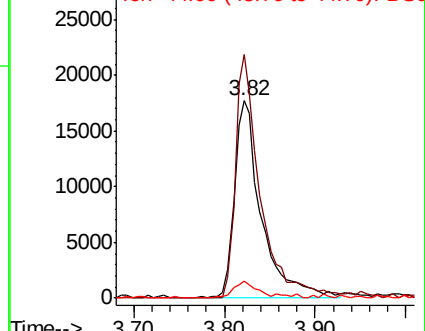
42 100

74 123.4 80.5 120.7#

44 8.5 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: 63.529 ng

RT: 5.62 min Scan# 431

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

ClientSampleId :

PB124106BS

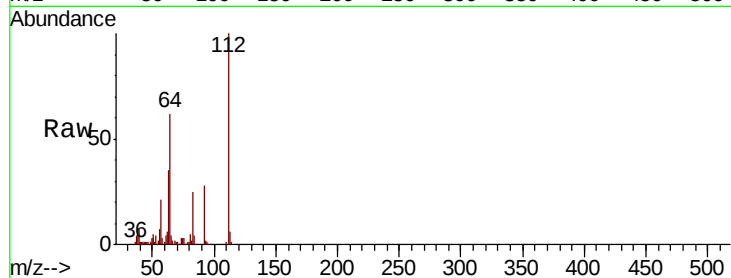
Tot Ion:112 Resp: 170757

Ion Ratio Lower Upper

112 100

64 61.9 56.6 84.8

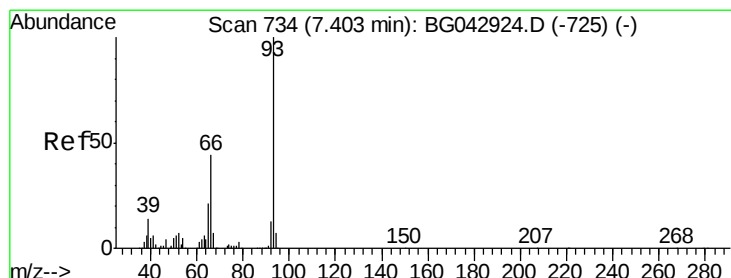
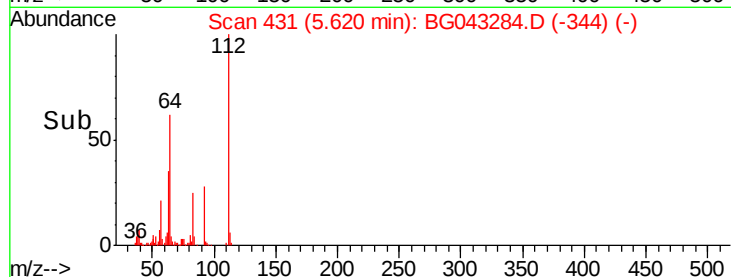
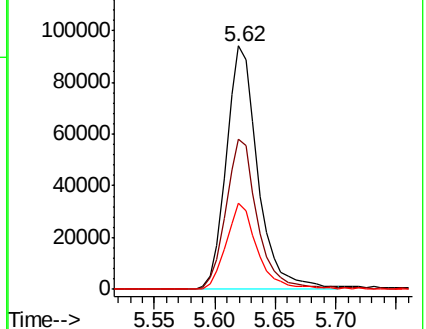
63 35.5 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.338 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

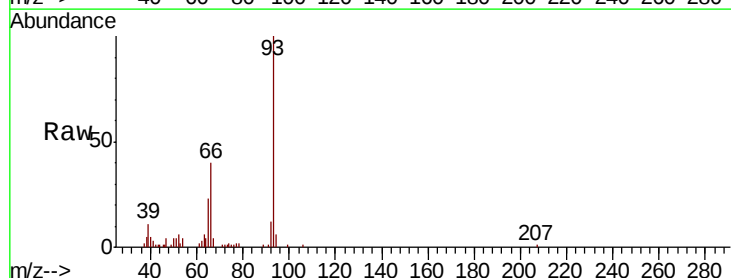
Tgt Ion: 93 Resp: 76336

Ion Ratio Lower Upper

93 100

66 40.0 35.0 52.6

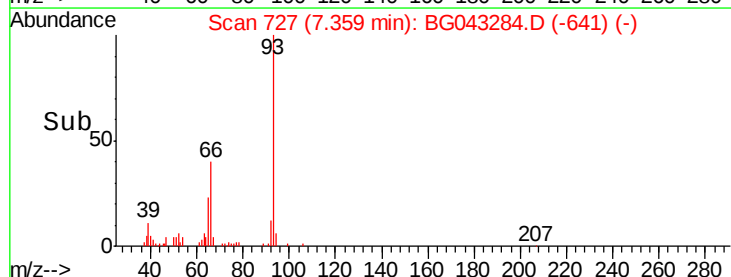
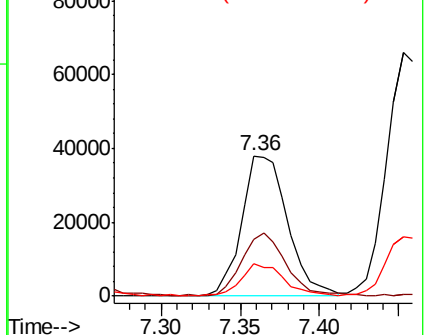
65 23.3 17.4 26.0

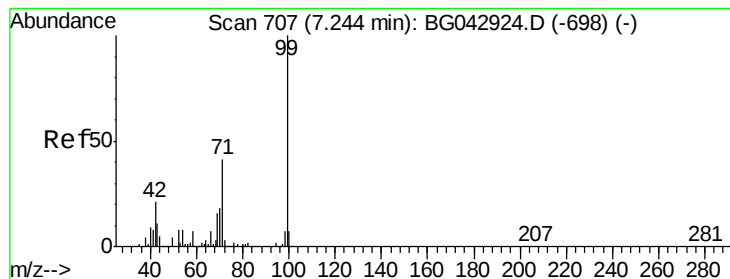


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 42.005 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

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ClientSampleId :

PB124106BS

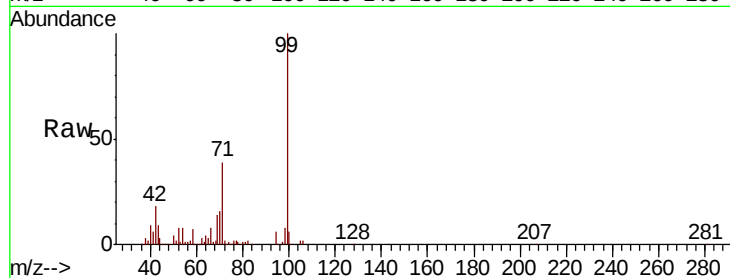
Tot Ion: 99 Resp: 162586

Ion Ratio Lower Upper

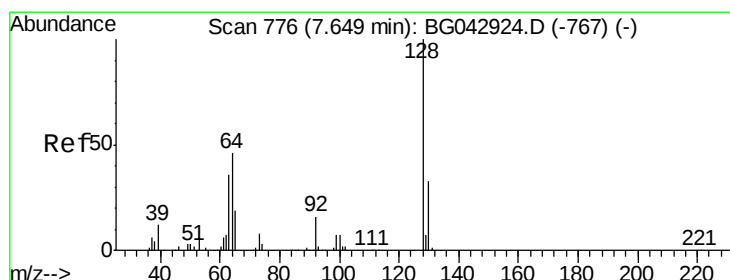
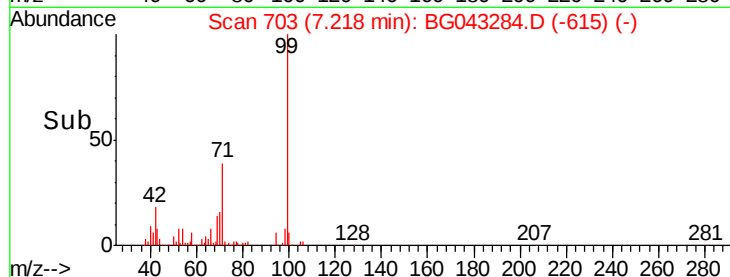
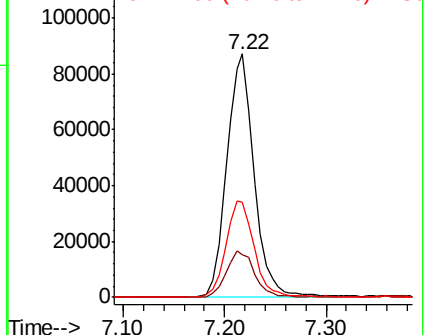
99 100

42 17.6 17.2 25.8

71 39.1 33.1 49.7



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



#8

2-Chlorophenol

Concen: 47.703 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

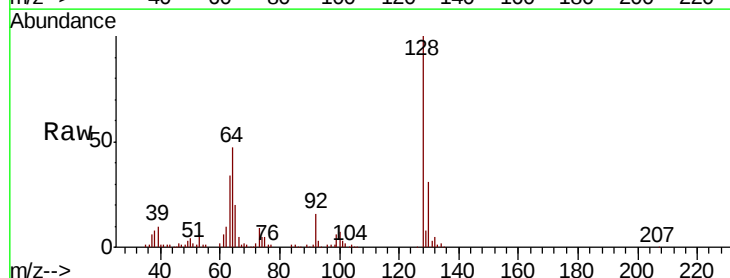
Tgt Ion: 128 Resp: 133716

Ion Ratio Lower Upper

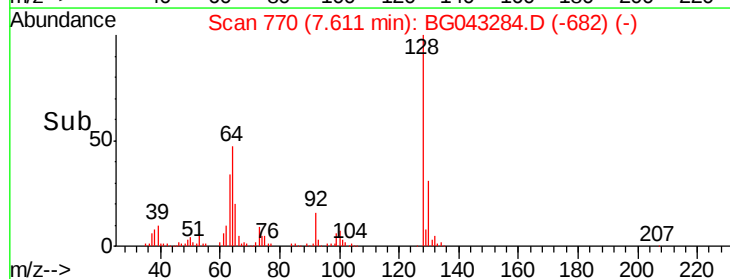
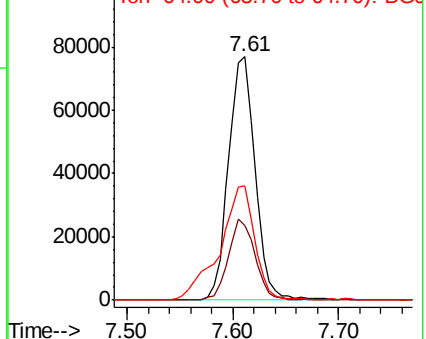
128 100

130 30.6 12.5 52.5

64 47.0 32.8 72.8



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





#9

Benzaldehyde

Concen: 30.747 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

ClientSampleId :

PB124106BS

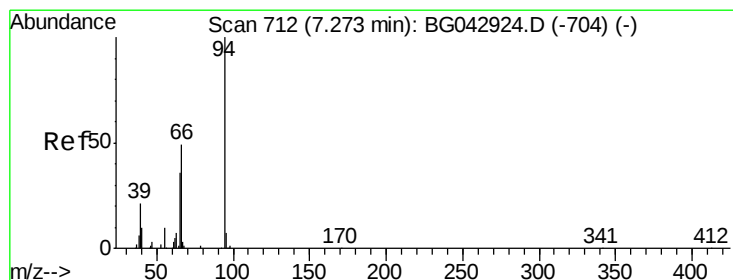
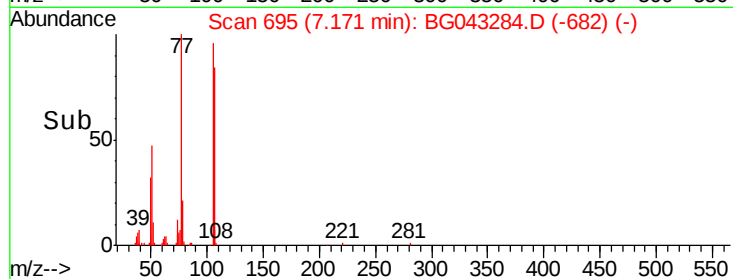
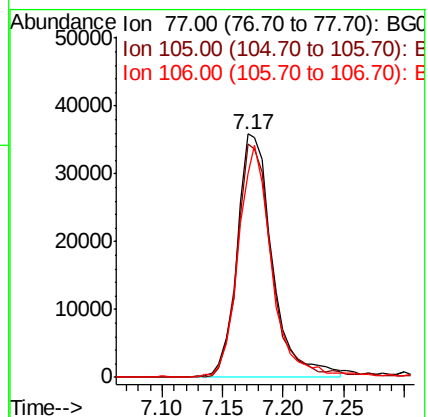
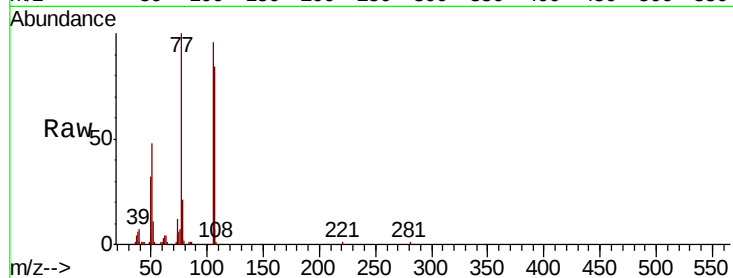
Tot Ion: 77 Resp: 72725

Ion Ratio Lower Upper

77 100

105 95.6 64.6 104.6

106 83.6 59.4 99.4



#10

Phenol

Concen: 22.453 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

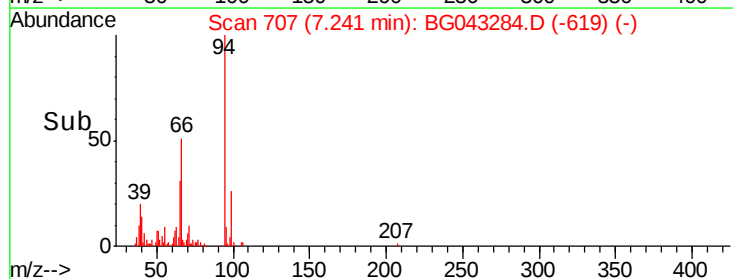
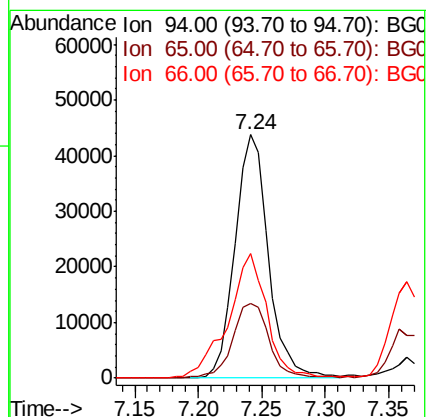
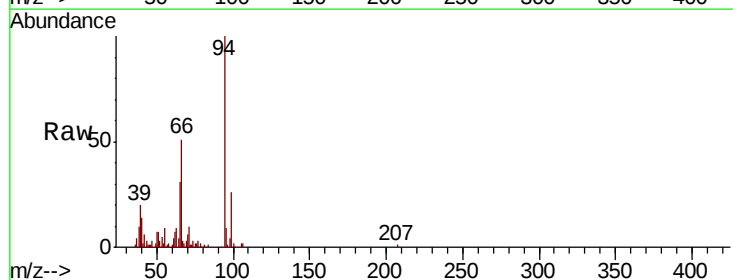
Tgt Ion: 94 Resp: 79737

Ion Ratio Lower Upper

94 100

65 30.7 16.6 56.6

66 51.2 32.4 72.4

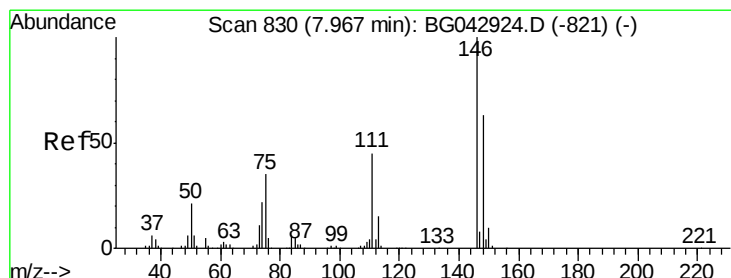
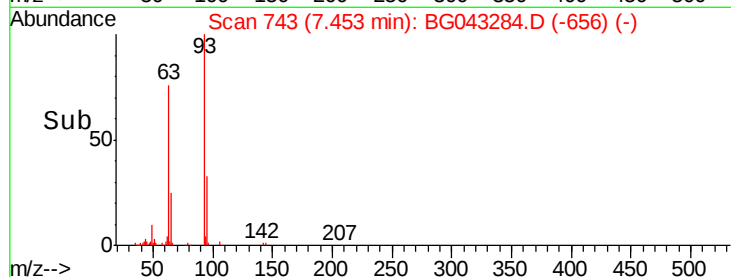
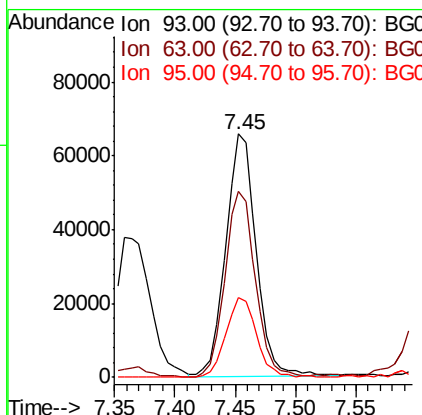
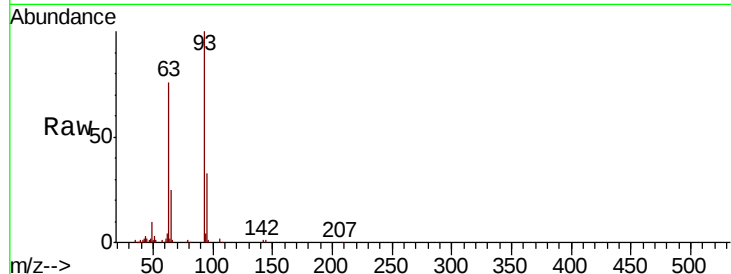




#11
 bis(2-Chloroethyl)ether
 Concen: 41.176 ng
 RT: 7.45 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

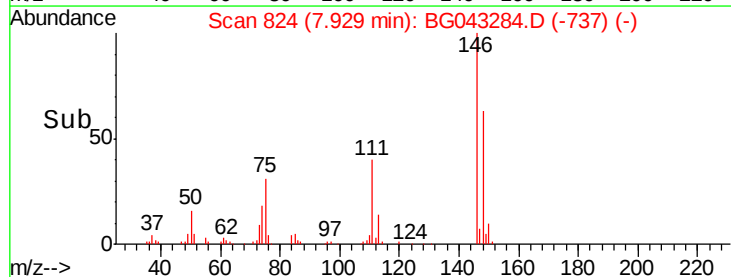
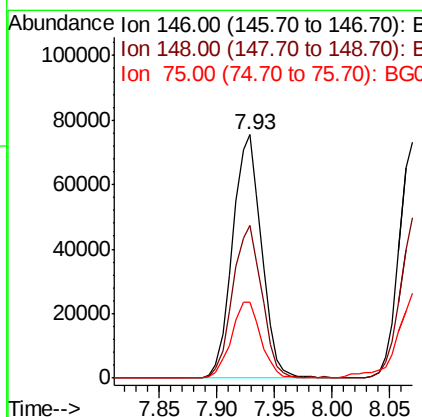
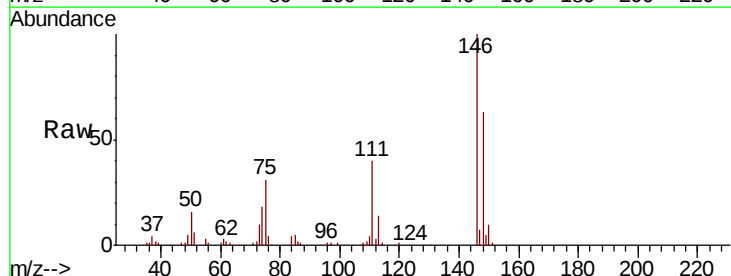
Instrument :
 BNA_G
 ClientSampleId :
 PB124106BS

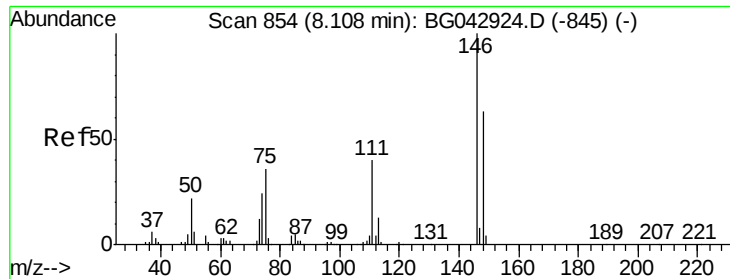
Tot Ion	93	Resp	113138
Ion	Ratio	Lower	Upper
93	100		
63	76.3	67.4	107.4
95	32.7	11.9	51.9



#12
 1,3-Dichlorobenzene
 Concen: 36.529 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Tgt Ion	146	Resp	130622
Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.7	76.1
75	31.0	27.7	41.5

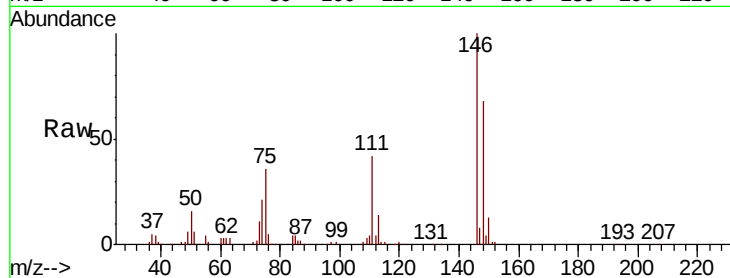




#13
 1,4-Dichlorobenzene
 Concen: 36.509 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.02 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.9	50.9	76.3
111	42.2	31.8	47.8

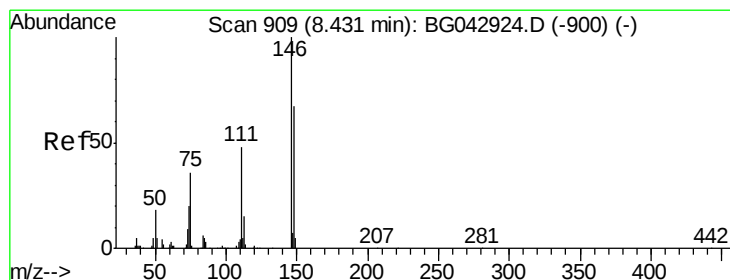
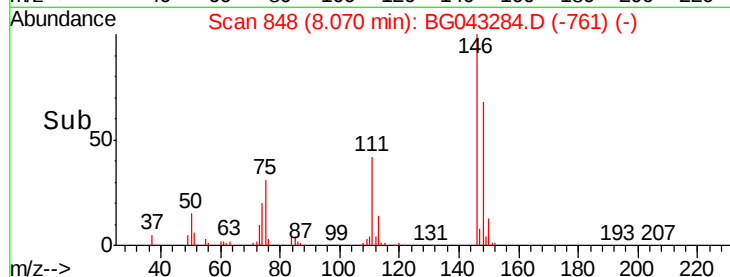
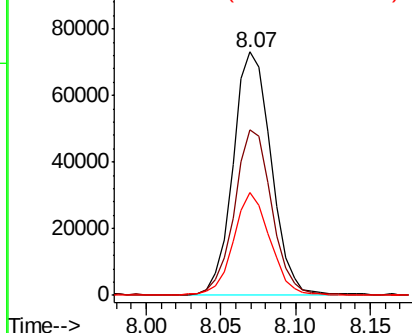


Abundance

Ion 146.00 (145.70 to 146.70): E

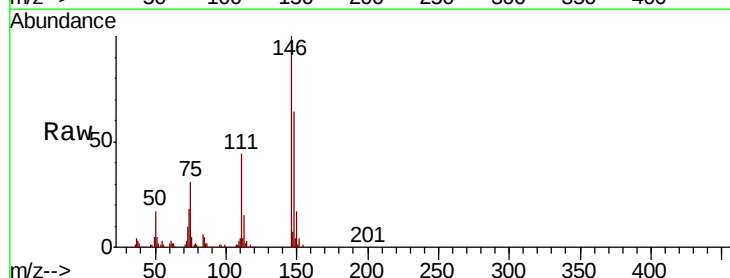
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.131 ng
 RT: 8.39 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.4	80.2
111	44.2	38.5	57.7

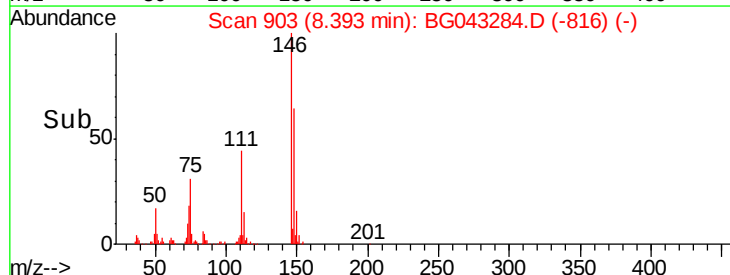
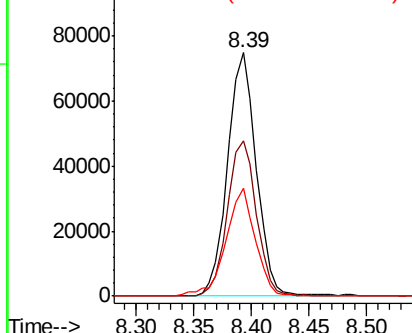


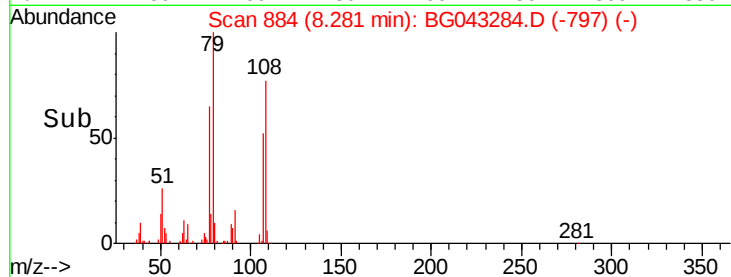
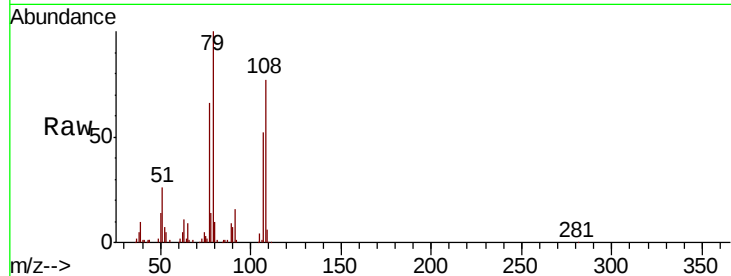
Abundance

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: 34.929 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

ClientSampleId :

PB124106BS

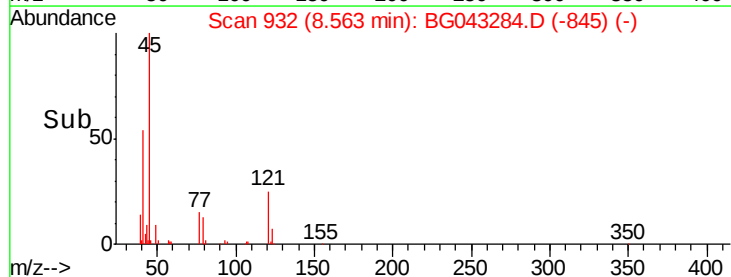
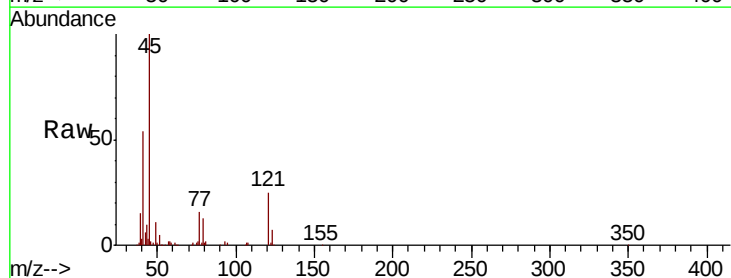
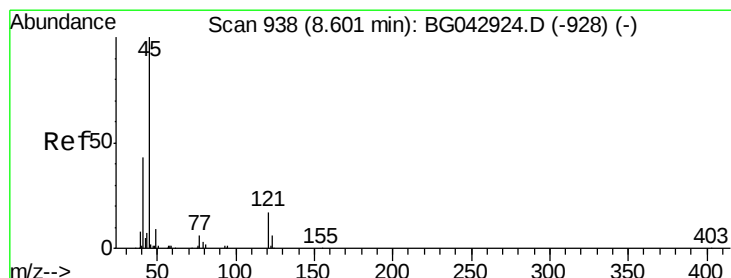
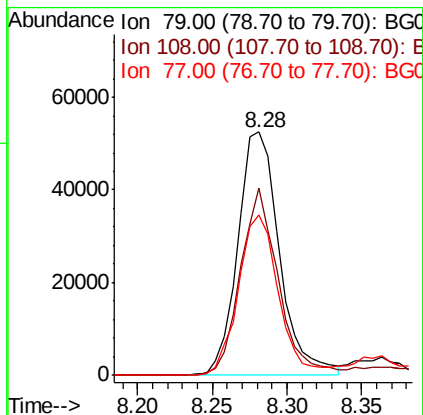
Tot Ion: 79 Resp: 101646

Ion Ratio Lower Upper

79 100

108 77.0 55.7 83.5

77 65.7 53.3 79.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.323 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

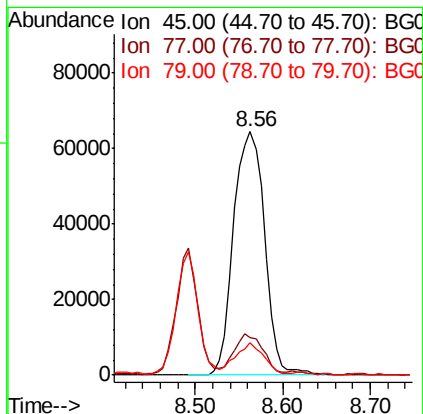
Tgt Ion: 45 Resp: 154729

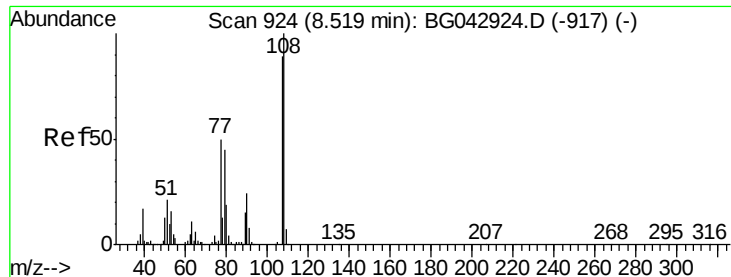
Ion Ratio Lower Upper

45 100

77 15.5 0.0 32.8

79 13.1 0.0 29.4





#17

2-Methylphenol

Concen: 42.148 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

ClientSampleId :

PB124106BS

Tot Ion:107 Resp: 104731

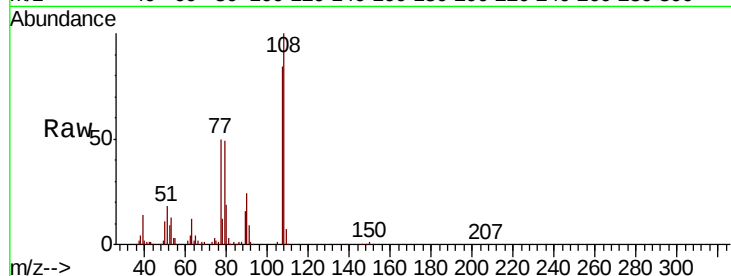
Ion Ratio Lower Upper

107 100

108 119.3 89.9 134.9

77 59.9 45.4 68.2

79 58.1 41.4 62.0

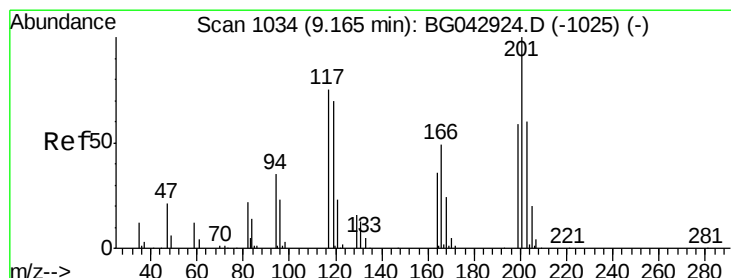
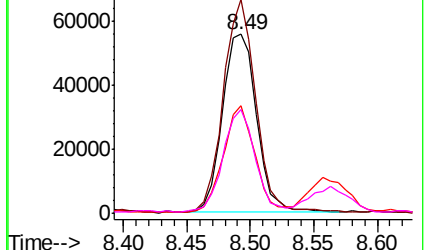
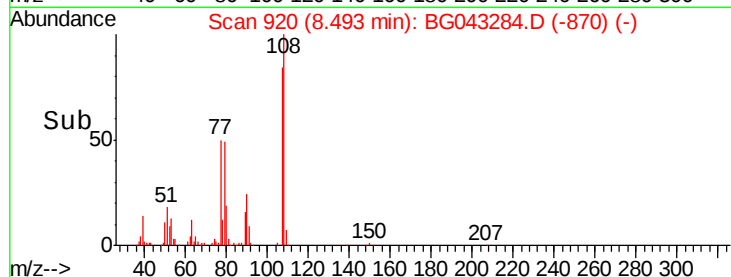


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.877 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

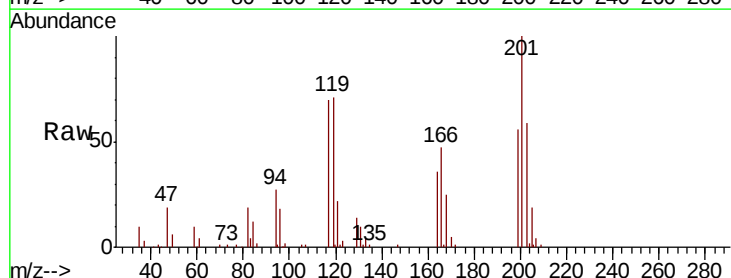
Tgt Ion:117 Resp: 45480

Ion Ratio Lower Upper

117 100

119 102.2 74.6 111.8

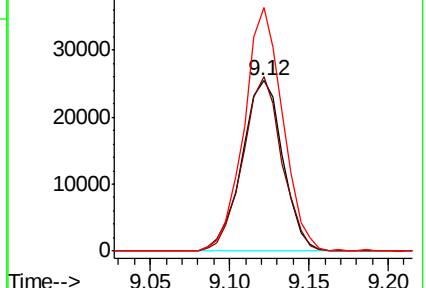
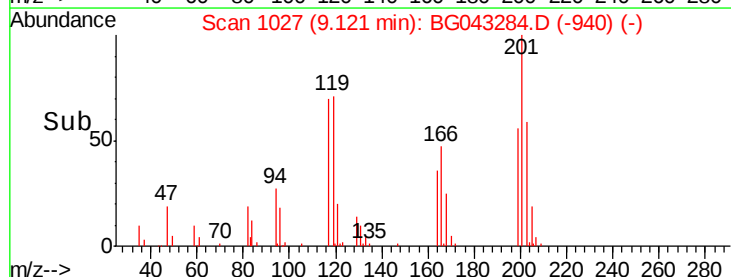
201 143.1 106.0 159.0

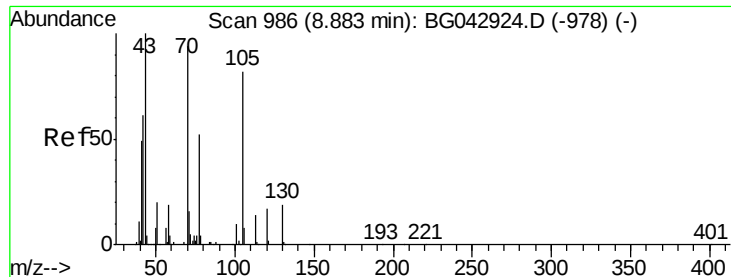


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

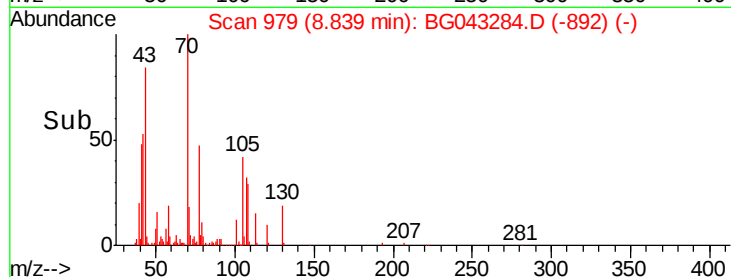
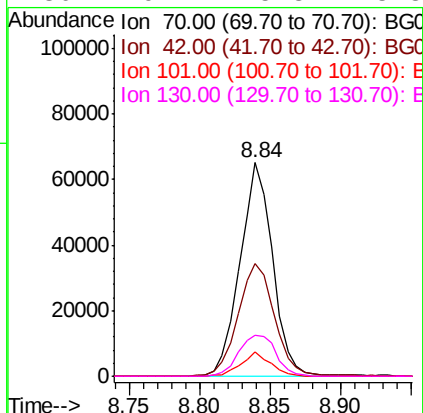
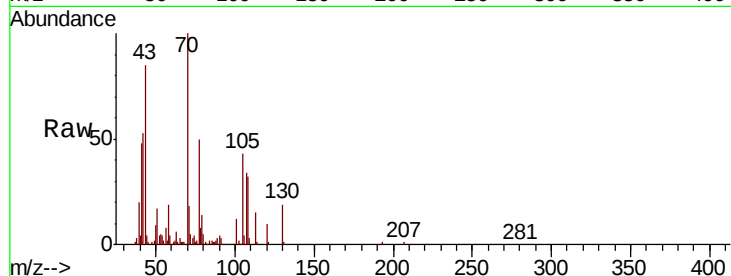




#19
n-Nitroso-di-n-propylamine
Concen: 41.269 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

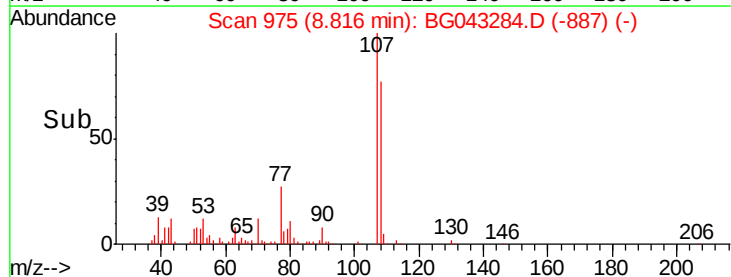
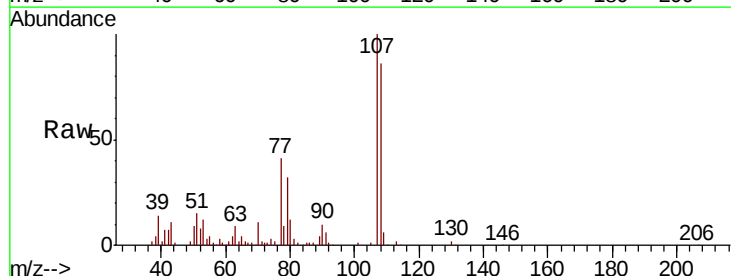
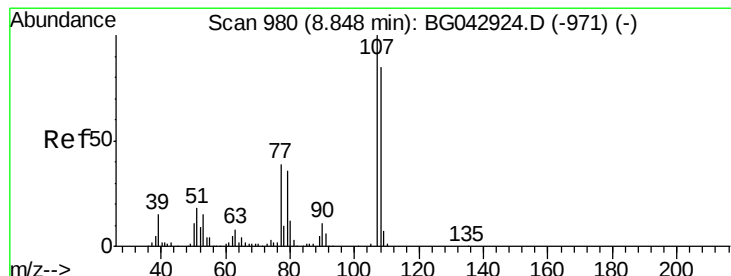
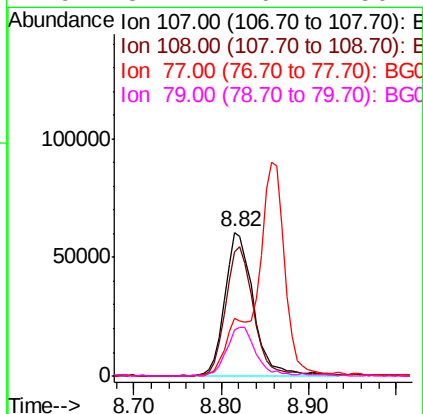
Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion:	70	Resp:	104890
Ion	Ratio	Lower	Upper
70	100		
42	52.8	52.6	79.0
101	11.6	8.7	13.1
130	19.4	15.8	23.8



#20
3+4-Methylphenols
Concen: 39.624 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion:	107	Resp:	134929
Ion	Ratio	Lower	Upper
107	100		
108	86.4	64.9	104.9
77	40.6	19.4	59.4
79	32.1	16.2	56.2

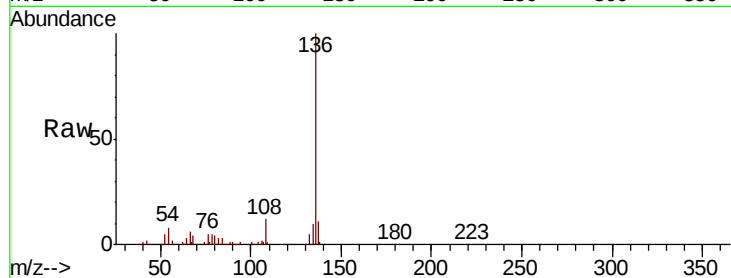




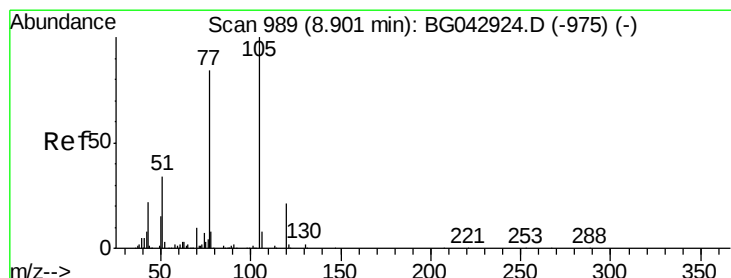
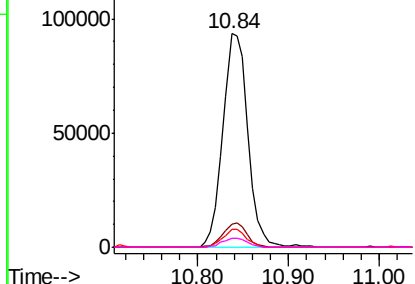
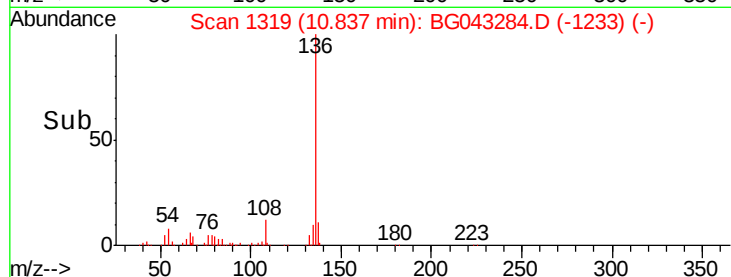
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion:136	Resp:	178506
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.5	12.7
54 8.1	7.4	11.2
68 4.1	3.6	5.4

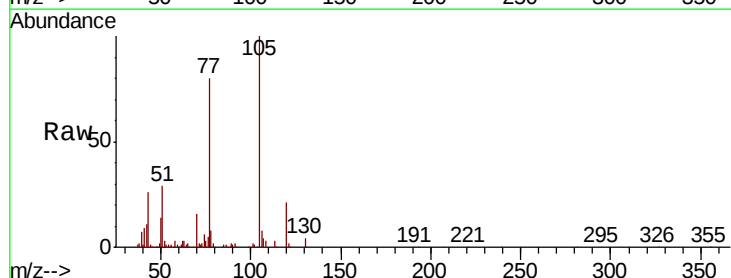


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

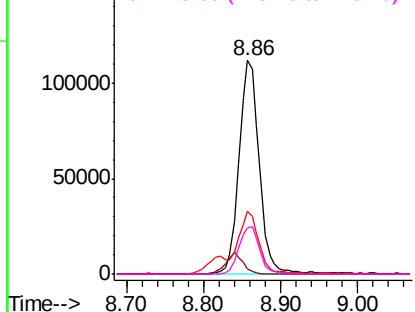
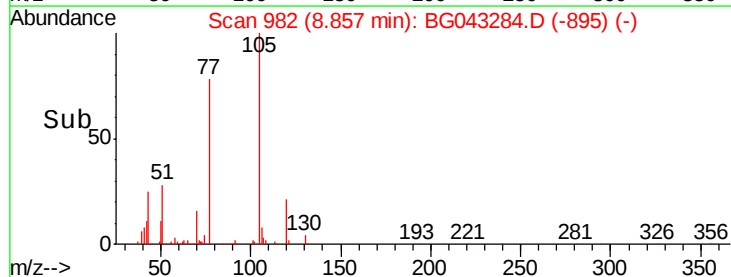


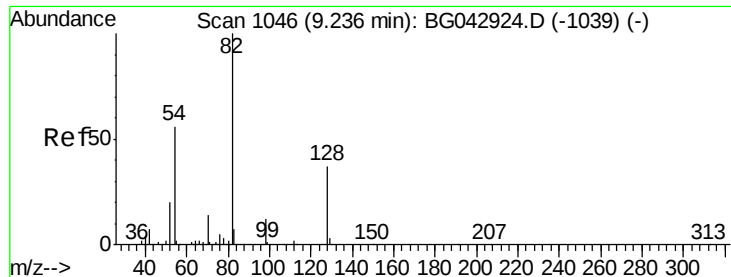
#22
Acetophenone
Concen: 44.974 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt	Ion:105	Resp:	206941
Ion	Ratio	Lower	Upper
105	100		
71	2.4	1.2	1.8#
51	29.3	27.2	40.8
120	21.4	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

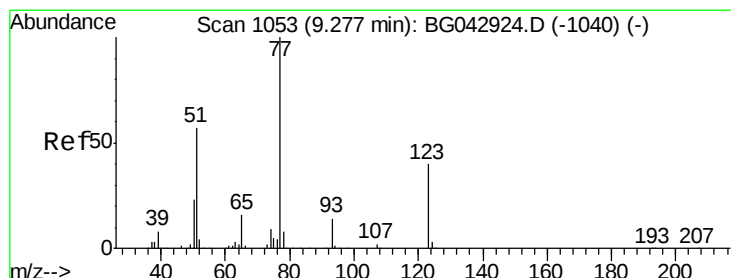
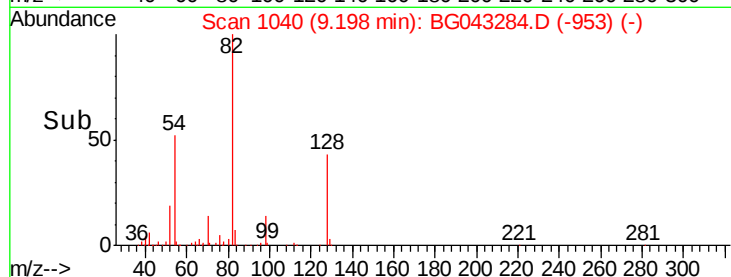
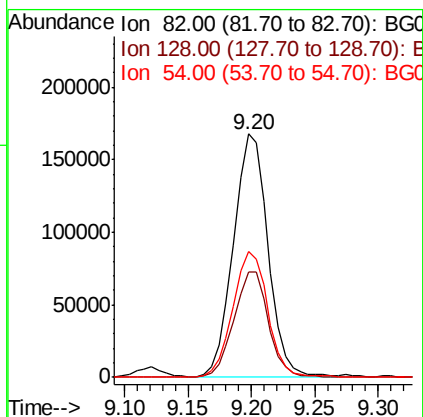
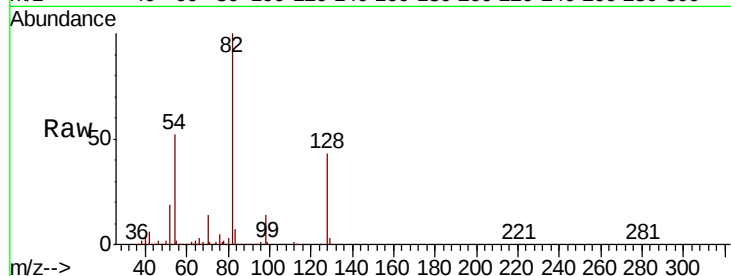




#23
Nitrobenzene-d5
Concen: 85.966 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

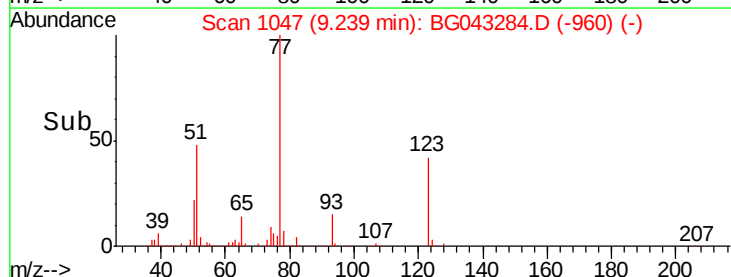
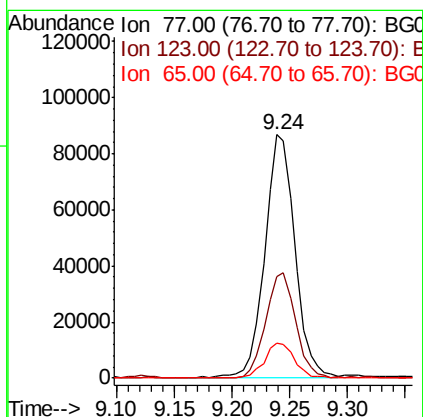
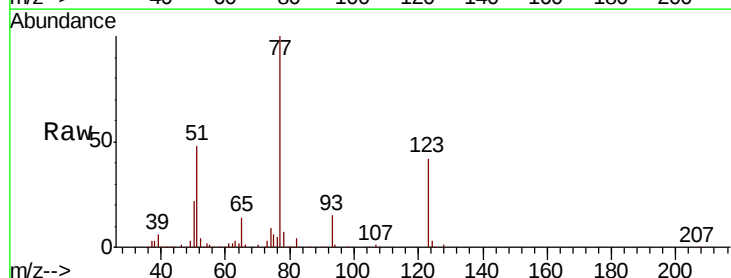
Instrument :
BNA_G
ClientSampleId :
PB124106BS

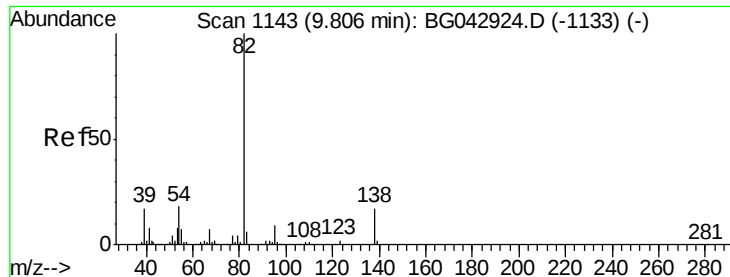
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	29.5	44.3
54	51.9	44.6	67.0



#24
Nitrobenzene
Concen: 45.152 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.6	31.9	47.9
65	14.2	12.4	18.6





#25

Isophorone

Concen: 46.530 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

ClientSampleId :

PB124106BS

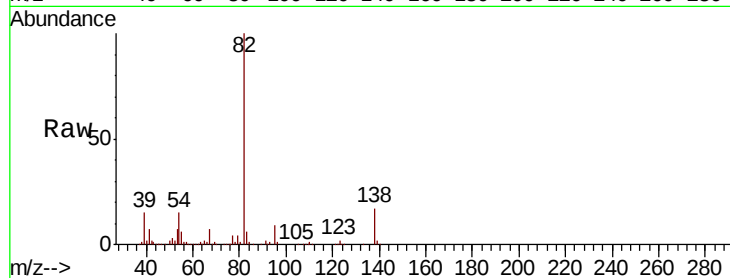
Tot Ion: 82 Resp: 300168

Ion Ratio Lower Upper

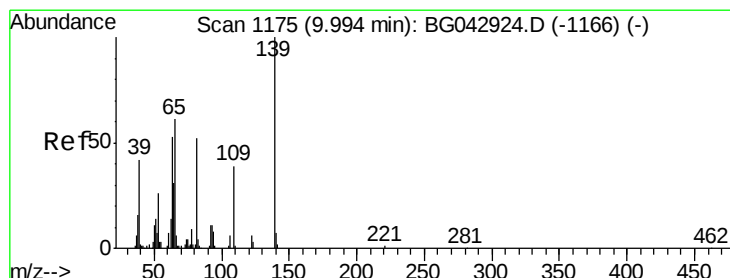
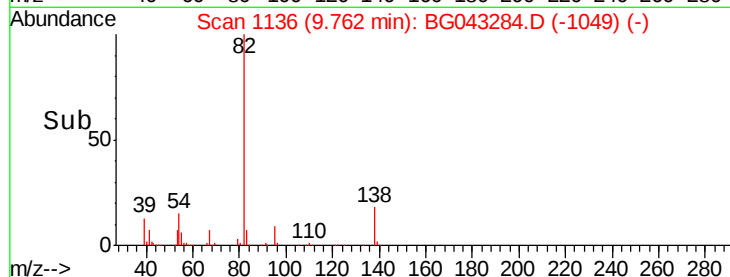
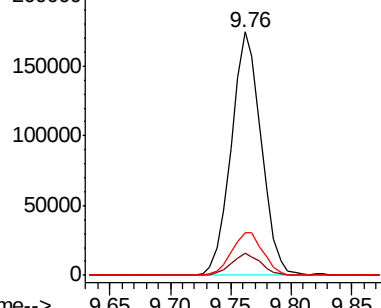
82 100

95 8.9 7.0 10.4

138 17.5 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: 53.368 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

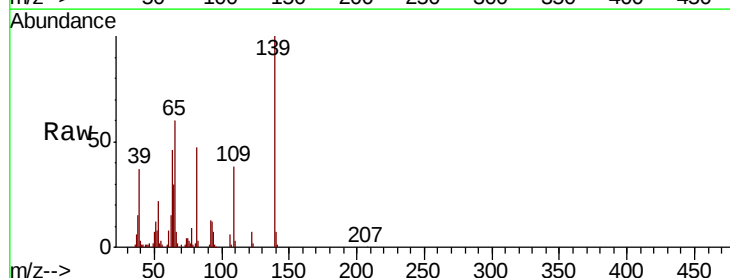
Tgt Ion: 139 Resp: 79586

Ion Ratio Lower Upper

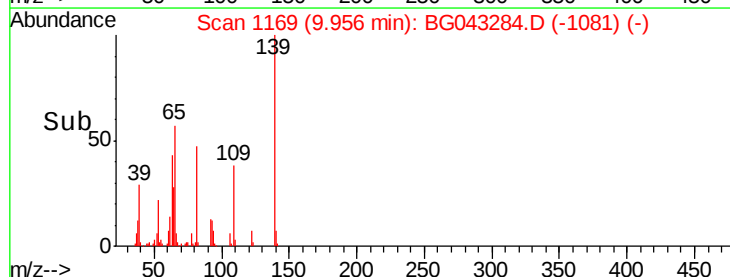
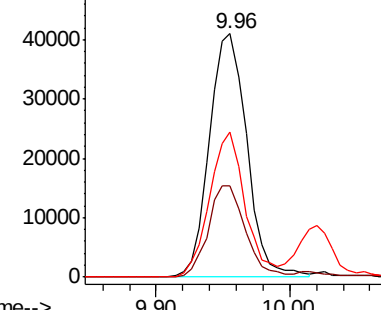
139 100

109 37.7 31.0 46.6

65 59.7 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

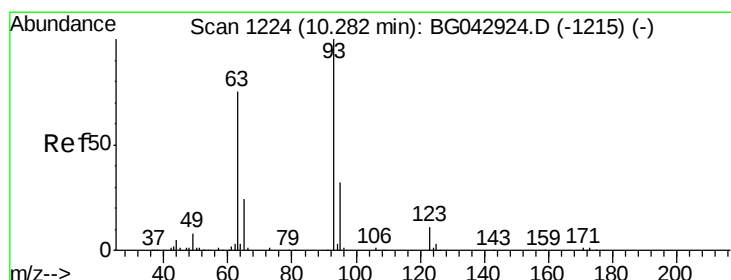
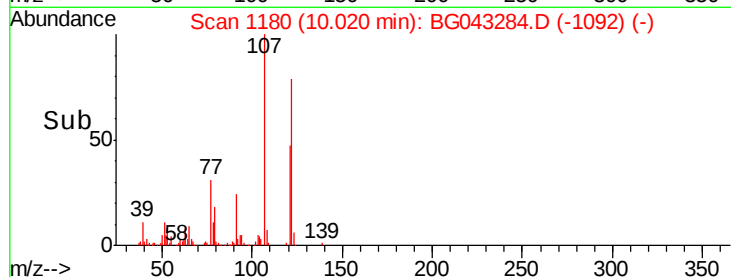
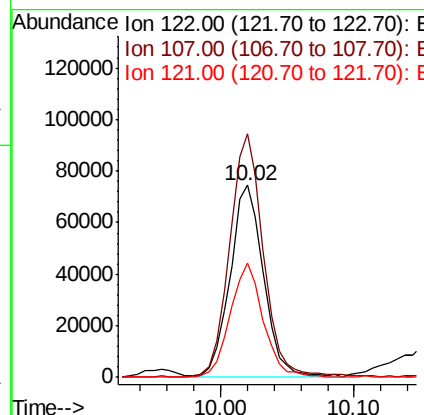
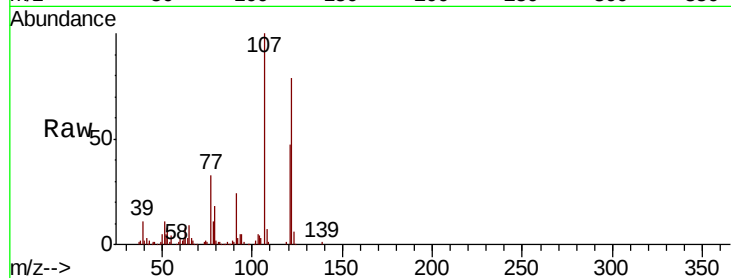




#27
 2,4-Dimethylphenol
 Concen: 56.546 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

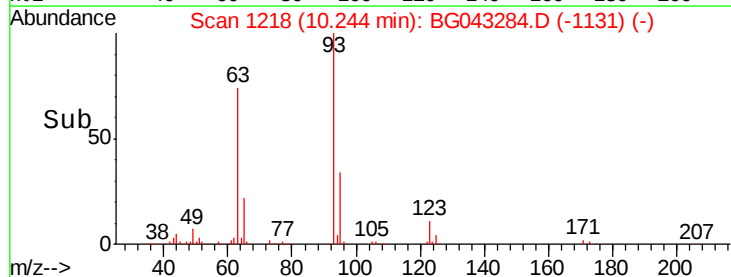
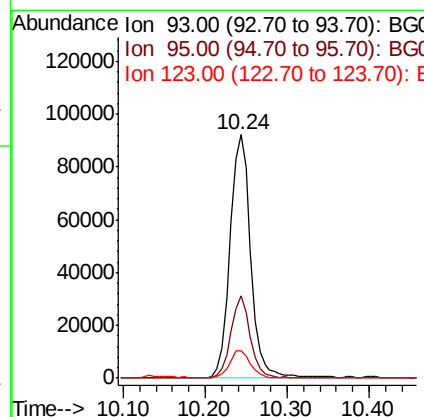
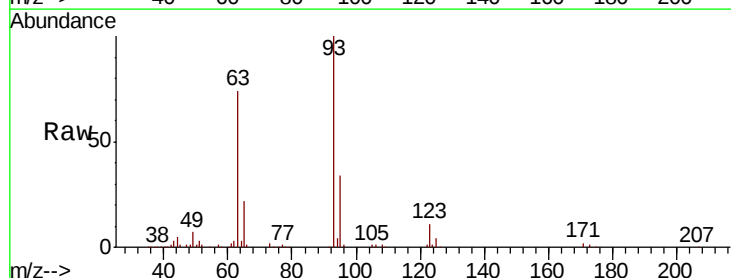
Instrument :
 BNA_G
 ClientSampleId :
 PB124106BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.6	102.2	153.2
121	59.2	48.5	72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.398 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.02 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.4	38.0
123	11.0	9.3	13.9

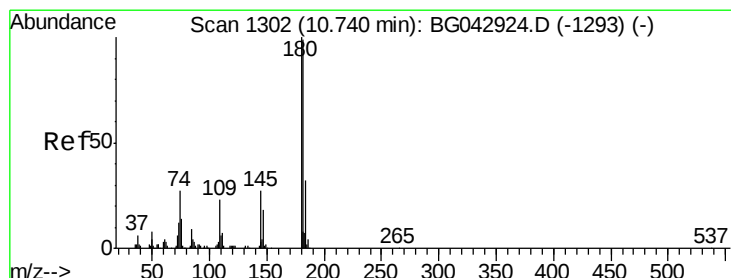
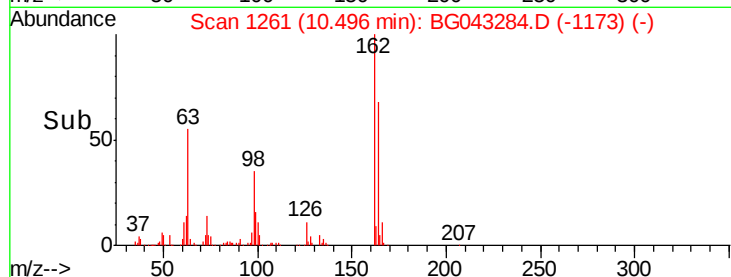
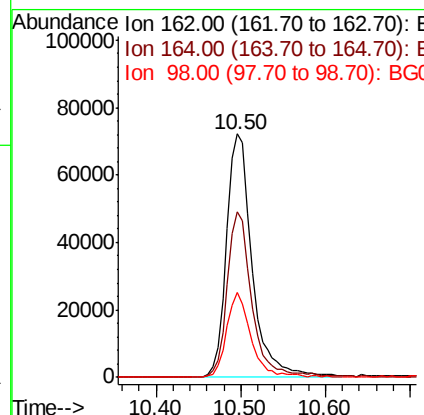
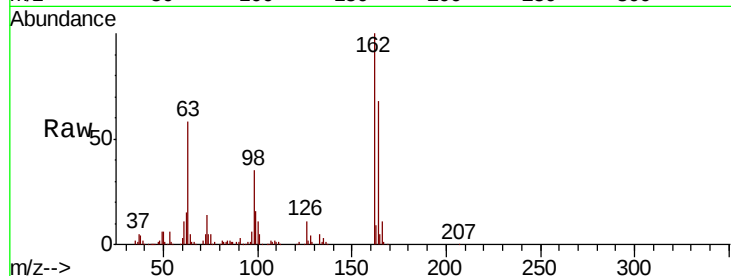




#29
 2,4-Dichlorophenol
 Concen: 53.424 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

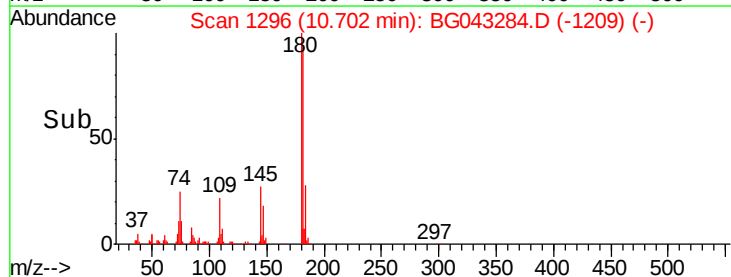
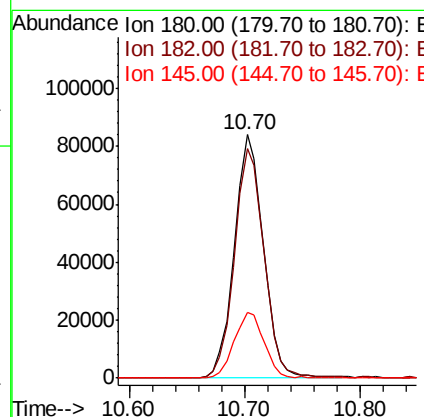
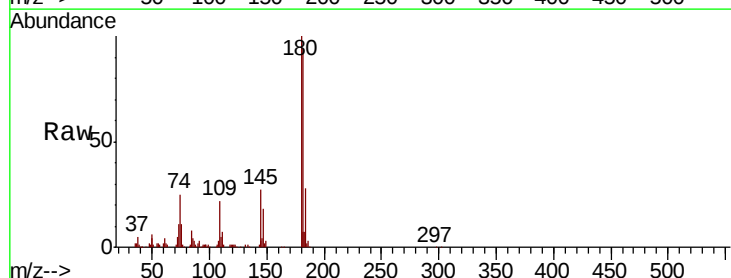
Instrument :
 BNA_G
 ClientSampleId :
 PB124106BS

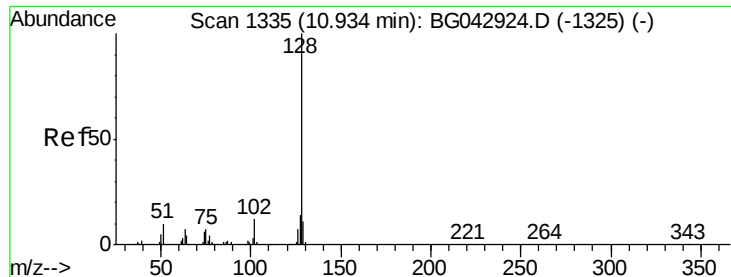
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.2	44.7	84.7
98	34.9	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.917 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	79.3	118.9
145	26.8	22.0	33.0

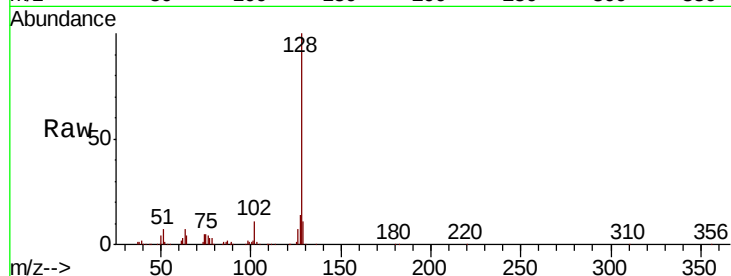




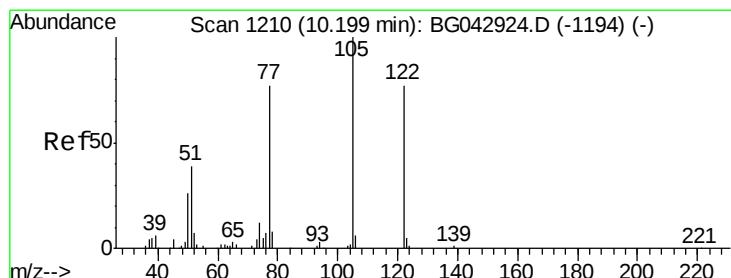
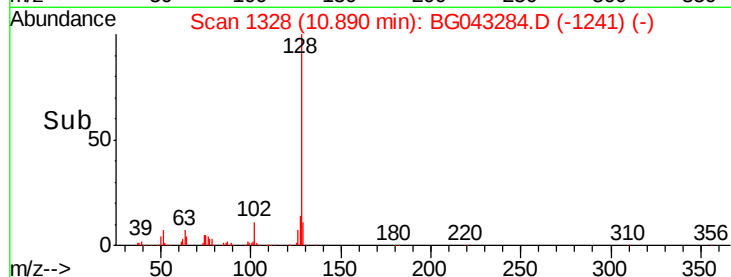
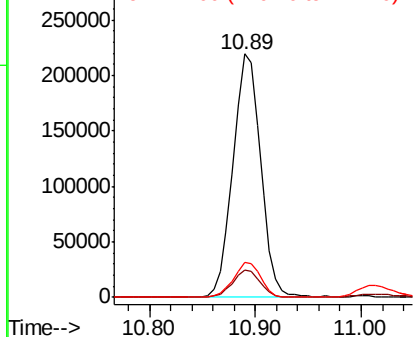
#31
Naphthalene
Concen: 45.420 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	14.4	11.3	16.9

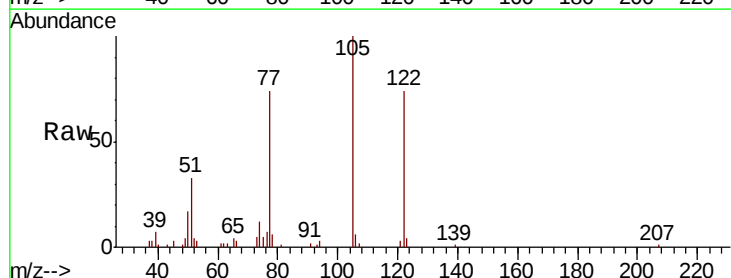


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

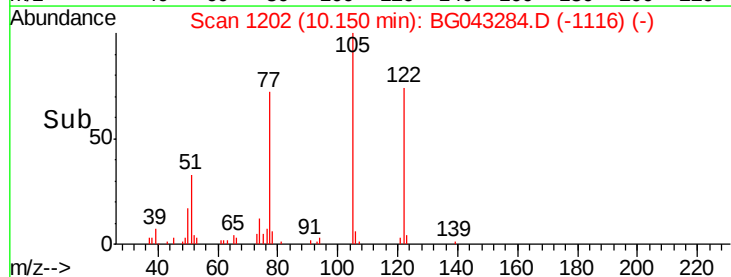
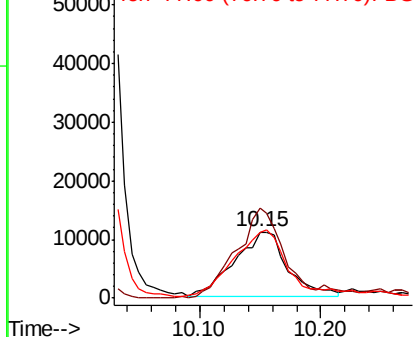


#32
Benzoic acid
Concen: 21.777 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.6	107.5	147.5
77	99.7	79.8	119.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

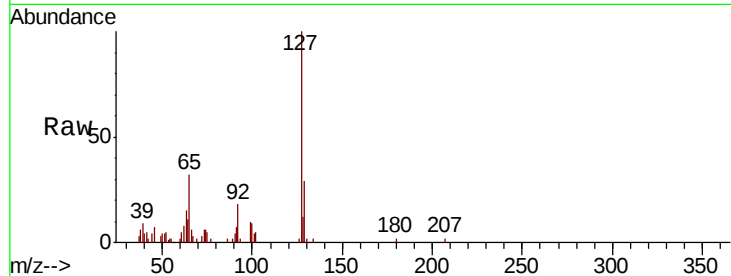




#33
4-Chloroaniline
Concen: 7.496 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion:	127	Resp:	28583
Ion	Ratio	Lower	Upper
127	100		
129	29.5	26.2	39.2
65	31.6	30.6	45.8
92	18.0	16.2	24.4



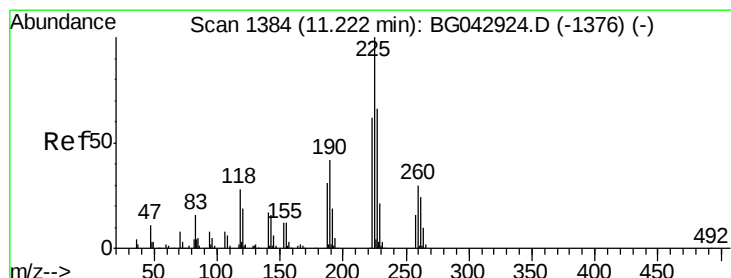
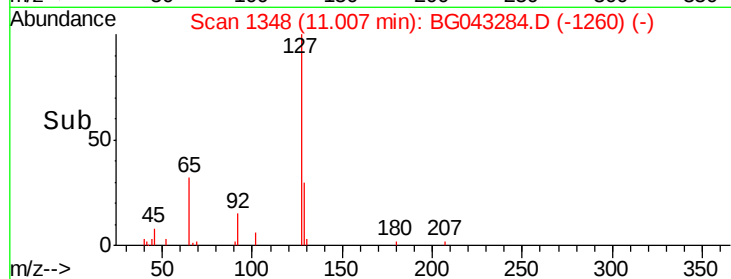
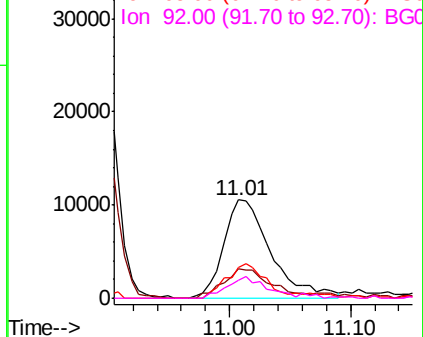
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

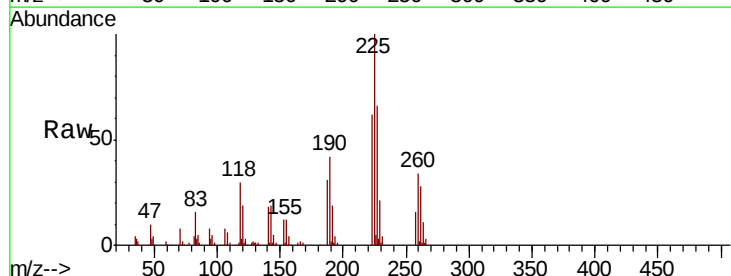
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 35.334 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion:	225	Resp:	97310
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.3	73.9
227	65.5	52.8	79.2

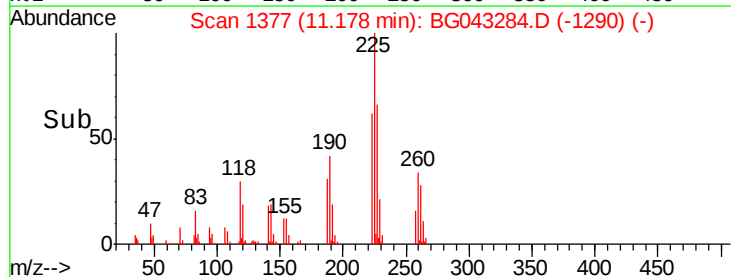
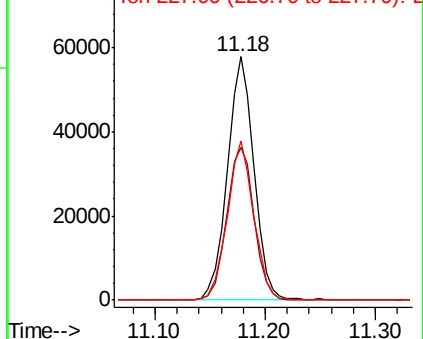


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

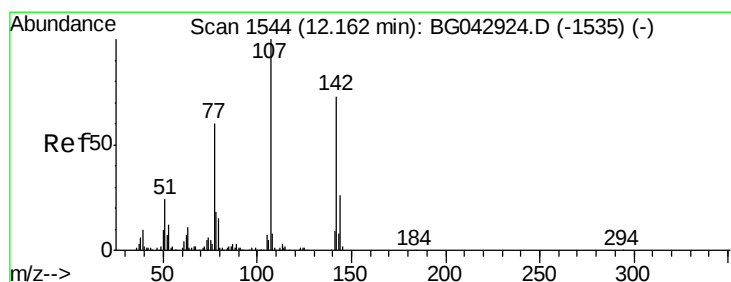
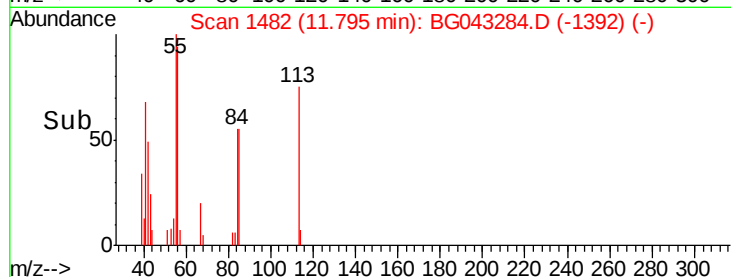
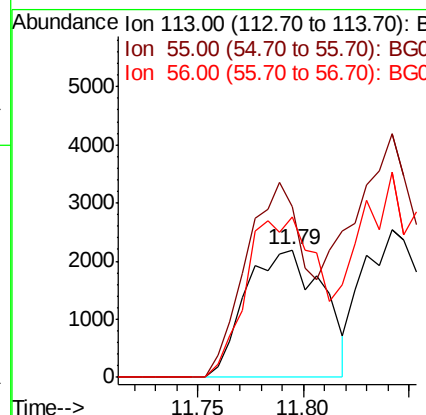
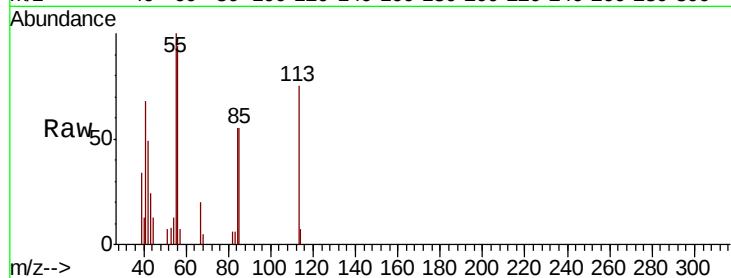




#35
 Caprolactam
 Concen: 5.494 ng
 RT: 11.79 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

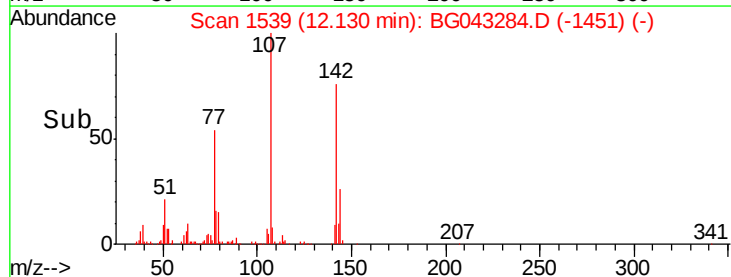
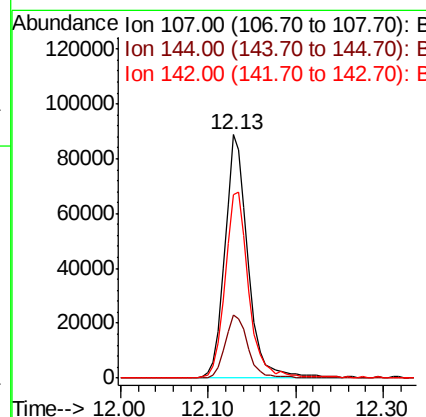
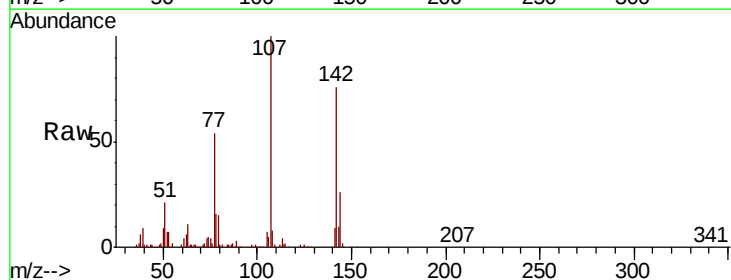
Instrument :
 BNA_G
 ClientSampleId :
 PB124106BS

Tot Ion:113 Resp: 5518
 Ion Ratio Lower Upper
 113 100
 55 133.5 175.5 215.5#
 56 125.5 142.3 182.3#



#36
 4-Chloro-3-methylphenol
 Concen: 52.106 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Tgt Ion:107 Resp: 161364
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.7 31.1
 142 75.5 58.6 87.8

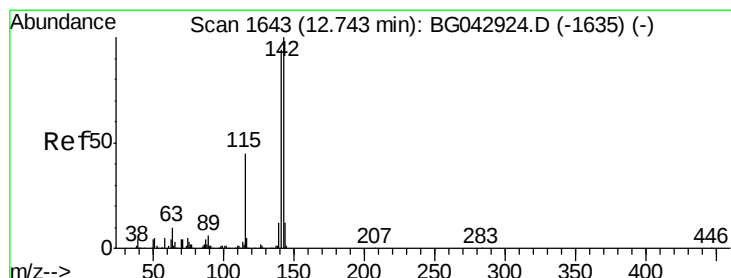
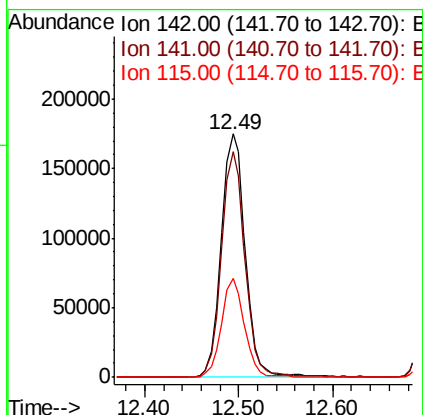
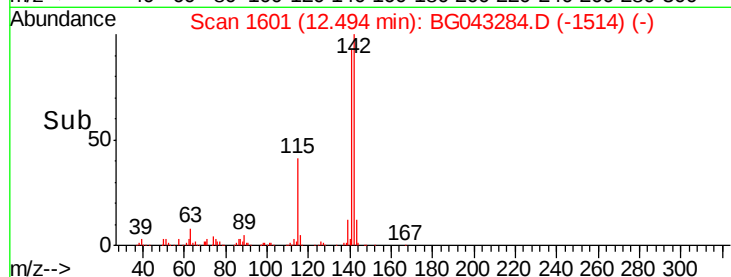
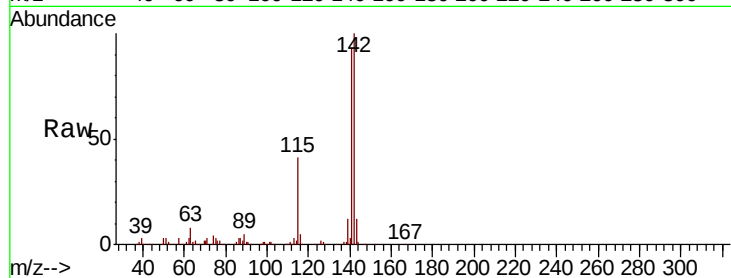




#37
2-Methylnaphthalene
Concen: 46.492 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

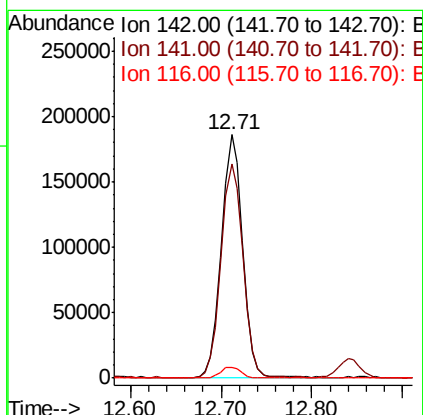
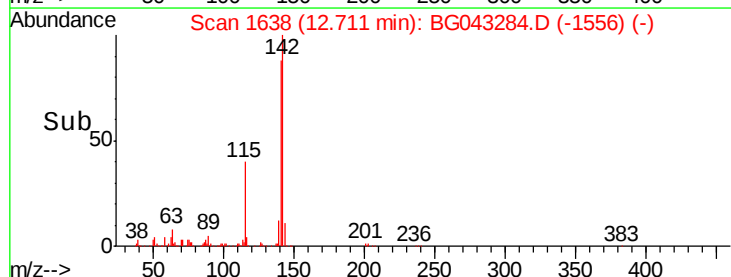
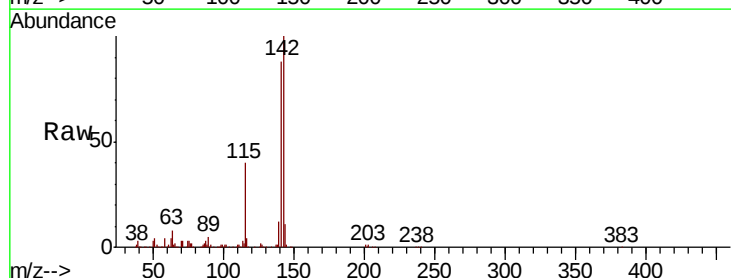
Instrument :
BNA_G
ClientSampleId :
PB124106BS

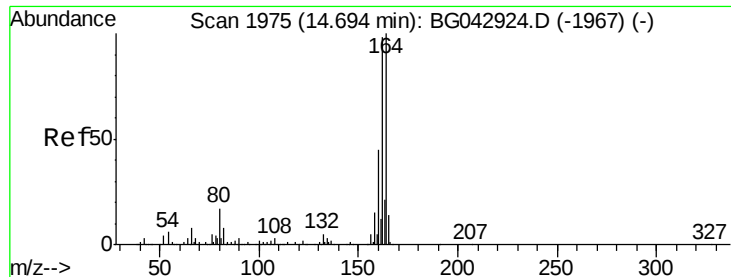
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.6	69.0	103.4
115	40.8	32.8	49.2



#38
1-Methylnaphthalene
Concen: 47.691 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	74.9	112.3
116	4.4	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

ClientSampleId :

PB124106BS

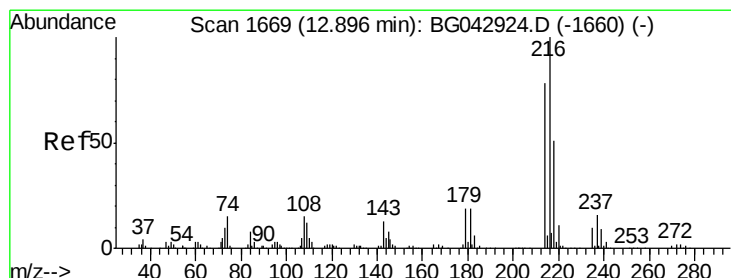
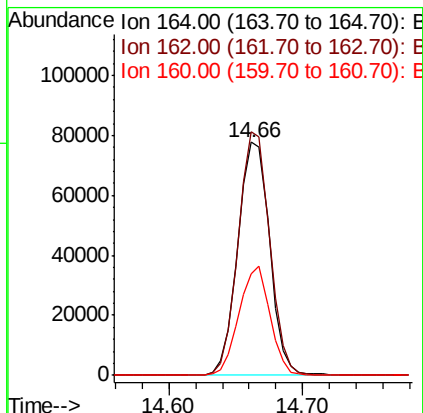
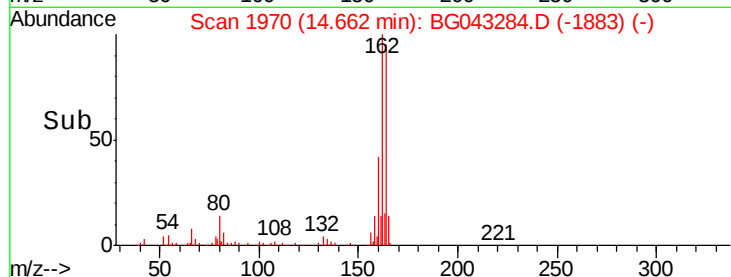
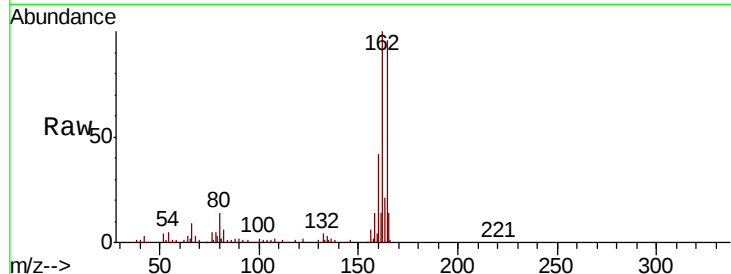
Tot Ion:164 Resp: 128573

Ion Ratio Lower Upper

164 100

162 104.4 78.5 117.7

160 43.6 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.663 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tgt Ion:216 Resp: 201408

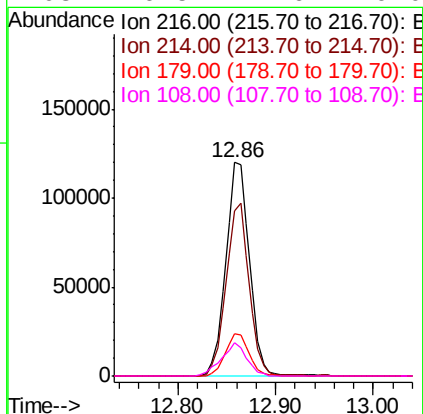
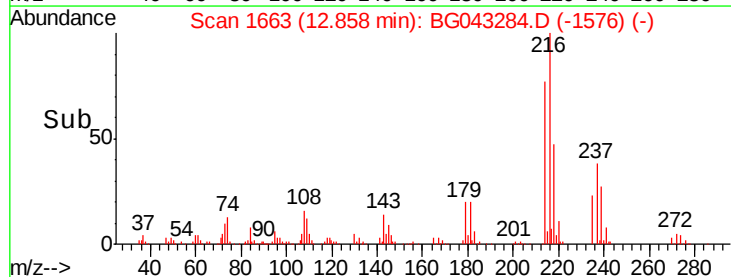
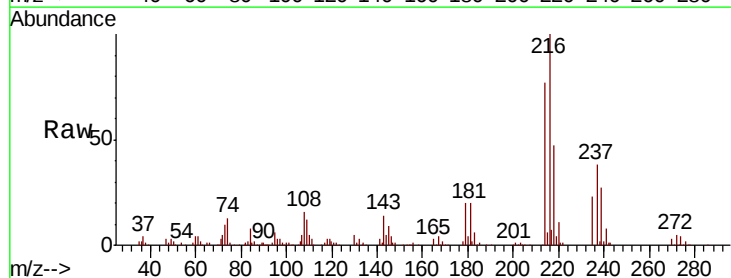
Ion Ratio Lower Upper

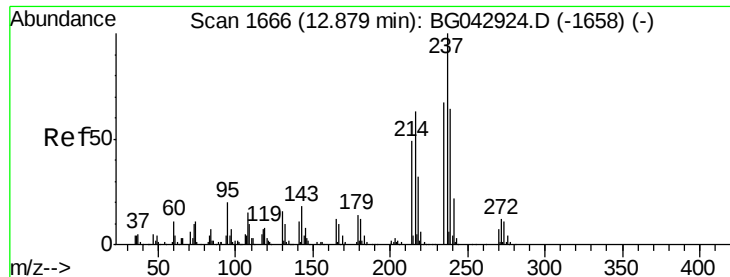
216 100

214 78.4 62.4 93.6

179 19.8 15.4 23.2

108 16.5 12.6 19.0

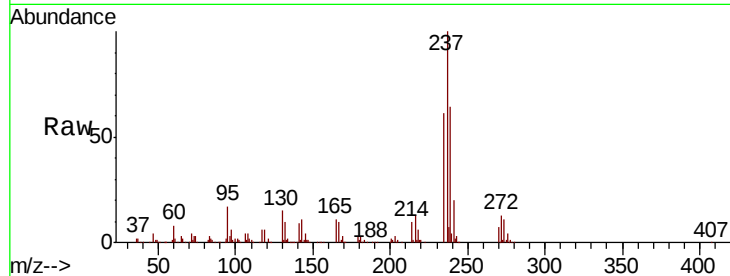




#41
Hexachlorocyclopentadiene
Concen: 78.555 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	60.7	46.7	86.7
272	13.0	0.0	32.3

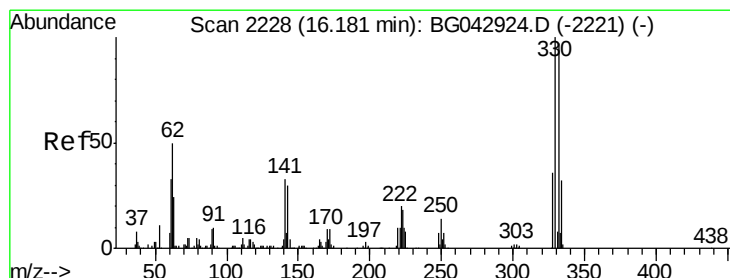
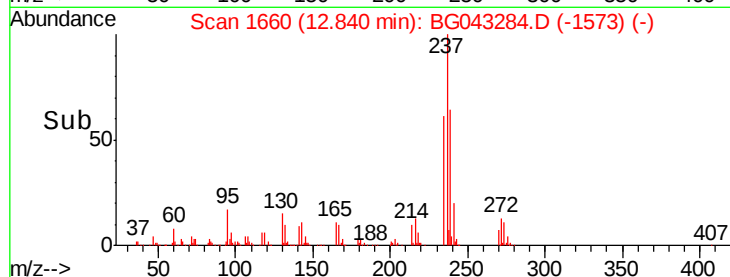
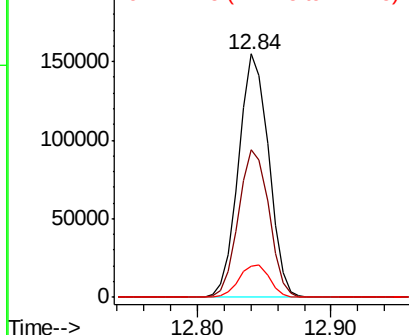


Abundance

Ion 236.80 (236.50 to 237.50): E

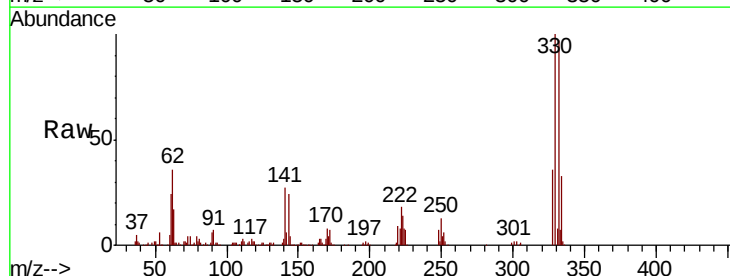
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 102.661 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.2	117.2
141	27.8	26.0	39.0

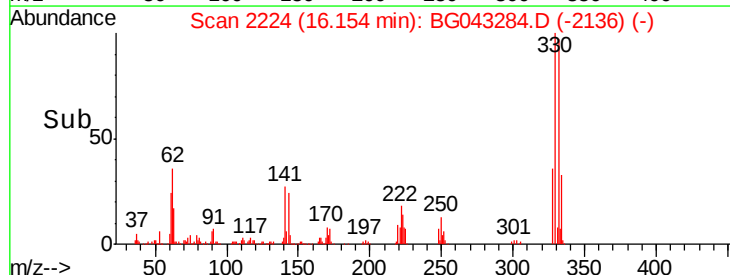
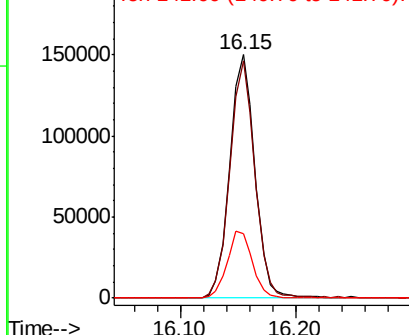


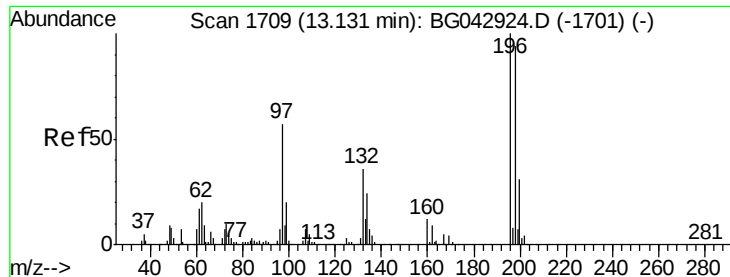
Abundance

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

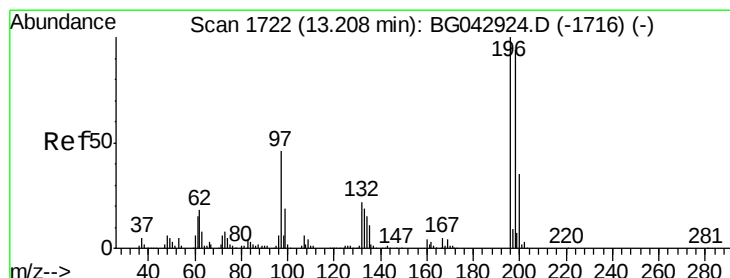
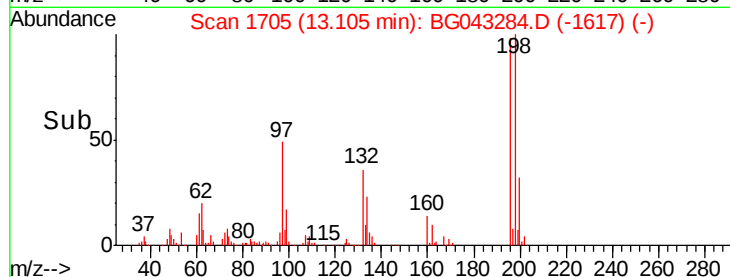
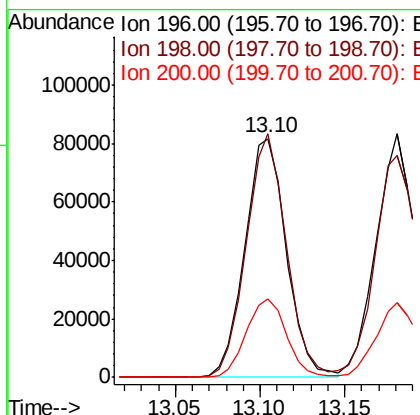
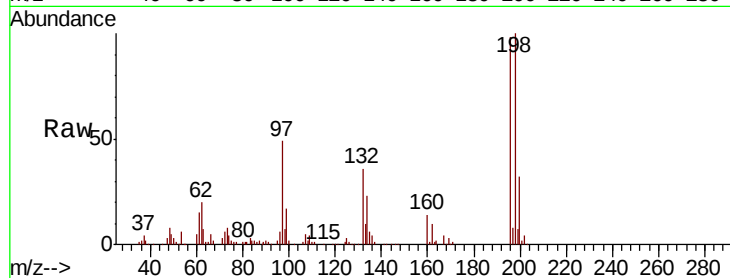




#43
 2,4,6-Trichlorophenol
 Concen: 49.459 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

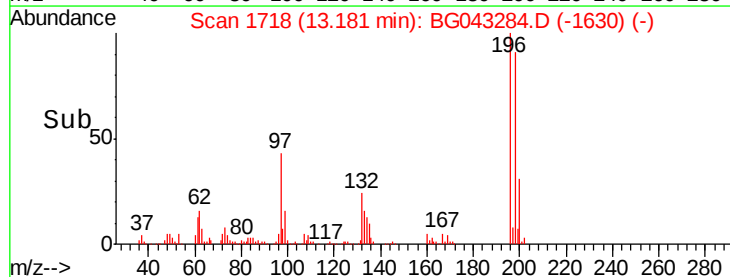
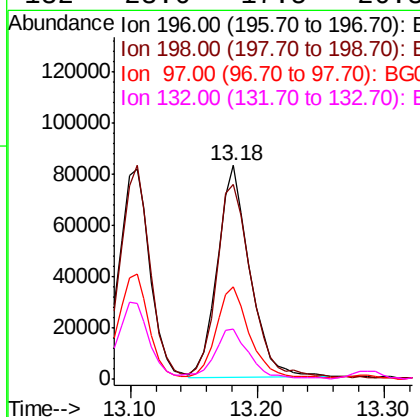
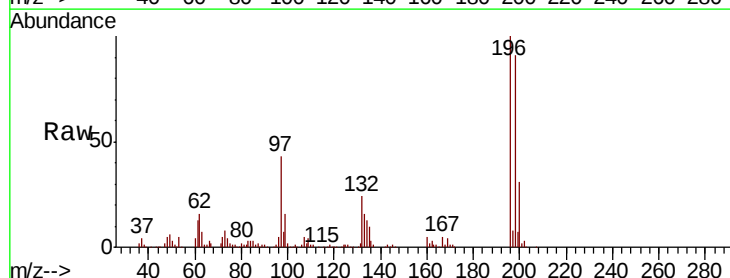
Instrument :
 BNA_G
 ClientSampleId :
 PB124106BS

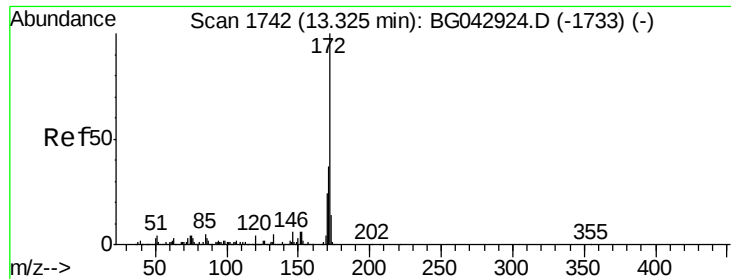
Tot Ion:196 Resp: 139944
 Ion Ratio Lower Upper
 196 100
 198 101.8 75.5 113.3
 200 32.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 50.498 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Tgt Ion:196 Resp: 147194
 Ion Ratio Lower Upper
 196 100
 198 91.3 75.1 112.7
 97 42.9 37.0 55.4
 132 23.6 17.5 26.3

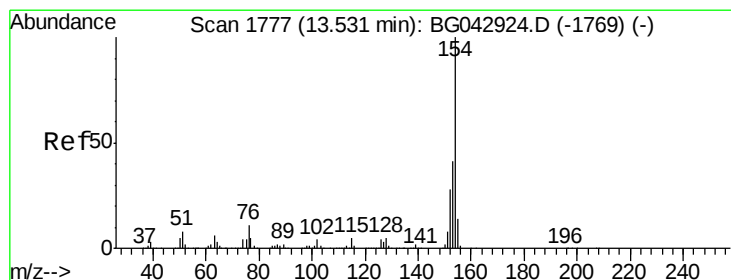
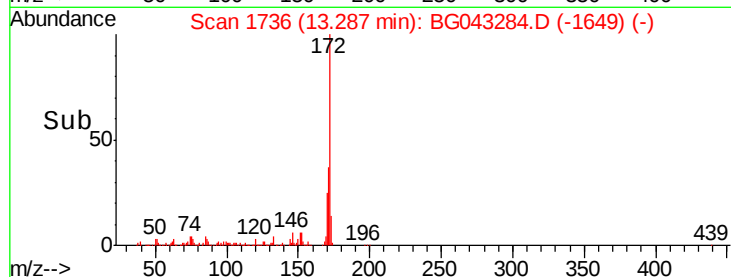
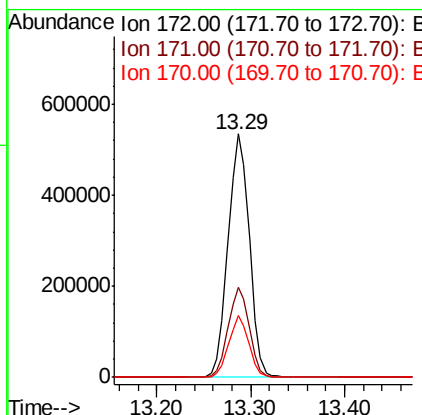
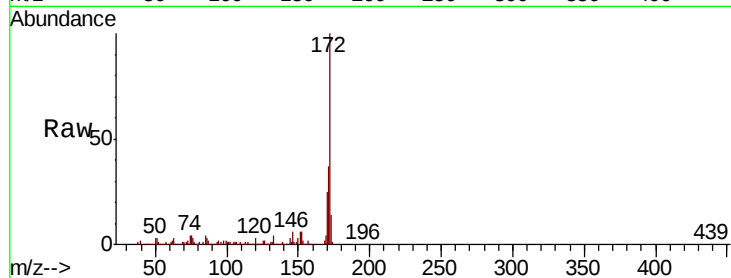




#45
2-Fluorobiphenyl
Concen: 95.178 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

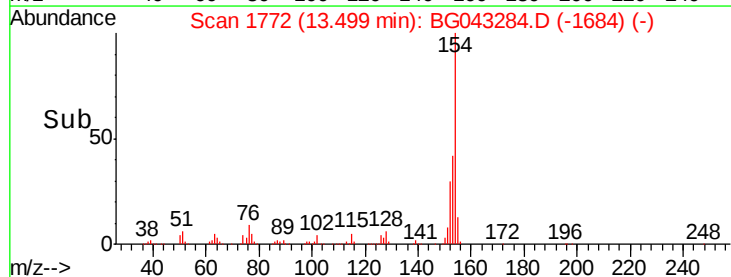
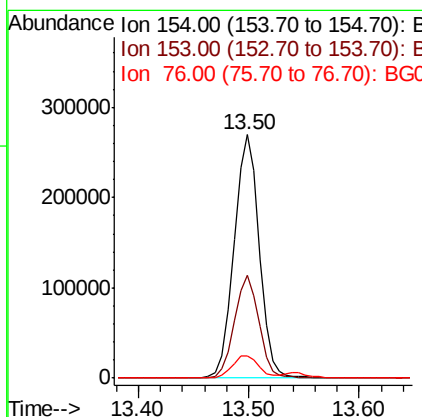
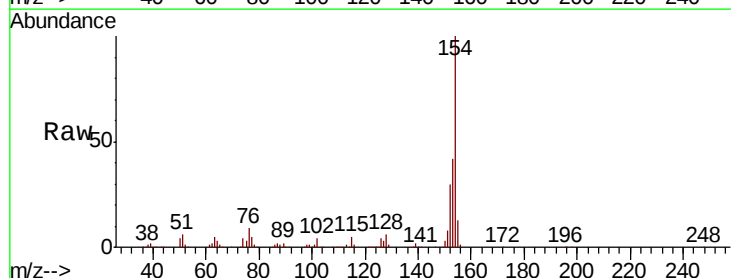
Instrument :
BNA_G
ClientSampleId :
PB124106BS

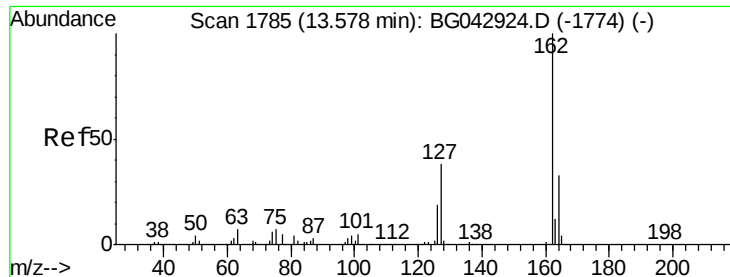
Tot Ion:	172	Resp:	844131
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	25.2	19.6	29.4



#46
1,1'-Biphenyl
Concen: 44.274 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion:	154	Resp:	431687
Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.4	61.4
76	9.3	0.0	31.3

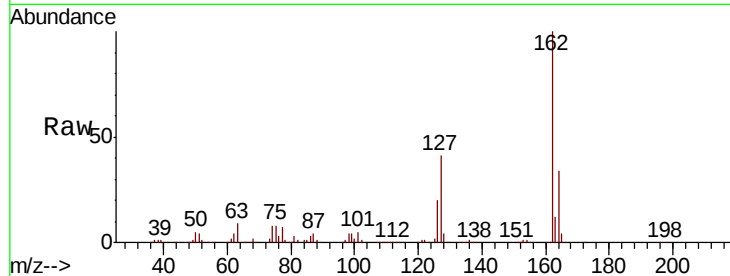




#47
2-Chloronaphthalene
Concen: 45.637 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	31.0	46.6
164	33.6	26.2	39.2

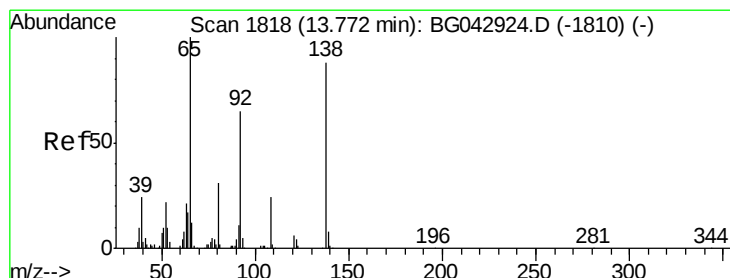
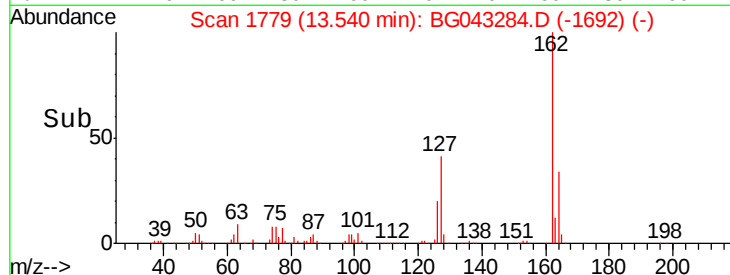
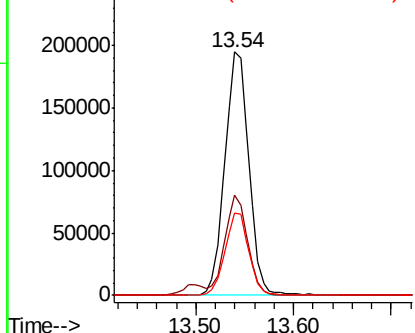


Abundance

Ion 162.00 (161.70 to 162.70): E

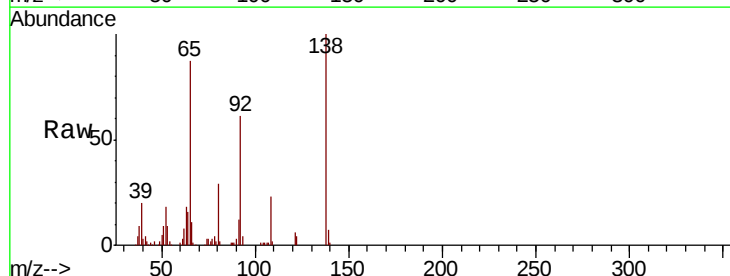
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.766 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	52.0	78.0
138	115.2	70.4	105.6

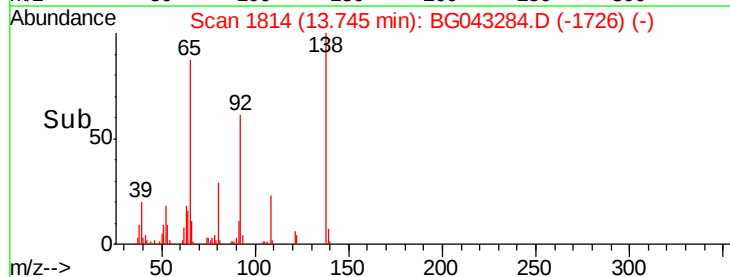
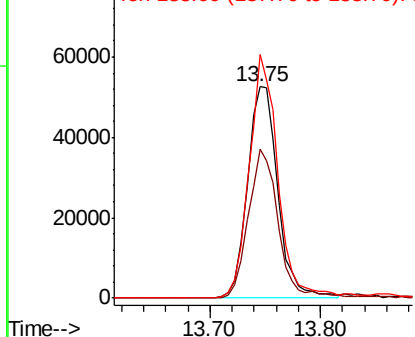


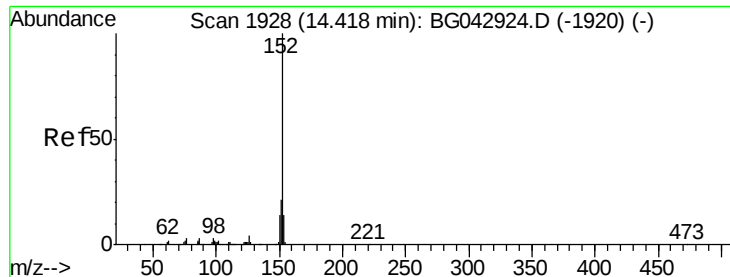
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.799 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

ClientSampleId :

PB124106BS

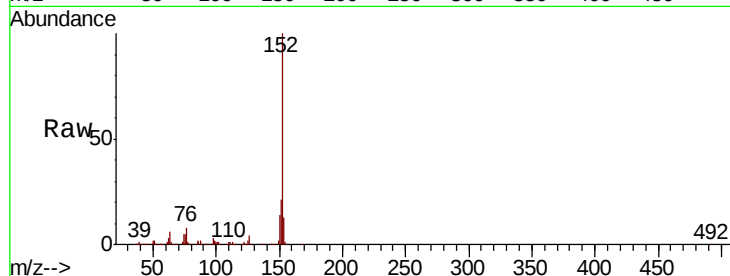
Tot Ion:152 Resp: 557039

Ion Ratio Lower Upper

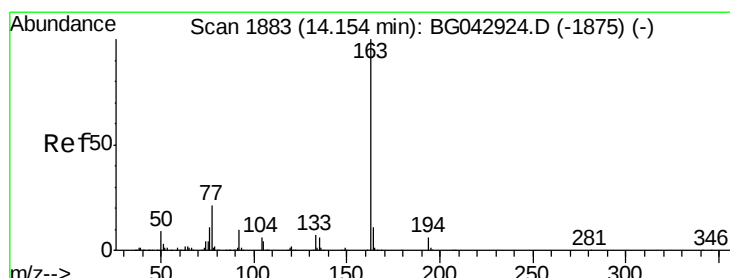
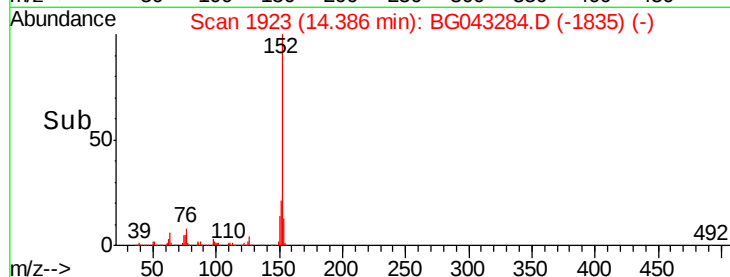
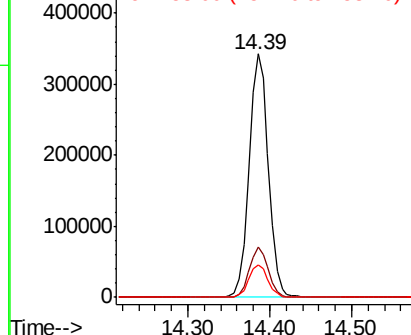
152 100

151 20.9 16.8 25.2

153 13.2 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.225 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

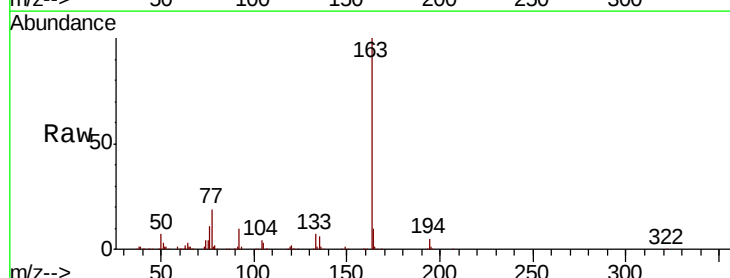
Tgt Ion:163 Resp: 464574

Ion Ratio Lower Upper

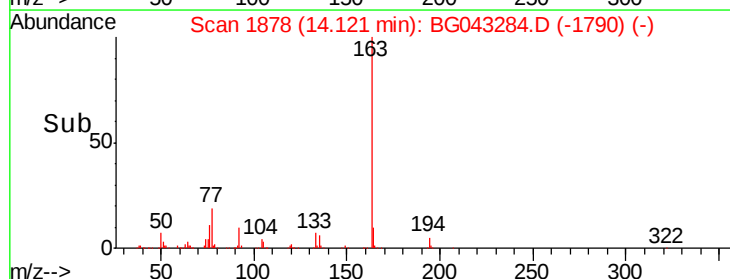
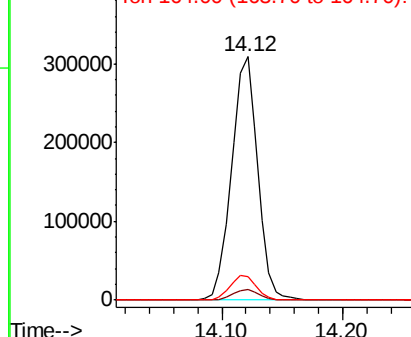
163 100

194 4.6 4.4 6.6

164 9.9 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

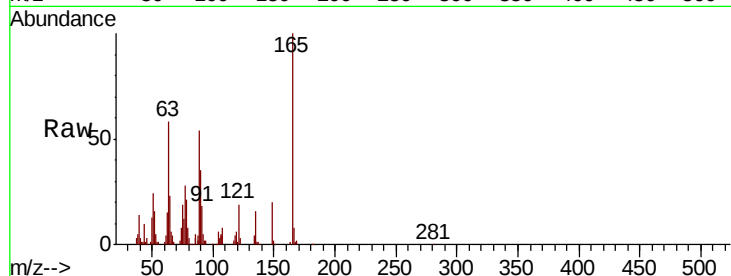




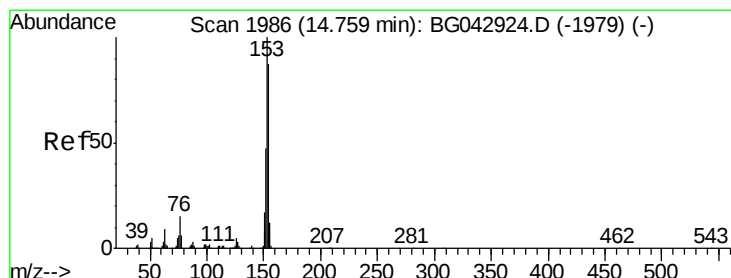
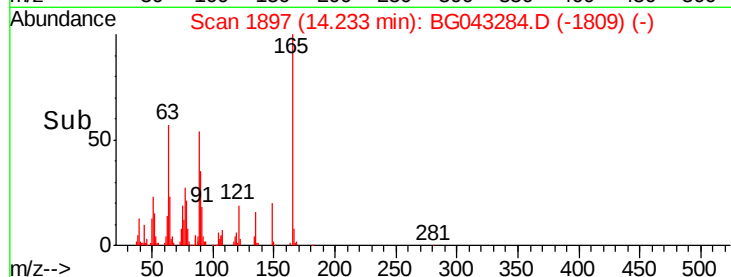
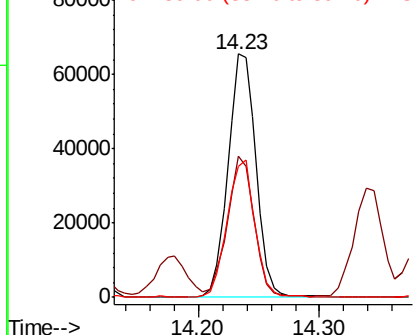
#51
 2,6-Dinitrotoluene
 Concen: 51.270 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.3	50.3	75.5
89	54.0	48.9	73.3

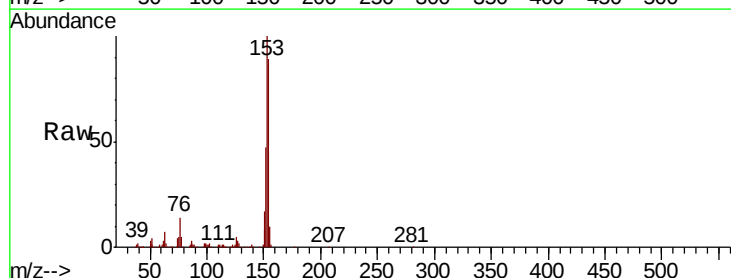


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

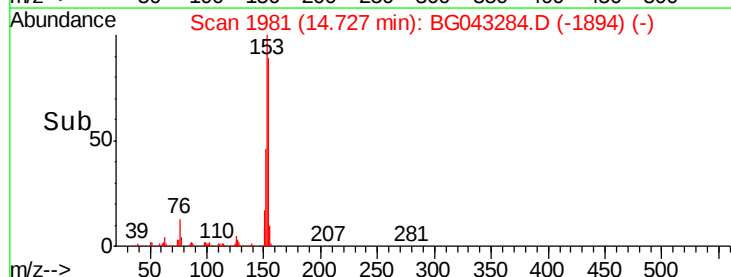
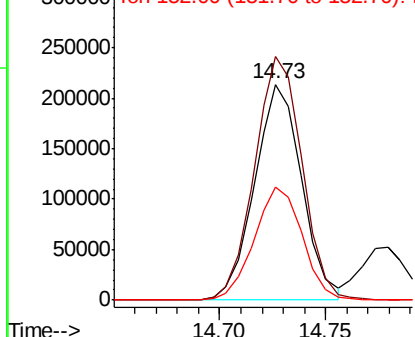


#52
 Acenaphthene
 Concen: 44.290 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.02 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.4	137.0
152	52.5	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: 16.627 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

ClientSampleId :

PB124106BS

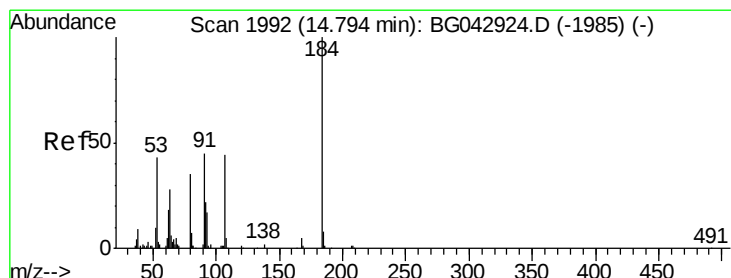
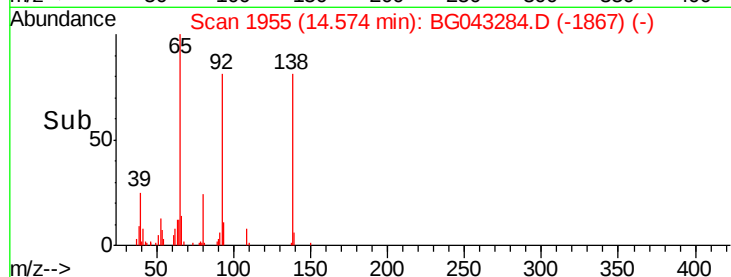
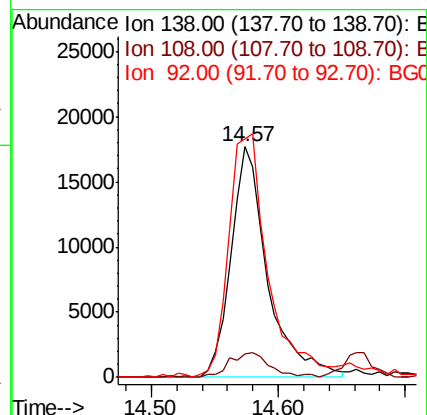
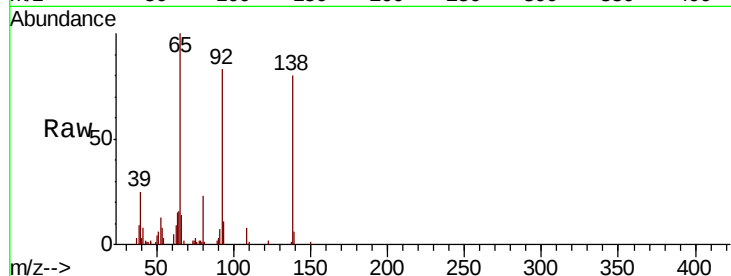
Tot Ion:138 Resp: 35251

Ion Ratio Lower Upper

138 100

108 10.2 7.9 11.9

92 103.7 97.0 145.6



#54

2,4-Dinitrophenol

Concen: 106.398 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

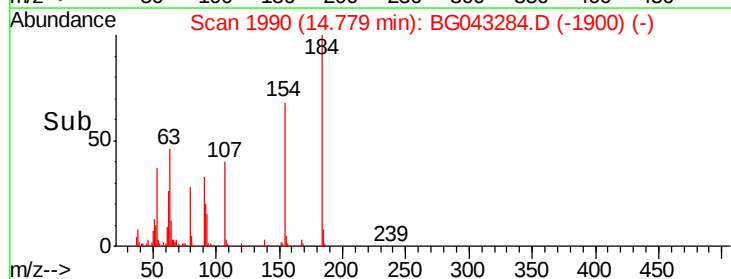
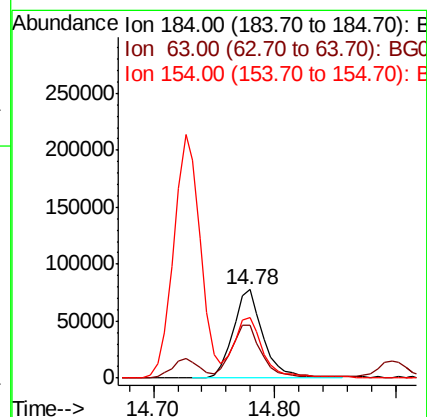
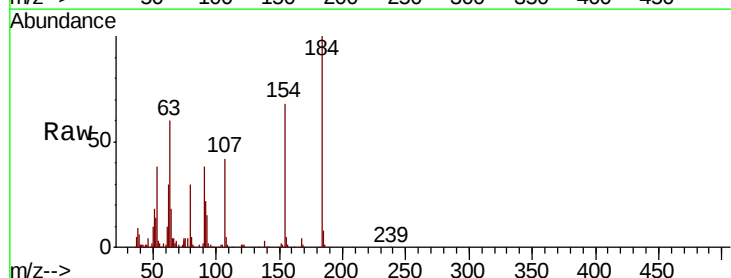
Tgt Ion:184 Resp: 135678

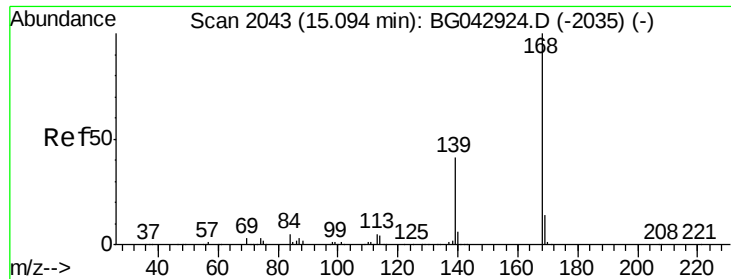
Ion Ratio Lower Upper

184 100

63 59.8 55.0 82.6

154 67.9 56.5 84.7

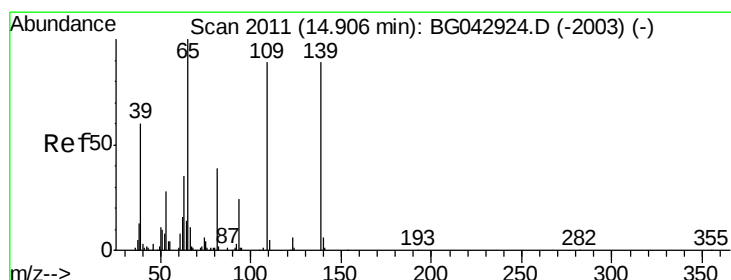
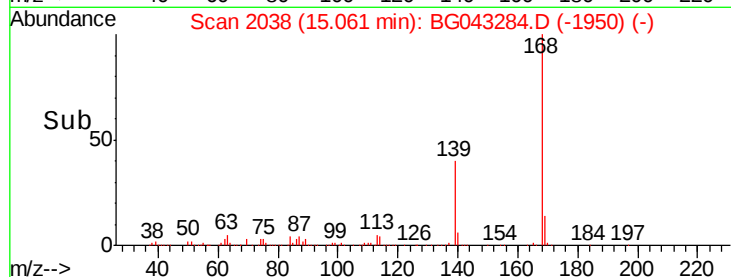
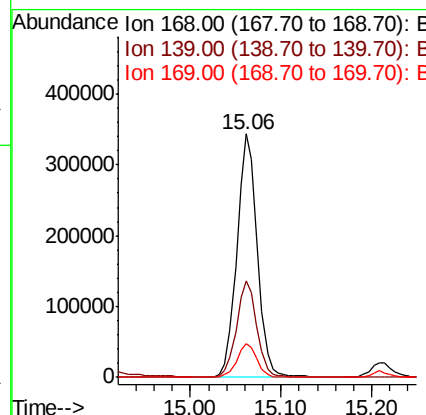
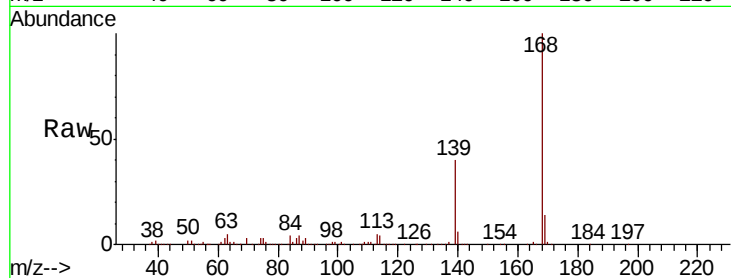




#55
Dibenzofuran
Concen: 48.695 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

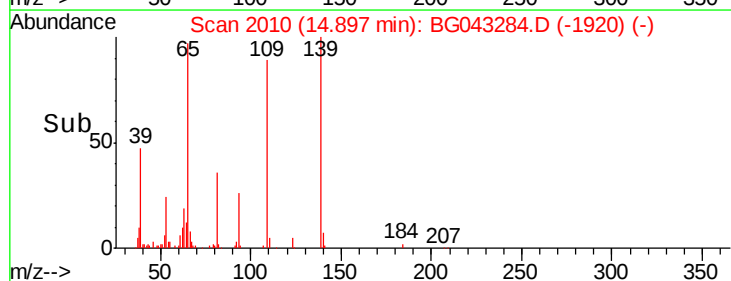
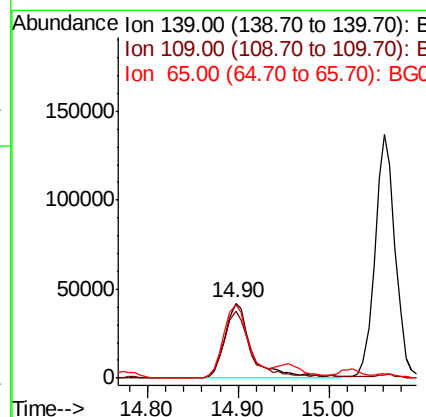
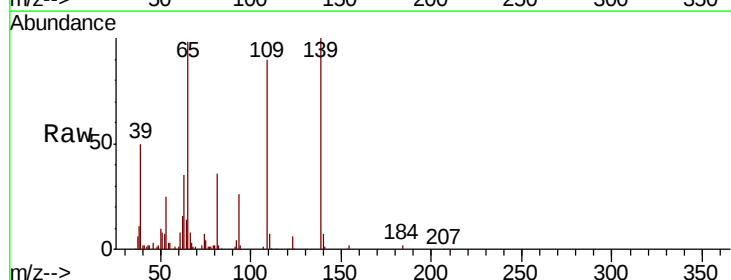
Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	32.6	48.8
169	14.0	11.2	16.8



#56
4-Nitrophenol
Concen: 53.755 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.5	79.4	119.4
65	98.3	92.5	132.5

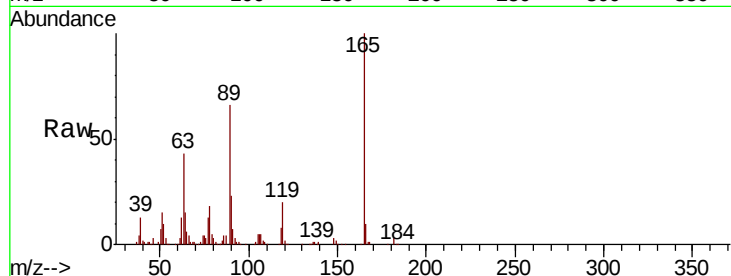




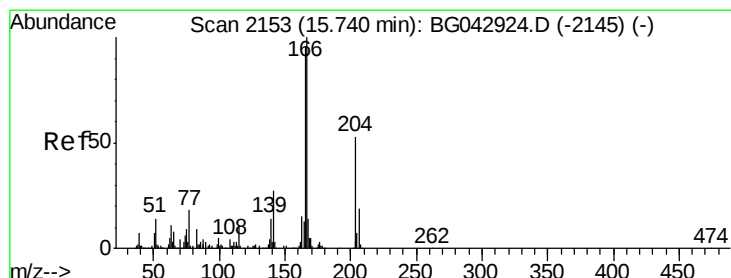
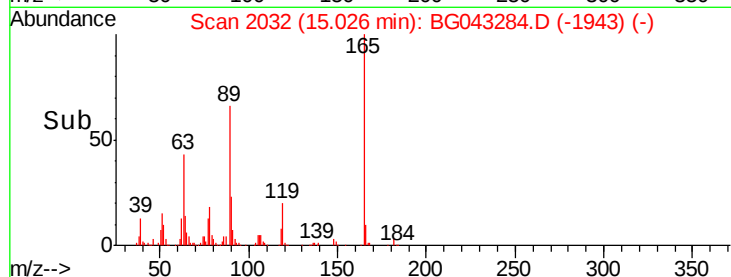
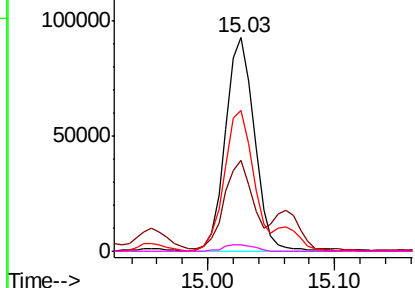
#57
2,4-Dinitrotoluene
Concen: 48.991 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.5	36.5	54.7
89	65.9	55.5	83.3
182	3.0	2.4	3.6

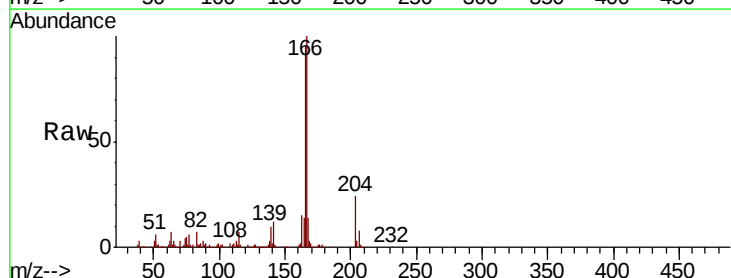


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

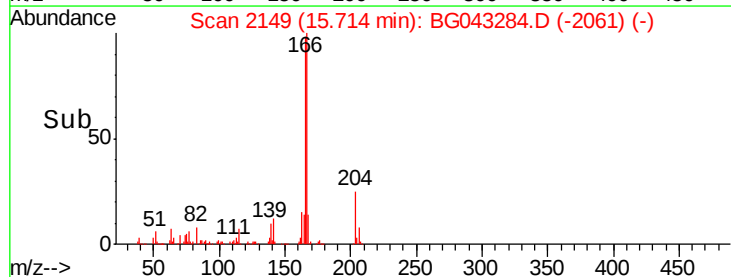
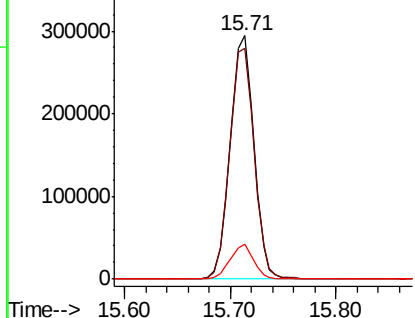


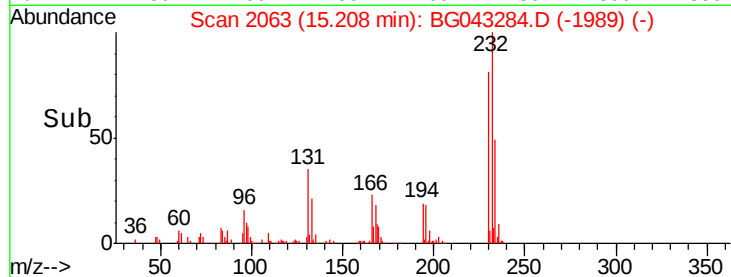
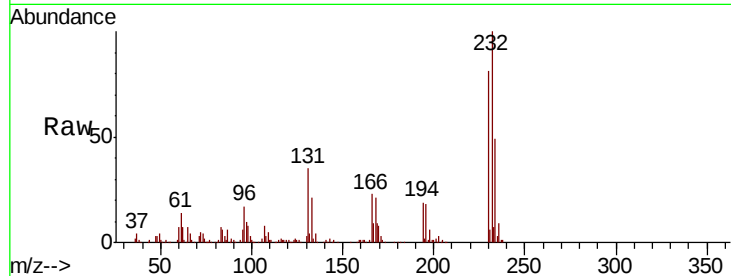
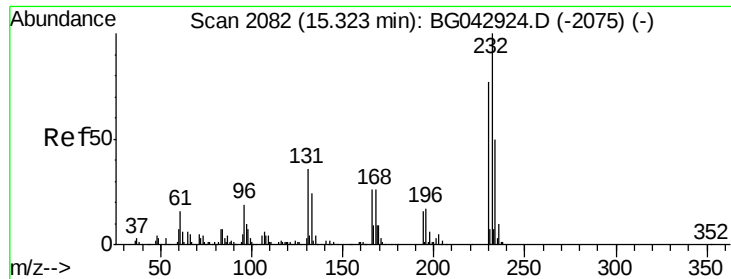
#58
Fluorene
Concen: 48.260 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.0	77.1	115.7
167	14.3	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

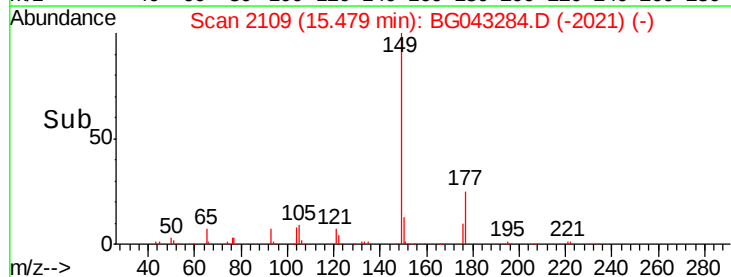
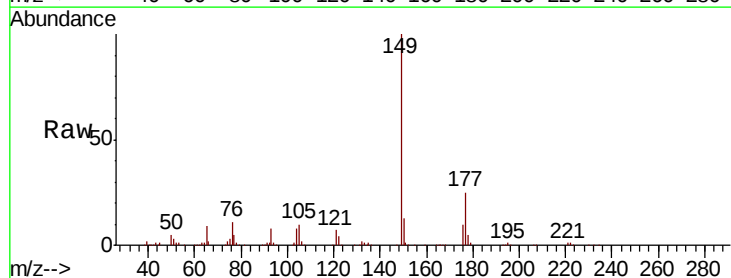
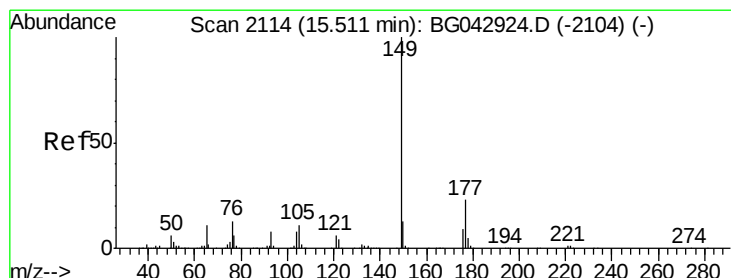
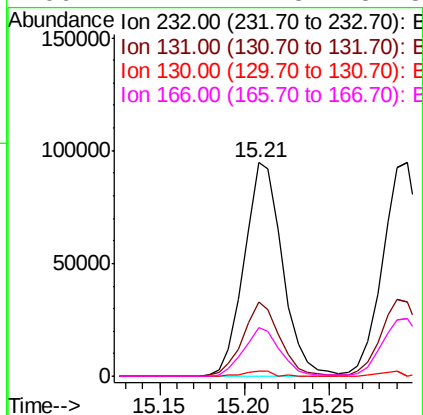




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.146 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.10 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

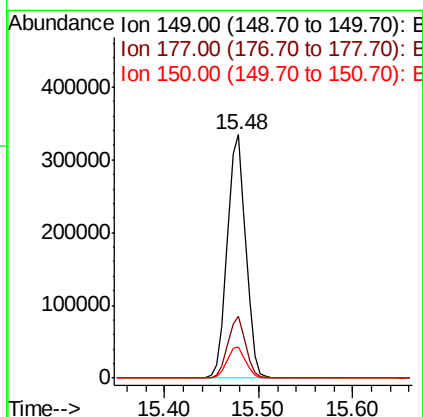
Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion:	232	Resp:	149424
Ion	Ratio	Lower	Upper
232	100		
131	33.5	29.6	44.4
130	2.0	1.9	2.9
166	22.1	21.8	32.8



#60
Diethylphthalate
Concen: 46.747 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion:	149	Resp:	458310
Ion	Ratio	Lower	Upper
149	100		
177	25.2	18.8	28.2
150	12.9	10.6	15.8

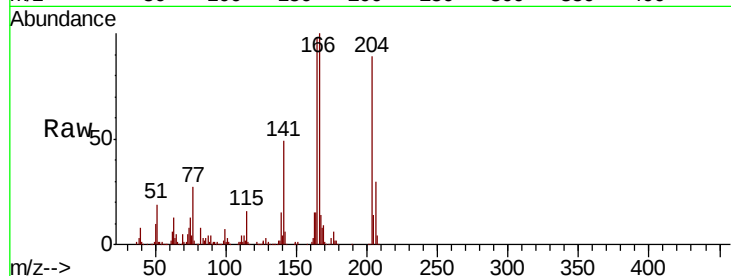




#61
4-Chlorophenyl-phenylether
Concen: 45.794 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	28.5	42.7
141	54.5	42.4	63.6

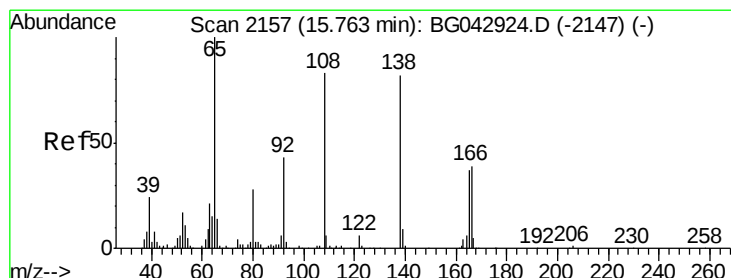
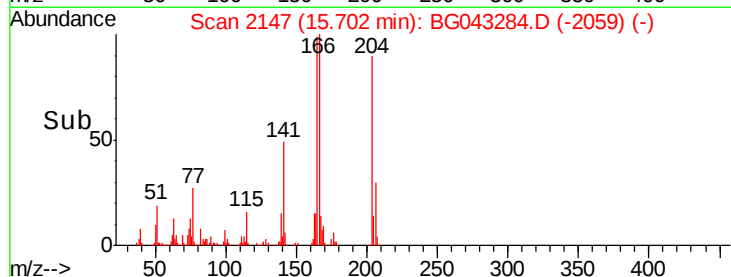
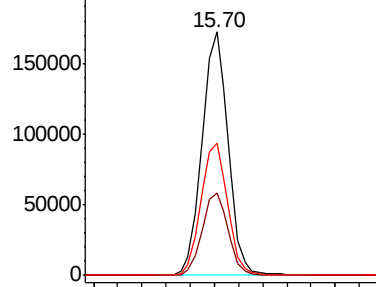


Abundance

Ion 204.00 (203.70 to 204.70): E

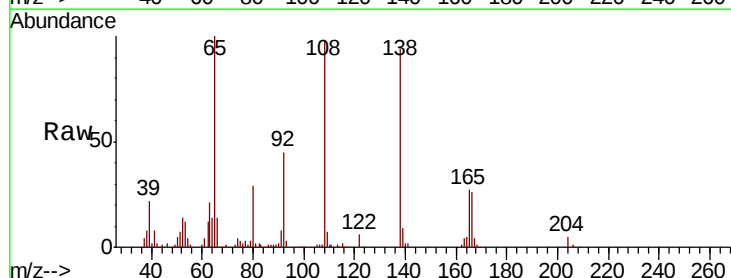
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.494 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	32.9	72.9
108	104.8	81.3	121.3

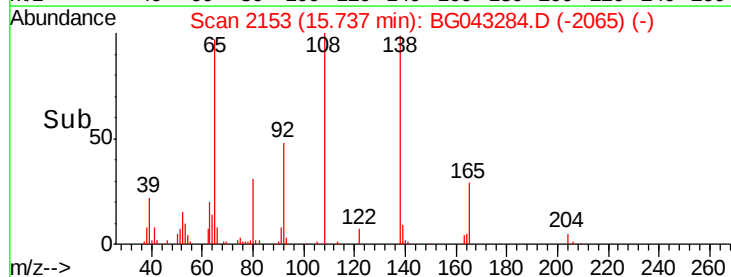
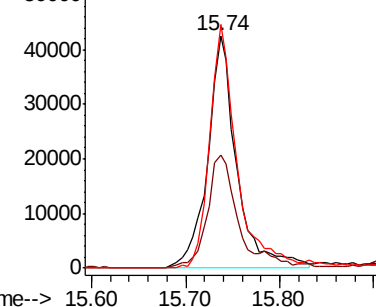


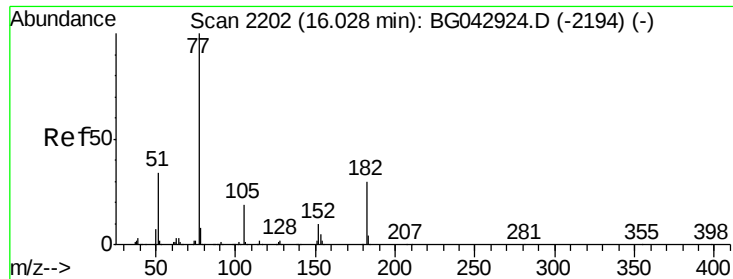
Abundance

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: 43.340 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

ClientSampleId :

PB124106BS

Tot Ion: 77 Resp: 386849

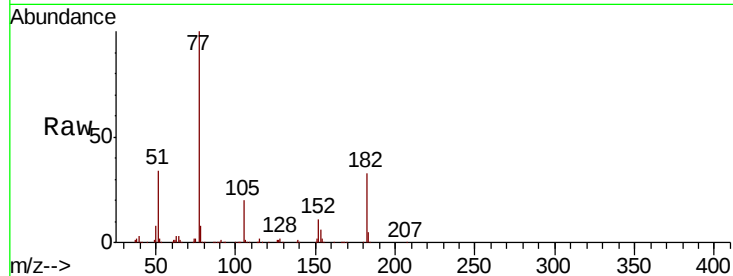
Ion Ratio Lower Upper

77 100

182 33.1 10.2 50.2

105 19.8 0.0 39.1

51 33.6 13.9 53.9

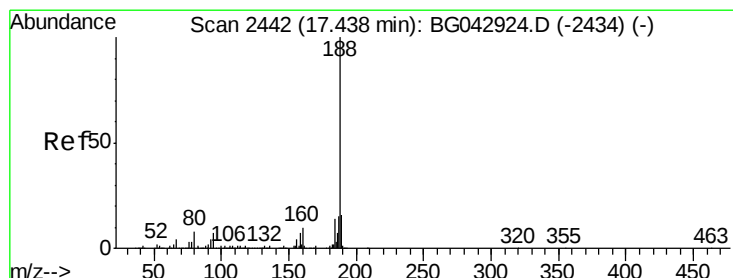
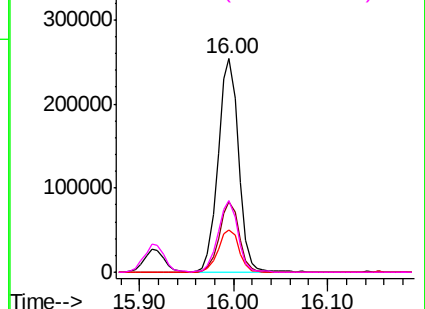
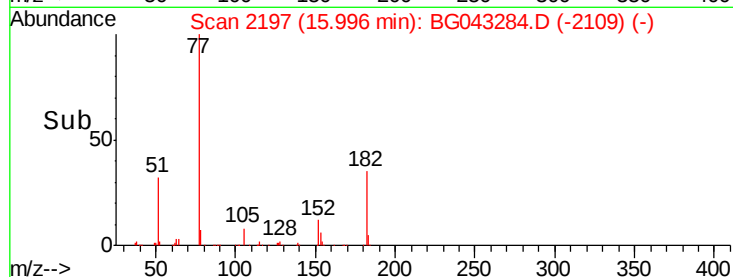


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

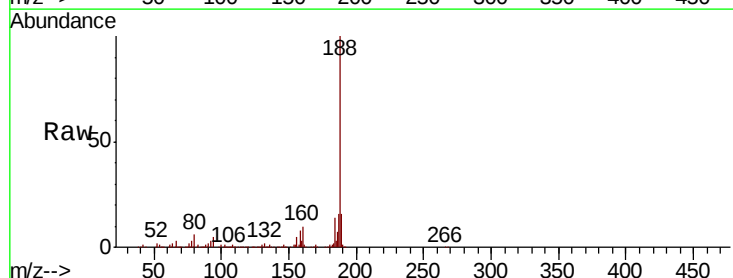
Tgt Ion: 188 Resp: 299008

Ion Ratio Lower Upper

188 100

94 5.3 5.7 8.5#

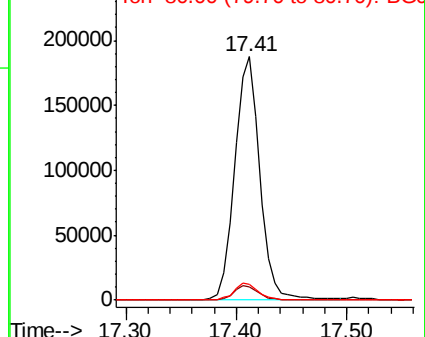
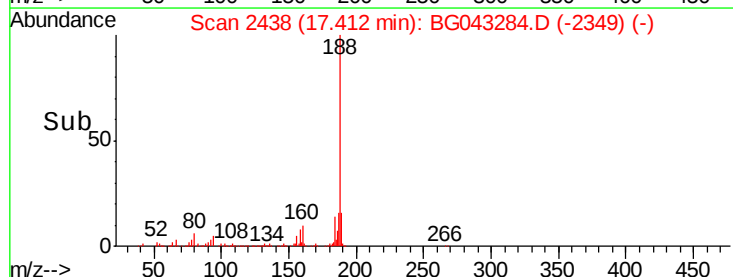
80 6.3 6.5 9.7#

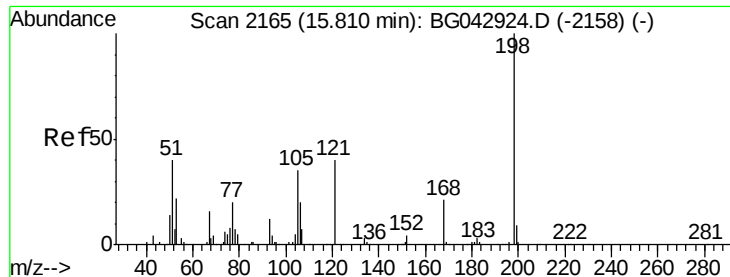


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 58.113 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

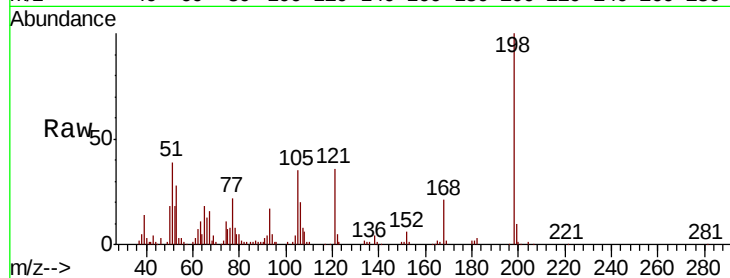
BNA_G

ClientSampleId :

PB124106BS

Tot Ion:198 Resp: 98326

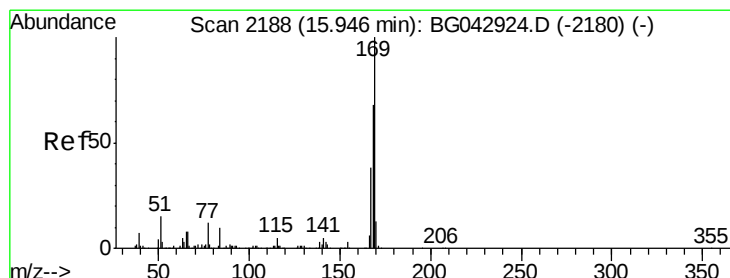
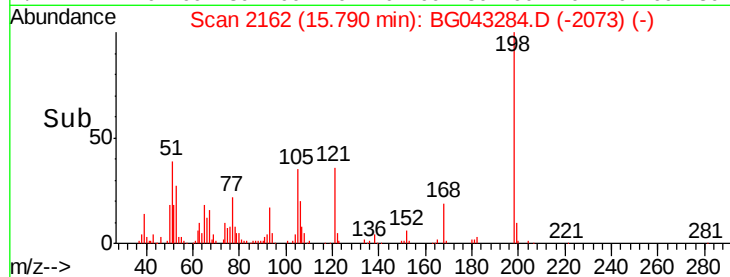
Ion	Ratio	Lower	Upper
198	100		
51	39.1	25.3	65.3
105	34.5	16.6	56.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.464 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

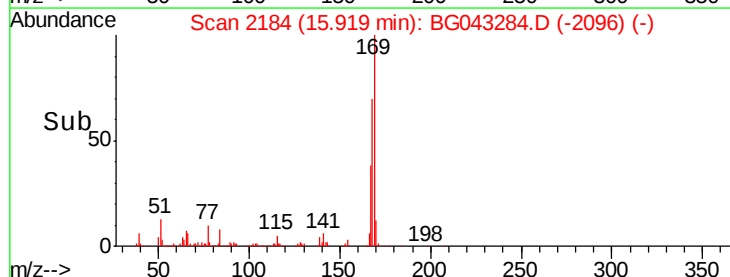
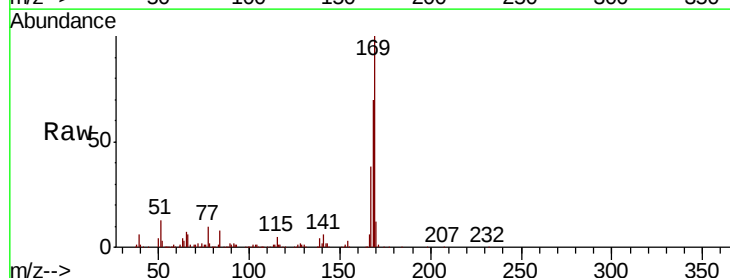
Tgt Ion:169 Resp: 390438

Ion	Ratio	Lower	Upper
169	100		
168	70.3	54.8	82.2
167	37.9	30.6	46.0

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

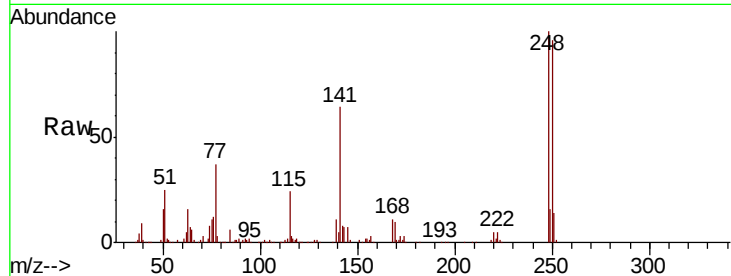




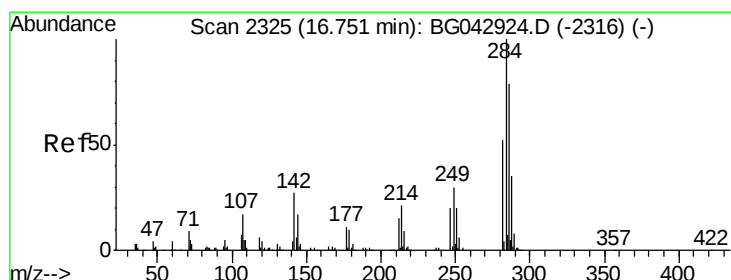
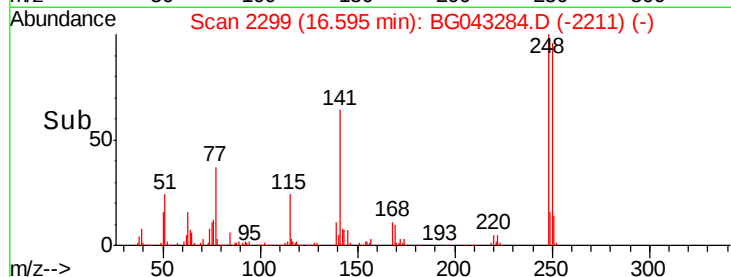
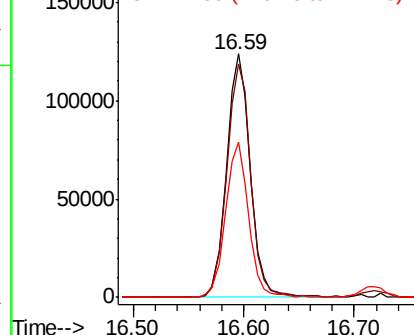
#67
4-Bromophenyl-phenylether
Concen: 49.340 ng
RT: 16.59 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion:248 Resp: 185166
Ion Ratio Lower Upper
248 100
250 95.8 75.8 113.8
141 63.6 51.1 76.7

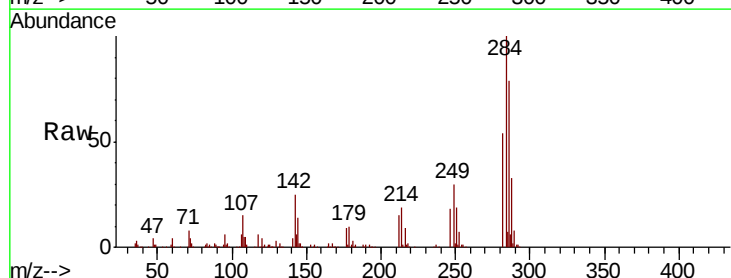


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

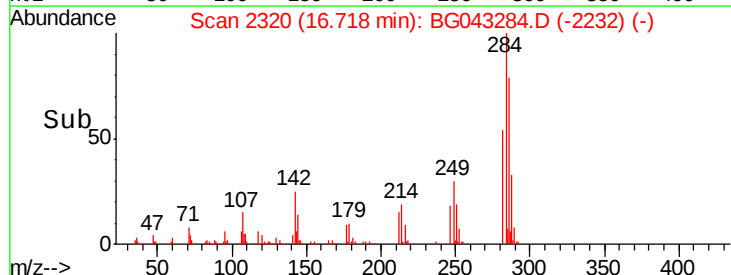
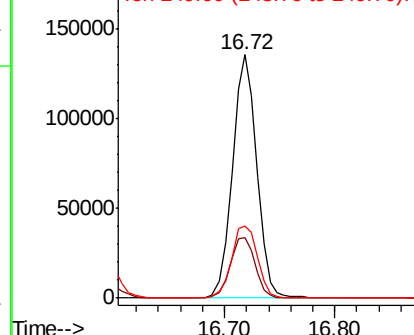


#68
Hexachlorobenzene
Concen: 49.905 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion:284 Resp: 208531
Ion Ratio Lower Upper
284 100
142 25.0 21.6 32.4
249 29.8 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

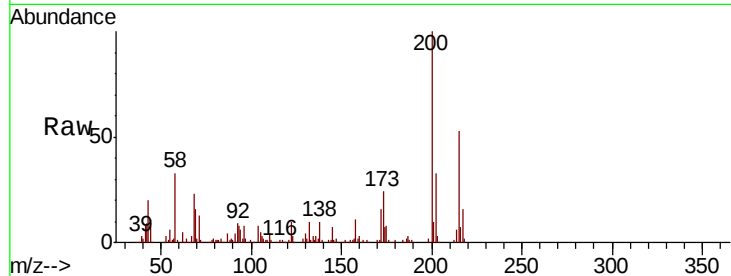




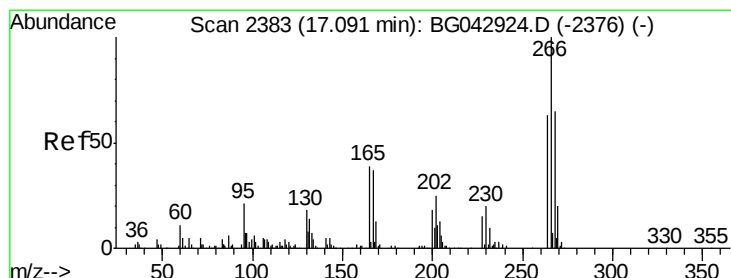
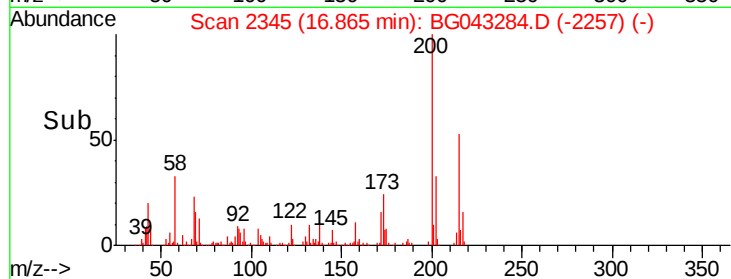
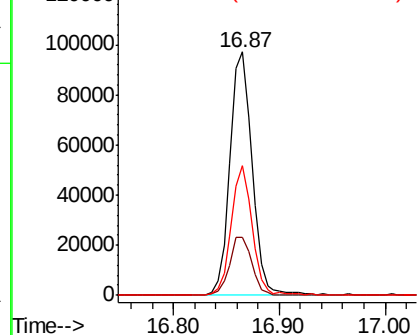
#69
 Atrazine
 Concen: 42.597 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.9	4.0	44.0
215	53.4	27.4	67.4

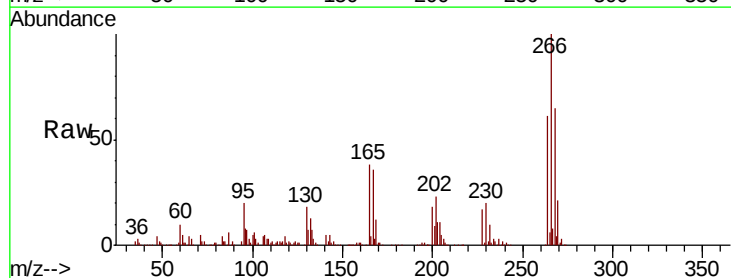


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

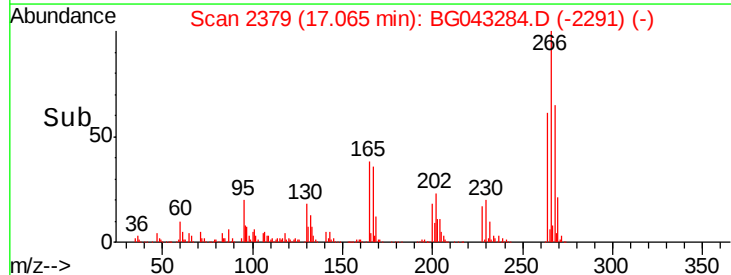
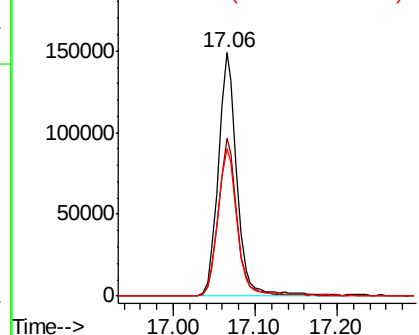


#70
 Pentachlorophenol
 Concen: 99.129 ng
 RT: 17.06 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	52.2	78.2
264	60.8	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

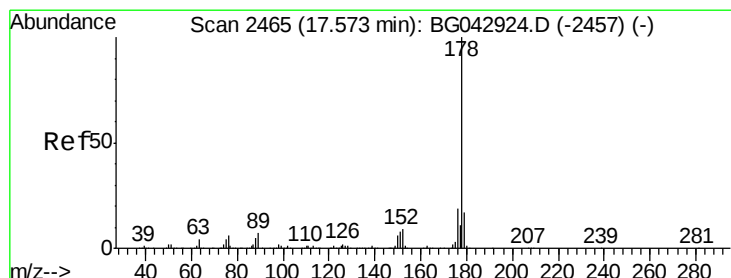
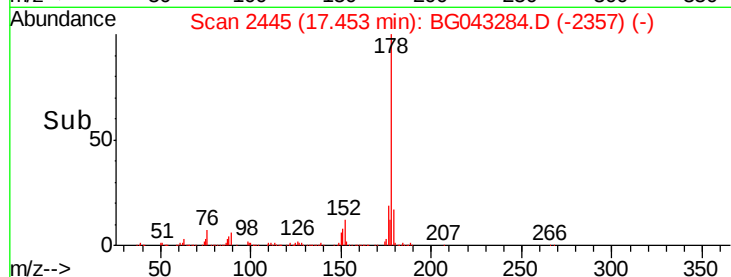
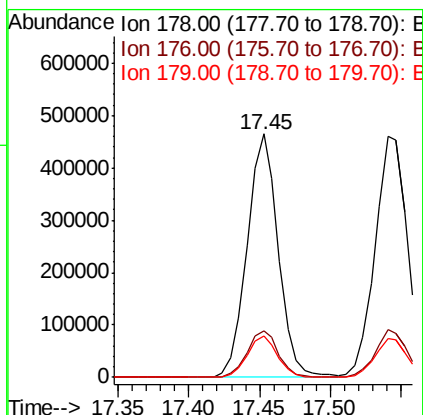
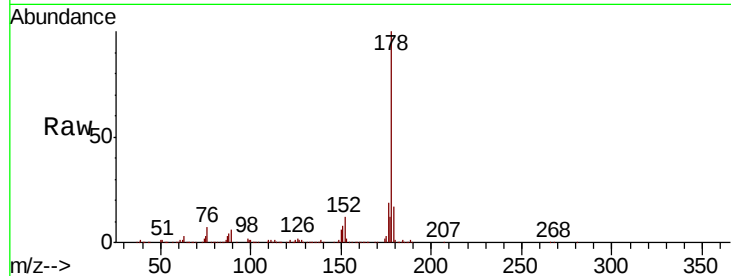




#71
Phenanthrene
Concen: 49.193 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

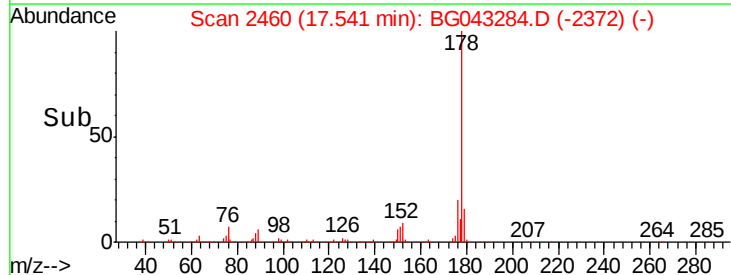
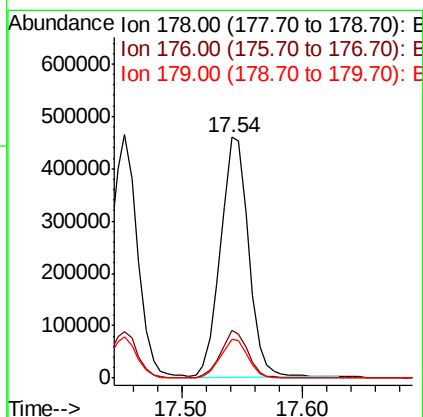
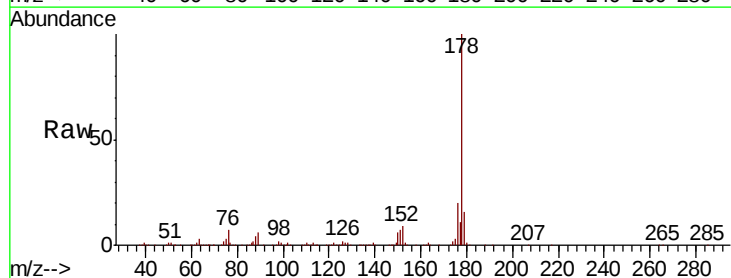
Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	17.2	14.1	21.1



#72
Anthracene
Concen: 50.888 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	16.2	13.5	20.3

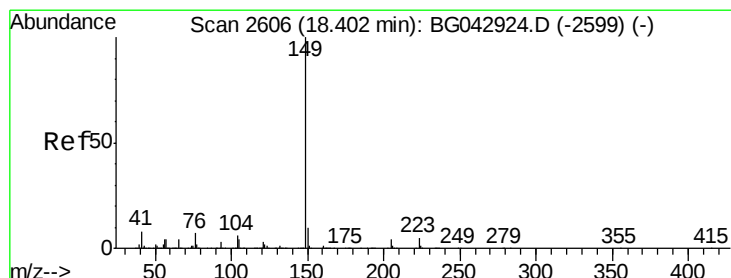
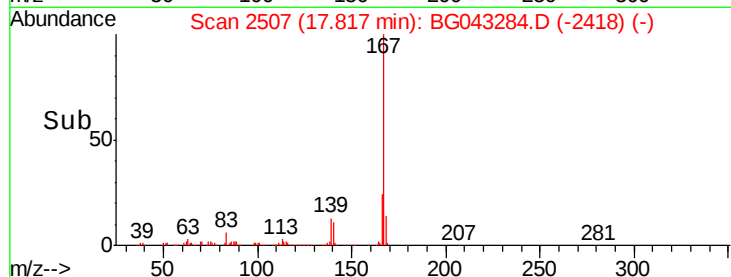
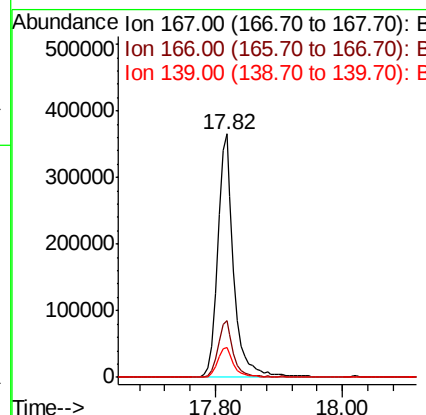
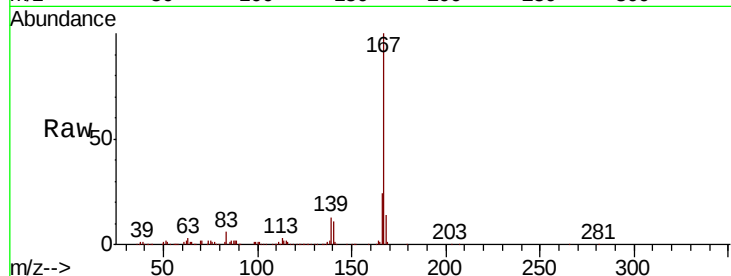




#73
 Carbazole
 Concen: 48.487 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

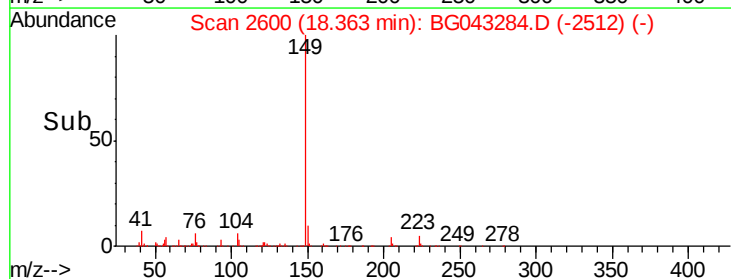
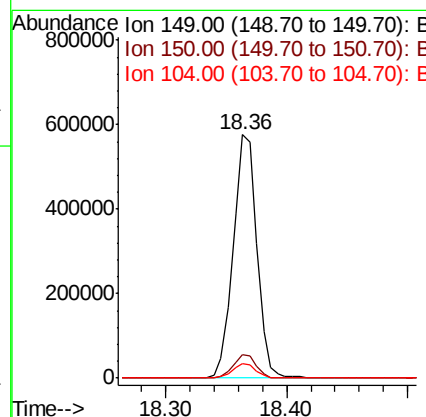
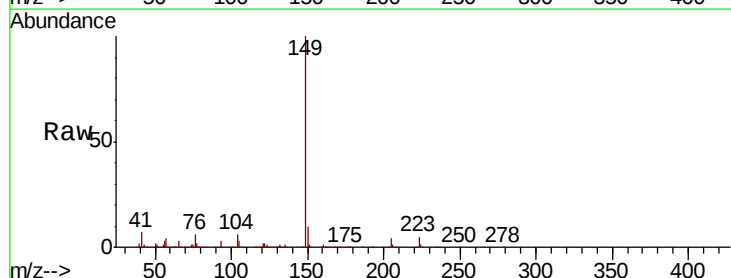
Instrument :
 BNA_G
 ClientSampleId :
 PB124106BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.6	28.0
139	12.5	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 48.713 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.8	5.0	7.6





#75

Fluoranthene

Concen: 48.966 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

ClientSampleId :

PB124106BS

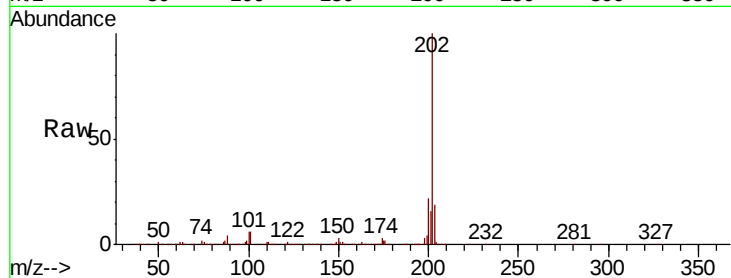
Tot Ion:202 Resp: 945438

Ion Ratio Lower Upper

202 100

101 6.5 0.0 27.3

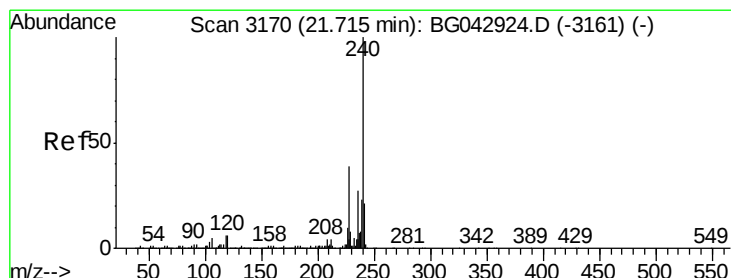
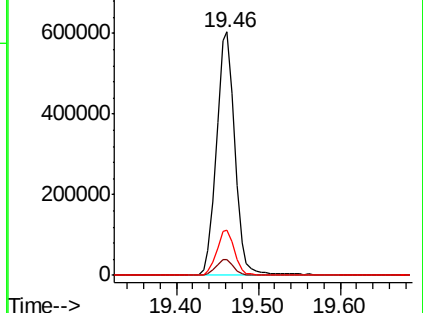
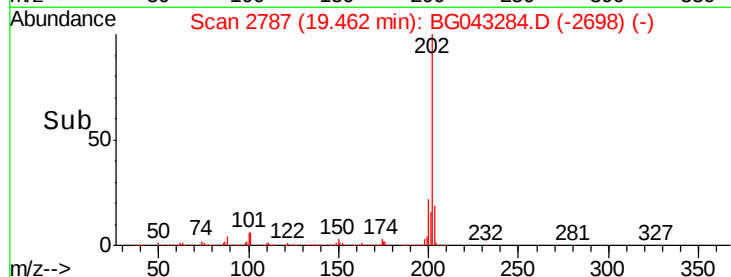
203 18.5 0.0 39.5



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: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

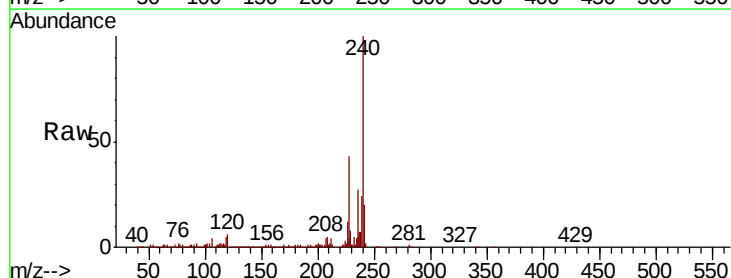
Tgt Ion:240 Resp: 320787

Ion Ratio Lower Upper

240 100

120 5.5 4.8 7.2

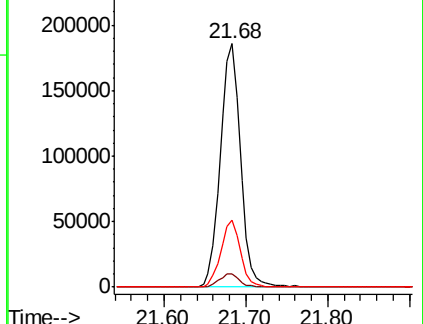
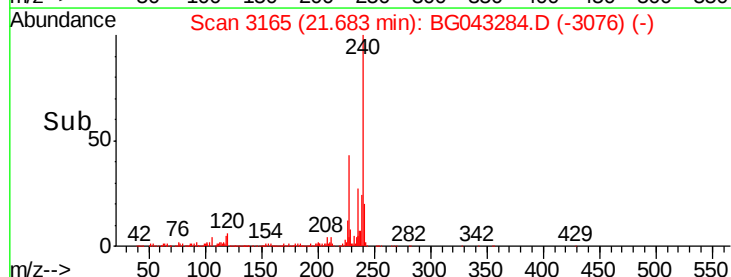
236 27.4 21.4 32.0

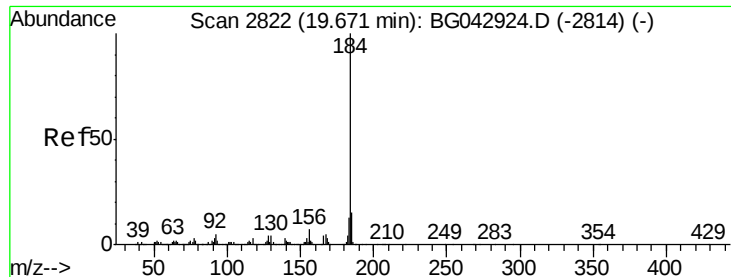


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.350 ng

RT: 19.67 min Scan# 2823

Delta R.T. 0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

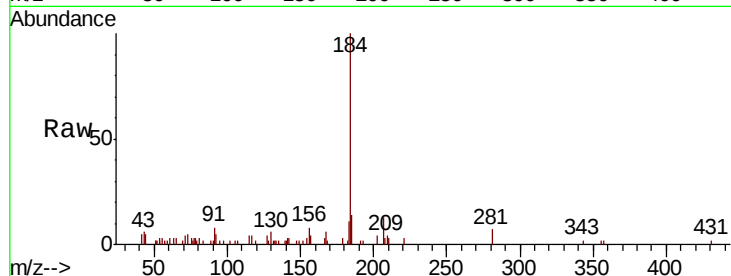
BNA_G

ClientSampleId :

PB124106BS

Tot Ion:184 Resp: 51007

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.8	17.8
183	11.2	10.1	15.1

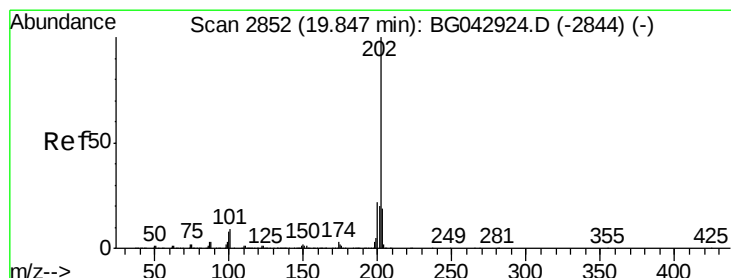
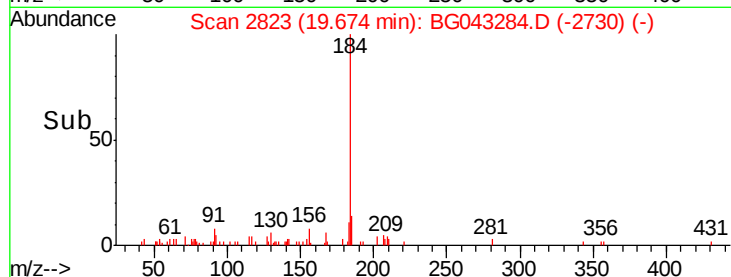
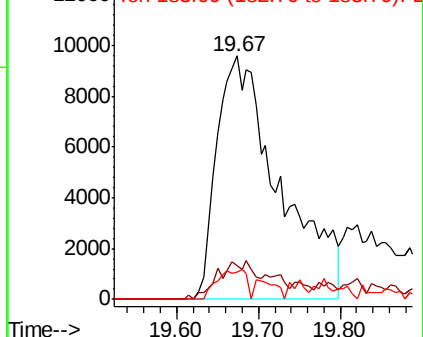


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.595 ng

RT: 19.82 min Scan# 2848

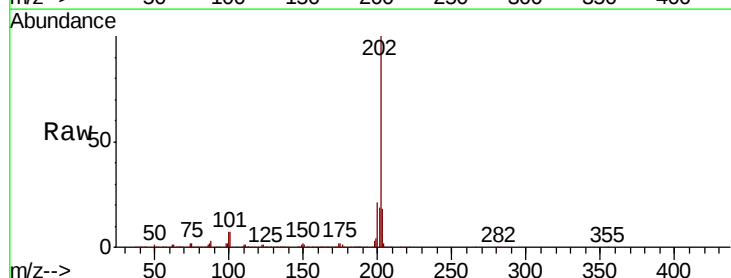
Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tgt Ion:202 Resp: 949580

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.0	15.2	22.8

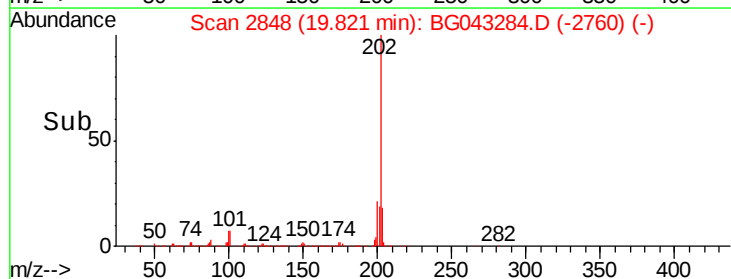
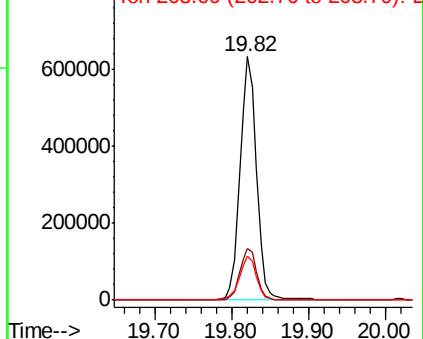


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 102.874 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

ClientSampleId :

PB124106BS

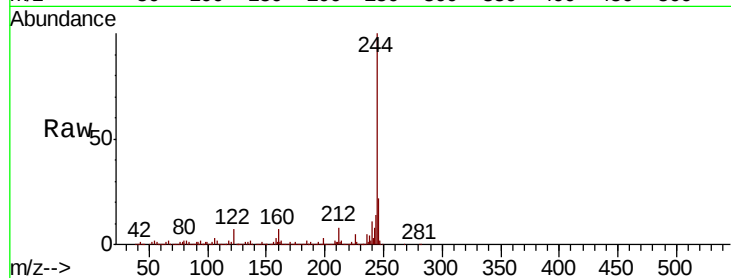
Tot Ion:244 Resp: 1548683

Ion Ratio Lower Upper

244 100

212 7.7 7.4 11.0

122 6.7 7.0 10.4#

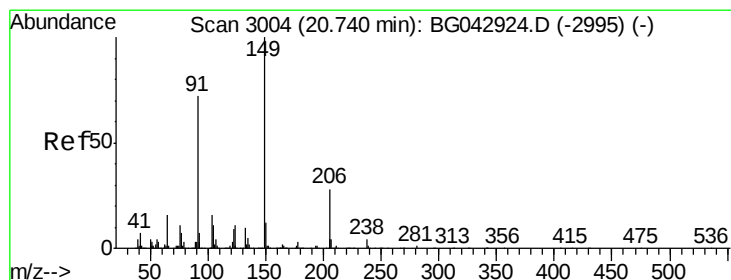
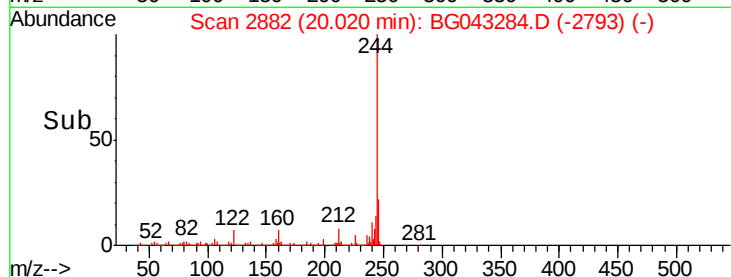
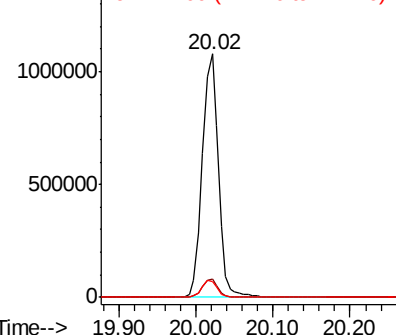


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.440 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

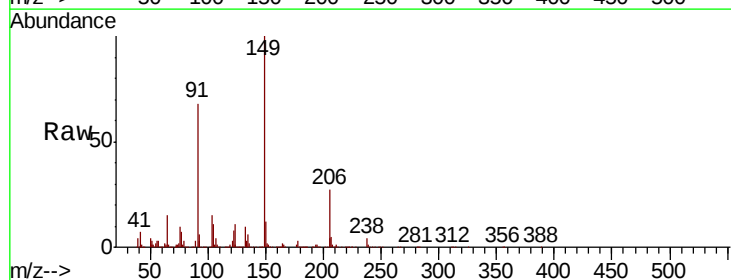
Tgt Ion:149 Resp: 352040

Ion Ratio Lower Upper

149 100

91 68.3 57.7 86.5

206 26.6 22.6 33.8

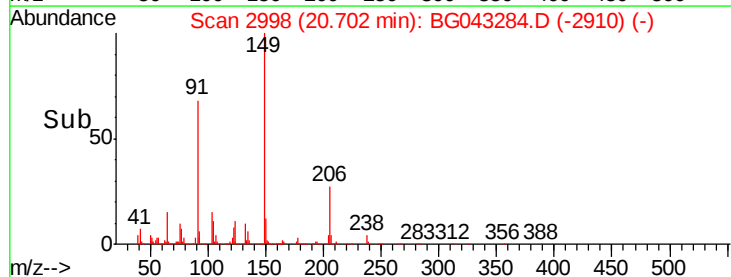
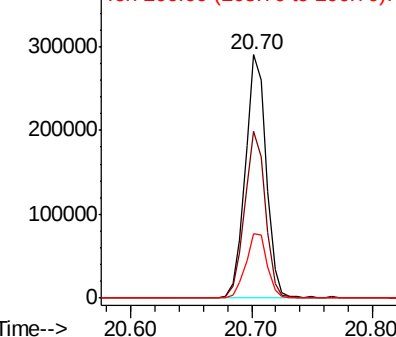


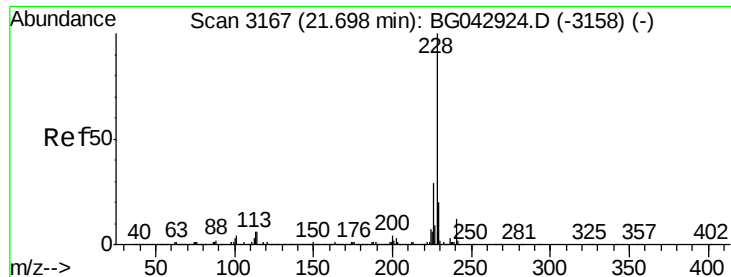
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

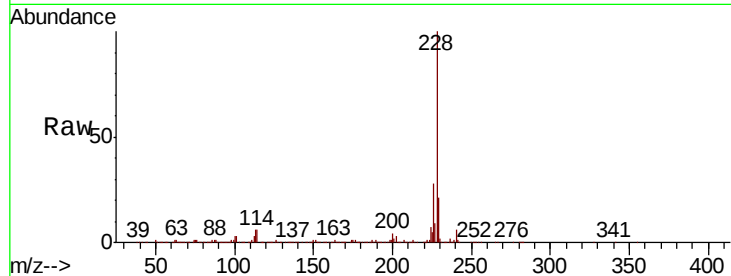




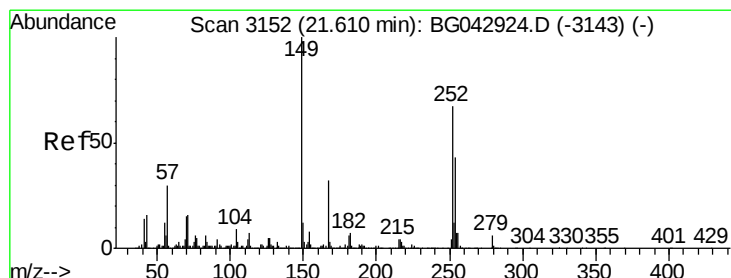
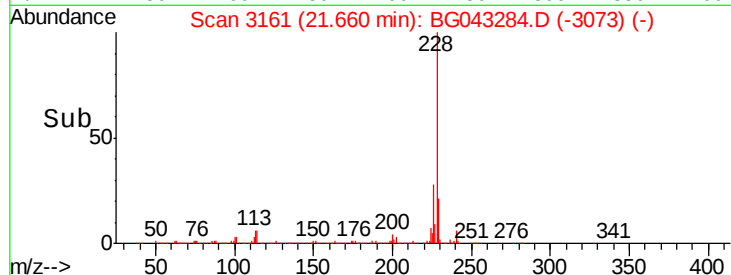
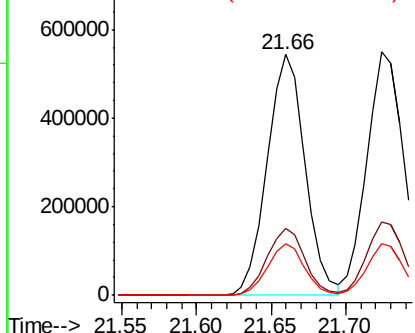
#81
Benzo(a)anthracene
Concen: 48.187 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion:228 Resp: 963154
Ion Ratio Lower Upper
228 100
226 27.8 23.0 34.4
229 21.2 16.3 24.5

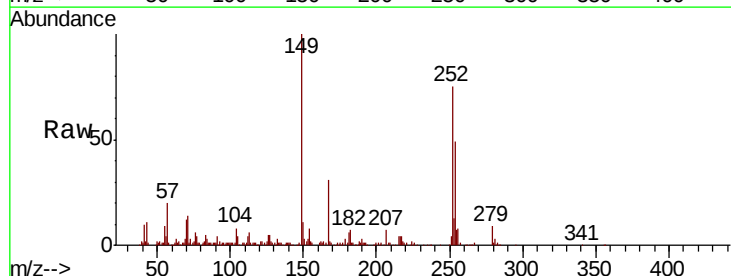


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

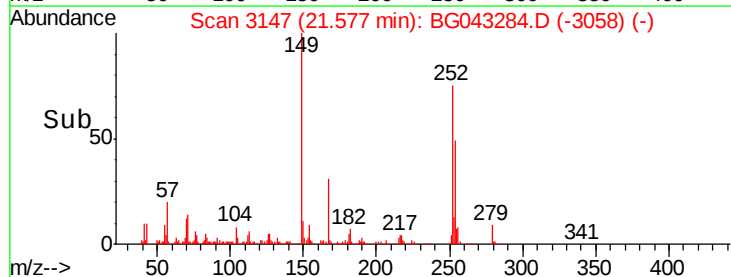
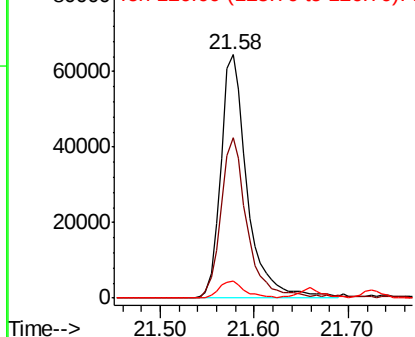


#82
3,3'-Dichlorobenzidine
Concen: 16.123 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion:252 Resp: 126395
Ion Ratio Lower Upper
252 100
254 65.9 51.9 77.9
126 7.1 6.1 9.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.864 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

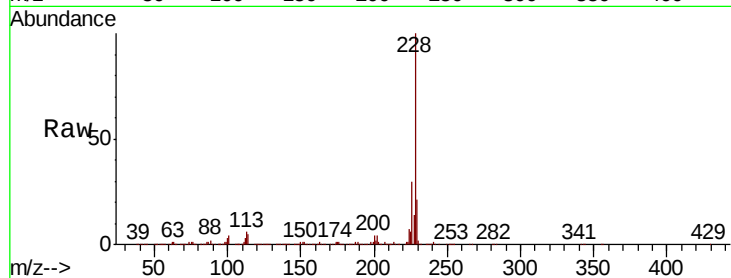
BNA_G

ClientSampleId :

PB124106BS

Tot Ion:228 Resp: 947800

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.6	38.4
229	21.3	16.9	25.3

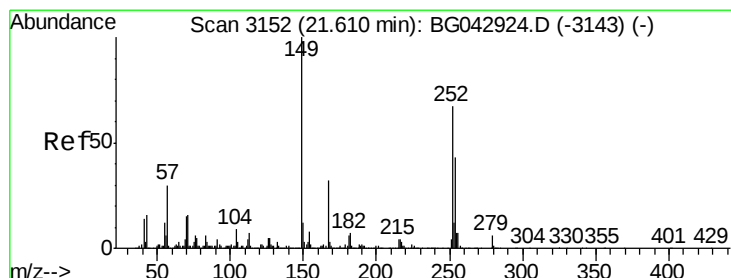
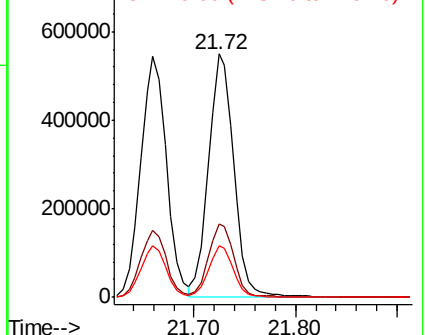
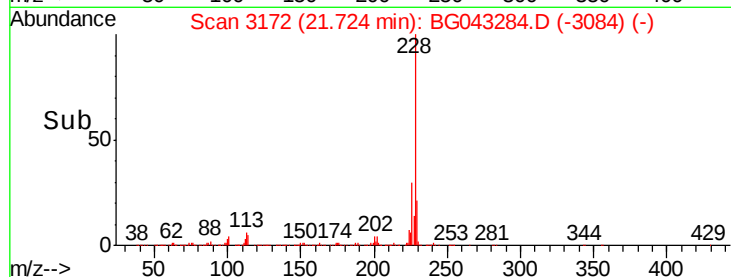


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.817 ng

RT: 21.56 min Scan# 3144

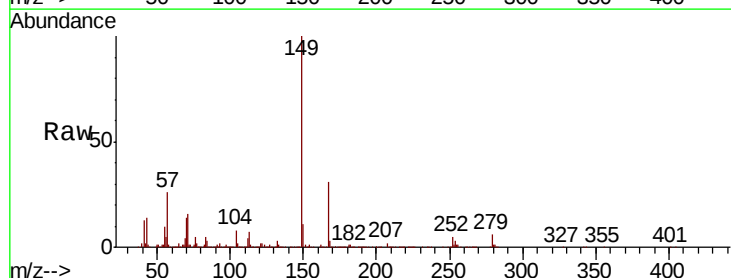
Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tgt Ion:149 Resp: 525513

Ion	Ratio	Lower	Upper
149	100		
167	31.1	25.4	38.2
279	6.5	5.1	7.7

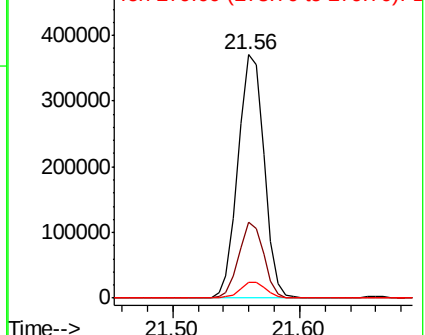
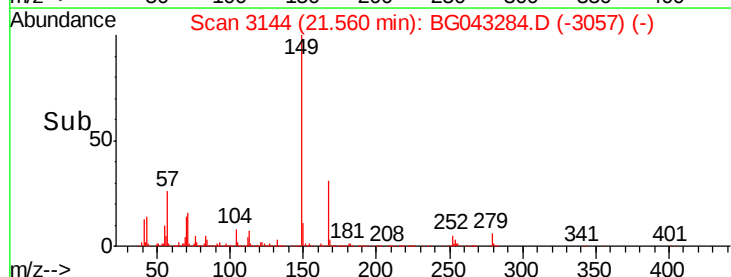


Abundance

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: 52.976 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

ClientSampleId :

PB124106BS

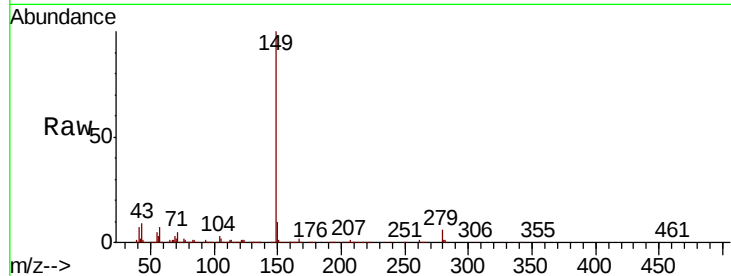
Tot Ion:149 Resp: 895830

Ion Ratio Lower Upper

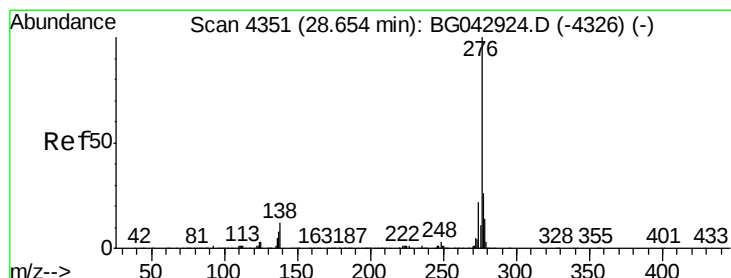
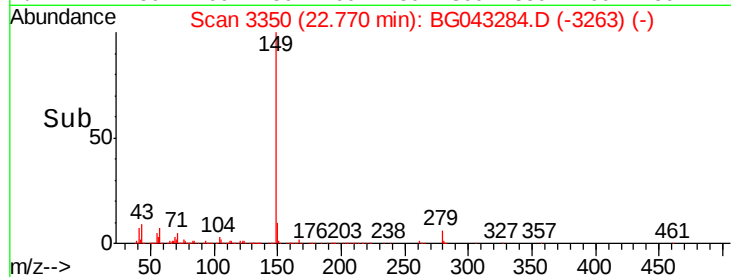
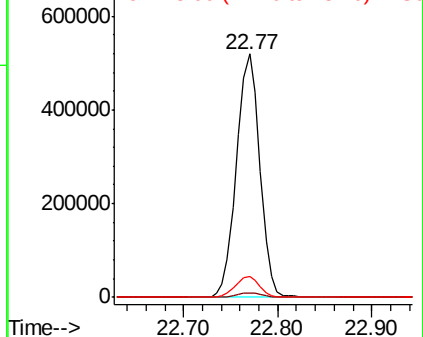
149 100

167 1.8 1.4 2.0

43 8.6 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: 51.868 ng

RT: 28.56 min Scan# 4335

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

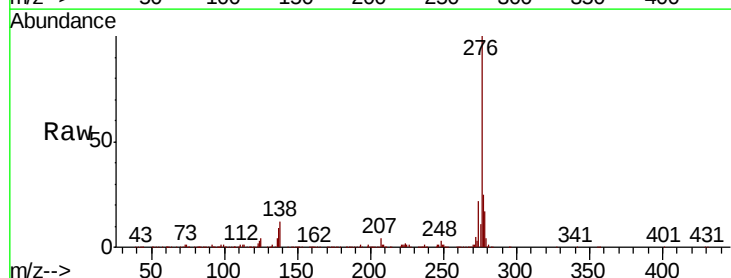
Tgt Ion:276 Resp: 1252470

Ion Ratio Lower Upper

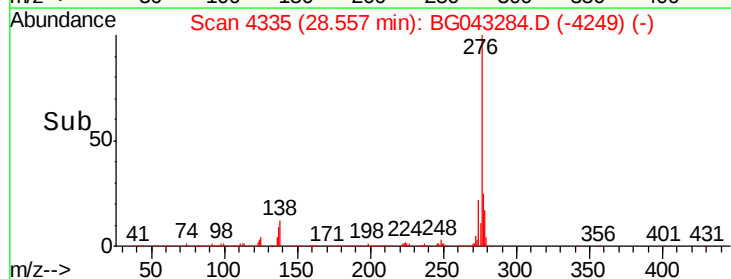
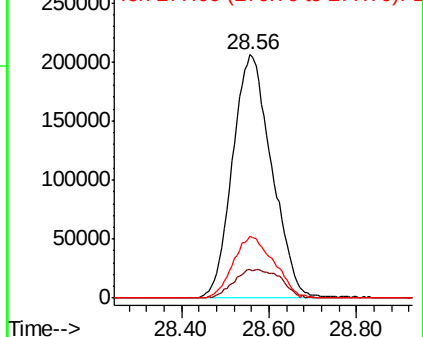
276 100

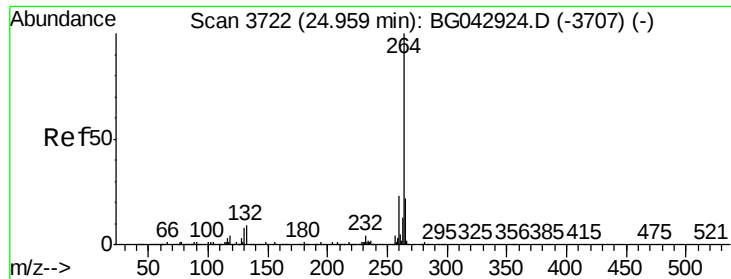
138 6.2 7.0 10.6#

277 26.1 20.9 31.3



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

ClientSampleId :

PB124106BS

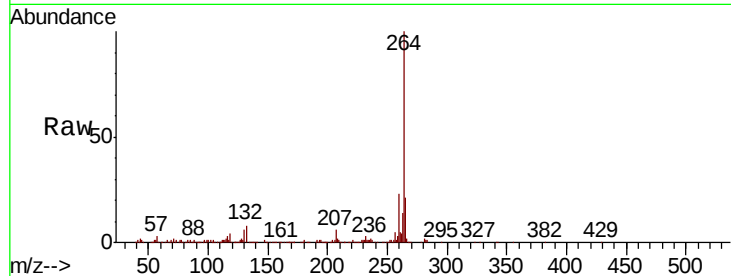
Tot Ion:264 Resp: 374070

Ion Ratio Lower Upper

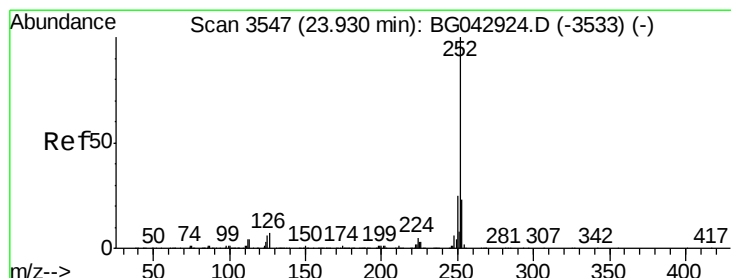
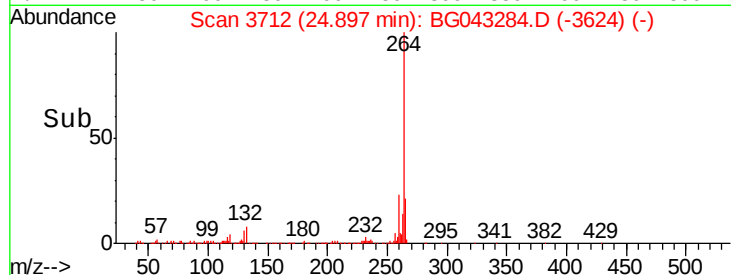
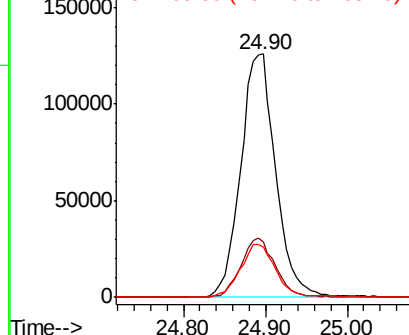
264 100

260 22.7 18.7 28.1

265 20.8 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: 49.663 ng

RT: 23.87 min Scan# 3538

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

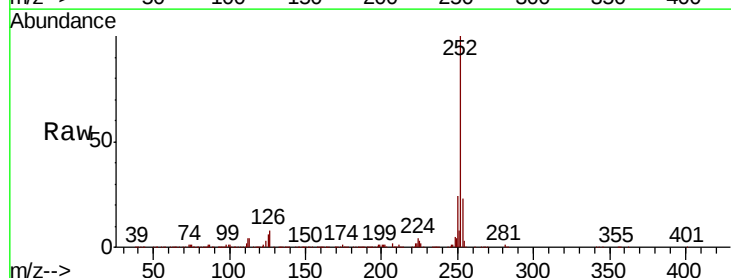
Tgt Ion:252 Resp: 1051159

Ion Ratio Lower Upper

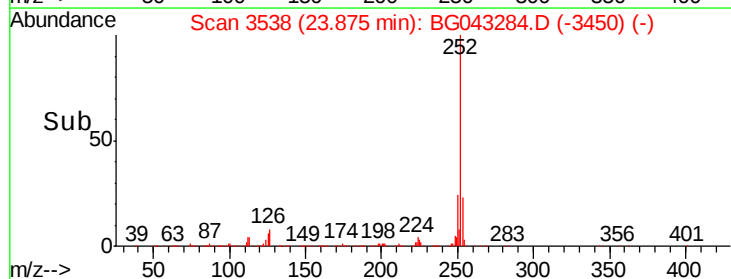
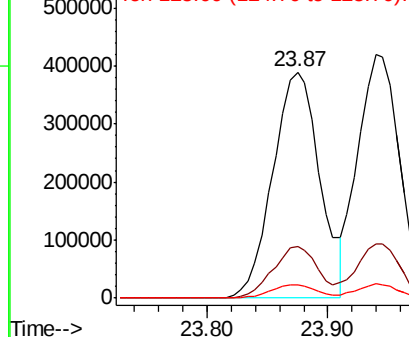
252 100

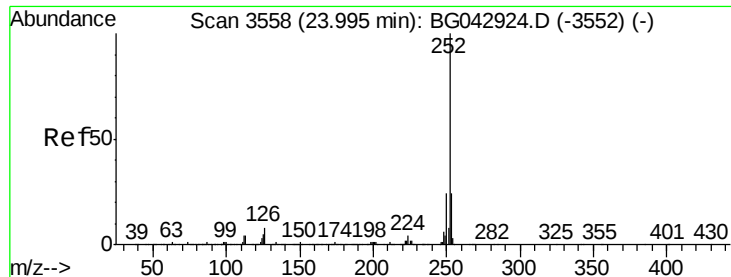
253 23.0 18.2 27.2

125 5.6 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

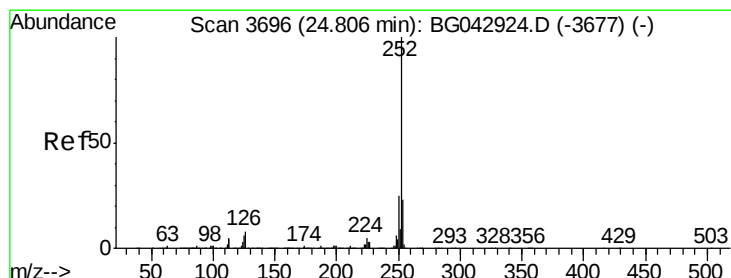
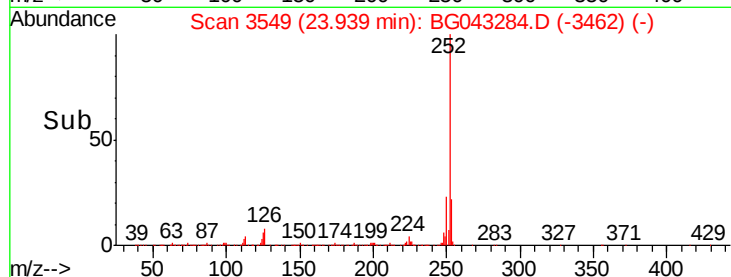
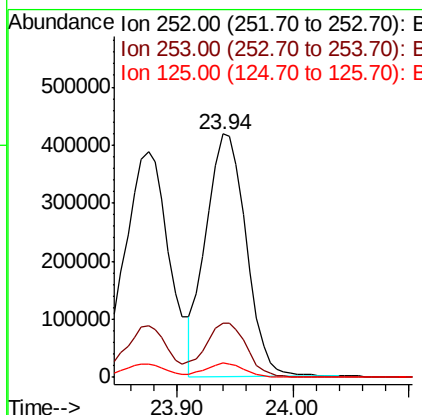
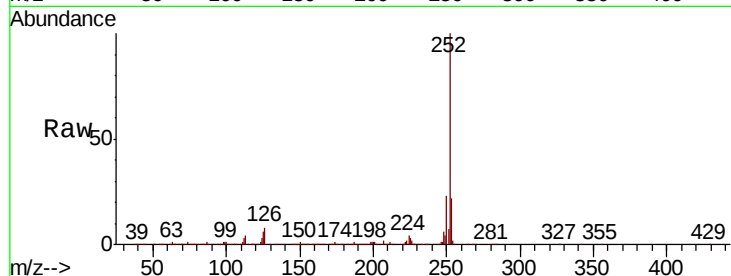




#89
Benzo(k)fluoranthene
Concen: 48.281 ng
RT: 23.94 min Scan# 3549
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

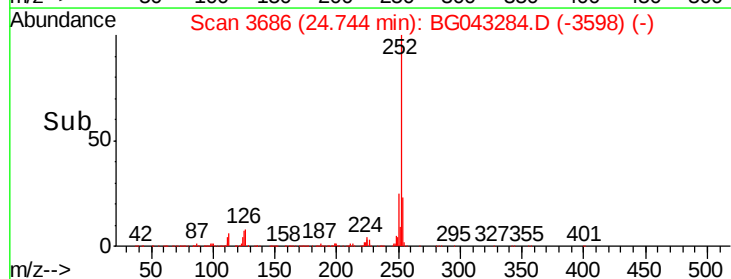
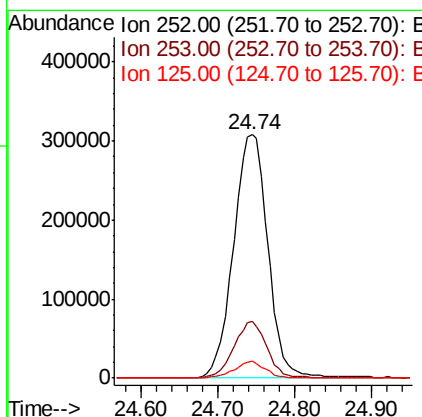
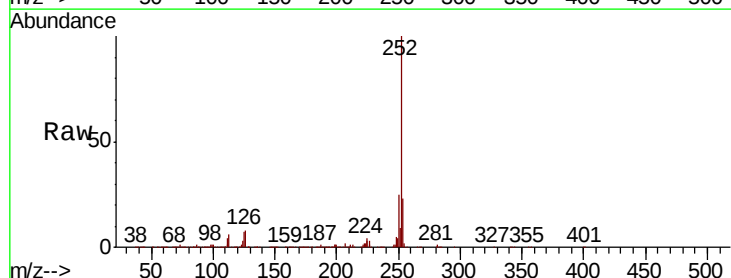
Instrument :
BNA_G
ClientSampleId :
PB124106BS

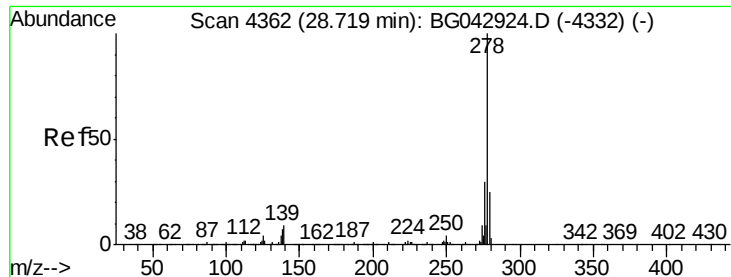
Tot Ion:252 Resp: 1010951
Ion Ratio Lower Upper
252 100
253 22.5 18.9 28.3
125 5.8 4.5 6.7



#90
Benzo(a)pyrene
Concen: 48.002 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion:252 Resp: 958553
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 6.7 5.0 7.6

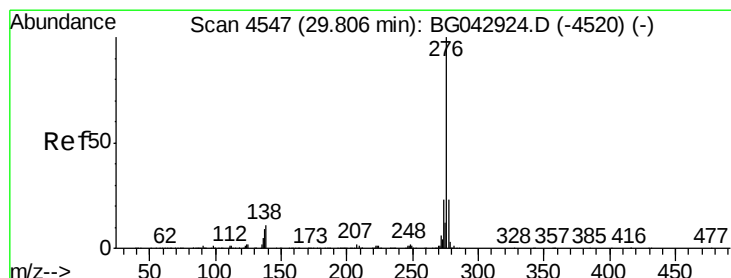
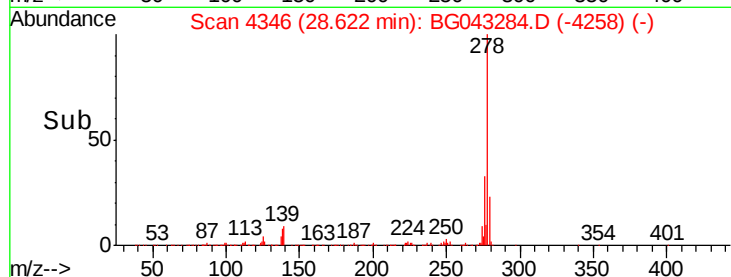
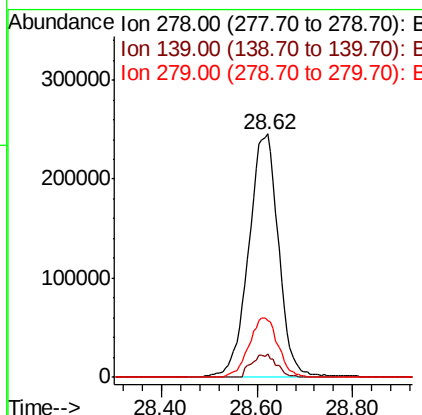
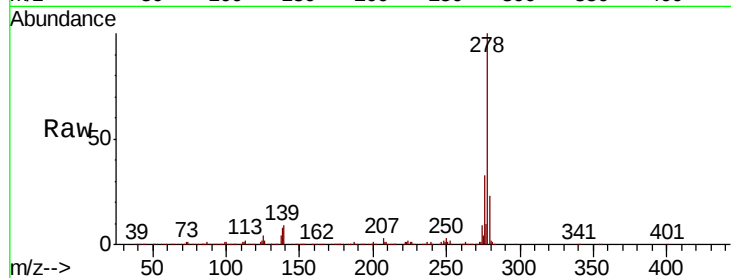




#91
Dibenzo(a,h)anthracene
Concen: 52.049 ng
RT: 28.62 min Scan# 4346
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion:278 Resp: 1065802
Ion Ratio Lower Upper
278 100
139 9.4 6.8 10.2
279 23.4 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 52.763 ng
RT: 29.70 min Scan# 4530
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion:276 Resp: 1046832
Ion Ratio Lower Upper
276 100
277 23.8 18.4 27.6
138 11.6 8.6 12.8

